CUMULATED INDEX MEDICUS

VOLUME 26, 1985

JUNE 86- 11405
BOX 86-66

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

26/sec. 11

S & T

REFERENCE

NEWARK PUBLIC LIBRARY

APR 9 1986

U. S. GOVT. PUBS.
DEPOSITORY 376

HE 20. 3612/3:

ISSN: 0090-1423

NATIONAL LIBRARY of MEDICINE

CUMULATED INDEX MEDICUS

VOLUME 26, 1985

SUBJECT INDEX Int-Moh

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

NATIONAL LIBRARY OF MEDICINE
8600 Rockville Pike
Bethesda, Maryland 20894
NIH Publication No. 86-259

National Library of Medicine Cataloging in Publication

ZW
1
I384

Cumulated Index medicus. -- Vol. 1 (Jan.-Dec. 1960)- . --
Chicago : American Medical Association ; Washington, D.C. :
Supt. of Docs., U.S. G.P.O. [distributor], 1961-
v.
Vols. for 1965- issued by the National Library of
Medicine.
Continues: Quarterly cumulative Index medicus.
Annual cumulation of the monthly issues of Index medicus.
Vols. for 1971-1978 issued as DHEW publication ; no. (NIH)
72-259, etc.; for 1979- as NIH publication ; no. 80-259,
etc.
Issues for 1967- include Bibliography of medical reviews.
ISSN 0090-1423 = Cumulated Index medicus.

1. Bibliography of Medicine 2. Medicine - indexes I.
Bibliography of medical reviews II. Index medicus III.
American Medical Association. IV. National Library of
Medicine (U.S.) V. Series: DHEW publication ; no. (NIH)
72-259, etc. VI. Series: NIH publication ; no. 80-259, etc.

© *All or portions of this publication are protected against copying or other reproduction outside of the United States in accordance with the provisions of Article II of the Universal Copyright Convention.*

This book is printed on acid-free paper for permanence.

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402

CUMULATED INDEX MEDICUS
CONTENTS

Book 1

PREFACE

INTRODUCTION

ACCESS TO ARTICLES CITED

MEDICAL SUBJECT HEADINGS (Contents) III

Book 2

JOURNALS INDEXED—Abbreviation Listing 905

Full Title Listing 973

BIBLIOGRAPHY OF MEDICAL REVIEWS—

Subject Index 1033

CUMULATED INDEX MEDICUS—

Author Index A-Bs 1445

Book 3 Author Index Bu-Gs

Book 4 Author Index Gu-L

Book 5 Author Index M-R

Book 6 Author Index S-Z

Book 7 Subject Index A-Bli

Book 8 Subject Index Blo-Cu

Book 9 Subject Index Cy-Fo

Book 10 Subject Index Fr-Ins

Book 11 Subject Index Int-Moh

Book 12 Subject Index Mol-Pi

Book 13 Subject Index Pl-Sk

Book 14 Subject Index Sl-Z

IMJ 1985 May;167(5):380-1

With a certain degree of sadness [interview] Larson DL. **IMJ** 1985 May;167(5):378-80

Malpractice insurance--is there really a bargain? Brant JD. **J Am Podiatr Med Assoc** 1985 Apr;75(4):224

Insurance official explains carrier's rates and reserves. Clinton K. **Mich Med** 1985 Jul;84(7):382

This crisis could worsen Detroit's infant mortality. Jonas CR. **Mich Med** 1985 Jul;84(7):386-8

PICOM chief tells that carrier's story. Olsen WG. **Mich Med** 1985 Jul;84(7):383-4

Professional liability insurance: the high cost of peace of mind. Jones DB. **Tex Med** 1985 May;81(5):70-4

LEGISLATION & JURISPRUDENCE

Medical Malpractice Arbitration Act: Michigan's experience with arbitration. Bedikian M. **Am J Law Med** 1984 Fall; 10(3):287-306

Report of Ad Hoc Commission on vaccine injury compensation. AMA Board of Trustees. **Conn Med** 1985 Mar;49(3):172-6

Farewell address [editorial] Davidson HC. **Cutis** 1985 Aug; 36(2):103-4

Reforming malpractice law through consumer choice. Havighurst CC. **Health Aff (Millwood)** 1984 Winter; 3(4):63-70

Physicians storm capitol demanding malpractice reform. **IMJ** 1985 Jun;167(6):430-1

Psychiatric malpractice due to ignorance. Reports of cases of psychiatric treatment and traumatic neurosis handled by the doctor's liability board in which damages have been claimed. Achté KA, et al. **Int J Law Psychiatry** 1984; 7(2):189-95

State responses to the malpractice insurance 'crisis' of the 1970s: an empirical assessment. Sloan FA. **J Health Polit Policy Law** 1985 Winter;9(4):629-46 (48 ref.)

SB-646 revisited. Cowan HH Jr. **J Kans Med Soc** 1984 Dec; 85(12):333-4

Medical malpractice legislation: Kansas. Wedel KD. **J Kans Med Soc** 1984 Dec;85(12):344-50

The search for permanent resolution. Young JW. **J Kans Med Soc** 1984 Dec;85(12):340, 359

The Alternative Medical Liability Act: proposed solution to the malpractice problem. George JE, et al. **J Med Soc NJ** 1984 Dec;81(12):1033-5

Malpractice rates and awards. George JE, et al. **J Med Soc NJ** 1984 Dec;81(12):1037-8

What really happens to legislation: an inside story. Davis E. **Md State Med J** 1984 Nov;33(11):865-7

A physician's liability for experimental procedures. Cantrell C. **Med Law** 1984;3(4):339-44

Tort system abuses at the heart of crisis. Horsch R. **Mich Med** 1985 Jul;84(7):380-1

Eight suggestions toward easing the crisis. Ryan J. **Mich Med** 1985 Jul;84(7):378-80

In liability insurance, complexities abound [interview by Mary Uehlein] Smither AJ. **Pa Med** 1985 Jul;88(7):31-2, 34, 36

No-fault compensation for human subjects injured in biomedical research: a public policy conflict. Glass JC. **Pharos** 1985 Summer;48(3):2-7

Professional liability a decade later. Jones D. **Tex Med** 1985 Feb;81(2):65-8

The 'neo no-fault' alternative. O'Connell J. **Va Med** 1985 Apr;112(4):239-43

No-fault insurance for vaccine related injuries. Jeffrey O'Connell proposes an alternative insurance scheme for vaccine-injury victims. O'Connell J. **Vaccine** 1984 Sep; 2(3):173-6

[Alcohol and insurance protection] Ebel F. **Blutalkohol** 1985 May;22(3):189-203 (Eng. Abstr.) **(Ger)**

TRENDS

Meeting the challenge of a changing malpractice climate. Thrower LW. **Colo Med** 1984 Sep;81(9):231-2, 237

Recent trends in medical professional liability. AMA Center for Health Policy Research. **Conn Med** 1985 Jul;49(7):475-7

Malpractice problem worsening. **IMJ** 1985 Mar; 167(3):209-11

The outlook for dental malpractice insurance. Council on Insurance. Johnson B, et al. **J Am Dent Assoc** 1985 Mar; 110(3):395-7

The circle closes. Stratton WT. **J Kans Med Soc** 1984 Dec; 85(12):330-2, 354 (20 ref.)

The malpractice problem: a surgeon's viewpoint. Condon RE. **Wis Med J** 1984 Oct;83(10):9-15

INSURANCE, LIFE

'The quiet company' sells new fund-raiser. **Hospitals** 1985 Jun 1;59(11):37-8

The practical effect of obesity on the insured life--relative risks associated with obesity and various disease states--'the imparied life'. Sankey K. **Postgrad Med J** 1984;60 Suppl 3:5-12

Underwriting multiple sclerosis. Gleeson RK. **Trans Assoc Life Insur Med Dir Am** 1984;66:111-8 (4 ref.)

An underwriter's view. Trew C. **Trans Med Soc Lond** 1982-84;99-100:125-30

Medical aspects of life insurance. Medicine & life assurance. Walwyn-Jones EO. **Trans Med Soc Lond** 1982-84; 99-100:118-21

[Alcoholism--insurance medical practice] Ebert E, et al. **Lebensversicherungsmedizin** 1985 Jul 1;37(4):90-5 **(Ger)**

[Long-term dialysis in relation to insurance medicine] Graefe U, et al. **Lebensversicherungsmedizin** 1985 May 1; 37(3):66-71 (Eng. Abstr.) **(Ger)**

[Risk evaluation in a case of arterial occlusive disease] Pollmann I. **Lebensversicherungsmedizin** 1984 Jul 18; 36(6):141-2 **(Ger)**

[Hepatology and life insurance medicine] Steinitz H. **Lebensversicherungsmedizin** 1984 Jul 18;36(6):117-9 **(Ger)**

[Insurance medicine and insurance practice] Stöhr J. **Lebensversicherungsmedizin** 1985 Jul 1;37(4):89-90 **(Ger)**

[Thoughts on subjective risk] Wolff A. **Lebensversicherungsmedizin** 1984 Aug 27;36(7):145-6 **(Ger)**

ECONOMICS

Reconsidering your insurance. Saslaw L. **Ohio State Med J** 1984 Nov;80(11):797

LEGISLATION & JURISPRUDENCE

Accidental death and the life insurance contract. **Med Leg Bull** 1985 Jul-Aug;34(4):1-7

Insurance medicine and legislation. Meletzke RO. **Proc Annu Meet Med Sect Am Counc Life Insur** 1984;:5-8

[Use of autopsy certificates in life insurance medicine] Leithoff H, et al. **Lebensversicherungsmedizin** 1984 Nov 15; 36(9):202-5 (Eng. Abstr.) **(Ger)**

TRENDS

Changes in the life insurance business. Woodson BN. **Proc Annu Meet Med Sect Am Counc Life Insur** 1984;:3-4

INSURANCE, NURSING SERVICES see under **INSURANCE, HEALTH**

INSURANCE, PHARMACEUTICAL SERVICES

ASHP statement on third-party compensation for clinical services by pharmacists. **Am J Hosp Pharm** 1985 Jul; 42(7):1580-1

ASHP guidelines for implementing and obtaining compensation for clinical services by pharmacists. **Am J Hosp Pharm** 1985 Jul;42(7):1581-2

The life and death of a field experiment: a case study of health care research in a hostile environment. Yesalis CE 3d, et al. **J Health Polit Policy Law** 1985 Winter;9(4):611-28

INSURANCE, PHYSICIAN SERVICES

The Blue Cross and Blue Shield Association's Genetic Services Benefit Study. Kaplan GN. **Birth Defects** 1984; 20(6):53-7

OMA's computerized billing system benefitting physicians. Stoddart E. **Can Med Assoc J** 1985 Aug 1;133(3):228-30

Most Blue Cross/Blue Shield plans cover home care: study. **Hospitals** 1985 Sep 16;59(18):62-4

Reducing public expenditures for physician services: the price of paying less. Gabel JR, et al. **J Health Polit Policy Law** 1985 Winter;9(4):595-609

The Minnesota Medical Association policy on physician payment. **Minn Med** 1985 Feb;68(2):130-4

Technology assessment and health benefits determination. Schaffarzick RW. **QRB** 1985 Jul;11(7):222-5

ECONOMICS

Medicare physician payment, participation, and reform. Burney I, et al. **Health Aff (Millwood)** 1984 Winter; 3(4):5-24

The costs of membership aging in a Blue Cross and Blue Shield plan. Jones SP. **Inquiry** 1985 Summer;22(2):201-5

Physician DRGs. Mitchell JB. **N Engl J Med** 1985 Sep 12; 313(11):670-5

Blue Cross and Blue Shield of Michigan's efforts to change practice patterns. Sandrick KM. **QRB** 1984 Nov; 10(11):349-52

LEGISLATION & JURISPRUDENCE

Physician reimbursement under Medicare: reimbursement options. American Medical Association. **Conn Med** 1984 Aug;48(8):521-6

Containing costs in British Columbia: Hobson's choice. Hackett JD. **Hosp Community Psychiatry** 1985 Jun; 36(6):577

Strategies for reforming Medicare's physician payments. Physician diagnosis-related groups and other approaches. Jencks SF, et al. **N Engl J Med** 1985 Jun 6;312(23):1492-9

STANDARDS

Blue Shield responds to commentary [letter] Daley W, et al. **Am J Psychiatry** 1984 Oct;141(10):1309-10

INSURANCE, PSYCHIATRIC

The policy implications of insurance coverage for psychiatric services. Ruby G. **Int J Law Psychiatry** 1984;7(3-4):269-84

ECONOMICS

Reductions in coverage for mental and nervous illness in the Federal Employees Health Benefits Program, 1980-1984. Hustead E, et al. **Am J Psychiatry** 1985 Feb;142(2):181-6

On direct patient participation in the cost of their psychiatric care. Part II: Access to services, impact on practice and training implications. el-Guebaly N, et al. **Can J Psychiatry** 1985 Apr;30(3):184-9

Health insurance and psychiatry: one peer reviewer's perspective. Parlour RR, et al. **Psychiatr Q** 1984 Fall; 56(3):167-77

LEGISLATION & JURISPRUDENCE

Costs of mandates for outpatient mental health care in private health insurance. Frisman LK, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):558-61

Payment for psychiatric services under Canada's insurance system. el-Guebaly N, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):628-32

STANDARDS

Blue Shield responds to commentary [letter] Daley W, et al. **Am J Psychiatry** 1984 Oct;141(10):1309-10

UTILIZATION

Utilization and coverage of mental health services in health maintenance organizations. Brady J, et al. **Am J Psychiatry** 1985 Jun;142(6):744-6

INSURANCE, SURGICAL see under **INSURANCE, HEALTH**

INTELLIGENCE

Males born by cesarean section examined 18 years after delivery. Nilsen ST, et al. **Acta Obstet Gynecol Scand** 1985; 64(3):237-40

Males born in breech presentation 18 years after birth. Nilsen ST, et al. **Acta Obstet Gynecol Scand** 1985;64(4):323-5

Agoraphobics and social phobics: differences in background factors, syndrome profiles and therapeutic response. Persson G, et al. **Acta Psychiatr Scand** 1985 Feb; 71(2):148-59

Alcoholic fathering and its relation to child's intellectual development: a pilot investigation. Ervin CS, et al. **Alcoholism (NY)** 1984 Jul-Aug;8(4):362-5

Familial microcephaly with normal intelligence, immunodeficiency, and risk for lymphoreticular malignancies: a new autosomal recessive disorder. Seemanová E, et al. **Am J Med Genet** 1985 Apr; 20(4):639-48

Mental development of adults with Down syndrome. Berry P, et al. **Am J Ment Defic** 1984 Nov;89(3):252-6

Do midforceps deliveries really impair subsequent intelligence quotient scores? [letter] Kadar N. **Am J Obstet Gynecol** 1985 Sep 15;153(2):233-5

Differential effects of high-level and low-level postpassage questions. Wilhite SC. **Am J Psychol** 1985 Spring; 98(1):41-58

I.Q. changes in young children following intensive long-term psychotherapy. Zelman AB, et al. **Am J Psychother** 1985 Apr;39(2):215-27

Effects of exercise on the physical fitness, intelligence, and adaptive behavior of institutionalized mentally retarded adults. Tomporowski PD, et al. **Appl Res Ment Retard** 1984;5(3):329-37

Neurological soft signs. Their relationship to psychiatric disorder and intelligence in childhood and adolescence. Shaffer D, et al. **Arch Gen Psychiatry** 1985 Apr; 42(4):342-51

Wechsler Adult Intelligence Scale performance. Cortical localization by fluorodeoxyglucose F 18-positron emission tomography. Chase TN, et al. **Arch Neurol** 1984 Dec; 41(12):1244-7

Effects of inbreeding on Raven matrices. Agrawal N, et al. **Behav Genet** 1984 Nov;14(6):579-85

Associations between some polymorphic markers and variation in IQ and its components in Otmoor villagers. Mascie-Taylor CG, et al. **Behav Genet** 1985 Jul; 15(4):371-83

Psychometric intelligence correlates with interindividual different rates of lipid peroxidation. Weiss V. **Biomed Biochim Acta** 1984;43(6):755-63

IQ, prognosis and Duchenne muscular dystrophy. Miller G, et al. **Brain Dev** 1985;7(1):7-9

Phenylketonuria and its variants: observations on intellectual functioning. Netley C, et al. **Can Med Assoc J** 1984 Oct 1;131(7):751-5

Abused, neglected, and nonmaltreated preschoolers' ability to discriminate emotions in others: the effects of IQ. Frodi A, et al. **Child Abuse Negl** 1984;8(4):459-65

Intellectual development within transracial adoptive families: retesting the confluence model. Berbaum ML, et al. **Child Dev** 1985 Feb;56(1):207-18

Development of analogical problem-solving skill. Holyoak KJ, et al. **Child Dev** 1984 Dec;55(6):2042-55

Long-term effects of four preschool programs: ninth- and tenth-grade results. Miller LB, et al. **Child Dev** 1984 Aug; 55(4):1570-87

Intellectual realism: the role of children's interpretations of pictures and perceptual verbs. Pillow BH, et al.

Child Dev 1985 Jun;56(3):664–70

The plasticity of intellectual development: insights from preventive intervention. Ramey CT, et al. **Child Dev** 1984 Oct;55(5):1913–25

Intelligence of children with Chiari malformation type II [letter] Guthkelch AN. **Childs Nerv Syst** 1985;1(2):69

Low birthweight and neurodevelopmental handicap. Taylor DJ. **Clin Obstet Gynaecol** 1984 Aug;11(2):525–42

Intellectual functioning and abstraction ability in major affective disorders. Clark DC, et al. **Compr Psychiatry** 1985 Jul–Aug;26(4):313–25

Handedness, sex and intelligence. Inglis J, et al. **Cortex** 1984 Sep;20(3):447–51

Intellectual functioning in Turner syndrome. Pidcock FS. **Dev Med Child Neurol** 1984 Aug;26(4):539–42 (37 ref.)

Neuromotor maturation and psychological performance: a developmental study. Wolff PH, et al. **Dev Med Child Neurol** 1985 Jun;27(3):344–54

Influence of social background on psychomotor development in the first year of life and its correlation with later intellectual capacity: a prospective cohort study. Rantakallio P, et al. **Early Hum Dev** 1985 Jul;11(2):141–8

Placement decisions revisited: IQ doesn't always tip the scale. Knoff HM. **Except Child** 1984 Oct;51(2):122–8

Age differences in attributions to causality: implications for intellectual assessment. Prohaska TR, et al. **Exp Aging Res** 1984 Summer;10(2):111–7

IQ revisited in the time domain: a critique or irresponsible brainwaves. Stowell H. **Int J Neurosci** 1985 Jan; 25(3–4):237–44

Movement-related potentials during development: a replication and extension of relationships to age, motor control, mental status and IQ. Warren CA, et al. **Int J Neurosci** 1984 Oct;24(2):81–96

Intelligence and hypoxemia in children with congenital heart disease: fact or artifact? Aram DM, et al. **J Am Coll Cardiol** 1985 Oct;6(4):889–93

Differences in sex ratios in autism as a function of measured intelligence. Lord C, et al. **J Autism Dev Disord** 1985 Jun; 15(2):185–93

A survey of a Cambridge suburb: familial resemblances and IQ components. Mascie-Taylor CG. **J Biosoc Sci** 1985 Jan; 17(1):107–11

Quality of life, intellectual development and behavioural characteristics of single children in China: evidence from a 1980 survey in Changsha, Hunan Province. Poston DL, et al. **J Biosoc Sci** 1985 Apr;17(2):127–36

Mental ability, symbolic play and receptive and expressive language of young children with Down's syndrome. Cunningham CC, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):255–65

IQ, scholastic performance and behaviour of sibs raised in contrasting environments. Dumaret A. **J Child Psychol Psychiatry** 1985 Jul;26(4):553–80

Inspection time and intelligence in dyslexic children. Whyte J, et al. **J Child Psychol Psychiatry** 1985 May;26(3):423–8

Use of demographic variables to predict full scale IQ: a replication and extension. Karzmark P, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):412–20

Base rate data for the WAIS-R: test-retest stability and VIQ-PIQ differences. Matarazzo JD, et al. **J Clin Neuropsychol** 1984 Nov;6(4):351–66

Differentiation of organics from functional psychiatric patients across various IQ ranges using the Bender-Gestalt and Hutt Scoring System. Hellkamp DT, et al. **J Clin Psychol** 1985 Mar;41(2):259–64

Validation of the Luria-Nebraska Intellectual Processes Scale as a measure of intelligence in male alcoholics. Kivlahan DR, et al. **J Clin Psychol** 1985 Mar;41(2):287–90

Clinical detection of intellectual deterioration associated with brain damage. Leli DA, et al. **J Clin Psychol** 1984 Nov; 40(6):1435–41

PPVT IQ validity in adults: a measure of vocabulary, not of intelligence. Maxwell JK, et al. **J Clin Psychol** 1984 Jul;40(4):1048–53

Relationships between measures of brain functions and general intelligence. Reitan RM. **J Clin Psychol** 1985 Mar; 41(2):245–53

Speed of color naming and intelligence: association in girls, dissociation in boys. Jaffe J, et al. **J Commun Disord** 1985 Feb;18(1):63–6

Academic achievement and intelligence test performance in children with cancer at diagnosis and one year later. Moehle KA, et al. **J Dev Behav Pediatr** 1985 Apr;6(2):62–4

Hand preference: its provenance, development, and associations with intellectual ability at the age of 7.5 years. Ounsted M, et al. **J Dev Behav Pediatr** 1985 Apr;6(2):76–80

Selective subject attrition in a longitudinal study of head-injured veterans. Sullivan EV, et al. **J Gerontol** 1984 Nov;39(6):718–20

Congenital hypothyroidism: study of mental development. Churesigaew S, et al. **J Med Assoc Thai** 1984 Oct; 67(10):562–4

Profound limb deficiency, thoracic dystrophy, unusual facies, and normal intelligence: a new syndrome. Al-Awadi SA, et al. **J Med Genet** 1985 Feb;22(1):36–8

Frequency and replication status of the fragile X, fra(X)(q27–28), in a pair of monozygotic twins of markedly differing intelligence. Tuckerman E, et al. **J Med Genet** 1985 Apr;22(2):85–91

Neuropsychological functions in the follow-up of transient global amnesia [letter] Matias-Guiu J, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):713

Intelligence and personality characteristics in adults with untreated atypical phenylketonuria and mild hyperphenylalaninemia. Waisbren SE, et al. **J Pediatr** 1984 Dec;105(6):955–8

A performance test to accompany ophthalmic examination in the young school age child: the 'draw a bicycle' test. Helveston EM, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan–Feb;22(1):17–9

Cognitive development in the failure-to-thrive infant: a three-year longitudinal study. Singer LT, et al. **J Pediatr Psychol** 1984 Sep;9(3):363–83

Ego development and intelligence in a psychiatric population: Wechsler subtest scores. Browning DL, et al. **J Pers Assess** 1985 Jun;49(3):260–3

Idiots savants [editorial] **Lancet** 1985 Feb 2;1(8423):260

More on untreated maternal hyperphenylalaninemia [letter] Kirkman HN Jr, et al. **N Engl J Med** 1984 Oct 25; 311(17):1125–6

Animal intelligence [letter] Fremlin JH. **Nature** 1985 Aug 29–Sep 4;316(6031):760

Mind, body and intelligence [news] Maddox J. **Nature** 1984 Nov 29–Dec 5;312(5993):397

Mechanism for heritability of intelligence [letter] Reed TE. **Nature** 1984 Oct 4–10;311(5985):417

Patients with pseudoseizures: intellectual and cognitive performance. Sackellares JC, et al. **Neurology** 1985 Jan; 35(1):116–9

Different basic components in the performance of Broca's and Wernicke's aphasics on the Colour-Figure Matching Test. Basso A, et al. **Neuropsychologia** 1985;23(1):51–9

The functional stability of the nervous system: a neurobiological basis of intelligence? Kimmel HD. **Pavlov J Biol Sci** 1985 Apr–Jun;20(2):59–65

Preschool performance of children with normal intelligence who were very low-birth-weight infants. Klein N, et al. **Pediatrics** 1985 Mar;75(3):531–7

Effect of maternal education on prognosis of development in children with Down syndrome. Sharav T, et al. **Pediatrics** 1985 Sep;76(3):387–91

Intellectual functioning and ectodermal dysplasia [letter] Tanner BA. **Pediatrics** 1985 Jan;75(1):126–7

Neurodevelopmental and school performance of very low-birth-weight infants: a seven-year longitudinal study. Vohr BR, et al. **Pediatrics** 1985 Sep;76(3):345–50

Signs of intelligence in cross-fostered chimpanzees. Gardner BT, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):159–76

Animal intelligence as encephalization. Jerison HJ. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):21–35 (21 ref.)

Intellectual and affective development of the very low birthweight premature infant. Steichen Asch PA, et al. **Prog Clin Biol Res** 1985;163B:439–46

Cross-cultural study of the relationship among academic performance, test anxiety, intelligence, and sex. van der Ploeg HM, et al. **Psychol Rep** 1984 Oct;55(2):343–6

Relationships among neurological functioning, intelligence quotients, and physical anomalies. Marcus J, et al. **Schizophr Bull** 1985;11(1):101–8

Blood lead, behaviour and intelligence test performance in preschool children. Harvey PG, et al. **Sci Total Environ** 1984 Dec;40:45–60

Lead and IQ scores: a reanalysis [letter] Needleman HL, et al. **Science** 1985 Feb 15;227(4688):701–2, 704

Smoking and intelligence in Australia. Ray JJ. **Soc Sci Med** 1985;20(12):1279–80

The relationship between intelligence and academic achievements in spina bifida adolescents. Tew B, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:122–4

[An investigation of intelligence in 105 normal elderly people in Chengdu] Zhu CM, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):74–7 (Eng. Abstr.) **(Chi)**

[Psychophysical development of premature infants in the Czechoslovakian SSR] Machová J. **Arztl Jugendkd** 1985 Apr;76(2):81–91 (Eng. Abstr.) **(Ger)**

[Diagnosis of the intelligence structure and ability to concentrate of children with and without brain dysfunction using Horn's achievement test] Mladek G, et al. **Arztl Jugendkd** 1984 Aug;75(4):251–9 (Eng. Abstr.) **(Ger)**

[Quantitative relation between localized brain lesions and neuropsychological performance in children. Notes on the effect of exercise therapy (letter)] Bechinger D, et al. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):196–7 **(Ger)**

[Age dynamics of intelligence deficits in relation to biologic and psychosocial risk factors] Donczik J, et al. **Padiatr Grenzgeb** 1985;24(3):209–19 (Eng. Abstr.) **(Ger)**

[Speech and intelligence performance in relation to social class and family status] Castell R, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 May–Jun; 34(4):120–3 (Eng. Abstr.) **(Ger)**

[Clinico-psychologic studies on the problem of functional psychotic deterioration in schizophrenia] Kohlmann-Joss M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan; 37(1):11–21 (Eng. Abstr.) **(Ger)**

[Intelligence and school success in 16-year-old risk children and in a control group] Springstein HJ. **Psychiatr Neurol Med Psychol (Leipz)** 1984 May; 36(5):287–94 (Eng. Abstr.) **(Ger)**

[Intellectual and psychological damage caused by breech delivery] Gatterer G, et al. **Z Exp Angew Psychol** 1985; 32(3):384–99 (Eng. Abstr.) **(Ger)**

[The intellectual ability at the upper limit of human aging] Karasawa A. **Nippon Ronen Igakkai Zasshi** 1984 May; 21(3):230–5 (Eng. Abstr.) **(Jpn)**

[relationship of brain atrophy to CT and aging to intelligence level; a chronological study through multivariate analysis] Kawai M. **Nippon Ronen Igakkai Zasshi** 1984 Sep; 21(5):485–91 (Eng. Abstr.) **(Jpn)**

[Survey on the decline of intellectual functioning with aging in senescence] Ogura C, et al. **Nippon Ronen Igakkai Zasshi** 1984 Nov;21(6):550–7 (Eng. Abstr.) **(Jpn)**

[Relationship between physique and measured intelligence level in mentally retarded children] Yokoyama Y. **Shinrigaku Kenkyu** 1985 Feb;55(6):370–3 (Eng. Abstr.) **(Jpn)**

[Evaluation of the intellectual capacity of hospitalized alcoholics] Budziński W. **Psychiatr Pol** 1984 Mar–Apr; 18(2):107–13 (Eng. Abstr.) **(Pol)**

[Early stuttering and cognitive abilities] Ivičević-Desnica J, et al. **Lijec Vjesn** 1985 May;107(5):177–81 (Eng. Abstr.) **(Scr)**

[Results of an intelligence test (HAWIE) and a test of organicity (MPDT) in a 400-member group of a psychiatric population] Nociar A, et al. **Bratisl Lek Listy** 1984 Aug; 82(2):936–44 (Eng. Abstr.) **(Slo)**

[The debate about intelligence] Vicente Arregui J. **Rev Med Univ Navarra** 1984 Jun;28(2):73–4 **(Spa)**

DRUG EFFECTS

Recent work on low level lead exposure and its impact on behavior, intelligence, and learning: a review. Smith M. **J Am Acad Child Psychiatry** 1985 Jan;24(1):24–32 (27 ref.)

Factors affecting head growth and intellectual function in children of drug addicts. Lifschitz MH, et al. **Pediatrics** 1985 Feb;75(2):269–74

RADIATION EFFECTS

The long-term effects of cranial irradiation on the central nervous system. Duffner PK, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1841–6

INTELLIGENCE TESTS

Assessment of mentally retarded children with the Kaufman Assessment Battery for Children. Naglieri JA. **Am J Ment Defic** 1985 Jan;89(4):367–71

Denver developmental screening test and preterm infants. Elliman AM, et al. **Arch Dis Child** 1985 Jan;60(1):20–4

The effect of acute beta-adrenoceptor blockade on examination performance. Drew PJ, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):783–6

A comparative study of profoundly multiply handicapped children's scores on the Bayley and the Griffiths developmental scales. Beail N. **Child Care Health Dev** 1985 Jan–Feb;11(1):31–6

Intelligence test performance of patients with partial and generalized seizures. Giordani B, et al. **Epilepsia** 1985 Jan–Feb;26(1):37–42

Measurement of intelligence and its usefulness. Prabhu GG, et al. **Indian J Pediatr** 1984 Mar–Apr;51(409):225–34

The use of the Leiter International Performance Scale with autistic children. Shah A, et al. **J Autism Dev Disord** 1985 Jun;15(2):195–203

The Slosson Intelligence Test and young learning-disabled children: a comparative study. Jeffrey TB, et al. **J Clin Psychol** 1984 Sep;40(5):1255–6

PPVT IQ validity in adults: a measure of vocabulary, not of intelligence. Maxwell JK, et al. **J Clin Psychol** 1984 Jul;40(4):1048–53

Stimulus parameters that produce age differences in block design performance. Royer FL, et al. **J Clin Psychol** 1984 Nov;40(6):1474–85

Paired comparisons between early treated PKU children and their matched sibling controls on intelligence and school achievement test results at eight years of age. Koch R, et al. **J Inherited Metab Dis** 1984;7(2):86–90

Use of the PPVT-R for intellectual screening with a preschool pediatric sample. Altepeter T. **J Pediatr Psychol** 1985 Jun;10(2):195–8

The tyranny of testing. McDaniel CG. **Med J Aust** 1985 Jan 7;142(1):38–40

Comparison of Slosson and McCarthy Scales for exceptional preschool children. Bondy AS, et al. **Percept Mot Skills** 1984 Oct;59(2):657–8

Extrapolated Stanford-Binet IQs for severely and profoundly retarded adults. Durham TW. **Psychol Rep** 1985 Feb; 56(1):189–90

Validity of the beta II for alcoholics. Panitz DR, et al. **Psychol Rep** 1984 Dec;55(3):754

[Diagnostic parameters based on experimental psychology procedure] Schaarschmidt U, et al. **Z Psychol** 1985; 193(1–2):117–31 (Eng. Abstr.) **(Ger)**

[Intelligence quotient and age of menarche in school girls of the northern area of Santiago] Valenzuela C, et al. **Rev Chil Pediatr** 1984 May–Jun;55(3):184–7 (Eng. Abstr.) **(Spa)**

INTENSIVE CARE see **CRITICAL CARE**

INTENSIVE CARE UNITS

see related
CRITICAL CARE

The intensive care unit and the suicide attempt patient. Wolk-Wasserman D. **Acta Psychiatr Scand** 1985 Jun; 71(6):581-95

The impact of a physician-staffed mobile intensive care unit. Applebaum D. **Am J Emerg Med** 1985 Jan;3(1):15-8

On the outside, looking in. Green A. **Am J Nurs** 1984 Nov; 84(11):1398-9

Colonization of intravascular catheters in the intensive care unit. Samsoondar W, et al. **Am J Surg** 1985 Jun; 149(6):730-2

Review of problems of massive blood transfusion in a surgical intensive care unit. Lee TL, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):175-84

The role of the thoracic surgeon in the intensive care unit. Magovern GJ. **Ann Thorac Surg** 1984 Oct;38(4):309

Outcome and cost of prolonged stay in the surgical intensive care unit. Becker GJ, et al. **Arch Surg** 1984 Nov; 119(11):1338-42

Microbial colonization in a new intensive care burn unit. A prospective cohort study. McManus AT, et al. **Arch Surg** 1985 Feb;120(2):217-23

Folic acid deficiency in intensive care [letter] Leahy MF, et al. **Aust NZ J Med** 1984 Dec;14(6):863-4

The psychiatric intensive care unit. Goldney R, et al. **Br J Psychiatry** 1985 Jan;146:50-4

The psychiatric intensive care unit [letter] Jones JR. **Br J Psychiatry** 1985 May;146:561-2

Sleep in the surgical intensive care unit: continuous polygraphic recording of sleep in nine patients receiving postoperative care. Aurell J, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1029-32

Outbreak of systemic Candida albicans in intensive care unit caused by cross infection. Burnie JP, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):746-8

High tech/low touch? [editorial] Birnbaum ML. **Crit Care Med** 1984 Nov;12(11):1006-8

A comparison of infections in different ICUs within the same hospital. Brown RB, et al. **Crit Care Med** 1985 Jun; 13(6):472-6

Intensive care nurse: job tension and satisfaction as a function of experience level. Bryson RW, et al. **Crit Care Med** 1985 Sep;13(9):767-9

A simplified acute physiology score for ICU patients. Le Gall JR, et al. **Crit Care Med** 1984 Nov;12(11):975-7

A method for predicting survival and mortality of ICU patients using objectively derived weights. Lemeshow S, et al. **Crit Care Med** 1985 Jul;13(7):519-25

Profile of medical ICU vs. ward patients in an acute care hospital. McClish DK, et al. **Crit Care Med** 1985 May; 13(5):381-6

Predictability and consequences of spontaneous extubation in a pediatric ICU. Scott PH, et al. **Crit Care Med** 1985 Apr;13(4):228-32

Terminal weaning [letter] Searle JF. **Crit Care Med** 1984 Nov;12(11):1010-1

Usefulness of pulmonary artery catheterization in the ICU [letter] Steingrub JS, et al. **Crit Care Med** 1985 Jul; 13(7):611-2

The surgical intensive care unit: a paradise lost? Friedmann P, et al. **Curr Surg** 1984 Nov-Dec;41(6):427-32

Streptococcus pyogenes as a cause of nosocomial infection in a critical care unit. Lannigan R, et al. **Diagn Microbiol Infect Dis** 1985 Jul;3(4):337-41

The intensive care unit syndrome: causes, treatment, and prevention. Weber RJ, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):13-20 (98 ref.)

A simple radio-isotopic method for the detection of bronchial inhalation during intensive care. Venot J, et al. **Eur J Nucl Med** 1984;9(8):343-4

Episodic weekend psychosis on an intensive care unit. Moldin SO. **Hosp Community Psychiatry** 1984 Dec;35(12):1230-2

Noise levels in a hospital. Bovenzi M, et al. **Ind Health** 1984; 22(2):75-82

Use of 'bollards' to improve patient access during intensive care. Kerr JH, et al. **Intensive Care Med** 1985;11(1):33-8

Epidural and intrathecal morphine in intensive care units. Rawal N, et al. **Intensive Care Med** 1985;11(3):129-33

Fibreoptic bronchoscopy in the intensive care unit. Gibney RT, et al. **Ir J Med Sci** 1984 Dec;153(12):416-20

An outbreak of infections with Acinetobacter calcoaceticus in burn patients: contamination of patients' mattresses. Sherertz RJ, et al. **J Infect Dis** 1985 Feb;151(2):252-8

'Do not resuscitate' orders. Incidence and implications in a medical-intensive care unit. Youngner SJ, et al. **JAMA** 1985 Jan 4;253(1):54-7

Intensive-care audit [editorial] **Lancet** 1985 Jun 22; 1(8443):1428-9

Cerebral dysfunction in intensive care [letter] Martin AM, et al. **Lancet** 1985 Jun 1;1(8440):1269

Microbiological tests on central venous catheters from intensive care units [letter] Riou B, et al. **Lancet** 1984 Dec 22;2(8417-18):1466-7

Sinusitis in intensive care unit patients. Kronberg FG, et al. **Laryngoscope** 1985 Aug;95(8):936-8

Eradication of resistant Staphylococcus aureus on a surgical unit [letter] O'Keefe JP, et al. **N Engl J Med** 1985 Mar 28;312(13):858-9

Stress in ICU and non-ICU nurses. Keane A, et al. **Nurs Res** 1985 Jul-Aug;34(4):231-6

Purulent otitis media--a 'silent' source of sepsis in the pediatric intensive care unit. Persico M, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):330-4

Psychopharmacology in the intensive care unit. Boyer W, et al. **Psychiatr Clin North Am** 1984 Dec;7(4):901-7 (21 ref.)

Outcome after admission to an intensive care unit. A 6-week study at Baragwanath Hospital. Hira B, et al. **S Afr Med J** 1985 Feb 2;67(5):180-1

Bleeding gastric mucosal lesions in intensive care units. Carlsson C, et al. **Scand J Gastroenterol [Suppl]** 1984; 105:7-8

Prevention and treatment of acute mucosal damage to the stomach in intensive care units. Medegård A. **Scand J Gastroenterol [Suppl]** 1984;105:80-5

Stress, adaptation and coping in a maternal-fetal intensive care unit. Waldron JA, et al. **Soc Work Health Care** 1985 Spring;10(3):75-89

[Burns of the lower extremities based on data from the Thermal Trauma Clinic of the N. I. Pirogov Institute during a 6-year period (1978-1983)] Khadzhiiski O. **Khirurgiia (Sofiia)** 1984;37(4):275-81 (Eng. Abstr.) **(Bul)**

[Possibilities and limitations of psychotherapy under the conditions of intensive care units] Honzák R. **Cas Lek Cesk** 1985 Jul 26;124(30):929-33 (Eng. Abstr.) **(Cze)**

[Control of infection in a primarily surgical intensive care unit] Mackay E, et al. **Anaesthesist** 1984 Nov;33(11):564-72 (Eng. Abstr.) **(Ger)**

[The situation on relatives in the intensive care unit] Hannich HJ, et al. **Anasth Intensivther Notfallmed** 1985 Apr; 20(2):89-94 (Eng. Abstr.) **(Ger)**

[Cable attachment for wall rail systems] Wendt M, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):314 (Eng. Abstr.) **(Ger)**

[Infection in intensive care medicine: predisposition, pathogenesis and diagnosis] Zimmerli W. **Schweiz Med Wochenschr** 1984 Aug 7;114(31-32):1074-9 (Eng. Abstr.) **(Ger)**

[Experience with real-time sonography in an internal medicine intensive care unit] Wehselau HJ, et al. **Ultraschall Med** 1984 Dec;5(6):290-3 (Eng. Abstr.) **(Ger)**

[The effect of ceftriaxone on the blood coagulation parameters of intensive care patients] Schäfer JH, et al. **Wien Med Wochenschr [Suppl]** 1985;87:16-21 **(Ger)**

[Usefulness of bacteriological monitoring in an intensive care center] Degasperi D, et al. **Minerva Anestesiol** 1984 Nov; 50(11):555-67 (Eng. Abstr.) **(Ita)**

[Patient monitoring system in the intensive care unit] Tachimori Y, et al. **Iyodenshi To Seitai Kogaku** 1984 Dec; 22(7):470-5 **(Jpn)**

[Circulatory monitoring at the intensive care unit. b. The role of non-invasive monitoring methods] Matsuo H, et al. **Nippon Rinsho** 1984 Dec;42(12):2698-705 **(Jpn)**

[Circulatory monitoring at the intensive care unit. a. Advantages and disadvantages in invasive monitoring methods] Soejima K, et al. **Nippon Rinsho** 1984 Dec; 42(12):2693-7 **(Jpn)**

[Diagnostic laboratory procedures for patients with hemorrhage follow-up in intensive care units] Langer B, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan-Feb; 39(1):1-5 (Eng. Abstr.) **(Por)**

[Legionellosis in Brazil: a serological survey among blood donors and personnel of intensive care units of 3 São Paulo hospitals] Veronesi R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov-Dec; 39(6):257-9 (Eng. Abstr.) **(Por)**

[Hygienic aspects of professional activities of personnel of resuscitation and intensive care units] Kaptsov VA, et al. **Gig Sanit** 1984 Dec;(12):21-4 **(Rus)**

[Occupational health and disease among the staff of resuscitation and intensive care units] Kaptsov VA, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):19-22 (Eng. Abstr.) **(Rus)**

[5th national meeting of Pediatric and Neonatal Intensive Care Unit. Abstracts] **An Esp Pediatr** 1985 Mar 15; 22(3):253-7 **(Spa)**

[Multiple system failure in 21 surgical patients] Espinoza R, et al. **Rev Med Chil** 1984 Sep;112(9):912-6 (Eng. Abstr.) **(Spa)**

ECONOMICS

Crisis and challenge. Downs JB. **Crit Care Med** 1984 Oct; 12(10):843-5

Effect of reduction of postoperative days in the intensive care unit after coronary artery bypass. Vander Salm TJ, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):558-61

Implications of DRG payments for medical intensive care. Coulton CJ, et al. **Med Care** 1985 Aug;23(8):977-85

[Calculating the costs of treatment of critically ill patients at intensive care units] Zienkiewicz K, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1437-9 **(Pol)**

HISTORY

The first decade of the North East Thames Regional Plastic Surgery and Burns Unit. Wallace AF. **Br J Plast Surg** 1985 Jul;38(3):422-5

MANPOWER

The provision of junior anaesthetic staff for the intensive care unit of a district general hospital: a workable solution? Millar JM. **Ann R Coll Surg Engl** 1984 Nov;66(6):438-40

Availability of critical care personnel, facilities, and services in the United States. Greenbaum DM. **Crit Care Med** 1984 Dec;12(12):1073-7

Effectiveness of the dietitian-technician team on a burn unit. Ptak KM, et al. **J Am Diet Assoc** 1985 Feb;85(2):215-8

Nursing intervention scoring system in management of a surgical intensive care unit. Alexander RH, et al. **South Med J** 1984 Oct;77(10):1248-52

ORGANIZATION & ADMINISTRATION

Comprehensive pharmaceutical services in a medical intensive-care unit. Ellinoy BR, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2335-42

Nursing responsibilities in changing visiting restrictions in the intensive care unit. Heater BS. **Heart Lung** 1985 Mar; 14(2):181-6

The role of the surgeon in the intensive care unit [editorial] Spencer FC, et al. **J Thorac Cardiovasc Surg** 1984 Oct; 88(4):483-5

1984 A.B.A. presidential address: burn unit success--a problem of management. Curreri PW. **J Trauma** 1985 Jan; 25(1):1-10

On-site physician staffing in a community hospital intensive care unit. Impact on test and procedure use and on patient outcome. Li TC, et al. **JAMA** 1984 Oct 19;252(15):2023-7

Burn care and the plastic surgeon [editorial] Achauer BM. **Plast Reconstr Surg** 1985 Apr;75(4):565-6

[The organization of burn care in the Netherlands] Hermans RP, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10; 128(45):2136-7 **(Dut)**

[Current organizational problems of the modern science of burns] Zaitsev VT, et al. **Klin Khir** 1985 Mar;(3):45-6 **(Rus)**

[Anesthesiology, resuscitation and reality (letter)] Tera Bueno G. **Rev Esp Anestesiol Reanim** 1985 Jan-Feb;32(1):41-2 **(Spa)**

STANDARDS

Comparison of three methods of maintaining a sterile injectate system during cardiac output determinations. Yonkman CA, et al. **Am J Infect Control** 1984 Oct; 12(5):276-81

Quality assurance in a multidisciplinary group. Priority setting in an intensive care unit. Bates BA, et al. **Aust Clin Rev** 1985 Mar;(16):12-8

A mysterious cluster of deaths and cardiopulmonary arrests in a pediatric intensive care unit. Istre GR, et al. **N Engl J Med** 1985 Jul 25;313(4):205-11

Infection in the pediatric intensive care unit. How to minimize the risk. Clendenen WW, et al. **Postgrad Med** 1985 Mar;77(4):139-42, 147-8

[Improving the intensive treatment of patients with acute surgical diseases] Mozhaev GA, et al. **Klin Khir** 1985 Apr; (4):62-4 **(Rus)**

[Levels of severity and care in intensive care units. An interhospital study] López Morán A, et al. **Rev Clin Esp** 1985 Jan;176(1):18-21 (Eng. Abstr.) **(Spa)**

SUPPLY & DISTRIBUTION

ICU physician's ethical role in distributing scarce resources. Zawacki BE. **Crit Care Med** 1985 Jan;13(1):57-60

TRENDS

What's so special about special care? Myers LP, et al. **Inquiry** 1984 Summer;21(2):113-27

UTILIZATION

Prolonged surgical intensive care. A useful allocation of medical resources. Madoff RD, et al. **Arch Surg** 1985 Jun; 120(6):698-702

Outcome of respiratory intensive care for the elderly. McLean RF, et al. **Crit Care Med** 1985 Aug;13(8):625-9

Treatment and care of 'do not resuscitate' patients in a medical intensive care unit. Lewandowski W, et al. **Heart Lung** 1985 Mar;14(2):175-81

OTA warns PPS pressure may alter ICU care. **Hospitals** 1985 Apr 1;59(7):42, 45

Critical care under PPS. Richards G. **Hospitals** 1985 May 1;59(9):66-8

Can ICUs be used more efficiently? Turley RM, et al. **J Nurs Adm** 1985 Jul-Aug;15(7-8):25-8

Nursing home patients admitted to a medical intensive care unit. Goldstein RL, et al. **Med Care** 1984 Sep;22(9):854-62

The Guillain-Barré syndrome. A review of admissions to an intensive care unit over 8 years. Beale EO, et al. **S Afr Med J** 1985 Jan 5;67(1):10-2

[Two years experience in a pediatric intensive care unit] Goitein KJ, et al. **Harefuah** 1983 Oct 16;105(8):201-3 (Eng. Abstr.) **(Heb)**

[Duration of patient stay in a department of intensive therapy and resuscitation] Petrov MN, et al. **Sov Zdravookhr** 1984; (12):35-8 (Eng. Abstr.) **(Rus)**

INTENSIVE CARE UNITS, NEONATAL

Radiation exposure due to scatter in neonatal radiographic procedures. Sabau MN, et al. **AJR** 1985 Apr;144(4):811-4

Fiberoptic guide for endotracheal intubation [letter] Milstein

JM. **Am J Dis Child** 1985 May;139(5):442-3

Early identification of learning problems in neonatal intensive care graduates. Sell EJ, et al. **Am J Dis Child** 1985 May; 139(5):460-3

Effect of an expanded physical facility on nosocomial infections in a neonatal intensive care unit. Larson E, et al. **Am J Infect Control** 1985 Feb;13(1):16-20

Changing pattern of drug utilization in a neonatal intensive care unit. Aranda JV, et al. **Am J Perinatol** 1983 Oct; 1(1):28-30

Benzyl alcohol toxicity in a neonatal intensive care unit. Incidence, symptomatology, and mortality. Menon PA, et al. **Am J Perinatol** 1984 Jul;1(4):288-92

Effect of a regional neonatal unit on a general paediatric ward. Greenough A, et al. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):175-6

Effects of maternal visitation to preterm infants in the neonatal intensive care unit. Zeskind PS, et al. **Child Dev** 1984 Oct;55(5):1887-93

Sibling visits to a newborn intensive care unit: implications for siblings, parents, and infants. Ballard JL, et al. **Child Psychiatry Hum Dev** 1984 Summer;14(4):203-14

Clinical approaches to traumatized parents: psychotherapy in the intensive-care nursery. Zeanah CH, et al. **Child Psychiatry Hum Dev** 1984 Spring;14(3):158-69

Factors affecting visitation of sick newborns. Giacoia GP, et al. **Clin Pediatr (Phila)** 1985 May;24(5):259-62

Daily calorie and fluid calculations in the intensive care nursery using a pocket computer. Yamamoto LG. **Clin Pediatr (Phila)** 1985 Oct;24(10):562-4

Stimulation in the NICU: is more necessarily better? Linn PL, et al. **Clin Perinatol** 1985 Jun;12(2):407-22 (58 ref.)

Effect of nursing-staff support groups on the quality of newborn intensive care. Tyson J, et al. **Crit Care Med** 1984 Oct;12(10):901-6

Cerebral palsy and perinatal deaths in geographically defined populations with different perinatal services. Arvidsson J, et al. **Dev Med Child Neurol** 1984 Dec;26(6):709-16

Parental contact in the neonatal special care unit. Daniels H, et al. **Eur J Pediatr** 1984 Dec;143(2):153-5

Mortality in infants discharged from N.I.C.U. Daga SR. **Indian Pediatr** 1984 Jun;21(6):453-5

Evaluation of skin antisepsis prior to blood culture in neonates. Champagne S, et al. **Infect Control** 1984 Oct; 5(10):489-91

A nursery outbreak of multiple-aminoglycoside-resistant Escherichia coli. Gaynes RP, et al. **Infect Control** 1984 Nov;5(11):519-24

Radiation dose reduction in the neonatal intensive care unit. Comparison of three gadolinium oxysulfide screen-film combinations. Smathers RL, et al. **Invest Radiol** 1984 Nov-Dec;19(6):578-82

Outbreak of respiratory syncytial virus infection in a neonatal intensive care unit. Amir J, et al. **Isr J Med Sci** 1984 Dec; 20(12):1199-201

Streptococcus faecium outbreak in a neonatal intensive care unit. Coudron PE, et al. **J Clin Microbiol** 1984 Dec; 20(6):1044-8

Klebsiella infection in a neonatal intensive care unit: role of bacteriological surveillance. Morgan ME, et al. **J Hosp Infect** 1984 Dec;5(4):377-85

A microcomputer monitoring and data-acquisition system for intensive care units. Diprose GK, et al. **J Med Eng Technol** 1985 Mar-Apr;9(2):80-4

Gastrointestinal microecology in the critically ill neonate. Bell MJ, et al. **J Pediatr Surg** 1984 Dec;19(6):745-51

Evaluation of a one-year Swedish neonatal care population. Holmqvist P, et al. **J Perinat Med** 1985;13(2):87-96

A review of current methods of monitoring in neonatal intensive care. Lyon AJ. **J R Army Med Corps** 1984 Oct; 130(3):178-82

Nosocomial hepatitis A. A multinursery outbreak in Wisconsin. Klein BS, et al. **JAMA** 1984 Nov 16; 252(19):2716-21

Posttransfusion hepatitis A in a neonatal intensive care unit. Noble RC, et al. **JAMA** 1984 Nov 16;252(19):2711-5

Epidemic pyelonephritis in babies? [editorial] **Lancet** 1985 Jan 12;1(8420):87

Video recording in an acute care perinatology unit. Haslam RR, et al. **Med J Aust** 1985 Jun 10;142(12):628-9

Neonatal intensive care. How much, and who decides [editorial] Singer P. **Med J Aust** 1985 Mar 18;142(6):335-6

The case for neonatal intensive care. Yu VY. **Med J Aust** 1985 Mar 18;142(6):353-5

Outcome of neonates admitted to special care nursery, University Hospital, Kuala Lumpur: a comparison of two periods. Toh CK, et al. **Med J Malaysia** 1984 Mar; 39(1):21-7

Effect of bright light in the hospital nursery on the incidence of retinopathy of prematurity. Glass P, et al. **N Engl J Med** 1985 Aug 15;313(7):401-4

Hazards to vision in the nursery [editorial] Sisson TR. **N Engl J Med** 1985 Aug 15;313(7):444-5

Endemic Serratia marcescens infection in a neonatal intensive care nursery associated with gastrointestinal colonization. Newport MT, et al. **Pediatr Infect Dis** 1985 Mar-Apr; 4(2):160-7

Immediate postmortem cultures in an intensive care nursery. Pierce JR, et al. **Pediatr Infect Dis** 1984 Nov-Dec; 3(6):510-3

Controlling infections in the nursery. Siegel J. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S36-41

Nosocomial Clostridium difficile reservoir in a neonatal intensive care unit. Zedd AJ, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):429-32

Unconvinced of value of antenatal transfer to level 3 intensive care units [letter] Sepkowitz S. **Pediatrics** 1985 Apr; 75(4):801-2

Klebsiella infection in a neonatal intensive care unit. Laing IA, et al. **Scott Med J** 1984 Oct;29(4):218-21

Practical use of surveillance for prevention of nosocomial infection. Sprunt K. **Semin Perinatol** 1985 Jan;9(1):47-50

[A review of the neonatal intensive care unit] Zhao SM. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):297-9, 304 **(Chi)**

[Intensive care unit in neonatal nursing] Zhao SM. **Chung Hua Hu Li Tsa Chih** 1985 Feb;20(1):31-4 **(Chi)**

[Experience with the Babylog I ventilator in the neonatal intensive care unit] Kredba V, et al. **Cesk Pediatr** 1985 Aug;40(8):474-5 **(Cze)**

[Mortality and morbidity of premature infants] Sidiropoulos D. **Gynakol Rundsch** 1984;24 Suppl 1:122-30 **(Ger)**

[Computer-assisted data analysis in a pediatric intensive care unit] Frank HD, et al. **Klin Padiatr** 1985 Mar-Apr; 197(2):173-5 (Eng. Abstr.) **(Ger)**

[Serratia marcescens in a neonatal intensive care unit--a 5-year analysis] Hammer H. **Padiatr Grenzgeb** 1984; 23(5):299-303 (Eng. Abstr.) **(Ger)**

[Mortality and morbidity of newborn infants in intensive care (birth weight less than 1,501 grams)] Fritsch G, et al. **Padiatr Padol** 1984;19(4):377-83 (Eng. Abstr.) **(Ger)**

[Relational aspects in the care of very low weight newborn infants] Nordio S, et al. **Minerva Pediatr** 1984 Aug 31; 36(15-16):781-6 (Eng. Abstr.) **(Ita)**

[Evaluation of neonatal intensive care. The European experience] Nordio S, et al. **Minerva Pediatr** 1984 Sep 30; 36(18):855-61 (Eng. Abstr.) **(Ita)**

[Longitudinal study of a group of 56 infants with a birth weight of less than 1500 gms: mortality and neurological sequelae in relation to progress in intensive care technics] Dellacorna P, et al. **Pediatr Med Chir** 1983 Nov-Dec; 5(6):537-42 (Eng. Abstr.) **(Ita)**

[Patient monitoring in the obstetrical and neonatal intensive care units] Maeda K. **Iyodenshi To Seitai Kogaku** 1984 Dec; 22(7):497-503 **(Jpn)**

[5th national meeting of Pediatric and Neonatal Intensive Care Unit. Abstracts] **An Esp Pediatr** 1985 Mar 15; 22(3):253-7 **(Spa)**

ECONOMICS

Costs and outcomes in a regional neonatal intensive care unit. Newns B, et al. **Arch Dis Child** 1984 Nov;59(11):1064-7

Neonatal back-transport. Cost-effectiveness. Bose CL, et al. **Med Care** 1985 Jan;23(1):14-9

Neonatal intensive care: cost-benefit analysis [letter] **Pediatrics** 1985 Apr;75(4):798-800

Transcutaneous oxygen monitoring: economic impact on neonatal care. Peevy KJ, et al. **Pediatrics** 1985 Jun; 75(6):1065-7

Economic analysis of regionalized neonatal care for very low-birth-weight infants in the state of Rhode Island. Walker DJ, et al. **Pediatrics** 1985 Jul;76(1):69-74

[Costs of the initial care of children with birth weight less than or equal to 1500 g in 1981] Monset-Couchard M, et al. **Arch Fr Pediatr** 1984 Oct;41(8):579-85 (Eng. Abstr.) **(Fre)**

MANPOWER

Staffing the neonatal intensive care unit [editorial] **Lancet** 1985 Aug 31;2(8453):482-3

Medical and nursing staff in the neonatal care unit [letter] **Lancet** 1985 Sep 14;2(8455):616

Decision-modeling methods used to design decision support systems for staffing. Nutt PC. **Med Care** 1984 Nov; 22(11):1002-13

ORGANIZATION & ADMINISTRATION

Stress and coping strategies of nurse managers in the NICU. Gribbins RE, et al. **Am J Perinatol** 1984 Apr;1(3):268-71

Primary nursing in the infant special care unit. Bethea SW. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):202-8

An intermediate care nursery at Christchurch Women's Hospital: the first year. Darlow B. **NZ Med J** 1984 Nov 28;97(768):818-21

[Model of regional hospital care of newborn infants] Norska-Borówka I, et al. **Pediatr Pol** 1984 Aug;59(8):663-9 **(Pol)**

[Organization of multi-level medical services for women with abortions and for premature infants] V'iaskova MF, et al. **Akush Ginekol (Mosk)** 1985 May;(5):60-1 **(Rus)**

[Organization of premature infant care by integrating its first and second stages in a maternity home] Trofimenko IA, et al. **Pediatriia** 1984 Aug;(8):48-9 **(Rus)**

STANDARDS

Constraints of intensive care units and follow-up studies in prematures. Minoli I, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:62-7 (48 ref.)

Consistency of care in an intensive care nursery staffed by nurse clinicians. Martin RG, et al. **Am J Dis Child** 1985 Feb;139(2):169-72

Paternalism in the neonatal intensive care unit. Strong C. **Theor Med** 1984 Feb;5(1):105-16

SUPPLY & DISTRIBUTION

Total population estimate of newborn special-care bed needs. Jung AL, et al. **Pediatrics** 1985 Jun;75(6):993-6

UTILIZATION

Changing overall workload in neonatal units. Field DJ, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1539-42

Infant mortality: relationship between neonatal and postneonatal mortality during a period of increasing perinatal center utilization. Goldenberg RL, et al. **J Pediatr** 1985 Feb;106(2):301-3

Neonatal intensive care at Fitzsimons Army Medical Center. Pierce JR, et al. **Milit Med** 1984 Oct;149(10):555-60

INTERACTION DEVIATION see **EPISTASIS, GENETIC**

INTERAGENCY RELATIONS see **INTERINSTITUTIONAL RELATIONS**

INTERCALATED NEURON see **INTERNEURONS**

INTERCALATING AGENTS

Enhancement of intercalator-induced deoxyribonucleic acid scission and cytotoxicity in murine leukemia cells treated with 5-azacytidine. Zwelling LA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3903-6

Polyelectrolyte effects on site-binding equilibria with application to the intercalation of drugs into DNA. Friedman RA, et al. **Biopolymers** 1984 Dec;23(12):2671-714

Interactions of molecules with nucleic acids. XI. Generalization of techniques to generate nucleic acid structures with applications to intercalation sites and kinked structures. Taylor ER, et al. **Biopolymers** 1984 Dec; 23(12):2853-78

The intercalative DNA binding and antitumor activity of some bis-acridines related to nitracrine. Acheson RM, et al. **Chem Biol Interact** 1985 May;53(3):371-5

Structural and sequence-dependent aspects of drug intercalation into nucleic acids. Neidle S, et al. **CRC Crit Rev Biochem** 1984;17(1):73-121 (189 ref.)

Physico-chemical probes of intercalation. Dougherty G, et al. **Int J Biochem** 1984;16(12):1179-92 (122 ref.)

Oligonucleotides covalently linked to intercalating agents. Influence of positively charged substituents on binding to complementary sequences. Asseline U, et al. **J Biol Chem** 1985 Jul 25;260(15):8936-41

Condensation of nucleic acids by intercalating aromatic cations. Kapuscinski J, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7368-72

DNA interactive porphyrins: metalloporphyrin derivatives. Fiel RJ, et al. **Prog Clin Biol Res** 1985;172B:215-26

Interaction between benzene and DNA bases: a model of intercalation. Scheiner S, et al. **Prog Clin Biol Res** 1985; 172B:53-63

CHEMICAL SYNTHESIS

Design of a new DNA-polyintercalating drug, a bisacridinyl peptidic analogue of Triostin A. Helbecque N, et al. **Biochem J** 1985 Feb 1;225(3):829-32

Bis-pyridoquinolines as new bifunctional intercalators for DNA. Malesani G, et al. **Farmaco [Sci]** 1984 Nov; 39(11):925-34

Activity of platinum(II) intercalating agents against murine leukemia L1210. McFadyen WD, et al. **J Med Chem** 1985 Aug;28(8):1113-6

A substituent constant analysis of the interaction of substituted naphthalene monoimides with DNA. Stevenson KA, et al. **J Med Chem** 1984 Dec;27(12):1677-82

2-Aminodipyrido[1,2-a:3',2'-d]imidazole-porphyrin(Fe) derivatives as sequence specific DNA cleaving reagents. Hashimoto Y, et al. **Nucleic Acids Symp Ser** 1984;(15):157-9

METABOLISM

Interaction of intercalating and non-intercalating agents with DNA: use of hydroxyapatite chromatography and S1 nuclease. Alvi NK, et al. **Chem Biol Interact** 1985 Feb-Apr; 53(1-2):219-31

Interaction of DNA-intercalating antitumor agents with adrenoceptors. Adams A, et al. **Mol Pharmacol** 1985 Apr; 27(4):480-91

Investigation of DNA dynamics and drug-DNA interaction by steady state fluorescence anisotropy. Genest D, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2603-15

PHARMACODYNAMICS

Quantification of circular DNA breakage by fluorescence scanning of ethidium bromide-stained horizontal gels: application to the effect of intercalating agents. Malvy C. **Anal Biochem** 1984 Nov 15;143(1):158-62

Intracellular DNA damage produced by a series of diacridines. Roos IA, et al. **Biochem J** 1985 Feb 15; 226(1):175-82

Effects of 7H-pyridocarbazole mono and bifunctional DNA-intercalators on Chinese hamster lung cells in vitro. Bendirdjian JP, et al. **Biochem Pharmacol** 1984 Nov 15; 33(22):3681-8

Absence of a requirement for long-range DNA torsional strain in the production of protein–associated DNA strand breaks in isolated mammalian cell nuclei by the DNA intercalating agent 4'–(9–acridinylamino)methanesulfon–m–anisidide (m–AMSA). Pommier Y, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3909–12

Accessibility to bacterial nucleic acids of the intercalating drug aliphatic amino acid ellipticinium derivatives in Escherichia coli and Salmonella typhimurium. Banoun H, et al. **Biochemistry** 1985 Jan 29;24(3):701–7

Effect of DNA intercalators on poly(ADP–ribose) glycohydrolase activity. Tavassoli M, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):228–34

Effects of amsacrine and other DNA–intercalating drugs on nuclear and nucleolar structure in cultured V79 Chinese hamster cells and PtK2 rat kangaroo cells. Jensen CG, et al. **Cancer Res** 1985 Feb;45(2):717–25

Effect of difluoromethylornithine, an inhibitor of polyamine biosynthesis, on the topoisomerase II–mediated DNA scission produced by 4'–(9–acridinylamino)methanesulfon–m–anisidide in L1210 murine leukemia cells. Zwelling LA, et al. **Cancer Res** 1985 Mar;45(3):1122–6

Effect of DNA–damaging agents on DNA replication and cell–cycle progression of cultured mouse mammary carcinoma cells. Kanno S, et al. **Gann** 1985 Apr;76(4):289–96

Enhanced sensitivity of Escherichia coli umuC to photodynamic inactivation by angelicin (isopsoralen). Miller SS, et al. **J Bacteriol** 1985 Jun;162(3):1307–10

Ellipticine derivatives with an affinity to the estrogen receptor, an approach to develop intercalating drugs with a specific effect on the hormone–dependent breast cancer. Delbarre A, et al. **J Med Chem** 1985 Jun;28(6):752–61

Effect of intercalating agents on RNA polymerase I promoter selection in Xenopus laevis. Pruitt SC, et al. **Mol Cell Biol** 1984 Dec;4(12):2851–7

Mutagenic activity of some intercalating compounds in the Drosophila zeste somatic eye mutation test. Xamena N, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):169–73

BD–40, an ellipticine–related DNA intercalative agent induces DNA–protein bridges in vivo. Vilarem MJ, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8653–65

Interferon induction in vitro by polyribonucleotides and intercalating drugs. Jamison JM, et al. **Prog Clin Biol Res** 1985;172B:243–51

[BD–40, intercalating 9–azaellipticine derivative, induces breaks in cellular DNA associated with protein bridges] Vilarem MJ, et al. **C R Acad Sci [III]** 1984;299(4):69–72 (Eng. Abstr.) **(Fre)**

[Liquid–crystal state of complexes of DNA with biologically active compounds] Evdokimov IuM, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1456–9 **(Rus)**

[Cytochemical methodology applied to the study of staining mechanisms and fluorescence of nucleic acids] Espelosin RH, et al. **Rev Esp Oncol** 1982;29(3):401–12 (Eng. Abstr.) **(Spa)**

TOXICITY

Actinomycin D–associated lesions mimicking DNA–DNA interstrand crosslinks detected by alkaline elution in cultured mammalian cells. Fox JM, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2741–7

Enhancement of the DNA breakage and cytotoxic effects of intercalating agents by treatment with sublethal doses of 1–beta–D–arabinofuranosylcytosine or hydroxyurea in L1210 cells. Minford J, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5583–93

Correlations between intercalator–induced DNA strand breaks and sister chromatid exchanges, mutations, and cytotoxicity in Chinese hamster cells. Pommier Y, et al. **Cancer Res** 1985 Jul;45(7):3143–9

INTERCELLULAR JUNCTIONS

Tight junctions. Their structure, composition, and function. Schneeberger EE, et al. **Circ Res** 1984 Dec;55(6):723–33 (90 ref.)

ANALYSIS

A 135–kd membrane protein of intercellular adherens junctions. Volk T, et al. **EMBO J** 1984 Oct;3(10):2249–60

Identification of a 70,000–D protein in lens membrane junctional domains. Kistler J, et al. **J Cell Biol** 1985 Jul;101(1):28–35

Filipin–cholesterol complexes in plasma membranes and cell junctions of Tenebrio molitor epidermis. Berdan RC, et al. **Tissue Cell** 1985;17(2):177–87

[Application of cytological engineering to the field of membrane physiology] Yoneda Y, et al. **Nippon Rinsho** 1985 Apr;43(4):702–5 **(Jpn)**

DRUG EFFECTS

The relevance of gap junctions to stage I tumor promotion in mouse epidermis. Kalimi GH, et al. **Carcinogenesis** 1984 Dec;5(12):1671–7

Increased gap junctional area in the rat liver after administration of dibutyryl cAMP. De Maziere AM, et al. **Cell Tissue Res** 1985;239(3):651–5

Gap junctions between pancreatic B–cells are modulated by cyclic AMP. in 't Veld P, et al. **Eur J Cell Biol** 1985 Mar;36(2):269–76

Communicating junctions and calmodulin: inhibition of electrical uncoupling in Xenopus embryo by calmidazolium. Peracchia C. **J Membr Biol** 1984;81(1):49–58

Dopamine decreases conductance of the electrical junctions between cultured retinal horizontal cells. Lasater EM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):3025–9

Evidence that a Ca2+ chelator and a calmodulin blocker interfere with the structure of inter–Sertoli junctions. Franchi E, et al. **Tissue Cell** 1985;17(1):13–25

IMMUNOLOGY

Gap junctions in several tissues share antigenic determinants with liver gap junctions. Dermietzel R, et al. **EMBO J** 1984 Oct;3(10):2261–70

METABOLISM

Gap junctions and myometrial steroid hormone receptors in pregnant and postpartum rats: a possible cellular basis for the progesterone withdrawal hypothesis. Saito Y, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):805–12

Chemistry of gap junctions. Revel JP, et al. **Annu Rev Physiol** 1985;47:263–79 (122 ref.)

Interaction of calmodulin and other calcium–modulated proteins with mammalian and arthropod junctional membrane proteins. Van Eldik LJ, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):825–32

Effects of 12–O–tetradecanoylphorbol–13–acetate and retinoids on intercellular junctional communication measured with a citrulline incorporation assay. Davidson JS, et al. **Carcinogenesis** 1985 Apr;6(4):645–50

Permeability and gating of lens gap junction channels incorporated into liposomes. Peracchia C, et al. **Curr Eye Res** 1985 Apr;4(4):431–9

Communication compartments in mixed cell cultures. Pitts JD, et al. **Exp Cell Res** 1985 Feb;156(2):439–49

Lens cell–to–cell channel protein: I. Self–assembly into liposomes and permeability regulation by calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):217–25

Junctional transfer in cultured vascular endothelium: II. Dye and nucleotide transfer. Larson DM, et al. **J Membr Biol** 1985;83(1–2):157–67

Structural correlates of intestinal tight–junction permeability. Madara JL, et al. **KROC Found Ser** 1984;17:77–100 (77 ref.)

PATHOLOGY

Degradation of the epidermal–dermal junction by proteolytic enzymes from human skin and human polymorphonuclear leukocytes. Briggaman RA, et al. **J Exp Med** 1984 Oct 1;160(4):1027–42

PHYSIOLOGY

Formation of tight and gap junctions in the inner enamel epithelium and preameloblasts in human fetal tooth germs. Sasaki T, et al. **Acta Anat (Basel)** 1985;121(4):223–9

Structural and functional studies of myometrial gap junctions. MacKenzie LW, et al. **Acta Physiol Hung** 1985;65(4):461–72

Gap junctions and direct intercellular communication between rat uterine smooth muscle cells. Cole WC, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C20–31

Hormonal control of gap junctions in the myometrium. MacKenzie LW, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C296–308

Cell biology and protein composition of cardiac gap junctions. Manjunath CK, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H783–91 (45 ref.)

Effect of cell turnover and leaky junctions on arterial macromolecular transport. Weinbaum S, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H945–60

Effect of junctional resistance on source–strength in a linear cable. Plonsey R, et al. **Ann Biomed Eng** 1985;13(1):95–100

The role of gap junctions in development. Caveney S. **Annu Rev Physiol** 1985;47:319–35 (111 ref.)

Antibody probes in the study of gap junctional communication. Hertzberg EL. **Annu Rev Physiol** 1985;47:305–18 (71 ref.)

Physiological roles of permeable junctions: some possibilities. Sheridan JD, et al. **Annu Rev Physiol** 1985;47:337–53 (80 ref.)

Physiology and pharmacology of gap junctions. Spray DC, et al. **Annu Rev Physiol** 1985;47:281–303 (139 ref.)

Roles of cell–to–cell communication in development. Schultz RM. **Biol Reprod** 1985 Feb;32(1):27–42

Detailed mechanics of membrane–membrane adhesion and separation. I. Continuum of molecular cross–bridges. Evans EA. **Biophys J** 1985 Jul;48(1):175–83

Detailed mechanics of membrane–membrane adhesion and separation. II. Discrete kinetically trapped molecular cross–bridges. Evans EA. **Biophys J** 1985 Jul;48(1):185–92

Cell communication compartments in molluscan embryos. Serras F, et al. **Cell Biol Int Rep** 1985 Aug;9(8):731–6

Cell coupling junctions. Kanno Y. **Cell Struct Funct** 1984 Jul;9 Suppl:s51–3

Coupling of gap junctions by induction of impulse conductivity in cultured epithelium of newt embryo (Cynops orientalis). Chuang HH, et al. **Cell Tissue Res** 1985;241(1):25–9

Reversible effects of heptanol on gap junction structure and cell–to–cell electrical coupling. Bernardini G, et al. **Eur J Cell Biol** 1984 Jul;34(2):307–12

Effects of extracellular calcium and magnesium on junctional intercellular communication in human fibroblasts. Davidson JS, et al. **Exp Cell Res** 1984 Dec;155(2):406–12

The influence of extracellular matrix on reversible gap junction formation in vitro. Weber C, et al. **Exp Cell Res** 1984 Nov;155(1):153–62

Control of intercellular communication by way of gap junctions. Bennett MV, et al. **Harvey Lect** 1982–83;78:23–57

Sertoli cell junctions: morphological and functional correlates. Russell LD, et al. **Int Rev Cytol** 1985;94:177–211 (137 ref.)

Cyclic AMP effects on cell–to–cell junctional membrane permeability during adipocyte differentiation of 3T3–L1 fibroblasts. Azarnia R, et al. **J Cell Biol** 1985 Jan;100(1):265–9

Genes and morphogenesis––challenges for developmental biology. Slavkin HC **J Craniofac Genet Dev Biol** 1985;5(1):1–3

Intercellular communication and the control of growth: XII. Alteration of junctional permeability by simian virus 40. Roles of the large and small T antigens. Azarnia R, et al. **J Membr Biol** 1984;82(3):213–20

Intercellular communication and the control of growth: XI. Alteration of junctional permeability by the src gene in a revertant cell with normal cytoskeleton. Azarnia R, et al. **J Membr Biol** 1984;82(3):207–12

Intercellular communication and the control of growth: X. Alteration of junctional permeability by the src gene. A study with temperature–sensitive mutant Rous sarcoma virus. Azarnia R, et al. **J Membr Biol** 1984;82(3):191–205

Tight junction formation in cultured epithelial cells (MDCK). Gonzalez–Mariscal L, et al. **J Membr Biol** 1985;86(2):113–25

Partitioning of paracellular conductance along the ileal crypt–villus axis: a hypothesis based on structural analysis with detailed consideration of tight junction structure–function relationships. Marcial MA, et al. **J Membr Biol** 1984;80(1):59–70

Electrophysiological properties of cellular and paracellular conductive pathways of the rabbit cortical collecting duct. O'Neil RG, et al. **J Membr Biol** 1984;82(3):281–95

Permeability properties of cell–to–cell channels: kinetics of fluorescent tracer diffusion through a cell junction. Zimmerman AL, et al. **J Membr Biol** 1985;84(3):269–83

A freeze–fracture paradigm of the mechanism for delivery and insertion of gap junction particles into the plasma membrane. Shivers RR, et al. **J Submicrosc Cytol** 1985 Apr;17(2):199–203

Gap junctions increase the sensitivity of tissue cells to exogenous electric fields. Cooper MS. **J Theor Biol** 1984 Nov 7;111(1):123–30

Coupling and uncoupling of amphibian neuroglia. Tang CM, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):237–42

Potential role of the src gene product in inhibition of gap–junctional communication in NIH/3T3 cells. Chang CC, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5360–4

Reduction of gap junctional conductance by microinjection of antibodies against the 27–kDa liver gap junction polypeptide. Hertzberg EL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2412–6

Effect of estradiol–17 beta and prostaglandins on rat myometrial gap junctions. MacKenzie LW, et al. **Prostaglandins** 1983 Dec;26(6):925–41

An in vitro model for studies of intercellular communication in cultured rat anterior pituitary cells. Wilfinger WW, et al. **Tissue Cell** 1984;16(4):483–97

ULTRASTRUCTURE

Intercellular junctions between human odontoblasts. A freeze–fracture study after demineralization. Callé A. **Acta Anat (Basel)** 1985;122(3):138–44

A re–assessment of the tricellular region of epithelial cell tight junctions in trachea of guinea pig. Walker DC, et al. **Acta Anat (Basel)** 1985;122(1):35–8

Gap junctions in the heart of the adult Protopterus aethiopicus. Scheuermann DW, et al. **Acta Morphol Neerl Scand** 1984 Jul;22(2):123–31

The corneal endothelial cell interface. Davanger M, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):109–15

Junctions between intraepithelial carcinoma and non–neoplastic tissue of the esophagus. Light and electron microscopic studies. Takubo K, et al. **Acta Pathol Jpn** 1984 Jul;34(4):785–96

Intercellular junctions and the cardiac intercalated disk. Severs NJ. **Adv Myocardiol** 1985;5:223–42

Differences between cytoplasmic surfaces of deep–etched heart and liver gap junctions. Shibata Y, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H690–3

Pericyte endothelial gap junctions in human cerebral capillaries. Cuevas P, et al. **Anat Embryol (Berl)** 1984;170(2):155–9

Large particles associated with gap junctions of pancreatic exocrine cells during embryonic and neonatal development. Yamamoto M, et al. **Anat Embryol (Berl)** 1985;171(3):305–10

Intercellular junctions in upper airway submucosal glands of the rat: a tracer and freeze fracture study. Schneeberger EE, et al. **Anat Rec** 1984 Nov;210(3):421–33

A comparative study on the intercellular canalicular system and intercellular junctions in the pancreatic islets of some rodents. Yamamoto M, et al. **Arch Histol Jpn** 1984 Nov; 47(5):485-93

Intercellular junctions in human tooth-pulp cells in culture in vitro revealed by freeze-fracture, lanthanum impregnation and filipin treatment. Callé A, et al. **Arch Oral Biol** 1985;30(3):283-9

Development of new intercellular contacts between adult cardiac myocytes in culture. Schwartz P, et al. **Basic Res Cardiol** 1985;80 Suppl 1:75-8

Intercellular junctions in the hepatopancreas of the lobster Nephrops norvegicus. Lane NJ, et al. **Biol Cell** 1984; 52(3):267-77

Isolated rat brain capillaries possess intact, structurally complex, interendothelial tight junctions; freeze-fracture verification of tight junction integrity. Shivers RR, et al. **Brain Res** 1984 Dec 24;324(2):313-22

Freeze-fracture ultrastructure of the perinodal astrocyte and associated glial junctions. Waxman SG, et al. **Brain Res** 1984 Aug 6;308(1):77-87

Freeze-fracture replicas of rat ameloblasts reveal unusual membrane domains around gap junctions. Franklin DL, et al. **Cell Biol Int Rep** 1985 Jun;9(6):569-76

Absence of gap junctional complexes in two established renal epithelial cell lines (LLC-PK1 and MDCK). Morgan G, et al. **Cell Biol Int Rep** 1984 Nov;8(11):917-22

Evidence for tight junctions between odontoblasts in the rat incisor. Bishop MA. **Cell Tissue Res** 1985;239(1):137-40

Association of gap junctions with endoplasmic reticulum in rat parotid glands. Dunn J, et al. **Cell Tissue Res** 1984; 238(3):589-94

Cell junctions in early embryos of squid (Loligo pealei). Ginzberg RD, et al. **Cell Tissue Res** 1985;239(3):477-84

Connexon rearrangement in cardiac gap junctions: evidence for cytoskeletal control? Green CR, et al. **Cell Tissue Res** 1984;237(1):185-6

Fibrillar and cytoskeletal substructure of tight junctions: analysis of single-stranded tight junctions linking fibroblasts of the lamina fusca in hamster eyes. Hageman GS, et al. **Cell Tissue Res** 1984;238(3):545-57

Interneuronal and glial-neuronal gap junctions in the lamina ganglionaris of the compound eye of the housefly, Musca domestica. Saint Marie RL, et al. **Cell Tissue Res** 1985; 241(1):43-52

Diffusion barriers in the vaginal epithelium during the estrous cycle in guinea pigs. Winterhager E, et al. **Cell Tissue Res** 1985;241(2):325-31

Membrane particles and gap junctions in the retinas of two species of cephalopods, Octopus ocellatus and Sepiella japonica. Yamamoto M, et al. **Cell Tissue Res** 1984; 237(2):209-18

Fate of intercellular junctions in isolated adult rat cardiac cells. Mazet F, et al. **Circ Res** 1985 Feb;56(2):195-204

Lanthanum and freeze-fracture studies of retinal pigment epithelial cell junctions in the streptozotocin diabetic rat. Caldwell RB, et al. **Curr Eye Res** 1985 Mar;4(3):215-27

The structure of tight junctions in the ciliary epithelium. Hirsch M, et al. **Curr Eye Res** 1985 Apr;4(4):493-501

Gap junction distribution in the Drosophila wing disc mutants vg, l(2)gd, l(3)c43hs1, and l(2)gl4. Ryerse JS, et al. **Dev Biol** 1984 Oct;105(2):396-403

Freeze fracture morphology of thyroid tight junctions in goats with different thyrotropin stimulation. van Uigen AJ, et al. **Endocrinology** 1985 Jul;117(1):114-8

Bridges linking gap junction particles extracellularly: a freeze-etching rotary-shadowing study of split junctions. Peracchia C, et al. **Eur J Cell Biol** 1985 Mar;36(2):286-93

Gap junctions and rhombic particle arrays in the freeze-fractured mouse oocyte-follicle cell complex. van den Hoef MH, et al. **Eur J Cell Biol** 1984 Nov;35(2):312-6

Formation of tight junctions in epithelial cells. I. Induction by proteases in a human colon carcinoma cell line. Cohen E, et al. **Exp Cell Res** 1985 Jan;156(1):103-16

Effects of a teratogen on [3H]uridine nucleotide transfer between human embryonal cells and on gap junctions. Welsch F, et al. **Exp Cell Res** 1985 Jul;159(1):91-102

Cell-adhesion molecule uvomorulin is localized in the intermediate junctions of adult intestinal epithelial cells. Boller K, et al. **J Cell Biol** 1985 Jan;100(1):327-32

Subunit structure of junctional feet in triads of skeletal muscle: a freeze-drying, rotary-shadowing study. Ferguson DG, et al. **J Cell Biol** 1984 Nov;99(5):1735-42

Junctions between lens fiber cells are labeled with a monoclonal antibody shown to be specific for MP26. Sas DF, et al. **J Cell Biol** 1985 Jan;100(1):216-25

Ultrastructural changes in gap junctions associated with CO2 uncoupling in frog atrial fibres. Mazet F, et al. **J Cell Sci** 1985 Mar;74:51-63

Ultrastructural morphometric of gap junctions during differentiation of stratified squamous epithelium. White FH, et al. **J Cell Sci** 1984 Jul;69:67-85

Intercellular junctions between visual cells in the snake retina. Hara S, et al. **J Electron Microsc (Tokyo)** 1984;33(1):39-45

Lens cell-to-cell channel protein: II. Conformational change in the presence of calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):227-33

Proteolysis of cardiac gap junctions during their isolation from rat hearts. Manjunath CK, et al. **J Membr Biol** 1985; 85(2):159-68

Gap junction structures. VII. Analysis of connexon images obtained with cationic and anionic negative stains. Baker TS, et al. **J Mol Biol** 1985 Jul 5;184(1):81-98

Embryonic development of glial cells and their junctions in the locust central nervous system. Swales LS, et al. **J Neurosci** 1985 Jan;5(1):117-27

Structure and possible functional role of septate junctions in the ovotestis of a pond snail: inter-Sertoli junctions. Anelli G, et al. **J Submicrosc Cytol** 1985 Apr;17(2):213-22

Cell to cell association in Zajdela ascitic hepatoma. An ultrastructural study. Gupta PD, et al. **J Submicrosc Cytol** 1985 Jul;17(3):421-7

The presence and distribution of gap junctions in the oocyte-follicle cell complex of the zebrafish, Brachydanio rerio. Kessel RG, et al. **J Submicrosc Cytol** 1985 Apr; 17(2):239-53

Organization of the intercellular junctions in the endothelium of cardiac valves. Lupu F, et al. **J Submicrosc Cytol** 1985 Apr;17(2):119-32

The role of connexon aggregate fusion in gap junction growth. Ryerse JS, et al. **J Submicrosc Cytol** 1984 Oct; 16(4):649-57

Interreceptor junction in the double cone of the chicken retina. Smith RL, et al. **J Submicrosc Cytol** 1985 Apr; 17(2):183-6

Aortic endothelial cell during regeneration. Remodeling of cell junctions, stress fibers, and stress fiber-membrane attachment domains. Hüttner I, et al. **Lab Invest** 1985 Sep; 53(3):287-302

Opening of the blood-brain barrier in Anolis carolinensis. A high voltage electron microscope protein tracer study. Shivers RR, et al. **Neuropathol Appl Neurobiol** 1984 Sep-Oct;10(5):343-56

Dye coupling between amacrine cells in carp retina. Teranishi T, et al. **Neurosci Lett** 1984 Sep 28;51(1):73-8

Intercellular junctions in the developing rat corneal endothelium. Montcourrier P, et al. **Ophthalmic Res** 1985; 17(4):207-15

Investigation of the presence of intercellular canaliculi in human and rat eccrine sweat glands. Michniak-Mikołajczyk B. **Patol Pol** 1984 Oct-Dec; 35(4):517-22

Changes in the distribution of filament-containing septate junctions as coelenterate myoepithelial cells change shape. Holley MC. **Tissue Cell** 1985;17(1):1-11

A model for de novo synthesis and assembly of tight intercellular junctions. Ultrastructural correlates and experimental verification of the model revealed by freeze-fracture. Shivers RR, et al. **Tissue Cell** 1985; 17(3):417-40

Changes occurring in plasma membranes and intercellular junctions during the process of carcinogenesis and in squamous cell carcinoma. Tachikawa T, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):1-15

[Immunomorphological research on the changes in the focal contacts of cultured cells transformed by Kirsten sarcoma virus] Allikmets Elu, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):78-80 (Eng. Abstr.) **(Rus)**

INTERCELLULAR SPACE see **EXTRACELLULAR SPACE**

INTERCOSTAL MUSCLES

Spontaneous intercostal lung hernia. Sheka KP, et al. **J Natl Med Assoc** 1984 Dec;76(12):1210, 1212-3

ANALYSIS

[Age changes in acetylcholine receptor distribution on human skeletal muscle] Oda K. **Rinsho Shinkeigaku** 1984 Jul; 24(7):693-6 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Fibre types, capillary supply and enzyme activities in human intercostal muscles. Mizuno M, et al. **Clin Physiol** 1985 Apr;5(2):121-35

Relationship between parasternal intercostal length and rib cage displacement in dogs. Decramer M, et al. **J Appl Physiol** 1985 May;58(5):1517-20

BLOOD SUPPLY

[Hemothorax caused by injury of the 1st intercostal artery following trial puncture of the subclavian vein] Bergmann J, et al. **Anaesthesist** 1984 Dec;33(12):592 (Eng. Abstr.) **(Ger)**

[Roentgen aspect of the left superior intercostal vein] Hollmann J, et al. **Vasa** 1985;14(1):95-8 (Eng. Abstr.) **(Ger)**

INJURIES

[Role of heterolateral muscular strains in the mechanogenesis of scoliosis] Tsiv'ian IaL, et al. **Ortop Travmatol Protez** 1985 Jun;(6):35-9 (Eng. Abstr.) **(Rus)**

INNERVATION

Cells of origin of corticospinal projections to phrenic and thoracic respiratory motoneurones in the cat as shown by retrograde transport of HRP. Rikard-Bell GC, et al. **Brain Res Bull** 1985 Jan;14(1):39-47

The identification of brainstem neurones projecting to thoracic respiratory motoneurones in the cat as demonstrated by retrograde transport of HRP. Rikard-Bell GC, et al. **Brain Res Bull** 1985 Jan;14(1):25-37

Sensation of respiratory force following low cervical spinal cord transection. Gottfried SB, et al. **J Appl Physiol** 1984 Oct;57(4):989-94

Selective reinnervation of intercostal muscles transplanted from different segmental levels to a common site. Wigston DJ, et al. **J Neurosci** 1985 May;5(5):1208-21

Multiplicity of functional behavior of human intercostal muscles. Arita H, et al. **Tokai J Exp Clin Med** 1983 Nov; 8(4):339-47

METABOLISM

[Mechanism of impairment of energy metabolism in respiratory muscles in experimental botulism] Morrison VV. **Vopr Med Khim** 1985 May-Jun;31(3):64-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Influence of central chemoreceptor afferent inputs on respiratory muscle activity. Haxhiu MA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R266-73

Chest wall reflexes in newborns. Trippenbach T. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):115-22 **(Eng, Fre)**

Respiratory EMG findings in relation to periodic breathing in infants. O'Brien MJ. **Early Hum Dev** 1985 May; 11(1):43-60

Respiratory changes in parasternal intercostal length. Decramer M, et al. **J Appl Physiol** 1984 Oct;57(4):1254-60

Coordination between rib cage muscles and diaphragm during quiet breathing in humans. De Troyer A, et al. **J Appl Physiol** 1984 Sep;57(3):899-906

Contractile properties of intercostal muscles and their functional significance. Farkas GA, et al. **J Appl Physiol** 1985 Aug;59(2):528-35

Inspiratory muscle forces and endurance in maximum resistive loading. Jones GL, et al. **J Appl Physiol** 1985 May; 58(5):1608-15

Altered breathing pattern elicited by stimulation of abdominal visceral afferents. Prabhakar NR, et al. **J Appl Physiol** 1985 Jun;58(6):1755-60

Decay of inspiratory muscle pressure during expiration in conscious humans. Shee CD, et al. **J Appl Physiol** 1985 Jun;58(6):1859-65

Mechanics of intercostal space and actions of external and internal intercostal muscles. De Troyer A, et al. **J Clin Invest** 1985 Mar;75(3):850-7

Are the external and internal intercostal muscles synergist or antagonist in the cat? Le Bars P, et al. **Neurosci Lett** 1984 Oct 26;51(3):383-6

Costal and crural diaphragm and intercostal muscle activity during augmented breaths in cats. Van Lunteren E, et al. **Neurosci Lett** 1985 May 23;56(3):283-8

[Possible inspiratory or expiratory synergism between various external and internal intercostal muscles in cats] Le Bars P, et al. **C R Acad Sci [III]** 1984;299(13):541-6 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Relationship between respiratory muscle electromyogram and rib cage motion in tetraplegia. Estenne M, et al. **Am Rev Respir Dis** 1985 Jul;132(1):53-9

Inspiratory muscle function in patients with severe kyphoscoliosis. Lisboa C, et al. **Am Rev Respir Dis** 1985 Jul;132(1):48-52

Respiratory muscle fatigue: a cause of ventilatory failure in septic shock. Hussain SN, et al. **J Appl Physiol** 1985 Jun; 58(6):2033-40

[Electromyographic determination of the fatigability of respiratory and leg muscles before and after aortocoronary bypass operation] Worth H, et al. **Respiration** 1984; 46(1):33-44 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Koelle's copper thiocholine method performed with a low-pH phosphate buffer, followed by osmification of the precipitate: revival of two abandoned procedures. Tsuji S. **Histochemistry** 1984;81(2):129-31

INTERCOSTAL NERVES see under **THORACIC NERVES**

INTERDISCIPLINARY HEALTH TEAM see **PATIENT CARE TEAM**

INTERFEROMETRY

Moire topography: a method of screening for adolescent idiopathic scoliosis. Thompson F, et al. **Ir Med J** 1985 Jun; 78(6):162-5

Detection of stimulated back muscle contractions by moiré topography. Andonian AT. **J Biomech** 1984;17(9):653-61

Moiré topography in scoliosis. Its accuracy in detecting the site and size of the curve. Daruwalla JS, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):211-3

[Possibilities of the early detection of scoliosis using moire topography] Pecina M, et al. **Lijec Vjesn** 1984 Oct; 106(10):395-401 (Eng. Abstr.) **(Scr)**

INSTRUMENTATION

Rapid precision interferometry for the analytical ultracentrifuge. III. Determination of period of rotation, frequency of rotation, and elapsed time. Laue TM, et al. **Anal Biochem** 1984 Nov 15;143(1):103-12

Rapid precision interferometry for the analytical ultracentrifuge. II. A laser controller based on a rate-multiplying circuit. Yphantis DA, et al. **Anal Biochem** 1984 Nov 15;143(1):95-102

METHODS

Pre-keratoplasty potential acuity evaluation. Laser interferometer and potential acuity meter. Steinert RF, et al. **Ophthalmology** 1984 Oct;91(10):1217-21

[Interferometric analysis of the ventilation of rooms] Bruszis HD. **Z Gesamte Hyg** 1984 Sep;30(9):499-502 (Eng. Abstr.) **(Ger)**

INTERFEROMETRY, MICROSCOPIC see **MICROSCOPY, INTERFERENCE**

INTERFERON, ALPHA see **INTERFERON TYPE I**

INTERFERON, BETA see **INTERFERON TYPE I**

INTERFERON, FIBROBLAST see **INTERFERON TYPE I**

INTERFERON, GAMMA see **INTERFERON TYPE II**

INTERFERON, IMMUNE see **INTERFERON TYPE II**

INTERFERON INDUCERS

Dipyridamole induces interferon in man. Galabov AS, et al. **Biomed Pharmacother** 1984;38(8):412-3

Induction of human interferon gamma in nylon-column nonadherent human lymphocyte cells by heat-treated poly I:poly C. Tamura M, et al. **J Interferon Res** 1985 Winter; 5(1):77-84

Membrane events leading to interferon-gamma induction by antigens. Dianzani F, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):139-42

Interferon induction in vitro by polyribonucleotides and intercalating drugs. Jamison JM, et al. **Prog Clin Biol Res** 1985;172B:243-51

Poly 1-Mercapto Poly C: antiviral, anticellular, and pharmacologic effects. Vastola KA, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):407-19

[In vivo interferon-inducing capacity of a multibacterial extract: prospective new use] Pugliese A, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):106-12 (Eng. Abstr.) **(Ita)**

[Enhancing effects on interferon-gamma production by combination of OK-432 and interferon-alpha in patients with head and neck cancer] Sugiyama M, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2200-6 (Eng. Abstr.) **(Jpn)**

[Effects of Staphylococcus aureus Cowan I strain on the natural killer (NK) activity and interferon induction of mouse spleen cells in vitro] Lee B, et al. **Nippon Saikingaku Zasshi** 1984 Sep;39(5):817-9 (Eng. Abstr.) **(Jpn)**

[Interferon-inducing and antiviral activity of dsRNA of yeast origin] Nosik NN, et al. **Vopr Virusol** 1984 Nov-Dec; 29(6):718-20 (Eng. Abstr.) **(Rus)**

[Properties of double-stranded RNA as an interferon inducer] Nosik NN, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):599-603 (Eng. Abstr.) **(Rus)**

[Epidemiological trial of the prophylactic effectiveness of the interferon inducer dipyridamole with respect to influenza and acute respiratory diseases] Kuzmov K, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):26-30 (Eng. Abstr.) **(Rus)**

ANALYSIS

[Physicochemical and biological properties of double-stranded RNA--an interferon inducer] Feldmane GIa, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):463-8 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Induction of human gamma interferon by Sarcophaga peregrina humoral lectin. Tamura M, et al. **FEBS Lett** 1984 Oct 1;175(2):325-8

SLO4, a new interferon inducer isolated from Klebsiella pneumoniae and Escherichia coli. Stefanos S, et al. **J Immunopharmacol** 1985;7(1):43-52

[Natural interferon inducers: double-stranded RNA of killer plasmids of Saccharomyces cerevisiae] Duzhak AB, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):19-21 (Eng. Abstr.) **(Rus)**

METABOLISM

Generation of a soluble IFN-gamma inducer by oxidation of galactose residues on macrophages. Antonelli G, et al. **Cell Immunol** 1985 Sep;94(2):440-6

PHARMACODYNAMICS

Interferon responses in maternal and fetal mice. Evans AT, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):99-102

Preparation and biological properties of a highly active poly(G) X poly(C) inducer of interferon. Torrence PF, et al. **Antiviral Res** 1984 Dec;4(6):339-50

Induction and augmentation of mitogen-induced immune interferon production in human lymphocytes by a synthetic thymopoietin pentapeptide. Diezel W, et al. **Biomed Biochim Acta** 1984;43(6):K9-12

Immunomodulatory effects in mice of polyinosinic-polycytidylic acid complexed with poly-L-lysine and carboxymethylcellulose. Talmadge JE, et al. **Cancer Res** 1985 Mar;45(3):1058-65

Changes induced in the lymphoid system by the double-stranded RNA. Sula K, et al. **Folia Biol (Praha)** 1984;30(5):349-57

Acting mechanisms of Lentinan in human--II. Enhancement of non-specific cell-mediated cytotoxicity as an interferon inducer. Miyakoshi H, et al. **Int J Immunopharmacol** 1984; 6(4):373-9

Induction and inducers of interferon. Ho M. **Interferon** 1984; 1:79-124 (371 ref.)

Induction of interferon-gamma production by human natural killer cells stimulated by hydrogen peroxide. Munakata T, et al. **J Immunol** 1985 Apr;134(4):2449-55

Interferon production in murine macrophage-like cell lines. Salo RJ, et al. **J Leukocyte Biol** 1985 Apr;37(4):395-406

[Effect of the combined use of dextran sulfate and double-stranded RNA on interferon production] Amitina NN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):16-9 (Eng. Abstr.) **(Rus)**

[Electron microscopy-cytochemical study of human leukocytes after interferon induction] Frolova VM, et al. **Antibiotiki** 1984 Oct;29(10):781-4 **(Rus)**

[Stimulating effect of aminoethylisothiuronium on the immune response and interferonogenesis in irradiated mice] Zheleznikova GF, et al. **Radiobiologiia** 1985 Jan-Feb; 25(1):95-9 (Eng. Abstr.) **(Rus)**

[Micromethod for studying interferon inducers in vitro] Ershov FI, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):756-7 **(Rus)**

[Experimental study of the interferonogenic and antiviral activity of biologically active substances] Kremerman IB, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):549-53 (Eng. Abstr.) **(Rus)**

[Effect of thymosin on interferon production and antiviral resistance in mice] Nosik NN, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):64-7 (Eng. Abstr.) **(Rus)**

[Stimulating action of calcium chloride on the formation of human immune interferon] Orlova TG, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):99-102 **(Rus)**

[Production of gamma and alpha interferons by human blood leukocytes in sequential induction] Orlova TG, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):196-8 (Eng. Abstr.) **(Rus)**

[Biological characteristics of new interferon inducers created on a gossypol base] Saiitkulov AM, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):749-51 **(Rus)**

PHYSIOLOGY

Natural killing target antigens as inducers of interferon: studies with an immunoselected, natural killing-resistant human T lymphoblastoid cell line. Howell DN, et al. **J Immunol** 1985 Feb;134(2):971-6

THERAPEUTIC USE

Defective leukocyte interferon response in children with recurrent infections accompanied by arthralgia. Bondestam M, et al. **Acta Paediatr Scand** 1985 Mar;74(2):219-25

Immunotherapeutic potential in murine tumor models of polyinosinic-polycytidylic acid and poly-L-lysine solubilized by carboxymethylcellulose. Talmadge JE, et al. **Cancer Res** 1985 Mar;45(3):1066-72

Enhancement of resistance to Listeria monocytogenes infection in mice by pyrimidine analogs. Anthony LS, et al. **Clin Invest Med** 1984;7(4):343-8

Response of mouse tumor to interferon inducer and radiation. Lvovsky EA, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1721-5

[Experimental substantiation of immunomodulating therapy with sodium nucleinate in tuberculosis] Cernuşenko EF, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):143-50 (Eng. Abstr.) **(Rum)**

[The search for low-molecular interferon inducers--an important trend in the development of chemotherapy] Pershin GN. **Farmakol Toksikol** 1985 May-Jun;48(3):16-8 **(Rus)**

[Vaccine and poludan in experimental and clinical herpes simplex] Semenova TB, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):24-7 (Eng. Abstr.) **(Rus)**

[Effectiveness of interferon inducers in experimental influenza] Ershov FI, et al. **Vopr Virusol** 1984 Nov-Dec; 29(6):706-7 (Eng. Abstr.) **(Rus)**

[Use of interferon inducers in treating viral diseases] Frolov AF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug; (8):58-62 (Eng. Abstr.) **(Rus)**

[Effect of interferon and its liposome-incorporated inducer on the recovery of natural killer activity after immobilization stress] Sukhikh GT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):81-4 (Eng. Abstr.) **(Rus)**

INTERFERON, LEUKOCYTE see **INTERFERON TYPE I**

INTERFERON, LYMPHOBLAST see **INTERFERON TYPE I**

INTERFERON TYPE I

Prediction structure type for human leukocyte interferon subtype A from circular dichroism. Manavalan P, et al. **FEBS Lett** 1984 Oct 1;175(2):227-30

Structural model for interferons. Ptitsyn OB, et al. **FEBS Lett** 1985 Jul 8;186(2):143-8

Predicted secondary structure and hydrophobic cores of T-cell (TCGF or IL-2) and platelet-derived growth factors as well as of transforming protein p28sis of simian sarcoma virus are similar to those of interferons. Zav'yalov VP, et al. **Immunol Lett** 1985;10(2):71-9

Secondary structure of human leukocyte interferon from Raman spectroscopy. Williams RW. **J Biol Chem** 1985 Apr 10;260(7):3937-40

Sequence homology of the LFA-1 and Mac-1 leukocyte adhesion glycoproteins and unexpected relation to leukocyte interferon. Springer TA, et al. **Nature** 1985 Apr 11-17;314(6011):540-2

ADMINISTRATION & DOSAGE

Intrathecal administration of human leukocyte interferon to a patient with subacute sclerosing panencephalitis. Nakagawa M, et al. **Acta Paediatr Scand** 1985 Mar; 74(2):309-10

Recombinant leukocyte A interferon as single agent therapy or in combination with cimetidine in patients with advanced colo-rectal carcinoma. A phase II investigation. Flodgren P, et al. **Acta Radiol [Oncol]** 1985 Jan-Feb; 24(1):25-34

Comparison of intramuscular and intravenous recombinant alpha-2 interferon in melanoma and other cancers. Kirkwood JM, et al. **Ann Intern Med** 1985 Jul;103(1):32-6

Immune functions in melanoma patients during treatment with interferon [HuIFN-alpha (Le)] alone or in combination with cimetidine. Flodgren P, et al. **Anticancer Res** 1985 Mar-Apr;5(2):197-204

Prophylactic efficacy and tolerance of low-dose intranasal interferon-alpha 2 in natural respiratory viral infections. Hayden FG, et al. **Antiviral Res** 1985 Apr;5(2):111-6

Platelet-adjusted IFN dosage in the treatment of advanced hairy cell leukemia. Porzsolt F, et al. **Blut** 1985 Aug; 51(2):73-82

A Phase II trial of high-dose intravenous interferon alpha-2 in advanced colorectal cancer. Silgals RM, et al. **Cancer** 1984 Nov 15;54(10):2257-61

American cancer society Phase I trial of naturally produced beta-interferon. Hawkins MJ, et al. **Cancer Res** 1984 Dec; 44(12 Pt 1):5934-8

Antiproliferative and immunomodulatory actions of beta-interferon and double-stranded RNA, individually and in combination, on human bladder tumor xenografts in nude mice. Hubbell HR, et al. **Cancer Res** 1985 Jun; 45(6):2481-6

Human leukocyte interferon and intermittent high-dose melphalan-prednisone administration in the treatment of multiple myeloma: a randomized clinical trial from the Myeloma Group of Central Sweden. Ahre A, et al. **Cancer Treat Rep** 1984 Nov;68(11):1331-8

Phase I study of weekly high-dose human lymphoblastoid interferon. Connors JM, et al. **Cancer Treat Rep** 1984 Sep; 68(9):1093-6

Phase II trial of high-dose recombinant leukocyte alpha-2 interferon for metastatic colorectal cancer without previous systemic treatment. Eggermont AM, et al. **Cancer Treat Rep** 1985 Feb;69(2):185-7

Phase II trial of alpha-lymphoblastoid interferon given weekly as treatment of advanced breast cancer. Sarna GP, et al. **Cancer Treat Rep** 1985 May;69(5):547-9

Prospectively randomized toxicity study of high-dose versus low-dose treatment strategies for lymphoblastoid interferon. Silver HK, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):743-50

Biological activities of human recombinant interferon alpha/beta targeted by anti-Epstein-Barr virus monoclonal antibodies. Miescher-Granger S, et al. **FEBS Lett** 1985 Jan 1;179(1):29-33

Leukocyte interferon as a possible biological response modifier in lymphoproliferative disorders resistant to standard therapy. Clark RH, et al. **J Biol Response Mod** 1984 Dec;3(6):613-9

Potentiation of interferon's antiviral activity by the mutually synergistic interaction of MuIFN-alpha/beta and MuIFN-gamma. Schwarz LA, et al. **J Biol Response Mod** 1984 Dec;3(6):608-12

Low doses of interferon alpha result in more effective clinical natural killer cell activation. Edwards BS, et al. **J Clin Invest** 1985 Jun;75(6):1908-13

Stimulation of genetic resistance to marrow grafts in mice by interferon-alpha/beta. Afifi MS, et al. **J Immunol** 1985 Jun;134(6):3739-45

Intralesional administration of large doses of human leukocyte interferon for the treatment of condylomata acuminata. Geffen JR, et al. **J Infect Dis** 1984 Oct; 150(4):612-5

Evening administration of alpha interferon [letter] Abrams PG, et al. **N Engl J Med** 1985 Feb 14;312(7):443-4

Topical treatment of flat vaginal condyloma with human leukocyte interferon. Vesterinen E, et al.

Obstet Gynecol 1984 Oct;64(4):535-8

Continuous usage of low doses of human leukocyte interferon with contact lenses in herpetic keratoconjunctivitis. Reccia R, et al. **Ophthalmic Res** 1985;17(4):251-6

[Assessment of the combined effects of mitomycin C with alpha-interferon or gamma-interferon by the clonogenic assay technique] Hirabayshi N, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1056-62 (Eng. Abstr.) **(Jpn)**

[Antitumor effect of human recombinant interferon-alpha A/D in mice(I): Comparison between systemic and lesional treatment of meth-A sarcoma in BALB/c mice] Nanjo M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):505-9 (Eng. Abstr.) **(Jpn)**

[Combination therapy with HU IFN-beta and ACNU against malignant brain tumors, Part 1. Experimental study in vitro] Yoshida J, et al. **Gan To Kagaku Ryoho** 1985 Jan; 12(1):99-104 (Eng. Abstr.) **(Jpn)**

[Use of a new Soviet human leukocyte interferon injectable II in treating basaliomas] Berenbein BA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):31-3 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Analysis of granulocyte-macrophage progenitor cells in patients treated with recombinant interferon alpha-2. Ernstoff MS, et al. **Am J Med** 1985 Aug;79(2):167-70

Nephrotic syndrome during treatment with interferon. Selby P, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1180

Reversible cardiac arrhythmia in a breast cancer patient treated with recombinant alpha interferon [letter] Martino S, et al. **Breast Cancer Res Treat** 1985;5(3):327-9

Coagulopathy induced by continuous infusion of high doses of human lymphoblastoid interferon. Mirro J Jr, et al. **Cancer Treat Rep** 1985 Mar;69(3):315-7

Immune thrombocytopenia following alpha-interferon therapy in patients with cancer. McLaughlin P, et al. **JAMA** 1985 Sep 13;254(10):1353-4

Autoimmune thyroid disease in interferon-treated patients [letter] **Lancet** 1985 Jul 13;2(8446):100-1

Neuralgic amyotrophy and polyradiculopathy during interferon therapy [letter] Bernsen PL, et al. **Lancet** 1985 Jan 5;1(8419):50

Interferon-induced parotitis and epididymitis [letter] Bevan PC. **Lancet** 1985 Sep 7;2(8454):561

Primary hypothyroidism associated with interferon therapy of breast cancer [letter] Fentiman IS, et al. **Lancet** 1985 May 18;1(8438):1166

Electroencephalographic abnormalities in interferon encephalopathy: a preliminary report. Suter CC, et al. **Mayo Clin Proc** 1984 Dec;59(12):847-50

Increased growth of eyelashes in a patient given leukocyte A interferon [letter] Foon KA, et al. **N Engl J Med** 1984 Nov 8;311(19):1259

ANALYSIS

A practical cytopathic effect/dye-uptake interferon assay for routine use in the clinical laboratory. Yousefi S, et al. **Am J Clin Pathol** 1985 Jun;83(6):735-40

Immunoassay for the quantitation of human leukocyte interferon. Berthold W, et al. **Arzneimittelforsch** 1985; 35(1A):364-9

A study showing a high degree of interlaboratory variation in the assay of human interferon. Giard DJ, et al. **J Biol Stand** 1984 Jul;12(3):265-9

Analysis of different forms of recombinant human leukocyte interferons and synthetic fragments by high-performance liquid chromatography. Felix AM, et al. **J Chromatogr** 1985 Jun 26;327:359-68

Automated high-performance immunosorbent assay for recombinant leukocyte A interferon. Roy SK, et al. **J Chromatogr** 1985 Jun 26;327:189-92

High-performance immunosorbent purification of recombinant leukocyte A interferon. Roy SK, et al. **J Chromatogr** 1984 Oct 26;303(1):225-8

Measurement of interferon from in vitro stimulated lymphocytes by bioassay and monoclonal antibody-based immunoassay. Scott GM, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1621-5

Neutralization of interferon by antibody: appraisals of methods of determining and expressing the neutralization titer. Kawade Y, et al. **J Interferon Res** 1984 Fall; 4(4):571-84

Autoradiographic demonstration of human 125I-interferon alpha in lysosomes of rabbit proximal tubule cells. Bocci V, et al. **J Submicrosc Cytol** 1984 Oct;16(4):753-7

[Enzymeimmunoassay of human interferon-alpha using monoclonal antibody] Agui A, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):424-33 (Eng. Abstr.) **(Jpn)**

[Development and use of an immunoenzyme method for detecting interferon] Kiktenko AV. **Vopr Virusol** 1985 Mar-Apr;30(2):242-4 **(Rus)**

BIOSYNTHESIS

Defective leukocyte interferon response in children with recurrent infections accompanied by arthralgia. Bondestam M, et al. **Acta Paediatr Scand** 1985 Mar;74(2):219-25

Interferon production in children with respiratory diseases. Vaněček K, et al. **Acta Paediatr Scand** 1985 Jan; 74(1):118-21

Natural cytotoxicity and interferon production in patients with recurrent respiratory papillomatosis. Naiman HB, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):483-7

Evidence for IFN-beta heterogeneity in a substrain of Namalwa cells. Borg H, et al. **Appl Biochem Biotechnol** 1985 Apr;11(2):111-22

Effect of plant extracts on the in vitro interferon synthesis. Zielińska-Jenczylik J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):577-82

Stabilisation of human interferon beta synthesis in Escherichia coli by zinc ions. Gross G, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):207-13

Studies on activation of benzo[a]pyrene for inhibition of interferon induction. DeLor DK, et al. **Environ Res** 1985 Jun;37(1):205-11

Properties of bovine interferons. Luna VE, et al. **Experientia** 1984 Dec 15;40(12):1410-2

Relationship between natural killer (NK) cells and interferon (IFN) alpha-producing cells in human peripheral blood. Studies with a monoclonal antibody with specificity for human natural killer cells. Abb J, et al. **Immunobiology** 1984 Oct;167(4):359-64

Interferon production in primary immunodeficiencies. Matricardi PM, et al. **J Clin Immunol** 1984 Sep;4(5):388-94

Stimulation of fibroblast interferon production by a 22K protein from human leukocytes. Van Damme J, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):693-700

Human lymphocyte responses to hepatitis A virus-infected cells: interferon production and lysis of infected cells. Kurane I, et al. **J Immunol** 1985 Sep;135(3):2140-4

T cell regulation of interferon-alpha/beta (IFN-alpha/beta) production by alloantigen-stimulated bone marrow cells. Reyes VE, et al. **J Immunol** 1985 May;134(5):3137-41

Hepatitis A virus infection and the interferon system. Vallbracht A, et al. **J Infect Dis** 1985 Jul;152(1):211-3

Cell to cell transmission of the 'priming' effect on the induction of human fibroblast interferon. Chen L. **J Interferon Res** 1985 Winter;5(1):111-9

Production and partial purification of rat fibroblast-derived interferon induced in a newly established cell line. Davis CT, et al. **J Interferon Res** 1984 Summer;4(3):365-74

Genetics of susceptibility of mice to inhibition of interferon induction by benzo-(a)-pyrene. Golemboski KA, et al. **J Interferon Res** 1984 Summer;4(3):329-34

Characterization of lymphocyte interferons with different species specificities from normal and genetically dystrophic chickens. Thacore HR, et al. **J Interferon Res** 1985 Spring; 5(2):279-88

Production of interferon alpha and interferon gamma by peripheral blood leukocytes from patients with chronic hepatitis B virus infection. Abb J, et al. **J Med Virol** 1985 Jun;16(2):171-6

Immune-specific interferon production by peripheral blood mononuclear leukocytes from patients with primary and recurrent oro-labial herpes simplex virus infections. Green JA, et al. **J Med Virol** 1985 Jul;16(3):297-305

Interferons from culture [letter] Finter NB. **Lancet** 1984 Oct 13;2(8407):876

Genetic engineering patents. Contest in prospect over interferon rights [news] Beardsley T. **Nature** 1985 Mar 21-27;314(6008):207

Identification of individual interferon-producing cells by in situ hybridization. Zawatzky R, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1136-40

Induction of alpha interferon by membrane interaction between viral surface and peripheral blood mononuclear cells. Capobianchi MR, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):551-6

Effect of antiorthostatic suspension on interferon-alpha/beta production by the mouse. Rose A, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):253-6

[Effect of the combined use of dextran sulfate and double-stranded RNA on interferon production] Amitina NN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):16-9 (Eng. Abstr.) **(Rus)**

[Interferon production using the peripheral leukocytes of leukemic children] Nemirovskaia BM, et al. **Eksp Onkol** 1984;6(2):60-2 (Eng. Abstr.) **(Rus)**

[Production of gamma and alpha interferons by human blood leukocytes in sequential induction] Orlova TG, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):196-8 (Eng. Abstr.) **(Rus)**

BLOOD

Decreased production of interferon alpha and interferon gamma in leucocyte cultures of schizophrenic patients. Moises HW, et al. **Acta Psychiatr Scand** 1985 Jul; 72(1):45-50

Pharmacokinetics and tolerance of intravenous and intramuscular recombinant alpha 2 interferon in patients with malignancies. Shah I, et al. **Am J Hematol** 1984; 17(4):363-71

Role of interferon in AIDS. Preble OT, et al. **Ann NY Acad Sci** 1984;437:65-75

Serum alpha interferon and lymphocyte inclusions in systemic lupus erythematosus. Klippel JH, et al. **Ann Rheum Dis** 1985 Feb;44(2):104-8

The value of a radioimmunological monitoring in cancer patients treated with interferon alpha. Bernier J, et al. **Bull Cancer (Paris)** 1984;71(5):405-11

Analysis of the interferon system in African patients with acquired immunodeficiency syndrome. Huygen K, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):304-9

Pharmacokinetics of human lymphoblastoid interferon in rabbits. Bocci V, et al. **Gen Pharmacol** 1985;16(3):277-9

Presence of an acid-labile alpha-interferon in sera from fetuses and children with congenital rubella. Lebon P, et al. **J Clin Microbiol** 1985 May;21(5):775-8

Acute type A hepatitis during chronic hepatitis B virus infection: association of depressed hepatitis B virus replication with appearance of endogenous alpha interferon. Davis GL, et al. **J Med Virol** 1984;14(2):141-7

Inactivation of interferon by serum and synovial fluids. O'Kelly P, et al. **Proc Soc Exp Biol Med** 1985 Mar; 178(3):407-11

[Immunoglobulins, interferon and T- and B lymphocytes in patients with bronchial asthma vaccinated with Alavac, Vibrio cholerae vaccine and polyvaccine] Krasnowska M, et al. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):361-3 (Eng. Abstr.) **(Pol)**

CEREBROSPINAL FLUID

Intrathecal synthesis of different alpha-interferons in patients with various neurological diseases. Dussaix E, et al. **Acta Neurol Scand** 1985 Jun;71(6):504-9

Neutralizing antibody and interferon-alpha in cerebrospinal fluids and sera of acute aseptic meningitis. Ichimura H, et al. **J Med Virol** 1985 Mar;15(3):231-7

IFN-gamma and IFN-alpha in CSF in viral meningitis [letter] Abbott RJ, et al. **Lancet** 1985 Aug 24;2(8452):456-7

CHEMICAL SYNTHESIS

Fragment couplings with stepwise couplings in solid-phase synthesis. Synthesis of a fragment of human leukocyte interferon. Ljungqvist A, et al. **Acta Chem Scand [B]** 1984; 38(5):375-9

CLASSIFICATION

Immunologic differentiation between E. coli and CHO cell-derived recombinant and natural human beta-interferons. Colby CB, et al. **J Immunol** 1984 Dec; 133(6):3091-5

DEFICIENCY

Immunostimulatory function of herpes simplex virus isolates from patients with frequent herpes labialis and a deficiency in immune-specific interferon production. Klieman RL, et al. **J Med Virol** 1985 Jul;16(3):289-96

GENETICS

Structure of mouse interferon-beta cDNA clones: sequence rearrangements in a cloned cDNA. Vodjdani G, et al. **Biochem Int** 1985 Mar;10(3):495-505

Delimitation and properties of DNA sequences required for the regulated expression of human interferon-beta gene. Fujita T, et al. **Cell** 1985 Jun;41(2):489-96

Human beta-interferon gene expression is regulated by an inducible enhancer element. Goodbourn S, et al. **Cell** 1985 Jun;41(2):509-20

A 46-nucleotide promoter segment from an IFN-alpha gene renders an unrelated promoter inducible by virus. Ryals J, et al. **Cell** 1985 Jun;41(2):497-507

Efficient constitutive production of human fibroblast interferon by hamster cells transformed with the IFN-beta 1 gene fused to an SV40 early promoter. Chernajovsky Y, et al. **DNA** 1984 Aug;3(4):297-308

Efficient expression in Escherichia coli of two species of human interferon-alpha and their hybrid molecules. Mizoguchi J, et al. **DNA** 1985 Jun;4(3):221-32

Two non-allelic human interferon alpha genes with identical coding regions. Todokoro K, et al. **EMBO J** 1984 Aug; 3(8):1809-12

Pseudogene IFN-alpha L: removal of the stop codon in the signal sequence permits expression of active human interferon. Fuke M, et al. **Gene** 1984 Dec;32(1-2):135-40

Factors affecting heterologous gene expression in Saccharomyces cerevisiae. Mellor J, et al. **Gene** 1985; 33(2):215-26

Synthesis and secretion of biologically active mouse interferon-beta using a Bacillus subtilis alpha-amylase secretion vector. Shiroza T, et al. **Gene** 1985;34(1):1-8

The gene for human fibroblast interferon (IFB) maps to 9p21. Henry L, et al. **Hum Genet** 1984;68(1):67-9

The control of interferon-alpha and interferon-beta gene expression. Burke DC, et al. **Interferon** 1984;3:85-111 (132 ref.)

The production of interferons from natural sources. Edy VG. **Interferon** 1984;1:217-32 (89 ref.)

Bovine interferon alpha genes. Structure and expression. Velan B, et al. **J Biol Chem** 1985 May 10;260(9):5498-504

Analysis of human blood monocyte activation at the level of gene expression. Expression of alpha interferon genes during activation of human monocytes by poly IC/LC and muramyl dipeptide. Stevenson HC, et al. **J Exp Med** 1985 Mar 1;161(3):503-13

Mouse interferon alpha and beta genes are linked at the centromere proximal region of chromosome 4. van der Korput JA, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):493-502

Constitutive expression of a murine interferon alpha gene in hamster cells and characterization of its protein product. Zwarthoff EC, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):685-91

Isolation and bacterial expression of a murine alpha leukocyte interferon gene. Daugherty B, et al. **J Interferon Res** 1984 Fall;4(4):635–43

Novel human leukocyte interferon subtype and structural comparison of alpha interferon genes. Gren E, et al. **J Interferon Res** 1984 Fall;4(4):609–17

Differential expression of interferon genes in a substrain of Namalwa cells. Lund B, et al. **J Interferon Res** 1985 Spring; 5(2):229–38

Segregation of restriction fragment length polymorphism in an interspecies cross of laboratory and wild mice indicates tight linkage of the murine IFN-beta gene to the murine IFN-alpha genes. Dandoy F, et al. **J Virol** 1985 Oct; 56(1):216–20

Fibroblast interferon from a human amniotic cell line: a strategy for rapid molecular cloning. Lorenzetti R, et al. **Microbiologica** 1984 Jul;7(3):229–42

Two distinct families of human and bovine interferon-alpha genes are coordinately expressed and encode functional polypeptides. Capon DJ, et al. **Mol Cell Biol** 1985 Apr; 5(4):768–79

Family of human alpha-interferon-like sequences. Feinstein SI, et al. **Mol Cell Biol** 1985 Mar;5(3):510–7

Structure of a murine alpha interferon pseudogene with a repetitive R-type sequence in the 3' flanking region. Le Roscouet D, et al. **Mol Cell Biol** 1985 Jun;5(6):1343–8

Production of human alpha-interferon in silkworm using a baculovirus vector. Maeda S, et al. **Nature** 1985 Jun 13–19; 315(6020):592–4

Is sequence conservation in interferons due to selection for functional proteins? Valenzuela D, et al. **Nature** 1985 Feb 21–27;313(6004):698–700

A novel class of human type I interferons. Hauptmann R, et al. **Nucleic Acids Res** 1985 Jul 11;13(13):4739–49

Changes of chromatin conformation around mouse interferon-beta gene associated with induction of interferon synthesis. Higashi Y. **Nucleic Acids Res** 1985 Jul 25; 13(14):5157–72

Characterization of a mouse interferon gene locus II. Differential expression of alpha-interferon genes. Kelley KA, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):825–39

Characterization of a mouse interferon gene locus I. Isolation of a cluster of four alpha interferon genes. Kelley KA, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):805–23

A human IFN-beta 1 gene deleted of promoter sequences upstream from the TATA box is controlled post-transcriptionally by dsRNA. Nir U, et al. **Nucleic Acids Res** 1984 Sep 25;12(18):6979–93

Organization, structure and expression of murine interferon alpha genes. Zwarthoff EC, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):791–804

The expression of human interferon alpha genes. Hiscott J, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):217–26

Internal duplication in human alpha 1 and beta 1 interferons. Erickson BW, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7171–5

Site-specific mutagenesis of the human fibroblast interferon gene. Mark DF, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5662–6

Significance of similarities in patterns: an application to beta interferon-related DNA on human chromosome 2. May LT, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4090–4

Close linkage of alpha and beta interferons and infrequent duplication of beta interferon in humans. Ohlsson M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4473–6

Human genomic library screened with 17-base oligonucleotide probes yields a novel interferon gene. Torczynski RM, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(20):6451–5

Human beta:alpha but not gamma interferon binding site is a product of the chromosome 21 interferon action gene. Fournier A, et al. **Somatic Cell Mol Genet** 1985 May; 11(3):291–5

Interferon-beta-related DNA on human chromosome 4. Sagar AD, et al. **Somatic Cell Mol Genet** 1985 Jul; 11(4):403–8

[Analysis of human leukocyte interferon gene cloned in plasmid p8218] Lu CD, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):1–4 (Eng. Abstr.) **(Chi)**

[Expression of the human beta-interferon gene in E. coli cells] Mashko SV, et al. **Dokl Akad Nauk SSSR** 1985 May–Jun;282(1):210–5 **(Rus)**

[Synthesis and processing in Escherichia coli of human leukocyte interferon linked with the signal sequence of Bacillus amyloliquefaciens alpha-amylase] Sorokin AV, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1490–3 **(Rus)**

IMMUNOLOGY

Deficiency of interferon-alpha generating capacity is associated with susceptibility to opportunistic infections in patients with AIDS. Lopez C, et al. **Ann NY Acad Sci** 1984;437:39–48

Relationship between circulating interferon and anti-interferon antibodies and impaired natural killer cell activity in systemic lupus erythematosus. Sibbitt WL Jr, et al. **Arthritis Rheum** 1985 Jun;28(6):624–9

The significance of alpha/beta interferons and gamma interferon produced in mice infected with Listeria monocytogenes. Nakane A, et al. **Cell Immunol** 1984 Oct 1;88(1):29–40

Immunoregulatory effects of interferon-alpha. I. Interferon-alpha inhibits in vitro antibody synthesis by normal human lymphocytes. Pelton BK, et al. **Clin Exp Immunol** 1985 Feb;59(2):398–404

Detection of anti-interferon antibodies in systemic lupus erythematosus. Suit BE, et al. **Clin Exp Rheumatol** 1983 Apr–Jun;1(2):133–5

Lymphocyte-keratinocyte interactions mediated through interferon. New observations relevant to psoriasis. Nickoloff BJ. **Cutis** 1984 Nov;34(5):445–6

Characterization of monoclonal antibody specific for human alpha interferon. Laurent AG, et al. **Hybridoma** 1982; 1(3):313–22

Activation of neonatal and adult human macrophages by alpha, beta, and gamma interferons. Wilson CB, et al. **Infect Immun** 1985 Aug;49(2):351–6

Human fibroblast interferon in cervical and vulvar intraepithelial neoplasia associated with papilloma virus infection. De Palo G, et al. **Int J Tissue React** 1984; 6(6):523–7

Antibodies to synthetic peptides of human interferon-beta. Use in biosynthetic studies. Chow TP, et al. **J Biol Chem** 1984 Oct 10;259(19):12220–5

Effects of interferon and radiation dose on the suppressive activity of human lymphocytes primed with allogeneic cells in mixed lymphocyte cultures. Aebersold P, et al. **J Biol Response Mod** 1985 Jun;4(3):251–7

Recombinant DNA-derived interferons-alpha and -beta modulate the alloactivated proliferative response of bulk and cloned human lymphocytes. Chen BP, et al. **J Biol Response Mod** 1985 Jun;4(3):287–97

Differential effects of interferon-alpha 2 and interleukin-2 on natural killer cell activity in patients with acquired immune deficiency syndrome. Reddy MM, et al. **J Biol Response Mod** 1984 Aug;3(4):379–86

Human peripheral blood monocytes are susceptible to interferon-activated natural killer cells. Einhorn S, et al. **J Clin Lab Immunol** 1985 Apr;16(4):197–9

A comparison of the neutralizing properties of monoclonal and polyclonal antibodies to human interferon alpha. Exley T, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2277–80

Stimulation of in vitro immunoglobulin production by interferon-alpha. Neubauer RH, et al. **J Immunol** 1985 Jan; 134(1):299–304

Interferon-like activity in an anti-interferon anti-idiotypic hybridoma antibody. Osheroff PL, et al. **J Immunol** 1985 Jul;135(1):306–13

Monoclonal antibodies that distinguish between subspecies of human interferon-alpha and that detect interferon oligomers. Shearer M, et al. **J Immunol** 1984 Dec; 133(6):3096–101

A radioimmunologic technique to screen for antibodies to alpha-2 interferon. Protzman WP, et al. **J Immunol Methods** 1984 Dec 31;75(2):317–23

Characteristics of autoantibodies to human interferon in a patient with varicella-zoster disease. Pozzetto B, et al. **J Infect Dis** 1984 Nov;150(5):707–13

Identification, production, and characterization of murine monoclonal antibody (LO-22) recognizing 12 native species of human alpha interferon. Berg K. **J Interferon Res** 1984 Fall;4(4):481–91

Antigenicity of mouse interferons induced in vitro and in vivo by poly(I).poly(C). Machida H, et al. **J Interferon Res** 1984 Summer;4(3):347–53

Genetic control of neutralizing antibody response to mouse interferon in rats. Murasko DM, et al. **J Interferon Res** 1984 Fall;4(4):435–40

Microinjection of anti-interferon antibodies into cells does not inhibit the induction of an antiviral state by interferon. Arnheiter H, et al. **J Virol** 1984 Oct;52(1):284–7

Injection of mice with antibody to mouse interferon alpha/beta decreases the level of 2'-5' oligoadenylate synthetase in peritoneal macrophages. Gresser I, et al. **J Virol** 1985 Jan;53(1):221–7

Tumoricidal activity of an acute promyelocytic leukemia cell line (HL-60) is augmented by human interferon alpha. Buessow SC, et al. **Leuk Res** 1984;8(5):801–11

PHA-ICC, ADCC and NK in patients with ANLL in CR: human fibroblastic interferon fails to increase NK-active cell frequency. Fontana L, et al. **Leuk Res** 1984;8(5):885–91

Endogenous regulation of macrophage proliferation and differentiation by E prostaglandins and interferon alpha/beta. Moore RN, et al. **Lymphokine Res** 1985 Winter; 4(1):43–50

Interferon amplifies complement activation by Burkitt's lymphoma cells. Yefenof E, et al. **Nature** 1985 Feb 21–27; 313(6004):684–5

Ontogeny of protection of neonatal mice from lethal herpes simplex virus infection by human leukocytes, antiviral antibody, and recombinant alpha-interferon. Kohl S, et al. **Pediatr Res** 1984 Nov;18(11):1164–7

Interferon-induced protein Mx accumulates in nuclei of mouse cells expressing resistance to influenza viruses. Dreiding P, et al. **Virology** 1985 Jan 15;140(1):192–6

[Effect of rifampicin on cell mediated immunity in patients with pulmonary tuberculosis--with special reference to interferon-producing ability of peripheral blood lymphocytes] Hirano A. **Kekkaku** 1984 Jun;59(6):385–93 (Eng. Abstr.) **(Jpn)**

[Studies of reciprocal relation between NK cell activities and interferons in asbestosis] Kubota M, et al. **Nippon Eiseigaku Zasshi** 1984 Aug;39(3):633–9 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Purification of the major species of human leucocyte interferon with the help of a monoclonal antibody. Laurent AG, et al. **Dev Biol Stand** 1984;57:305–10

[Use of monoclonal antibodies in the purification and analysis of human interferon] Adolf GR. **Wien Klin Wochenschr** 1985 Mar 1;97(5):240–3 (Eng. Abstr.) **(Ger)**

[Test production and clinical use of human leukocyte interferon in Hokkaido Red Cross Blood Center] Kuroda M, et al. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):97–103 (Eng. Abstr.) **(Jpn)**

[Inactivation of the inductor virus (Newcastle disease virus) during the isolation of porcine leukocyte interferon] Kuznetsov VP, et al. **Antibiot Med Biotekhnol** 1985 Apr; 30(4):292–6 (Eng. Abstr.) **(Rus)**

METABOLISM

Pulmonary catabolism of interferons: alveolar absorption of 125I-labeled human interferon alpha is accompanied by partial loss of biological activity. Bocci V, et al. **Antiviral Res** 1984 Aug;4(4):211–20

New derivatives of blue dextran binding and stabilizing human or mouse interferons. Piasecki E, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):231–8

Distribution of alpha interferon in serum and cerebrospinal fluid after systemic administration. Smith RA, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):85–8

Kinetics of internalisation and degradation of surface-bound interferon in human lymphoblastoid cells. Evans T, et al. **EMBO J** 1984 Dec 1;3(12):2975–8

Receptor dynamics of closely related ligands: 'fast' and 'slow' interferons. Uzé G, et al. **EMBO J** 1985 Jan;4(1):65–70

Intravenous and intramuscular pharmacokinetics of recombinant leukocyte A interferon. Bornemann LD, et al. **Eur J Clin Pharmacol** 1985;28(4):469–71

Single high affinity binding of interferon alpha 2 to receptors on human lymphoblastoid cells: internalization and inactivation of receptors. Faltynek CR, et al. **J Cell Physiol** 1985 Jun;123(3):459–66

125I-labelled human interferons alpha, beta and gamma: comparative receptor-binding data. Merlin G, et al. **J Gen Virol** 1985 May;66 (Pt 5):1149–52

Receptors for human alpha interferon: are gangliosides involved? Gupta SL, et al. **J Interferon Res** 1984 Summer; 4(3):305–14

Use of 125I-interferons in pharmacokinetic and tissue distribution studies. Palleroni AV, et al. **J Interferon Res** 1984 Fall;4(4):493–8

The fate of [125I]-labeled human leukocyte-derived alpha interferon in the rat. Rosenberg H, et al. **J Interferon Res** 1985 Winter;5(1):121–7

Different pharmacokinetics between natural and recombinant human interferon beta in rabbits. Satoh YI, et al. **J Interferon Res** 1984 Summer;4(3):411–22

Complex kinetics of binding of human alpha-2 interferon to human, but not bovine cells. Taylor-Papadimitriou J, et al. **J Interferon Res** 1984 Fall;4(4):553–9

Pharmacokinetics of recombinant alpha A interferon following I.V. infusion and bolus, I.M., and P.O. administrations to African green monkeys. Wills RJ, et al. **J Interferon Res** 1984 Summer;4(3):399–409

Comparison of disappearance from blood and lymphatic delivery of human fibroblast interferon in rat by different administration routes. Yoshikawa H, et al. **J Pharmacobiodyn** 1985 Mar;8(3):206–10

Binding of 125I-labeled recombinant beta interferon (IFN-beta Ser17) to human cells. O'Rourke EC, et al. **Mol Cell Biol** 1984 Dec;4(12):2745–9

Kinetics of inhibition of in vitro interferon-alpha/beta production after benzo-(a)-pyrene exposure. Golemboski KA, et al. **Oncology** 1985;42(3):169–73

Murine interferon-beta receptor-mediated endocytosis and nuclear membrane binding. Kushnaryov VM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3281–5

Antibodies to chromosome 21 coded cell surface components block binding of human alpha interferon but not gamma interferon to human cells. Shulman LM, et al. **Virology** 1984 Sep;137(2):422–7

PHARMACODYNAMICS

Greater sensitivity of caprine synovial membrane cells to human interferon-alpha than human or bovine cells. Yilma T, et al. **Am J Vet Res** 1984 Oct;45(10):2094–5

Immunoregulatory effects of alpha-interferon. Effects on in-vitro antibody synthesis by lymphocytes from patients with rheumatoid arthritis. Pelton BK, et al. **Ann Rheum Dis** 1985 Mar;44(3):143–7

Inhibition of human cytomegalovirus replication by 9-(1,3-dihydroxy-2-propoxymethyl)guanine alone and in combination with human interferons. Rasmussen L, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):441–5

Comparison of antiviral activities of cloned and native human interferons against herpes simplex virus types 1 and 2 and human cytomegalovirus. Rasmussen LE, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):599–600

Interferon aerosol suppression of vesicular stomatitis virus replication in the lungs of infected mice. Wyde PR, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):450–4

Disparate response of encephalomyocarditis virus and MM virus to interferon in JLS-V9R cells. Czarniecki CW, et al. **Antiviral Res** 1984 Dec;4(6):351-5

Potentiating effect of murine interferon-gamma-containing lymphokine preparations on the antiviral and antiproliferative effects of murine interferon-alpha/beta: identification of the potentiation factor as murine interferon-gamma itself. Fleischmann WR Jr, et al. **Antiviral Res** 1984 Aug;4(4):221-8

Reversible resistance to the antiviral action of interferon observed in altered BHK cells resistant to HVJ (Sendai virus) infection. Brief report. Kimura Y, et al. **Arch Virol** 1984;82(3-4):241-6

Direct evidence for the anti-inflammatory effect of human interferon-alpha in CFLP mice. Brief report. Mécs I, et al. **Arch Virol** 1985;85(1-2):151-5

Recombinant human interferon sensitizes resistant myeloid leukemic cells to induction of terminal differentiation. Grant S, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):379-88

Inhibitor of 2',5'-oligoadenylate synthetase induced in human T lymphoblastoid cell line treated with deoxyadenosine, deoxycoformycin and interferon. Heike T, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1019-25

Human leukocyte interferon inhibits human chorionic gonadotropin stimulated testosterone production by porcine Leydig cells in culture. Orava M, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):809-15

Development of transformed phenotype induced by a human ras oncogene is inhibited by interferon. Samid D, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):509-16

In vitro translation of polyadenylated RNA isolated from control and interferon-treated human promyelocytic HL-60 leukemic cells. Borelli TJ, et al. **Biochem Int** 1985 Mar;10(3):517-24

Induction of (2'-5')An-dependent endoribonuclease activity by interferon in cultured guinea pig macrophages. Wang CH, et al. **Biochem Int** 1983 Nov;7(5):569-76

Modulation by a human interferon of antitumor effects of cyclophosphamide against a lymphosarcoma in hamsters. Lee SH, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3439-43

Relationship between the antiviral effects of interferons and their abilities to depress cytochrome P-450. Renton KW, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3899-902

In vitro modulation of human natural killer cell activity by interferon: generation of adherent suppressor cells. Uchida A, et al. **Br J Cancer** 1984 Oct;50(4):483-92

Induction of 2',5'-oligoadenylate synthetase by retinoic acid in two transformed human cell lines. Bourgeade MF, et al. **Cancer Res** 1984 Nov;44(11):5355-60

Effects of human recombinant alpha 2 arg-interferon and gamma-interferon on human breast cancer cell lines: dissociation of antiproliferative activity and induction of HLA-DR antigen expression. Gastl G, et al. **Cancer Res** 1985 Jul;45(7):2957-61

Augmented antiproliferative effects of interferons at elevated temperatures against human bladder carcinoma cell lines. Groveman DS, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5517-21

Modification of human leukocyte interferon pharmacology with a monoclonal antibody. Rosenblum MG, et al. **Cancer Res** 1985 Jun;45(6):2421-4

Enhancement of the antiproliferative activity of human interferon by polyamine depletion. Kovach JS, et al. **Cancer Treat Rep** 1985 Jan;69(1):97-103

Human tumor cell strains both unable to repair O6-methylguanine and hypersensitive to killing by human alpha and beta interferons. Yarosh DB, et al. **Carcinogenesis** 1985 Jun;6(6):883-6

Transcriptional and posttranscriptional regulation of interferon-induced gene expression in human cells. Friedman RL, et al. **Cell** 1984 Oct;38(3):745-55

Enhanced expression in vivo of HLA-ABC antigens and beta 2-microglobulin on human lymphoid cells induced by human interferon-alpha in patients with lung cancer. Enhanced expression of class I major histocompatibility antigens prior to treatment. Nissen MH, et al. **Clin Exp Immunol** 1985 Feb;59(2):327-35

Modulation of macrophage suppressive activity and prostaglandin release by lymphokines and interferon: comparison of alveolar, pleural and peritoneal macrophages. Sestini P, et al. **Clin Exp Immunol** 1984 Dec;58(3):573-80

Use of interferon in the management of patients with subacute sclerosing panencephalitis. Bye A, et al. **Dev Med Child Neurol** 1985 Apr;27(2):170-5

Effect of low dosage of interferon on natural killer activity in patients with HBsAg-positive chronic active hepatitis. Matsumura N, et al. **Digestion** 1984;30(4):195-9

Interferon reduces hepatic drug metabolism in vivo in mice. Taylor G, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):459-63

Sensitivity to alpha/beta-interferon is independent of N-linked complex-type oligosaccharides on cell-surface-membrane glycoproteins. Parker J, et al. **Eur J Biochem** 1985 Sep 16;151(3):651-5

Effects of long-term treatment of human carcinoma cells with interferon alpha. Brouty-Boyé D, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):507-14

Differential effects of pure human alpha and gamma interferons on fibroblast cell growth and the cell cycle. Balkwill FR, et al. **Exp Cell Res** 1984 Nov;155(1):190-7

Interferon affects the formation of adhesion plaques in human monocyte cultures. Hovi T, et al. **Exp Cell Res** 1985 Aug;159(2):305-12

Ultrastructural analysis of the growth cycle of Chlamydia trachomatis in mouse cells treated with recombinant human alpha-interferons. de la Maza LM, et al. **Exp Mol Pathol** 1984 Oct;41(2):227-35

Antiviral activity of phorbol myristate acetate and possible relationships with interferon action. Premecz G, et al. **FEBS Lett** 1985 Jan 28;180(2):300-2

Interferons inhibit syncytia-forming ability and in vitro transmission of human T-cell leukemia virus. Nishida J, et al. **Gann** 1985 Apr;76(4):249-52

Growth-inhibitory activity of human recombinant beta-interferon (GKT-beta) in vitro. Shimada Y, et al. **Gann** 1984 Dec;75(12):1116-24

Enhancement of base hexose-monophosphate shunt activity of human polymorphonuclear leucocytes by human beta-interferon. Ferrante A, et al. **Immunol Lett** 1984;8(4):215-7

Inhibition of the anti-receptor antibody response of contact sensitivity by interferon. Freitag W, et al. **Immunology** 1985 Jun;55(2):281-7

Three different types of alpha-interferons alter naloxone-induced abstinence in morphine-addicted rats. Dafny N, et al. **Immunopharmacology** 1985 Feb;9(1):13-7

Effect of lipopolysaccharides, lipid A and interferon on the cell-mediated cytotoxicity of human leukocytes against K-562 tumor cells. Fink PC, et al. **Infection** 1984 Sep-Oct;12(5):322-7

Differential responsiveness of cloned mammary carcinoma cell populations to the human recombinant leukocyte interferon enhancement of tumor antigen expression. Greiner JW, et al. **Int J Cancer** 1985 Aug 15;36(2):159-66

Interference of a human leukocyte interferon preparation with stimulatory activities in leukocyte-conditioned medium for human hematopoietic stem cells. Kanz L, et al. **Int J Cell Cloning** 1984 Sep;2(5):286-95

Influence of interferon on C19-steroids in urine of malignant skin melanoma and malignant breast neoplasm patients. Marković L, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):416-8

Two different pathways of interferon mediated suppression of antibody secretion. Aune TM. **Int J Immunopharmacol** 1985;7(1):65-71

Effect of interferon on the infectivity of Trypanosoma cruzi in cultured HeLa cells. Osuna A, et al. **Int J Parasitol** 1985 Apr;15(2):167-70

Mechanism of interferon action. Purification and substrate specificities of the double-stranded RNA-dependent protein kinase from untreated and interferon-treated mouse fibroblasts. Berry MJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11240-7

An interferon-induced mouse protein involved in the mechanism of resistance to influenza viruses. Its purification to homogeneity and characterization by polyclonal antibodies. Horisberger MA, et al. **J Biol Chem** 1985 Feb 10;260(3):1730-3

Independent regulation of ppp(A2'p)nA-dependent RNase in NIH 3T3, clone 1 cells by growth arrest and interferon treatment. Krause D, et al. **J Biol Chem** 1985 Aug 5;260(16):9501-7

Mechanism of interferon action. Increased phosphorylation of protein synthesis initiation factor eIF-2 alpha in interferon-treated, reovirus-infected mouse L929 fibroblasts in vitro and in vivo. Samuel CE, et al. **J Biol Chem** 1984 Nov 10;259(21):13451-7

Polyclonal and monoclonal antibodies to the interferon-inducible protein Mx of influenza virus-resistant mice. Staeheli P, et al. **J Biol Chem** 1985 Feb 10;260(3):1821-5

beta-Interferon alters the pattern of proteins secreted from quiescent and platelet-derived growth factor-treated BALB/c-3T3 cells. Tominaga S, et al. **J Biol Chem** 1985 Feb 25;260(4):1975-8

Discrimination between nonmalignant and malignant cells by combinations of IFN-gamma and IFN-alpha/beta. Fleischmann WR Jr, et al. **J Biol Response Mod** 1984 Aug;3(4):397-405

Induction by interferon-alpha of tumoricidal activity of adherent mononuclear cells from human blood: monocytes as responder and effector cells. Sone S, et al. **J Biol Response Mod** 1985 Apr;4(2):134-40

Tubular structures in S49 mouse lymphoma are regulated through in vivo host-cell interaction and in vitro interferon treatment. Hochman J, et al. **J Cell Biol** 1985 May;100(5):1351-6

Treatment of lymphoblastoid cells with interferon decreases insulin binding. Faltynek CR, et al. **J Cell Physiol** 1984 Nov;121(2):437-41

Interferon inhibition of thymidine incorporation into DNA through effects on thymidine transport and uptake. Pfeffer LM, et al. **J Cell Physiol** 1984 Nov;121(2):431-6

Natural killer cell function and modulation by alpha IFN and IL2 in AIDS patients and prodromal subjects. Lew F, et al. **J Clin Lab Immunol** 1984 Jul;14(3):115-21

Gamma interferon is the lymphokine and beta interferon the monokine responsible for inhibition of fibroblast collagen production and late but not early fibroblast proliferation. Duncan MR, et al. **J Exp Med** 1985 Aug 1;162(2):516-27

Biological similarities of rat fibroblast interferon to human and mouse alpha interferons. Davis CT, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1961-8

Factors involved in interferon-induced or cholera toxin-induced steroidogenesis in Y-1 mouse adrenal tumour cells. Matsuguchi M, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):267-73

Evidence that IFN-alph/beta induces two antiviral states active against different viruses. Rose JM, et al. **J Gen Virol** 1985 May;66 (Pt 5):1153-8

Human interferons alpha and beta have more potent priming activities than interferon gamma. Tóth M, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):893-6

Regulation of arachidonic acid metabolism in macrophages by immune and nonimmune interferons. Boraschi D, et al. **J Immunol** 1985 Jul;135(1):502-5

Natural killer activity in cloned cytotoxic T lymphocytes: regulation by interleukin 2, interferon, and specific antigen. Brooks CG, et al. **J Immunol** 1985 Aug;135(2):1145-52

The synergistic influence of human interferon-gamma and interferon-alpha on suppression of hematopoietic progenitor cells is additive with the enhanced sensitivity of these cells to inhibition by interferons at low oxygen tension in vitro. Broxmeyer HE, et al. **J Immunol** 1985 Oct;135(4):2502-6

Inhibition of the T suppressor circuit of delayed-type hypersensitivity by interferon. Knop J, et al. **J Immunol** 1984 Nov;133(5):2412-6

Antagonistic effect of interferon-beta on the interferon-gamma-induced expression of Ia antigen in murine macrophages. Ling PD, et al. **J Immunol** 1985 Sep;135(3):1857-63

Synergism between recombinant human interferon and nucleoside antiviral agents against herpes simplex virus: examination with an automated microtiter plate assay. Moran DM, et al. **J Infect Dis** 1985 Jun;151(6):1116-22

Recombinant gamma interferon differentially regulates class II antigen expression and biosynthesis on cultured normal human keratinocytes. Basham TY, et al. **J Interferon Res** 1985 Winter;5(1):23-32

Poly I:C or IFN-alpha/beta treatment inhibits macrophage induced T cell proliferation. Blank KJ, et al. **J Interferon Res** 1985 Winter;5(1):215-21

Effects of combined treatment with interferon and mezerein on melanogenesis and growth in human melanoma cells. Fisher PB, et al. **J Interferon Res** 1985 Winter;5(1):11-22

Effect of murine gamma-interferon on the mouse liver and its drug-metabolizing enzymes: comparison with human hybrid alpha-interferon. Franklin MR, et al. **J Interferon Res** 1985 Spring;5(2):265-72

Effects of interferon alpha on the sheep erythrocyte 'receptor' of human lymphocytes. Fuhlbrigge RC, et al. **J Interferon Res** 1984 Fall;4(4):499-505

Interferon-mediated protein kinase activity in different fractions of mouse L-929 cells. Galabru J, et al. **J Interferon Res** 1984 Fall;4(4):469-80

The antiproliferative effect of murine interferon alpha/beta on early bone marrow-derived erythroid precursors (BFU/e). Gallien-Lartigue O, et al. **J Interferon Res** 1985 Spring;5(2):347-54

Exacerbation of the pathogenesis of the diabetogenic variant of encephalomyocarditis virus in mice by interferon. Gould CL, et al. **J Interferon Res** 1985 Winter;5(1):33-7

Temperature influences on different human alpha interferon activities. Hirai N, et al. **J Interferon Res** 1984 Fall;4(4):507-16

Microassay for studying anticellular effects of human interferons. Ito M. **J Interferon Res** 1984 Fall;4(4):603-8

The effects of treatment with human beta-interferon on the stimulation of thymidine uptake and DNA synthesis by colchicine in human fibroblasts. Jasny BR, et al. **J Interferon Res** 1985 Spring;5(2):239-46

Interferon-beta enhances the synthesis of a 20,000-dalton membrane protein: a correlation with the cessation of cell growth. Knight E Jr, et al. **J Interferon Res** 1985 Spring;5(2):305-13

Measurement of 2',5'-oligoadenylate synthetase in patients receiving interferon-alpha. Merritt JA, et al. **J Interferon Res** 1985 Winter;5(1):191-8

Enhancement by phorbol esters of cell growth inhibiting action of interferon. Morinaga N, et al. **J Interferon Res** 1984 Fall;4(4):543-51

Potentiation of the antiviral and anticellular activities of interferons by mixtures of HuIFN-gamma and HuIFN-alpha or HuIFN-beta. Oleszak E, et al. **J Interferon Res** 1985 Spring;5(2):361-71

Activity of human recombinant and lymphoblastoid interferons in human and heterologous cell lines. Overall JC Jr, et al. **J Interferon Res** 1984 Fall;4(4):529-33

Interferon inhibits marker rescue of vaccinia virus. Paez E, et al. **J Interferon Res** 1985 Spring;5(2):247-56

Purified recombinant human leukocyte interferons IFLrA and IFLrD induce human lupus inclusions in Raji and Daudi cells. Rich SA, et al. **J Interferon Res** 1984 Summer;4(3):335-45

Effect of interferon tested in a model system for organogenesis. Saxén L. **J Interferon Res** 1985 Spring;5(2):355-9

Antiproliferative effect of natural beta interferon on fresh tumor cells analyzed in a clonogenic assay. Strayer DR, et al. **J Interferon Res** 1984 Fall;4(4):627-33

Antiproliferative activity of human interferons against ovarian cancer cells grown in human tumor stem cell assay. Willson JK, et al. **J Interferon Res** 1984 Fall;4(4):441-7

Interferon alters the composition and metabolism of lipids in the liver of suckling mice. Zwingelstein G, et al. **J Interferon Res** 1985 Spring;5(2):315-25

Immunomodulatory and antiproliferative effect of recombinant alpha, beta, and gamma interferons on cultured human malignant squamous cell lines, SCL-1 and SW-1271. Nickoloff BJ, et al. **J Invest Dermatol** 1985 Jun; 84(6):487-90

Effects of alpha and beta interferons on cultured human keratinocytes. Yaar M, et al. **J Invest Dermatol** 1985 Jul; 85(1):70-4

The in vitro interaction of RA-233 and several interferons on human cell lines. Wolf LM, et al. **J Med** 1984; 15(1):15-21

Coxsackie B3 virus can replicate in cultured human foetal heart cells and is inhibited by interferon. Kandolf R, et al. **J Mol Cell Cardiol** 1985 Feb;17(2):167-81

Antitumor effect of human recombinant interferon-beta against human melanomas transplanted into nude mice. Gomi K, et al. **J Pharmacobiodyn** 1984 Dec;7(12):951-61

Inhibition of viral mRNA translation in interferon-treated L cells infected with reovirus. De Benedetti A, et al. **J Virol** 1985 Sep;55(3):588-93

Selectivity of interferon action in simian virus 40-transformed cells superinfected with simian virus 40. García-Blanco MA, et al. **J Virol** 1985 Mar;53(3):893-8

Inhibition of influenza viral mRNA synthesis in cells expressing the interferon-induced Mx gene product. Krug RM, et al. **J Virol** 1985 Oct;56(1):201-6

Interferon prevents the generation of spontaneous deletions at the left terminus of vaccinia virus DNA. Paez E, et al. **J Virol** 1985 Oct;56(1):75-84

Inhibitory effect of interferon on the genetic and oncogenic transformation by viral and cellular genes. Perucho M, et al. **J Virol** 1985 Apr;53(4):229-32

HLA-DR synthesis induction and expression in HLA-DR-negative carcinoma cell lines of diverse origins by interferon-gamma but not by interferon-beta. Shaw AR, et al. **JNCI** 1985 Jun;74(6):1261-8

The different effects of recombinant human interferon-gamma and recombinant human interferon-beta on the activation of natural killer cells. Okabe M, et al. **Jpn J Cancer Res** 1985 Jul;76(7):608-17

Time-dependent cytotoxic action of human recombinant alpha-interferon (Ro22-8181) in vitro and the sensitivity of various cultured leukemia and lymphoma cell lines to it. Shibata T, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):67-75

Mechanism of augmentation of natural cytotoxicity by human beta-interferon. Marumo K, et al. **Keio J Med** 1984 Nov; 33(4):201-9

Antiproliferative effects of recombinant alpha- and gamma-interferons on cultured human keratinocytes. Nickoloff BJ, et al. **Lab Invest** 1984 Dec;51(6):697-701

Recombinant human interferon alfa-A suppresses HTLV-III replication in vitro. Ho DD, et al. **Lancet** 1985 Mar 16; 1(8429):602-4

Modulation of interferon-induced NK cells by interleukin 2 and cAMP. Chun M, et al. **Lymphokine Res** 1982; 1(4):91-8

Disappearance of terminal deoxynucleotidyltransferase in human malignant T-lymphoblasts treated with a human alpha interferon preparation. Takano S, et al. **Microbiol Immunol** 1984;28(10):1111-5

Systemic administration of human leukocyte interferon to melanoma patients. III. Increased helper:suppressor cell ratios in melanoma patients during interferon treatment. Karavodin LM, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):193-202

Lysis of fresh leukemic blasts by interferon-activated human natural killer cells. Pattengale PK, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):165-80

Close link between reduction of c-myc expression by interferon and, G0/G1 arrest. Einat M, et al. **Nature** 1985 Feb 14-20;313(6003):597-600

alpha-Interferon-induced transcription of HLA and metallothionein genes containing homologous upstream sequences. Friedman RL, et al. **Nature** 1985 Apr 18-24; 314(6012):637-9

Induction of human mRNAs by interferon. Stark GR, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):227-30

Increased rate of degradation of c-myc mRNA in interferon-treated Daudi cells. Dani C, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4896-9

Interferon regulates c-myc gene expression in Daudi cells at the post-transcriptional level. Knight E Jr, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1151-4

Transcriptional induction of two genes in human cells by beta interferon. Larner AC, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6733-7

Monoclonal antibodies to an interferon-induced Mr 68,000 protein and their use for the detection of double-stranded RNA-dependent protein kinase in human cells. Laurent AG, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4341-5

Production and characterization of a monoclonal antibody to a human interferon-induced double-stranded RNA-binding Mr 68,000 protein kinase. Penn LJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4959-63

Interferon stimulates cholesterol and phosphatidylcholine synthesis but inhibits cholesterol ester synthesis in HeLa-S3 cells. Pfeffer LM, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2417-21

Potentiation of the cell growth inhibitory effect of beta interferon by mopidamole. Biddle W, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):487-90

Synergism of antiviral activity in cell cultures treated with low concentrations of interferon and interferon-treated lymphocytes. Weigent DA, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):257-61

Effect of levamisole and bovine interferon alpha 1 on bovine immune responses and susceptibility to bovine herpesvirus-1. Babiuk LA, et al. **Prog Clin Biol Res** 1984; 161:433-42

Effect of recombinant human interferons on NK and K cell activities of gnotobiotic miniature swine. Kim YB, et al. **Prog Clin Biol Res** 1985;181:329-32

Effect of leukocyte interferons on cell proliferation of human tumors in vitro. Ludwig CU, et al. **Recent Results Cancer Res** 1984;94:220-3

The effect of interferon on Japanese encephalitis virus in vitro. Harinasuta C, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):564-8

Possible mechanisms of interferon-induced growth inhibition. Taylor-Papadimitriou J, et al. **Symp Fundam Cancer Res** 1984;37:283-98 (70 ref.)

Enhancement of natural killer cell activity by interferon and interleukin-2 in human large granular lymphocytes inhibited by cyclosporine. Ramsey KM, et al. **Transplant Proc** 1984 Dec;16(6):1628-31

Natural killer activity in renal allograft recipients and response to interferon. Rigby RJ, et al. **Transplant Proc** 1985 Apr;17(2):1682-4

In vitro response of cells from three patients with hairy cell leukemia to a recombinant leukocyte interferon. Hiraoka A, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):73-82

Interferon-induced guanylate-binding proteins: mapping of the murine Gbp-1 locus to chromosome 3. Prochazka M, et al. **Virology** 1985 Sep;145(2):273-9

Antiviral activity of natural and recombinant human leukocyte interferons in tobacco protoplasts. Rosenberg N, et al. **Virology** 1985 Jan 15;140(1):173-8

Effect of cloned human interferons on the replication of and cell fusion induced by herpes simplex virus. Chatterjee S, et al. **Virus Res** 1984 Jan;1(1):81-7

[Inhibition of the multiplication of human herpes virus I by prostaglandin D2 and the synergistic effect of human leukocyte interferon] Imanishi J, et al. **C R Soc Biol (Paris)** 1984;178(6):671-4 (Eng. Abstr.) **(Fre)**

[Effect of human recombinant beta-interferon on natural killer activity of peripheral lymphocytes in cancer patients] Beika T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):362-5 (Eng. Abstr.) **(Jpn)**

[Enhancing effects on interferon-gamma production by combination of OK-432 and interferon-alpha in patients with head and neck cancer] Sugiyama M, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2200-6 (Eng. Abstr.) **(Jpn)**

[Induction of human monocyte-mediated tumor cell killing by alpha or beta interferon] Utsugi T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1105-10 (Eng. Abstr.) **(Jpn)**

[Antitumor effect of human interferon-alpha A/D in mice (II). Activation of natural killer cells and suppression of metastasis] Yokoyama T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):510-5 (Eng. Abstr.) **(Jpn)**

[Reabsorption of beta 2-microglobulin in the kidney during interferon-induced beta 2-microglobulin overproduction] Kawamura J, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb; 27(2):165-74 (Eng. Abstr.) **(Jpn)**

[Mechanism of the antimutagenic action of interferon: the capacity to protect the human cellular repair system] Shvetsova TP, et al. **Biull Eksp Biol Med** 1985 May; 99(5):599-600 (Eng. Abstr.) **(Rus)**

[Effects of interferon on the kinetics of the cell cycle of human lymphoma cultured cells] Dobrynin IaV, et al. **Eksp Onkol** 1984;6(5):50-2 (Eng. Abstr.) **(Rus)**

[Effect of interferon on cell cycle phases in cultured human tumor cells] Nikolaeva TG, et al. **Eksp Onkol** 1984; 6(4):52-5 (Eng. Abstr.) **(Rus)**

[Action of human leukocyte and immune interferons on the reproduction and cytopathogenic effect of the encephalomyocarditis virus in mice] Mentkevich LM, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):582-5 (Eng. Abstr.) **(Rus)**

[Isolation of somatic cell hybrids by using a specific interferon- virus method of selection] Narovlianskii AN, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):244-50 **(Rus)**

[Comparative evaluation of stress-induced depression of normal killer activity in old and young animals and its elimination by interferon] Sukhikh GT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):93-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Effect of human lymphoblastoid interferon on insulin synthesis and secretion in isolated human pancreatic islets. Rhodes CJ, et al. **Diabetologia** 1984 Dec;27(6):601-3

Interferon-induced proteins. Purification and characterization of a 15,000-dalton protein from human and bovine cells induced by interferon. Korant BD, et al. **J Biol Chem** 1984 Dec 10;259(23):14835-9

Interferon-alpha and -gamma promote myeloid differentiation of HL-60, a human acute promyelocytic leukemia cell line. Buessow SC, et al. **J Biol Response Mod** 1984 Dec;3(6):653-62

Persistent infection of rabies virus (HEP-Flury strain) in human neuroblastoma cells capable of producing interferon. Honda Y, et al. **J Gen Virol** 1985 May;66 (Pt 5):957-67

Human natural killer cytotoxic factor (NKCF): role of IFN-alpha. Steinhauer EH, et al. **J Immunol** 1985 Jul; 135(1):294-9

Regulation of interleukin 1 production by alpha and beta interferons: evidence for both direct and indirect enhancement. Candler RV, et al. **J Interferon Res** 1985 Winter;5(1):179-89

The effects of interleukin-1, interleukin-2, alpha-interferon, and gamma-interferon on human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1984;97:182-9

SECRETION

Secretion of human interferon-alpha induced by using secretion vectors containing a promoter and signal sequence of alkaline phosphatase gene of Escherichia coli. Miyake T, et al. **J Biochem (Tokyo)** 1985 May;97(5):1429-36

Characterization of 3H-uridine incorporation and messenger RNA synthesis in human monocytes activated to secrete alpha interferon or monocyte-derived fibroblast growth factor. Stevenson HC, et al. **J Leukocyte Biol** 1985 May; 37(5):585-95

THERAPEUTIC USE

Evaluation of interferon treatment of cervical intraepithelial neoplasia [letter] Coleman DV. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):192-3

Interaction between human lymphoblastoid interferon and chemotherapeutic agents in vitro. Takahashi I, et al. **Acta Med Okayama** 1984 Dec;38(6):501-4

Interferon and interleukin-2 therapy of Kaposi's sarcoma. Volberding PA, et al. **Adv Exp Med Biol** 1985;187:151-7

Atypical tumor lysis syndrome in a patient with T cell lymphoma treated with recombinant leukocyte interferon. Fer MF, et al. **Am J Med** 1984 Nov;77(5):953-6

Phase II trial of recombinant leukocyte A interferon in patients with advanced chronic lymphocytic leukemia. Foon KA, et al. **Am J Med** 1985 Feb;78(2):216-20

Human lymphoblastoid interferon treatment of Kaposi's sarcoma in the acquired immune deficiency syndrome. Clinical response and prognostic parameters. Gelmann EP, et al. **Am J Med** 1985 May;78(5):737-41

Human lymphoblastoid interferon in the treatment of advanced epithelial ovarian malignancies: a Gynecologic Oncology Group Study. Abdulhay G, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):418-23

Interferon for the therapy of condyloma acuminatum. Gall SA, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):157-63

Effect of human leukocyte A interferon on prevention of infectious bovine rhinotracheitis virus infection of cattle. Roney CS, et al. **Am J Vet Res** 1985 Jun;46(6):1251-5

Perspectives on the immunotherapy of AIDS. Hadden JW. **Ann NY Acad Sci** 1984;437:76-87

Clinical trial of natural alpha interferon in multiple sclerosis. Knobler RL, et al. **Ann NY Acad Sci** 1984;436:382-8

The natural history and treatment of epidemic Kaposi's sarcoma. Krigel RL. **Ann NY Acad Sci** 1984;437:447-53

Recombinant leukocyte A interferon in Kaposi's sarcoma. Krown SE, et al. **Ann NY Acad Sci** 1984;437:431-8

Alpha interferon therapy of Kaposi's sarcoma in AIDS. Volberding P, et al. **Ann NY Acad Sci** 1984;437:439-46

Synergistic activity of combinations of recombinant human alpha interferon and acyclovir, administered concomitantly and in sequence, against a lethal herpes simplex virus type 1 infection in mice. Connell EV, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):1-4

Enhanced efficacy of the acyclic nucleoside 9-(1,3-dihydroxy-2-propoxymethyl)guanine in combination with alpha-interferon against herpes simplex virus type 2 in mice. Fraser-Smith EB, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):937-8

Duration of effect of interferon aerosol prophylaxis of vesicular stomatitis virus infection in mice. Wyde PR, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):60-4

Intrathecal interferon in the treatment of multiple sclerosis. Patient follow-up. Jacobs L, et al. **Arch Neurol** 1985 Sep; 42(9):841-7

Interferon therapy for bronchial papillomatosis controlled by papillomavirus-DNA hybridization. Ikenberg H, et al. **Arch Otolaryngol** 1985 Feb;111(2):96-8

Recombinant alpha-2-interferon for hairy cell leukemia. Jacobs AD, et al. **Blood** 1985 Apr;65(4):1017-20

Treatment of hairy cell leukemia with recombinant alpha 2 interferon. Ratain MJ, et al. **Blood** 1985 Mar;65(3):644-8

Toxicity and bone marrow response of patients with hairy cell leukemia treated with biosynthetic (recombinant) alpha-2-interferon. Jacobs AD, et al. **Blut** 1985 Jan; 50(1):33-4

Effects of recombinant leukocyte interferon (rIFN-alpha A) on tumour growth and immune responses in patients with metastatic melanoma. Hersey P, et al. **Br J Cancer** 1985 Jun;51(6):815-26

Response of differentiated but not anaplastic teratoma to interferon. Rustin GJ, et al. **Br J Cancer** 1984 Nov; 50(5):611-6

Treatment of hepatocellular carcinoma with recombinant leucocyte interferon: a pilot study. Sachs E, et al. **Br J Cancer** 1985 Jul;52(1):105-9

The effects of alpha and gamma interferons on human lung cancer cells grown in vitro or as xenografts in nude mice. Twentyman PR, et al. **Br J Cancer** 1985 Jul;52(1):21-9

Suppression of clonal evolution in two chronic myelogenous leukaemia patients treated with leucocyte interferon. Talpaz M, et al. **Br J Haematol** 1985 Aug;60(4):619-24

Interferon is effective in hairy-cell leukaemia. Worman CP, et al. **Br J Haematol** 1985 Aug;60(4):759-63

Phase II study of recombinant leukocyte A interferon (rIFN-alpha A) in disseminated malignant melanoma. Creagan ET, et al. **Cancer** 1984 Dec 15;54(12):2844-9

Human interferon alpha in malignant lymphoma and Hodgkin's disease. Results of the American Cancer Society trial. Horning SJ, et al. **Cancer** 1985 Sep 15;56(6):1305-10

Clinical, serologic, and immunologic effects of human leukocyte interferon in HBsAg-positive primary hepatocellular carcinoma. Nair PV, et al. **Cancer** 1985 Sep 1;56(5):1018-22

Intraperitoneal administration of interferon beta in ovarian cancer patients. Rambaldi A, et al. **Cancer** 1985 Jul 15; 56(2):294-301

Treatment of plasma cell neoplasm with recombinant leukocyte A interferon and human lymphoblastoid interferon. Ohno R, et al. **Cancer Chemother Pharmacol** 1985;14(1):34-7

The antitumor effects of human lymphoblastoid interferon on human renal cell carcinoma in athymic nude mice. Yamaoka T, et al. **Cancer Chemother Pharmacol** 1985; 14(3):184-7

Positive interactions between interferon and chemotherapy due to direct tumor action rather than effects on host drug-metabolizing enzymes. Balkwill FR, et al. **Cancer Res** 1984 Nov;44(11):5249-55

Intraperitoneal recombinant alpha-interferon for 'salvage' immunotherapy in stage III epithelial ovarian cancer: a Gynecologic Oncology Group Study. Berek JS, et al. **Cancer Res** 1985 Sep;45(9):4447-53

Relative contribution of antiproliferative and host immunity-associated activity of mouse interferon in murine tumor therapy. Kataoka T, et al. **Cancer Res** 1984 Dec; 44(12 Pt 1):5661-5

A randomized study of low and high doses of leukocyte alpha-interferon in metastatic renal cell carcinoma: the American Cancer Society collaborative trial. Kirkwood JM, et al. **Cancer Res** 1985 Feb;45(2):863-71

Augmented immunity in cancer patients treated with alpha-interferon. Neefe JR, et al. **Cancer Res** 1985 Feb; 45(2):874-8

Treatment of renal cell carcinoma with alpha (human leukocyte) interferon and vinblastine in combination: a phase I-II trial. Figlin RA, et al. **Cancer Treat Rep** 1985 Mar;69(3):263-7

Phase II trial of lymphoblastoid interferon in metastatic malignant melanoma. Goldberg RM, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):813-6

Phase II study of recombinant alpha interferon in the treatment of advanced non-small cell lung carcinoma. Grunberg SM, et al. **Cancer Treat Rep** 1985 Sep; 69(9):1031-2

Interferon and doxorubicin in renal cell carcinoma. Muss HB, et al. **Cancer Treat Rep** 1985 Jun;69(6):721-2

Recombinant leukocyte alpha interferon in advanced ovarian carcinoma. Niloff JM, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):895-6

Recombinant alpha-2 interferon in the treatment of hairy cell leukemia. Thompson JA, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):791-3

Phase II study of human lymphoblastoid interferon in patients with advanced renal carcinoma. Vugrin D, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):817-20

Phase II study of rDNA human alpha-2 interferon in multiple myeloma. Wagstaff J, et al. **Cancer Treat Rep** 1985 May; 69(5):495-8

Use of recombinant interferon to prevent recurrent herpesvirus shedding. Smolin G, et al. **Curr Eye Res** 1984 Aug;3(8):1069-74

Remissions in newly diagnosed type 1 (insulin-dependent) diabetes: influence of interferon as an adjunct to insulin therapy. Koivisto VA, et al. **Diabetologia** 1984 Aug; 27(2):193-7

Treatment of recurrent respiratory papillomatosis with interferon. Sessions RB, et al. **Ear Nose Throat J** 1984 Oct; 63(10):488-93

Interferons and other biological response modifiers in the treatment of Kaposi's sarcoma. Krown SE, et al. **Front Radiat Ther Oncol** 1985;19:138-49

Recombinant leukocyte a interferon treatment in patients with chronic hepatitis B virus infection. Pharmacokinetics, tolerance, and biologic effects. Omata M, et al. **Gastroenterology** 1985 Apr;88(4):870-80

Recombinant leukocyte interferon treatment of chronic hepatitis B. Dusheiko G, et al. **Hepatology** 1985 Jul-Aug; 5(4):556-60

Preliminary observation of hepatitis B-associated membranous glomerulonephritis treated with leukocyte interferon. Garcia G, et al. **Hepatology** 1985 Mar-Apr; 5(2):317-20

Changes of hepatitis B virus DNA in liver and serum caused by recombinant leukocyte interferon treatment: analysis of intrahepatic replicative hepatitis B virus DNA. Yokosuka O, et al. **Hepatology** 1985 Sep-Oct;5(5):728-34

Interferon-induced inhibition of Chlamydia trachomatis: dissociation from antiviral and antiproliferative effects. de la Maza LM, et al. **Infect Immun** 1985 Mar;47(3):719-22

Attempted treatment of fulminant viral hepatitis with human fibroblast interferon. Milazzo F, et al. **Infection** 1985 May-Jun;13(3):130-3

Inhibition of experimentally-induced murine metastases by recombinant alpha interferon: correlation between the modulatory effect of interferon treatment on natural killer cell activity and inhibition of metastases. Brunda MJ, et al. **Int J Cancer** 1984 Sep 15;34(3):421-6

The effect of murine interferon-alpha/beta on an established Rauscher murine leukemia virus-induced erythroleukemia in BALB/c mice. Hekman RA, et al. **Int J Cancer** 1985 Apr 15;35(4):515-20

Down-regulation of peripheral blood cell interferon receptors in chronic myelogenous leukemia patients undergoing human interferon (HuIFN alpha) therapy. Maxwell BL, et al. **Int J Cancer** 1985 Jul 15;36(1):23-8

Combined recombinant human interferon alpha 2 and cytotoxic agents studied in a clonogenic assay. Welander CE, et al. **Int J Cancer** 1985 Jun 15;35(6):721-9

In vitro phase II trial of recombinant interferon alpha-2 in gastrointestinal cancer. Scheithauer W, et al. **Int J Cell Cloning** 1985 Jul;3(4):188-98

Recombinant human interferon alpha D in HSV-1 recurrence in the rabbit. Mayers M, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):237-40

Human alpha and gamma interferon analogs in rabbits with herpetic keratitis. Trousdale MD, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1244-51

Increase of predominantly k-type light chains in the CSF of a case of subacute sclerosing panencephalitis treated with interferon. Annunziata P, et al. **Ital J Neurol Sci** 1985 Jun; 6(2):215-9

Response of warts in epidermodysplasia verruciformis to treatment with systemic and intralesional alpha interferon. Androphy EJ, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):197-202

Interferon-alpha: current status and future promise. Bonnem EM, et al. **J Biol Response Mod** 1984 Dec;3(6):580-98 (115 ref.)

Human leukocyte interferon as part of a combined treatment for previously untreated small cell lung cancer. Mattson K, et al. **J Biol Response Mod** 1985 Feb;4(1):8-17

Minimal activity of recombinant clone a interferon in metastatic colon cancer. Neefe JR, et al. **J Biol Response Mod** 1984 Aug;3(4):366-70

Unexpected toxicity from radiation therapy in two patients with Kaposi's sarcoma receiving interferon. Real FX, et al. **J Biol Response Mod** 1985 Apr;4(2):141-6

Recombinant leukocyte A interferon in B-cell chronic lymphocytic leukemia: in vivo effects on autologous antitumor immunity. Schulof RS, et al. **J Biol Response Mod** 1985 Jun;4(3):310-23

Treatment of nasopharyngeal carcinoma with human leukocyte interferon. Connors JM, et al. **J Clin Oncol** 1985 Jun;3(6):813-7

Phase II study of recombinant alpha-2 interferon in resistant multiple myeloma. Costanzi JJ, et al. **J Clin Oncol** 1985 May;3(5):654-9

Phase II study of recombinant leukocyte A interferon (IFN-rA) plus cimetidine in disseminated malignant melanoma. Creagan ET, et al. **J Clin Oncol** 1985 Jul; 3(7):977-81

Phase II study of interferon alpha in metastatic renal-cell carcinoma: a progress report. Quesada JR, et al. **J Clin Oncol** 1985 Aug;3(8):1086-92

Treatment of acquired immunodeficiency syndrome--related Kaposi's sarcoma with lymphoblastoid interferon. Rios A, et al. **J Clin Oncol** 1985 Apr;3(4):506-12

Intranasal interferon-alpha 2 prophylaxis of natural respiratory virus infection. Douglas RM, et al. **J Infect Dis** 1985 Apr;151(4):731-6

Viral infections and cell-mediated immunity in immunodeficient homosexual men with Kaposi's sarcoma treated with human lymphoblastoid interferon. Frederick WR, et al. **J Infect Dis** 1985 Jul;152(1):162-70

Interferon treatment of poliomyelitis [letter] Levin S. **J Infect Dis** 1985 Apr;151(4):745-6

Interferon-induced 2'-5' oligoadenylate synthetase during interferon-alpha therapy in homosexual men with Kaposi's sarcoma: marked deficiency in biochemical response to interferon in patients with acquired immunodeficiency syndrome. Preble OT, et al. **J Infect Dis** 1985 Sep; 152(3):457-65

Intravenous lymphoblastoid interferon and acyclovir for treatment of cytomegaloviral pneumonia. Shepp DH, et al. **J Infect Dis** 1984 Nov;150(5):776-7

Effect of human recombinant alpha-2- and gamma-interferon on the growth of human cell lines from solid tumors and hematologic malignancies. Denz H, et al. **J Interferon Res** 1985 Winter;5(1):147-57

Inhibitory effect of mouse interferon on the growth of an embryonal carcinoma in mice. Gresser I, et al. **J Interferon Res** 1984 Summer;4(3):375-81

Effect of recombinant alpha interferon on NK and ADCC function in lung cancer patients: results from a phase II trial. Hokland P, et al. **J Interferon Res** 1984 Fall;4(4):561-9

Decreased interferon synthesis and responsiveness to interferon by leukocytes from multiple sclerosis patients given natural alpha interferon. Kamin-Lewis RM, et al. **J Interferon Res** 1984 Summer;4(3):423-32

Ameliorating effect of IFN-beta and anti-IFN-beta on coxsackievirus B3-induced myocarditis in mice. Lutton CW, et al. **J Interferon Res** 1985 Winter;5(1):137-46

Intranasal lymphoblastoid interferon ('Wellferon') prophylaxis against rhinovirus and influenza virus in volunteers. Phillpotts RJ, et al. **J Interferon Res** 1984 Fall; 4(4):535-41

Efficacy of aerosolized recombinant interferons against vesicular stomatitis virus-induced lung infection in cotton rats. Sun CS, et al. **J Interferon Res** 1984 Fall;4(4):449-59

Antiviral effect of bacterially produced human interferon (Hu-IFN alpha 2) against experimental vaccinia infection in calves. Werenne J, et al. **J Interferon Res** 1985 Winter; 5(1):129-36

Phase I clinical trial of intralesional or intraventricular leukocyte interferon for intracranial malignancies. Obbens EA, et al. **J Neurooncol** 1985;3(1):61-7

Therapeutic effects of human leukocyte interferon on chronic active hepatitis B in children. Hashida T, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):20-5

Human fibroblast interferon in cervical and vulvar intraepithelial neoplasia associated with viral cytopathic effects. A pilot study. De Palo G, et al. **J Reprod Med** 1985 May;30(5):404-8

Tubuloreticular inclusions in peripheral blood mononuclear cells related to systemic therapy with alpha-interferon. Grimley PM, et al. **Lab Invest** 1985 Jun;52(6):638-49

Successful treatment of therapy-resistant pancreatic cholera with human leucocyte interferon. Oberg K, et al. **Lancet** 1985 Mar 30;1(8431):725-7

Acyclovir enhances the antiviral effect of interferon in chronic hepatitis B. Schalm SW, et al. **Lancet** 1985 Aug 17;2(8451):358-60

Recombinant HuIFN-gamma prevents herpes simplex keratitis in African green monkeys: demonstration of synergism with recombinant HuIFN-alpha 2. Neumann-Haefelin D, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):81-6

Treatment of advanced non-Hodgkin's lymphoma with recombinant leukocyte A interferon. Foon KA, et al. **N Engl J Med** 1984 Nov 1;311(18):1148-52

The effect of recombinant alpha 2-interferon on defective natural killer cell activity in multiple sclerosis. Hirsch RL, et al. **Neurology** 1985 Apr;35(4):597-600

Systemic alpha-interferon therapy of multiple sclerosis. Knobler RL, et al. **Neurology (NY)** 1984 Oct;34(10):1273-9

Antitumoral activity of human fibroblast interferon administered intranodularly. Rosso R, et al. **Oncology** 1985; 42(2):86-8

Leukocyte adherence inhibition, natural killer cell activity, gamma-interferon production capacity and phytohemagglutinin response in patients treated with recombinant leukocyte A interferon. Tank B, et al. **Oncology** 1985;42(3):157-63

Treatment with low dose human recombinant interferon-alpha-2-ARG induces complete remission in patients with hairy cell leukemia. Gastl G, et al. **Onkologie** 1985 Jun;8(3):143-4

Treatment of hairy-cell leukemia with recombinant leukocyte A interferon. Mahmoud HK, et al. **Onkologie** 1985 Jun;8(3):141-2

Interferon therapy in juvenile laryngeal papillomatosis. Lundquist PG, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):386-91

Interferon therapy in disseminated renal cell carcinoma. Edsmyr F, et al. **Radiother Oncol** 1985 Aug;4(1):21-6

High dose rDNA human alpha 2 interferon therapy in patients with advanced colorectal adenocarcinoma: a phase II study. Lundell G, et al. **Radiother Oncol** 1984 Mar; 1(4):325-32

Biologic therapy of hairy cell leukemia. Quesada JR, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):507-10

Preliminary observation on the clinical tolerance of interferon-beta in cancer patients. Liberati AM, et al. **Tumori** 1985 Feb 28;71(1):45-9

Human lymphoblastoid interferon therapy for advanced renal cell carcinoma. Marumo K, et al. **Urology** 1984 Dec; 24(6):567-71

[Effect of alpha-leukocyte interferon on laryngeal papillomatosis in children] Vacher S, et al. **Presse Med** 1985 Jun 15;14(24):1317-8 (Eng. Abstr.) **(Fre)**

[Therapy of cutaneous T cell lymphomas with alpha interferon (letter)] Lang M, et al. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):197 **(Ger)**

[Interferon in the treatment of recurrent laryngeal papillomas] Lenarčić-Cepelja I, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):401-2 (Eng. Abstr.) **(Ger)**

[Improved clinical course of herpes zoster in immunosuppressed patients treated with fibroblast interferon] Heidemann E, et al. **Onkologie** 1984 Aug; 7(4):210-2 (Eng. Abstr.) **(Ger)**

[Effect of interferon-alpha 2 (E. coli) in hairy cell leukemia] Hofmann V, et al. **Schweiz Med Wochenschr** 1985 Feb 16; 115(7):235-8 (Eng. Abstr.) **(Ger)**

[Generalized verrucosis in familial T-helper cell deficiency. Treatment with interferon and Tigason] Thiele B, et al. **Z Hautkr** 1985 Jun 15;60(12):929-37 (Eng. Abstr.) **(Ger)**

[Clinical efficacy of recombinant human leukocyte A interferon (rIFN-alpha A) on malignant tumors of the urogenital tract] **Gan To Kagaku Ryoho** 1985 Apr; 12(4):921-7 (Eng. Abstr.) **(Jpn)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in malignant brain tumors] **Gan To Kagaku Ryoho** 1985 Apr;12(4):913-20 (Eng. Abstr.) **(Jpn)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in skin malignant tumors] **Gan To Kagaku Ryoho** 1985 Apr;12(4):936-42 (Eng. Abstr.) **(Jpn)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in hematological malignancies] **Gan To Kagaku Ryoho** 1985 Apr;12(4):928-35 (Eng. Abstr.) **(Jpn)**

[Phase II studies of interferon alpha-2 Sch 30500 in advanced gastrointestinal carcinoma] Furue H. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1625-9 (Eng. Abstr.) **(Jpn)**

[Antitumor effects of recombinant human leukocyte interferon (rIFN-alpha A) on human malignomas transplanted into nude mice] Hashizume S. **Gan To Kagaku Ryoho** 1985 Feb;12(2):284-8 (Eng. Abstr.) **(Jpn)**

[Clinical study of recombinant interferon alpha-2 (Sch 30500) in advanced gynecological cancers] Kasamatsu T, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1656-60 (Eng. Abstr.) **(Jpn)**

[A case of metastatic renal cell carcinoma with complete remission achieved by interferon therapy] Kawasaki C, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):566-9 (Eng. Abstr.) **(Jpn)**

[Recombinant interferon alpha-2 (Sch 30500) in patients with head and neck cancer] Miyake H, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1651-5 (Eng. Abstr.) **(Jpn)**

[Treatment of hematological malignancies with recombinant leukocyte A interferon (rIFN-alpha A)] Ohno R, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2531-6 (Eng. Abstr.) **(Jpn)**

[Phase I study of recombinant human interferon alpha A (Ro 22-8181) in patients with malignant tumors] Taguchi T. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):456-64 (Eng. Abstr.) **(Jpn)**

[Phase II study of recombinant human leukocyte A interferon on urogenital cancer patients] Yoshimoto J, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):465-70 (Eng Abstr.) **(Jpn)**

[The treatment of renal cell carcinoma with recombinant human leukocyte interferon] Kawamura J, et al. **Hinyokika Kiyo** 1985 Mar;31(3):377-86 (Eng. Abstr.) **(Jpn)**

[Treatment of viral hepatitis. b) Anti-virus agents] Matsushima T. **Hokkaido Igaku Zasshi** 1984 May; 59(3):238-44 **(Jpn)**

[Clinical responses of human fibroblast interferon (IFN-beta) on chronic lymphocytic leukemia--with special reference to in vitro antitumor activity of IFN-beta] Ezaki K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20; 19(10):2305-11 (Eng. Abstr.) **(Jpn)**

[Increased levels of beta 2-microglobulin in blood and urine after interferon treatment] Kawamura J, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2075-84 (Eng. Abstr.) **(Jpn)**

[Bronchial arterial infusion of IFN-beta--a case report of lung cancer] Masuda H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1247-51 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of renal cell carcinoma. 4. Interferon] Satomi Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun; 75(6):909-16 (Eng. Abstr.) **(Jpn)**

[A case of bronchogenic adenocarcinoma successfully treated with human leukocyte interferon] Komuro I, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1831-6 **(Jpn)**

[Clinical trial of interferon in gynecologic cancers] Sekiya S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1241-3 **(Jpn)**

[Antineoplastic effect of Hu-IFN-beta and other anticancer drugs on malignant brain tumors in athymic nude mice] Nakamura O, et al. **No Shinkei Geka** 1985 May;13(5):503-8 (Eng. Abstr.) **(Jpn)**

[Immunochemotherapy of human gliomas transplanted into nude mice] Hori T, et al. **No To Shinkei** 1984 Sep; 36(9):881-8 (Eng. Abstr.) **(Jpn)**

[Clinical study on the effect of human lymphoblastoid interferon in B-cell malignancies] Takeyama H, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1921-7 (Eng. Abstr.) **(Jpn)**

[Interferon in the treatment of viral, neoplastic and immunologic diseases] Inglot AD. **Patol Pol** 1984 Jul-Sep; 35(3):245-61 (65 ref.) **(Pol)**

[Interferon] Smogorzewska E. **Probl Med Wieku Rozwoj** 1984;13:176-84 (Eng. Abstr.) **(Pol)**

[Antitoxic effect of leukocytic interferon in in vivo experiments] Babaiants AA, et al. **Antibiotiki** 1984 Nov; 29(11):834-6 (Eng. Abstr.) **(Rus)**

[Antibody-dependent cell cytotoxicity and the effect of interferon on K-cell functional activity in vitro in chronic viral hepatitis B in children] Kaganov BS, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):700-2 (Eng. Abstr.) **(Rus)**

[Effectiveness of the treatment of neurological forms of epidemic parotitis with leukocytic interferon] Timofeeva GA, et al. **Pediatriia** 1984 Aug;(8):27-9 (Eng. Abstr.) **(Rus)**

[Effect of interferon on experimental Trichophyton rubrum infection] Katsitadze AG, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):29-32 (Eng. Abstr.) **(Rus)**

[Effect of interferon and its liposome-incorporated inducer on the recovery of natural killer activity after immobilization stress] Sukhikh GT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):81-4 (Eng. Abstr.) **(Rus)**

TOXICITY

Roles of the 29-138 disulfide bond of subtype A of human alpha interferon in its antiviral activity and conformational stability. Morehead H, et al. **Biochemistry** 1984 May 22; 23(11):2500-7

The in vitro interaction of alpha-difluoromethyl ornithine (DFMO) and several interferons on human cell lines. Wolf LM, et al. **J Biol Response Mod** 1985 Aug;4(4):391-5

Chromosomal aberrations in muntjac cells resulting from exposure to interferon. Jasny BR, et al. **J Interferon Res** 1985 Spring;5(2):257-64

Interferon-beta in patients with low-grade astrocytomas--a phase I study. Bogdahn U, et al. **J Neurooncol** 1985; 3(2):125-30

Eradication of cultured human melanoma cells by immune interferon and leukocytes. Tyring SK, et al. **JNCI** 1984 Nov;73(5):1067-73

Interferon induces pulmonary cysts in A2G mice. Woodrow D, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7937-40

In vitro effect of interferon-alpha on human granulocyte/macrophage progenitor cells and human clonogenic tumor cells. Holdener EE, et al. **Recent Results Cancer Res** 1984;94:205-19

INTERFERON TYPE II

Structural model for interferons. Ptitsyn OB, et al. **FEBS Lett** 1985 Jul 8;186(2):143-8

Characteristics of antiviral and anticellular activities of human recombinant interferon-gamma. Gomi K, et al. **Gann** 1985 Mar;76(3):224-34

Interleukin 2 enhances the natural killer cell activity of acquired immunodeficiency syndrome patients through a gamma-interferon-independent mechanism. Rook AH, et al. **J Immunol** 1985 Mar;134(3):1503-7

Electrophoretic mobility of mouse immune (gamma) interferon produced by a cloned T-cell lymphoma. Gribaudo G, et al. **Microbiologica** 1984 Oct;7(4):309-13

[Gamma-interferon: physico-chemical and biological characteristics] Gribaudo G, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):86-93 (18 ref.) (Eng. Abstr.) **(Ita)**

ADMINISTRATION & DOSAGE

Efficient activation of human blood monocytes to a tumoricidal state by liposomes containing human recombinant gamma interferon. Koff WC, et al. **Cancer Immunol Immunother** 1985;19(2):85-9

Synergistic effect of human immune interferon and double-stranded RNA against human colon carcinoma cells in vitro. Chapekar MS, et al. **Cancer Res** 1985 Jun; 45(6):2539-44

A phase 1 study of recombinant interferon-gamma given intravenously by portable mini-pump: a preliminary report. Sriskandan K, et al. **Int J Clin Pharmacol Res** 1984; 4(6):469-74

Potentiation of interferon's antiviral activity by the mutually synergistic interaction of MuIFN-alpha/beta and MuIFN-gamma. Schwarz LA, et al. **J Biol Response Mod** 1984 Dec;3(6):608-12

[Assessment of the combined effects of mitomycin C with alpha-interferon or gamma-interferon by the clonogenic assay technique] Hirabayshi N, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1056-62 (Eng Abstr.) **(Jpn)**

ADVERSE EFFECTS

Recombinant gamma interferon and autoimmune thyroid disease [letter] Bhakri H, et al. **Lancet** 1985 Aug 24; 2(8452):457

ANALYSIS

A practical cytopathic effect/dye-uptake interferon assay for routine use in the clinical laboratory. Yousefi S, et al. **Am J Clin Pathol** 1985 Jun;83(6):735-40

Immunohistochemical studies of interleukin-2 and gamma-interferon in rheumatoid arthritis. Husby G, et al. **Arthritis Rheum** 1985 Feb;28(2):174-81

A two-site sandwich radioimmunoassay of human gamma interferon with monoclonal antibodies. Tanaka E, et al. **J Immunol Methods** 1985 Mar 18;77(2):275-82

Molecular properties of mouse interferon-gamma. Watanabe Y. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1632-4

[Structural characteristics of immune interferon in mice] Gribaudo G, et al. **Boll Ist Sieroter Milan** 1982;61(6):483-6 (Eng. Abstr.) **(Ita)**

ANTAGONISTS & INHIBITORS

Antagonistic effect of interferon-beta on the interferon-gamma-induced expression of Ia antigen in murine macrophages. Ling PD, et al. **J Immunol** 1985 Sep; 135(3):1857-63

An inhibitor of interferon action: I. Physical association of the inhibitor with interferon-gamma. Lefkowitz EJ, et al. **J Interferon Res** 1985 Winter;5(1):85-99

An inhibitor of interferon action: II. Biological properties of the IFN-gamma-associated inhibitor of interferon action. Lefkowitz EJ, et al. **J Interferon Res** 1985 Winter; 5(1):101-10

BIOSYNTHESIS

Natural cytotoxicity and interferon production in patients with recurrent respiratory papillomatosis. Naiman HB, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):483-7

Effects of treatment with azathioprine and cyclosporin A on interferon-gamma production by peripheral blood leukocytes of renal allograft recipients. Weimar W, et al. **Antiviral Res** 1985 Feb;5(1):49-54

Interleukin 2 (IL 2) and interferon-gamma production by T lymphocytes from patients with B-chronic lymphocytic leukemia: evidence that normally released IL 2 is absorbed by the neoplastic B cell population. Foa R, et al. **Blood** 1985 Sep;66(3):614-9

Effect of antineoplastic agents on gamma-interferon production in human peripheral blood mononuclear cells. Cesario TC, et al. **Cancer Res** 1984 Nov;44(11):4962-6

Generation of a soluble IFN-gamma inducer by oxidation of galactose residues on macrophages. Antonelli G, et al. **Cell Immunol** 1985 Sep;94(2):440-6

Association of decreased natural and antibody-dependent cellular cytotoxicity and production of natural killer cytotoxic factor and interferon in neonates. Nair MP, et al. **Cell Immunol** 1985 Aug;94(1):159-71

Dissociated production of interleukin-2 and immune (gamma) interferon by phytohaemagglutinin stimulated lymphocytes in healthy infants. Miyawaki T, et al. **Clin Exp Immunol** 1985 Feb;59(2):505-11

Interferon-gamma production by peripheral blood leucocytes from patients with multiple sclerosis and other neurological diseases. Vervliet G, et al. **Clin Exp Immunol** 1985 Feb; 59(2):391-7

Class II antigen expression and gamma interferon modulation of monocytes and retinal pigment epithelial cells from patients with retinitis pigmentosa. Detrick B, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):201-11

Properties of bovine interferons. Luna VE, et al. **Experientia** 1984 Dec 15;40(12):1410-2

Induction of human gamma interferon by Sarcophaga peregrina humoral lectin. Tamura M, et al. **FEBS Lett** 1984 Oct 1;175(2):325-8

Interferon production by mitogen-stimulated human lymphocytes requires differentiation but not DNA synthesis. Bhayani HR, et al. **Hum Immunol** 1985 Jul; 13(3):151-60

Mitogen-induced gamma interferon production in peripheral blood lymphocytes from patients with colorectal tumors. Müller DS, et al. **Immunobiology** 1984 May;166(4-5):494-9

The preparation of interferon gamma-producing T-cell hybridomas from jacalin-stimulated T lymphocytes and the SH9 T-cell line. Crane I, et al. **Immunology** 1984 Dec; 53(4):855-9

Gamma interferon production in response to homologous and heterologous strain antigens in mice chronically infected with Rickettsia tsutsugamushi. Palmer BA, et al. **Infect Immun** 1984 Oct;46(1):237-44

Immune suppression and induction of gamma interferon by pertussis toxin. Vogel FR, et al. **Infect Immun** 1985 Jul; 49(1):90-7

Natural murine interferon-gamma. Evidence for post-translational proteolytic processing. Gribaudo G, et al. **J Biol Chem** 1985 Aug 15;260(17):9936-40

interferon production in primary immunodeficiencies. Matricardi PM, et al. **J Clin Immunol** 1984 Sep;4(5):388-94

Influence of prostaglandin E2 and indomethacin on interferon-gamma production by cultured peripheral blood leukocytes of multiple sclerosis patients and healthy donors. Vervliet G, et al. **J Clin Immunol** 1985 Mar;5(2):102-8

Interferon gamma production by herpes simplex virus antigen-specific T cell clones from patients with recurrent herpes labialis. Cunningham AL, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):249-58

Activation of Lyt-1+ and Lyt-2+ T cell cloned lines: stimulation of proliferation, lymphokine production, and self-destruction. Conta BS, et al. **J Immunol** 1985 Apr; 134(4):2185-90

Peptide growth factors PDGF, EGF, and FGF regulate interferon-gamma production. Johnson HM, et al. **J Immunol** 1985 May;134(5):2824-6

Interleukin 2-mediated events in gamma-interferon production are calcium dependent at more than one site. Johnson HM, et al. **J Immunol** 1985 Feb;134(2):967-70

Activation requirements for antigen- and mitogen-induced interferon-gamma release from cytotoxic T lymphocytes. Klein JR, et al. **J Immunol** 1985 Apr;134(4):2456-61

Production of interleukin 3 and gamma-interferon by an antigen-specific mouse suppressor T cell clone. Koyasu S, et al. **J Immunol** 1985 May;134(5):3130-6

Induction of interferon-gamma production by human natural killer cells stimulated by hydrogen peroxide. Munakata T, et al. **J Immunol** 1985 Apr;134(4):2449-55

OKT3 monoclonal antibody induces production of colony-stimulating factor(s) for granulocytes and macrophages in cultures of human T lymphocytes and adherent cells. Platzer E, et al. **J Immunol** 1985 Jan; 134(1):265-71

Regulation by interleukin 2 of interleukin 2 receptors and gamma-interferon synthesis by human thymocytes: augmentation of interleukin 2 receptors by interleukin 2. Reem GH, et al. **J Immunol** 1985 Feb;134(2):953-8

Impaired production of gamma-interferon by newborn cells in vitro is due to a functionally immature macrophage. Taylor S, et al. **J Immunol** 1985 Mar;134(3):1493-7

Regulation of IFN-gamma induction in human peripheral blood cells by exogenous and endogenously produced interleukin 2. Vilček J, et al. **J Immunol** 1985 Sep; 135(3):1851-6

Defective IFN-gamma production in the human neonate. I. Dysregulation rather than intrinsic abnormality. Wakasugi N, et al. **J Immunol** 1985 Jan;134(1):167-71

Defective IFN-gamma production in the human neonate. II. Role of increased sensitivity to the suppressive effects of prostaglandin E. Wakasugi N, et al. **J Immunol** 1985 Jan;134(1):172-6

Ricin-resistant human T-cell hybridomas producing interferon gamma. Crane IJ, et al. **J Immunol Methods** 1985 Mar 18;77(2):207-18

Induction of interferon gamma in mouse spleen cells by culture supernatants of mycoplasma arthritidis. Kirchner H, et al. **J Interferon Res** 1984 Summer;4(3):389-97

The interferon compartment of the immune response in human malaria: I. Interferon inducers in Plasmodium falciparum cultures. Rhodes-Feuillette A, et al. **J Interferon Res** 1985 Winter;5(1):159-68

Induction of human interferon gamma in nylon-column nonadherent human lymphocyte cells by heat-treated poly I:poly C. Tamura M, et al. **J Interferon Res** 1985 Winter; 5(1):77-84

Markedly enhanced production of gamma interferon in murine T lymphocytes treated with lentil lectin and the diterpene ester, mezerein. Taylor JL, et al. **J Interferon Res** 1984 Summer;4(3):315-27

Production of interferon alpha and interferon gamma by peripheral blood leukocytes from patients with chronic hepatitis B virus infection. Abb J, et al. **J Med Virol** 1985 Jun;16(2):171-6

Immune-specific interferon production by peripheral blood mononuclear leukocytes from patients with primary and recurrent oro-labial herpes simplex virus infections. Green JA, et al. **J Med Virol** 1985 Jul;16(3):297-305

Inverse relationship between constitutive gamma interferon production and human T-cell lymphoma/leukemia virus expression in cultured T lymphocytes. Moore JL, et al. **J Virol** 1985 Feb;53(2):440-6

Failure of gamma-interferon induction in germfree mouse spleen cells by OK-432, a preparation of Streptococcus pyogenes. Ito Y, et al. **Microbiol Immunol** 1984; 28(7):847-51

Constitutive production and characterization of interferon-gamma in a human T-lymphoblastoid cell line transformed by a human retrovirus. Matsuyama M, et al. **Microbiol Immunol** 1984;28(12):1333-43

Participation of macrophages in enhanced in vitro immune interferon (IFN gamma) production with mouse spleen cells. Yamaguchi T, et al. **Microbiol Immunol** 1984; 28(9):1031-40

Gamma interferon and AIDS [letter] Moore JL, et al. **N Engl J Med** 1985 Feb 14;312(7):442-3

Leukocyte adherence inhibition, natural killer cell activity, gamma-interferon production capacity and phytohemagglutinin response in patients treated with recombinant leukocyte A interferon. Tank B, et al. **Oncology** 1985;42(3):157-63

Membrane events leading to interferon-gamma induction by antigens. Dianzani F, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):139-42

Phenotypic and functional heterogeneity of human T cell clones producing gamma-interferon. Melioli G, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):47-52

Cyclosporin A inhibits induction but not production of gamma interferon induced by Epstein-Barr virus. Andersson JP, et al. **Scand J Immunol** 1985 Aug;22(2):203-6

Impaired gamma interferon production by cells from patients with lymphoproliferative disorders of mature T and NK cells. Pandolfi F, et al. **Scand J Immunol** 1985 Apr; 21(4):315-20

Suppression of gamma interferon production by inactivated feline leukemia virus. Engelman RW, et al. **Science** 1985 Mar 15;227(4692):1368-70

[Enhancing effects on interferon-gamma production by combination of OK-432 and interferon-alpha in patients with head and neck cancer] Sugiyama M, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2200-6 (Eng. Abstr.) **(Jpn)**

[Production of gamma interferon and interleukin 2 in mononuclear spleen cells stimulated with concanavalin A] Novak L, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):603-5 (Eng. Abstr.) **(Rus)**

[Production of gamma and alpha interferons by human blood leukocytes in sequential induction] Orlova TG, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):196-8 (Eng. Abstr.) **(Rus)**

BLOOD

Decreased production of interferon alpha and interferon gamma in leucocyte cultures of schizophrenic patients. Moises HW, et al. **Acta Psychiatr Scand** 1985 Jul; 72(1):45-50

A sensitive immunoradiometric assay for gamma interferon, suitable for its measurement in serum [letter] Woloszczuk W. **Clin Chem** 1985 Jun;31(6):1090

Analysis of the interferon system in African patients with acquired immunodeficiency syndrome. Huygen K, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):304-9

The interferon compartment of the immune response in human malaria: II. Presence of serum-interferon gamma following the acute attack. Rhodes-Feuillette A, et al. **J Interferon Res** 1985 Winter;5(1):169-78

Presence of pH2-sensitive circulating interferon among Callithrix jacchus marmosets. Rhodes-Feuillette A, et al. **J Med Primatol** 1984;13(1):41-8

Inactivation of interferon by serum and synovial fluids. O'Kelly P, et al. **Proc Soc Exp Biol Med** 1985 Mar; 178(3):407-11

CEREBROSPINAL FLUID

IFN-gamma and IFN-alpha in CSF in viral meningitis [letter] Abbott RJ, et al. **Lancet** 1985 Aug 24;2(8452):456-7

DEFICIENCY

Immunostimulatory function of herpes simplex virus isolates from patients with frequent herpes labialis and a deficiency in immune-specific interferon production. Klieman RL, et al. **J Med Virol** 1985 Jul;16(3):289-96

GENETICS

Cloning and expression of the chromosomal immune interferon gene of the rat. Dijkema R, et al. **EMBO J** 1985 Mar;4(3):761-7

The production of interferons from natural sources. Edy VG. **Interferon** 1984;1:217-32 (89 ref.)

Cloning and expression of a novel variant of human interferon-gamma cDNA. Nishi T, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):153-9

5-Azacytidine treatment of a murine cytotoxic T cell line alters interferon-gamma gene induction by interleukin 2. Farrar WL, et al. **J Immunol** 1985 Sep;135(3):1551-4

Activation of a human T cell line: a two-stimulus requirement in the pretranslational events involved in the coordinate expression of interleukin 2 and gamma-interferon genes. Wiskocil R, et al. **J Immunol** 1985 Mar;134(3):1599-603

Gamma-interferon transcriptionally regulates an early-response gene containing homology to platelet proteins. Luster AD, et al. **Nature** 1985 Jun 20-26; 315(6021):672-6

The influence of mRNA primary and secondary structure on human IFN-gamma gene expression in E. coli. Tessier LH, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7663-75

Influence of messenger RNA secondary structure on translation efficiency. Nomura M, et al. **Nucleic Acids Symp Ser** 1984;(15):173-6

Human beta:alpha but not gamma interferon binding site is a product of the chromosome 21 interferon action gene. Fournier A, et al. **Somatic Cell Mol Genet** 1985 May; 11(3):291-5

IMMUNOLOGY

Evidence of circulating interferon-gamma in newly diagnosed diabetic children. Tovo PA, et al. **Acta Paediatr Scand** 1984 Nov;73(6):785-8

Study of antigenic epitopes recognized by monoclonal antibodies to recombinant interferon-gamma. Liang CM, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):171-8

Induction of mouse IgG2a- and IgG3-dependent cellular cytotoxicity in human monocytic cells (U937) by immune interferon. Akiyama Y, et al. **Cancer Res** 1984 Nov; 44(11):5127-31

Increase of vulnerability to lymphotoxin in cells infected by vesicular stomatitis virus and its further augmentation by interferon. Aderka D, et al. **Cell Immunol** 1985 May; 92(2):218-25

Interferon enhances antibody-dependent cellular cytotoxicity when suboptimal concentrations of antibody are used. Basham TY, et al. **Cell Immunol** 1984 Oct 15;88(2):393-400

T-cell surface antigens defined by monoclonal antibodies, involved in the induction of human interferon-gamma and interleukin 2. Bhayani H, et al. **Cell Immunol** 1985 Sep; 94(2):536-46

Interferon-gamma can augment expression ability of HLA-DR antigens on pokeweed mitogen-stimulated human T lymphocytes. Miyawaki T, et al. **Cell Immunol** 1984 Dec;89(2):300-9

The significance of alpha/beta interferons and gamma interferon produced in mice infected with Listeria monocytogenes. Nakane A, et al. **Cell Immunol** 1984 Oct 1;88(1):29-40

Detection of anti-interferon antibodies in systemic lupus erythematosus. Suit BE, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):133-5

Analysis of antibody response in patients receiving recombinant Escherichia coli-derived human interferon-gamma. Liang CM, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):95-100

Lymphocyte-keratinocyte interactions mediated through interferon. New observations relevant to psoriasis. Nickoloff BJ. **Cutis** 1984 Nov;34(5):445-6

Recombinant interferon-gamma can induce the expression of HLA-DR and -DC on DR-negative melanoma cells and enhance the expression of HLA-ABC and tumor-associated antigens. Carrel S, et al. **Eur J Immunol** 1985 Feb;15(2):118-23

Interleukin 2 and interferon-gamma are not sufficient to induce natural killer-like activity in human T cell clones. Lopez-Botet M, et al. **Eur J Immunol** 1984 Dec; 14(12):1137-41

Response of glioma cells to interferon-gamma: increase in class II RNA, protein and mixed lymphocyte reaction-stimulating ability. Takiguchi M, et al. **Eur J Immunol** 1985 Aug;15(8):809-14

Interferon gamma produced by mitogen-activated T lymphocytes does not directly mediate lymphoproliferation. Wilkinson M, et al. **Eur J Immunol** 1985 Apr;15(4):404-7

Preparation and characterization of monoclonal antibodies directed at epitopes of human IFN-gamma. Wang CY, et al. **Hybridoma** 1984 Winter;3(4):321-32

Activation of neonatal and adult human macrophages by alpha, beta, and gamma interferons. Wilson CB, et al. **Infect Immun** 1985 Aug;49(2):351-6

Enhancing effects of gamma interferon on phagocytic cell association with and killing of Trypanosoma cruzi. Wirth JJ, et al. **Infect Immun** 1985 Jul;49(1):61-6

Immunomodulation by interferons: recent developments. De Maeyer-Guignard J, et al. **Interferon** 1985;6:69-91 (149 ref.)

Monoclonal antibodies to murine gamma-interferon which differentially modulate macrophage activation and antiviral activity. Schreiber RD, et al. **J Immunol** 1985 Mar; 134[illegible]609-18

Activation of human polymorphonuclear neutrophil functions by interferon-gamma and tumor necrosis factors. Shalaby MR, et al. **J Immunol** 1985 Sep;135(3):2069-73

MIF-like activity of natural and recombinant human interferon-gamma and their neutralization by monoclonal antibody. Thurman GB, et al. **J Immunol** 1985 Jan; 134(1):305-9

Monoclonal antibodies to human interferon-gamma. I. Antibodies to a synthetic carboxyl-terminal peptide. Ichimori Y, et al. **J Immunol Methods** 1985 Jun 12; 80(1):55-66

Monoclonal antibodies to human immune interferon and their use in a sensitive solid-phase ELISA. Van der Meide PH, et al. **J Immunol Methods** 1985 May 23;79(2):293-305

Monoclonal antibodies to murine interferon-gamma: affinity purification and molecular characterization of murine interferon-gamma. Gribaudo G, et al. **J Interferon Res** 1985 Winter;5(1):199-208

Detection of hybridomas secreting monoclonal antibodies to human gamma interferon using a rapid screening technique and specificity of certain monoclonal antibodies to gamma interferon. Meager A, et al. **J Interferon Res** 1984 Fall; 4(4):619-25

Isolation of polyclonal monospecific anti HuIFN-gamma antibodies from an antiserum directed against human IFN-gamma and lymphokines. Stefanos S, et al. **J Interferon Res** 1985 Winter;5(1):39-43

Human epidermal cells synthesize HLA-DR alloantigens in vitro upon stimulation with gamma-interferon. Volc-Platzer B, et al. **J Invest Dermatol** 1985 Jul;85(1):16-9

Effects of recombinant interferon-gamma on HLA-DR antigen shedding by human peripheral blood adherent mononuclear cells. Gershon HE, et al. **J Leukocyte Biol** 1985 Aug;38(2):279-91

The strain of mouse and assay conditions influence whether MuIFN-gamma primes or activates macrophages for tumor cell killing. Pace JL, et al. **J Leukocyte Biol** 1985 Apr; 37(4):475-9

Interferon and class II MHC antigen expression in autoimmunity [letter] Mowat AM. **Lancet** 1985 Aug 3; 2(8449):283

Interferon gamma: more than a MAF. Peters PM, et al. **Lymphokine Res** 1985 Summer;4(3):265-73

Expression of histocompatibility antigens H-2K, -D, and -L is reduced in adenovirus-12-transformed mouse cells and is restored by interferon gamma. Eager KB, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5525-9

Structure and function of human interferon-gamma. Vilček J, et al. **Symp Fundam Cancer Res** 1984;37:299-313

ISOLATION & PURIFICATION

Purification of human gamma-interferon to essential homogeneity and its biochemical characterization. Braude IA. **Biochemistry** 1984 Nov 6;23(23):5603-9

Dissociation of human interferon-gamma-like activity from migration-inhibition factor. Weiser WY, et al. **Cell Immunol** 1984 Oct 1;88(1):109-22

Purification of recombinant glycosylated human gamma interferon expressed in transformed Chinese hamster ovary cells. Devos R, et al. **J Interferon Res** 1984 Fall;4(4):461-8

Biological and biochemical characterization of macrophage activating factor (MAF) in murine lymphocytes:

physiocochemical similarity of MAF to gamma interferon (IFN-gamma). Fukazawa Y, et al. **Microbiol Immunol** 1984; 28(6):691-702

METABOLISM

New derivatives of blue dextran binding and stabilizing human or mouse interferons. Piasecki E, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):231-8

Pharmacokinetics, single-dose tolerance, and biological activity of recombinant gamma-interferon in cancer patients. Kurzrock R, et al. **Cancer Res** 1985 Jun; 45(6):2866-72

Control of immune interferon release by cytotoxic T-cell clones specific for influenza. Taylor PM, et al. **Immunology** 1985 Apr;54(4):607-14

Binding of human recombinant 125I-interferon gamma to receptors on human cells. Littman SJ, et al. **J Biol Chem** 1985 Jan 25;260(2):1191-5

Characterization of receptors for immune interferon in U937 cells with 32P-labeled human recombinant immune interferon. Rashidbaigi A, et al. **J Biol Chem** 1985 Jul 15; 260(14):8514-9

Gamma interferon is spontaneously released by alveolar macrophages and lung T lymphocytes in patients with pulmonary sarcoidosis. Robinson BW, et al. **J Clin Invest** 1985 May;75(5):1488-95

Catabolic sites of human interferon-gamma. Bocci V, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):887-91

125I-labelled human interferons alpha, beta and gamma: comparative receptor-binding data. Merlin G, et al. **J Gen Virol** 1985 May;66 (Pt 5):1149-52

Phosphorylation of recombinant interferon-gamma by kinases released from various cells. Robert-Galliot B, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1439-48

The characteristics of binding of human recombinant interferon-gamma to its receptor on human monocytes and human monocyte-like cell lines. Finbloom DS, et al. **J Immunol** 1985 Jul;135(1):300-5

Antibodies to chromosome 21 coded cell surface components block binding of human alpha interferon but not gamma interferon to human cells. Shulman LM, et al. **Virology** 1984 Sep;137(2):422-7

PHARMACODYNAMICS

Effect of gamma interferon on spreading of mouse peritoneal macrophages on solid surfaces. Kjeldsberg E, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):165-70

Regulation of histocompatibility antigens by interferon. Rosa F, et al. **Ann Inst Pasteur Immunol** 1985 Jan-Feb; 136C(1):103-19

Potentiating effect of murine interferon-gamma-containing lymphokine preparations on the antiviral and antiproliferative effects of murine interferon-alpha/beta: identification of the potentiation factor as murine interferon-gamma itself. Fleischmann WR Jr, et al. **Antiviral Res** 1984 Aug;4(4):221-8

Human interferon-gamma induces expression of HLA-DR on keratinocytes and melanocytes. Auböck J, et al. **Arch Dermatol Res** 1985;277(4):270-5

Reversible resistance to the antiviral action of interferon observed in altered BHK cells resistant to HVJ (Sendai virus) infection. Brief report. Kimura Y, et al. **Arch Virol** 1984;82(3-4):241-6

gamma-Interferon stimulates production of 1,25-dihydroxyvitamin D3 by normal human macrophages. Koeffler HP, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):596-603

The role of interferon-gamma in induction of differentiation of human myeloid leukemia cell lines, ML-1 and HL-60. Takei M, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):100-5

Induction of human HL-60 leukemic cell differentiation by immune interferon is accompanied by an increase in NADase activity and by a decrease in DNA-binding proteins. Borelli TJ, et al. **Biochem Int** 1985 Jul;11(1):61-8

Induction of 2',5'-oligoadenylate synthetase by retinoic acid in two transformed human cell lines. Bourgeade MF, et al. **Cancer Res** 1984 Nov;44(11):5355-60

Effects of human recombinant alpha 2 arg-interferon and gamma-interferon on human breast cancer cell lines: dissociation of antiproliferative activity and induction of HLA-DR antigen expression. Gastl G, et al. **Cancer Res** 1985 Jul;45(7):2957-61

Distinct differentiation-inducing activities of gamma-interferon and cytokine factors acting on the human promyelocytic leukemia cell line HL-60. Harris PE, et al. **Cancer Res** 1985 Jul;45(7):3090-5

Distinct activities of interferon-gamma, lymphokine and cytokine differentiation-inducing factors acting on the human monoblastic leukemia cell line U937. Harris PE, et al. **Cancer Res** 1985 Jan;45(1):9-13

Cooperative regulation of c-myc expression in differentiation of human promyelocytic leukemia induced by recombinant gamma-interferon and 1,25-dihydroxyvitamin D3. Matsui T, et al. **Cancer Res** 1985 Sep;45(9):4366-71

Differential gamma-interferon response of human colon carcinoma cells: inhibition of proliferation and modulation of immunogenicity as independent effects of gamma-interferon on tumor cell growth. Pfizenmaier K, et al. **Cancer Res** 1985 Aug;45(8):3503-9

Interferon-gamma accelerates immune proliferation via its effect on monocyte HLA-DR expression. Becker S. **Cell Immunol** 1985 Mar;91(1):301-7

Expression of the transferrin receptor on murine peritoneal macrophages is modulated by in vitro treatment with interferon gamma. Hamilton TA, et al. **Cell Immunol** 1984 Dec;89(2):478-88

Human monocyte activation for cytotoxicity against intracellular Leishmania donovani amastigotes: induction of microbicidal activity by interferon-gamma. Hoover DL, et al. **Cell Immunol** 1985 Sep;94(2):500-11

Selective inhibitory effect of Hu-IFN-gamma on the agarose clonability of tumor-derived lymphoid cell lines. Torsteinsdottir S, et al. **Cell Immunol** 1985 Jan;90(1):65-73

Macrophage antitumor activity: impaired responsiveness to interferon-gamma of macrophages from genetically defective mice. Boraschi D, et al. **Eur J Immunol** 1984 Nov;14(11):1061-3

Protection of mice against the intracellular bacterium Listeria monocytogenes by recombinant immune interferon. Kiderlen AF, et al. **Eur J Immunol** 1984 Oct;14(10):964-7

Lack of inhibition of mitogen-induced lymphoproliferation by interferon gamma. Pischedda F, et al. **Eur J Immunol** 1985 Apr;15(4):413-5

Differential effects of pure human alpha and gamma interferons on fibroblast cell growth and the cell cycle. Balkwill FR, et al. **Exp Cell Res** 1984 Nov;155(1):190-7

Combinations of interferon-gamma and retinoic acid or 1 alpha, 25-dihydroxycholecalciferol induce differentiation of the human monoblast leukemia cell line U-937. Gullberg U, et al. **Exp Hematol** 1985 Aug;13(7):675-9

Recombinant gamma-interferon inhibits prostaglandin-mediated and parathyroid hormone-induced bone resorption in cultured neonatal mouse calvaria. Peterlik M, et al. **FEBS Lett** 1985 Jun 17;185(2):287-90

Immune interferon inhibits collagen synthesis by rheumatoid synovial cells associated with decreased levels of the procollagen mRNAs. Stephenson ML, et al. **FEBS Lett** 1985 Jan 21;180(1):43-50

Differences in the expression and release of DR, BR, and DQ molecules in human cells treated with recombinant interferon gamma: comparison to other interferons. Capobianchi MR, et al. **Hum Immunol** 1985 May;13(1):1-11

Gamma interferon enhances mitogenic responses induced by pokeweed mitogen. Aoki N, et al. **Immunol Lett** 1985; 10(2):87-90

Decrease of HLA-DR antigen expression by human monocytes during cultivation in absence of exogenous or endogenous interferon-gamma. Volk HD, et al. **Immunol Lett** 1985;10(2):103-7

Recombinant and natural gamma-interferon activation of macrophages in vitro: different dose requirements for induction of killing activity against phagocytizable and nonphagocytizable fungi. Brummer E, et al. **Infect Immun** 1985 Sep;49(3):724-30

Inhibition of growth of Chlamydia trachomatis by human gamma interferon. Shemer Y, et al. **Infect Immun** 1985 May; 48(2):592-6

Cytolytic activity of interferon-gamma and its synergism with 5-fluorouracil. Le J, et al. **Int J Cancer** 1984 Oct 15;34(4):495-500

Induction of HLA class-II antigen expression on human carcinoma cell lines by IFN-Gamma. Schwartz R, et al. **Int J Cancer** 1985 Feb 15;35(2):245-50

Biological effects of gamma-interferon on human tumor cells: quantity and affinity of cell membrane receptors for gamma-IFN in relation to growth inhibition and induction of HLA-DR expression. Ucer U, et al. **Int J Cancer** 1985 Jul 15;36(1):103-8

Interferon-gamma modulates protein kinase C activity in murine peritoneal macrophages. Hamilton TA, et al. **J Biol Chem** 1985 Feb 10;260(3):1378-81

Mechanism of interferon action: inhibition of vesicular stomatitis virus replication in human amnion U cells by cloned human gamma-interferon. II. Effect on viral macromolecular synthesis. Ulker N, et al. **J Biol Chem** 1985 Apr 10;260(7):4324-30

Mechanism of interferon action: inhibition of vesicular stomatitis virus replication in human amnion U cells by cloned human gamma-interferon. I. Effect on early and late stages of the viral multiplication cycle. Ulker N, et al. **J Biol Chem** 1985 Apr 10;260(7):4319-23

Discrimination between nonmalignant and malignant cells by combinations of IFN-gamma and IFN-alpha/beta. Fleischmann WR Jr, et al. **J Biol Response Mod** 1984 Aug; 3(4):397-405

Influences of gamma interferon on synovial fibroblast-like cells. Ia induction and inhibition of collagen synthesis. Amento EP, et al. **J Clin Invest** 1985 Aug;76(2):837-48

Decreased expression of human class II antigens on monocytes from patients with acquired immune deficiency syndrome. Increased expression with interferon-gamma. Heagy W, et al. **J Clin Invest** 1984 Dec;74(6):2089-96

Suppression of normal human erythropoiesis by gamma interferon in vitro. Role of monocytes and T lymphocytes. Mamus SW, et al. **J Clin Invest** 1985 May;75(5):1496-503

Gamma interferon is the lymphokine and beta interferon the monokine responsible for inhibition of fibroblast collagen production and late but not early fibroblast proliferation. Duncan MR, et al. **J Exp Med** 1985 Aug 1;162(2):516-27

Expression of interleukin 2 receptors and binding of interleukin 2 by gamma interferon-induced human leukemic and normal monocytic cells. Herrmann F, et al. **J Exp Med** 1985 Sep 1;162(3):1111-6

Human interferons alpha and beta have more potent priming activities than interferon gamma. Tóth M, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):893-6

Gamma-interferon enhances expression of Class I MHC antigens in the weakly HLA+ human choriocarcinoma cell line BeWo, but does not induce MHC expression in the HLA- choriocarcinoma cell line Jar. Anderson DJ, et al. **J Immunol** 1985 Oct;135(4):2498-501

Interferons as macrophage-activating factors. III. Preferential effects of interferon-gamma on the interleukin 1 secretory potential of fresh or aged human monocytes. Arenzana-Seisdedos F, et al. **J Immunol** 1985 Apr; 134(4):2444-8

Interferon-gamma modulates HLA class II antigen expression on cultured human thymic epithelial cells. Berrih S, et al. **J Immunol** 1985 Aug;135(2):1165-71

Regulation of arachidonic acid metabolism in macrophages by immune and nonimmune interferons. Boraschi D, et al. **J Immunol** 1985 Jul;135(1):502-5

Increased proliferation of human synovial fibroblasts treated with recombinant immune interferon. Brinckerhoff CE, et al. **J Immunol** 1985 May;134(5):3142-6

The synergistic influence of human interferon-gamma and interferon-alpha on suppression of hematopoietic progenitor cells is additive with the enhanced sensitivity of these cells to inhibition by interferons at low oxygen tension in vitro. Broxmeyer HE, et al. **J Immunol** 1985 Oct;135(4):2502-6

Astrocytes as antigen-presenting cells. I. Induction of Ia antigen expression on astrocytes by T cells via immune interferon and its effect on antigen presentation. Fierz W, et al. **J Immunol** 1985 Jun;134(6):3785-93

Enhancing effect of IFN-gamma on helper T cell activity and IL 2 production. Frasca D, et al. **J Immunol** 1985 Jun; 134(6):3907-11

Immunochemical analysis of the modulation of human melanoma-associated antigens by DNA recombinant immune interferon. Giacomini P, et al. **J Immunol** 1985 Oct;135(4):2887-94

gamma-Interferon enhances the secretion of arachidonic acid metabolites from murine peritoneal macrophages stimulated with phorbol diesters. Hamilton TA, et al. **J Immunol** 1985 Apr;134(4):2631-6

Fc gamma receptor-mediated suppression of gamma-interferon-induced Ia antigen expression on a murine macrophage-like cell line (P338D1). Hanaumi K, et al. **J Immunol** 1984 Dec;133(6):2852-6

Recombinant gamma-interferon induces changes in expression and shedding of antigens associated with normal human melanocytes, nevus cells, and primary and metastatic melanoma cells. Herlyn M, et al. **J Immunol** 1985 Jun;134(6):4226-30

Generation of activated killer (AK) cells by recombinant interleukin 2 (rIL 2) in collaboration with interferon-gamma (IFN-gamma). Itoh K, et al. **J Immunol** 1985 May;134(5):3124-9

Recombinant interferon-gamma inhibits the B cell proliferative response stimulated by soluble but not by Sepharose-bound anti-immunoglobulin antibody. Mond JJ, et al. **J Immunol** 1985 Oct;135(4):2513-7

Activation of mouse peritoneal macrophages in vitro and in vivo by interferon-gamma. Murray HW, et al. **J Immunol** 1985 Mar;134(3):1619-22

Effect of recombinant IL 2 and gamma-IFN on proliferation and differentiation of human B cells. Nakagawa T, et al. **J Immunol** 1985 Feb;134(2):959-66

Inhibition of recombinant interferon-gamma-induced Ia antigen expression by shed B16 F10 melanoma cell membrane vesicles. Poutsiaka DD, et al. **J Immunol** 1985 Jan;134(1):145-50

Synergistic activation by recombinant mouse interferon-gamma and muramyl dipeptide of tumoricidal properties in mouse macrophages. Saiki I, et al. **J Immunol** 1985 Jul;135(1):684-8

Differential effects of recombinant human interferon-gamma and interleukin 2 on natural killer cell activity of peripheral blood in early human development. Ueno Y, et al. **J Immunol** 1985 Jul;135(1):180-4

Opposing effects of glucocorticoids on interferon-gamma-induced murine macrophage Fc receptor and Ia antigen expression. Warren MK, et al. **J Immunol** 1985 Apr;134(4):2462-9

Biochemical models of gamma-interferon action: altered expression of transferrin receptors on murine peritoneal macrophages after treatment in vitro with PMA or A23187. Weiel JE, et al. **J Immunol** 1985 Jan;134(1):293-8

Recombinant gamma interferon differentially regulates class II antigen expression and biosynthesis on cultured normal human keratinocytes. Basham TY, et al. **J Interferon Res** 1985 Winter;5(1):23-32

Effect of murine gamma-interferon on the mouse liver and its drug-metabolizing enzymes: comparison with human hybrid alpha-interferon. Franklin MR, et al. **J Interferon Res** 1985 Spring;5(2):265-72

Microassay for studying anticellular effects of human interferons. Ito M. **J Interferon Res** 1984 Fall;4(4):603-8

Potentiation of the antiviral and anticellular activities of interferons by mixtures of HuIFN-gamma and HuIFN-alpha or HuIFN-beta. Oleszak E, et al. **J Interferon Res** 1985 Spring;5(2):361-71

In vivo antiviral activity of recombinant murine gamma interferon. Shalaby MR, et al. **J Interferon Res** 1985 Spring; 5(2):339-45

Differentiation in mouse leukemia cells mediated by an immune interferon preparation. Takano S, et al. **J Interferon Res** 1984 Summer;4(3):383-8

Immunomodulatory and antiproliferative effect of recombinant alpha, beta, and gamma interferons on cultured human malignant squamous cell lines, SCL-1 and SW-1271. Nickoloff BJ, et al. **J Invest Dermatol** 1985 Jun; 84(6):487-90

The in vitro interaction of RA-233 and several interferons on human cell lines. Wolf LM, et al. **J Med** 1984; 15(1):15-21

Interferon-gamma induces the expression of H-2 and Ia antigens on brain cells. Wong GH, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):255-78 (112 ref.)

HLA-DR synthesis induction and expression in HLA-DR-negative carcinoma cell lines of diverse origins by interferon-gamma but not by interferon-beta. Shaw AR, et al. **JNCI** 1985 Jun;74(6):1261-8

Recombinant gamma-interferon and lipopolysaccharide enhance 1,25-dihydroxyvitamin D3-induced cell differentiation in human promyelocytic leukemia (HL-60) cells. Murao SI, et al. **Jpn J Cancer Res** 1985 Jul; 76(7):596-602

The different effects of recombinant human interferon-gamma and recombinant human interferon-beta on the activation of natural killer cells. Okabe M, et al. **Jpn J Cancer Res** 1985 Jul;76(7):608-17

Antiproliferative effects of recombinant alpha- and gamma-interferons on cultured human keratinocytes. Nickoloff BJ, et al. **Lab Invest** 1984 Dec;51(6):697-701

Biological activity of liposome-encapsulated murine interferon gamma is mediated by a cell membrane receptor. Eppstein DA, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3688-92

Effect of recombinant human interferons on NK and K cell activities of gnotobiotic miniature swine. Kim YB, et al. **Prog Clin Biol Res** 1985;181:329-32

Effect of interferon-gamma on class-II antigen expression and accessory cell function. Becker S. **Surv Immunol Res** 1985;4(2):135-45 (59 ref.)

Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells (TEC). VIII: Gamma interferon induced Ia antigen expression on TEC cultures. Salamero J, et al. **Tissue Antigens** 1985 May;25(5):266-77

Enhancement of monocyte immunoregulatory properties and effector functions by recombinant interferon-gamma. Tweardy DJ, et al. **Trans Assoc Am Physicians** 1984; 97:353-64

Interferon-induced guanylate-binding proteins: mapping of the murine Gbp-1 locus to chromosome 3. Prochazka M, et al. **Virology** 1985 Sep;145(2):273-9

[Increase of fibronectin-dependent phagocytosis by immune interferon of the mouse] Cofano F, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):104-8 (Eng. Abstr.) **(Ita)**

[Effect of gamma-interferon on the adherence of streptococci to different murine cell lines] Savoia D, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):113-22 (Eng. Abstr.) **(Ita)**

[Action of human leukocyte and immune interferons on the reproduction and cytopathogenic effect of the encephalomyocarditis virus in mice] Mentkevich LM, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):582-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Role of immune interferon in the monocytic differentiation of human promyelocytic cell lines induced by leukocyte conditioned medium. Dayton ET, et al. **Blood** 1985 Sep; 66(3):583-94

Lymphocyte supernatant-induced human monocyte tumoricidal activity: dependence on the presence of gamma-interferon. Sadlik JR, et al. **Cancer Res** 1985 May; 45(5):1940-5

Interferon-gamma is a strong modulator of NK susceptibility and expression of beta 2-microglobulin but not of transferrin receptors of K562 cells. Grönberg A, et al. **Cell Immunol** 1985 Oct 1;95(1):195-202

Activation of macrophage tumor cytotoxicity by the synergism of two T cell-derived lymphokines: immune interferon (IFN-gamma) and macrophage cytotoxicity-inducing factor 2 (MCIF2). Hamann U, et al. **Eur J Immunol** 1985 Jan;15(1):18-24

Interferon-alpha and -gamma promote myeloid differentiation of HL-60, a human acute promyelocytic leukemia cell line. Buessow SC, et al. **J Biol Response Mod** 1984 Dec;3(6):653-62

Obligatory role of gamma interferon in T cell-replacing factor-dependent, antigen-specific murine B cell responses. Brunswick M, et al. **J Exp Med** 1985 May 1;161(5):953-71

Mouse immune interferon enhances fibronectin production of elicited macrophages. Cofano F, et al. **J Immunol** 1984 Dec;133(6):3102-6

Interferon-gamma requires serum retinoids to promote the expression of tissue transglutaminase in cultured human blood monocytes. Mehta K, et al. **J Immunol** 1985 Apr; 134(4):2053-6

Activation of tissue macrophages from AIDS patients: in vitro response of AIDS alveolar macrophages to lymphokines and interferon-gamma. Murray HW, et al. **J Immunol** 1985 Oct;135(4):2374-7

Effect of interleukin 2, interferon-gamma, and mitogens on the production of tumor necrosis factors alpha and beta. Nedwin GE, et al. **J Immunol** 1985 Oct;135(4):2492-7

Interferon-gamma enhances induction of lymphotoxin in recombinant interleukin 2-stimulated peripheral blood mononuclear cells. Svedersky LP, et al. **J Immunol** 1985 Mar;134(3):1604-8

Induction of the synthesis of triton-soluble proteins in human keratinocytes by gamma interferon. Morhenn VB, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):27s-29s

The differential inhibitory effect of lymphotoxin and immune interferon on normal and malignant lymphoid cells. Powell MB, et al. **Lymphokine Res** 1985 Winter;4(1):13-26

Interferon is a mediator of hematopoietic suppression in aplastic anemia in vitro and possibly in vivo. Zoumbos NC, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):188-92

Inhibition of interferon-gamma may suppress allograft reactivity by T lymphocytes in vitro and in vivo. Landolfo S, et al. **Science** 1985 Jul 12;229(4709):176-9

Mediators released by human lung cells are potent growth factors for human lung fibroblasts. Hunninghake GW, et al. **Trans Assoc Am Physicians** 1984;97:41-8

The effects of interleukin-1, interleukin-2, alpha-interferon, and gamma-interferon on human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1984;97:182-9

SECRETION

Secretion of gamma-interferon at the cellular level. Induction by Epstein-Barr virus. Andersson U, et al. **Scand J Immunol** 1984 Nov;20(5):425-32

Cellular immunity and the acquired immune deficiency syndrome: failure to secrete lymphokines and gamma interferon. Hart CC, et al. **Surv Synth Pathol Res** 1984; 3(5):397-408 (63 ref.)

THERAPEUTIC USE

Enhanced efficacy of the acyclic nucleoside 9-(1,3-dihydroxy-2-propoxymethyl)guanine in combination with gamma interferon against herpes simplex virus type 2 in mice. Fraser-Smith EB, et al. **Antiviral Res** 1985 Jun;5(3):137-44

Recombinant DNA human interferon alpha 2 in advanced breast cancer: a phase 2 trial. Padmanabhan N, et al. **Br J Cancer** 1985 Jan;51(1):55-60

The effects of alpha and gamma interferons on human lung cancer cells grown in vitro or as xenografts in nude mice. Twentyman PR, et al. **Br J Cancer** 1985 Jul;52(1):21-9

Recombinant immune interferon inhibits leukemic cell growth by a monocyte-macrophage-mediated mechanism. Hosoi T, et al. **Exp Hematol** 1985 Aug;13(7):597-602

Human alpha and gamma interferon analogs in rabbits with herpetic keratitis. Trousdale MD, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1244-51

Establishment of the antiviral state in alpha, beta-interferon-resistant Friend cells treated with gamma-interferon. Induction of 67-kilodalton protein kinase activity in absence of detectable 2-5A synthetase. Romeo G, et al. **J Biol Chem** 1985 Mar 25;260(6):3833-8

Therapeutic trial of interferon-gamma in patients with epidemic Kaposi's sarcoma. Krigel RL, et al. **J Biol Response Mod** 1985 Aug;4(4):358-64

A preliminary Phase I trial of partially purified interferon-gamma in patients with cancer. Sherwin SA, et al. **J Biol Response Mod** 1984 Dec;3(6):599-607

Recombinant interferon-gamma (immuneron): results of a phase I trial in patients with cancer. van der Burg M, et al. **J Biol Response Mod** 1985 Jun;4(3):264-72

Effect of murine interferon gamma on murine toxoplasmosis. McCabe RE, et al. **J Infect Dis** 1984 Dec;150(6):961-2

Effect of human gamma interferon on invasiveness of Salmonella typhimurium in HEp-2 cell cultures. Bukholm G, et al. **J Interferon Res** 1985 Winter;5(1):45-53

Effect of human recombinant alpha-2- and gamma-interferon on the growth of human cell lines from solid tumors and hematologic malignancies. Denz H, et al. **J Interferon Res** 1985 Winter;5(1):147-57

Recombinant HuIFN-gamma prevents herpes simplex keratitis in African green monkeys: demonstration of synergism with recombinant HuIFN-alpha 2. Neumann-Haefelin D, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):81-6

[Phase I-II study of recombinant interferon gamma] Adachi K, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1331-8 (Eng. Abstr.) **(Jpn)**

[Experimental studies on the treatment and prophylaxis of cancer by immunoactivators and interferon] Kitasato M. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1472-80 (Eng. Abstr.) **(Jpn)**

[Interferon in the treatment of viral, neoplastic and immunologic diseases] Inglot AD. **Patol Pol** 1984 Jul-Sep; 35(3):245-61 (65 ref.) **(Pol)**

[Interferon] Smogorzewska E. **Probl Med Wieku Rozwoj** 1984;13:176-84 (Eng. Abstr.) **(Pol)**

TOXICITY

Nephrotic syndrome during treatment with interferon [letter] Sriskandan K, et al. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1590-1

The in vitro interaction of alpha-difluoromethyl ornithine (DFMO) and several interferons on human cell lines. Wolf LM, et al. **J Biol Response Mod** 1985 Aug;4(4):391-5

Eradication of cultured human melanoma cells by immune interferon and leukocytes. Tyring SK, et al. **JNCI** 1984 Nov;73(5):1067-73

Marked cytolysis of human tumor cells by interferon gamma and leukocytes. Baron S, et al. **Symp Fundam Cancer Res** 1984;37:257-60

INTERFERONS

see related
VIRAL INTERFERENCE

Third TNO/ISIR Congress on the Biology of the Interferon System. Heidelberg, 21-25 October 1984. **Antiviral Res** 1984 Sep;Spec No:1-170

Synthesis of 1,4-diamino-anthraquinone-2-sulfonic acid derivatives coupled to dextran as carriers for interferon. Charytonowicz D, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):247-53

The molecular structure of interferons. Knight E Jr. **Interferon** 1984;1:61-78 (70 ref.)

Approved names for interferon [letter] Daniels VG, et al. **Lancet** 1985 Mar 16;1(8429):644-5

[Interferons--research, effects and importance] Lodemann E. **Naturwissenschaften** 1984 Nov;71(11):547-51 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Hyporesponsiveness to augmentation of murine natural killer cell activity in different anatomical compartments by multiple injections of various immunomodulators including recombinant interferons and interleukin 2. Talmadge JE, et al. **J Immunol** 1985 Oct;135(4):2483-91

Antiviral and antiproliferative effects of interferons delivered via monoclonal antibodies. Alkan SS, et al. **J Interferon Res** 1984 Summer;4(3):355-63

ADVERSE EFFECTS

Interferon-induced aplasia: evidence for T-cell-mediated suppression of hematopoiesis and recovery after treatment with horse antihuman thymocyte globulin. Mangan KF, et al. **Am J Hematol** 1985 Aug;19(4):401-13

The chimpanzee as a model to test the side effects of human interferons. Schellekens H, et al. **J Med Primatol** 1984; 13(5):235-45 (45 ref.)

ANALYSIS

Use of chicken cell line LSCC-H32 for titration of animal viruses and exogenous chicken interferon. Roth S, et al. **Appl Environ Microbiol** 1985 Mar;49(3):634-6

Assay of interferons. Grossberg SE, et al. **Interferon** 1984; 1:189-216 (105 ref.)

Immunoregulation during acute infection with Epstein-Barr virus: dynamics of interferon and 2',5'-oligoadenylate synthetase activity. Brewster FE, et al. **J Infect Dis** 1985 Jun;151(6):1109-15

How useful are serum and CSF interferon levels as a rapid diagnostic aid in virus infections? Flowers D, et al. **J Med Virol** 1985 Jan;15(1):35-47

Comparison of three bioassays for rat interferon. Burleson GR, et al. **J Virol Methods** 1984 Oct;9(2):163-71

[West Nile virus meningomyeloencephalitis--value of interferon assays in primary encephalitis] Leport C, et al. **Ann Med Interne (Paris)** 1984;135(6):460-3 (Eng. Abstr.) **(Fre)**

[Characterization of interferon in the human spleen] Fauconnier B, et al. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):558-60 (Eng. Abstr.) **(Fre)**

[Will enzyme tests replace biological methods of determining interferon?] Vilček S, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):32-8 (Eng. Abstr.) **(Slo)**

ANTAGONISTS & INHIBITORS

Analogue inhibitor of 2-5A action: effect on the interferon-mediated inhibition of encephalomyocarditis virus replication. Watling D, et al. **EMBO J** 1985 Feb; 4(2):431-6

Chemically-altered viral susceptibilities, stressing tissue cultures, metals, interferon, and porcine iron deficiency. Gainer JH. **Prog Clin Biol Res** 1984;161:171-86

Interferon and interferon inactivators in patients with acquired immune deficiency syndrome and Kaposi's sarcoma. A preliminary report. Ikossi-O'Connor MG, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):271-7

[Production of the hyporeactivity factor by mouse cells] Sokolova TM, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):329-30 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Interferon production of spotted souslik [letter] Kandefer-Szerszen M. **Acta Virol (Praha)** 1984 Jul; 28(4):346

Studies of interferon production and natural killing by lymphocytes from multiple sclerosis patients. Neighbour PA. **Ann NY Acad Sci** 1984;436:181-91 (41 ref.)

Interferon response in colostrum-deprived newborn calves infected with bovine rotavirus: its possible role in the control of the pathogenicity. Vanden Broecke C, et al. **Ann Rech Vet** 1984;15(1):29-34

Interferon inducibility in mice treated with Corynebacterium parvum. Storch E, et al. **Antiviral Res** 1985 Apr;5(2):117-23

Spontaneous interferon in viral infection in mice. Cembrzyńska-Nowak M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):695-701

Effect of verapamil on interferon production, mastocyte degranulation and histamine release--studies in mice sensitized with ovalbumin. Jankowska R, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):583-7

Production and initial characterization of spotted souslik (Spermophilus suslicus) interferon. Kandefer-Szerszeń M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):451-7

The biological relationship of mouse hepatitis virus (MHV) strains and interferon: in vitro induction and sensitivities. Garlinghouse LE Jr, et al. **Arch Virol** 1984;82(1-2):19-29

The effect of temperature on production and function of bovine interferons. Letchworth GJ 3rd, et al. **Arch Virol** 1984;82(3-4):211-21

Factor determining the antigenic type of interferons produced in human lymphoblastoid cell lines. Matsuoka H, et al. **Biken J** 1984 Dec;27(4):153-9

Biphasic production of immune interferon during mitogen-induced blastogenesis of human peripheral blood mononuclear leukocytes. Venker P, et al. **Biomed Biochim Acta** 1985;44(4):573-83

Interferon production in mixed cultures of murine leukocytes and syngeneic L1210 leukemia cells. Sarzotti M, et al. **Boll Ist Sieroter Milan** 1982;61(3):218-24

Carbaryl inhibition of interferon synthesis in cultured goldfish cells. Shea TB. **Bull Environ Contam Toxicol** 1985 Jan; 34(1):109-13

Impaired in vitro interferon, blastogenic, and natural killer cell responses to viral stimulation in acquired immune deficiency syndrome. Hersh EM, et al. **Cancer Res** 1985 Jan;45(1):406-10

Inverse relationship between interferon production by mononuclear leucocytes and oxidative metabolism of neutrophil granulocytes in infection prone children. Bondestam M, et al. **Clin Exp Immunol** 1985 Apr; 60(1):196-202

Interferon deficiency syndrome. Levin S, et al. **Clin Exp Immunol** 1985 May;60(2):267-73

In vitro production of different interferon types by cloned human NK cells. Nocera A, et al. **Clin Exp Immunol** 1985 May;60(2):274-84

Deficient immune interferon production in tuberculosis. Onwubalili JK, et al. **Clin Exp Immunol** 1985 Feb; 59(2):405-13

Interferon production by cultured peripheral leucocytes of MS patients. Vervliet G, et al. **Clin Exp Immunol** 1984 Oct;58(1):116-26

Association of decreased T-cell-mediated natural cytotoxicity and interferon production in Down's syndrome. Nair MP, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):412-24

Interferon synthesis in the early post-implantation mouse embryo. Barlow DP, et al. **Differentiation** 1984; 27(3):229-35

Inhibition of viral interferon induction in mammalian cell cultures by azo dyes and derivatives activated with rat liver S9 fraction. Hahon N. **Environ Res** 1985 Jun;37(1):228-38

Augmentation of mitogen-induced interferon production in lymphocytes by thymosin. Diezel W, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):99-104

Attempts to correlate interferon induction and activation of natural killer cells by Corynebacterium parvum. Chmielarczyk W, et al. **Immunobiology** 1985 May; 169(4):403-11

Production of lymphokines and interferon by immune cells involved in recovery of mice from herpes simplex virus type 2 hepatitis. Iannello D, et al. **Immunobiology** 1985 May; 169(4):412-23

Kinetics and characterization of interferon production by murine spleen cells stimulated with Legionella pneumophila antigens. Blanchard DK, et al. **Infect Immun** 1985 Sep; 49(3):719-23

Streptococcus pneumoniae cocultured with fibroblasts enhances both interferon production and cytotoxic activity by lymphocytes. Weigent DA, et al. **Infect Immun** 1985 Sep;49(3):593-7

Effect of splenectomy on production of interferon and colony-stimulating factor in Listeria monocytogenes-infected mice. Wood PR, et al. **Infect Immun** 1984 Dec;46(3):860-1

Interferon production in male homosexuals with the acquired immune deficiency syndrome (AIDS) or generalized lymphadenopathy. Abb J, et al. **Infection** 1984 Jul-Aug; 12(4):240-2

Interferon production following NO2 exposure. Lefkowitz SS, et al. **Int J Immunopharmacol** 1984;6(4):275-8

Induction and inducers of interferon. Ho M. **Interferon** 1984; 1:79-124 (371 ref.)

Interferon induction by viruses: double-stranded ribonucleic acid as the common proximal inducer molecule. Marcus PI. **Interferon** 1984;3:113-75 (237 ref.)

Interferon production and its regulation. Vilček J. **Interferon** 1984;3:1-10 (43 ref.)

Production and characterization of interferon from endothelial cells. Einhorn S, et al. **J Cell Physiol** 1985 Feb; 122(2):200-4

Effect of PSK on interferon production in tumor-bearing mice. Kitani H, et al. **J Clin Lab Immunol** 1984 Dec; 15(4):211-4

Human gingival fibroblast production of interferon. Rose GG, et al. **J Dent Res** 1984 Dec;63(12):1369-75

Characterization of interferon induction in mice of resistant and susceptible strains during murine cytomegalovirus infection. Allan JE, et al. **J Gen Virol** 1985 May;66 (Pt 5):1105-12

Continuous production of interferon in normal mice: effect of anti-interferon globulin, sex, age, strain and environment on the levels of 2-5A synthetase and p67K kinase. Galabru J, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):711-8

Comparative studies of rabies and Sindbis virus replication in human neuroblastoma (SYM-I) cells that can produce interferon. Honda Y, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1645-53

Role of sex and early interferon production in the susceptibility of mice to encephalomyocarditis virus. Pozzetto B, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):701-9

Interferon induction by viruses. XII. Inhibition of protein synthesis renders aged chick embryo cells refractory to interferon induction. Svitlik C, et al. **J Gen Virol** 1985 Apr; 66 (Pt 4):883-6

Genetics of resistance to the African trypanosomes. V. Qualitative and quantitative differences in interferon production among susceptible and resistant mouse strains. de Gee AL, et al. **J Immunol** 1985 Apr;134(4):2723-6

Presence of interferon during bacterial otitis media [letter] Howie VM, et al. **J Infect Dis** 1985 Aug;152(2):428-9

Proliferation and interferon production in whole blood samples and isolated lymphocyte preparations. Doldi K, et al. **J Interferon Res** 1985 Winter;5(1):55-64

Developmentally regulated expression of the interferon system during Syrian hamster embryogenesis. Greene JJ, et al. **J Interferon Res** 1984 Fall;4(4):517-27

Chronic induction of interferon by continuous infusion of polyriboinosinic:polyribocytidilic acid. Rothmann SA, et al. **J Interferon Res** 1985 Spring;5(2):273-8

Interferon induction by viruses. XI. Early events in the induction process. Svitlik C, et al. **J Interferon Res** 1984 Fall;4(4):585-602

Adsorption of poly rI:rC on cell membrane participating and nonparticipating in interferon induction. Yoshida I, et al. **J Interferon Res** 1985 Winter;5(1):1-10

Interferon production in murine macrophage-like cell lines. Salo RJ, et al. **J Leukocyte Biol** 1985 Apr;37(4):395-406

Induction of interferon and activation of NK cells and macrophages in mice by oral administration of Ge-132, an organic germanium compound. Aso H, et al. **Microbiol Immunol** 1985;29(1):65-74

Changes of chromatin conformation around mouse interferon-beta gene associated with induction of interferon synthesis. Higashi Y. **Nucleic Acids Res** 1985 Jul 25; 13(14):5157-72

The physiological interferon response: IV. Production of interferon by the perfused human placenta at term. Bocci V, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):137-43

Interferon induction in vitro by polyribonucleotides and intercalating drugs. Jamison JM, et al. **Prog Clin Biol Res** 1985;172B:243-51

Human peripheral blood null lymphocytes stimulated by Staphylococcus aureus Cowan I produce atypical acid-labile interferon in vitro. Funa K, et al. **Scand J Immunol** 1985 Jan;21(1):55-62

Highly increased natural killer cell number and lytic activity in the murine peripheral blood and lungs after interferon induction in vivo. Hurme M, et al. **Scand J Immunol** 1984 Oct;20(4):371-6

[Effect of serum inhibitory factor on interferon response in patients with hepatitis B] Zhang DF. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):273-6 **(Chi)**

[Interferon research at home and elsewhere] Cantell K. **Duodecim** 1985;101(3):348-52 **(Fin)**

[Thymus hormones--increased interferon production by human lymphocytes and therapeutic aspects] Diezel W, et al. **Dermatol Monatsschr** 1984;170(11):677-82 (21 ref.) (Eng. Abstr.) **(Ger)**

[Defects of interferon formation] Abb J. **Internist (Berlin)** 1985 Feb;26(2):103-8 **(Ger)**

[Effects of Staphylococcus aureus Cowan I strain on the natural killer (NK) activity and interferon induction of mouse spleen cells in vitro] Lee B, et al. **Nippon Saikingaku Zasshi** 1984 Sep;39(5):817-9 (Eng. Abstr.) **(Jpn)**

[Physiological interferon] Błach-Olszewska Z. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):655-66 (42 ref.) (Eng. Abstr.) **(Pol)**

[Molecular aspects of interferon induction by adenoviruses] Béládi I, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):480-3 (Eng. Abstr.) **(Rus)**

[Effect of thymosin on interferon production and antiviral resistance in mice] Nosik NN, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):64-7 (Eng. Abstr.) **(Rus)**

[Stimulating action of calcium chloride on the formation of human immune interferon] Orlova TG, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):99-102 **(Rus)**

[Rabbit immune interferon] Shcheglovitova ON, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):746-9 **(Rus)**

BLOOD

Presence of acid-labile interferon in the serum of sarcoidosis patients [letter] Rottoli L, et al. **Acta Virol (Praha)** 1985 Jan;29(1):91

Serum interferon in patients with psychosis. Preble OT, et al. **Am J Psychiatry** 1985 Oct;142(10):1184-6

Bluetongue virus-induced interferon in cattle. MacLachlan NJ, et al. **Am J Vet Res** 1985 Jun;46(6):1238-41

Lack of in vivo activation of the interferon system in HBsAg-positive chronic active hepatitis. Poitrine A, et al. **Hepatology** 1985 Mar-Apr;5(2):171-4

Clinical and immunological characterization of systemic lupus erythematosus in patients with circulating interferon and migration inhibitory factor. Rovenský J, et al. **Int J Clin Pharmacol Res** 1984;4(6):465-8

Effect of exercise on plasma interferon levels. Viti A, et al. **J Appl Physiol** 1985 Aug;59(2):426-8

Application of an objective biological assay of human interferons to clinical specimens and a survey of a normal population. Forti RL, et al. **J Clin Microbiol** 1985 May; 21(5):689-93

Circulating interferon and clinical symptoms in Colorado tick fever. Ater JL, et al. **J Infect Dis** 1985 May;151(5):966-8

The physiologic interferon response. VI. Interferon activity in human plasma after a meal and drinking. Bocci V, et al. **Lymphokine Res** 1985 Spring;4(2):151-8

Serum interferon as a biological marker in malignant tumors. Horn Y, et al. **Oncology** 1985;42(3):164-8

Relationship between circulating immune complexes, serum interferon and clinical features in sarcoidosis. Biglino A, et al. **Respiration** 1985;47(4):293-8

[Interferon production and lymphoproliferation in whole blood of schizophrenia patients] Schindler L, et al. **Immun Infekt** 1985 Apr;13(2):87-8 (Eng. Abstr.) **(Ger)**

[Interferon production in acute virus hepatitis] Pirovino M, et al. **Leber Magen Darm** 1984 Nov;14(6):258-60 (Eng. Abstr.) **(Ger)**

[The effect of corticosteroids on interferon system in Vogt-Koyanagi-Harada's disease] Kotake S, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1021-6 (Eng. Abstr.) **(Jpn)**

[Interrelations of natural cellular cytotoxicity and interferon systems in immobilization stress] Sukhikh FT, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):593-5 (Eng. Abstr.) **(Rus)**

[Nature of the interferon circulating in the blood of bronchial asthma patients] Ershov FI, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):547-9 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

A search for interferon in the CSF of chronic schizophrenic patients [letter] Roy A, et al. **Am J Psychiatry** 1985 Feb; 142(2):269

GENETICS

Interferon genes: gene structure and elements involved in gene regulation. Collins J. **Interferon** 1984;3:33-83 (192 ref.)

Evolution of interferon genes. Miyata T, et al. **Interferon** 1985;6:1-30 (73 ref.)

Production of interferon by application of recombinant DNA techniques. Volckaert G. **Interferon** 1984;1:233-49 (49 ref.)

Synthesis, secretion and processing of alpha-factor-interferon fusion proteins in yeast. Singh A, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):8927-38

[A comparative study on the characterization of IFN gene expression of 2 human cell lines with different IFN-inducing abilities] Lin JX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):244-8 (Eng. Abstr.) **(Chi)**

[Cytogenetics of the human interferon system] Khesin IaE. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):6-12 (49 ref.) **(Rus)**

IMMUNOLOGY

Baseline and interferon-enhanced natural killer cell activity in rheumatoid arthritis. Pedersen BK, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1985 Apr; 93(2):79-84

Interferons and natural killer cells. Rager-Zisman B, et al. **Br Med Bull** 1985 Jan;41(1):22-7 (43 ref.)

Interferon and autoimmunity. Moutsopoulos HM, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):81-4 (25 ref.)

The host defense system in the human newborn: the role of interferon and the natural killer cell. Read SE, et al. **Clin Invest Med** 1984;7(4):259-62

Interferon triggers experimental synovitis and may potentiate auto-immune disease in humans. Rosenbach TO, et al. **Clin Rheumatol** 1984 Sep;3(3):361-4 (32 ref.)

Regulation of Epstein-Barr virus infection by recombinant interferons. Selected sensitivity to interferon-gamma. Lotz M, et al. **Eur J Immunol** 1985 May;15(5):520-5

Is modulation of HLA display by interferon important in preventing the development of the chronic carrier state of hepatitis B virus in adults? Thomas HC, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):287-9

Interferon induction in human leukocytes after in vitro exposure to cytomegalovirus or Epstein-Barr virus. Einhorn L, et al. **Intervirology** 1985;23(3):140-9

Interleukin 1 production by the human monocyte cell line U937 requires a lymphokine induction signal distinct from

interleukin 2 or interferons. Amento EP, et al. **J Immunol** 1985 Jan;134(1):350-7
Interferon produced endogenously in response to CSF-1 augments the functional differentiation of progeny macrophages. Moore RN, et al. **J Leukocyte Biol** 1985 May; 37(5):659-64
Leukocytes from multiple sclerosis patients respond to alpha- and gamma-interferons. Kamin-Lewis RM, et al. **J Neuroimmunol** 1985 Aug;9(3-4):221-7
Role of natural killer (NK) cells and interferon in self-defense mechanisms. Kumagai K. **Jpn J Med** 1985 May;24(2):183-6 (26 ref.)
Interferon determinations in evaluating the immune response. Hooks JJ, et al. **Prog Clin Biol Res** 1984;161:117-25
Interferons, a group of multiple lymphokines. Kirchner H. **Springer Semin Immunopathol** 1984;7(4):347-74 (158 ref.)
[Interferon and natural cytotoxicity] Skurska Z. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):615-32 (84 ref.) (Eng. Abstr.) **(Pol)**
[Cytotoxic action of the interferons produced by the cells of newborn and sexually mature animals] Malinovskaia VV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):78-81 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

The purification of interferons: recent developments. Lewis WG, et al. **Interferon** 1984;1:251-66 (121 ref.)
Purification of chick interferon by zinc chelate affinity chromatography and sodium dodecylsulfate-polyacrylamide gel electrophoresis. Krempien U, et al. **J Interferon Res** 1985 Winter; 5(1):209-14
Unusual apparently constitutive interferons and antagonists in human placental blood. Duc-Goiran P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5010-4

METABOLISM

Activated interferon system in healthy homosexual men. Levin S, et al. **Antiviral Res** 1985 Aug;5(4):229-40
Renal handling of interferons. Pacini A, et al. **Contrib Nephrol** 1984;42:60-9
Virus-specific, early appearing neutralizing activity and interferon in tears of patients with acute hemorrhagic conjunctivitis. Langford MP, et al. **Curr Eye Res** 1985 Mar; 4(3):233-9
Interferon receptors and interferon binding. Chany C. **Interferon** 1984;3:11-32 (128 ref.)
Characterization of human beta-interferon-binding sites on human cells. Thompson MR, et al. **J Biol Chem** 1985 Jan 10;260(1):563-7
Studies on cell binding and internalization of human lymphoblastoid (Namalva) interferon. Feinstein S, et al. **J Interferon Res** 1985 Winter;5(1):65-76

PHARMACODYNAMICS

Effects of human interferon preparations on neutrophil function. Udén AM, et al. **Acta Med Scand** 1984; 216(2):179-86
Interferon responses in maternal and fetal mice. Evans AT, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):99-102
Potentiation of interferon action by mixtures of recombinant DNA-derived human interferons. Fleischmann WR Jr, et al. **Antiviral Res** 1984 Dec;4(6):357-60
Cyclic GMP levels in interferon treated cells. Rochette-Egly C, et al. **Antiviral Res** 1985 Jun;5(3):127-35
Effect of interferons on dengue virus multiplication in cultured monocytes/macrophages. Hotta H, et al. **Biken J** 1984 Dec;27(4):189-93
Characterisation of the interferon-mediated protein kinase by polyclonal antibodies. Laurent AG, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):1-7
Potentiation of thermal injury in mouse cells by interferon. Tumarkin L, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):179-84
Regulation of cell proliferation and differentiation by interferons. Clemens MJ, et al. **Biochem J** 1985 Mar 1; 226(2):345-60 (215 ref.)
Effect of interferon and double-stranded RNA on B-cell function in mouse islets of Langerhans. Rhodes CJ, et al. **Biochem J** 1985 May 15;228(1):87-94
The effects of recombinant-DNA-derived interferons on the growth of myeloid progenitor cells. Rigby WF, et al. **Blood** 1985 Apr;65(4):858-61
Direct and indirect effects of interferon on in vivo murine tumor cell growth. Uno K, et al. **Cancer Res** 1985 Mar; 45(3):1320-7
Effects of interferon and gangliosides on growth of cultured human glioma and fetal brain cells. Yates AJ, et al. **Cancer Res** 1985 Mar;45(3):1033-9
Induction of natural killer cell activity of thoracic duct lymphocytes by polyinosinic-polycytidylic acid (poly(I:C)) or interferon. Fresa KL, et al. **Cell Immunol** 1985 Apr 1; 91(2):336-43
The action of interferon on growth and differentiation of mouse neuroblastoma cells. Allin EP. **Cell Mol Biol** 1984; 30(4):385-90
Regulation of ppp(A2'p)nA-dependent RNase levels during interferon treatment and cell differentiation. Krause D, et al. **Eur J Biochem** 1985 Feb 1;146(3):611-8
Synergistic protection by specific antibodies and interferon against infection by Trypanosoma cruzi in vitro. Plata F, et al. **Eur J Immunol** 1984 Oct;14(10):930-5
Cytochemistry of the tubular aggregates found in hepatocytes of interferon-treated suckling mice. Moss J, et al. **Histochem J** 1985 Jan;17(1):33-41
Induction of the expression of HLA class I antigens on K562 by interferons and sodium butyrate. Sutherland J, et al. **Hum Immunol** 1985 Feb;12(2):65-73
Analysis of effects of lipopolysaccharide and interferon on murine macrophages: modulation of elastase secretion in vitro. Duc Dodon M, et al. **Infect Immun** 1985 Sep; 49(3):709-14
Interferon in experimental autoimmune encephalomyelitis (EAE): effects of exogeneous interferon on the antigen-enhanced adoptive transfer of EAE. Abreu SL. **Int Arch Allergy Appl Immunol** 1985;76(4):302-7
The augmentation of human NK-cell activity by auranofin compared to interferon. Russell AS, et al. **Int J Immunopharmacol** 1984;6(5):451-4
Alpha and gamma interferons' effects on cortical and hippocampal neurons: microiontophoretic application and single cell recording. Reyes-Vazquez C, et al. **Int J Neurosci** 1984 Dec;25(1-2):113-21
The antiviral effect of interferon on cells. Content J. **Interferon** 1984;1:125-38 (92 ref.)
Interferons and the immune system. De Maeyer E. **Interferon** 1984;1:167-85 (121 ref.)
The effect of interferon on membrane-associated viruses. Friedman RM, et al. **Interferon** 1984;3:319-41 (114 ref.)
Interferon effects on cell differentiation. Grossberg SE, et al. **Interferon** 1984;3:299-317 (81 ref.)
The road to interferon: interference by inactivated influenza virus. Henle W, et al. **Interferon** 1984;1:1-22 (98 ref.)
The role of interferon-induced proteins, double-stranded RNA and 2', 5'-oligoadenylate in the interferon-mediated inhibition of viral translation. Johnston MI, et al. **Interferon** 1984;3:189-298 (32 ref.)
Mechanisms of interferon action: reflections on the 2-5A system. Silverman RH. **Interferon** 1984;3:177-88 (47 ref.)
Effects of interferons on cell physiology. Sreevalsan T. **Interferon** 1984;3:343-87 (209 ref.)
Effects of interferons on cell growth and function. Taylor-Papadimitriou J. **Interferon** 1984;1:139-66 (180 ref.)
Mechanism of interferon action. The interferon-induced phosphoprotein P1 possesses a double-stranded RNA-dependent ATP-binding site. Bischoff JR, et al. **J Biol Chem** 1985 Jul 15;260(14):8237-9
Chloroquine impairs the interferon-induced antiviral state without affecting the 2',5'-oligoadenylate synthetase. Chelbi-Alix MK, et al. **J Biol Chem** 1985 Jul 5; 260(13):7960-4
Interferon-induced transfer of natural cytotoxic activity between human leukocytes. Weigent DA, et al. **J Biol Response Mod** 1985 Feb;4(1):60-9
Biological similarities of rat fibroblast interferon to human and mouse alpha interferons. Davis CT, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1961-8
Isolation of Daudi cells with reduced sensitivity to interferon. III. Interferon-induced proteins in relation to the phenotype of interferon resistance. Dron M, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):787-95
Enzyme immunoassay of interferon with peroxidase-labelled virus-specific monoclonal antibodies. Van Tiel FH, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1353-6
Comparative effects of various classes of mouse interferons on macrophage activation for tumor cell killing. Pace JL, et al. **J Immunol** 1985 Feb;134(2):977-81
Studies of interferon as a regulator of hematopoietic cell proliferation. Raefsky EL, et al. **J Immunol** 1985 Oct; 135(4):2507-12
Bone marrow-derived macrophages: development and regulation of differentiation markers by colony-stimulating factor and interferons. Warren MK, et al. **J Immunol** 1985 Feb;134(2):982-9
Growth of wild-type and interferon-sensitive mengovirus in tk- L cells. Geier EA, et al. **J Interferon Res** 1985 Spring; 5(2):297-304
Interferon-sensitive coxsackievirus variants in nature. Jordan GW, et al. **J Interferon Res** 1985 Spring;5(2):289-96
Characteristics of the induction of two double-stranded RNA-dependent enzymes by interferon in parental and variant L cells. Veomett GE, et al. **J Interferon Res** 1985 Spring;5(2):327-37
Interferon enhancement of HLA-DR antigen expression on epidermal Langerhans cells. Berman B, et al. **J Invest Dermatol** 1985 Jan;84(1):54-8
Does the immune system communicate with the central nervous system? Interferon modifies central nervous activity. Dafny N, et al. **J Neuroimmunol** 1985 Jul; 9(1-2):1-12
Effects of pure interferons on Epstein-Barr virus infection in vitro. Andersson JP, et al. **J Virol** 1985 May;54(2):615-8
Cleavage of nascent reovirus mRNA by localized activation of the 2'-5'-oligoadenylate-dependent endoribonuclease. Baglioni C, et al. **J Virol** 1984 Dec;52(3):865-71
Double-stranded RNA-dependent protein kinase and 2-5A system are both activated in interferon-treated, encephalomyocarditis virus-infected HeLa cells. Rice AP, et al. **J Virol** 1985 Jun;54(3):894-8
The effects of interferon on murine erythropoiesis. Huie ML, et al. **Life Sci** 1985 Jul 1;36(26):2459-62
Expression of the anti-cell fusion action of human interferon. Takahashi F, et al. **Microbiol Immunol** 1984;28(9):1065-9
Interferons and oncogenes. Clemens M. **Nature** 1985 Feb 14-20;313(6003):531-2
Effects of interferon on differentiation of normal and tumor cells. Fisher PB, et al. **Pharmacol Ther** 1985;27(2):143-66 (116 ref.)
Mouse major histocompatibility class I gene expression begins at midsomite stage and is inducible in earlier-stage embryos by interferon. Ozato K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2427-31
Interferon: a candidate as the endogenous substance preventing tolerance and dependence to brain opioids. Dafny N. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(3):351-7
Depressed NK cell activity of peripheral blood mononuclear cells in untreated hodgkin's disease: enhancing effect of interferon in vitro. Levy S, et al. **Scand J Haematol** 1984 Oct;33(4):386-90
[Control of melanogenesis by glycosylation inhibitors and the inhibitory effect of interferon on melanoma metastasis] Mishima Y, et al. **Gan To Kagaku Ryoho** 1985 Jun; 12(6):1235-44 (Eng. Abstr.) **(Jpn)**
[Simple method of determining the antiproliferative activity of human interferons] Aspetov RD, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):204-8 (Eng. Abstr.) **(Rus)**
[Effect of interferon on the formation of sister chromatid exchanges and DNA reparative synthesis in the leukocytes of Marfan's syndrome patients defective in the repair of induced DNA damage] Makedonov GP, et al. **Dokl Akad Nauk SSSR** 1984;279(2):484-7 **(Rus)**
[tRNA as an activator of protein kinase induced by interferon] Verkhatskaia AA, et al. **Dokl Akad Nauk SSSR** 1985 Jan-Feb;280(1):233-5 **(Rus)**

PHYSIOLOGY

Immunomodulatory effects of interferons on human mononuclear cells with special reference to the expression of cell surface antigens. Hokland ME. **Acta Pathol Microbiol Immunol Scand [Suppl]** 1985; 286:1-35 (285 ref.)
Role of interferon in the resistance of C3H/HeJ mice to infection with herpes simplex virus. Chmielarczyk W, et al. **Antiviral Res** 1985 Feb;5(1):55-9
Interferons and cell growth regulation. Quesada JR, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1213-5
Role of prostaglandin E and interferon in secretion of colony-stimulating factor by murine macrophages after in vitro treatment with biological response modifiers. Schlick E, et al. **Int J Immunopharmacol** 1984;6(5):407-18
The main concepts and achievements in interferon research: a historical account. Billiau A. **Interferon** 1984;1:23-58 (177 ref.)
Interferons and cell differentiation. Rossi GB. **Interferon** 1985;6:31-68 (207 ref.)
Interferon enhances the susceptibility of virus-infected fibroblasts to cytotoxic T cells. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):257-62
Lysis of human cytomegalovirus infected fibroblasts by natural killer cells: demonstration of an interferon-independent component requiring expression of early viral proteins and characterization of effector cells. Borysiewicz LK, et al. **J Immunol** 1985 Apr; 134(4):2695-701
Immunity to herpes simplex virus: virus reactivation modulates lymphokine activity. Sheridan JF, et al. **J Infect Dis** 1985 Sep;152(3):449-56
Mechanism of calcium ionophore A23187-induced priming of bone marrow-derived macrophages for tumor cell killing: relationship to priming by interferon. Johnson HM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5959-62
Antiviral and antiproliferative properties of interferons: mechanism of action. Esteban M, et al. **Prog Med Virol** 1985;32:159-73
The human interferons: from the past and into the future. Pestka S, et al. **Symp Fundam Cancer Res** 1984;37:261-81 (116 ref.)
[Pregnancy and interferon] Arnaudova V. **Akush Ginekol (Sofiia)** 1985;24(3):76-81 (27 ref.) **(Bul)**
[Symposium on mechanisms of host defense from fundamental and clinical medicine. 2. Role of natural killer (NK) cells and interferon in self-defense mechanisms] Kumagai K. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1747-51 (21 ref.) (Eng. Abstr.) **(Jpn)**
[Interferon and growth factors in the light of the new evolutionary theory of hormones] Inglot AD. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):633-53 (57 ref.) (Eng. Abstr.) **(Pol)**
[Interferon influences the immunologic defense of the body--an important physiological immunity-regulating function?] Kiessling R, et al. **Lakartidningen** 1985 Jul 24; 82(30-31):2593-7 **(Swe)**

SECRETION

Stimulated human alveolar macrophages secrete interferon. Nugent KM, et al. **Am Rev Respir Dis** 1985 May; 131(5):714-8
Maturation of fetal thymocytes in organ culture: secretion of interleukin 2, interferon and colony stimulating factors. Kisielow P, et al. **Thymus** 1985;7(3):189-98

THERAPEUTIC USE

Single agent therapy of interferon for brain tumours: correlation between natural killer activity and clinical course. Otsuka S, et al. **Acta Neurochir (Wien)** 1984; 73(1-2):13-23

Interferon treatment of adenoviral conjunctivitis. Adams CP Jr, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):429-32

Virus chemotherapy: antiviral drugs and interferon. Kaufman HE, et al. **Antiviral Res** 1984 Dec;4(6):333-8

Interferons in oncology. Salmon SE. **Ariz Med** 1985 Mar; 42(3):160-2

Progress toward therapeutic application of interferons, 1979-1983. Borden EC. **Cancer** 1984 Dec 1;54(11 Suppl):2770-6 (85 ref.)

In vitro and in vivo studies on potentiation of cytotoxic effects of anticancer drugs or cobalt 60 gamma ray by interferon on human neoplastic cells. Namba M, et al. **Cancer** 1984 Nov 15;54(10):2262-7

Perusing the ASCO abstracts with a focus on interferons in malignant melanoma and renal cell carcinoma. Carter SK. **Cancer Chemother Pharmacol** 1984;13(3):153-6

Treatment regimen and host T-cell-dependent therapeutic effect of interferon in mouse solid tumors. Kataoka T, et al. **Cancer Res** 1985 Aug;45(8):3548-53

Interferon treatment of chronic rubella associated arthritis [letter] Armstrong RD, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):93-4

Biological response modifiers: preclinical evaluation and clinical activity. Smalley RV, et al. **CRC Crit Rev Oncol Hematol** 1984;1(3):259-94 (317 ref.)

Use of recombinant interferon to prevent recurrent herpesvirus shedding. Smolin G, et al. **Curr Eye Res** 1984 Aug;3(8):1069-74

Interferons and viral infections [editorial] Higgins PG. **Eur J Clin Microbiol** 1984 Aug;3(4):282-4

The natural killer cell-interferon system in human carcinoma--its relation to interferon cancer treatment trials. Ching NP, et al. **Hawaii Med J** 1984 Oct; 43(10):368-72

Prospects for the medical use of interferon in 1984. Postic B, et al. **Henry Ford Hosp Med J** 1984;32(2):116-22 (69 ref.)

Interferon and hepatitis B [editorial] Robinson WS, et al. **Hepatology** 1985 Mar-Apr;5(2):336-7

Differential action of six human interferons against two human carcinomas growing in nude mice. Balkwill FR, et al. **Int J Cancer** 1985 May 15;35(5):613-7

Therapeutic effect of human fibroblast interferon on premalignant lesions arising in oral mucosa. A pilot study. Sato M, et al. **Int J Oral Surg** 1985 Apr;14(2):184-94

How does interferon inhibit tumor growth? Gresser I. **Interferon** 1985;6:93-126 (116 ref.)

Interferon: a model for future biologicals. Oldham RK. **Interferon** 1985;6:127-43 (60 ref.)

Immunomodulators as local hormones: new insights regarding their clinical utilization. Bocci V. **J Biol Response Mod** 1985 Aug;4(4):340-52

Paradoxical effects of interferon on reactivation of oral infection with herpes simplex virus after microvascular decompression for trigeminal neuralgia. Ho M, et al. **J Infect Dis** 1984 Dec;150(6):867-72

Interferon as adjuvant therapy with initial radiotherapy of patients with anaplastic gliomas. Mahaley MS Jr, et al. **J Neurosurg** 1984 Dec;61(6):1069-71

Further studies on clinical trials of interferon in Japan. Yamazaki S. **Jpn J Med Sci Biol** 1984 Oct-Dec; 37(5-6):209-23

Treatment of dysplasia of the cervical epithelium with an interferon gel [letter] Rubinstein E. **Obstet Gynecol** 1985 Jan;65(1):151-2

Interferons and the physician. Tyrrell DA. **Q J Med** 1985 Feb;54(214):117-24 (27 ref.)

Possible interferon response in a child with measles encephalitis during immunosuppression. Simpson R, et al. **Scand J Infect Dis** 1984;16(3):315-9

[Problems raised by the treatment of Kaposi's sarcoma in subjects with AIDS] Félix H, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):592-8 (Eng. Abstr.) **(Fre)**

[Oncogenes and cancer chemotherapy with interferons] **Dtsch Med Wochenschr** 1985 Apr 12;110(15):610-1 **(Ger)**

[Activity of natural killer (NK) cells and their stimulation in patients with hypernephroma] Hofmann R, et al. **Helv Chir Acta** 1984 Oct;51(3-4):411-5 (Eng. Abstr.) **(Ger)**

[Interferons--research, effects and importance] Lodemann E. **Naturwissenschaften** 1984 Nov;71(11):547-51 (Eng. Abstr.) **(Ger)**

[Hypothesis for the role of interferon in rheumatic diseases] Rosenbach T, et al. **Harefuah** 1984 Nov 1;107(9):247-8 **(Heb)**

[Influence of interferon on the toxic effect and antitumor activity of vinblastine in the combined therapy of metastatic Lewis carcinoma] Vorontsova AL, et al. **Eksp Onkol** 1984; 6(6):54-7 (Eng. Abstr.) **(Rus)**

[Use of interferon in experimental and clinical oncology based on data from foreign scientific research centers] Sil'chenko NN, et al. **Vopr Onkol** 1985;31(1):3-8 (30 ref.) **(Rus)**

[Stress situations. Hydrocortisone versus interferon (editorial)] Arias Vallejo E. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):345-6 **(Spa)**

TOXICITY

Role of reactive oxygen intermediates in the interferon-mediated depression of hepatic drug metabolism and protective effect of N-acetylcysteine in mice. Ghezzi P, et al. **Cancer Res** 1985 Aug;45(8):3444-7

INTERINSTITUTIONAL RELATIONS

The case conference revisited: a systems view. Compher JV. **Child Welfare** 1984 Sep-Oct;63(5):411-8

Intra-agency contracting: high-quality, comprehensive service delivery at lowered cost. Prochaska JM, et al. **Child Welfare** 1984 Nov-Dec;63(6):533-9

Academia-industry dialogue: a step toward mutual understanding. Becker RE. **Circulation** 1985 Aug;72(2 Pt 2):I53-6

More than a gateway: the role of the emergency psychiatry service in the community mental health network. Ellison JM, et al. **Hosp Community Psychiatry** 1985 Feb; 36(2):180-5

Government intervention in American dermatology. Parish LC, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):390-1

Guidelines for consultation with university personnel in student psychiatric emergencies. Moorman JC, et al. **J Am Coll Health** 1984 Oct;33(2):91-4

Unifying education and service. What's the point?[editorial] Kerfoot KM, et al. **J Nurs Adm** 1984 Nov;14(11):8

The interagency incident management system: an important element in successful prehospital emergency medical care. Garrison H, et al. **NC Med J** 1984 Nov;45(11):714-6

Collaborative studies program on maternal and child health in New York State, 1981-83. Barber-Madden R, et al. **Public Health Rep** 1985 Jul-Aug;100(4):432-9

[Collaboration between the research center of a pharmaceutical firm and public emergency structures for better safety of phase I and II clinical pharmacology studies (letter)] Larcan A, et al. **Therapie** 1985 Jul-Aug;40(4):263-4 **(Fre)**

[Extralaboratory control of tuberculosis microbiology laboratories with regard to the quality of diagnostic media] Janowiec M, et al. **Pneumonol Pol** 1985 Jan;53(1):57-8 **(Pol)**

[Joint activities of public education and health authorities in the fields of health care and the education of schoolchildren] Guseva IN, et al. **Pediatriia** 1985 Feb; (2):3-7 **(Rus)**

INTERIOR DESIGN AND FURNISHINGS see under **FACILITY DESIGN AND CONSTRUCTION**

INTERLEUKIN 1

see related
MACROPHAGES

Effect of inflammatory agents and interleukin 1 on iron and zinc metabolism. Klasing KC. **Am J Physiol** 1984 Nov; 247(5 Pt 2):R901-4

Partial characterisation of the high and low molecular weight forms of P388D1-derived interleukin 1. Prestidge RL, et al. **J Cell Biochem** 1984;26(2):65-73

Purification and partial sequence of human osteoclast-activating factor: identity with interleukin 1 beta. Dewhirst FE, et al. **J Immunol** 1985 Oct;135(4):2562-8

Abstracts from the Arthritis and Rheumatology Council Supported British Society for Rheumatology. International Workshop on Interleukin 1. Essex, U.K., November 24-25, 1984. **Lymphokine Res** 1985 Winter;4(1):59-85

Interleukin-1 from P388D1: effects upon neutrophils, plasma iron, and fibrinogen in rats, mice, and rabbits. Kampschmidt RF, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):197-200

ANALYSIS

Release of interleukin-1 from human synovial tissue in vitro. Wood DD, et al. **Arthritis Rheum** 1985 Aug;28(8):853-62

Amino acid sequence analysis of human interleukin 1 (IL-1). Evidence for biochemically distinct forms of IL-1. Cameron P, et al. **J Exp Med** 1985 Sep 1;162(3):790-801

An improved assay for the detection of interleukin 1. Larrick JW, et al. **J Immunol Methods** 1985 May 10;79(1):39-45

The Hodgkin's cell in nodular sclerosis does not release interleukin-1. Newcom SR. **J Lab Clin Med** 1985 Feb; 105(2):170-7

Biochemical characterization of interleukin 1 from a human monocytic cell line. Krakauer T. **J Leukocyte Biol** 1985 May;37(5):511-8

Contamination of commercial leukocyte-derived human interleukin 2 with interleukin 1. Ihrie EJ, et al. **Lymphokine Res** 1985 Winter;4(1):39-42

Identification and partial characterization of hepatocyte-stimulating factor from leukemia cell lines: comparison with interleukin 1. Woloski BM, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1443-7

Increased plasma interleukin-1 activity in women after ovulation. Cannon JG, et al. **Science** 1985 Mar 8; 227(4691):1247-9

[Molecular characteristics, biological activity and clinical use of interleukins] Tsukamoto K. **Nippon Rinsho** 1985 May; 43(5):1073-95 (82 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Characterization of a human interleukin 1 inhibitor. Liao Z, et al. **J Immunol** 1985 Jun;134(6):3882-6

Monocyte-derived inhibitor of interleukin 1 induced by human cytomegalovirus. Rodgers BC, et al. **J Virol** 1985 Sep;55(3):527-32

BIOSYNTHESIS

Immunological activities of RU-41740, a glycoproteic extract from Klebsiella pneumoniae. I.--Activation of murine B cells and induction of interleukin-1 production by macrophages. Guenounou M, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):59-69

Crystal-induced endogenous pyrogen production. A further look at gouty inflammation. Malawista SE, et al. **Arthritis Rheum** 1985 Sep;28(9):1039-46

High level human interleukin 1 production by a hepatoma cell line. Doyle MV, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):768-73

Arachidonic acid metabolites regulate interleukin-1 production. Kunkel SL, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):892-7

Effect of polyvinyl pyrrolidone derivative compound on production of interleukin-1 by monocytes. Khansari N, et al. **Biomed Pharmacother** 1984;38(6):308-11

Differential interleukin-1 elaboration by density-defined human monocyte subpopulations. Elias JA, et al. **Blood** 1985 Aug;66(2):298-301

Release of interleukin I and low-molecular-weight lymphocyte-activating factors by rat peritoneal macrophages and its enhancement by acute non-specific inflammatory processes. Bird J, et al. **Br J Exp Pathol** 1985 Jun;66(3):271-7

Monocyte and lymphocyte interaction in patients with advanced cancer. Evidence for deficient IL-1 production. Santos LB, et al. **Cancer** 1985 Oct 1;56(7):1553-8

Defective interleukin-1 production by natural killer cells of patients with cancer. Herman J, et al. **Cancer Immunol Immunother** 1985;19(2):148-53

A catabolin-like factor from porcine kidney. Monserrat AJ, et al. **Cell Biochem Funct** 1985 Jan;3(1):45-52

Erythrocyte-bound immune complexes trigger the release of interleukin-1 from human monocytes. Chou YK, et al. **Cell Immunol** 1985 Mar;91(1):308-14

Production of high levels of interleukin 1-like activity by the SPI-802 human leukemia cell line with E receptors. Komiyama A, et al. **Cell Immunol** 1984 Nov;89(1):122-31

Calcium ionophore (A23187) increases interleukin 1 (IL-1) production by human peripheral blood monocytes and interacts synergistically with IL-1 to augment concanavalin A stimulated thymocyte proliferation. Matsushima K, et al. **Cell Immunol** 1985 Jan;90(1):226-33

Enhanced interleukin 1 (IL-1) production mediated by mouse serum amyloid P component. Sarlo KT, et al. **Cell Immunol** 1985 Jul;93(2):398-405

Expression of I-region-associated antigen (Ia) and interleukin 1 by subcultured human endothelial cells. Wagner CR, et al. **Cell Immunol** 1985 Jun;93(1):91-104

Immunoregulatory circuits in the acquired immune deficiency syndrome and related complex. Production of and response to interleukins 1 and 2, NK function and its enhancement by interleukin-2 and kinetics of the autologous mixed lymphocyte reaction. Alcocer-Varela J, et al. **Clin Exp Immunol** 1985 Apr;60(1):31-8

A non-specific inhibitor produced by Candida albicans activated T cells impairs cell proliferation by inhibiting interleukin-1 production. Lombardi G, et al. **Clin Exp Immunol** 1985 May;60(2):303-10

Candida albicans polysaccharide extract (MPPS) and PPD stimulate the production of interleukin-1 and lymphocyte proliferation. Lombardi G, et al. **Clin Exp Immunol** 1984 Dec;58(3):581-6

Interleukin-1 production by mononuclear cells from patients with scleroderma. Sandborg CI, et al. **Clin Exp Immunol** 1985 May;60(2):294-302

Induction of human interleukin 1 mRNA measured by collagenase- and prostaglandin E2-stimulating activity in rheumatoid synovial cells. Dayer JM, et al. **Eur J Immunol** 1984 Oct;14(10):898-901

Human monocyte heterogeneity: interleukin 1 and prostaglandin E2 production by separate subsets. Khansari N, et al. **Eur J Immunol** 1985 Jan;15(1):48-51

Interleukin 1 activity in culture supernatant of lipopolysaccharide-stimulated monocytes from patients with chronic liver disease. Sakamoto S, et al. **Hepatogastroenterology** 1984 Dec;31(6):248-53

The role of serum in interleukin 1 production by human monocytes activated by endotoxins and their polysaccharide moieties. Cavaillon JM, et al. **Immunol Lett** 1985;10(1):35-41

Changes in the interleukin-1 and interleukin-2 generation in duodenal ulcer patients during cimetidine treatment. Markiewicz K, et al. **Immunol Lett** 1985;10(1):19-23

Influence of age on the production and regulation of interleukin-1 in mice. Inamizu T, et al. **Immunology** 1985 Jul;55(3):447-55

Comparison of interleukin 1 production by adherent cells and tissue pieces from human placenta. Flynn A, et al. **Immunopharmacology** 1985 Feb;9(1):19-26

Dissociation between interleukin-1 and interleukin-2 production in proliferative response to microbial antigens: restorative effect of exogenous interleukin-2. Vismara D, et al. **Infect Immun** 1985 Aug;49(2):298-304

Effect of isoprinosine on interleukin 1 and 2 production and on suppressor cell activity in pokeweed mitogen stimulated cultures of B and T cells. Hersey P, et al. **Int J Immunopharmacol** 1984;6(4):321-8

Augmentation of interleukin 1 and interleukin 2 production by OK-432. Ichimura O, et al. **Int J Immunopharmacol** 1985;7(2):263-70

Cyclosporine therapy of rat heart allograft recipients and release of interleukins (IL 1, IL 2, IL 3): a role for IL 3 in graft tolerance? Abbud-Filho M, et al. **J Immunol** 1984 Nov;133(5):2582-6

Strain dependence of muramyl dipeptide-induced LAF(IL 1) release by murine-adherent peritoneal cells. Abehsira-Amar O, et al. **J Immunol** 1985 Jan;134(1):365-8

Interleukin 1 production by the human monocyte cell line U937 requires a lymphokine induction signal distinct from interleukin 2 or interferons. Amento EP, et al. **J Immunol** 1985 Jan;134(1):350-7

Effects of immune complexes on production by human monocytes of interleukin 1 or an interleukin 1 inhibitor. Arend WP, et al. **J Immunol** 1985 Jun;134(6):3868-75

Interferons as macrophage-activating factors. III. Preferential effects of interferon-gamma on the interleukin 1 secretory potential of fresh or aged human monocytes. Arenzana-Seisdedos F, et al. **J Immunol** 1985 Apr;134(4):2444-8

Suppression of Ag-induced release of EP (IL 1) by spleen cells of specifically desensitized donors: evidence for the role of a suppressor cell. Atkins E, et al. **J Immunol** 1985 Apr;134(4):2436-43

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al. **J Immunol** 1985 May;134(5):3089-93

Studies on the synthesis and secretion of interleukin 1. I. A 33,000 molecular weight precursor for interleukin 1. Giri JG, et al. **J Immunol** 1985 Jan;134(1):343-9

Lyme disease spirochetes induce human and murine interleukin 1 production. Habicht GS, et al. **J Immunol** 1985 May;134(5):3147-54

Human epidermal cells and squamous carcinoma cells synthesize a cytokine that augments natural killer cell activity. Luger TA, et al. **J Immunol** 1985 Apr;134(4):2477-83

Production of interleukin 1 activity by normal human peripheral blood B lymphocytes. Matsushima K, et al. **J Immunol** 1985 Aug;135(2):1132-6

Parasite-monocyte interactions in human leishmaniasis: production of interleukin-1 in vitro. Crawford GD, et al. **J Infect Dis** 1985 Aug;152(2):315-22

Induction of human interleukin-1 by toxic-shock-syndrome toxin-1. Parsonnet J, et al. **J Infect Dis** 1985 Mar;151(3):514-22

Regulation of interleukin 1 production by alpha and beta interferons: evidence for both direct and indirect enhancement. Candler RV, et al. **J Interferon Res** 1985 Winter;5(1):179-89

Colchicine in acute inflammation: stimulation of production of interleukin-1 and modulation of the acute phase serum amyloid A protein response. Brandwein SR, et al. **J Rheumatol** 1984 Oct;11(5):597-601

Effect of radiation on the production of interleukins and T-lymphocyte activities. Manori I, et al. **JNCI** 1985 Jun;74(6):1215-21

Interleukin generation in experimental colon cancer of rats: effects of tumor growth and tumor therapy. Ravikumar T, et al. **JNCI** 1985 Apr;74(4):893-8

Interleukin-1 production by a cloned line of human monocyte-like cells (CM-SM). Correlation with state of differentiation. Revoltella RP, et al. **Scand J Immunol** 1985 Jan;21(1):11-20

The induction of interleukin-1 in humans and its metabolic effects. Watters JM, et al. **Surgery** 1985 Aug;98(2):298-306

Cellular interactions in marrow-grafted patients. III. Normal interleukin 1 and defective interleukin 2 production in short-term patients and in those with chronic graft-versus-host disease. Brkic S, et al. **Transplantation** 1985 Jan;39(1):30-5

Interleukin-1 and interleukin-2 defects associated with murine graft-versus-host-induced immunodeficiency. Mendes ML, et al. **Transplantation** 1985 Apr;39(4):418-24

Interleukin 1- and 2-like activities in the dog. Cerruti-Sola S, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3-4):261-71

Chemical characterization of an interleukin-1-inducing substance derived from human mixed leukocyte reactions: IL-1-inducing substance is not gamma interferon. Dinarello CA, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):101-13

BLOOD

Human endothelial cell cultures: phenotypic modulation by leukocyte interleukins. Montesano R, et al. **J Cell Physiol** 1985 Mar;122(3):424-34

CLASSIFICATION

The four biochemically distinct species of human interleukin 1 all exhibit similar biologic activities. Wood DD, et al. **J Immunol** 1985 Feb;134(2):895-903

GENETICS

Cytokine production by NZB, C58, and NZB X C58 recombinant inbred mice. Bocchieri MH, et al. **Cell Immunol** 1984 Oct 15;88(2):453-63

Cloning and expression of murine interleukin-1 cDNA in Escherichia coli. Lomedico PT, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):458-62

Cloning, sequence and expression of two distinct human interleukin-1 complementary DNAs. March CJ, et al. **Nature** 1985 Jun 20-26;315(6021):641-7

Cloning and characterization of the cDNAs for human and rabbit interleukin-1 precursor. Furutani Y, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5869-82

Nucleotide sequence of human monocyte interleukin 1 precursor cDNA. Auron PE, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7907-11

Interleukin-1 genes are cloned [news] Marx JL. **Science** 1985 May 31;228(4703):1076-7

IMMUNOLOGY

A standardized human T-lymphocyte proliferation assay for detecting soluble accessory factors from monocytes. II. Interleukin-1 production and detection. Remvig L, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr;93(2):91-6

Modulation of virus-specific immunity in vitro by the addition of interleukin-1 and interleukin-2 in patients with the acquired immune deficiency syndrome. Sheridan JF, et al. **Ann NY Acad Sci** 1984;437:530-4

Rat and human polymorphonuclear leukocyte derived lymphocyte stimulatory factors. Sheng YJ, et al. **Biomed Pharmacother** 1984;38(6):304-8

Spontaneous production of, and defective response to, interleukin-1 by peripheral blood mononuclear cells from patients with scleroderma. Alcocer-Varela J, et al. **Clin Exp Immunol** 1985 Mar;59(3):666-72

Autologous mixed lymphocyte reaction in man. XIV. Deficiency of the autologous mixed lymphocyte reaction in acquired immune deficiency syndrome (AIDS) and AIDS related complex (ARC). In vitro effect of purified interleukin-1 and interleukin-2. Gupta S, et al. **Clin Exp Immunol** 1984 Nov;58(2):395-401

Characteristics of chondrocyte responses to a human interleukin 1-like factor. Arend WP, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):358-70

Role of Ia antigens and interleukin 1 in T-cell proliferation to phytohemagglutinin. Chu E, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):70-80

Specificity of antigen induced helper factor for antibody synthesis in vitro and its relation to lymphocytes interaction. Khansari N, et al. **Immunol Commun** 1984;13(4):351-60

The relationship between secreted and cell surface antigen-binding molecules synthesized by T cells. I. Function-related isotypic determinants on T cells defined by antisera to antigen-specific helper and suppressor factors. Culbert EJ, et al. **Immunology** 1984 Nov;53(3):481-90

Two-chain disulphide-bonded structure of antigen-specific T-helper factor: both chains are necessary for activity and their interaction is I-A restricted. Little JA, et al. **Immunology** 1985 Aug;55(4):713-9

Detection and characterization of high affinity plasma membrane receptors for human interleukin 1. Dower SK, et al. **J Exp Med** 1985 Aug 1;162(2):501-15

Requirements for T cell activation by OKT3 monoclonal antibody: role of modulation of T3 molecules and interleukin 1. Schwab R, et al. **J Immunol** 1985 Sep;135(3):1714-8

Biologic properties of epidermal cell thymocyte-activating factor (ETAF). Sauder DN. **J Invest Dermatol** 1985 Jul;85(1 Suppl):176s-179s

Fever, interleukin-1 and host defense against malignancy. Dinarello CA, et al. **Lymphokine Res** 1982;1(3):59-67

A role for T cell helper factors in antibody responses to 'T-independent' antigens. Endres RO, et al. **Lymphokine Res** 1982;1(4):99-106

Glucocorticosteroid response modifying factors. Fairchild SS, et al. **Lymphokine Res** 1982;1(4):113-20

Induction of receptors for interleukin 2 requires T cell Ag:Ia receptor crosslinking and interleukin 1. Kaye J, et al. **Lymphokine Res** 1984 Summer;3(4):175-82

[Biological functions of interleukins] Zhao WS. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):45-51 (72 ref.) **(Chi)**

ISOLATION & PURIFICATION

Purification of human interleukin 1 from human monocyte culture supernatants and identity of thymocyte comitogenic factor, fibroblast-proliferation factor, acute-phase protein-inducing factor, and endogenous pyrogen. Matsushima K, et al. **Cell Immunol** 1985 May;92(2):290-301

Partial purification of a factor from human synovium that possesses interleukin 1, chondrocyte stimulating and catabolin-like activities. Elford PR, et al. **FEBS Lett** 1985 Jan 7;179(2):247-51

Thymocyte activating factors from SV40-transformed human embryo fibroblasts. Okai Y, et al. **Immunol Lett** 1985;9(2-3):153-9

Purification of human interleukin 1 by high-performance liquid chromatography. Köck A, et al. **J Chromatogr** 1984 Jul 27;296:293-300

Human interleukin 1. Purification to homogeneity. Kronheim SR, et al. **J Exp Med** 1985 Mar 1;161(3):490-502

Biochemical heterogeneity of human interleukin-1. Ihrie EJ, et al. **Lymphokine Res** 1985 Summer;4(3):169-81

Purification to homogeneity of biologically active human interleukin 1. Krakauer T. **Prep Biochem** 1984-85;14(5):449-70

Identification of a membrane-associated interleukin 1 in macrophages. Kurt-Jones EA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1204-8

The purification and biological properties of human interleukin 1. Lachman LB. **Symp Fundam Cancer Res** 1984;37:171-83

METABOLISM

In vivo initiation of unstimulated in vitro interleukin-1 release by alveolar macrophages. Lamontagne L, et al. **Am Rev Respir Dis** 1985 Mar;131(3):326-30

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. III. Evidence for the role of a monokine similar to but not identical with interleukin-1. Keller GA, et al. **Ann Surg** 1985 Apr;201(4):436-43

Generation of an interleukin-I-like lymphocyte-stimulating factor at inflammatory sites: correlation with the infiltration of polymorphonuclear leucocytes. Goto K, et al. **Br J Exp Pathol** 1984 Oct;65(5):521-32

B-cell-derived interleukin-1 (IL-1)-like factor. II. Sources, effects, and biochemical properties. Matsushima K, et al. **Cell Immunol** 1985 Sep;94(2):418-26

B-cell-derived interleukin 1 (IL-1)-like factor. I. Relationship of production of IL-1-like factor to accessory cell function of Epstein-Barr virus-transformed human B-lymphoblast lines. Matsushima K, et al. **Cell Immunol** 1985 Sep;94(2):406-17

Effects of anti-inflammatory drugs on catabolin-induced cartilage destruction in vitro. Rainsford KD. **Int J Tissue React** 1985;7(2):123-6

Normal human alveolar macrophages obtained by bronchoalveolar lavage have a limited capacity to release interleukin-1. Wewers MD, et al. **J Clin Invest** 1984 Dec;74(6):2208-18

Conditions required for expression of membrane IL 1 on B cells. Kurt-Jones EA, et al. **J Immunol** 1985 Sep;135(3):1548-50

Reduction of serum Interleukin-1-like activity after treatment with dexamethasone. Staruch MJ, et al. **J Leukocyte Biol** 1985 Feb;37(2):193-207

Pathogenesis of sclerosing peritonitis in CAPD. Shaldon S, et al. **Trans Am Soc Artif Intern Organs** 1984;30:193-4

PHARMACODYNAMICS

Preliminary investigations on the pharmacological control of catabolin-induced cartilage destruction in vitro. Rainsford KD. **Agents Actions** 1985 Mar;16(1-2):55-7

Porcine catabolin stimulates prostaglandin E2 secretion but does not affect intracellular cyclic AMP production in pig synovial fibroblasts. Carroll GJ. **Ann Rheum Dis** 1985 Sep;44(9):631-6

Differential effects of human interleukin-1 on growth of human fibroblasts and vascular smooth muscle cells. Libby P, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):186-91

Properties of interleukin-1 as a complete secretagogue for human neutrophils. Smith RJ, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1233-40

Restoration and stimulation of the in vitro immune response of B cells to sheep erythrocytes by interleukins and muramyl dipeptide (MDP). Souvannavong V, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):431-9

Pig catabolin is a form of interleukin 1. Cartilage and bone resorb, fibroblasts make prostaglandin and collagenase, and thymocyte proliferation is augmented in response to one protein. Saklatvala J, et al. **Biochem J** 1984 Dec 1;224(2):461-6

Articular cartilage cultured with catabolin (pig interleukin 1) synthesizes a decreased number of normal proteoglycan molecules. Tyler JA. **Biochem J** 1985 May 1;227(3):869-78

Pig interleukin 1 (catabolin) is a potent stimulator of bone resorption in vitro. Heath JK, et al. **Calcif Tissue Int** 1985 Jan;37(1):95-7

Role of the L3T4 antigen in T-cell activation. I. Description of a monoclonal IgM antibody to a distinct epitope (L3T4b) of the L3T4 antigen and its effect on interleukin 1-induced thymocyte proliferation. Lögdberg L, et al. **Cell Immunol** 1985 Sep;94(2):299-311

Thymic hormones in radiation-induced immunodeficiency. I. Induction of mature interleukin 1 responsive cell in the thymus by thymosin fraction 5. Neta R, et al. **Cell Immunol** 1985 Sep;94(2):480-90

Both cloned interleukin 2 and purified interleukin 1 are required for optimal growth of purified L3T4+ and Lyt 2+ lymphocytes initiated by concanavalin A. Palacios R, et al. **Cell Immunol** 1985 Sep;94(2):369-82

Modulation of connective tissue metabolism by partially purified human interleukin 1. Richardson HJ, et al. **Cell Immunol** 1985 Jan;90(1):41-51

Activation of an interleukin-1-responsive T-cell lymphoma by fixed P388D1 macrophages and an antibody against the Ag:MHC T-cell receptor. Zlotnik A, et al. **Cell Immunol** 1985 Sep;94(2):447-53

Modulation of the sodium periodate (NaIO4) response in systemic lupus erythematosus (SLE): effect of interleukin-1 (IL-1), interleukin-2 (IL-2), phorbol myristate acetate

(PMA), and indomethacin. Phillips R, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):77-83

Interleukin-1 derived from astrocytes enhances slow wave activity in sleep EEG of the rat. Tobler I, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):191-2

Biosynthesis of tissue inhibitor of metalloproteinases by human fibroblasts in culture. Stimulation by 12-O-tetradecanoylphorbol 13-acetate and interleukin 1 in parallel with collagenase. Murphy G, et al. **J Biol Chem** 1985 Mar 10;260(5):3079-83

Pretranslational modulation of acute phase hepatic protein synthesis by murine recombinant interleukin 1 (IL-1) and purified human IL-1. Ramadori G, et al. **J Exp Med** 1985 Sep 1;162(3):930-42

Prostacyclin synthesis induced in vascular cells by interleukin-1. Rossi V, et al. **Science** 1985 Jul 12; 229(4709):174-6

PHYSIOLOGY

Influence of neural pathways on the pyrexial response to surgical trauma. Kirkeby OJ, et al. **Acta Chir Scand** 1985; 151(1):7-9

Strain variation of bacillus Calmette-Guerin-induced pulmonary granuloma formation is correlated with anergy and the local production of migration inhibition factor and interleukin 1. Kobayashi K, et al. **Am J Pathol** 1985 May; 119(2):223-35

Structural analysis of the charge heterogeneity of human interleukin 1. Krakauer T. **Arch Biochem Biophys** 1984 Nov 1;234(2):371-6

Transcriptional modulation of human T-cell growth factor gene by phorbol ester and interleukin 1. Arya SK, et al. **Biochemistry** 1984 Dec 18;23(26):6685-90

Interleukin 1-like factors can accumulate 5-hydroxytryptamine in the liver of mice and can induce hypoglycaemia. Endo Y, et al. **Biochim Biophys Acta** 1985 May 29;840(1):37-42

Induction of ornithine decarboxylase in the liver and spleen of mice by interleukin 1-like factors produced from a macrophage cell line. Endo Y, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):343-50

Interleukin 1 and cartilage damage: a possible role in Lyme arthritis? [letter] Fumarola D. **Cell Immunol** 1985 Sep; 94(2):619-20

Human interleukin 1 mediates cartilage matrix degradation. Krakauer T, et al. **Cell Immunol** 1985 Mar;91(1):92-9

Effects of interleukin-1 (IL-1) and interleukin-2 (IL-2) on the in vivo growth and differentiation of progenitors of natural killer (NK) cells. Riccardi C, et al. **Chemioterapia** 1984 Dec;3(6):350-3

Role of interleukin-1 in human B-cell activation. Lipsky PE. **Contemp Top Mol Immunol** 1985;10:195-217

Regulation of thymocyte proliferative response by macrophage-derived prostaglandin E2 and interleukin 1. Hayari Y, et al. **Eur J Immunol** 1985 Jan;15(1):43-7

Interleukin-1 restores the impaired cytotoxic T lymphocyte generation in beige mutant mouse. Okuno K, et al. **Gann** 1984 Sep;75(9):824-32

Thymus-derived macrophages in long-term culture: release of IL-1, stimulation of MLR and expression of tumoricidal activity. Gallily R, et al. **Immunology** 1985 May; 55(1):165-72

Dissimilarities between purified human interleukin-1 and recombinant human interleukin-2 in the induction of fever, brain prostaglandin, and acute-phase protein synthesis. Mier JW, et al. **J Biol Response Mod** 1985 Feb;4(1):35-45

Stimulation of the proliferation of human bone cells in vitro by human monocyte products with interleukin-1 activity. Gowen M, et al. **J Clin Invest** 1985 Apr;75(4):1223-9

Exaggerated human vascular cell prostaglandin biosynthesis mediated by monocytes: role of monokines and interleukin 1. Albrightson CR, et al. **J Immunol** 1985 Sep;135(3):1872-7

Human B lymphoblastoid cell lines provide an interleukin 1-like signal for mitogen-treated T lymphocytes via direct cell contact. Arnold A, et al. **J Immunol** 1985 Jun; 134(6):3876-81

Antigen presentation by EBV-B cells to resting and activated T cells: role of interleukin 1. Chu ET, et al. **J Immunol** 1985 Mar;134(3):1676-81

The role of arachidonic acid metabolism in the activities of interleukin 1 and 2. Farrar WL, et al. **J Immunol** 1985 Aug; 135(2):1153-9

Presentation of antigen by B cells: functional dependence on radiation dose, interleukins, cellular activation, and differential glycosylation. Frohman M, et al. **J Immunol** 1985 Apr;134(4):2269-75

The role of interleukin 1 (IL 1) in tumor-NK cell interactions: correction of defective NK cell activity in cancer patients by treating target cells with IL 1. Herman J, et al. **J Immunol** 1985 Oct;135(4):2882-6

IL 1 requirement for B cell activation revealed by use of adult serum. Hoffmann MK, et al. **J Immunol** 1984 Nov; 133(5):2566-8

Interleukin 1 (IL 1)-dependent lymphokine production by human leukemic T cell line HSB.2 subclones. Kasahara T, et al. **J Immunol** 1985 Mar;134(3):1682-9

Role of interleukin 1 in experimental pulmonary granuloma in mice. Kobayashi K, et al. **J Immunol** 1985 Jan; 134(1):358-64

Induction of interleukin 2 responsiveness in thymocytes by synergistic action of interleukin 1 and interleukin 2. Männel DN, et al. **J Immunol** 1985 May;134(5):3108-10

Interleukin 1 increases collagen type IV production by murine mammary epithelial cells. Matsushima K, et al. **J Immunol** 1985 Feb;134(2):904-9

Role of interleukin 1 in promoting human monocyte-mediated tumor cytotoxicity. Onozaki K, et al. **J Immunol** 1985 Jul;135(1):314-20

Sodium periodate-induced T cell mitogenesis: an analysis of the requirement for Ia and IL 1. Smith LA, et al. **J Immunol** 1985 Aug;135(2):1137-44

The events of primary T cell activation can be staged by use of Sepharose-bound anti-T3 (64.1) monoclonal antibody and purified interleukin 1. Williams JM, et al. **J Immunol** 1985 Oct;135(4):2249-55

Program and abstracts for a symposium on the physiologic, metabolic, and immunologic actions of interleukin-1. Ann Arbor, June 4-6, 1985. **J Leukocyte Biol** 1985 Jun; 37(6):683-761

The numerous postulated biological manifestations of interleukin-1. Kampschmidt RF. **J Leukocyte Biol** 1984 Sep;36(3):341-55 (170 ref.)

Interleukin 1 secretion by human monocytes and macrophages. Mayernik DG, et al. **J Leukocyte Biol** 1984 Oct;36(4):551-7

Is catabolin a major factor in the destruction of rheumatoid cartilage? [letter] Cooke TD. **J Orthop Res** 1984;2(4):432-3

The relative roles of interleukins 1, 2, and 3 in the regulation of T cell differentiation. Ihle JN, et al. **KROC Found Ser** 1984;18:399-421 (89 ref.)

Interleukin-1 in defence of the host [editorial] **Lancet** 1985 Sep 7;2(8454):536-7

Glucocorticoid independent mediation of interleukin-1 induced changes in serum zinc and liver metallothionein levels. DiSilvestro RA, et al. **Life Sci** 1984 Nov 19; 35(21):2113-8

Abstracts from Fourth International Lymphokine Workshop. Molecular and cellular biology of lymphokines. October 17-21, 1984. **Lymphokine Res** 1984 Summer;3(4):229-85

Intracellular human IL-1: a precursor for the secreted monokine. Sahasrabuddhe CG, et al. **Lymphokine Res** 1985 Summer;4(3):205-13

Interleukin-1 and the pathogenesis of the acute-phase response [letter] **N Engl J Med** 1985 Apr 18;312(16):1061-2

Interleukin-1 and the pathogenesis of the acute-phase response. Dinarello CA. **N Engl J Med** 1984 Nov 29; 311(22):1413-8 (44 ref.)

Immune diseases. Many roles for interleukin-1. Duff G. **Nature** 1985 Jan 31-Feb 6;313(6001):352-3

Homogeneous interferon-inducing 22K factor is related to endogenous pyrogen and interleukin-1. Van Damme J, et al. **Nature** 1985 Mar 21-27;314(6008):266-8

Xenogeneic antiserum to soluble products from activated lymphoid cells inhibits interleukin 1-mediated functions in the helper pathway of cytolytic-effector-cell differentiation. McMannis JD, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1513-7

Rate of clearance of interleukin-1 from the blood of normal and nephrectomized rats. Kampschmidt RF, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):170-3

Ca2+, interleukin-1 and failure to maintain normal length stimulate protein degradation in isolated skeletal muscle. Baracos VE, et al. **Prog Clin Biol Res** 1985;180:603-5

Interleukin-1-like activities in synovial fluids of patients with rheumatoid arthritis and traumatic synovitis. Bendtzen K, et al. **Rheumatol Int** 1985;5(2):79-82

Interleukin-1 stimulation of astroglial proliferation after brain injury. Giulian D, et al. **Science** 1985 Apr 26; 228(4698):497-9

Defective antigen presentation to a cloned T helper cell by macrophages from burned mice can be restored with interleukin-1. Kupper TS, et al. **Surgery** 1985 Aug; 98(2):199-206

Interleukins and inhibitors in human lymphocyte regulation. Nowell PC, et al. **Symp Fundam Cancer Res** 1984; 37:199-212

Mediators released by human lung cells are potent growth factors for human lung fibroblasts. Hunninghake GW, et al. **Trans Assoc Am Physicians** 1984;97:41-8

The effects of interleukin-1, interleukin-2, alpha-interferon, and gamma-interferon on human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1984;97:182-9

The search for an endogenous activator. Gekowski KM, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):153-63

The effects of variations in pH and temperature on the activation of mouse thymocytes by both forms of rabbit interleukin-1. Murphy PA, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):115-23

[Interleukins as modulators of the immune system] Röllinghoff M. **Ric Clin Lab** 1984;14 Suppl 2:15-20 (19 ref.) **(Ita)**

[Interleukins and their clinical significance] Miyasaka N. **Ryumachi** 1985 Apr;25(2):134-41 (50 ref.) **(Jpn)**

SECRETION

Mouse macrophage hybridomas secreting a cytotoxic factor and interleukin 1. Takeda Y, et al. **Cell Immunol** 1985 Feb; 90(2):493-502

Induction of interleukin 1 secretion by murine macrophages and human monocytes after stimulation by RU 41740, a bacterial immunomodulator. Guenounou M, et al. **Int J Immunopharmacol** 1985;7(2):287-90

URINE

Biochemical characterization and separation of low molecular weight urinary thymocyte and fibroblast proliferative activities. Kimball ES, et al. **Lymphokine Res** 1985 Summer;4(3):183-94

INTERLEUKIN 2 see **MITOGENIC FACTORS, LYMPHOCYTE**

INTERMEDIATE CARE FACILITIES see under **NURSING HOMES**

INTERMEDIATE FILAMENT PROTEINS

The relationship of bovine intermediate filament proteins. A comparative analysis of glial fibrillary acidic protein, desmin and the neurofilament 70 kDa protein. Gardner EE, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):141-7

The molecular biology of intermediate filaments. Steinert PM, et al. **Cell** 1985 Sep;42(2):411-20 (86 ref.)

Comparative studies of the neurofilament triplet protein peptide mapping by chemical cleavage. Richard C, et al. **Comp Biochem Physiol [B]** 1985;80(4):707-12

Hybrid character of a large neurofilament protein (NF-M): intermediate filament type sequence followed by a long and acidic carboxy-terminal extension. Geisler N, et al. **EMBO J** 1984 Nov;3(11):2701-6

The complete amino acid sequence of the major mammalian neurofilament protein (NF-L). Geisler N, et al. **FEBS Lett** 1985 Mar 25;182(2):475-8

Brain micro glutamic acid-rich protein is the C-terminal endpiece of the neurofilament 68-kDa protein as determined by the primary sequence. Isobe T, et al. **FEBS Lett** 1985 Mar 25;182(2):389-92

Calcium-activated neutral protease in the peripheral nerve, which requires microM order Ca2+, and its effect on the neurofilament triplet. Kamakura K, et al. **J Neurosci Res** 1985;13(3):391-403

ANALYSIS

New immunocytochemical observations with diagnostic significance in cutaneous neuroendocrine carcinoma. Hoefler H, et al. **Am J Dermatopathol** 1984 Dec;6(6):525-30

Immunohistochemical detection of filaggrin in preneoplastic and neoplastic lesions of the human oral mucosa. Itoiz ME, et al. **Am J Pathol** 1985 Jun;119(3):456-61

Immunofluorescence microscopic evaluation of the intermediate filament expression of the adrenal cortex and medulla and their tumors. Miettinen M, et al. **Am J Pathol** 1985 Mar;118(3):360-6

Antibodies to intermediate filament proteins. The differential diagnosis of cutaneous tumors. Miettinen M, et al. **Arch Dermatol** 1985 Jun;121(6):736-41

Immunohistochemical demonstration of the nerves in human dental pulp with antisera against neurofilament protein and glia-specific S-100 protein. Maeda T, et al. **Arch Histol Jpn** 1985 Feb;48(1):123-9

Cytoskeletal proteins in oncocytic tumors of the parotid gland. Gustafsson H, et al. **Arch Otolaryngol** 1985 Feb; 111(2):99-105

Differential expression of intermediate filament proteins in two rat ascites hepatoma lines of common origin. Kinjo M, et al. **Carcinogenesis** 1984 Oct;5(10):1249-55

Intermediate filament and associated proteins in the human heart: an immunofluorescence study of normal and pathological hearts. Thornell LE, et al. **Eur Heart J** 1984 Dec;5 Suppl F:231-41

Distribution of epinemin in colloidal gold-labelled, quick-frozen, deep-etched cytoskeletons. Lawson D. **J Cell Biol** 1984 Oct;99(4 Pt 1):1451-60

Intermediate-sized filaments in Drosophila tissue culture cells. Walter MF, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1468-77

A study of intermediate filaments (cytokeratin, vimentin, neurofilament) in two cases of Merkel cell tumor. Dreno B, et al. **J Cutan Pathol** 1985 Feb;12(1):37-45

Presence of an alpha-melanocyte-stimulating hormone-like epitope in the 150,000 dalton neurofilament subunit from diverse regions of the central nervous system: an immunohistochemical and immunoblot study in guinea pig. Trojanowski JQ, et al. **J Histochem Cytochem** 1985 Sep; 33(9):900-4

Survey of intermediate filament proteins in optic nerve and spinal cord: evidence for differential expression. Quitschke W, et al. **J Neurochem** 1985 May;44(5):1465-76

A subset of Schwann cells in peripheral nerves contain a 50-kDa protein antigenically related to astrocyte intermediate filaments. Fields KL, et al. **J Neuroimmunol** 1985 Jun;8(4-6):311-30

Efficient detection of intermediate filament proteins using a panspecific monoclonal antibody: anti-IFA. Pruss RM. **J Neuroimmunol** 1985 Jun;8(4-6):293-9

Identification of basement membrane components and intermediate filaments in calcifying epithelial odontogenic tumors. Sauk JJ, et al. **J Oral Pathol** 1985 Feb;14(2):133-40

Differential expression of intermediate filament proteins distinguishes classic from variant small-cell lung cancer cell lines. Broers JL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4409-13

Neuron-specific enolase and neurofilament protein as markers of differentiation in medulloblastoma. Velasco ME, et al. **Surg Neurol** 1985 Feb;23(2):177-82

Osteosarcomas and Ewing's sarcomas. Comparative immunocytochemical investigation of filamentous proteins and cell membrane determinants. Löning T, et al. **Virchows Arch [A]** 1985;407(3):323-36

Distribution of neurofilament protein and neuron-specific enolase in peripheral neuronal tumours. Sasaki A, et al. **Virchows Arch [A]** 1985;407(1):33-41

[The cells with a transient adrenergic phenotype in the embryonic intestines of rodents are neuronal in nature] Cochard P. **C R Acad Sci [III]** 1984;299(7):209-14 (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

Filaggrin, the matrix protein of keratin. Dale BA. **Am J Dermatopathol** 1985 Feb;7(1):65-8

Cytokeratin filament expression during in vitro teratocarcinoma cell differentiation as detected by a monoclonal antibody. Ramaekers F, et al. **Cell Biol Int Rep** 1984 Sep;8(9):721-30

Ichthyosis vulgaris: identification of a defect in synthesis of filaggrin correlated with an absence of keratohyaline granules. Sybert VP, et al. **J Invest Dermatol** 1985 Mar; 84(3):191-4

GENETICS

Cloning of a cDNA encoding the smallest neurofilament protein from the rat. Julien JP, et al. **Biochim Biophys Acta** 1985 Aug 21;825(4):398-404

Genetics, evolution, and expression of the 68,000-mol-wt neurofilament protein: isolation of a cloned cDNA probe. Lewis SA, et al. **J Cell Biol** 1985 Mar;100(3):843-50

Identification of two intermediates during processing of profilaggrin to filaggrin in neonatal mouse epidermis. Resing KA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1372-8

Structure of the mouse glial fibrillary acidic protein gene: implications for the evolution of the intermediate filament multigene family. Balcarek JM, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5527-43

The sequence of a type II keratin gene expressed in human skin: conservation of structure among all intermediate filament genes. Tyner AL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4683-7

IMMUNOLOGY

Monoclonal antibodies to human intermediate filament proteins. III. Analysis of tumors. Gown AM, et al. **Am J Clin Pathol** 1985 Oct;84(4):413-24 (41 ref.)

Use of intermediate filament antibodies in the differential diagnosis of gynecological neoplasia. Ramaekers FC, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):347-53

Monoclonal antibodies to epitopes on different regions of the 200 000 dalton neurofilament protein. Probes for the geometry of the filament. Liem RK, et al. **Exp Cell Res** 1985 Feb;156(2):419-28

Monoclonal antibodies to intermediate filaments in chick muscle cell cultures. Morris GE, et al. **Exp Cell Res** 1985 May;158(1):177-91

alpha-MSH and neurofilament M-protein share a continuous epitope but not extended sequences. An explanation for neurofibrillary staining with alpha-MSH antibodies. Shaw G, et al. **FEBS Lett** 1985 Feb 25;181(2):343-6

The use of antibodies to intermediate filament proteins in the differential diagnosis of lymphoma versus metastatic carcinoma. Ramaekers FC, et al. **Histochem J** 1985 Jan; 17(1):57-70

Immunohistochemical studies of selected skin diseases and tumors using monoclonal antibodies to neurofilament and myelin proteins. Aso M, et al. **J Am Acad Dermatol** 1985 Jul;13(1):37-42

Domain structure of neurofilament subunits as revealed by monoclonal antibodies. Angeletti RH, et al. **J Cell Biochem** 1985;27(2):181-7

Monoclonal antibody to intermediate filament antigen cross-reacts with higher plant cells. Dawson PJ, et al. **J Cell Biol** 1985 May;100(5):1793-8

Cross-reactivity between solid-phase immunoassay plates and intermediate filaments demonstrated by human monoclonal antibodies. Haskard DO, et al. **J Immunol Methods** 1985 Mar 18;77(2):291-5

The detection of smooth muscle antibodies reacting with intermediate filaments of desmin type. Kurki P, et al. **J Immunol Methods** 1985 Feb 11;76(2):329-35

Immunologic properties of enzymatically degraded human keratin intermediate filaments. Hintner H, et al. **J Invest Dermatol** 1985 Feb;84(2):108-13

Immunoelectron microscopic identification of upper cytoplasmic antigens on keratin intermediate filaments [letter] Thivolet J. **J Invest Dermatol** 1985 Jun;84(6):542-3

Monoclonal antibody to intermediate filament proteins in astrocytes. Pixley SK, et al. **J Neurosci Res** 1984; 12(4):525-41

Expression of neurofilament antigens by normal and neoplastic human adrenal chromaffin cells. Trojanowski JQ, et al. **N Engl J Med** 1985 Jul 11;313(2):101-4

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from chimpanzees with kuru or Creutzfeldt-Jakob disease; a 62-kDa neurofilament-associated protein reacts with sera from sheep with natural scrapie. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3894-6

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from patients with kuru, Creutzfeldt-Jakob disease, and other neurologic diseases. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3485-9

Circulating autoantibodies to the 200,000-dalton protein of neurofilaments in the serum of healthy individuals. Stefansson K, et al. **Science** 1985 May 31;228(4703):1117-9

[Immunomorphological study of 1,2-dimethylhydrazine-induced carcinomas of the large intestine in rats using monoclonal antibodies to intermediate filament proteins] Krutovskikh VA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):240-1 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Complete separation of the triplet components of neurofilament by DE-52 column chromatography depends upon urea concentration. Tokutake S. **Anal Biochem** 1984 Jul;140(1):203-7

Peripherin, a new member of the intermediate filament protein family. Portier MM, et al. **Dev Neurosci** 1983-84; 6(6):335-44

Characterization of mammalian neurofilament triplet proteins. Subunit stoichiometry and morphology of native and reconstituted filaments. Scott D, et al. **J Biol Chem** 1985 Sep 5;260(19):10736-47

Purification of the 300K intermediate filament-associated protein and its in vitro recombination with intermediate filaments. Lieska N, et al. **J Cell Biol** 1985 Sep; 101(3):802-13

A 300,000-mol-wt intermediate filament-associated protein in baby hamster kidney (BHK-21) cells. Yang HY, et al. **J Cell Biol** 1985 Feb;100(2):620-31

METABOLISM

Intermediate filament proteins in human testis and testicular germ-cell tumors. Miettinen M, et al. **Am J Pathol** 1985 Sep;120(3):402-10

Filaggrin distribution in keratoacanthomas and squamous cell carcinoma. Klein-Szanto AJ, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):888-90

Phosphorylation of neurofilament proteins by endogenous calcium/calmodulin-dependent protein kinase. Vallano ML, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):957-63

Characterization of calcium-activated neutral protease (CANP)-associated protein kinase from bovine brain and its phosphorylation of neurofilaments. Zimmerman UJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):804-11

Mitotic neuroblasts in dissociated cell cultures from embryonic rat cerebral hemispheres express neurofilament protein. Asou H, et al. **Brain Res** 1985 Apr 22;332(2):355-7

Expression of neurofilament and neuron-specific enolase in small cell tumors of skin using immunohistochemistry. Leff EL, et al. **Cancer** 1985 Aug 1;56(3):625-31

Transient expression of a neurofilament protein by replicating neuroepithelial cells of the embryonic chick brain. Bennett GS, et al. **Dev Biol** 1985 Jan;107(1):107-27

Expression of a neurofilament protein by the precursors of a subpopulation of ventral spinal cord neurons. Bennett GS, et al. **Dev Biol** 1985 Jan;107(1):94-106

Identification of plectin in different human cell types and immunolocalization at epithelial basal cell surface membranes. Wiche G, et al. **Exp Cell Res** 1984 Nov; 155(1):43-9

Intermediates in the conversion of prekeratin into keratin molecules in human epidermis. Katagata Y, et al. **FEBS Lett** 1984 Dec 3;178(1):92-6

Postnatal developmental profiles of filamentous actin and of 200 kDa neurofilament polypeptide in the visual cortex of light- and dark-reared rats and their relationship to critical period plasticity. Nona SN, et al. **FEBS Lett** 1985 Jul 1; 186(1):111-5

Antibodies to neurofilament protein and other brain proteins reveal the innervation of peripheral organs. Hacker GW, et al. **Histochemistry** 1985;82(6):581-93

Participation of 200K or 150K subunit of neurofilament in construction of the filament core with 70K subunit and promotion of tubulin polymerization by incorporated 200K subunit. Minami Y, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1481-90

The structure, biochemical properties, and immunogenicity of neurofilament peripheral regions are determined by phosphorylation state. Carden MJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9805-17

Slow posttranslational modification of a neurofilament protein. Bennett GS, et al. **J Cell Biol** 1985 May; 100(5):1799-804

Intermediate filament cytoskeleton of amnion epithelium and cultured amnion epithelial cells: expression of epidermal cytokeratins in cells of a simple epithelium. Regauer S, et al. **J Cell Biol** 1985 Apr;100(4):997-1009

A monoclonal antibody against neurofilament protein specifically labels a subpopulation of rat sensory neurones. Lawson SN, et al. **J Comp Neurol** 1984 Sep 10; 228(2):263-72

The intermediate filament proteins of rabbit normal epidermal Merkel cells are cytokeratins. Saurat JH, et al. **J Invest Dermatol** 1984 Dec;83(6):431-5

Receptor-mediated phosphorylation of astroglial intermediate filament proteins in cultured astroglia. McCarthy KD, et al. **J Neurochem** 1985 Mar;44(3):723-30

An immunoblot study of neurofilament degradation in situ and during calcium-activated proteolysis. Schlaepfer WW, et al. **J Neurochem** 1985 Feb;44(2):502-9

Effect of ionising radiation on the axon reaction of mouse anterior horn motor neurons. A histological and immunocytochemical study using a monoclonal antibody to neurofilament protein. Moss TH, et al. **J Neurol Sci** 1985 Jan;67(1):1-14

Terminally differentiated derivatives of pulmonary small cell carcinomas may contain neurofilaments [letter] Clark RK, et al. **Lab Invest** 1985 Aug;53(2):243-4

Interaction in vitro of the neurofilament triplet proteins from porcine spinal cord with natural RNA and DNA. Traub P, et al. **Mol Biol Rep** 1985 Apr;10(3):129-36

Metabolic studies in vitro of the CNS cytoskeletal proteins: synthesis and degradation. Smith ME, et al. **Neurochem Res** 1984 Oct;9(10):1493-507

The effect of nerve growth factor and its antibodies on neurofilament protein expression in primary cultures of sensory and spinal neurons. Doherty P, et al. **Neurosci Lett** 1984 Sep 28;51(1):55-60

Aberrant neurofilament phosphorylation in Alzheimer disease. Sternberger NH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4274-6

PHYSIOLOGY

Intermediate filaments in nervous tissue. Dahl D, et al. **Cell Muscle Motil** 1985;6:75-96 (153 ref.)

Control of germ cell nuclear behaviour at fertilization by Tetrahymena intermediate filament protein. Numata O, et al. **Nature** 1985 Mar 14-20;314(6007):192-4

INTERMEDIATE FILAMENTS see **CYTOPLASMIC FILAMENTS**

INTERMEDINS see **MSH**

INTERMETATARSAL JOINT see **TARSAL JOINT**

INTERMITTENT CLAUDICATION

BLOOD

Platelet counts in myocardial infarction, angina pectoris and peripheral artery disease. Fagher B, et al. **Acta Med Scand** 1985;217(1):21-6

COMPLICATIONS

Giant cell arteritis diagnosed following arm claudication. Petrie JP, et al. **Aust NZ J Med** 1984 Jun;14(3):275-6

[Intermittent claudication--an intervention study. A prospective study of the value of preventive medical advice] Jacobsen UK, et al. **Ugeskr Laeger** 1985 Feb 25; 147(9):813-5 (Eng. Abstr.) **(Dan)**

DIAGNOSIS

Cystic adventitial disease of the popliteal artery. Stallworth JM, et al. **Am Surg** 1985 Aug;51(8):455-9

The sensitivity, specificity, and predictive value of traditional clinical evaluation of peripheral arterial disease: results from noninvasive testing in a defined population. Criqui MH, et al. **Circulation** 1985 Mar;71(3):516-22

Neurospinous claudication [editorial] **Lancet** 1985 Sep 28; 2(8457):704

Evaluation of the patient with intermittent claudication. Spittell JA Jr. **Postgrad Med** 1985 Aug;78(2):163-9

[Diagnosis of peripheral arterial insufficiency in the amateur athlete with claudication and the detection of 'the isolated iliac artery stenosis syndrome in young bicyclists with no risk factors' with the Doppler and rolling carpet tests] Monti M, et al. **Rev Med Suisse Romande** 1984 Oct; 104(10):823-30 **(Fre)**

[Intermittent claudication] Baumgart P, et al. **Schweiz Rundsch Med Prax** 1984 Nov 27;73(48):1499-501 (Eng. Abstr.) **(Ger)**

[Chronic ischemia of the lower limbs--diagnosis and management] Przystasz T, et al. **Wiad Lek** 1984 Oct 15; 37(20):1643-55 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Rationale for the use of drugs inhibiting platelet function in claudicating patients with atherosclerotic leg arteries. Verstraete M. **Agents Actions [Suppl]** 1984;15:173-87 (39 ref.)

The effectiveness of isoxsuprine in patients with intermittent claudication. Skotnicki SH, et al. **Angiology** 1984 Nov; 35(11):685-93

Pentoxifylline and intermittent claudication [editorial] Spittel JA Jr. **Ann Intern Med** 1985 Jan;102(1):126-7

Report of Scottish general practitioner open multicentre study of isoxsuprine (Duvadilan Retard) in the management of intermittent claudication. Mackenzie W, et al **Br J Clin Pract** 1985 Jan;39(1):30-2

Chronic effects of labetalol, pindolol, and propranolol on calf blood flow in intermittent claudication. Lepäntalo M. **Clin Pharmacol Ther** 1985 Jan;37(1):7-12

Pentoxifylline: a new agent for intermittent claudication.

Baker DE, et al. **Drug Intell Clin Pharm** 1985 May;19(5):345-8 (36 ref.)

Clinical pharmacology of pentoxifylline with special reference to its hemorrheologic effect for the treatment of intermittent claudication. Dettelbach HR, et al. **J Clin Pharmacol** 1985 Jan-Feb;25(1):8-26 (133 ref.)

Placebo-controlled double-blind trial of ketanserin in treatment of intermittent claudication. De Cree J, et al. **Lancet** 1984 Oct 6;2(8406):775-9

Ketanserin in intermittent claudication [letter] Fonseca V, et al. **Lancet** 1984 Nov 24;2(8413):1212-3

Pentoxifylline for intermittent claudication. **Med Lett Drugs Ther** 1984 Nov 23;26(675):103-4

New drug for intermittent claudication. Pepper GA. **Nurse Pract** 1985 May;10(5):54

Pentoxifylline: a new drug for the treatment of intermittent claudication. Mechanism of action, pharmacokinetics, clinical efficacy and adverse effects. Aviado DM, et al. **Pharmacotherapy** 1984 Nov-Dec;4(6):297-307 (85 ref.)

[Effects of the Tibetan herbal preparation Padma 28 in intermittent claudication] Schräder R, et al. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):752-6 (Eng. Abstr.) **(Ger)**

[Isosorbide dinitrate ointment in the long-term treatment of intermittent claudication] Testa R, et al. **G Ital Cardiol** 1984 Nov;14(11):852-8 (Eng. Abstr.) **(Ita)**

[Flunarizine in the treatment of arteriopathies of the legs] Catalano M, et al. **Ric Clin Lab** 1985;15 Suppl 1:475-8 (Eng. Abstr.) **(Ita)**

[Nifedipine in intermittent claudication (letter)] Gascón Ramón G. **Med Clin (Barc)** 1984 Dec 15;83(20):866-7 **(Spa)**

[Therapy of vascular insufficiency of the legs with plafibride] Lázaro Campillo T, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):752-5 (Eng. Abstr.) **(Spa)**

[Plafibride and vascular insufficiency of the lower limbs (letter)] Soringer Escofet FJ, et al. **Med Clin (Barc)** 1985 Apr 20;84(15):632 **(Spa)**

[Ineffectiveness of Naudicelle in intermittent claudication] Olsson AG, et al. **Lakartidningen** 1984 Dec 19;81(51):4855-7 **(Swe)**

ETIOLOGY

The popliteal entrapment syndrome. Becquemin JP, et al. **Anat Clin** 1984;6(3):203-7

Atypical claudication. Tait WF, et al. **Br J Surg** 1985 Apr;72(4):315-6

Neurogenic claudication (spinal stenosis). Stephens MM, et al. **Ir Med J** 1984 Aug;77(8):235-8

Update on some epidemiologic features of intermittent claudication: the Framingham Study. Kannel WB, et al. **J Am Geriatr Soc** 1985 Jan;33(1):13-8

A case of Wegener's granulomatosis presenting with jaw claudication. Vermeulen JP, et al. **J Rheumatol** 1984 Oct;11(5):707-9

Mesenteric vascular insufficiency and claudication following acute dissecting thoracic aortic aneurysm. Cogbill TH, et al. **J Vasc Surg** 1985 May;2(3):472-6

Thigh claudication due to profunda femoris artery occlusion. Martin RS 3d. **J Vasc Surg** 1984 Sep;1(5):692-4

Intermittent claudication due to cauda equina compression. McNamara JO, et al. **NC Med J** 1985 Jul;46(7):398

Popliteal artery entrapment syndrome. A report of 2 cases. Jeffery PC, et al. **S Afr Med J** 1985 Apr 27;67(17):692-4

[Tibial exostosis. A rare cause of unilateral intermittent claudication] Allermand H, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2239-40 (Eng. Abstr.) **(Dan)**

[Cystic adventitial degeneration of the popliteal artery. Clinical case and review of the literature] Baar R, et al. **Chirurg** 1984 Aug;55(8):534-5 **(Ger)**

[Disease picture of neural intermittent claudication in lumbar spinal stenosis] Krüger J, et al. **Neurochirurgia (Stuttg)** 1985 May;28(3):121-30 (Eng. Abstr.) **(Ger)**

[Intermittent spinal claudication due to vertebral hemangioma--a case report] Kazui H, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):813-6 (Eng. Abstr.) **(Jpn)**

[Neurogenic intermittent claudication] Jarmundowicz W, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):493-7 (Eng. Abstr.) **(Pol)**

MORTALITY

Mortality and morbidity in patients with intermittent claudication in relation to the location of the occlusive atherosclerosis in the leg. Jonason T, et al. **Angiology** 1985 May;36(5):310-4

OCCURRENCE

The prevalence of peripheral arterial disease in a defined population. Criqui MH, et al. **Circulation** 1985 Mar;71(3):510-5

PHYSIOPATHOLOGY

Is adrenergic betareceptor blockade contraindicated in patients with intermittent claudication? Svendsen TL, et al. **Acta Med Scand [Suppl]** 1985;693:129-32

Thrombocytopenia and lupus-like anticoagulant in a patient with peripheral vascular disease: response to infusion of prostacyclin. Fonseca V, et al. **Angiology** 1985 Apr;36(4):258-63

Leg blood flow in intermittent claudication--a comparison between non insulin dependent diabetics and non diabetics. Janzon L, et al. **Angiology** 1984 Nov;35(11):724-8

Clinical and rheological studies in patients with intermittent claudication. Jacobs MJ, et al. **Atherosclerosis** 1985 Jun;55(3):331-7

[Effect of physical training on blood flow properties in patients with intermittent claudication] Gallasch G, et al. **Klin Wochenschr** 1985 Jun 18;63(12):554-9 (Eng. Abstr.) **(Ger)**

[Physiopathological and pathogenic aspects of intermittent claudication] Cospite M, et al. **Angiologia** 1984 Nov-Dec;36(6):283-8 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

A relationship between claudication of the cauda equina and the small aorta syndrome. Poskitt KR, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):75-9

Digital subtraction angiography as an adjunct to conventional arteriography. Marsman JW, et al. **Vasa** 1985;14(1):62-5

SURGERY

The autogenous vein graft as popliteal artery substitute. Long-term follow-up of cystic adventitial degeneration. Hierton T, et al. **Acta Chir Scand** 1984;150(5):377-83

Role of vein patch angioplasty in isolated operations for profunda femoris stenosis and disabling claudication. Jennings WC, et al. **Am J Surg** 1985 Aug;150(2):263-5

Polytetrafluoroethylene grafts as the first-choice arterial substitute in femoropopliteal revascularization. Quinones-Baldrich WJ, et al. **Arch Surg** 1984 Nov;119(11):1238-43

Endarterectomized superficial femoral artery as an arterial patch. Rollins DL, et al. **Arch Surg** 1985 Mar;120(3):367-9

Fate of claudicants after femoropopliteal vein bypass: prospective, long-term follow-up of 100 patients. Sladen JG, et al. **Can J Surg** 1985 Sep;28(5):401-4

Popliteal artery entrapment. Schatzker J, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1290-1

Albumin kinetics and oedema following reconstructive arterial surgery of the lower limb. Campbell H, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):110-5

Femorotibial vein bypass in a child. Pinkerton JA Jr, et al. **J Vasc Surg** 1985 Sep;2(5):735-8

[2 cases of combined aorto-femoral and femoral-popliteal arterial reconstruction] Stancanelli V, et al. **Minerva Cardioangiol** 1985 May;33(5):295-9 (Eng. Abstr.) **(Ita)**

[Arterial lesions in the toxic syndrome. Apropos of a case treated using direct arterial surgery] Jiménez Cossio JA, et al. **Angiologia** 1984 Nov-Dec;36(6):269-72 (Eng. Abstr.) **(Spa)**

THERAPY

Pain free physical training in intermittent claudication. Boyd CE, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):112-22

The effects of physical training and flunarizine on walking capacity in intermittent claudication. Lepäntalo M, et al. **Scand J Rehabil Med** 1984;16(4):159-62

The effect of hemodilution upon patients with intermittent claudication. Wolfe JH, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):347-51

[Relative employment of the health services. Chronic patients with occlusive arterial diseases compared with a control group] Jacobsen UK, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1146-8 (Eng. Abstr.) **(Dan)**

INTERMITTENT POSITIVE PRESSURE BREATHING see under **POSITIVE PRESSURE RESPIRATION**

INTERMITTENT POSITIVE PRESSURE VENTILATION see under **POSITIVE PRESSURE RESPIRATION**

INTERNAL-EXTERNAL CONTROL

Health locus of control and self-esteem as related to adolescent health behavior and intentions. Dielman TE, et al. **Adolescence** 1984 Winter;19(76):935-50

Causal attribution of drinking antecedents in American Indian and Caucasian social drinkers. Jones-Saumty DJ, et al. **Adv Alcohol Subst Abuse** 1984 Fall;4(1):19-28

The attributional beliefs of hearing-impaired students concerning academic success and failure. Wolk S. **Am Ann Deaf** 1985 Mar;130(1):32-8

Controllability and predictability in acquired motivation. Mineka S, et al. **Annu Rev Psychol** 1985;36:495-529 (208 ref.)

Effects of threat of shock and control over shock on finger pulse volume, pulse rate and systolic blood pressure. Smith TW, et al. **Biol Psychol** 1985 Feb;20(1):31-8

On choosing to make aversive events predictable or unpredictable: some behavioural and psychophysiological findings. Evans PD, et al. **Br J Psychol** 1984 Aug;75 (Pt 3):377-91

Perceived controllability of life-events and willingness to prescribe psychotropic drugs. Brewin CR. **Br J Soc Psychol** 1984 Sep;23 (Pt 3):285-7

Adolescent abuse and the development of personal sense of control. Galambos NL, et al. **Child Abuse Negl** 1984;8(3):285-93 (47 ref.)

Locus of control, persistence, and use of contingency information in physically abused children. Slade B, et al. **Child Abuse Negl** 1984;8(4):447-57

Relationship between health locus of control, health value, and social support and compliance of persons with diabetes mellitus. Schlenk EA, et al. **Diabetes Care** 1984 Nov-Dec;7(6):566-74

Desirability of control versus locus of control: relationship to paralinguistics in the type A interview. Dembroski TM, et al. **Health Psychol** 1984;3(1):15-26

Locus of control, depression, and anxiety in young and old adults: a comparison study. Molinari V, et al. **Int J Aging Hum Dev** 1984-85;20(1):41-52

Attribution processes in distressed and nondistressed couples: 2. Responsibility for marital problems. Fincham FD. **J Abnorm Psychol** 1985 May;94(2):183-90

Loss of control, self-blame, and depression: an investigation of spouse caregivers of Alzheimer's disease patients. Pagel MD, et al. **J Abnorm Psychol** 1985 May;94(2):169-82

Depression and attributions: factors responsible for inconsistent results in the published literature. Peterson C, et al. **J Abnorm Psychol** 1985 May;94(2):165-8

Attribution style, the dexamethasone suppression test, and the diagnosis of melancholia in depressed inpatients. Zimmerman M, et al. **J Abnorm Psychol** 1984 Nov;93(4):373-7

Diminished responsibility as a mitigating circumstance in juvenile offenders' legal judgments. Siegal M. **J Adolesc** 1984 Sep;7(3):233-43

Locus of control, repression-sensitization, and psychological disorder in chronic pain patients. McCreary C, et al. **J Clin Psychol** 1984 Jul;40(4):897-901

Attribution of control and the fear of death among first-year medical students. Vargo ME, et al. **J Clin Psychol** 1984 Nov;40(6):1525-8

Interrelationships of locus of control content dimensions and hopelessness. Ward LC, et al. **J Clin Psychol** 1985 Jul;41(4):517-20

Prison inmates' explanations for interpersonal violence: accounts and attributions. Henderson M, et al. **J Consult Clin Psychol** 1984 Oct;52(5):789-94

The effect of locus of control and perceptions of school environment on outcome in three school drug abuse prevention programs. Olton AL. **J Drug Educ** 1985;15(2):157-69

Relevance of job involvement and work involvement of managerial employees and blue-collar workers to their locus of control. Reddy NY, et al. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):15-22

Desire for control, locus of control, and proneness to depression. Burger JM. **J Pers** 1984 Mar;52(1):71-89

Stress, externality, and depression. Ganellen RJ, et al. **J Pers** 1984 Dec;52(4):326-37

Locus of control in children of divorce. Kalter N, et al. **J Pers Assess** 1984 Aug;48(4):410-4

A Rorschach assessment of children's mutuality of autonomy. Ryan RM, et al. **J Pers Assess** 1985 Feb;49(1):6-12

Preference for control and the coronary-prone behavior pattern: 'I'd rather do it myself'. Miller SM, et al. **J Pers Soc Psychol** 1985 Aug;49(2):492-9

Learned helplessness and learned resourcefulness: effects of noncontingent success and failure on individuals differing in self-control skills. Rosenbaum M, et al. **J Pers Soc Psychol** 1985 Jan;48(1):198-215

Personal efficacy, external locus of control, and perceived contingency of parental reinforcement among depressed, paranoid, and normal subjects. Rosenbaum M, et al. **J Pers Soc Psychol** 1985 Aug;49(2):539-47

Long-term adjustment to physical disability: the role of social support, perceived control, and self-blame. Schulz R, et al. **J Pers Soc Psychol** 1985 May;48(5):1162-72

Attributional style and the type A coronary-prone behavior pattern. Strube MJ. **J Pers Soc Psychol** 1985 Aug;49(2):500-9

Type A behavior pattern and the judgment of noncontingency: mediating roles of mood and perspective. Strube MJ, et al. **J Pers Soc Psychol** 1985 Aug;49(2):510-9

Hemisphericity, locus of control, and grade point average among middle and high school boys and girls. Brog MJ. **Percept Mot Skills** 1985 Feb;60(1):39-45

Locus of control and effects of perceptual tasks on heart rate. Johnson PR, et al. **Percept Mot Skills** 1985 Feb;60(1):311-8

Health versus activity in elderly persons' locus of control. Lumpkin JR. **Percept Mot Skills** 1985 Feb;60(1):288

Obesity as a variable affecting performance on the rod and frame test. Thomason JA. **Percept Mot Skills** 1984 Oct;59(2):476-8

Relation of agoraphobics health locus of control orientation to severity of agoraphobia. Adler D, et al. **Psychol Rep** 1985 Apr;56(2):619-25

Impact of stress and locus of control on the concept of self. Clayson DE, et al. **Psychol Rep** 1984 Dec;55(3):919-26

Trait anxiety and locus of control. de Man AF, et al. **Psychol Rep** 1985 Apr;56(2):556

Socialization, locus of control, and dogmatism as related to counsellors' office settings. Dhillon M, et al. **Psychol Rep** 1985 Feb;56(1):328-30

The work ethic as moderator variable of life stress: preliminary inquiry. Flannery RB Jr. **Psychol Rep** 1984 Oct;55(2):361-2

Reasons for drug use: comparison of drug users and abusers. Jurich AP, et al. **Psychol Rep** 1984 Oct;55(2):371-8

Development of a heart disease locus of control scale. O'Connell JK, et al. **Psychol Rep** 1985 Feb;56(1):159-64

Locus of control and perceived stress among student-teachers. Sadowski CJ, et al. **Psychol Rep** 1985 Jun;56(3):723-6

Correlates of job satisfaction of public school teachers: moonlighting, locus of control, and stress. Santangelo S, et al. **Psychol Rep** 1985 Feb;56(1):130

Measuring locus of control in a hospital setting. Tadmor CS, et al. **Psychol Rep** 1985 Apr;56(2):525-6

'Why me?': an attributional analysis of a major illness. DuCette J, et al. **Res Nurs Health** 1984 Dec;7(4):257-64

Relationship of health locus of control to lifestyle change programs. Jordan-Marsh M, et al. **Res Nurs Health** 1985 Mar;8(1):3-11

Effects of progressive muscle relaxation training on anxiety and health locus of control among hypertensive adults. Pender NJ. **Res Nurs Health** 1985 Mar;8(1):67-72

Social work and AIDS. Furstenberg AL, et al. **Soc Work Health Care** 1984 Summer;9(4):45-62

[Long-term effects of attribution therapy of obese patients: effects of attribution training on successful weight reduction and the dropout rate in a 23-week weight reduction program] Haisch J, et al. **Psychother Psychosom Med Psychol** 1985 May;35(5):133-40 (Eng. Abstr.) **(Ger)**

[Internal/external locus of control and early examinations for cancer diagnosis] Hornung R. **Soz Praventivmed** 1984; 29(4-5):229-30 (Eng. Abstr.) **(Ger)**

[Cluster analysis of alcoholic patients based on personality variables, social insecurity and control orientation] Klages U. **Z Klin Psychol Psychopathol Psychother** 1984; 32(3):260-70 (Eng. Abstr.) **(Ger)**

INTERNAL MAMMARY ARTERY IMPLANTATION see under **MYOCARDIAL REVASCULARIZATION**

INTERNAL MAMMARY-CORONARY ARTERY ANASTOMOSIS see under **MYOCARDIAL REVASCULARIZATION**

INTERNAL MEDICINE

39th Nordic Congress of Internal Medicine and annual spring meeting for the Danish Societies of Internal Medicine, Clinical Chemistry and Clinical Physiology and Nuclear Medicine. Copenhagen, June 7-9, 1984. Proceedings and abstracts. **Acta Med Scand [Suppl]** 1984;685:1-55

The general internist and gatekeepers [letter] **Ann Intern Med** 1985 Jul;103(1):159-60

The internist as gatekeeper. Preparing the general internist for a new role. Eisenberg JM. **Ann Intern Med** 1985 Apr; 102(4):537-43

The periodic health examination and internal medicine: 1984. Fletcher SW. **Ann Intern Med** 1984 Dec;101(6):866-8

Referrals to allergists [letter] Gross R. **Ann Intern Med** 1985 May;102(5):726

A library for internists V. Recommended by the American College of Physicians. Lewis CS Jr. **Ann Intern Med** 1985 Mar;102(3):423-37

Occupational medicine. A new focus for general internal medicine. Cullen MR. **Arch Intern Med** 1985 Mar; 145(3):511-5 (33 ref.)

The creative clinician. Papper S. **Arch Intern Med** 1984 Oct; 144(10):2049-50

The Australian Society for Medical Research: annual scientific meeting, Hobart, 9-12 December, 1984. Abstracts. **Aust NZ J Med** 1985 Feb;15(1 Suppl 1):123-57

Proceedings of meetings of special societies. Gastroenterological Society of Australis, Royal Australasian College of Physicians, New Zealand Society of Gastroenterology, Australian Rheumatism Association. Abstracts. **Aust NZ J Med** 1984 Jun;14(3 Suppl 1):305-73

Abstracts to additional papers presented at the symposium honoring Dr. Samuel P. Bessman. **Biochem Med** 1985 Apr; 33(2):271-8

The physician episode of care: a framework for analyzing physician behavior regarding use of clinical and technical resources. Pineault R. **Clin Invest Med** 1985;8(1):48-55

Medical Research Society communications. London. 3-4 January 1985. Abstracts. **Clin Sci** 1985;68 Suppl 11:1p-84p

Abstracts and index of the 19th annual meeting of the European Society for Clinical Investigation, April 24-27, Toulouse, France. **Eur J Clin Invest** 1985 Apr;15(2 Pt 2):A1-72

Does role dictate response of chiefs and chairmen? Horan LG, et al. **Int J Cardiol** 1984 Nov;6(5):639-44

Attitudes of internal medicine residents and staff physicians toward various patient characteristics. Harris IB, et al. **J Med Educ** 1985 Mar;60(3):192-5

Contrasts in the professional identities of psychiatrists and internists. Hunt DD, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):894-9

Family practice and internal medicine residents' values related to future medical practices. Quirk M, et al. **J Med Educ** 1985 Feb;60(2):138-40

Proceedings of the 81st annual scientific session of the Japanese Society of Internal Medicine. April 1-3, 1984, Fukuoka, Japan. Abstracts. **Jpn J Med** 1984 Nov; 23(4):293-424

The continuity of care provided to primary care patients. A comparison of family physicians, general internists, and medical subspecialists. Goldberg HI, et al. **Med Care** 1985 Jan;23(1):63-73

Information systems and clinical research by residents in internal medicine. Kochen M, et al. **Methods Inf Med** 1985 Apr;24(2):85-90

Internists and the chronic pain patient. Margolis RB, et al. **Pain** 1984 Oct;20(2):151-6

Consultation-liaison fellowships: effect on internists' attitudes toward psychiatric consultation. Brantley JT Jr, et al. **Psychosomatics** 1985 Jan;26(1):18-20, 25-7

Patterns of ambulatory care in internal medicine: the National Ambulatory Medical Care Survey. Cypress BK. **Vital Health Stat [13]** 1984 Sep;(80):1-69

Proceedings of the Commonwealth Caribbean Medical Research Council, 30th scientific meeting. Kingstown, St. Vincent and the Grenadines, April 24-27, 1985. **West Indian Med J** 1985;34 Suppl:1-64

Preoperative evaluations by an internist--are they worthwhile? Levinson W. **West J Med** 1984 Sep; 141(3):395-8

[Do men and women see cardiologists and internists in equal numbers?] Vandenbroucke JP. **Ned Tijdschr Geneeskd** 1985 Mar 30;129(13):605-7 **(Dut)**

[Evaluation of anxiety and depression among patients hospitalized on an internal medicine service] Lépine JP, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):175-89 **(Fre)**

[Dental medicine and internal medicine: common therapy and antagonistic therapy] Pellet FL. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:951-60 (Eng. Abstr.) **(Fre)**

[14th Tunisian Medical Seminar. 15-16 October 1983, Tunis. Abstracts] **Tunis Med** 1983 Sep-Oct;61(5):2-84 **(Fre)**

[14th Maghreb Medical Congress. School of Pharmacy. Monastir 6-8 May 1985. Abstracts] **Tunis Med** 1985 May; 63(5):480 abstracts **(Fre)**

[Abstracts of presentations at the joint meeting of the Austrian and Hungarian Society of Anesthesiology, Resuscitation and Intensive Care. 31 May-1 June 1984, Eisenstadt] **Anaesthesist** 1985 Mar;34(3):145-59 **(Ger)**

[Author abstracts of the 91st meeting of the German Society for Internal Medicine. 14-18 April 1985, Wiesbaden] **Klin Wochenschr** 1985;63 Suppl 4:1-280 **(Ger)**

[53d annual meeting of the Swiss Society for Internal Medicine and annual congress of the Swiss Society for General Medicine. Interlaken, 10-11 May 1985. Abstracts] **Schweiz Med Wochenschr [Suppl]** 1985;18:35-60 **(Ger, Fre)**

[Experience with real-time sonography in an internal medicine intensive care unit] Wehselau HJ, et al. **Ultraschall Med** 1984 Dec;5(6):290-3 (Eng. Abstr.) **(Ger)**

[Proceedings of the 90th session of the German Society for Internal Medicine. Wiesbaden, 29 April-3 May 1984. I] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:1-1206 **(Ger)**

[Proceedings of the German Society for Internal Medicine. 90th session. Wiesbaden, 29 April-3 May 1984. II] **Verh Dtsch Ges Inn Med** 1984;90 Pt 2:1207-972 **(Ger)**

[Evaluation of the efficacy of concomitant special psychotherapeutic methods by patients in an internal medicine clinic] Dummer W, et al. **Z Gesamte Inn Med** 1985 May 15;40(10):293-6 (Eng. Abstr.) **(Ger)**

[The cellular concept in internal medicine] Laschi R, et al. **Recenti Prog Med** 1985 Mar;76(3):154-7 **(Ita)**

[82nd Congress of the Japanese Society of Internal Medicine. April 4-6, 1985, Nagoya, Japan. Abstracts] **Nippon Naika Gakkai Zasshi** 1985 Feb;74(2):146-278 **(Jpn)**

[Cooperative research work between university hospitals and the pharmaceutical industry. With special reference to subspecialization within internal medicine and surgery] Burhol G. **Tidsskr Nor Laegeforen** 1985 Feb 28; 105(6):438-9 (Eng. Abstr.) **(Nor)**

[Solar-biosphere relationships, biorhythms and the problems of internal medicine (methodological aspects)] Komarov FI, et al. **Ter Arkh** 1985;57(3):149-53 (23 ref.) **(Rus)**

[Philosophical bases of the study of normal clinical values] Volkov VV, et al. **Voen Med Zh** 1985 Jun;(6):10-4 **(Rus)**

CLASSIFICATION

[The future and structuring of internal medicine] Deutsch E. **Wien Med Wochenschr [Suppl]** 1984;85:6-9 **(Ger)**

[Structuring of internal medicine] Frank-Schmidt HJ. **Wien Med Wochenschr [Suppl]** 1984;85:9-12 **(Ger)**

EDUCATION

Sculpture of a new academic discipline. Four faces of academic general internal medicine. Eisenberg JM. **Am J Med** 1985 Feb;78(2):283-92

Preventive medicine in general internal medicine residency training. Preventive Health Care Committee, Society for Research and Education in Primary Care Internal Medicine. **Ann Intern Med** 1985 Jun;102(6):859-61

Preventive medicine and residency training [letter] **Ann Intern Med** 1985 Oct;103(4):641-2

Information needs in office practice: are they being met? Covell DG, et al. **Ann Intern Med** 1985 Oct;103(4):596-9

The academic viability of general internal medicine. The views of department of medicine chairmen. Friedman RH, et al. **Ann Intern Med** 1985 Sep;103(3):439-44

House staff pregnancy in internal medicine residencies. Greganti MA, et al. **Ann Intern Med** 1985 Jan;102(1):123-5

The academic future of general internal medicine [editorial] Huth EJ. **Ann Intern Med** 1985 Feb;102(2):261-3

Divisions of general internal medicine: accomplishments and needs [editorial] Karpf M, et al. **Ann Intern Med** 1985 Sep; 103(3):456-8

An analysis of the knowledge base of practicing internists as measured by the 1980 recertification examination. Norcini JJ, et al. **Ann Intern Med** 1985 Mar;102(3):385-9

Preparing for the practice of internal medicine [letter] Vaughan DA. **Ann Intern Med** 1985 May;102(5):725

Internal medicine and primary care [letter] Aldis WL. **Arch Intern Med** 1984 Oct;144(10):2099-100

A comparative trial of the clinical evaluation exercise. Kroboth FJ, et al. **Arch Intern Med** 1985 Jun;145(6):1121-3

There is a contract out on us [editorial] Papper S. **Arch Intern Med** 1985 Jun;145(6):1004-5

Twenty-five year review of training in internal medicine at a voluntary teaching hospital. Rosner F, et al. **Bull NY Acad Med** 1985 May;61(4):351-8

QUICK (QUick Index to Caduceus Knowledge): using the INTERNIST-1/CADUCEUS knowledge base as an electronic textbook of medicine. First MB, et al. **Comput Biomed Res** 1985 Apr;18(2):137-65

The discriminatory value of the various parts of the University of Nairobi qualifying examination in internal medicine (final MB). Rees PH, et al. **East Afr Med J** 1984 Apr;61(4):262-5

The characteristics of training in ambulatory medicine in U.S. residencies. Daley J, et al. **J Med Educ** 1985 May; 60(5):355-66

An appraisal of goals for residency training in internal medicine. Matthews DA, et al. **J Med Educ** 1985 Jul; 60(7):536-44

Attitudes of internists in practice toward their ambulatory care education. Mitchell WD, et al. **J Med Educ** 1985 May; 60(5):415-7

The impact of a quality assurance program on postgraduate training in internal medicine. Bouchard RE, et al. **JAMA** 1985 Feb 22;253(8):1146-50

The lasting value of clinical skills. Kern DC, et al. **JAMA** 1985 Jul 5;254(1):70-6

Comparing ambulatory care practices of primary care and traditional medicine residents. Bennett SE, et al. **Med Care** 1985 Jun;23(6):816-22

The effect of a checklist on medical students' exposures to practical skills. Hunskaar S, et al. **Med Educ** 1984 Nov; 18(6):439-42

Practice patterns of graduates of a North Carolina community hospital internal medicine training program. Ungaro PC, et al. **NC Med J** 1984 Oct;45(10):657-9

The development, justification and future of a community hospital internal medicine training program. Werk EE Jr. **NC Med J** 1984 Oct;45(10):630-1

The medical-psychiatric unit and psychosocial education of internists. Brown JT, et al. **Psychosomatics** 1985 Mar; 26(3):231-3, 237-8

Stress and coping in internal medicine residency. Cooke M. **West J Med** 1985 Apr;142(4):547-8

Educating internists in emergency medicine. Sanders AB, et al. **West J Med** 1984 Oct;141(4):534-7

Problems experienced by residents in internal medicine training. Wolfe ES, et al. **West J Med** 1985 Apr; 142(4):570-2

[Thoughts on specialized continuing education for internal medicine based on experiences of the specialist commissions] Straube KH. **Z Gesamte Inn Med** 1985 Feb 15;40(4):90-2 (Eng. Abstr.) **(Ger)**

[Postgraduate training of primary health care physicians in internal medicine] Sterkowicz S. **Wiad Lek** 1984 Sep 1; 37(17):1391-5 (Eng. Abstr.) **(Pol)**

[Growth of the Department of Internal Diseases at the S. M. Kirov Leningrad Institute for the Advanced Training of Physicians (on the 100th anniversary of the institute)] Krylov AA. **Klin Med (Mosk)** 1985 Mar;63(3):141-6 **(Rus)**

[Experience in teaching internal diseases in a single department] Ponomareva AG, et al. **Klin Med (Mosk)** 1984 Nov;62(11):133-6 **(Rus)**

[Organization of subinternship and internship training of internists] Bezrodnykh AA, et al. **Sov Med** 1985;(4):60-4 **(Rus)**

[Major principles of the personality development of a physician-internist] Vogralik VG. **Sov Med** 1984;(9):56-9 **(Rus)**

[Experience in conducting a practical class in the teaching of internal diseases to dental students] Tokmachev IuK, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):77-9 **(Rus)**

[Tasks of the department of polyclinical therapy in a medical institute] Galkin VA. **Ter Arkh** 1985;57(1):112-4 **(Rus)**

[Problems of restructuring the teaching of internal diseases] Naumov LB, et al. **Ter Arkh** 1985;57(1):114-7 **(Rus)**

[Methods for improving the process of teaching physiotherapy in the internal medicine department] Boiko EV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):68-9 **(Rus)**

[Value of scientific research work of students in the training of medical personnel] Vasilenko IV, et al. **Vrach Delo** 1985 May;(5):118-9 **(Rus)**

[Knowledge of methodology of clinical research among a group of internal medicine residents] Viniegra L, et al.

Rev Invest Clin 1984 Oct-Dec;36(4):361-5 (Eng. Abstr.) **(Spa)**

HISTORY

Acceptance of the George M. Kober Medal for 1984. Berliner RW. **Trans Assoc Am Physicians** 1984;97:clxiv-clxviii

Presentation of the George M. Kober Medal to Robert William Berliner. Orloff J. **Trans Assoc Am Physicians** 1984;97:clxvii-clxiii

[20 years of the Department of Internal Medicine, Stomatology Division] Válek A. **Cas Lek Cesk** 1984 Dec 21;123(51):1573-4 **(Cze)**

[Anniversary dates in Polish medicine 1985] Dzierżanowski ZR. **Arch Hist Med (Warsz)** 1985;48(2):201-9 **(Pol)**

[Address delivered by Prof. Lilia Pawlicka, Director of the Institute of Tuberculosis] Pawlicka L. **Pneumonol Pol** 1985 Jan;53(1):5-8 **(Pol)**

[Illnesses and death of Wacław II, king of Poland and Bohemia] Dudziński W. **Wiad Lek** 1985 Apr 15;38(8):613-5 **(Pol)**

[I.E. Diad'kovskiĭ--a prominent clinician and thinker (on the 200th anniversary of his birth)] Mazurkevich TL, et al. **Klin Med (Mosk)** 1985 Feb;63(2):146-8 **(Rus)**

[75th anniversary of the first congress of Russian internists (Moscow, December 19-23 (old style), 1909)] Artem'ev EN. **Ter Arkh** 1984;56(11):144-6 **(Rus)**

[Knowledge of internal diseases in the wounded--a major achievement of Soviet internists during World War II] Gembitskiĭ EV. **Ter Arkh** 1985;57(5):5-10 (Eng. Abstr.) **(Rus)**

[Therapeutic services in the Red Army during World War II 1941-1945] Il'inskiĭ BV. **Ter Arkh** 1985;57(5):10-4 **(Rus)**

[Internists during the war (on the 40th anniversary of the victory in World War II)] Lidov IP. **Ter Arkh** 1985; 57(5):14-7 **(Rus)**

[100th anniversary of the founding of the Department of Propedeutics in Internal Diseases of the Medical Faculty of the Kharkov Medical Institute] Chernenko VD, et al. **Vrach Delo** 1984 Aug;(8):119-21 **(Rus)**

[60 years' activity and the founding of the Internal Medicine Clinic A at the Medical School of the University of Belgrade] Djurić DS. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1237-78 **(Scc)**

INSTRUMENTATION

[Analysis of inventions related to the tuberculosis and pathology of the respiratory organs] Matusevich VG, et al. **Probl Tuberk** 1985;(3):60-3 (4 ref.) **(Rus)**

MANPOWER

Internists: more specialists or more generalists? [editorial] Rogers DE. **Ann Intern Med** 1985 May;102(5):702-3

National Study of Internal Medicine Manpower: IX. Internal medicine residency and fellowship training: 1984 update. Schleiter MK, et al. **Ann Intern Med** 1985 May;102(5):681-5

Requirements for thoracic medicine [editorial] Clark TJ. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1246-7

[Experience in raising the qualifications of district therapists] Nogaller AM, et al. **Ter Arkh** 1985;57(1):117-9 **(Rus)**

METHODS

Morning report. A successful format. Pupa LE Jr, et al. **Arch Intern Med** 1985 May;145(5):897-9

[Recognition and treatment of vital disorders in war] Nötel U. **Z Gesamte Inn Med** 1985 Jan 15;40(2):51-6 (Eng. Abstr.) **(Ger)**

[Responsibilities and tasks of internal military medicine] Werner G. **Z Gesamte Inn Med** 1985 Jan 15;40(2):29-33 (Eng. Abstr.) **(Ger)**

STANDARDS

General medical care and the education of internists in university hospitals. An evaluation of the teaching hospital general medicine group practice program. Kosecoff J, et al. **Ann Intern Med** 1985 Feb;102(2):250-7

Performance of women candidates on the American Board of Internal Medicine Certifying Examination, 1973-1982. Norcini JJ, et al. **Ann Intern Med** 1985 Jan;102(1):115-8

Measuring clinical performance of individual internists in office and hospital practice. Sanazaro PJ, et al. **Med Care** 1985 Sep;23(9):1097-114

TRENDS

The adult medicine specialist. Kurtz KJ, et al. **Am J Med** 1985 May;78(5):725-7

[Problems of clinical research in internal medicine] Gerok W. **Z Gastroenterol** 1984 Nov;22(11):621-9 **(Ger)**

[Main stages in the development of internal medicine in Uzbekistan] Iuldashev KIu. **Klin Med (Mosk)** 1984 Nov; 62(11):3-7 **(Rus)**

[Clinical aspects of internal diseases in a period of the differentiation of clinical disciplines] Krylov AA. **Klin Med (Mosk)** 1985 Apr;63(4):3-5 **(Rus)**

[Various clinical and organizational aspects of the work of a therapeutist] Leshchinskiĭ LA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):138-43 (Eng. Abstr.) **(Rus)**

INTERNATIONAL AGENCIES

Taxonomic Subcommittee on Enterobacteriaceae of the International Committee on Systematic Bacteriology. van Oye E. **Arch Belg** 1985;43(1-2):41-9

A brief review of ILO activities concerning the health of merchant seafarers. Braida T. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):5-9

Non-tuberculous respiratory disease. **Bull Int Union Tuberc** 1984 Mar-Jun;59(1-2):71-6

The prevention of blindness and the task of the German Committee. Leydhecker W. **Doc Ophthalmol** 1984 Jun 15; 57(4):309-10

The Christoffel Blindenmission. Stein WA. **Doc Ophthalmol** 1984 Jun 15;57(4):311-6

The International Agency for the Prevention of Blindness. A statement at the conference of the Committee of the German Federal Republic for the Prevention of Blindness, February 1979. Wilson J. **Doc Ophthalmol** 1984 Jun 15; 57(4):299-304

The work of OECD in the harmonization of the testing and control of chemicals. Walker AP. **Food Chem Toxicol** 1984 Nov;22(11):905-8

Role of the international agency for the prevention of blindness. Kupfer C. **J Am Optom Assoc** 1984 Sep; 55(9):653-5

Directory lists service opportunities abroad [news] Glasbrenner K. **JAMA** 1984 Dec 14;252(22):3097-115

Interplast. A successful model for anesthesia and plastic surgery in developing countries. Samuels SI, et al. **JAMA** 1984 Dec 14;252(22):3152-5

Studies in occupational epidemiology: the case for international collaboration. Saracci R. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:207-14

Ten-year progress report of the International Cell Exchange. Loon J, et al. **Tissue Antigens** 1984 Oct;24(4):215-27

[ISO: International Standard Organization. Its organization--running operations--recommendation proposals] Hennebert PE. **Acta Otorhinolaryngol Belg** 1984; 38(6):555-61 (Eng. Abstr.) **(Fre)**

[Predictive experimental animal test of contact allergenicity. Relevance of the methods of the OECD and EEC guidelines. The organization for Economic Co-operation and Development] Maurer T, et al. **Derm Beruf Umwelt** 1985;33(1):6-11 (Eng. Abstr.) **(Ger)**

[Quality assurance in x-ray diagnosis--international guidelines for quality assurance] Stieve FE. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:1-10 **(Ger)**

ORGANIZATION & ADMINISTRATION

The structure of the IUAT, its budget and its scientific committees. Rouillon A. **Bull Int Union Tuberc** 1984 Mar-Jun;59(1-2):64-6

Overview and perspective of occupational health from the international viewpoint. Murray R. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):509-18

TRENDS

Progress of the work of the International Agency for the Prevention of Blindness 1975-1982. A report to the International Council of Ophthalmology, October 1982. Jones BR. **Doc Ophthalmol** 1984 Jun 15;57(4):305-7

INTERNATIONAL COOPERATION

see related
CONGRESSES

IFMSS Minimal Record of Disability for multiple sclerosis. Interview protocol for Incapacity Status Scale, Environmental Status Scale 1983. **Acta Neurol Scand [Suppl]** 1984;101:191-217

International Federation of Multiple Sclerosis Societies. Minimal Record of Disability--1983. **Acta Neurol Scand [Suppl]** 1984;101:169-90

International cooperation in dermatology and dermatopathology. Some personal experiences. Baer RL. **Am J Dermatopathol** 1985 Feb;7(1):95-7

United States physicians in Nicaragua [letter] Schlenker TL. **Am J Dis Child** 1985 May;139(5):440

Amnesty International and the forensic sciences. Thomsen JL, et al. **Am J Forensic Med Pathol** 1984 Dec;5(4):305-11

Transfer data. A proposed international standard for interlaboratory information exchange. Elevitch FR, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):496-8

Worldwide data base: a practitioner's dream. Winikoff K. **Bol Asoc Med PR** 1984 Oct;76(10):450-1

Conversation with Archer Tongue [interview] Tongue A. **Br J Addict** 1984 Sep;79(3):245-9

Cooperation not confrontation: the imperative of a nuclear age. Dyer J. **Br Med J [Clin Res]** 1985 Jul 20; 291(6489):191-3

Disaster assessment: the weak link in international relief efforts. **Bull Pan Am Health Organ** 1985;19(1):97-9

Towards a healthy world. Hellberg H. **Can J Public Health** 1985 May-Jun;76 Suppl 1:101-3

The Admassu Teferra memorial lecture. 1985. Basic research: an international partnership toward health for all. Wallace CK. **Ethiop Med J** 1985 Jul;23(3):123-31

The work of OECD in the harmonization of the testing and control of chemicals. Walker AP. **Food Chem Toxicol** 1984 Nov;22(11):905-8

Information on the International Programme on Chemical Safety /UNEP/ILO/WHO/. Mercier M. **Geogr Med** 1984; 14:344-59

International cooperation in blood transfusion. van Loghem JJ. **Haematologia (Budap)** 1983;16(1-4):141-3

University commitment to the improvement of family health education and services. Rodriguez R. **Hygie** 1985 Jun; 4(2):18-22

Improving data bases for international studies. **Int J Epidemiol** 1984 Sep;13(3):267-8

Doctors Across the Sea. A doctor-to-doctor international medical education exchange. Crawshaw R. **JAMA** 1984 Dec 14;252(22):3170-1

Fatalities in the Peace Corps. A retrospective study: 1962 through 1983. Hargarten SW, et al. **JAMA** 1985 Sep 13; 254(10):1326-9

Physicians' group seeks nuclear arms ban [news] Litwin MS. **JAMA** 1985 Aug 2;254(5):586-7, 591

Cooperation not confrontation: the imperative of a nuclear age. The message from Budapest. Lown B, et al. **JAMA** 1985 Aug 2;254(5):655-7

Physicians' antinuclear war group expanding to include child health [news] Ziporyn T, et al. **JAMA** 1985 Aug 2; 254(5):585-7

Effects of US decision to withdraw aid for worldwide family planning programmes. **Lancet** 1985 Jan 12;1(8420):97

Medical exchanges with the USSR [letter] Butler C. **Lancet** 1985 May 25;1(8439):1220

Antismoking intervention and results on longevity. An international study. Ioannidis PJ. **Med Law** 1984; 3(4):383-97

The development of joint scientific cooperation within the framework of CMEA on the problem of 'viral carcinogenesis'. Nadirova GS, et al. **Neoplasma** 1984; 31(6):745-9

International nursing: a force for knowledge development. Meleis AI. **Nurs Outlook** 1985 May-Jun;33(3):144-7

The adventures of an American dentist in Russia. Moshman HB. **NY State Dent J** 1984 Nov;50(9):594, 596, 598 passim

Perspectives for future communications between research and regulatory agencies internationally. Walton TE. **Prog Clin Biol Res** 1985;178:725-7

In defence of international classification [editorial] Saugstad L, et al. **Psychol Med** 1985 Feb;15(1):1-2

Update on international activities in quality assurance. Shanahan M. **QRB** 1984 Sep;10(9):281-2

Summary report of worldwide antibiotic resistance: international task forces on antibiotic use. Burke JP, et al. **Rev Infect Dis** 1985 Jul-Aug;7(4):560-4

Implications of the international initiative against avoidable disablement ('impact') for rubella control. Wilson J. **Rev Infect Dis** 1985 Mar-Apr;7 Suppl 1:S198-9

Worldwide prevention of blindness. Kupfer C. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1984;(1):89-91, 93-6 **(Eng, Fre)**

Open-heart surgery--an American experience in Shanghai. Hanna ES, et al. **West J Med** 1985 Aug;143(2):266-8

Exchange of experience on primary health care. **WHO Chron** 1984;38(4):187-9

[History of the mutual relations between Czech and Russian physicians] Urban F. **Cas Lek Cesk** 1984 Aug 17; 123(33):1037 **(Cze)**

[The NSABP. National Surgical Adjuvant Project for Breast and Bowel Cancers. (Definition, role, methodology, therapeutic trials, results, philosophy)] Legault S, et al. **Union Med Can** 1985 Jun;114(6):468-73, 500 (Eng. Abstr.) **(Fre)**

[Results and perspectives in research cooperation in occupational medicine between the USSR and East Germany] Izmerov NF, et al. **Z Gesamte Hyg** 1984 Oct; 30(10):553-5 (Eng. Abstr.) **(Ger)**

[International scientific relations in the study of the clinical aspects and pathology of cholera (1817-1850)] Stepanov SA, et al. **Arkh Patol** 1985;47(3):78-82 (Eng. Abstr.) **(Rus)**

[Results and prospects for USSR cooperation with international organizations in the field of environmental health] Litvinov NN, et al. **Gig Sanit** 1985 Mar;(3):50-3 **(Rus)**

[World physicians for prevention of nuclear war] Serov VV. **Klin Med (Mosk)** 1985 Feb;63(2):3-7 **(Rus)**

[Economic and scientific and technical cooperation between the member countries of COMECON in the field of medical technology] Kerbunov VV. **Med Tekh** 1984 Nov-Dec;(6):3-8 **(Rus)**

[International relations of the National Health Committee of the RSFSR during the first few years of Soviet rule] Kuz'min MS. **Sov Zdravookhr** 1984;(5):53-7 **(Rus)**

[World physicians for prevention of nuclear war] Likhachev AG. **Vestn Otorinolaringol** 1985 May-Jun;(3):14-22 **(Rus)**

[Cooperation with scientists of East Germany in health resort science and physiotherapy] Bogoliubov VM. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr;(2):6-9 **(Rus)**

[Scandinavian Society for Genitourinary Medicine. Closer Scandinavian cooperation on sexually transmitted diseases] Sandström E, et al. **Nord Med** 1984;99(8-9):196-9 (Eng. Abstr.) **(Swe)**

INTERNATIONAL COUNCIL OF NURSES see under

SOCIETIES, NURSING

INTERNATIONAL EDUCATIONAL EXCHANGE

see related
FOREIGN MEDICAL GRADUATES

Nursing exchange: a sojourn in China. Somers P. **Dimens Health Serv** 1984 Aug;61(8):26-7

The logic of a university student USSR-US exchange program. Dimond EG. **JAMA** 1985 Aug 2;254(5):658-9

Courses in medical laboratory sciences for overseas students: a retrospective view. Barry AP, et al. **Med Lab Sci** 1984 Oct;41(4):337-47

[Therapy of lymphedemas: a study trip to Shanghai in search of the Chinese cure. The second Medical School in Shanghai (11-25 November 1984)] Fox U. **Minerva Med** 1985 Feb 25;76(7): 294-7 **(Ita)**

[Contact with South American ophthalmology] Stankiewicz A. **Klin Oczna** 1984 Jul;86(7):323-4 **(Pol)**

[Teaching medical radiology to foreign students] Kochergin VN, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):46-9 (Eng. Abstr.) **(Rus)**

INTERNATIONAL HEALTH PROBLEMS see **WORLD HEALTH**

INTERNATIONAL SYSTEM OF UNITS see under **WEIGHTS AND MEASURES**

INTERNEURONS

Survival, morphology and adhesion properties of cerebellar interneurones cultured in chemically defined and serum-supplemented medium. Kingsbury AE, et al. **Brain Res** 1985 Jan;349(1-2):17-25

ANALYSIS

Cell surface proteins of cerebellar interneurones and astrocytes cultured in chemically defined and serum-supplemented media. Gallo V, et al. **Brain Res** 1985 Jan;349(1-2):27-37

ANATOMY & HISTOLOGY

The central morphology of the giant interneurons and their spatial relationship with the thoracic motorneurons in the cockroach, Periplaneta americana (Insecta). Collin SP. **J Neurobiol** 1985 Jul;16(4):249-67

CYTOLOGY

Percentage of projection neurons and various types of interneurons in the human claustrum. Spahn B, et al. **Acta Anat (Basel)** 1985;122(4):245-8

Neuronal organization of the avian paraventricular nucleus: intrinsic, afferent, and efferent connections. Korf HW. **J Exp Zool** 1984 Dec;232(3):387-95 (67 ref.)

Exciting prospects in neurology [editorial] Zeman W. **J Neurol** 1984;231(5):231-2

[Morphometric study of the dorsal lateral geniculo-cortical neurons of Sigmodon hispidus in Nissl preparations] Werner L, et al. **Z Mikrosk Anat Forsch** 1984;98(5):673-84 (Eng. Abstr.) **(Ger)**

[The distribution of the motor neurons and internuclear neurons within the abducens nucleus in the cat] Kairada K. **Nippon Ganka Gakkai Zasshi** 1984 Oct;88(10):1324-8 **(Jpn)**

[Structural organization of preganglionic sympathetic neurons] Babmindra VP, et al. **Fiziol Zh SSSR** 1984 Jun; 70(6):773-8 (Eng. Abstr.) **(Rus)**

[Neuronal organization of the sympathetic system-activating structures of the ventro-lateral surface of the medulla oblongata] Lebedev VP, et al. **Fiziol Zh SSSR** 1984 Jun; 70(6):761-72 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Glycine antagonism by RU 5135. Curtis DR, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):383-4

Dissociation between the excitatory and 'excitotoxic' effects of quinolinic acid analogs on the striatal cholinergic interneuron. Lehmann J, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):873-82

METABOLISM

Lipofuscin granules in cerebellar interneurons after long-term alcohol consumption in the adult rat. Tavares MA, et al. **Anat Embryol (Berl)** 1985;171(1):61-9

The release of gamma-aminobutyric acid from horizontal cells of the goldfish (Carassius auratus) retina. Ayoub GS, et al. **J Physiol (Lond)** 1984 Oct;355:191-214

PHYSIOLOGY

Spinal interneurons with sympathetic nerve-related activity. Barman SM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R761-7

Responses of the spinal alpha-motoneurone-Renshaw cell system to various differentially distributed segmental afferent and descending inputs. Koehler W, et al. **Biol Cybern** 1985;51(6):417-26

Interneuronal transfer of axonally transported proteins: studies with HRP and HRP conjugates of wheat germ agglutinin, cholera toxin and the B subunit of cholera toxin. Trojanowski JQ, et al. **Brain Res** 1984 Oct 8;311(2):366-9

Recurrent inhibition in spastic hemiplegia. Chaco J, et al. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec;24(7):571-6

Reciprocal Ia inhibition from the peroneal nerve to soleus motoneurones with special reference to the size of the test reflex. Crone C, et al. **Exp Brain Res** 1985;59(2):418-22

Development of synapses between identified sensory neurones and giant interneurones in the cockroach Periplaneta americana. Blagburn JM, et al. **J Embryol Exp Morphol** 1985 Apr;86:227-46

Flight-initiating interneurons in the locust. Pearson KG, et al. **J Neurophysiol** 1985 Apr;53(4):910-25

Development of chemosensitivity of an identified insect interneurone. Blagburn JM, et al. **J Neurosci** 1985 May; 5(5):1167-75

Neural mechanisms of motor program switching in the mollusc Pleurobranchaea. III. Role fo the paracerebral neurons and other identified brain neurons. Croll RP, et al. **J Neurosci** 1985 Jan;5(1):64-71

Synaptic connectivity between cricket auditory interneurons as studied by selective photoinactivation. Selverston AI, et al. **J Neurosci** 1985 May;5(5):1283-92

Interneurones in the Xenopus embryo spinal cord: sensory excitation and activity during swimming. Clarke JD, et al. **J Physiol (Lond)** 1984 Sep;354:345-62

Reciprocal inhibitory interneurones in the Xenopus embryo spinal cord. Dale N. **J Physiol (Lond)** 1985 Jun;363:61-70

Organization of input to the interneurones mediating group I non-reciprocal inhibition of motoneurones in the cat. Harrison PJ, et al. **J Physiol (Lond)** 1985 Apr;361:403-18

Sources of input to interneurones mediating group I non-reciprocal inhibition of motoneurones in the cat. Harrison PJ, et al. **J Physiol (Lond)** 1985 Apr;361:379-401

Facilitation of soleus-coupled Renshaw cells during voluntary contraction of pretibial flexor muscles in man. Katz R, et al. **J Physiol (Lond)** 1984 Oct;355:587-603

GABAergic intrinsic interneurons in the red nucleus of the cat demonstrated with combined immunocytochemistry and anterograde degeneration methods. Katsumaru H, et al. **Neurosci Res** 1984 Feb;1(1):35-44

Responses of Renshaw cells coupled with hindlimb extensor motoneurons to sinusoidal stimulation of labyrinth receptors in the decerebrate cat. Pompeiano O, et al. **Pflugers Arch** 1985 Mar;403(3):245-57

Initiation of behavior by single neurons: the role of behavioral context. Nolen TG, et al. **Science** 1984 Nov 23; 226(4677):992-4

Electrophysiological characterization of the spectral sensitivities of horizontal cells in cyprinid fish retina. Djamgoz MB. **Vision Res** 1984;24(11):1677-87

Light adaptation in luminosity horizontal cells in the turtle retina. Role of cellular coupling. Itzhaki A, et al. **Vision Res** 1984;24(10):1119-26

Effects of background and spatial pattern on incremental sensitivity of catfish horizontal cells. Kawasaki M, et al. **Vision Res** 1984;24(10):1197-204

Receptive field properties of the photopic luminosity horizontal cell of carp retina. Lipetz LE, et al. **Vision Res** 1984;24(12):1947-50

[Spinal interneurons activated by bilateral afferent and cortical influences] Predtechenskaia KS, et al. **Dokl Akad Nauk SSSR** 1985;281(3):765-8 **(Rus)**

ULTRASTRUCTURE

Ultrastructural identification of satellite interneurons in the rat dorsal lateral geniculate nucleus. Montero VM, et al. **Arch Biol Med Exp (Santiago)** 1983 Dec;16(3-4):343-60

Interneuronal and glial-neuronal gap junctions in the lamina ganglionaris of the compound eye of the housefly, Musca domestica. Saint Marie RL, et al. **Cell Tissue Res** 1985; 241(1):43-52

[Ultrastructure of sensorimotor cortex neurons and interneuronal connections in the progeny of alcoholized rats] Popova EN. **Biull Eksp Biol Med** 1984 Dec; 98(12):743-6 (Eng. Abstr.) **(Rus)**

INTERNSHIP AND RESIDENCY

Training in adolescent psychiatry for general psychiatry residents: elements of a model curriculum. Looney JG, et al. **Adolesc Psychiatry** 1985;12:94-114

Behavioral medicine education in the family medicine residency: a critical review. Kirkland KB, et al. **Ala Med** 1985 Jun;54(12):31-2, 37-9

The education and evaluation of the pediatric resident [letter] **Am J Dis Child** 1985 Aug;139(8):747-8

The education and evaluation of the pediatric resident. Whose responsibility? Burg FD. **Am J Dis Child** 1985 Feb; 139(2):198-9

Assignment of follow-up appointments from an emergency room by pediatric residents. DeAngelis C, et al. **Am J Dis Child** 1985 Apr;139(4):341-2

The emphasis of telephone medicine in pediatric training programs. Fosarelli PD. **Am J Dis Child** 1985 Jun; 139(6):555-7

The developmental process of residency education. Issues of stress and happiness. Rotbart HA, et al. **Am J Dis Child** 1985 Aug;139(8):762-5

A tympanocentesis learning aid. Weir MR, et al. **Am J Dis Child** 1985 Jun;139(6):553-4

Duration of residency training [editorial] Brown CG. **Am J Emerg Med** 1983 Nov;1(3):363-4

Multifaceted orientation of house staff to pharmacy operations [letter] Shane R, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1508, 1510

Ethics in epidemiologic studies [letter] **Am J Psychiatry** 1985 Apr;142(4):515-6

Should physician training centers offer formal psychiatric assistance to house officers? A report on the major findings of a prototype program. Borenstein DB. **Am J Psychiatry** 1985 Sep;142(9):1053-7

A confirmation of NIMH training objectives for consultation-liaison residents. Saravay SM, et al. **Am J Psychiatry** 1984 Nov;141(11):1437-40

Teaching psychiatry in the health maintenance organization. Van Buskirk D, et al. **Am J Psychiatry** 1985 Oct; 142(10):1181-3

The 1982 first-year resident in psychiatry. Weissman SH, et al. **Am J Psychiatry** 1984 Oct;141(10):1240-3

DSM-III in residency training: results of a national survey. Williams JB, et al. **Am J Psychiatry** 1985 Jun;142(6):755-8

Training programs in respiratory disease and training programs in pediatric respiratory disease. **Am Rev Respir Dis** 1985 Aug;132(2):437-64

A multicenter study of the epidemiology of hepatitis B in anesthesia residents. Berry AJ, et al. **Anesth Analg** 1985 Jul;64(7):672-6

Residency essentials: quantify to assure quality [editorial] Dailey RH. **Ann Emerg Med** 1985 Sep;14(9):928-9

Preventive medicine in general internal medicine residency training. Preventive Health Care Committee, Society for Research and Education in Primary Care Internal Medicine. **Ann Intern Med** 1985 Jun;102(6):859-61

Preventive medicine and residency training [letter] **Ann Intern Med** 1985 Oct;103(4):641-2

Women, men, and examination scores [letter] Bowman MA, et al. **Ann Intern Med** 1985 May;102(5):725-6

National Study of Internal Medicine Manpower: IX. Internal medicine residency and fellowship training: 1984 update. Schleiter MK, et al. **Ann Intern Med** 1985 May;102(5):681-5

The aftercare clinic as a residency training site. 'Community neuropsychiatry'. Miller MG. **Arch Gen Psychiatry** 1977 Nov;34(11):1349-52

The general medicine clinic. Making the ugly duckling fly. Girard DE, et al. **Arch Intern Med** 1984 Nov; 144(11):2217-9

Depressive symptoms in medical house officers. Effects of level of training and work rotation. Reuben DB. **Arch Intern Med** 1985 Feb;145(2):286-8

Aesthetic facial surgery in the otolaryngology training program. Thomas JR. **Arch Otolaryngol** 1985 Mar; 111(3):141

Rehabilitative rheumatology content in current rehabilitation medicine training programs. Hicks JE, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):631-3

Rheumatology training at internal medicine and family practice residency programs. Goldenberg DL, et al. **Arthritis Rheum** 1985 Apr;28(4):471-6

Twenty-five year review of training in internal medicine at a voluntary teaching hospital. Rosner F, et al. **Bull NY Acad Med** 1985 May;61(4):351-8

Residents training in the mental status examination [letter] Black FW, et al. **Can J Psychiatry** 1984 Nov;29(7):633-4

Opinions on the role of the internship in psychiatric postgraduate education. Bolton D, et al. **Can J Psychiatry** 1984 Dec;29(8):700-3

Countertransference and supervision: a discussion of some dynamics from the point of view of the supervisee. Gauthier M. **Can J Psychiatry** 1984 Oct;29(6):513-9

Dear Brutus: dealing with unresponsiveness through supervision. Greben SE. **Can J Psychiatry** 1985 Feb; 30(1):48-53

The teaching of psychotherapy in Canadian psychiatric residency programs: residents' perceptions. Pérez EL, et al. **Can J Psychiatry** 1984 Dec;29(8):658-64

Evaluating attitudes of child psychiatry residents to psychotropic medication: implications for training. Schachar RJ. **Can J Psychiatry** 1985 Aug;30(5):348-52

Combining motherhood with psychiatric training and practice. Stewart DE, et al. **Can J Psychiatry** 1985 Feb; 30(1):28-34

The patient as the focus of teaching [editorial] Brownell AK, et al. **Can Med Assoc J** 1984 Oct 15;131(8):855-7

Increasing the effectiveness of clinical supervision. Frisch SR, et al. **Can Med Assoc J** 1984 Sep 15;131(6):569-72

Graduates of foreign medical schools: false hope [letter] Lakhani ZM. **Can Med Assoc J** 1985 Sep 15;133(6):550-1

Remarks to the neurosurgical residents. Fisher CM. **Clin Neurosurg** 1983;31:54-7

Microcomputer analysis and management of residency training experiences. Quattlebaum TG. **Comput Methods Programs Biomed** 1985 Jul;20(2):169-72

ABSITE: uses and abuses. Berry RE. **Curr Surg** 1984 Sep-Oct;41(5):329-34

Misadventures in surgical residency: analysis of mistakes during training. Cohn KH. **Curr Surg** 1985 Jul-Aug; 42(4):278-85

Should program directors always be department directors? Furste W. **Curr Surg** 1984 Nov-Dec;41(6):439-42

Research at the resident level: how much and what type? Philpott GW. **Curr Surg** 1984 Nov-Dec;41(6):433-5

A microcomputerized case log for surgical residents. Smith

MV, et al. **Curr Surg** 1984 Sep-Oct;41(5):371-3
Residency accreditation standards [letter] Elliott RK. **Drug Intell Clin Pharm** 1984 Dec;18(12):997
Family practice residents' prescribing patterns. Jackson MG, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):205-9
Role adoption in residency training. Blackwell B, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):280-8
Teaching psychiatry to primary care internists. Thompson TL 2d, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):210-3
The nurse practitioner-physician team in nursing home practice. Panicucci C, et al. **Gerontol Geriatr Educ** 1984-85 Winter;5(2):55-64
Coping with an intra-institutional relocation: changes in resident and staff behavior patterns. Moos RH, et al. **Gerontologist** 1984 Oct;24(5):495-502
Paradoxes faced by residents being trained in the psychosocial treatment of people with chronic schizophrenia. Minkoff K, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):859-64
Maternity leave in residency. Herman G. **IMJ** 1984 Nov;166(5):332-3
The impact of residency training on the productivity of family physicians. Cherkin DC, et al. **Inquiry** 1984 Summer;21(2):152-60
Computer assisted instruction for radiotherapy residents. Boyer AL, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2345-9
The effect of comparison films upon resident interpretation of pediatric chest radiographs. Berbaum K, et al. **Invest Radiol** 1985 Mar-Apr;20(2):124-8
The residency selection process: chaos in a bull market [editorial] Bragg DG, et al. **Invest Radiol** 1985 Mar-Apr;20(2):119
The residency interview. Batchelor AJ. **J Am Med Wom Assoc** 1985 Mar-Apr;40(2):42, 61
Changing times for interns. Feinstein AA, et al. **J Am Osteopath Assoc** 1985 Feb;85(2):74-6
Postgraduate preventive medicine: where do we stand today. Scutchfield FD. **J Community Health** 1984 Spring;9(3):240-50
Effect of general practice residency training on providing care for the developmentally disabled. Weintraub JA, et al. **J Dent Educ** 1985 May;49(5):321-3
Behavioral pediatrics: what has it achieved and where is it going? A resident's perspective. MacMillan H. **J Dev Behav Pediatr** 1985 Apr;6(2):100-3
The impact of training in behavioral pediatrics: a study of 24 residency programs. Phillips S, et al. **J Dev Behav Pediatr** 1985 Feb;6(1):15-21
Multicenter study of family physician prescribing. Carter BL, et al. **J Fam Pract** 1984 Oct;19(4):497-501
Obstetric consultations during labor and delivery in a university-based family practice. Craig AS, et al. **J Fam Pract** 1985 May;20(5):481-5
Family awareness demonstrated by family practice residents: physician behavior and patient opinions. Crouch MA, et al. **J Fam Pract** 1985 Mar;20(3):281-4
Stress of transition from residency training to clinical practice in the military setting. David DJ, et al. **J Fam Pract** 1984 Oct;19(4):558-9
An intervention to increase mammography screening by residents in family practice. Fox S, et al. **J Fam Pract** 1985 May;20(5):467-71
Assessment of physician performance of cardiopulmonary resuscitation. Goldman SL. **J Fam Pract** 1985 Feb;20(2):173-8
Geriatric teaching in family practice residencies. Goodenough GK. **J Fam Pract** 1985 Sep;21(3):226-7
Resident and parental perceptions of adolescent problems and family communications in a low socioeconomic population. Hawley LE, et al. **J Fam Pract** 1984 Nov;19(5):651-5
Serum drug level utilization review in a family medicine residency program. Ives TJ, et al. **J Fam Pract** 1984 Oct;19(4):507-12
Improving physician compliance with preventive medicine guidelines. Mandel I, et al. **J Fam Pract** 1985 Sep;21(3):223-4
Forensic training in family practice residencies. Parlour RR, et al. **J Fam Pract** 1984 Nov;19(5):665-8
Diagnosis clusters: a new approach for reporting the diagnostic content of family practice residents' ambulatory experiences. Schneeweiss R. **J Fam Pract** 1985 May;20(5):487-92
Reliability of a survey of residency graduates in evaluating a behavioral science curriculum. Allen DL. **J Med Educ** 1985 Apr;60(4):339-41
Early detection and outpatient management of alcoholism: a curriculum for medical residents. Barnes HN, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):904-6
A comparison of initial diagnostic hypotheses of medical students and internists. Benbassat J, et al. **J Med Educ** 1984 Dec;59(12):951-6
Survey on views and knowledge of house officers on medical-legal issues. Beninger PR, et al. **J Med Educ** 1985 Jun;60(6):481-3
Assessment of interpersonal skills and humanistic qualities in medical residents. Blurton RR, et al. **J Med Educ** 1985 Aug;60(8):648-50
Availability of mental health resources for residents in academic medical centers. Borenstein DB. **J Med Educ** 1985 Jul;60(7):517-23
A course on teaching for house officers. Camp MG, et al. **J Med Educ** 1985 Feb;60(2):140-2
The characteristics of training in ambulatory medicine in U.S. residencies. Daley J, et al. **J Med Educ** 1985 May;60(5):355-66
Views of medical students and residents on education in alcohol and drug abuse. Fassler D. **J Med Educ** 1985 Jul;60(7):562-4
Results of the National Resident Matching Program for 1985. Graettinger JS. **J Med Educ** 1985 Jun;60(6):498-500
Academic clinicians without residency training programs. Greenblatt SH, et al. **J Med Educ** 1985 Aug;60(8):641-4
Impact of a residency program information videotape on resident selection interviewing as a time-saving strategy. Greene HL, et al. **J Med Educ** 1985 Apr;60(4):335-7
Skills of medical students and house officers in prescribing narcotic medications. Grossman SA, et al. **J Med Educ** 1985 Jul;60(7):552-7
Impact of medical school class ranking systems on applicants' ratings for residency positions. Gutman LT, et al. **J Med Educ** 1985 Sep;60(9):684-91
Attitudes of internal medicine residents and staff physicians toward various patient characteristics. Harris IB, et al. **J Med Educ** 1985 Mar;60(3):192-5
Sleep and nutritional deprivation and performance of house officers. Hawkins MR, et al. **J Med Educ** 1985 Jul;60(7):530-5
A simple hypnotic approach to treat test anxiety in medical students and residents. Hebert SW. **J Med Educ** 1984 Oct;59(10):841-2
Patient-generated dysphoria in house officers. Herzog DB, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):869-74
The role of the faculty adviser in a family medicine residency. Krick JP, et al. **J Med Educ** 1985 Jan;60(1):60-2
The effect of gender and training of residents on satisfaction ratings by patients. Linn LS, et al. **J Med Educ** 1984 Dec;59(12):964-6
Status and teaching ability of preceptors in a first-year clinical course. Margolis CF, et al. **J Med Educ** 1985 May;60(5):410-2
An appraisal of goals for residency training in internal medicine. Matthews DA, et al. **J Med Educ** 1985 Jul;60(7):536-44
Impact of women and foreign medical graduates on specialty distribution of U.S. house officers. Mick SS, et al. **J Med Educ** 1984 Dec;59(12):921-7
Attitudes of internists in practice toward their ambulatory care education. Mitchell WD, et al. **J Med Educ** 1985 May;60(5):415-7
Significant attitude changes among residents associated with a pediatric nurse practitioner. Pierce M, et al. **J Med Educ** 1985 Sep;60(9):712-8
Family practice and internal medicine residents' values related to future medical practices. Quirk M, et al. **J Med Educ** 1985 Feb;60(2):138-40
Stress and coping mechanisms in a group of family practice residents. Rudner HL. **J Med Educ** 1985 Jul;60(7):564-6
Reduced-schedule pediatric residency training. Schaff EA, et al. **J Med Educ** 1984 Oct;59(10):815-24
Assessment by attending physicians of a seminar method to improve clinical teaching. Skeff KM, et al. **J Med Educ** 1984 Dec;59(12):944-50
The 'preresidency syndrome': an incipient epidemic of educational disruption [editorial] Swanson AG. **J Med Educ** 1985 Mar;60(3):201-2
The residency interview [letter] Weiss ST. **J Med Educ** 1984 Oct;59(10):848
A prospective evaluation of performance during the first year of the medical residency. Weiss ST, et al. **J Med Educ** 1984 Dec;59(12):967-8
Cost of residents' decisions on actual patients and in simulated encounters. White RE, et al. **J Med Educ** 1984 Oct;59(10):833-5
Residency training in neurological surgery, 1934-1984: evolution over 50 years of trial and tribulation. The 1984 AANS presidential address. Pevehouse BC. **J Neurosurg** 1984 Dec;61(6):999-1004
Occupational medicine residency program at NIOSH [letter] Lichty PD, et al. **J Occup Med** 1984 Oct;26(10):702, 709
The role of the teaching nursing home in residency education. Walls LL, et al. **J Okla State Med Assoc** 1985 Mar;78(3):72-7
Mini-residencies--pro and con [letter] Elias AC. **J Oral Maxillofac Surg** 1985 Sep;43(9):657
Teaching pain control in the general practice residency [letter] Marlow CD. **J Oral Maxillofac Surg** 1985 Jun;43(6):401
A mini-residency program in orthognathic surgery. Trieger N, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):731-4
Experience with flexible sigmoidoscopy in a training program. Brock CD, et al. **J SC Med Assoc** 1985 Jun;81(6):327-31
Societal impact on surgical education in trauma. Lucas CE, et al. **J Trauma** 1985 Feb;25(2):154-5
Examining the internship [letter] Davis RM, et al. **JAMA** 1985 May 17;253(19):2829-30
The lasting value of clinical skills. Kern DC, et al. **JAMA** 1985 Jul 5;254(1):70-6
Threat to the development of the teaching nursing home. Libow LS, et al. **JAMA** 1985 Feb 22;253(8):1166
Nursing home patients underserved [letter] Shepard M, et al. **JAMA** 1985 Jan 18;253(3):343
Artificial eardrum for instruction in myringotomy and PE tube insertion. Neal SL, et al. **Laryngoscope** 1985 Aug;95(8):1008-9
Comparing ambulatory care practices of primary care and traditional medicine residents. Bennett SE, et al. **Med Care** 1985 Jun;23(6):816-22
Career preferences under conditions of medical unemployment. The case of interns in Mexico. Frenk J. **Med Care** 1985 Apr;23(4):320-32
Impact of supervision by medical teachers and in-patient test control programmes on the out-patient test utilization of residents. Everett GD. **Med Educ** 1985 Mar;19(2):138-42
The educational value of being a house surgeon. Gledhill T, et al. **Med Educ** 1985 Jul;19(4):305-7
Preparing Army physicians for practice: II. A transition to practice seminar. Hales RE, et al. **Milit Med** 1985 Feb;150(2):91-6
A program for pediatric intern orientation. Weir MR. **Milit Med** 1985 Feb;150(2):109-11
Moonlighting house officers [letter] **N Engl J Med** 1985 Mar 28;312(13):862-4
Medical rotations in Third World settings [letter] Barry M, et al. **N Engl J Med** 1985 Jul 11;313(2):122
A proposal for financing graduate medical education. Petersdorf RG. **N Engl J Med** 1985 May 16;312(20):1322-4
Residency programs in neurological surgery. United States and Canada. **Neurosurgery** 1985 Jul;17(1 Pt 2):135-252
Observations on the selection of neurosurgical residents. Rovit RL. **Neurosurgery** 1984 Oct;15(4):597-9
Teaching developmental pediatrics to pediatric residents: effectiveness of a structured curriculum. Bennett FC, et al. **Pediatrics** 1984 Oct;74(4):514-22
A survey of pediatric resident training programs 5 years after the Task Force report. Weinberger HL, et al. **Pediatrics** 1984 Oct;74(4):523-6
Coping with residency distress. Pfifferling JH. **Penn Med** 1984 Nov;87(11):52
A Freudian look at radiology. Daves ML. **Pharos** 1984 Spring;47(2):13-5
Further musings on medical education. Rogers DE. **Pharos** 1984 Fall;47(4):31-4
Assessment of resident physicians' knowledge of physical therapy. Stanton PE, et al. **Phys Ther** 1985 Jan;65(1):27-30
Barriers to working with impaired trainees: a resident's viewpoint. Jensen PS. **Psychiatr Q** 1983 Winter;55(4):268-71
Psychodynamic perspectives of training in child psychiatry. Meijer A. **Psychiatr Q** 1983 Winter;55(4):261-7
Consultation-liaison fellowships: effect on internists' attitudes toward psychiatric consultation. Brantley JT Jr, et al. **Psychosomatics** 1985 Jan;26(1):18-20, 25-7
A comprehensive support system for reducing house staff distress. Reuben DB, et al. **Psychosomatics** 1984 Nov;25(11):815-20
Teaching the biopsychosocial model to medical residents in an outpatient clinic. Rosenblum S, et al. **Psychosomatics** 1984 Oct;25(10):751-3, 757-9
Patients' reactions to house staff work rounds. Wise TN, et al. **Psychosomatics** 1985 Aug;26(8):669-72
Family practice residency training and the community health center. Amundson LH. **SD J Med** 1985 Jan;38(1):5-10
Risk of tuberculous infection among house staff in an urban teaching hospital. Chan JC, et al. **South Med J** 1985 Sep;78(9):1061-4
The internship year [letter] Davis RM. **South Med J** 1985 Aug;78(8):1026-7
The internship year: a study of sleep, mood states, and psychophysiologic parameters. Ford CV, et al. **South Med J** 1984 Nov;77(11):1435-42
Life after general surgery residency: subsequent practice patterns of chief residents. Martin LF, et al. **South Med J** 1984 Dec;77(12):1548-50
Learning arthroscopy. Miller WE. **South Med J** 1985 Aug;78(8):935-7
Enhancing supervision of psychotherapy. Morgan DW, et al. **South Med J** 1984 Nov;77(11):1406-9
On the use of nonphysician associate residents [editorial] White RJ. **Surg Neurol** 1985 Apr;23(4):447
Age, gender, lateral dominance, and prediction of operative skill among general surgery residents. Schueneman AL, et al. **Surgery** 1985 Sep;98(3):506-15
The rising cost of recruiting interns. Kesler RW, et al. **Va Med** 1985 Jul;112(7):450-2
Stress and coping in internal medicine residency. Cooke M. **West J Med** 1985 Apr;142(4):547-8
Diagnosis cluster frequency in a community-based family practice residency program. Comparison with large ambulatory data sets. Shear CL, et al. **West J Med** 1985 Jun;142(6):854-7
Problems experienced by residents in internal medicine training. Wolfe ES, et al. **West J Med** 1985 Apr;142(4):570-2
Stress and medical training [clinical conference] Ziegler JL, et al. **West J Med** 1985 Jun;142(6):814-9
[Is it still necessary to teach community psychiatry to the psychiatric resident?] Leblanc J. **Can J Psychiatry** 1985 Mar;30(2):107-10 (Eng. Abstr.) **(Fre)**
[Surgical aspects of open renal biopsy done by urologic residents at Tsukuba University] Yazaki T, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1005-11 (Eng. Abstr.) **(Jpn)**
[Medical residency in hospital administration] Kisil M, et al. **Educ Med Salud** 1984;18(3):288-98 (Eng. Abstr.) **(Por)**

[Professional guidance in controlled independent work of interns in obstetrics and gynecology] Miroshnichenko VP, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):77-8 **(Rus)**

[Training of interns in hygiene and epidemiology] Pavlovskiĭ MP, et al. **Gig Sanit** 1985 Feb;(2):37-40 **(Rus)**

[Development of research skills during the initial specialization period of physician-therapeutists] Smolenskiĭ VS, et al. **Klin Med (Mosk)** 1984 Dec;62(12):113-6 (Eng. Abstr.) **(Rus)**

[Method for conducting seminar classes with interns on therapeutic dentistry] Davydova LP, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):82-3 **(Rus)**

[Department and Clinic of Hospital Surgery for Interns of the 1st Pavlov Leningrad Medical Institute. An interview with Academician of the Academy of Medical Sciences of the USSR F. G. Uglov (by E. I. Zaĭtsev)] Uglov FG. **Vestn Khir** 1984 Oct;133(10):142-9 **(Rus)**

[Medical care, medical education, and the job market for physicians: internship in Mexico] Frenk J. **Educ Med Salud** 1984;18(4):329-43 (Eng. Abstr.) **(Spa)**

[Knowledge of methodology of clinical research among a group of internal medicine residents] Viniegra L, et al. **Rev Invest Clin** 1984 Oct-Dec;36(4):361-5 (Eng. Abstr.) **(Spa)**

[Report on damage to health induced by drugs and their use. Study of a group of medical students and pre-graduate medical interns] Bustamante Montes LP. **Salud Publica Mex** 1984 Nov-Dec;26(6):553-60 (Eng. Abstr.) **(Spa)**

ECONOMICS

Must we pay for medical education? Plumeri PA. **J Clin Gastroenterol** 1985 Feb;7(1):93-6

The cost and funding of family practice graduate education in the United States. Ciriacy EW, et al. **J Fam Pract** 1985 Mar;20(3):285-95

A contractual model for accountability and financial stability in a community-based family practice residency. Werblun MN. **J Fam Pract** 1985 Sep;21(3):228-30

House staff expenditures and funding in COTH member hospitals. Pfordresher K. **J Med Educ** 1985 May;60(5):422-4

Who should pay for resident education? Raffensperger JG, et al. **J Pediatr Surg** 1984 Dec;19(6):806-9

The economic environment of resident physicians. Hough DE, et al. **JAMA** 1985 Mar 22-29;253(12):1758-62

Residencies for sale? [letter] Heisler SE. **N Engl J Med** 1985 Apr 4;312(14):927

Reducing residency opportunities for graduates of foreign medical schools. Iglehart JK. **N Engl J Med** 1985 Sep 26;313(13):831-6

EDUCATION

Ambulatory care training. The myth and the reality. Schatz IJ. **Arch Intern Med** 1985 Jul;145(7):1255-6

HISTORY

Evarts Graham and surgical residency education. Butcher HR Jr. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):848-50

[Historical analysis of the pre-graduate rotating internship in Mexico] Frenk J, et al. **Gac Med Mex** 1983 Feb;119(2):87-96 **(Spa)**

LEGISLATION & JURISPRUDENCE

Caught in the crossfire: congressional action on the residency training authority. Barbour DJ. **J Public Health Policy** 1984 Dec;5(4):453-7

METHODS

[Features of conducting practical classes with pediatric department interns] Vitebskiĭ EM, et al. **Pediatriia** 1985 Jan;(1):41-3 **(Rus)**

ORGANIZATION & ADMINISTRATION

House staff pregnancy in internal medicine residencies. Greganti MA, et al. **Ann Intern Med** 1985 Jan;102(1):123-5

Preparing for the practice of internal medicine [letter] Vaughan DA. **Ann Intern Med** 1985 May;102(5):725

Reintroducing the internship: reactions of three departments of psychiatry. Thompson TL 2d, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):224-7

Flexible residency programs for women [letter] Uchiyama N. **Pediatrics** 1985 May;75(5):991-2

Family medicine: a medical care alternative for Latin America. Flores Arechiga A, et al. **Soc Sci Med** 1985;21(1):87-92

[Organization of subinternship and internship training of internists] Bezrodnykh AA, et al. **Sov Med** 1985;(4):60-4 **(Rus)**

STANDARDS

A modification in the training requirements in anesthesiology: requirements for the third clinical anesthesia year. American Board of Anesthesiology. **Anesthesiology** 1985 Feb;62(2):175-7

The future of emergency medicine residency training [letter] Frumkin K. **Ann Emerg Med** 1985 Apr;14(4):378-9

The academic future of general internal medicine [editorial] Huth EJ. **Ann Intern Med** 1985 Feb;102(2):261-3

General medical care and the education of internists in university hospitals. An evaluation of the teaching hospital general medicine group practice program. Kosecoff J, et al. **Ann Intern Med** 1985 Feb;102(2):250-7

Criteria for selecting residents: a reassessment. Ross CA, et al. **Can J Psychiatry** 1984 Dec;29(8):681-6

Tailoring family medicine residency programs to meet community needs. Department of Family Medicine, University of Ottawa. **Can Med Assoc J** 1984 Nov 15;131(10):1205-6

How to assess quality in a residency. Nealon TF Jr. **Curr Surg** 1984 Sep-Oct;41(5):339-41

Manual dexterity evaluation of surgical and subsurgical residency programs [letter] Macoul KL. **J Am Intraocul Implant Soc** 1984 Summer;10(3):360

Standards for attending staff in an emergency medicine residency program. Pointer JE, et al. **J Emerg Med** 1984;1(3):271-4

Normative and technical error in the emergency department. Rosen P, et al. **J Emerg Med** 1983;1(2):155-60

Documentation of inpatient experiences of resident physicians. Curtis P, et al. **J Med Educ** 1985 May;60(5):408-10

Assessment of knowledge and clinical judgment in the pediatric residency. Davis JK, et al. **J Med Educ** 1985 Jun;60(6):468-72

Clinical evaluation in a family medicine residency. Herman JM, et al. **J Med Educ** 1985 May;60(5):413-4

The impact of a quality assurance program on postgraduate training in internal medicine. Bouchard RE, et al. **JAMA** 1985 Feb 22;253(8):1146-50

The distress of internship. Causes and prevention. McCue JD. **N Engl J Med** 1985 Feb 14;312(7):449-52

Moonlighting house officers: the silent majority. Moss AJ. **N Engl J Med** 1984 Nov 22;311(21):1375-7

SUPPLY & DISTRIBUTION

Residency positions. Are there enough? Crowley AE. **JAMA** 1984 Dec 28;252(24):3386-9

TRENDS

A nationwide survey of behavioral pediatric residency training. Zebal BH, et al. **J Dev Behav Pediatr** 1984 Dec;5(6):331-5

A brief history of the internship. Wentz DK, et al. **JAMA** 1984 Dec 28;252(24):3390-4

Practice patterns of graduates of a North Carolina community hospital internal medicine training program. Ungaro PC, et al. **NC Med J** 1984 Oct;45(10):657-9

The development, justification and future of a community hospital internal medicine training program. Werk EE Jr. **NC Med J** 1984 Oct;45(10):630-1

[Increasing the level of practical training of interns] Golovanov IuN, et al. **Sov Zdravookhr** 1984;(11):58-62 (Eng. Abstr.) **(Rus)**

INTERNSHIP, DENTAL see **INTERNSHIP AND RESIDENCY**

INTERNSHIP, NONMEDICAL

Behaviorally anchored ranking scale versus letters of recommendation for evaluating residency candidates. Doutré WH, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2367-70

Management seminar miniseries for training pharmacy residents. Gallina JN, et al. **Am J Hosp Pharm** 1985 Feb;42(2):320-2

Industrial pharmacy residency [letter] Greco CM. **Am J Hosp Pharm** 1985 Aug;42(8):1710

Residency training: the path to professional and personal dignity. Pierpaoli PG. **Am J Hosp Pharm** 1984 Sep;41(9):1849-51

Another source of danger for psychotherapists: the supervisory introject. Lubin M. **Int J Psychoanal Psychother** 1984-85;10:25-45

A current analysis of optometric residency programs. Poorman DH. **J Am Optom Assoc** 1985 Jun;56(6):494-7

The effect of a nurse internship program on novice nurses' self-evaluation of clinical performance. Marchette L, et al. **J Nurs Adm** 1985 May;15(5):6-7

Values and therapy orientations of psychotherapy trainees: a twelve-year update. Kay SR, et al. **Psychiatr Q** 1984 Fall;56(3):198-208

Transition from residency training to academia. Misiaszek J, et al. **Psychiatr Q** 1984 Fall;56(3):209-14

The Leverhulme residency programme at the Royal Veterinary College, University of London and the faculty of veterinary science, University of Liverpool. Betts AO, et al. **Vet Rec** 1984 Oct 27;115(17):425

ECONOMICS

A time study of staff and student activities in a level II fieldwork program. Burkhardt BF. **Am J Occup Ther** 1985 Jan;39(1):35-40

STANDARDS

Performance-based pharmacy internship program. Wunderley DJ. **Am J Hosp Pharm** 1984 Nov;41(11):2371-3

INTERPERSONAL RELATIONS

The availability of confiding persons for depressed patients. Eisemann M. **Acta Psychiatr Scand** 1984 Aug;70(2):166-9

Contact difficulties and experience of loneliness in depressed patients and non-psychiatric controls. Eisemann M. **Acta Psychiatr Scand** 1984 Aug;70(2):160-5

Partnership problems as causes of endogenous and neurotic depressions. Matussek P, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):95-104

Early interpersonal relations: experience of four treatment methods in phobic women. Persson G. **Acta Psychiatr Scand** 1984 Aug;70(2):111-8

Alcohol and aggression in a group interaction. Murdoch D, et al. **Addict Behav** 1985;10(1):97-101

The Wall Gang: a study of interpersonal process and deviance among twenty-three middle-class youths. Lowney J. **Adolescence** 1984 Fall;19(75):527-38

Rational-emotive therapy and the reduction of interpersonal anxiety in junior high school students. Warren R, et al. **Adolescence** 1984 Winter;19(76):893-902

Empirical analysis of a card game designed to promote consumer-related social competence among hearing-impaired youth. Schloss PJ, et al. **Am Ann Deaf** 1984 Nov;129(5):417-23

The 'sympathetic ear': case reports of a self-hypnotic approach to chronic pain. Fogel BS. **Am J Clin Hypn** 1984 Oct;27(2):103-6

Psychosocial correlates of depression in mentally retarded adults: II. Poor social skills. Benson BA, et al. **Am J Ment Defic** 1985 May;89(6):657-9

Interactions between severely mentally retarded students and other students in integrated and segregated public school settings. Brinker RP. **Am J Ment Defic** 1985 May;89(6):587-94

Gerontic occupational therapy--psychological and social predictors of participation and therapeutic benefits. Arnetz BB. **Am J Occup Ther** 1985 Jul;39(7):460-5

The effectiveness of verbal versus activity groups in improving self-perceptions of interpersonal communication skills. DeCarlo JJ, et al. **Am J Occup Ther** 1985 Jan;39(1):20-7

Peer-mediated approaches to promoting children's social interaction: a review. Odom SL, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):544-57 (47 ref.)

The impact of depression in old age on close social relationships. Murphy E. **Am J Psychiatry** 1985 Mar;142(3):323-7

Themes of mistrust and the posttraumatic stress disorder in Vietnam veterans. Glover H. **Am J Psychother** 1984 Jul;38(3):445-52

Sex-role attributes, gender, and postpartal perceptions of the marital relationship. Lenz ER, et al. **ANS** 1985 Apr;7(3):49-62

Influence of self-monitoring on heterosexual conversational behaviors of head trauma youth. Schloss PJ, et al. **Appl Res Ment Retard** 1985;6(3):269-82

Genital herpes. A pervasive psychosocial disorder. Luby ED, et al. **Arch Dermatol** 1985 Apr;121(4):494-7

Psychosocial functioning in prepubertal major depressive disorders. I. Interpersonal relationships during the depressive episode. Puig-Antich J, et al. **Arch Gen Psychiatry** 1985 May;42(5):500-7

Psychosocial functioning in prepubertal major depressive disorders. II. Interpersonal relationships after sustained recovery from affective episode. Puig-Antich J, et al. **Arch Gen Psychiatry** 1985 May;42(5):511-7

Psychosocial factors affecting simulated and actual space missions. Kanas N. **Aviat Space Environ Med** 1985 Aug;56(8):806-11

Reactions to assertive versus nonassertive behavior. Females in commendatory and refusal situations. Levin RB, et al. **Behav Modif** 1984 Oct;8(4):581-92

Physiological, cognitive and behavioral aspects of social anxiety. Beidel DC, et al. **Behav Res Ther** 1985;23(2):109-17

Midi-level measurement of social anxiety in psychiatric and non-psychiatric samples. Monti PM, et al. **Behav Res Ther** 1984;22(6):651-60

Social skills training with mentally handicapped people: a review. Robertson I, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):241-64 (53 ref.)

Sexual dysfunction and interpersonal stress: the significance of the presenting complaint in seeking and engaging help. Clulow C. **Br J Med Psychol** 1984 Dec;57 (Pt 4):371-80

Psychological adjustment and the facilitative nature of close personal relationships. Cramer D. **Br J Med Psychol** 1985 Jun;58 (Pt 2):165-8

Overdoses: explanations and attitudes in self-poisoners and significant others. James D, et al. **Br J Psychiatry** 1985 May;146:481-5

The effects of distance between interactants and subject anxiety on conjugate lateral eye movements. Lenhart RE. **Brain Cogn** 1985 Jul;4(3):328-37

The re-establishment of trust through psychotherapy [letter] Millar TP. **Can J Psychiatry** 1984 Dec;29(8):720-3

The involuntary house husband: recipe for disaster? Penfold PS. **Can Med Assoc J** 1985 Aug 15;133(4):275-8

Interpersonal linkage among Hodgkin's disease patients and controls in Western Australia. Matthews ML, et al. **Cancer** 1984 Dec 1;54(11):2571-9

Coordinating attention to people and objects in mother-infant and peer-infant interaction. Bakeman R, et al.

Child Dev 1984 Aug;55(4):1278-89

The cultural context of gender segregation in children's peer groups. Harkness S, et al. **Child Dev** 1985 Feb;56(1):219-24

Bridging the gap: parent-child play interaction and peer interactive competence. MacDonald K, et al. **Child Dev** 1984 Aug;55(4):1265-77

Social cognition and competence in middle childhood. Pellegrini DS. **Child Dev** 1985 Feb;56(1):253-64

The corrective autistic experience: an application of the models of Tinbergen and Mahler. Kramer DA, et al. **Child Psychiatry Hum Dev** 1984 Winter;15(2):104-20

Friends can be good medicine: an excursion into mental health promotion. Taylor RL, et al. **Community Ment Health J** 1984 Winter;20(4):294-303

Relationships of mood and interpersonal perceptions. Janowsky DS, et al. **Compr Psychiatry** 1984 Nov-Dec; 25(6):546-51

The heart patient after hospitalization: social and psychological factors in life after a heart attack. Croog SH. **Conn Med** 1984 Oct;48(10):633-7

Social skills and self-efficacy for exceptional children. Gresham FM. **Except Child** 1984 Nov;51(3):253-61

An analysis of conversations among handicapped students and a nonhandicapped peer. Nisbet J, et al. **Except Child** 1984 Oct;51(2):156-62

Social interaction as related to language acquisition: an annotated bibliography. Proctor A. **Folia Phoniatr (Basel)** 1985;37(2):87-104

Interpersonal communication and aging: components for an instructional unit. Webb L. **Gerontol Geriatr Educ** 1984-85 Winter;5(2):25-35

Reciprocity as a coping strategy of the elderly: a rural Irish perspective. James A, et al. **Gerontologist** 1984 Oct; 24(5):483-9

The development of an intergenerational service-learning program at a nursing home. Newman S, et al. **Gerontologist** 1985 Apr;25(2):130-3

Nursing home friendships. Retsinas J, et al. **Gerontologist** 1985 Aug;25(4):376-81

Social networks and social support: implications for health education. Introduction. Israel BA, et al. **Health Educ Q** 1985 Spring;12(1):1-4

Action, intention, and intersubjectivity. Chapman M. **Hum Dev** 1984;27(3-4):139-44

The social basis of intentional action. Meacham JA. **Hum Dev** 1984;27(3-4):119-24

Single mind and social mind. Youniss J. **Hum Dev** 1984; 27(3-4):133-5

Symbolic interaction theory: a perspective on drug abuse and its treatment. Battjes RJ. **Int J Addict** 1984 Sep; 19(6):675-88

Grandparents, grandchildren, and the Kondratieff: thoughts on 'period effects' in intergenerational analyses. Kearl MC, et al. **Int J Aging Hum Dev** 1984;19(4):257-65

Intimacy: factors affecting its development among members of a home for the aged. Noelker LS, et al. **Int J Aging Hum Dev** 1984;19(3):177-90

Interaction of physio-medical and psychosocial variables in age-related functional impairments. Powell DA, et al. **Int J Aging Hum Dev** 1984;19(3):235-52

Projective measurement of adult peer relations as a function of chronological age. Richardson V. **Int J Aging Hum Dev** 1984-85;19(1):11-23

Friendship patterns among older women. Roberto KA, et al. **Int J Aging Hum Dev** 1984-85;19(1):1-10

Hypnotic age regression and the importance of assessing interpersonally relevant affect. Nash MR, et al. **Int J Clin Exp Hypn** 1985 Jul;33(3):224-35

Social support network of Taiwanese cancer patients. Lindsey AM, et al. **Int J Nurs Stud** 1985;22(2):149-64

Myths and stereotypes in minority groups. Rendon M. **Int J Soc Psychiatry** 1984 Winter;30(4):297-309

Indiscriminate mothering as a contextual factor in aggressive-oppositional child behavior: 'damned if you do and damned if you don't'. Dumas JE, et al. **J Abnorm Child Psychol** 1985 Mar;13(1):1-17

Peer relationships in ADDH and normal children: a developmental analysis of peer and teacher ratings. Johnston C, et al. **J Abnorm Child Psychol** 1985 Mar; 13(1):89-100

The initial social encounters of high and low social effectiveness school-aged children. Newcomb AF, et al. **J Abnorm Child Psychol** 1985 Mar;13(1):45-58

Interrelationships between temperament characteristics and first-grade teacher-student interactions. Paget KD, et al. **J Abnorm Child Psychol** 1984 Dec;12(4):547-59

Interpersonal competence among college men hypothesized to be at risk for schizophrenia. Beckfield DF. **J Abnorm Psychol** 1985 Aug;94(3):397-404

Vietnam combat veterans with posttraumatic stress disorder: analysis of marital and cohabitating adjustment. Carroll EM, et al. **J Abnorm Psychol** 1985 Aug;94(3):329-37

Studying depressed persons' interactions with strangers and spouses. Coyne JC. **J Abnorm Psychol** 1985 May; 94(2):231-2

Type III error in research on interpersonal models of depression. Doerfler LA, et al. **J Abnorm Psychol** 1985 May;94(2):227-30

Social networks and developmental psychopathology: a comparison of adolescent children of a depressed, arthritic, or normal parent. Hirsch BJ, et al. **J Abnorm Psychol** 1985 Aug;94(3):272-81

Depression and the response of others: a re-evaluation. King DA, et al. **J Abnorm Psychol** 1984 Nov;93(4):477-80

Relationships during adolescence: a cross-national comparison of New Zealand and United States teenagers. Kroger J. **J Adolesc** 1985 Mar;8(1):47-56

The role of communication in nursing--perceptual variations in student/teacher responses in Northern Ireland. Eastwood CM. **J Adv Nurs** 1985 May;10(3):245-50

'The hidden society': the practical use of multi-dimensional scaling to illuminate the pattern of relationships between long-stay psychiatric residents. Harries C, et al. **J Adv Nurs** 1984 Nov;9(6):619-25

An analysis of the concept of trust. Meize-Grochowski R. **J Adv Nurs** 1984 Nov;9(6):563-72

Assessment of infant-caregiver interaction using cardiac, respiratory, and behavioral monitoring: conceptual and technical issues in a new methodology. Miller BD, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):286-97

The role of the mirror in human suffering and in intimacy. Goldberg C. **J Am Acad Psychoanal** 1984 Oct;12(4):511-28

Intimacy, autonomy and gender: developmental differences and their reflection in adult relationships. Levenson R. **J Am Acad Psychoanal** 1984 Oct;12(4):529-44

Teaching social/vocational skills to retarded adults with a modified table game: an analysis of generalization. Foxx RM, et al. **J Appl Behav Anal** 1984 Fall;17(3):343-52

Effects of feedback and self-monitoring on head trauma youths' conversation skills. Gajar A, et al. **J Appl Behav Anal** 1984 Fall;17(3):353-8

Increasing handicapped preschoolers' peer social interactions: cross-setting and component analysis. Odom SL, et al. **J Appl Behav Anal** 1985 Spring;18(1):3-16

Training mildly handicapped peers to facilitate changes in the social interaction skills of autistic children. Shafer MS, et al. **J Appl Behav Anal** 1984 Winter;17(4):461-76

Conversational skills for autistic adolescents: teaching assertiveness in naturalistic game settings. McGee GG, et al. **J Autism Dev Disord** 1984 Sep;14(3):319-30

Social skills training and endogenous depression. Thase ME, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):101-8

Poor peer interactions and social isolation: a case report of successful in vivo social skills training on a child psychiatric inpatient unit. Van Hasselt VB, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):271-6

An evaluation of interpersonal cognitive problem solving training with children. Pellegrini DS, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):17-41 (75 ref.)

Interactions of language-delayed and normal preschool boys with their peers. Siegel LS, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):77-83

Situational influences on social behaviors of depression-prone individuals. Meyer BE, et al. **J Clin Psychol** 1985 Jan; 41(1):29-35

Depression and the wish to be held. Stein N, et al. **J Clin Psychol** 1985 Jan;41(1):3-9

Social determinants of alcohol consumption: the effects of social interaction and model status on the self-administration of alcohol. Collins RL, et al. **J Consult Clin Psychol** 1985 Apr;53(2):189-200

A multiple-choice test to measure social skills in delinquent and nondelinquent adolescent girls. Gaffney LR. **J Consult Clin Psychol** 1984 Oct;52(5):911-2

Heterosexual social skills in a population of rapists and child molesters. Segal ZV, et al. **J Consult Clin Psychol** 1985 Feb;53(1):55-63

Being alone versus being with people: disengagement in the daily experience of older adults. Larson R, et al. **J Gerontol** 1985 May;40(3):375-81

Adolescents' relationships with grandparents: an empirical contribution to conceptual clarification. Matthews SH, et al. **J Gerontol** 1985 Sep;40(5):621-6

A symbolic interactionist view of psychosis. Rosenberg M. **J Health Soc Behav** 1984 Sep;25(3):289-302

Assessment of interpersonal skills and humanistic qualities in medical residents. Blurton RR, et al. **J Med Educ** 1985 Aug;60(8):648-50

'So you've never had a mentor ... not to worry'. Darling LA. **J Nurs Adm** 1984 Dec;14(12):38-9

'Mentors' and 'mentoring'. Darling LA. **J Nurs Adm** 1985 Mar;15(3):42-3

A comprehensive interpersonal skills program for nurses. Anderson M, et al. **J Nurs Educ** 1984 Oct;23(8):353-5

Designing learning to increase competency in interpersonal communication skills. Menikheim ML, et al. **J Nurs Educ** 1985 May;24(5):216-8

Social factors associated with adolescent obesity. Baum CG, et al. **J Pediatr Psychol** 1984 Sep;9(3):293-302

Record keeping in two types of relationships. Clark MS. **J Pers Soc Psychol** 1984 Sep;47(3):549-57

Person x situation interactions: choice of situations and congruence response models. Diener E, et al. **J Pers Soc Psychol** 1984 Sep;47(3):580-92

The effects of private self-consciousness and perspective taking on satisfaction in close relationships. Franzoi SL, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1584-94

A longitudinal study of friendship development. Hays RB. **J Pers Soc Psychol** 1985 Apr;48(4):909-24

Expression of interpersonal aggression by angered and nonangered persons with the type A and type B behavior patterns. Holmes DS, et al. **J Pers Soc Psychol** 1985 Mar; 48(3):723-7

Jealousy: loss of relationship rewards, loss of self-esteem, depression, anxiety, and anger. Mathes EW, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1552-61

On specificity in the impact of social participation on physical and psychological health. Reis HT, et al. **J Pers Soc Psychol** 1985 Feb;48(2):456-71

Interpersonal phenomenology as a function of sexual orientation, sex, sentiment, and trait categories in long-term dyadic relationships. Schullo SA, et al. **J Pers Soc Psychol** 1984 Nov;47(5):983-1002

On the self-serving function of social anxiety: shyness as a self-handicapping strategy. Snyder CR, et al. **J Pers Soc Psychol** 1985 Apr;48(4):970-80

Interpersonal aggression and the type A coronary-prone behavior pattern: a theoretical distinction and practical implications. Strube MJ, et al. **J Pers Soc Psychol** 1984 Oct;47(4):839-47

When are social judgments made? Evidence for the spontaneousness of trait inferences. Winter L, et al. **J Pers Soc Psychol** 1984 Aug;47(2):237-52

Mainstreaming hearing-impaired students: the effect of effort in communicating on cooperation and interpersonal attraction. Johnson DW, et al. **J Psychol** 1985 Jan; 119(1):31-44

Exploring peer relationships. Crockett MS. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):18-25

Supervising clinical practice in psychosocial nursing. Hughes CM. **J Psychosoc Nurs Ment Health Serv** 1985 Feb; 23(2):27-32

Lesbians in therapy. Morrison EG. **J Psychosoc Nurs Ment Health Serv** 1984 Aug;22(8):18-22

Counselling marital stress and breakdown. Drury R. **J R Soc Health** 1984 Oct;104(5):167-70

Behavioral cohabitation: increasing satisfaction among nonmarried dyads? Bornstein PH, et al. **J Sex Marital Ther** 1985 Summer;11(2):113-20

Treatment of sexual dysfunctions in male-only groups: predicting outcome. Dekker J, et al. **J Sex Marital Ther** 1985 Summer;11(2):80-90

An internal dimensional analysis of the least preferred co-worker measure. Hoffman E. **J Soc Psychol** 1984 Jun; 123(1ST Half):35-42

The effects of intergroup cooperation and intergroup competition on ingroup and outgroup cross-handicap relationships. Johnson DW, et al. **J Soc Psychol** 1984 Oct; 124(1ST Half):85-94

Development of topic manipulation skills in discourse. Brinton B, et al. **J Speech Hear Res** 1984 Sep;27(3):350-8

Interactive basis of severely handicapped and normal children's acquisition of referential language. Koenig MA, et al. **J Speech Hear Res** 1984 Dec;27(4):534-42

Children's speech revisions for a familiar and an unfamiliar adult. Tomasello M, et al. **J Speech Hear Res** 1984 Sep; 27(3):359-63

The citadel within. The teacher in the student-teacher relationship. Hutchison R. **Med J Aust** 1985 Jan 7; 142(1):37-8

Child abuse: a bidirectional phenomenon. Sachdev P. **Med Law** 1984;3(4):363-76 (102 ref.)

Psychosocial correlates of survival in advanced malignant disease? Cassileth BR, et al. **N Engl J Med** 1985 Jun 13; 312(24):1551-5

Flies in the ointment. An ethical perspective on dual relationships in psychosocial nursing education. Ivan M, et al. **Nurs Outlook** 1985 Jan-Feb;33(1):9-10, 47

Effects of social influences and waiting on time judgment. Ahmadi KS. **Percept Mot Skills** 1984 Dec;59(3):771-6

Observers' reaction to touchers. Hewitt J, et al. **Percept Mot Skills** 1985 Apr;60(2):452-4

Intimacy and depression in older women. Essex MJ, et al. **Psychiatry** 1985 May;48(2):159-78

Narcissistic friendships. Hymer SM. **Psychoanal Rev** 1984 Nov;71(3):423-39

The development of a short observation method for the study of the activity and contacts of old people in residential settings. Macdonald AJ, et al. **Psychol Med** 1985 Feb; 15(1):167-72

Measurement of intimacy: conceptual and methodological issues of studying close relationships. Waring EM. **Psychol Med** 1985 Feb;15(1):9-14

Children's problems in peer relations and severity of behavior disorders. Hill KA. **Psychol Rep** 1984 Dec;55(3):725-6

Sociocultural and interactional influences on somatization. Brodsky CM. **Psychosomatics** 1984 Sep;25(9):673-80

How environments and persons combine to influence problem drinking. Current research issues. Braucht GN. **Recent Dev Alcohol** 1983;1:79-103 (64 ref.)

A narrative account of contacts with two study subjects. Bonwitt L. **Schizophr Bull** 1985;11(1):129-37

Clinical observation of high-risk children. Nagler S, et al. **Schizophr Bull** 1985;11(1):107-11

Socialization and interpersonal environment in nurses' affective reactions to work. Decker FH. **Soc Sci Med** 1985; 20(5):499-509

Social networks and psychosocial support among disabled people. Morgan M, et al. **Soc Sci Med** 1984;19(5):489-97

The embodiment of social relations in coronary heart disease. Radley AR. **Soc Sci Med** 1984;19(11):1227-34

Social bonds in a healthy elderly sample: characteristics and associated variables. Thomas PD, et al. **Soc Sci Med** 1985; 20(4):365-9

The buccra-massa and the little man's broker in a Jamaican sugartown: implications for community health education.

Whitehead TL. **Soc Sci Med** 1984;19(5):561-72

Suicidal women and their relationships with husbands, boyfriends, and lovers. Stephens BJ. **Suicide Life Threat Behav** 1985 Summer;15(2):77-90

[Dimensions of themes and times in dialogues] Plzák M. **Cesk Psychiatr** 1984 Aug;80(4):263-5 (Eng. Abstr.) **(Cze)**

[Problems of work activity, social contact and outside interests of persons 60-years-old and older with emphasis on single persons] Vožehová S. **Cesk Zdrav** 1984 Jul; 32(6-7):294-300 (Eng. Abstr.) **(Cze)**

[The work and social activity of persons over 70 years of age living alone in the Eastern Bohemia Region] Truhlářová J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):433-40 (Eng. Abstr.) **(Cze)**

[Home examination of 5-week-old infants. Cooperation between doctors and health visitors] Fabricius-Bjerre N, et al. **Ugeskr Laeger** 1985 May 20;147(21):1724-6 (Eng. Abstr.) **(Dan)**

[Direct observation of early interactions or the basis of interactional epigenesis] Cosnier J. **Psychiatr Enfant** 1984; 27(1):107-26 **(Fre)**

[Attitude change in females and males in relation to the discussion style of the partner in a discussion] Kirchler E. **Arch Psychol (Frankf)** 1984;136(3):167-80 (Eng. Abstr.) **(Ger)**

[Social integration and contacts to reference persons of the normal social environment in inpatient treatment in the psychiatric hospital. A prospective catamnestic study of patients admitted for the first time with schizophrenic and cyclothymic psychoses] Böcker FM. **Eur Arch Psychiatry Neurol Sci** 1984;234(4):250-7 (Eng. Abstr.) **(Ger)**

[Significance of bonding and separation in the development of disease] Csef H, et al. **Nervenarzt** 1985 May;56(5):245-51 **(Ger)**

[Self and other perception of parents with a psychosomatically ill child in the Giessen Test] Seebach-Herberth J, et al. **Prax Kinderpsychol Kinderpsychiatr (Beih)** 1985;26:187-208 **(Ger)**

[The handicapped and non-handicapped in a leisure time group] Jauch S. **Rehabilitation (Stuttg)** 1984 Aug; 23(3):124-7 (Eng. Abstr.) **(Ger)**

[Trust-promoting variables in child-adult interaction] Esser M, et al. **Z Klin Psychol Psychopathol Psychother** 1985; 33(1):20-9 (Eng. Abstr.) **(Ger)**

[A category system for the analysis of verbal interactions of couples with a depressive partner] Hautzinger M, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):159-68 **(Ger)**

[Evaluation of social activity in aging using the Leningrad Assessment Scale] Pöthig D, et al. **ZFA** 1985 Jan-Feb; 40(1):57-63 (Eng. Abstr.) **(Ger)**

[Study on the dyadic dynamics of 2 monozygotic twins discordant with respect to schizophrenic symptomatology] Torre LV, et al. **Minerva Psichiatr** 1984 Oct-Dec; 25(4):233-40 (Eng. Abstr.) **(Ita)**

[An experiential learning course on teaching humanistic skills to medical students--effect on empathy and regard for others] Ikemi A, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):265-71 (Eng. Abstr.) **(Jpn)**

[Features of perception of interpersonal relations by schizophrenic patients] Khlomov DN. **Zh Nevropatol Psikhiatr** 1984;84(12):1810-5 (Eng. Abstr.) **(Rus)**

[Interpersonal relations in groups of mentally ill and mentally healthy children] Rogovin MS, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):751-5 (Eng. Abstr.) **(Rus)**

INTERPHASE

DNA and S-phase representation in human growth hormone producing pituitary adenomas. Hulting AL, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):295-303

Rapid detection of S-phase cells by anti-bromodeoxyuridine monoclonal antibody in 9L brain tumor cells in vitro and in situ. Nagashima T, et al. **Acta Neuropathol (Berl)** 1985; 66(1):12-7

Immunocytochemical demonstration of S-phase cells by anti-bromodeoxyuridine monoclonal antibody in human brain tumor tissues. Nagashima T, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):155-9

Indications of centromere movement during interphase and differentiation. Manuelidis L. **Ann NY Acad Sci** 1985; 450:205-21

Persistence of SCE-inducing lesions after G0 exposure of human lymphocytes to differing classes of DNA-damaging chemicals. Littlefield LG, et al. **Basic Life Sci** 1984;29 Pt B:663-76

Degree of conservation of HeLa interphase nonhistone antigens in metaphase and with chromatin from non-human cells. Adolph KW. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):275-81

G1- and S-phase syntheses of histones H1 and H1o in mitotically selected CHO cells: utilization of high-performance liquid chromatography. D'Anna JA, et al. **Biochemistry** 1985 Apr 9;24(8):2005-10

Expression of histone genes in a G1-specific temperature-sensitive mutant of the cell cycle. Hirschhorn RR, et al. **Biochemistry** 1984 Jul 31;23(16):3731-5

Comparison of metaphase and interphase nucleolar activity in Hela-CCL2 cells and PHA-stimulated human lymphocytes. Van der Elst J, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):209-23

Analysis of transferrin recycling in mitotic and interphase HeLa cells by quantitative fluorescence microscopy. Sager PR, et al. **Cell** 1984 Dec;39(2 Pt 1):275-82

The transition point for protein synthesis in late S-G2 may be delayed by genome bromosubstitution without affecting the time of entry into mitosis. González-Fernández A, et al. **Cell Biol Int Rep** 1985 Mar;9(3):237-43

Commitment events in early G1 requirement for the synthesis of dolichol dependent glycoproteins. Larsson O. **Cell Biol Int Rep** 1985 Jul;9(7):627-36

Differences in the response of non-dividing human diploid fibroblasts (HDF) to inducers of DNA synthesis generated by cycling HDF and HeLa cells. Rao MV. **Cell Biol Int Rep** 1985 May;9(5):419-27

Intracellular and secreted proteins of density-inhibited, serum-arrested and proliferating mouse embryo cells. Subramaniam M, et al. **Cell Biol Int Rep** 1985 Jan;9(1):51-60

DNA synthesis rate changes during the S phase in mouse epidermis. Clausen OP, et al. **Cell Tissue Kinet** 1985 Jul; 18(4):445-55

Nucleolus and large nucleolar aggregates of condensed chromatin in interphase nuclei of L 929 cells. Pouchelet M, et al. **Cell Tissue Res** 1984;238(1):37-41

Uninterrupted DNA synthesis during S-phase in untransformed diploid hamster fibroblasts. Cawood AH, et al. **Chromosoma** 1985;91(2):164-6

Description of a chromosome replication unit in individual prematurely condensed human S-phase chromosomes. Hameister H, et al. **Chromosoma** 1984;90(5):389-93

Calculation of S-phase numbers of four major cell categories in human bone marrow from DNA-flow cytometry and counterflow centrifugation data. Beumer T, et al. **Cytometry** 1984 Sep;5(5):494-500

The G0 in equilibrium G1 transitions of human lymphocytes as monitored by quantitative 14C-uridine autoradiography and high-resolution image analysis. Giaretti W, et al. **Cytometry** 1985 May;6(3):219-25

Resting and activation antigens of T cells: studies with OKT10 and OKT20 monoclonal antibodies. Mittler RS, et al. **Diagn Immunol** 1983;1(3):120-8

Newly-initiated DNA isolated from Physarum in early S phase consists of nascent-nascent duplexes. Aelen JM, et al. **Exp Cell Res** 1984 Oct;154(2):394-401

PSL, an S phase-related p55 nuclear antigen, associates transiently with chromatin. Barque JP, et al. **Exp Cell Res** 1985 Mar;157(1):8-14

Early initiation of DNA synthesis in G1 phase HeLa cells following fusion with red cell ghosts loaded with S-phase cell extracts. Brown DB, et al. **Exp Cell Res** 1985 Jan; 156(1):251-9

Cell division cycle in mammalian cells. VIII. Mapping of G1 into six segments using temperature-sensitive cell cycle mutants. Chen DJ, et al. **Exp Cell Res** 1984 Dec; 155(2):549-56

Replication of non-repetitive DNA during early, middle and late S phase. The general class and the subset transcribed. Grady LJ, et al. **Exp Cell Res** 1985 Jun;158(2):333-41

Activities of cAMP-dependent protein kinase and enzymes of 2',5'-oligoadenylate metabolism in NIH 3T3 cells deepening into the resting state. Itkes AV, et al. **Exp Cell Res** 1985 Apr;157(2):335-42

Control in previous and present generations of preparation for entry into S phase and the relationship to resting state in 3Y1 rat fibroblastic cells. Okuda A, et al. **Exp Cell Res** 1984 Nov;155(1):24-32

High diadenosine tetraphosphate (Ap4A) level at initiation of S phase in the naturally synchronous mitotic cycle of Physarum polycephalum. Weinmann-Dorsch C, et al. **Exp Cell Res** 1984 Nov;155(1):171-7

Changes in the nuclear distribution of cyclin (PCNA) during S-phase are not triggered by post-translational modifications that are expected to moderately affect its charge. Bravo R, et al. **FEBS Lett** 1985 Mar 25; 182(2):435-40

Isolation of aneuploid-generating mutants of Aspergillus nidulans, one of which is defective in interphase of the cell cycle. Upshall A, et al. **Genetics** 1984 Sep;108(1):107-21

Simultaneous high resolution localization of Ag-NOR proteins and nucleoproteins in interphasic and mitotic nuclei. Ploton D, et al. **Histochem J** 1984 Aug; 16(8):897-906

New data on the in-situ position of the inactive X chromosome in the interphase nucleus of human fibroblasts. Bourgeois CA, et al. **Hum Genet** 1985;69(2):122-9

DNA strand break rejoining in human lymphocytes during the S phase. Catena C, et al. **Int J Radiat Biol** 1985 May; 47(5):489-96

Protein synthesis during transition and stationary phases under glucose limitation in Saccharomyces cerevisiae. Boucherie H. **J Bacteriol** 1985 Jan;161(1):385-92

Diverse mitogenic agents induce rapid phosphorylation of a common set of cellular proteins at tyrosine in quiescent mammalian cells. Kohno M. **J Biol Chem** 1985 Feb 10; 260(3):1771-9

Phosphorylation of the nuclear lamins during interphase and mitosis. Ottaviano Y, et al. **J Biol Chem** 1985 Jan 10; 260(1):624-32

Synthesis of unique low molecular weight proteins during late G2 and mitosis. Westwood JT, et al. **J Biol Chem** 1985 Jan 25;260(2):695-8

An immunological approach to enrich a mitotic stimulator and to reveal G2-phase-specific proteins in Physarum polycephalum. Gröbner P, et al. **J Cell Biol** 1985 Jun; 100(6):1930-3

Early synthesis of specific cytoplasm proteins is correlated with the rate of exit of lymphocytes from the resting state. Hall DJ, et al. **J Cell Biol** 1984 Nov;99(5):1814-21

Structural organization of interphase 3T3 fibroblasts studied by total internal reflection fluorescence microscopy. Lanni F, et al. **J Cell Biol** 1985 Apr;100(4):1091-102

Glycosaminoglycan synthesis is depressed during mitosis and elevated during early G1. Preston SF, et al. **J Cell Biol** 1985 Sep;101(3):1086-93

Abortive transformation of temperature-sensitive mutants of rat 3Y1 cells by simian virus 40: effect of cellular arrest states on entry into S phase and cellular proliferation. Mitsudomi T, et al. **J Cell Physiol** 1985 Jun;123(3):353-60

In situ arrangement of nor-bearing chromosomes in the interphase nucleus of Aotus trivirgatus. Bourgeois CA, et al. **J Cell Sci** 1984 Jul;69:107-15

Nuclear pores and interphase chromatin: high-resolution image analysis and freeze etching. Nicolini C, et al. **J Cell Sci** 1984 Dec;72:75-87

Interphase nuclear matrix and metaphase scaffolding structures. Lewis CD, et al. **J Cell Sci [Suppl]** 1984;1:103-22

Cell cycle position and expression of encephalomyocarditis virus in mouse embryo fibroblasts. Mallucci L, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1501-6

Distribution of calcium during interphase and mitosis as observed by ion microscopy. Chandra S, et al. **J Histochem Cytochem** 1984 Nov;32(11):1224-30

Separate control of B lymphocyte early activation and proliferation in response to anti-IgM antibodies. DeFranco AL, et al. **J Immunol** 1985 Jul;135(1):87-94

Molecular events in B cell activation. I. Signals required to stimulate G0 to G1 transition of resting B lymphocytes. Monroe JG, et al. **J Immunol** 1985 Sep;135(3):1674-82

Subdivision of S-phase and its use for comparative purposes in cultured human cells. Savage JR, et al. **J Theor Biol** 1984 Nov 21;111(2):355-67

Morphometric study of the interphase nucleus in some radiosensitive and radioresistant mammalian cells. Suciu D. **J Theor Biol** 1985 Apr 21;113(4):599-609

Small and middle T antigens contribute to lytic and abortive polyomavirus infection. Türler H, et al. **J Virol** 1985 Feb; 53(2):579-86

Cyclic AMP, nuclear protein kinase and the PY815 cell cycle. Goulding M, et al. **Mol Cell Biochem** 1985 May;67(1):31-8

X-ray induction of 6-thioguanine-resistant mutants in division arrested, G0/G1 phase Chinese hamster ovary cells. O'Neill JP, et al. **Mutat Res** 1985 Jun-Jul; 150(1-2):443-50

Inter- and intra-chromosomal distribution of chromatid breaks induced by X-rays during G2 in human lymphocytes. Pelliccia F, et al. **Mutat Res** 1985 Jun-Jul; 150(1-2):293-8

Kinetic analysis of regulatory events in G1 leading to proliferation or quiescence of Swiss 3T3 cells. Zetterberg A, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5365-9

Molecular biology of cell division. Hirschhorn RR, et al. **Symp Fundam Cancer Res** 1984;37:1-10

Chromosome condensation and decondensation factors in the life cycle of eukaryotic cells. Rao PN, et al. **Symp Fundam Cancer Res** 1984;37:45-69

[Animal cell cycle--G0 state] Ide T. **Seikagaku** 1985 Apr; 57(4):255-95 (218 ref.) **(Jpn)**

[Interphase chromatin of the peripheral blood cells of patients with a chronic form of myeloid leukemia (Ph+)] Iudina IE, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):589-91 (Eng. Abstr.) **(Rus)**

[Cytophotometric analysis of the chromatin structural conformity in interphase nuclei detected in UV light and by gallocyanine staining] Zhukotskiĭ AV, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):726-7 (Eng. Abstr.) **(Rus)**

[Genetic transformation of mouse cells by interphase nuclei enclosed in a lipid membrane] Sukoian MA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1445-8 **(Rus)**

[Appearance of single-stranded regions in DNA molecules in the G1 stage and the formation od structural mutations] Kondrashova TV, et al. **Genetika** 1985 Apr;21(4):517-21 (Eng. Abstr.) **(Rus)**

[Calculation of Steel's cell loss factor and of the parameters of cellular kinetics for a population with an exponential growth of the cell number and cell death at G0 phase with a probability equal to 1] Gushchin VA. **Tsitologiia** 1984 Jul;26(7):838-45 (Eng. Abstr.) **(Rus)**

[Calculation of Steel's cell loss factor and cell kinetic parameters for a population with exponential growth of cell number and cell death in the G1 and/or G0 phase with probabilities less than 1] Gushchin VA. **Tsitologiia** 1984 Aug;26(8):953-9 (Eng. Abstr.) **(Rus)**

[Variation in the number of C-heterochromatin blocks in the interphase nuclei of the cells of a transplantable murine rhabdomyosarcoma] Kaminskaia EV, et al. **Tsitologiia** 1985 Feb;27(2):240-3 (Eng. Abstr.) **(Rus)**

[DNA degradation in resting cultured Chinese hamster cells] Khokhlov AN, et al. **Tsitologiia** 1984 Aug;26(8):965-8 (Eng. Abstr.) **(Rus)**

[Dependence of the entry of NIH 3T3 cells into a period of DNA synthesis on the duration of their preliminary resting state] Setkov NA, et al. **Tsitologiia** 1984 Aug; 26(8):936-41 (Eng. Abstr.) **(Rus)**

[Loss of specific membrane receptors during the interphase death of thymus cells] Zherbin EA, et al. **Tsitologiia** 1984 Aug;26(8):973-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Induction of DNA lesions, chromosomal aberrations, and G2 delay by bromo- and chlorodeoxyuridine. Zwanenburg TS, et al. **Basic Life Sci** 1984;29 Pt A:69-82

Comparison of the effectiveness of S phase inhibitors in altering gene expression. Detke S. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):812-6

Changes in histone H1 content and chromatin structure of cells blocked in early S phase by 5-fluorodeoxyuridine and aphidicolin. D'Anna JA, et al. **Biochemistry** 1984 Oct 9; 23(21):5024-9

Mouse lymphoma L1210 cells can be arrested in the G1 phase by adjusting cellular cysteine and glutathione. Ishii T, et al. **Cell Struct Funct** 1985 Mar;10(1):89-93

Cytochalasin D inhibits the progression from the Go to S phase at the mid-prereplicative stage in GC-7 cells stimulated with serum. Ohta T, et al. **Cell Struct Funct** 1985 Mar;10(1):37-46

Kinetic analysis of drug-induced G2 block in vitro. Kimmel M, et al. **Cell Tissue Kinet** 1985 Jan;18(1):91-110

Different sensitivities of granulocyte-macrophage and erythroid progenitor cells of normal human bone marrow to S-phase-specific agents. Kubota K, et al. **Cell Tissue Kinet** 1984 Nov;17(6):601-7

The effect of G2-treatments with 2'-deoxyadenosine on the frequency of chromatid aberrations in human lymphocytes depends on the type of culture. Kihlman BA, et al. **Chromosoma** 1984;90(4):239-42

Transforming NRK cells with avian sarcoma virus reduces the extracellular Ca2+ requirement without affecting the calcicalmodulin requirement for the G1/S transition. Durkin JP, et al. **Exp Cell Res** 1985 Apr;157(2):544-9

Control of HL-60 myeloid differentiation. Evidence of uncoupled growth and differentiation control, S-phase specificity, and two-step regulation. Yen A. **Exp Cell Res** 1985 Jan;156(1):198-212

Pronase treatment of lymphocytes reduces the time required for onset of S phase in response to anti-immunoglobulin. Kern M. **J Immunol** 1985 Apr;134(4):2260-4

Close link between reduction of c-myc expression by interferon and, G0/G1 arrest. Einat M, et al. **Nature** 1985 Feb 14-20;313(6003):597-600

Colony-stimulating factor (CSF) controls proliferation of CSF-dependent cells by acting during the G1 phase of the cell cycle. Pluznik DH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7451-5

Type beta transforming growth factor/growth inhibitor stimulates entry of monolayer cultures of AKR-2B cells into S phase after a prolonged prereplicative interval. Shipley GD, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4147-51

[Experimental studies on combination chemotherapy based on cell cycle analysis] Tsuboi T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):629-36 (Eng. Abstr.) **(Jpn)**

[Selective accumulation of alkaline phosphatase in the microsomes of human cells cultured in the G0-phase of the cell cycle] Zgurskiĭ AA, et al. **Biokhimiia** 1984 Oct; 49(10):1616-22 (Eng. Abstr.) **(Rus)**

[Caffeine inactivation of mammalian cells in the S phase of the mitotic cycle due to anomalous replicon initiation during the inhibition of the elongation of replicating DNA] Filatov MV, et al. **Tsitologiia** 1984 Oct;26(10):1208-12 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Study of chromosome lesions induced by gamma-rays during the G2 and mitotic phases of the cell cycle. Cadirola S, et al. **Ann Genet (Paris)** 1984;27(3):154-7

G2 chromosomal radiosensitivity of ataxia-telangiectasia heterozygotes. Parshad R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):163-8

Chromosomal radiosensitivity of human tumor cells during the G2 cell cycle period. Parshad R, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5577-82

Effect of caffeine on gamma-ray-induced G2 delay in ataxia telangiectasia. Bates PR, et al. **Int J Radiat Biol** 1985 Jun; 47(6):713-22

Chromosome aberration types in Chinese hamster (CHO) cells X-irradiated in S and G1. Moore RC, et al. **Int J Radiat Biol** 1984 Oct;46(4):451-8

Abnormal retention of X-irradiated ataxia-telangiectasia fibroblasts in G2 phase of the cell cycle: cellular RNA content, chromatin stability and the effects of 3-aminobenzamide. Smith PJ, et al. **Int J Radiat Biol** 1985 Jun;47(6):701-12

Chromosomal consequences of irradiation of human lymphocytes during S-phase, with special reference to chromatid exchanges. Antoine JL, et al. **Mutat Res** 1984 Nov;129(2):173-9

G0 chromosomal radiosensitivity in ataxia telangiectasia lymphocytes. Bender MA, et al. **Mutat Res** 1985 Jun-Jul; 150(1-2):277-82

Double-strand break repair and G2 block in Chinese hamster ovary cells and their radiosensitive mutants. Weibezahn KF, et al. **Mutat Res** 1985 May;145(3):177-83

Chromosomal radiosensitivity during the G2 cell-cycle period of skin fibroblasts from individuals with familial cancer. Parshad R, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5400-3

Cell cycle dependent G2 delay and killing of L929 cells after exposure to 241Am alpha particles. Lücke-Huhle C, et al. **Radiat Res** 1984 Dec;100(3):576-84

Subchromosomal DNA synthesis in synchronous V-79 chinese hamster cells after X irradiation. Meechan PJ, et al. **Radiat Res** 1984 Nov;100(2):273-81

INTERPROFESSIONAL RELATIONS

Guidelines for effective communication among hearing-impaired and hearing professionals in small group meetings. Lang HG, et al. **Am Ann Deaf** 1984 Jun; 129(3):333-7

Civility among colleagues should be reciprocal. Ackerman AB. **Am J Dermatopathol** 1985 Apr;7(2):188

Pediatricians and mental health professionals. Patterns of collaboration and utilization. Bergman AS, et al. **Am J Dis Child** 1985 Feb;139(2):155-9

The academic pediatrician and the practicing pediatrician. An educational team. McKay RJ Jr. **Am J Dis Child** 1985 Jan;139(1):39-40

Good communication solves problems [letter] Yone RF, et al. **Am J Hosp Pharm** 1985 Feb;42(2):280, 282

You need someone older and wiser. Davis AJ. **Am J Nurs** 1984 Oct;84(10):1290-1

The dilemma of physiological problems. Without collaboration, what's left? Kim MJ. **Am J Nurs** 1985 Mar; 85(3):281, 284

The fences of psychiatry [editorial] Holzman PS. **Am J Psychiatry** 1985 Feb;142(2):217-8

Psychology and pediatrics: prospects for cooperative efforts to promote child health [interview by Logan Wright] Green M. **Am Psychol** 1985 Aug;40(8):949-52

Nurses and physicians: prospects for collaboration [editorial] Makadon HJ, et al. **Ann Intern Med** 1985 Jul;103(1):134-6

Physician-nurse relationships. Prescott PA, et al. **Ann Intern Med** 1985 Jul;103(1):127-33

Promotion of interdisciplinary practice through an automated information system. Swenson-Feldman E, et al. **ANS** 1985 Jul;7(4):39-47

The challenge for leaders is to help their employees succeed. HART MM. **AORN J** 1985 May;41(5):950-5

Communicating in the OR. Part III: Confrontation. Koerner M, et al. **AORN J** 1985 Aug;42(2):244-7, 250-5, 258-9

Communicating in the OR. Part II: Listening. Koerner M, et al. **AORN J** 1984 Dec;40(6):858-66

Managing stress in the OR. A collaborative approach. Marcus AL, et al. **AORN J** 1985 Apr;41(4):723-9

General practitioners and the health centre. Is there a meeting point? Hindmarsh E, et al. **Aust Fam Physician** 1985 Jul; 14(7):663-4, 668-70

Is communication improving between general practitioners and psychiatrists? Pullen IM, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):31-3

Research in general practice. Sources of advice. Stott NC, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1198-200

Conflicts and collaboration: nurse-physician issues in the hospital. Reichman S. **Bull NY Acad Med** 1984 Oct; 60(8):819-24

Nurse/physician relations: a perspective from medicine. Rosenberg C. **Bull NY Acad Med** 1984 Oct;60(8):807-10

Nurse-physician collaboration: a review of some barriers to its fulfillment. Speedling EJ. **Bull NY Acad Med** 1984 Oct; 60(8):811-8

Nurse/physician relations: a perspective from nursing. Stevens BJ. **Bull NY Acad Med** 1984 Oct;60(8):799-806

Countertransference and supervision: a discussion of some dynamics from the point of view of the supervisee. Gauthier M. **Can J Psychiatry** 1984 Oct;29(6):513-9

Mental illness and the media: an assessment of attitudes and communication. Matas M, et al. **Can J Psychiatry** 1985 Feb; 30(1):12-7

Medical, veterinary and environmental liaison activities in Scotland. Sharp JC. **Ecol Dis** 1982;1(4):269-74

The fieldworker as watcher and witness. Bosk C. **Hastings Cent Rep** 1985 Jun;15(3):10-4

When the doctor and the minister disagree. Commentary. Klar H. **Hastings Cent Rep** 1984 Dec;14(6):30-1

When the doctor and the minister disagree. Commentary. Weikart R. **Hastings Cent Rep** 1984 Dec;14(6):30-1

Multi-institutional arrangements: relationships between governing boards and hospital chief executive officers. Alexander J, et al. **Health Serv Res** 1985 Feb;19(6 Pt 1):675-99

Cooperation and rivalry between helping professionals and members of AA. Kurtz LF. **Health Soc Work** 1985 Spring; 10(2):104-12

Psychiatry and the primary care physician. Fink PJ. **Hosp Community Psychiatry** 1985 Aug;36(8):870-5

NJ hospital profits from better relations with medical staff. Mott BJ, et al. **Hospitals** 1984 Dec 1;58(23):76-80

Statement on interprofessional relations with doctors of chiropractic. **IMJ** 1985 Apr;167(4):273

Guidelines on attorney and physician relationships. **IMJ** 1985 May;167(5):358-61

Government intervention in American dermatology. Parish LC, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):390-1

Another source of danger for psychotherapists: the supervisory introject. Lubin M. **Int J Psychoanal Psychother** 1984-85;10:25-45

Consultation in a suicidal impasse. Maltsberger JT. **Int J Psychoanal Psychother** 1984-85;10:131-58

Student unrest: a challenge for nurse educators. Wong J, et al. **J Adv Nurs** 1985 May;10(3):237-44

The best deal around. Devine JA. **J Am Coll Dent** 1985 Summer;52(2):4-7

The key to your professional success is you: networking, mentor-mentee relationships, and negotiation. Kapustiak MM, et al. **J Am Diet Assoc** 1985 Jul;85(7):846-8

Female psychology and networking problems among female professionals. Bernstein AE, et al. **J Am Med Wom Assoc** 1984 Sep-Oct;39(5):156-8

Hiring staff can be as serious as getting married. Weisenstein B. **J Am Optom Assoc** 1985 Aug;56(8):651-3

No biocommunicator is an island. Scott ML. **J Biol Photogr** 1984 Jul;52(3):73-6

Colleagues: to protect or not? Plumeri PA. **J Clin Gastroenterol** 1984 Dec;6(6):549-52

Behavioral pediatrics: interaction with other disciplines. Friedman SB. **J Dev Behav Pediatr** 1985 Aug;6(4):202-14

Mutual collaboration between child psychiatry and pediatrics: resistances and facilitation. Greene CM. **J Dev Behav Pediatr** 1984 Dec;5(6):315-8

Improving physician/teacher collaboration. Marshall RM, et al. **J Dev Behav Pediatr** 1984 Oct;5(5):241-5

Power and cost containment in a Danish public hospital. Saltman RB. **J Health Polit Policy Law** 1985 Winter; 9(4):563-94

Personality and staff privileges. George JE. **J Med Soc NJ** 1985 Feb;82(2):113-4

What to do about toxic mentors. Darling LA. **J Nurs Adm** 1985 May;15(5):43-4

The case for mentor moderation. Darling LA. **J Nurs Adm** 1985 Jul-Aug;15(7-8):42-3

Cultivating minor mentors. Darling LA. **J Nurs Adm** 1985 Sep;15(9):41-2

What do nurses want in a mentor? Darling LA. **J Nurs Adm** 1984 Oct;14(10):42-4

Mentor types and life cycles. Darling LA. **J Nurs Adm** 1984 Nov;14(11):43-4

Why health-care teams don't change: chronicity and collusion. Goren S, et al. **J Nurs Adm** 1985 Jul-Aug; 15(7-8):9-17

The physician as a nursing service customer. Luciano K, et al. **J Nurs Adm** 1985 Jun;15(6):17-20

Medical and educational literature on physician/teacher collaboration. Marshall RM, et al. **J Sch Health** 1985 Feb; 55(2):62-5 (31 ref.)

Frozen sections [letter] **JAMA** 1985 Jan 25;253(4):511-3

The accountability of doctor to doctor. Dawson A. **Lancet** 1985 Aug 10;2(8450):323-4

Doctors and the drug makers [letter] Rawlins MD. **Lancet** 1984 Oct 6;2(8406):814

Sibling rivalry. Silver GA. **Lancet** 1985 Jul 6;2(8445):33

Medical malpractice: the distrust between the medical and legal professions. Adelman S, et al. **Mich Med** 1985 May; 84(5):296, 298, 303

Future-shock and the medical staff. Jahnke MD. **Mich Med** 1985 Jun;84(6):328-9

Values conflict in utilization review in the military [editorial] Giordano FL. **Milit Med** 1985 Apr;150(4):221-2

Benefits of cooperation between pediatric and dermatology staff [letter] Katzen D. **Pediatr Dermatol** 1983 Oct;1(2):179

American Academy of Pediatrics Committee on Hospital Care: Relationship between hospital-based and private practice physicians. Bergeson PS, et al. **Pediatrics** 1985 Feb; 75(2):365-7

Allies in the laboratory? The effects of university-industry relationships on academic biotechnology research. Erban SB. **Pharos** 1985 Spring;48(2):28-33

Basic requirements for initiating an interdisciplinary process. Darling LA, et al. **Phys Ther** 1984 Nov;64(11):1684-6

Interdisciplinary collaboration: psychiatric medical backup in the outpatient clinic. Gardner CS, et al. **Psychiatr Q** 1983 Winter;55(4):253-60

Developing an instrument to measure attitudes toward nurses: preliminary psychometric findings. Hojat M, et al. **Psychol Rep** 1985 Apr;56(2):571-9

Ten commandments of medical etiquette for psychiatrists. Pasnau RO. **Psychosomatics** 1985 Feb;26(2):128-32

Computers and clinical judgment: the role of physician networks. Anderson JG, et al. **Soc Sci Med** 1985; 20(10):969-79

Obstacles to the practice of licensed lay midwifery. Sullivan DA, et al. **Soc Sci Med** 1984;19(11):1189-96

Sources of strain between physicians and social workers: implications for social workers in health care settings. Mizrahi T, et al. **Soc Work Health Care** 1985 Spring; 10(3):33-51

Medical staff relations and physician practice in the DRG environment. McElwee JW. **Top Health Care Financ** 1985 Spring;11(3):22-7

[Possibilities of cooperation by gynecologists and obstetricians with graduates of the school of public health] Dvořák V. **Cesk Gynekol** 1985 Mar;50(2):81-3 **(Cze)**

[Forms of cooperation between the psychologico-pedagogic service in Městec and pediatricians in Ostrava] Březina Z.

Cesk Pediatr 1985 Jan;40(1):45-6 **(Cze)**

[Areas of contact in forensic medicine, social medicine and the law] Stěpan J. **Soud Lek** 1984 May;29(2):29-31 **(Cze)**

[Humanization of hospitals] Mozziconacci P. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):247-8 **(Fre)**

[Interdisciplinary advances in the area of prevention] Lehmann P. **Soz Praventivmed** 1985;30(3):129-30 (Eng. Abstr.) **(Fre)**

[What does the periodontologist expect of the prosthodontist?] Erpenstein H. **Dtsch Zahnarztl Z** 1984 Aug;39(8):563-9 (Eng. Abstr.) **(Ger)**

[What does the prosthodontist expect of the periodontologist?] Kerschbaum T. **Dtsch Zahnarztl Z** 1984 Aug;39(8):558-62 (Eng. Abstr.) **(Ger)**

[The transsexual patient: a challenge for cooperation between psychological and surgical medicine] Langer D. **Fortschr Neurol Psychiatr** 1985 Mar;53(3):67-84 (Eng. Abstr.) **(Ger)**

[Problems in cooperation between the obstetric-gynecologic clinic and general practice] Schröder H. **Gynakologe** 1985 Mar;18(1):39-40 **(Ger)**

[Body and soul: difficulties in the interaction between physicians and psychologists] Pöppel E. **Internist (Berlin)** 1984 Nov;25(11):654-8 **(Ger)**

[The general practitioner's expectations of psychotherapists and psychiatrists] Burkhardt S. **Psychother Psychosom Med Psychol** 1985 May;35(5):116-9 (Eng. Abstr.) **(Ger)**

[Importance of cooperation between the laryngologist and pathologist-oncologist in the prevention, development and treatment of cancer of the vocal cords] Szlezak L, et al. **Otolaryngol Pol** 1985;39(2):93-7 (Eng. Abstr.) **(Pol)**

[Principles and necessity of cooperation between psychologists and pediatricians] Przybyłko K, et al. **Pediatr Pol** 1984 May;59(5):423-7 **(Pol)**

[Clinical psychology and psychiatry] Gerstmann P. **Psychiatr Pol** 1984 Mar-Apr;18(2):153-8 **(Pol)**

[Contribution of Kazakhstan scientists toward improving the effectiveness of public health services] Dauletbakova MI. **Sov Zdravookhr** 1985;(3):36-40 **(Rus)**

[Cooperation between therapeutic-preventive institutions and the forensic medicine bureau (data of a working group)] Zaslavskii GI, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):42-3 **(Rus)**

[Successful cooperation by gynecologists and sexologists in Slovakia] Bárdoš A. **Cesk Gynekol** 1984 Nov;49(9):609-10 **(Slo)**

INTERRENAL GLAND see under **ADRENAL GLANDS**

INTERSEXUALITY see **HERMAPHRODITISM**

INTERSTITIAL CELL-STIMULATING HORMONE see **LH**

INTERSTITIAL NEPHRITIS see **NEPHRITIS, INTERSTITIAL**

INTERTARSAL JOINT see **TARSAL JOINT**

INTERTRIGO

SURGERY

Collagen implant in management of perlèche (angular cheilosis). Chernosky ME. **J Am Acad Dermatol** 1985 Mar;12(3):493-6

INTERVENING SEQUENCES see **BASE SEQUENCE**

INTERVERTEBRAL DISK

Blastogenesis-suppressing serum factors, decreased immunoglobulin A, and increased beta 1-globulins in Airedale Terriers with diskospondylitis. Barta O, et al. **Am J Vet Res** 1985 Jun;46(6):1319-22

On the pathogenesis of spondylosis deformans and arthrosis uncovertebralis: comparative form-analytical radiological and statistical studies on lumbar and cervical vertebral bodies. Pesch HJ, et al. **Arch Orthop Trauma Surg** 1984;103(3):201-11

Diskospondylitis in five horses. Adams SB, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):270-2

Internal disc disruption. Johnson PH. **J Arkansas Med Soc** 1985 Jan;81(8):425-8

Some additional suggestions for an intervertebral disc prosthesis. Edeland HG. **J Biomed Eng** 1985 Jan;7(1):57-62

Spontaneous degenerative spinal disease in the laboratory rabbit. Green PW, et al. **J Orthop Res** 1984;2(2):161-8

Reduction of a lumbar disk lesion using the wedge maneuver. A clinical report. Woodman R, et al. **Phys Ther** 1985 Mar;65(3):346-50

Centrode patterns and segmental instability in degenerative disc disease. Gertzbein SD, et al. **Spine** 1985 Apr;10(3):257-61

[Disk calcifications in children. Apropos of 17 cases] Bollini G, et al. **Rev Chir Orthop** 1984;70(5):377-82 (Eng. Abstr.) **(Fre)**

[Surgical technic of ventral cervical fusion in the dog and its results] Frank KG. **Tierarztl Prax** 1984;12(2):255-62 **(Ger)**

[Spondylo-discitis in drug addicts] Meneghello A, et al. **Radiol Med (Torino)** 1984 Jun;70(6):411-2 **(Ita)**

[Multi-level intervertebral disk destruction in leg length inequality in Bechterew's disease] Nowak C, et al. **Wiad Lek** 1984 Nov 15;37(22):1811-5 (Eng. Abstr.) **(Pol)**

[Intervertebral osteochondritis in elderly persons] Dmitriev AE, et al. **Ortop Travmatol Protez** 1985 Mar;(3):19-21 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

[Methods of preventing the degeneration of intervertebral disks in preserved kyphotic deformity] Tsiv'ian IaL, et al. **Ortop Travmatol Protez** 1985 Mar;(3):11-4 (Eng. Abstr.) **(Rus)**

ANALYSIS

The proteoglycans of the canine intervertebral disc. Cole TC, et al. **Biochim Biophys Acta** 1985 Apr 17;839(2):127-38

Proteoglycans of human infant intervertebral disc. Electron microscopic and biochemical studies. Buckwalter JA, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):284-94

ANATOMY & HISTOLOGY

Anatomical basis of intervertebral disc puncture with chemonucleolysis. Nazarian S. **Anat Clin** 1985;7(1):23-32

Relationship between intervertebral joint morphology and mobility in the equine thoracolumbar spine. Townsend HG, et al. **Equine Vet J** 1984 Sep;16(5):461-5

Lumbar intervertebral disk: correlative MR and anatomic study. Pech P, et al. **Radiology** 1985 Sep;156(3):699-701

[Transabdominal sonography of the lumbar intervertebral disks and intraspinal structures] Tölly E. **ROFO** 1984 Nov;141(5):546-55 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Anatomic studies of the circulation in the region of the vertebral end-plate in adult Greyhound dogs. Crock HV, et al. **Spine** 1984 Oct;9(7):702-6

[Changes in intervertebral disks and vertebral bodies in experimental disorders of segmental blood flow and additional acute trauma] Grigorovskiĭ VV, et al. **Ortop Travmatol Protez** 1985 Mar;(3):21-5 (Eng. Abstr.) **(Rus)**

[Features of the biochemical adaptation of intervertebral disks following experimental disruption of segmental circulation] Kladchenko LA, et al. **Ortop Travmatol Protez** 1984 Aug;(8):22-6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The 'in vivo' effect of chymopapain on intervertebral disc hernia (an ultrastructural study). Postacchini F, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):385-91

EMBRYOLOGY

Comparative development of thoracic intervertebral discs and intra-articular ligaments in the human, monkey, mouse, and cat. Lohse CL, et al. **Acta Anat (Basel)** 1985;122(4):220-8

INJURIES

Acute traumatic intraosseous disc herniation. McCall IW, et al. **Spine** 1985 Mar;10(2):134-7

Effects of disc injury on mechanical behavior of the human spine. Panjabi MM, et al. **Spine** 1984 Oct;9(7):707-13

[Functional state of the lumbar intervertebral disks upon exposure to rapidly acting dynamic vertical stress] Raikhinshtein VKh, et al. **Ortop Travmatol Protez** 1984 Aug;(8):26-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Distribution and binding of glycosaminoglycan polysulfate to intervertebral disc, knee joint articular cartilage and meniscus. Andrews JL, et al. **Arzneimittelforsch** 1985;35(1):144-8

Effects of spinal fusion on the proteoglycans of the canine intervertebral disc. Cole TC, et al. **J Orthop Res** 1985;3(3):277-91

The intrinsic vasculature of developing vertebral end plates and its nutritive significance to the intervertebral discs. Whalen JL, et al. **J Pediatr Orthop** 1985 Jul-Aug;5(4):403-10

[Water and electrolyte content of human intervertebral disks under varying load] Kolditz D, et al. **Z Orthop** 1985 Mar-Apr;123(2):235-8 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Myxomatous degeneration of the lumbar intervertebral disc. Beatty RA. **Neurosurgery** 1985 Aug;17(2):277-80

The intranuclear cleft of the intervertebral disk: magnetic resonance imaging. Aguila LA, et al. **Radiology** 1985 Apr;155(1):155-8

The influence of vertebral body fracture, intradiscal injection, and partial discectomy on the radial bulge and height of human lumbar discs. Brinckmann P, et al. **Spine** 1985 Mar;10(2):138-45

PHYSIOLOGY

Biomechanical behavior of human intervertebral discs subjected to long lasting axial loading. Koeller W, et al. **Biorheology** 1984;21(5):675-86

Lumbar intervertebral disc and ligament deformations measured in vivo. Pearcy MJ, et al. **Clin Orthop** 1984 Dec;(191):281-6

Time dependent response of human intervertebral disc to loading. Ranu HS. **Eng Med** 1985 Jan;14(1):43-5

Measurement of surface deformation of soft tissue. Stokes I, et al. **J Biomech** 1985;18(1):1-7

Biomechanical properties of human intervertebral discs subjected to axial dynamic compression. A comparison of lumbar and thoracic discs. Koeller W, et al. **Spine** 1984 Oct;9(7):725-33

Water and electrolyte content of human intervertebral discs under variable load. Kraemer J, et al. **Spine** 1985 Jan-Feb;10(1):69-71

PHYSIOPATHOLOGY

Swelling pressure of the inervertebral disc: influence of proteoglycan and collagen contents. Urban JP, et al. **Biorheology** 1985;22(2):145-57

Disc space narrowing and the lumbar facet joints. Dunlop RB, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):706-10

Nuclear shifting [letter] DonTigny RL. **Phys Ther** 1985 Aug;65(8):1236, 1238

Computer analysis of spinal segment motion in degenerative disc disease with and without axial loading. Seligman JV, et al. **Spine** 1984 Sep;9(6):566-73

RADIOGRAPHY

Anatomic basis for the pathogenesis and radiologic features of vertebral osteomyelitis and its differentiation from childhood discitis. A microarteriographic investigation. Ratcliffe JF. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):137-43

Intervertebral disk-space infection after chymopapain injection. Deeb ZL, et al. **AJR** 1985 Apr;144(4):671-4

High-resolution surface-coil imaging of lumbar disk disease. Edelman RR, et al. **AJR** 1985 Jun;144(6):1123-9

Cervical intervertebral disc calcification in childhood. Kristensen S, et al. **Arch Otorhinolaryngol** 1984;240(3):239-42

Intravertebral vacuum cleft: notes on five cases. Modena V, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):23-7

Localization of symptomatic lumbar pseudarthroses by use of discography. Johnson RG, et al. **Clin Orthop** 1985 Jul-Aug;(197):164-70

Disk-space hypodensity in CT: the first radiological sign of postoperative diskitis. Lähde S, et al. **Eur J Radiol** 1985 Aug;5(3):190-2

Discography and vertebral venography before chemonucleolysis [letter] Crock HV. **J Neurosurg** 1985 Jul;63(1):149-50

Pitfalls of computed tomography in diagnosis of discitis. Kopecky KK, et al. **Neuroradiology** 1985;27(1):57-66

Case report 291. Diagnosis: Candida discitis and vertebral osteomyelitis at L1-L2 from hematogenous spread. Hayes WS, et al. **Skeletal Radiol** 1984;12(4):284-7

[Calcification of the intervertebral disk in children] Steffensen GK, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2560-1 (Eng. Abstr.) **(Dan)**

[Role of x-ray computed tomography in infectious spondylodiscitis. A review article] Hermann G. **J Radiol** 1985 Jan;66(1):13-20 (44 ref.) (Eng. Abstr.) **(Fre)**

[Disk calcifications in children] Schmit P, et al. **J Radiol** 1985 May;66(5):339-44 (Eng. Abstr.) **(Fre)**

[Cervical intervertebral disc protrusion and the relation between localization of the lesion and the neurological symptoms. Investigation by computed tomography and myelography] Isu T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):463-70 (Eng. Abstr.) **(Jpn)**

[Stenosis of vertebral and intervertebral canal in degenerative spondylolisthesis in the computerized-tomographic picture] Królewski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):357-62 (Eng. Abstr.) **(Pol)**

SURGERY

Shaving of the lumbar disk space--a new technique in lumbar nucleotomy. Hausmann B, et al. **Arch Orthop Trauma Surg** 1984;103(4):284-5

Tetraparesis following cervical disk fenestration in two dogs. Tomlinson J. **J Am Vet Med Assoc** 1985 Jul 1;187(1):76-7

Long time follow-up of patients operated on for sciatica with combined disc removal and spinal fusion. Hesla PE, et al. **J Oslo City Hosp** 1984 Jul-Aug;34(7-8):71-3

Steroids and lumbar discectomy [letter] Dunsker SB. **Neurosurgery** 1985 Apr;16(4):583-4

Percutaneous lumbar diskectomy using a new aspiration probe: porcine and cadaver model. Onik G, et al. **Radiology** 1985 Apr;155(1):251-2

Epidurally placed free fat grafts visualized by CT scanning 15-18 years after discectomy. Langenskiöld A, et al. **Spine** 1985 Jan-Feb;10(1):97-8

A critique of the surgical management of lumbar disc disease in a private neurosurgical practice. Rish BL. **Spine** 1984 Jul-Aug;9(5):500-4

Ligamentum flavum [letter] Griffith HB. **Surg Neurol** 1985

Jun;23(6):651

Towards painless orthopaedic surgery. Barron DW. **Ulster Med J** 1984;53(2):146-9

[Posterolateral approach to dorsal disk herniation by transversoarthropediculectomy] Lesoin F, et al. **Neurochirurgie** 1984;30(6):427-31 (Eng. Abstr.) **(Fre)**

[Technical advantages and limitations of using ultrasonics in surgery of the spine] Demichev NP, et al. **Vestn Khir** 1984 Nov;133(11):55-9 (Eng. Abstr.) **(Rus)**

[Fenestration of intervertebral disks in the treatment of cervical osteochondritis] Osna AI, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):47-51 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Morphologic changes in annulus fibrosus during aging. An ultrastructural study in rats. Postacchini F, et al. **Spine** 1984 Sep;9(6):596-603

INTERVERTEBRAL DISK DISPLACEMENT

COMPLICATIONS

Migrating disc complicating spinal decompression in an achondroplastic dwarf: intraoperative demonstration of spinal cord compression by somatosensory evoked potentials. McPherson RW, et al. **Anesthesiology** 1984 Dec; 61(6):764-7

Sacral sparing with cauda equina compression from central lumbar intervertebral disc prolapse. Lafuente DJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):579-81

Thoracic disc herniation associated with papilledema. Case report. Michowiz SD, et al. **J Neurosurg** 1984 Dec; 61(6):1132-4

Chemonucleolysis for sciatica and low back pain. Graham CE. **Med J Aust** 1985 Apr 15;142(8):461-2

Symptoms and signs of sciatica and their relation to the localization of the lumbar disc herniation. Kortelainen P, et al. **Spine** 1985 Jan-Feb;10(1):88-92

Pain due to nerve injury. Loeser JD. **Spine** 1985 Apr; 10(3):232-5

'Numb, clumsy hands' [letter] O'Laoire SA. **Surg Neurol** 1985 May;23(5):546

[Acute lumbago-sciatica caused by lumbar disk prolapse an 84-year-old patient. 'No, lady--you are too old for that'] Damgaard-Iversen B. **Ugeskr Laeger** 1985 Apr 29; 147(18):1481 (Eng. Abstr.) **(Dan)**

[Are idiopathic leg pains due to a hernia of the lumbar intervertebral foramen canal (letter)?] Recoules-Arche D. **Presse Med** 1985 Jan 26;14(3):161 **(Fre)**

[On the relation between blood and spinal fluid beta-endorphins and pain caused by disk hernia] Solini A, et al. **Minerva Anestesiol** 1984 Sep;50(9):459-64 (Eng. Abstr.) **(Ita)**

[Traumatic displacement of intervertebral disk fragmen [illegible] the spinal canal in the cervical segment] Kiwerski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):517-21 (Eng. Abstr.) **(Pol)**

[Stenosis of vertebral and intervertebral canal in degenerative spondylolisthesis in the computerized-tomographic picture] Królewski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):357-62 (Eng. Abstr.) **(Pol)**

[Neurogenic intermittent claudication] Jarmundowicz W, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):493-7 (Eng. Abstr.) **(Pol)**

[Late sequelae of cervical spine injuries] Szawlowski K, et al. **Pol Tyg Lek** 1985 May 13;40(19):533-5 (Eng. Abstr.) **(Pol)**

[Examination of the cervical spine for the detection of the causes of cervical myelopathy] Gołabek R, et al. **Wiad Lek** 1984 Jun 15;37(12):929-31 **(Pol)**

[Predicting the results of surgical treatment of radicular syndromes in hernias and massive protrusions of lumbar intervertebral disks] Khvisiuk NI, et al. **Ortop Travmatol Protez** 1985 May;(5):34-8 (Eng. Abstr.) **(Rus)**

[Analysis of different means of surgical treatment of radicular syndromes in hernias and protrusions of the lumbar intervertebral disks] Prodan AI, et al. **Ortop Travmatol Protez** 1985 Jan;(1):30-4 **(Rus)**

[Analgesic effect of high-frequency and acupuncture-like transcutaneous electric stimulation of nerve fibers in spinal osteochondrosis] Starobinets MKh, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):350-4 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Cerebrospinal fluid protein--an aid in the diagnosis of herniated discs. Tunevall TG. **Acta Chir Scand [Suppl]** 1984;520:85-6

Sonography of the normal and abnormal intact lumbar spinal canal. Portela LA. **AJR** 1985 Feb;144(2):386-90

Herniated thoracic disks. Arce CA, et al. **Neurol Clin** 1985 May;3(2):383-92 (41 ref.)

Modified crossed leg raising test and sciatica. Swann KW, et al. **Neurosurgery** 1984 Aug;15(2):175-7

The intranuclear cleft of the intervertebral disk: magnetic resonance imaging. Aguila LA, et al. **Radiology** 1985 Apr; 155(1):155-8

Neurilemomas of the cauda equina presenting as prolapsed lumbar intervertebral disks. Nayernouri T. **Surg Neurol** 1985 Feb;23(2):187-8

[Telethermography in the selection for x-ray computed tomographic study of herniated lumbar disks] Delcour C, et al. **J Radiol** 1984 Jun-Jul;65(6-7):443-7 (Eng. Abstr.) **(Fre)**

[Diagnosis and conservative treatment of intervertebral disk-induced diseases of the lumbar spine] Schleberger R. **Fortschr Med** 1985 Jun 13;103(22):597-600 (Eng. Abstr.) **(Ger)**

[Differential diagnosis and surgical indications in lumbar intervertebral disk recurrence] Brugger G, et al. **Wien Med Wochenschr** 1984 Sep 30;134(18):399-402 (Eng. Abstr.) **(Ger)**

[Computerized axial tomography and electromyography in vertebral and spinal cord pathology] Passariello R, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):498-500 (Eng. Abstr.) **(Ita)**

[Correlations among clinical, caudographic, electromyographic examinations and surgical findings in lumbosacral disc herniations: value of electromyography] Insola A, et al. **Riv Neurol** 1984 Jul-Aug;54(4):235-44 (Eng. Abstr.) **(Ita)**

[Optimization of the preoperative diagnosis of herniated lumbar disks] Chudnovskiĭ NA, et al. **Zh Vopr Neirokhir** 1984 Nov-Dec;(6):51-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Chymopapain chemonucleolysis: correlation of diagnostic radiographic factors and clinical outcome. Gentry LR, et al. **AJR** 1985 Aug;145(2):351-60

Chymopapain chemonucleolysis: CT changes after treatment. Gentry LR, et al. **AJR** 1985 Aug;145(2):361-9

Chemonucleolysis. Newman M. **Alaska Med** 1984 Jul-Sep; 26(3):71-3

Chemonucleolysis--unexpected new horizons for research [editorial] Taylor TK, et al. **Aust NZ J Surg** 1985 Apr; 55(2):88-90

Chemonucleolysis failures treated by PLIF. Sepulveda R, et al. **Clin Orthop** 1985 Mar;(193):68-74

Chemonucleolysis. Stephens MM, et al. **Ir J Med Sci** 1984 May;153(5):174-7

Intravenous injection during chemonucleolysis [letter] **J Neurosurg** 1984 Nov;61(5):991-3

Efficacy of chymopapain chemonucleolysis. A long-term review of 105 patients. Javid MJ. **J Neurosurg** 1985 May; 62(5):662-6

Treatment of intervertebral disc prolapse by intradiscal injection of chymopapain. Fraser RD. **Med J Aust** 1985 Apr 15;142(8):431-4

Tropical fruit in the treatment of lumbar disc prolapse. A topical issue. Taylor TK, et al. **Med J Aust** 1985 Apr 15; 142(8):462-4

Update on chymopapain. Shields CB, et al. **Neurol Clin** 1985 May;3(2):393-403 (19 ref.)

Septic complications of chemonucleolysis. Brian JE Jr, et al. **Neurosurgery** 1984 Nov;15(5):730-4

The chymopapain clinical trials. Haines SJ. **Neurosurgery** 1985 Jul;17(1):107-10

Post-chymopapain (chemonucleolysis)--clinical and computed tomography correlation: preliminary results. Mall JC, et al. **Skeletal Radiol** 1984;12(4):270-5

Chemonucleolysis [letter] **Spine** 1984 Nov-Dec;9(8):840-1

Chymodiactin postmarketing surveillance. Demographic and adverse experience data in 29,075 patients. Agre K, et al. **Spine** 1984 Jul-Aug;9(5):479-85

Double-blind evaluation of collagenase injections for herniated lumbar discs. Bromley JW, et al. **Spine** 1984 Jul-Aug;9(5):486-8

Dural puncture using the lateral approach for chemonucleolysis. Dabezies EJ, et al. **Spine** 1985 Jan-Feb; 10(1):93-6

Chymopapain for herniated intervertebral disc. A methodologic analysis and an agenda for future research. Deyo RA. **Spine** 1984 Jul-Aug;9(5):474-8

Chymopapain for the treatment of intervertebral disc herniation. The final report of a double-blind study. Fraser RD. **Spine** 1984 Nov-Dec;9(8):815-8

The comparative biomechanical, histologic, and radiographic analysis of canine lumbar discs treated by surgical excision or chemonucleolysis. Kahanovitz N, et al. **Spine** 1985 Mar; 10(2):178-83

Chymopapain-induced hypersensitivity following chemonucleolysis. Tsay YG, et al. **Spine** 1984 Oct; 9(7):769-71

A preoperative chymopapain sensitivity test for chemonucleolysis candidates. Tsay YG, et al. **Spine** 1984 Oct;9(7):764-8

[Neuroleptanalgesia for chemical nucleolysis] Noury D, et al. **Cah Anesthesiol** 1984 Sep;32(5):397-401 (Eng. Abstr.) **(Fre)**

[Discal nucleolysis in the treatment of common sciatica] Cocheteux P, et al. **LARC Med** 1984 Nov;4(9):543-50 (Eng. Abstr.) **(Fre)**

[Anesthesiologic aspects of chemonucleolysis in local anesthesia] Schäffer J, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):62-4 (Eng. Abstr.) **(Ger)**

[Results of treatment of intradisk therapy with collagenase in lumbar intervertebral disk prolapse] Lenz G, et al. **Orthopade** 1985 Apr;14(2):133-42 **(Ger)**

ETIOLOGY

Orientation of the articular processes at L4, L5, and S1. Possible role in pathology of the intervertebral disc. Kénési C, et al. **Anat Clin** 1985;7(1):43-7

Cervical disc herniation in a football player. Tysvaer AT. **Br J Sports Med** 1985 Mar;19(1):43-4

Breast cancer with osseous metastasis and herniated lumbar disc. A cautionary tale. Carr BI, et al. **Cancer** 1985 Oct 1;56(7):1701-3

Acute prolapsed lumbar intervertebral disc. An epidemiologic study with special reference to driving automobiles and cigarette smoking. Kelsey JL, et al. **Spine** 1984 Sep;9(6):608-13

Acute traumatic intraosseous disc herniation. McCall IW, et al. **Spine** 1985 Mar;10(2):134-7

Cough radiculopathy--another cause of pain in the neck [letter] Torrington KG, et al. **West J Med** 1984 Sep; 141(3):379-80

[Saccular aneurysm of the abdominal aorta with erosion of the lumbar spine] Jørgensen L, et al. **Ugeskr Laeger** 1985 May 27;147(22):1777-8 (Eng. Abstr.) **(Dan)**

[Radiculo-medullary syndrome in Scheuermann's disease] Lesoin F, et al. **Rev Rhum Mal Osteoartic** 1985 Jan; 52(1):57-9 **(Fre)**

[Causes of pain and complications in patients with spondylolisthesis treated by intervertebral stabilization of one segment] Zuk T. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):383-7 (Eng. Abstr.) **(Pol)**

HISTORY

The classic. The treatment of ruptured lumbar intervertebral discs by vertebral body fusion. I. Indications, operative technique, after care. By Ralph B. Cloward, 1953. **Clin Orthop** 1985 Mar;(193):5-15

IMMUNOLOGY

Reactivity of IgE and IgG serum levels to chymopapain after chemonucleolysis. Sagona MA, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):659-62

METABOLISM

[Inositol in the cerebrospinal fluid, plasma and erythrocytes in spinal pain syndromes] Maciejek Z, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):125-30 (Eng. Abstr.) **(Pol)**

OCCURRENCE

An epidemiologic study of lifting and twisting on the job and risk for acute prolapsed lumbar intervertebral disc. Kelsey JL, et al. **J Orthop Res** 1984;2(1):61-6

PATHOLOGY

Intervertebral disc degeneration in adult mice with hereditary kyphoscoliosis. Mason RM, et al. **J Orthop Res** 1984; 2(4):333-8

Lumbosacral transitional vertebrae and their relationship with lumbar extradural defects. Castellvi AE, et al. **Spine** 1984 Jul-Aug;9(5):493-5

The diagnosis of disc sequestration. Deburge A, et al. **Spine** 1984 Jul-Aug;9(5):496-9

PHYSIOPATHOLOGY

The significance of motor-point tenderness in patients with lumbar intervertebral disc protrusions. Nwuga VC. **Int Orthop** 1984;8(1):47-54

[Diagnostic value of studies of vibration sensitivity in hernias of the lumbar intervertebral disks] Farber MA. **Zh Vopr Neirokhir** 1984 Jul-Aug;(4):26-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Predictive value of radiculography in patients with lumbago-sciatica. A prospective study (Part II). Espersen JO, et al. **Acta Neurochir (Wien)** 1984;73(3-4):213-21

Radiculography with reduced amounts of contrast medium. Signorini E, et al. **Acta Neurochir (Wien)** 1984; 73(3-4):223-8

CT demonstration of disk regression after conservative therapy. Guinto FC Jr, et al. **AJNR** 1984 Sep-Oct; 5(5):632-3

Intradural disk herniation with CT appearance of gas collection. Kaiser MC, et al. **AJNR** 1985 Jan-Feb; 6(1):117-8

Contrast enhancement in CT differentiation between recurrent disk herniation and postoperative scar: prospective study. Braun IF, et al. **AJR** 1985 Oct; 145(4):785-90

Computed tomography and chymopapain chemonucleolysis: preliminary findings. Brown BM, et al. **AJR** 1985 Apr; 144(4):667-70

High-resolution surface-coil imaging of lumbar disk disease. Edelman RR, et al. **AJR** 1985 Jun;144(6):1123-9

Spontaneous regression of herniated nucleus pulposus. Teplick JG, et al. **AJR** 1985 Aug;145(2):371-5

Pitfalls of incomplete myelography with thoracic spinal lesions. Cohen HC, et al. **Can J Neurol Sci** 1985 May; 12(2):121-4

A comparison of CT scanning and myelography in the diagnosis of lumbar disc herniation. Bosacco SJ, et al.

Clin Orthop 1984 Nov;(190):124-8

Prone computed tomography metrizamide myelography: a technique for improved diagnosis of lumbar disc herniation. Barmeir E, et al. **Clin Radiol** 1984 Nov;35(6):479-81

Lateral L3/4 herniated nucleus pulposus: clinical and imaging considerations. Fries JW, et al. **Comput Radiol** 1984 Nov-Dec;8(6):341-54

Soft disc herniation of the cervical spine. Yamano Y. **Int Orthop** 1985;9(1):19-27

Computerized axial tomography in the diagnosis of lumbar disc hernia. Salvi V. **Ital J Orthop Traumatol** 1985 Mar; 11(1):43-50

A sign of lumbar disk herniation recognizable on lateral CT generated digital radiograms. Kaiser MC, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1066-71

Herniated thoracic intervertebral disks. Schimel S, et al. **J Comput Tomogr** 1985 Apr;9(2):141-3

The radiological diagnosis of herniated lumbar disks [letter] Weitz EM. **JAMA** 1985 Mar 15;253(11):1559

Exploring the normal myelogram. An historical perspective. Haines SJ, et al. **Minn Med** 1985 Jul;68(7):529-32

Computed tomography of the intervertebral foramen. Schubiger O, et al. **Neuroradiology** 1984;26(6):439-44

Bony spinal canal changes that differentiate conjoined nerve roots from herniated nucleus pulposus. Hoddick WK, et al. **Radiology** 1985 Jan;154(1):119-20

A study of computer-assisted tomography. II. Comparison of metrizamide myelography and computed tomography in the diagnosis of herniated lumbar disc and spinal stenosis. Bell GR, et al. **Spine** 1984 Sep;9(6):552-6

Differential diagnosis of recurrent lumbar disc herniation and postoperative deformation by myelography. An impossible task. Irstam L. **Spine** 1984 Oct;9(7):759-63

Epidurally placed free fat grafts visualized by CT scanning 15-18 years after discectomy. Langenskiöld A, et al. **Spine** 1985 Jan-Feb;10(1):97-8

Thoracic disc herniation. Improved diagnosis with computed tomographic scanning and a review of the literature. Arce CA, et al. **Surg Neurol** 1985 Apr;23(4):356-61

Symptomatic disc herniation into the vertebral body. Raynor RB. **Surg Neurol** 1985 Jun;23(6):621-5

[Feasibility study of x-ray computed tomography in 100 patients with a sciatica caused by a disk hernia detectable by radiography] Tamisier JN, et al. **Rev Rhum Mal Osteoartic** 1985 Mar;52(3):171-7 **(Fre)**

[Diagnosis of the level of nucleus pulposus prolapse in lumbosacral transition vertebrae] Schuckmann W, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):549-54 (Eng. Abstr.) **(Ger)**

[Technic and results of spinal computed tomography in the diagnosis of cervical disk disease] Artmann H, et al. **ROFO** 1985 Aug;143(2):157-9 (Eng. Abstr.) **(Ger)**

[Spondylolysis and -listhesis. A computed tomographic differential diagnosis of lumbar discopathy] Weiss T, et al. **ROFO** 1985 Jul;143(1):68-73 (Eng. Abstr.) **(Ger)**

[Computer tomography of lumbar disk prolapse and vertebral canal stenosis] Dihlmann W. **Z Rheumatol** 1984 Jul-Aug; 43(4):153-9 (Eng. Abstr.) **(Ger)**

[Computerized tomography in the diagnosis of a herniated cervical disk] Di Guglielmo L, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):20-7 (Eng. Abstr.) **(Ita)**

[A prolapsed cervical disc with diffuse contrast enhancement on CT] Goto J, et al. **Rinsho Shinkeigaku** 1985 Apr; 25(4):420-3 (Eng. Abstr.) **(Jpn)**

[Symptom of an enlarged vertebral supporting area in patients with intervertebral disk prolapse] Styczyński T. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):71-3 (Eng. Abstr.) **(Pol)**

[Roentgenodiagnosis of disk herniation in osteochondrosis] Kamalov II. **Zh Nevropatol Psikhiatr** 1985;85(4):502-5 (Eng. Abstr.) **(Rus)**

REHABILITATION

Nuclear shifting [letter] DonTigny RL. **Phys Ther** 1985 Aug; 65(8):1236, 1238

Wedge maneuver message [letter] Fernando CK. **Phys Ther** 1985 Sep;65(9):1399-400

Unilateral traction in conjunction with heat modalities, proper positioning, and exercises for a herniated nucleus pulposus. A case report. Manus-Garlinghouse N. **Phys Ther** 1985 Aug;65(8):1208-10

SURGERY

Iatrogenic aortocaval fistula secondary to intervertebral disc surgery. A case report. Görömbey Z, et al. **Acta Chir Scand** 1984;150(7):585-7

Microsurgical anterior approach to cervical discs. Review of 60 consecutive cases of discectomy without fusion. Husag L, et al. **Acta Neurochir (Wien)** 1984;73(3-4):229-42

Predictive value of clinical and surgical findings in patients with lumbago-sciatica. A prospective study (Part I). Kosteljanetz M, et al. **Acta Neurochir (Wien)** 1984; 73(1-2):67-76

Percutaneous lumbar diskectomy using a new aspiration probe. Onik G, et al. **AJR** 1985 Jun;144(6):1137-40

Shaving of the lumbar disk space--a new technique in lumbar nucleotomy. Hausmann B, et al. **Arch Orthop Trauma Surg** 1984;103(4):284-5

Recent experience with chemonucleolysis: community standards and factors affecting outcome. Nehls DG, et al. **Ariz Med** 1985 Feb;42(2):74-9

Two-level thoracic disc herniation. Bhole R, et al. **Clin Orthop** 1984 Nov;(190):129-31

Posterior lumbar interbody fusion updated. Cloward RB. **Clin Orthop** 1985 Mar;(193):16-9

Closed loop instrumentation of the lumbar spine. Flatley TJ, et al. **Clin Orthop** 1985 Jun;(196):273-8

Prevention of thromboembolic complications with miniheparin-dihydroergotamine in patients undergoing lumbar disc operations. Gruber UF, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):157-61

Disk-space hypodensity in CT: the first radiological sign of postoperative diskitis. Lähde S, et al. **Eur J Radiol** 1985 Aug;5(3):190-2

Multiple operations on the lumbar spine. A study of 15 patients operated on 3 times or more for an initial diagnosis of prolapsed disc. Boccanera L, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):321-31

Thoracic intervertebral disc protrusions. Martucci E, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):333-9

Posterolateral lumbosacral arthrodesis (P.L.A.). A study of 85 cases. Savini R, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):449-60

Some additional suggestions for an intervertebral disc prosthesis. Edeland HG. **J Biomed Eng** 1985 Jan;7(1):57-62

The ruptured intervertebral disc. Follow-up report on the first case fifty years after recognition of the syndrome and its surgical significance. Frymoyer JW, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1113-6

The intra-operative application of povidone-iodine in neurosurgery. Strohecker J, et al. **J Hosp Infect** 1985 Mar; 6 Suppl A:123-5

Sequel to a cervical disk. Morse RH. **J La State Med Soc** 1984 Nov;136(11):14-6

Involvement of lumbosacral roots caused by lateral recess stenosis. Lucantoni D, et al. **J Neurosurg Sci** 1984 Apr-Jun; 28(2):93-6

Use of acrylic in anterior cervical discectomy: technical note. Alemo-Hammad S. **Neurosurgery** 1985 Jul;17(1):94-6

Percutaneous discectomy: an anatomical study. Kanter SL, et al. **Neurosurgery** 1985 Feb;16(2):141-7

Microdiscectomy versus chemonucleolysis. Maroon JC, et al. **Neurosurgery** 1985 May;16(5):644-9

The early days of neurosurgery as I remember them, with emphasis on disc surgery. Murphey F. **Neurosurgery** 1985 Aug;17(2):370-2

Anterior cervical fusion for degenerated or protruded discs. A review of one hundred forty-six patients. Gore DR, et al. **Spine** 1984 Oct;9(7):667-71

The treatment of a herniated lumbar disc in a young adult with developmental spinal stenosis. Kornberg M, et al. **Spine** 1984 Jul-Aug;9(5):541-5

Central herniated intervertebral disks [editorial] Bucy PC. **Surg Neurol** 1985 Jan;23(1):84

Ruptured median and paramedian lumbar disk. A review of 243 cases. Fager CA. **Surg Neurol** 1985 Mar;23(3):309-23

Posterolateral approach to thoracic disk herniations through transversoarthropediculectomy. Lesoin F, et al. **Surg Neurol** 1985 Apr;23(4):375-9

Fatal congestive heart failure associated with an iatrogenic caval aortic fistula following surgical removal of a herniated intervertebral disk [letter] Lesoin F, et al. **Surg Neurol** 1984 Nov;22(5):532

Microsurgical anatomy and related techniques to an anterolateral transthoracic approach to thoracic disc herniations. Safdari H, et al. **Surg Neurol** 1985 Jun; 23(6):589-93

[Use of the CO2 laser in intraspinal exploration--report of 3 cases] Liu SX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):161-2 (Eng. Abstr.) **(Chi)**

[Follow-up study of subjective and social sequelae after operations for lumbar disc prolapse] Yde J, et al. **Nord Med** 1984;99(8-9):213-5 **(Dan)**

[The importance of the narrowing of the foramina in cervical root compression] Rosenørn J, et al. **Ugeskr Laeger** 1984 Aug 27;146(35):2620-2 (Eng. Abstr.) **(Dan)**

[Cervical disk disease treated by the Cloward method. A study of 1106 patients] Strange P, et al. **Ugeskr Laeger** 1984 Jun 25;146(26):1919-24 (Eng. Abstr.) **(Dan)**

[Anesthesia for surgery of lumbar herniated disk: the knee-chest position with buttock support] Graftieaux JP, et al. **Cah Anesthesiol** 1984 Nov;32(7):533-41 **(Fre)**

[Posterolateral approach to dorsal disk herniation by transversoarthropediculectomy] Lesoin F, et al. **Neurochirurgie** 1984;30(6):427-31 (Eng. Abstr.) **(Fre)**

[Lumbar disk hernia through the intervertebral foramen. Apropos of 37 surgically treated hernia] Recoules D, et al. **Neurochirurgie** 1984;30(5):301-7 (Eng. Abstr.) **(Fre)**

[Surgery of disk hernia of the lumbar vertebral canal] Recoules-Arche D. **Neurochirurgie** 1985;31(1):61-4 (Eng. Abstr.) **(Fre)**

[Surgery in failure of nucleolysis of lumbar disk hernia] Deburge A, et al. **Rev Chir Orthop** 1984;70(8):637-41 (Eng. Abstr.) **(Fre)**

[Vertebral body excision for the treatment of cervical disk disease, spondylosis and spinal cord stenosis] Barrasso J, et al. **Orthopade** 1985 Feb;14(1):40-3 **(Ger)**

[Thoracic intervertebral disk prolapse] Schirmer M. **Orthopade** 1985 Apr;14(2):112-7 (Eng. Abstr.) **(Ger)**

[Indications for urgent operations in lumbar nucleus pulposus prolapse] Schuckmann P, et al. **Z Arztl Fortbild (Jena)** 1985; 79(12):539-41 **(Ger)**

[Transdural rupture of lumbar intervertebral disk prolapse] Steffen H, et al. **Zentralbl Neurochir** 1984;45(3):183-8 (Eng. Abstr.) **(Ger)**

[Evaluation of the results of the surgical treatment of hernias of the lumbar disk] Giovanelli De Noris M, et al. **Chir Ital** 1985 Apr;37(2):206-13 (Eng. Abstr.) **(Ita)**

[Hernia of the soft cervical disk: posterior or anterior surgery? (Study of 40 long-term controlled cases)] Boccanera L, et al. **Chir Organi Mov** 1984;69(3):229-34 (Eng. Abstr.) **(Ita)**

[Lateral approach to thoracic disc herniation. Case report] Kawaguchi S, et al. **Neurol Med Chir (Tokyo)** 1985 May; 25(5):368-73 (Eng. Abstr.) **(Jpn)**

[Dislocations of cervical spine without spinal cord injury] Kiwerski J. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(5):433-8 (Eng. Abstr.) **(Pol)**

[Sinus rhythm of the heart in the postoperative period of neurosurgical patients] Kuterman EM, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):53-7 (Eng. Abstr.) **(Rus)**

[Bilateral fenestration at one or two levels in the treatment of median lumbar intervertebral hernias] Arashkevich G, et al. **Ortop Travmatol Protez** 1985 Mar;(3):25-8 (Eng. Abstr.) **(Rus)**

[Surgical treatment of sciatica] Hilding S. **Lakartidningen** 1985 Jun 19;82(25):2332-4 **(Swe)**

THERAPY

Anatomical basis of intervertebral disc puncture with chemonucleolysis. Nazarian S. **Anat Clin** 1985;7(1):23-32

Upper thoracic back pain. **Aust Fam Physician** 1985 Jun; 14(6):583

Chemonucleolysis: an evolving concept and clinical review. MacDiarmid A, et al. **Aust NZ J Surg** 1985 Apr; 55(2):157-62

Chemonucleolysis in the treatment of lumbar disc disease. Israeli A, et al. **Br J Sports Med** 1985 Mar;19(1):21-3

Adverse reactions to chemonucleolysis: anesthetic considerations. Moss J, et al. **Int Anesthesiol Clin** 1985 Fall; 23(3):119-32

The 'in vivo' effect of chymopapain on intervertebral disc hernia (an ultrastructural study). Postacchini F, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):385-91

Paraplegia following chymopapain injection. A case report [letter] Brown MD. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):504

A case report on nonresolving conservative care of low back pain and sciatic radicular syndrome. Haney PL, et al. **J Manipulative Physiol Ther** 1985 Jun;8(2):109-14

Acute locked facet syndrome and its treatment by manipulation under local periarticular anesthesia--Part I: Clinical perspective and pilot study proposal. Wood L. **J Manipulative Physiol Ther** 1984 Dec;7(4):211-7

Traction therapy in patients with herniated lumbar intervertebral discs. Weber H, et al. **J Oslo City Hosp** 1984 Jul-Aug;34(7-8):61-70

Urological complications following chemonucleolysis. Berkson B, et al. **J Urol** 1985 Jun;133(6):1065-6

Chymopapain and prolapsed disc [letter] Graham CE. **Med J Aust** 1985 Sep 16;143(6):266-7

Recent advances in the treatment of ruptured lumbar intervertebral disks. Kranzler LI, et al. **Neurol Clin** 1985 May;3(2):405-16 (38 ref.)

Autotraction versus manual traction in patients with prolapsed lumbar intervertebral discs. Ljunggren AE, et al. **Scand J Rehabil Med** 1984;16(3):117-24

The age-old back problem: new fad; same fallacies [letter] Harway RA. **Spine** 1985 Apr;10(3):293

Chymodiactin in patients with herniated lumbar intervertebral disc(s). An open-label, multicenter study. McDermott DJ, et al. **Spine** 1985 Apr;10(3):242-9

[Allergy to chymopapain: value of predictive tests before chemonucleolysis] Moneret-Vautrin DA, et al. **Ann Fr Anesth Reanim** 1985;4(3):313-5 (Eng. Abstr.) **(Fre)**

[Thromboembolism following chemonucleolysis for disk hernia (letter)] Delorme N, et al. **Presse Med** 1985 Jan 19; 14(2):107 **(Fre)**

[Chymopapain allergy. Diagnostic value of a skin test before and after chemonucleolysis] Mayer HM, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):51-6 (Eng. Abstr.) **(Ger)**

[A rare case of total dislocation of the cervical spine without spinal cord injury] Kiwerski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):11-3 (Eng. Abstr.) **(Pol)**

VETERINARY

What is your diagnosis? Intervertebral disk herniation. Shores A, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):563-4

Pancreatitis, gastrointestinal ulceration and haemorrhage and necrotising cystitis following the surgical treatment of degenerative disc disease in a dachshund. Davies M. **Vet Rec** 1985 Apr 13;116(15):398-9

[Surgical technic of ventral cervical fusion in the dog and its results] Frank KG. **Tierarztl Prax** 1984;12(2):255-62 (Ger)

INTERVIEW, PSYCHOLOGICAL

Individual interviews of children with unexplained symptoms. Richtsmeier AJ Jr. **Am J Dis Child** 1985 May;139(5):506-8

Comparison of three systems for diagnosing borderline personality disorder. Nelson HF, et al. **Am J Psychiatry** 1985 Jul;142(7):855-8

Psychological autopsy of completed suicide in children and adolescents. Shafii M, et al. **Am J Psychiatry** 1985 Sep;142(9):1061-4

Psychological interviews in screening couples undergoing in vitro fertilization. Haseltine FP, et al. **Ann NY Acad Sci** 1985;442:504-22

Comparison of the lay Diagnostic Interview Schedule and a standardized psychiatric diagnosis. Experience in eastern Baltimore. Anthony JC, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):667-75

A comparison of clinical and diagnostic interview schedule diagnoses. Physician reexamination of lay-interviewed cases in the general population. Helzer JE, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):657-66

A comparison of two diagnostic methods. Clinical ICD diagnoses vs DSM-III and Research Diagnostic Criteria using the Diagnostic Interview Schedule (version 2). Wittchen HU, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):677-84

Psychiatric interviewing and clinical skills. Pollock DC, et al. **Can J Psychiatry** 1985 Feb;30(1):64-8

Age differences in the reliability of the psychiatric interview of the child. Edelbrock C, et al. **Child Dev** 1985 Feb;56(1):265-75

Psychological assessment in general orthopaedic practice. Gray IC, et al. **Clin Orthop** 1985 Apr;(194):258-63

The clinical interview for depression. Development, reliability and validity. Paykel ES. **J Affective Disord** 1985 Jul;9(1):85-96

Informant variance: the issue of parent-child disagreement. Kashani JH, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):437-41

Clinical judgement in context: a review of situational factors in person perception during clinical interviews. Cline T. **J Child Psychol Psychiatry** 1985 May;26(3):369-80

Assessing interviewer effects in a longitudinal study of bereaved elderly adults. Caserta MS, et al. **J Gerontol** 1985 Sep;40(5):637-40

A model for teaching the brief psychosocial interview. Wells KB, et al. **J Med Educ** 1985 Mar;60(3):181-8

Measuring the aftermath of rape. DiVasto P. **J Psychosoc Nurs Ment Health Serv** 1985 Feb;23(2):33-5

The structural interview method for diagnosing borderline disorders: a critique. Reich J, et al. **Psychiatr Q** 1984 Fall;56(3):229-35

The clinical interview. Nagler S, et al. **Schizophr Bull** 1985;11(1):38-47

[The decision to undergo tubal ligation] Fontaine JG. **Union Med Can** 1984 Jul;113(7):604-6 (Eng. Abstr.) **(Fre)**

[Masked depression] Haack HP. **Dtsch Med Wochenschr** 1985 Mar 29;110(13):507-9 **(Ger)**

[Apprehension of estimation and the need for social approval in clinical psychological diagnosis] Brzeziński J, et al. **Psychiatr Pol** 1984 May-Jun;18(3):225-32 (Eng. Abstr.) **(Pol)**

METHODS

Adolescents' reactions to counseling interviews. Mills MC. **Adolescence** 1985 Spring;20(77):83-95

Early treatment of child incest victims. Adams-Tucker C. **Am J Psychother** 1984 Oct;38(4):505-16

The impact of a research interview on clinical re-attendance: a happy finding. Sutherland G, et al. **Br J Addict** 1985 Jun;80(2):211-2

Children's type A interview: interrater, test-retest reliability, and interviewer effect. Gerace TA, et al. **J Chronic Dis** 1985;38(9):781-91

Cross-cultural validity of the Miami Structured Interview--I for type A in children: the American-Hellenic Heart Study. Smith JC, et al. **J Chronic Dis** 1985;38(9):793-9

Problem-based interviewing in general practice: a model. Lesser AL. **Med Educ** 1985 Jul;19(4):299-304

The neuropsychiatric assessment of the adolescent. Lewis DO. **Pediatr Ann** 1985 May;14(5):378-9, 382

The acute psychiatric diagnostic interview. Lake CR, et al. **Psychiatr Clin North Am** 1984 Dec;7(4):657-70

Systematic diagnostic interviewing of children: present state and future possibilities. Herjanic B. **Psychiatr Dev** 1984 Summer;2(2):115-30

Use of an integrative interview to manage somatization. Holt RE, et al. **Psychosomatics** 1984 Sep;25(9):663-9

[Uses and disturbing effect of videodocumentation of diagnostic interviews] Neuser J. **Psychiatr Prax** 1984 Nov;11(6):190-5 (Eng. Abstr.) **(Ger)**

INTERVIEWS

A method for the teaching of interviewing skills. Kastner LS, et al. **Am J Dis Child** 1985 Sep;139(9):899-902

Human rights and interviews. McCabe MS. **Arch Gen Psychiatry** 1977 Nov;34(11):1369-71

A tool for the assessment and achievement of family goals within the clinical genetics service. Scott RV, et al. **Birth Defects** 1984;20(6):147-50

Comparison of mail questionnaire and telephone interview as data gathering strategies in a survey of attitudes toward restrictions on cigarette smoking. Pederson LL, et al. **Can J Public Health** 1985 May-Jun;76(3):179-82

Alternate generation education: a developmental curriculum for secondary schools. Hatfield T. **Int J Aging Hum Dev** 1984;19(3):223-34

Eyewitness memory enhancement in the police interview: cognitive retrieval mnemonics versus hypnosis. Geiselman RE, et al. **J Appl Psychol** 1985 May;70(2):401-12

Comparison of ante-natal hospital records with retrospective interviewing. Joffe M, et al. **J Biosoc Sci** 1985 Jan;17(1):113-9

Characteristics of older nonrespondents over five waves of a panel study. Norris FH. **J Gerontol** 1985 Sep;40(5):627-36

Introduction to interviewing patients. Lenkei E, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):911-2

Diagnosing technique problems in interviewing patients. Lichstein PR, et al. **J Med Educ** 1985 Jul;60(7):566-8

Patient responses to a training interview. Shore BE, et al. **J Med Educ** 1984 Nov;59(11 Pt 1):901-3

The significance of the admission interview in predicting students' performance in dental school. Walker JD, et al. **J Med Educ** 1985 Jul;60(7):569-71

The residency interview [letter] Weiss ST. **J Med Educ** 1984 Oct;59(10):848

Population-based occupational cancer incidence surveillance. Utilization of the telephone interview. Swanson GM, et al. **J Occup Med** 1985 Jun;27(6):439-44

Consultation use of a computer by general practitioners. Herzmark G, et al. **J R Coll Gen Pract** 1984 Dec;34(269):649-54

The role of focus group interviews in designing a smoking prevention program. Heimann-Ratain G, et al. **J Sch Health** 1985 Jan;55(1):13-6

Information-gathering and attentional strategies: individual differences in medical students. Barroso F. **Med Educ** 1985 May;19(3):214-9

Oral examinations in medical education. Jayawickramarajah PT. **Med Educ** 1985 Jul;19(4):290-3

OSMA media training seminars: facing the camera. Porter S. **Ohio State Med J** 1984 Nov;80(11):789-92

Byrne and Long: a classification for rating the interview style of doctors. Buijs R, et al. **Soc Sci Med** 1984;19(7):683-90

[Household interviews and teaching and research in epidemiology] Barros MB, et al. **Rev Saude Publica** 1984 Oct;18(5):411-7 (Eng. Abstr.) **(Por)**

METHODS

A comparison of computer-assisted and hard copy telephone interviewing. Harlow BL, et al. **Am J Epidemiol** 1985 Aug;122(2):335-40

A method to assess the environment for genetic studies: the Common Environment Index and the Household Relationships Interview. Hunter SM, et al. **Am J Med Genet** 1985 Jun;21(2):325-35

The bilateral job interview. The interviewer prepares. Manley MJ, et al. **Am J Nurs** 1984 Oct;84(10):1237-41

The bilateral job interview. The interviewee prepares. Myli AR, et al. **Am J Nurs** 1984 Oct;84(10):1238-41

Impact of a residency program information videotape on resident selection interviewing as a time-saving strategy. Greene HL, et al. **J Med Educ** 1985 Apr;60(4):335-7

A method for eliciting beliefs about food and child feeding in Papua New Guinea: the MACHIK Interview. Jenkins C, et al. **Papua New Guinea Med J** 1984 Mar;27(1):11-5

STANDARDS

The helping interview in counselling and psychotherapy. Barrett-Lennard GT. **Br J Hosp Med** 1985 May;33(5):287-90

Response errors and other problems of health interview surveys in developing countries. Kroeger A. **World Health Stat Q** 1985;38(1):15-37 (87 ref.) **(Eng, Fre)**

INTESTINAL ABSORPTION

see related

MALABSORPTION SYNDROMES

Estriol: absorption after long-term vaginal treatment and gastrointestinal absorption as influenced by a meal. Heimer G, et al. **Acta Obstet Gynecol Scand** 1984;63(6):563-7

Studies on absorption and distribution of ginsenoside Rg-1 by whole-body autoradiography and chromatography. Strömbom J, et al. **Acta Pharm Suec** 1985;22(3):113-22

In vivo absorption of theophylline and salicylic acid from rat small intestine. Johansson O, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):335-8

The effects of different vitamin D-states on intestinal absorption of vitamin D3 and its metabolites in rats. Lorentzon R, et al. **Acta Physiol Scand** 1985 Apr;123(4):437-44

The importance of nervous and humoral factors in the control of vascular resistance, blood flow distribution and net fluid absorption in the cat small intestine during hemorrhage. Redfors S, et al. **Acta Physiol Scand** 1984 Aug;121(4):305-15

Sympathetic control of jejunal fluid and electrolyte transport. An experimental study in cats and rats. Sjövall H. **Acta Physiol Scand [Suppl]** 1984;535:1-63

Dissociation of absorptions of calcium and phosphate in different pathophysiological states in man. Gennari C, et al. **Adv Exp Med Biol** 1984;178:195-204

Gastrointestinal digestion and absorption of lipid. Tso P. **Adv Lipid Res** 1985;21:143-86 (275 ref.)

Nutrient absorption in gnotobiotic animals. Bruckner G, et al. **Adv Nutr Res** 1984;6:271-332 (360 ref.)

Chromium intake, absorption and excretion of subjects consuming self-selected diets. Anderson RA, et al. **Am J Clin Nutr** 1985 Jun;41(6):1177-83

Jejunal uptake of thiamin hydrochloride in man: influence of alcoholism and alcohol. Breen KJ, et al. **Am J Clin Nutr** 1985 Jul;42(1):121-6

Absorption of nutrient energy in southern Indian control subjects and patients with tropical sprue. Chacko A, et al. **Am J Clin Nutr** 1984 Oct;40(4):771-5

Absorption of starch by healthy ileostomates: effect of transit time and of carbohydrate load. Chapman RW, et al. **Am J Clin Nutr** 1985 Jun;41(6):1244-8

Mineral contents of brans passed through the human GI tract. Dintzis FR, et al. **Am J Clin Nutr** 1985 May;41(5):901-8

The absorption of cholesterol and the sterol balance in the Tarahumara Indians of Mexico fed cholesterol-free and high cholesterol diets. McMurry MP, et al. **Am J Clin Nutr** 1985 Jun;41(6):1289-98

Absorption kinetics of oxalate from oxalate-rich food in man. Prenen JA, et al. **Am J Clin Nutr** 1984 Nov;40(5):1007-10

Intestinal maturation: effect of growth retardation on L-valine absorption. Younoszai MK. **Am J Clin Nutr** 1984 Dec;40(6):1243-9

Warfarin absorption after massive small bowel resection. Lutomski DM, et al. **Am J Gastroenterol** 1985 Feb;80(2):99-102

Measurement of intestinal permeability using 51Cr-EDTA. Peled Y, et al. **Am J Gastroenterol** 1985 Oct;80(10):770-3

Duodenal aluminum absorption in the rat: effect of vitamin D. Adler AJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G209-13

Saturable and nonsaturable copper and calcium transport in mouse duodenum. Bronner F, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G108-12

Age-related changes in rat intestinal transport of D-glucose, sodium, and water. Esposito G, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G328-34

Evidence for protein kinase C as a regulator of intestinal electrolyte transport. Fondacaro JD, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G422-6

Is intestinal peptide transport energized by a proton gradient? Ganapathy, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G153-60 (40 ref.)

Studies of carnitine metabolism in relation to intestinal absorption. Gudjonsson H, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G313-9

Dietary fat assimilation and bile salt absorption in the killifish intestine. Honkanen RE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G399-407

Weak electrolyte absorption modeling: comment on a contribution [letter] Jackson MJ. **Am J Physiol** 1985 Mar;248(3 Pt 1):G380-3

What transport adaptations enable mammals to absorb sugars and amino acids faster than reptiles? Karasov WH, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G271-83

Sodium and chloride transport across rabbit ileal brush border. II. Evidence for Cl-HCO3 exchange and mechanism of coupling. Knickelbein R, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G236-45

Control of intestinal absorption by the renin-angiotensin system. Levens NR. **Am J Physiol** 1985 Jul;249(1 Pt 1):G3-15 (117 ref.)

A contribution to analysis of three-compartment models for intestinal weak electrolyte absorption. Lucas ML. **Am J Physiol** 1984 Nov;247(5 Pt 1):G463-7

Intestinal metabolism and portal venous transport of 1,25(OH)2D3, 25(OH)D3, and vitamin D3 in the rat. McDonald GB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G633-8

How laboratory dogs accommodate meals of different size but similar composition. Nomura M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E101-7

Phosphate transport in intestinal brush-border membrane vesicles: effect of pH and dietary phosphate. Quamme GA. **Am J Physiol** 1985 Aug;249(2 Pt 1):G168-76

Is gastric sham feeding really sham feeding? Sclafani A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R387-90

Intestinal absorption of 1,25-dihydroxyvitamin D3 in the rat. Sitrin MD, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G718-25

Evidence for separate sympathetic regulation of fluid absorption and blood flow in the feline jejunum. Sjövall H. **Am J Physiol** 1984 Nov;247(5 Pt 1):G510-4

Kinetics of zinc absorption by luminally and vascularly perfused rat intestine. Steel L, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G46-53

Calcium regulation in blowflies: absence of a role for midgut. Taylor CW. **Am J Physiol** 1985 Aug;249(2 Pt 2):R209-13

Jejunal-ileal differences in dopaminergic but not alpha-adrenergic antisecretory effects. Wahawisan R, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G332-6

Macromolecular absorption of food antigens in health and disease. Reinhardt MC. **Ann Allergy** 1984 Dec;53(6 Pt 2):597-601 (35 ref.)

Estimation of true calcium absorption. Heaney RP, et al. **Ann Intern Med** 1985 Oct;103(4):516-21

Origin and fate of cholesterol in rat plasma lipoproteins in vivo. II. Modelling of cholesterol absorption and its release into plasma lipoproteins. Magot T, et al. **Ann Nutr Metab** 1985;29(3):160-74

Expression of digestive and absorptive function in differentiating enterocytes. Smith MW. **Annu Rev Physiol** 1985;47:247-60 (57 ref.)

Hepatic control of food intake. Koopmans HS. **Appetite** 1984 Jun;5(2):127-35

Intestinal permeability changes and excretion of micro-organisms in stools of infants with diarrhoea and vomiting. Weaver LT, et al. **Arch Dis Child** 1985 Apr;60(4):326-32

Intestinal absorption of cholesterol autoxidation products in the rat. Fornas E, et al. **Arch Farmacol Toxicol** 1984 Dec;10(3):175-82

A method of studying the intestinal absorption of aluminium in the rat. van der Voet GB, et al. **Arch Toxicol** 1984 Sep;55(3):168-72

Intestinal absorption and excretion of thallium (201Tl) in the rat. Sabbioni E, et al. **Arch Toxicol [Suppl]** 1984;7:446-50

Absorption of D-xylose in full term newborns adequate for gestational age: prospective study up to third month. Harima CY, et al. **Arq Gastroenterol** 1984 Jan-Mar;21(1):35-8

Quantitation of intestinal D-xylose absorption in normal and reovirus-inoculated turkeys. Goodwin MA, et al. **Avian Dis** 1984 Oct-Dec;28(4):959-67

In vivo 13C nuclear magnetic resonance spectroscopy using a solenoid transmit/receiver coil. Field J, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):882-7

Isolation and characterization of rat intestinal polyribosomes and RNA during absorption of fat. Increased translation in vitro of apo-AIV. Pessah M, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):373-81

Absorption and urinary excretion of oxalates following massive small bowel resection and colon interposition in rhesus monkeys. Sidhu GS, et al. **Biochem Int** 1984 Oct;9(4):421-7

Lysosomal localisation of cobalamin during absorption by the ileum of the dog. Horadagoda NU, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):206-10

Intracellular digestion of saturated and unsaturated phospholipid liposomes by mucosal cells. Possible mechanism of transport of liposomally entrapped macromolecules across the isolated vascularly perfused rabbit ileum. Patel HM, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):40-9

Kinetic studies on IgG transport by the jejunum of the neonatal rat. Solari R, et al. **Biol Neonate** 1984;46(4):163-70

Intestinal assimilation of intact peptides and proteins from the diet--a neglected field? Gardner ML. **Biol Rev** 1984 Aug;59(3):289-331 (274 ref.)

Intestinal biosynthesis of apolipoproteins during active fat absorption in rabbits. Bergmann S, et al. **Biomed Biochim Acta** 1984;43(4):457-62

Absorption of theophylline from two sustained release formulations. Selen A, et al. **Biopharm Drug Dispos** 1985 Apr-Jun;6(2):217-21

Effect of hypophysectomy on intestinal phosphate absorption in rats. Aloia JF, et al. **Bone** 1985;6(2):73-7

Oxprenolol absorption in man after single bolus dosing into two segments of the colon compared with that after oral dosing. Antonin KH, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:137S-142S

Pharmacokinetic investigation of the absorption of oxprenolol from Oros delivery systems in healthy volunteers: comparison of in vivo and in vitro drug release. Bradbrook ID, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:163S-169S

Gastric, intestinal and colonic absorption of metoprolol in the rat. Doménech J, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:85S-89S

Investigation of drug absorption from the gastrointestinal tract of man. IV. Influence of food and digestive secretions on metoprolol jejunal absorption. Evard D, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:119S-125S

Evaluation of oxprenolol and metoprolol Oros systems in the dog: comparison of in vivo and in vitro drug release, and of drug absorption from duodenal and colonic infusion sites. Fara JW, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:91S-95S

Investigation of drug absorption from the gastrointestinal tract of man. III. Metoprolol in the colon. Godbillon J, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:113S-118S

The gastrointestinal absorption of drugs in man: a review of current concepts and methods of investigation. Hirtz J. **Br J Clin Pharmacol** 1985;19 Suppl 2:77S-83S (32 ref.)

Investigation of drug absorption from the gastrointestinal tract of man. I. Metoprolol in the stomach, duodenum and jejunum. Jobin G, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:97S-105S

Influence of food on the absorption of metoprolol administered as an Oros drug delivery system to man. Lecaillon JB, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:245S-249S

Investigation of drug absorption from the gastrointestinal tract of man. II. Metoprolol in the jejunum and ileum. Vidon N, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:107S-112S

Circadian variation in the absorption of three sustained release theophylline products in asthmatic children and the effect of food on absorption of Somophyllin-CRT. Birkett DJ, et al. **Br J Clin Pract [Symp Suppl]** 1984;35:17-23

In vitro modelling and its relation to in vivo absorption. Jonkman JH. **Br J Clin Pract [Symp Suppl]** 1984;35:5-9

Intestinal permeability in patients with atopic eczema. Bjarnason I, et al. **Br J Dermatol** 1985 Mar;112(3):291-7

Magnesium absorption in mature ewes infused intrarumenally with magnesium chloride. McLean AF, et al. **Br J Nutr** 1984 Nov;52(3):523-7

Absorption of electrolytes and volatile fatty acids in the hind-gut of the rabbit. Circadian rhythm of hind-gut electrolytes and plasma aldosterone. Vernay M, et al. **Br J Nutr** 1984 Sep;52(2):419-28

The effect of resection of the distal ileum on gastric emptying, small bowel transit and absorption after proctocolectomy. Neal DE, et al. **Br J Surg** 1984 Sep;71(9):666-70

The effect of a reversed ileal segment and artificial valve on intestinal transit and absorption following colectomy and low ileorectal anastomosis in the dog. Williams NS, et al. **Br J Surg** 1985 Mar;72(3):169-74

Phenytoin absorption following jejunoileal bypass. Peterson DI. **Bull Clin Neurosci** 1983;48:148-9

Amino acid and dipeptide absorption in rats fed chemically defined diets of differing fiber composition. Freeman HJ. **Can J Physiol Pharmacol** 1984 Sep;62(9):1097-101

Intestinal absorption of free oleic acid in the unanesthetized rat: evidence for a saturable component? Hollander D, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1136-40

Structure-intestinal transport and structure-metabolism correlations of some potential cancerostatic pyrimidine nucleosides in isolated rat jejunum. Novotný L, et al. **Cancer Chemother Pharmacol** 1984;13(3):195-9

Small intestinal transit time affects methotrexate absorption in children with acute lymphoblastic leukemia. Pearson AD, et al. **Cancer Chemother Pharmacol** 1985;14(3):211-5

Use of decline in D-xylose absorption to predict infection following intensive chemotherapy. Pegues DA, et al. **Cancer Treat Rep** 1984 Dec;68(12):1489-91

Pharmacokinetics of nitrate in humans: role of gastrointestinal absorption and metabolism. Schultz DS, et al. **Carcinogenesis** 1985 Jun;6(6):847-52

Rectal absorption of [Asu1,7]-eel calcitonin in rats. Miyake M, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):740-5

Improvement of bioavailability of poorly intestinally absorbed drugs from medium-chain glyceride base. Enhancement of the rectal absorption of cefmetazole sodium in rabbits. Sekine M, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4189-92

Serum vitamin B12 levels and dual isotope test for vitamin B12 malabsorption in atrophic gastritis. Xiao SD, et al. **Chin Med J [Engl]** 1985 May;98(5):349-52

Regulation of water and ion movement in intestine. Powell DW, et al. **Ciba Found Symp** 1985;112:14-33

Alimentary absorption of gentamicin in preterm infants. Bhat AM, et al. **Clin Pediatr (Phila)** 1984 Dec;23(12):683-5

Absorption characteristics of three phenytoin sodium products after administration of oral loading doses. Goff DA, et al. **Clin Pharm** 1984 Nov-Dec;3(6):634-8

Warfarin absorption in a patient with short-bowel syndrome. Lehman ME, et al. **Clin Pharm** 1985 May-Jun;4(3):325-6

Effect of delayed esophageal transit on acetaminophen absorption. Channer KS, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):72-6

Gastrointestinal absorption as a function of age: xylose absorption in healthy adults. Johnson SL, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):331-5

Segmental differences in K-transport across rabbit proximal and distal colon in vivo and in vitro. Clauss W, et al. **Comp Biochem Physiol [A]** 1984;79(2):267-9

Digestive and absorptive functions along dog small intestine: comparative distributions in relation to biochemical and morphological parameters. Laganière S, et al. **Comp Biochem Physiol [A]** 1984;79(3):463-72

In vitro intestinal absorption of glycine and L-alanine by rainbow trout, Salmo gairdnerii, Rich. Marcotte G, et al. **Comp Biochem Physiol [A]** 1984;79(2):209-13

In vitro absorption of inorganic phosphate and other electrolytes in the carp intestine. Nakamura Y. **Comp Biochem Physiol [A]** 1985;80(1):17-20

Sodium-dependent absorption of inorganic phosphate by the carp intestine. Nakamura Y. **Comp Biochem Physiol [A]** 1985;80(3):437-9

Avian species differences in the intestinal absorption of xenobiotics (PCB, dieldrin, Hg2+). Serafin JA. **Comp Biochem Physiol [C]** 1984;78(2):491-6

Intestinal absorption of ST-1435 in rats. Lähteenmäki PL. **Contraception** 1984 Aug;30(2):143-51

Absorption of an oral contraceptive gestagen in ulcerative colitis before and after proctocolectomy and construction of a continent ileostomy. Nilsson LO, et al. **Contraception** 1985 Feb;31(2):195-204

The surgical treatment of morbid obesity. Carey LC, et al. **Curr Probl Surg** 1984 Oct;21(10):1-78 (369 ref.)

Phosphate transport by jejunal brush border membrane vesicles of the streptozocin-diabetic rat. Ghishan FK, et al. **Diabetes** 1985 Aug;34(8):723-7

Absorption of carbohydrate-electrolyte solutions in rat duodenojejunum. Implications for the composition of oral electrolyte solutions in man. Saunders DR, et al. **Dig Dis Sci** 1985 Feb;30(2):154-60

Absorption studies after massive small bowel resection and antiperistaltic colon interposition in rhesus monkeys. Sidhu GS, et al. **Dig Dis Sci** 1985 May;30(5):483-8

Fecal loss of cholecalciferol in gastrectomized rats. Meyer MS, et al. **Digestion** 1984;30(4):200-3

Absorption of urso- and chenodeoxycholic acid and their taurine and glycine conjugates in rat jejunum, ileum, and colon. Walker S, et al. **Digestion** 1985;32(1):47-52

Effect of truncal vagotomy on GIP release induced by intraduodenal glucose or fat in dogs. Yoshiya K, et al. **Digestion** 1985;31(1):41-6

Gastrointestinal and dermal absorption: interspecies differences. Calabrese EJ. **Drug Metab Rev** 1984;15(5-6):1013-32 (69 ref.)

Influence of food on the absorption of hydrocortisone from the gastrointestinal tract. Barbhaiya RH, et al. **Drug Nutr Interact** 1982;1(2):103-12

Intestinal folate conjugase activity and folate absorption in the ethanol-fed pregnant rat. Leichter J, et al. **Drug Nutr Interact** 1984;3(1):53-9

A role for the intestine in the bone disease of juvenile X-linked hypophosphatemic mice: malabsorption of calcium and reduced skeletal mineralization. Meyer MH, et al. **Endocrinology** 1984 Oct;115(4):1464-70

Gastrointestinal absorption of metals (51Cr, 65Zn, 95mTc, 109Cd, 113Sn, 147Pm, and 238Pu) by rats and swine. Sullivan MF, et al. **Environ Res** 1984 Dec;35(2):439-53

Effect of concomitant food intake on absorption kinetics of erythromycin in healthy volunteers. Hovi T, et al. **Eur J Clin Pharmacol** 1985;28(2):231-3

Food reduces the rate but not the extent of the absorption of theophylline from an aqueous solution. Jonkman JH, et al. **Eur J Clin Pharmacol** 1985;28(2):225-7

Absorption of enprofylline from the gastrointestinal tract in healthy subjects. Lunell E, et al. **Eur J Clin Pharmacol** 1984;27(3):329-33

Tests for the absorption of 75Se-labelled homocholic acid conjugated with taurine (75Se-HCAT). Schroth HJ, et al. **Eur J Nucl Med** 1985;10(9-10):455-7

Intestinal absorption and renal excretion of biotin in patients with biotinidase deficiency. Suormala T, et al. **Eur J Pediatr** 1985 May;144(1):21-6

Enterosorption in prolonging old animal lifespan. Frolkis VV, et al. **Exp Gerontol** 1984;19(4):217-25

Nippostrongylus brasiliensis: malabsorption in experimentally infected rats. Nolla H, et al. **Exp Parasitol** 1985 Apr;59(2):180-4

Reversal of net secretion to net absorption of potassium in rat large intestine by dietary potassium depletion. Scharrer E. **Experientia** 1985 Jun 15;41(6):728-30

Absorption of 3-amino-1-methyl-5H-pyrido[4,3-b]indole, a mutagen-carcinogen present in tryptophan pyrolysate, from the gastro-intestinal tract in the rat. Kimura T, et al. **Gann** 1985 Apr;76(4):272-7

VIth meeting of the European Intestinal Transport Group. Pamplona, Spain, September 27-29, 1984. **Gastroenterol Clin Biol** 1984 Nov;8(11):861-75

How does cobalamin (vitamin B12) enter and traverse the ileal cell? [editorial] Donaldson RM Jr. **Gastroenterology** 1985 Apr;88(4):1069-71

Enhanced glucose absorption in the jejunum of patients with cystic fibrosis. Frase LL, et al. **Gastroenterology** 1985 Feb;88(2):478-84

Effect of ileal infusion of intralipid on gastrointestinal transit, ileal flow rate, and carbohydrate absorption in humans after ingestion of a liquid meal. Holgate AM, et al. **Gastroenterology** 1985 Apr;88(4):1005-11

Altered jejunal permeability to macromolecules during viral enteritis in the piglet. Keljo DJ, et al. **Gastroenterology** 1985 Apr;88(4):998-1004

Jejunal secretory effect of intraduodenal food in humans. A comparison of mixed nutrients, proteins, lipids, and carbohydrates. Miazza B, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1215-22

In vivo evidence that cobalamin is absorbed by receptor-mediated endocytosis in the mouse. Robertson JA, et al. **Gastroenterology** 1985 Apr;88(4):908-12

Medication washout [letter] Shah A, et al. **Gastrointest Endosc** 1985 Aug;31(4):291

Colonic absorption of 1,2-dimethyl hydrazine (DMH) in the rat. Meshkinpour H, et al. **Gen Pharmacol** 1985;16(1):61-4

Intestinal permeability to 51Cr-EDTA in rats with experimentally induced enteropathy. Bjarnason I, et al. **Gut** 1985 Jun;26(6):579-85

Influence of protein composition and hydrolysis method on intestinal absorption of protein in man. Keohane PP, et al. **Gut** 1985 Sep;26(9):907-13

Acetate absorption and metabolism in the rabbit hindgut. Marty JF, et al. **Gut** 1985 Jun;26(6):562-9

Cellobiose/mannitol sugar permeability test complements biopsy histopathology in clinical investigation of the jejunum. Strobel S, et al. **Gut** 1984 Nov;25(11):1241-6

Further studies on the influence of chemical form and dose on absorptions of Np, Pu, Am and Cm from the gastrointestinal tracts of adult and neonatal rodents. Sullivan MF, et al. **Health Phys** 1985 Jan;48(1):61-73

Does malabsorption occur in chronic atrophic duodenitis? Cheli R, et al. **Hepatogastroenterology** 1984 Dec;31(6):272-3

Absorption of elastase through the jejunal mucosa of the rat. An immunocytochemical study. Tsujii T, et al. **Histochemistry** 1984;81(5):427-33

Effects of meals and meal times on uptake of lead from the gastrointestinal tract in humans. James HM, et al. **Hum Toxicol** 1985 Jul;4(4):401-7

Absorption, secretion and excretion of dimethylamine in rats. Ishiwata H, et al. **IARC Sci Publ** 1984;(57):255-60

Evaluation of effectiveness of clofazimine therapy. I. Monitoring of absorption of clofazimine from gastrointestinal tract. Mathur A, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):146-8

Evidence of increased intestinal absorption of oxalate in rats induced for bladder stone. Farooqui S, et al. **Indian J Exp Biol** 1984 Oct;22(10):555-6

Lymphocyte proliferation & intestinal absorptive functions in mice infected with Giardia lamblia. Radhakrishna V, et al. **Indian J Med Res** 1984 Aug;80:159-63

Simultaneous measurement of gastric-small intestine motility & absorption of proline in rats exposed to heat. Sharma RK. **Indian J Med Res** 1985 Mar;81:330-41

A modified D-xylose absorption test. Weiner R, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):333-7

Intestinal absorption of bacterial antigens in normal adult mice. II. A comparative study of techniques. Lim PL, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):30-6

Intestinal absorption of bacterial antigens in normal adult mice. I. Preparation and characterization of the antigens. Lim PL, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):25-9

Zidometacin: pharmacokinetic study on oral absorption. Bonardi G, et al. **Int J Clin Pharmacol Res** 1984;4(6):419-23

The absorption of ingested neptunium, plutonium and americium in newborn hamsters. David AJ, et al. **Int J Radiat Biol** 1984 Sep;46(3):279-86

The effect of concentration and chemical form on the gastrointestinal absorption of neptunium. Harrison JD, et al. **Int J Radiat Biol** 1984 Sep;46(3):269-77

Absorption of minocycline hydrochloride and tetracycline hydrochloride. Effect of food, milk, and iron. Leyden JJ. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):308-12

Net absorption of amino acids by portal-drained viscera and hind half of beef cattle fed a high concentrate diet. Huntington GB, et al. **J Anim Sci** 1985 Jun;60(6):1491-9

Comparative clinical study on the absorption of orally administered amoxycillin and bacampicillin. Meenhorst PL, et al. **J Antimicrob Chemother** 1984 Sep;14(3):267-74

Lateral hypothalamic responses to pre-absorptive and post-absorptive signals related to amino acid ingestion. Jeanningros R. **J Auton Nerv Syst** 1984 May-Jun;10(3-4):261-8

Role of alkaline phosphatase in phosphate uptake into brush border membrane vesicles from human intestinal mucosa. Hirano K, et al. **J Biochem (Tokyo)** 1985 May;97(5):1461-6

The defect of intestinal calcium transport in hyperthyroidism and its response to therapy. Peerenboom H, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):936-40

Small intestinal permeability in clinical practice [editorial] Cooper BT. **J Clin Gastroenterol** 1984 Dec;6(6):499-501

Theoretical model of gastrointestinal absorption of lead. Healy MA. **J Clin Hosp Pharm** 1984 Sep;9(3):257-61

Factors contributing to variability in drug pharmacokinetics. I. Absorption. Welling PG, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):163-79 (80 ref.)

Diarrhea in streptozocin-treated rats. Loss of adrenergic regulation of intestinal fluid and electrolyte transport. Chang EB, et al. **J Clin Invest** 1985 May;75(5):1666-70

Use of carbon monoxide to measure luminal stirring in the rat gut. Levitt MD, et al. **J Clin Invest** 1984 Dec;74(6):2056-64

Time-dependent absorption of theophylline in man. Watanabe H, et al. **J Clin Pharmacol** 1984 Nov-Dec;24(11-12):509-14

Calcium and phosphorus absorption in lambs exposed to Trichostrongylus colubriformis. Poppi DP, et al. **J Comp Pathol** 1985 Jul;95(3):453-64

Net absorption of glucose and nitrogenous compounds by lactating Holstein cows. Huntington GB. **J Dairy Sci** 1984 Sep;67(9):1919-27

Digestion and absorption of lipids and bile acids in sheep fed stearic acid, oleic acid, or tristearin. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1667-75

Movement and absorption of major minerals and water in ovine gastrointestinal tract. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1659-66

Digestion and absorption of protein along ovine gastrointestinal tract. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1676-81

Receptor mechanisms of the neonatal intestine and their relationship to immunoglobulin absorption and disease. Staley TE, et al. **J Dairy Sci** 1985 Jan;68(1):184-205 (91 ref.)

Electrophysiology of flounder intestinal mucosa. II. Relation of the electrical potential profile to coupled NaCl absorption. Halm DR, et al. **J Gen Physiol** 1985 Jun;85(6):865-83

Role of solute drag in intestinal transport. Mullen TL, et al. **J Gen Physiol** 1985 Mar;85(3):347-63

Intestinal absorption of glucose in rats after continuous challenge with larvae of Nippostrongylus brasiliensis. Cheema KJ, et al. **J Helminthol** 1984 Sep;58(3):263-6

Absorption of 13C-labeled stearic, oleic, and linoleic acids in humans: application to breath tests. Jones PJ, et al. **J Lab Clin Med** 1985 Jun;105(6):647-52

Coassimilation of dietary fat and benzo(a)pyrene in the small intestine: an absorption model using the killifish. Vetter RD, et al. **J Lipid Res** 1985 Apr;26(4):428-34

Evaluation of the contribution of dietary cholesterol to hypercholesterolemia in diabetic rats and of sitosterol as a recovery standard for cholesterol absorption. Young NL, et al. **J Lipid Res** 1985 Jan;26(1):62-9

Structure of zonulae occludentes and the permeability of the epithelium to short-chain fatty acids in the proximal and the distal colon of guinea pig. Luciano L, et al. **J Membr Biol** 1984;82(2):145-56

Xylose absorption in Down's syndrome. Williams CA, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):173-7

Active absorption of selenate by rat ileum. Ardüser F, et al. **J Nutr** 1985 Sep;115(9):1203-8

Effect of age on poly- and monoglutamyl folacin absorption in human subjects. Bailey LB, et al. **J Nutr** 1984 Oct;114(10):1770-6

Absorption by the rhesus monkey of phenylalanine methyl ester and species differences in its metabolism by blood, plasma and intestinal mucosa. Burton EG, et al. **J Nutr** 1984 Oct;114(10):1940-5

Stimulation of absorption of volatile fatty acids and minerals in the cecum of rats adapted to a very high fiber diet. Demigné C, et al. **J Nutr** 1985 Jan;115(1):53-60

Dual-isotope method for determination of human zinc absorption: the use of a test meal of turkey meat. Flanagan PR, et al. **J Nutr** 1985 Jan;115(1):111-22

Absorption, distribution and endogenous excretion of zinc by rats fed various dietary levels of inorganic tin and zinc. Johnson MA, et al. **J Nutr** 1984 Oct;114(10):1843-52

Intestinal absorption and excretion of zinc in streptozotocin-diabetic rats as affected by dietary zinc and protein. Johnson WT, et al. **J Nutr** 1985 Sep;115(9):1217-27

Differential absorption of zinc and low-molecular-weight ligands in the rat gut in protein-energy malnutrition. Wapnir RA, et al. **J Nutr** 1985 Jul;115(7):900-8

In vivo intestinal absorption of selenate and selenite by rats. Wolffram S, et al. **J Nutr** 1985 Apr;115(4):454-9

Intestinal absorption of thiamin in man compared with folate and pyridoxal and its subsequent urinary excretion. Davis RE, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):475-82

Effect of size of Trichinella spiralis (Nematode) infections on glucose and ion transport in the rat intestine. Sukhdeo MV, et al. **J Parasitol** 1984 Aug;70(4):499-506

Improved prognosis in CF patients with normal fat absorption. Corey M, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S99-105

Rectal or axillary temperature measurement: effect on plasma bilirubin and intestinal transit of meconium. Cottrell BH, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):734-9

Intestinal sugar permeability: relationship to diarrhoeal disease and small bowel morphology. Ford RP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):568-74

Intestinal absorption of manganese in experimental malnutrition. Garcia-Aranda JA, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):602-7

Effect of nutritional method on adaptation of the intestinal remnant after massive bowel resection. Al-Jurf AS, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):245-52

Applications of stable isotopes to pediatric nutrition and gastroenterology: measurement of nutrient absorption and digestion using 13C. Klein PD, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):9-19 (46 ref.)

Intestinal permeability [editorial] Lifschitz C. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):520-2

Timing of the gut closure. Vukavić T. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):700-3

Intraduodenal events in cystic fibrosis. Weber AM, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S113-9

Luminal nutrients and intestinal adaptation. Weser E. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):165-6

Dose-dependent absorption of disodium etidronate. Gural RP, et al. **J Pharm Pharmacol** 1985 Jun;37(6):443-5

The promotion of drug rectal absorption by water absorption. Shiga M, et al. **J Pharm Pharmacol** 1985 Jun;37(6):446-7

The absorption of beta-adrenoceptor antagonists in rat in-situ small intestine; the effect of lipophilicity. Taylor DC, et al. **J Pharm Pharmacol** 1985 Apr;37(4):280-3

Assessment of drug absorption after oral administration. Chan KK, et al. **J Pharm Sci** 1985 Apr;74(4):388-93

Absorption potential: estimating the fraction absorbed for orally administered compounds. Dressman JB, et al. **J Pharm Sci** 1985 May;74(5):588-9

Physicochemical model for dose-dependent drug absorption. Dressman JB, et al. **J Pharm Sci** 1984 Sep;73(9):1274-9

Kinetics of aspirin absorption following oral administration of six aqueous solutions with different buffer capacities. Mason WD. **J Pharm Sci** 1984 Sep;73(9):1258-61

Physical model approach to gastrointestinal absorption of prostaglandins II: In situ rat intestinal absorption of dinoprost. Park JY, et al. **J Pharm Sci** 1984 Nov;73(11):1588-94

Physical model approach to gastrointestinal absorption of prostaglandins III: In situ rat intestinal absorption of dinoprostone. Rogers JD, et al. **J Pharm Sci** 1984 Nov;73(11):1594-9

Gastric and intestinal absorption of captopril in acutely and chronically treated rats: comparison with salicylic acid. Worland PJ, et al. **J Pharm Sci** 1984 Dec;73(12):1755-8

Use of PKM-MULTI program for fitting discontinuous absorption profiles using a microcomputer. Kaniwa N, et al. **J Pharmacobiodyn** 1984 Dec;7(12):900-9

Intestinal absorption mechanism of amino-beta-lactam antibiotics. III. Kinetics of carrier-mediated transport across the rat small intestine in situ. Nakashima E, et al. **J Pharmacobiodyn** 1984 Jul;7(7):452-64

Intestinal absorption of ursodeoxycholic, glycoursodeoxycholic and tauroursodeoxycholic acids in rats. Ota M, et al. **J Pharmacobiodyn** 1985 Feb;8(2):114-8

Alteration of histamine, serotonin and primary prostaglandin in case of diarrhea induced by endotoxin and gastrointestinal absorption of drug. Sakurai E, et al. **J Pharmacobiodyn** 1985 Mar;8(3):186-92

Drug absorption from the gastrointestinal tract and immunity: the mechanism of the decreased absorption of salicylic acid during systemic anaphylaxis. I. Yamamoto A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):728-36

Drug absorption from the gastrointestinal tract and immunity: the mechanism of the decreased absorption of salicylic acid during systemic anaphylaxis. II. Yamamoto A, et al. **J Pharmacobiodyn** 1984 Oct;7(10):737-46

Intestinal absorption mechanisms of gamma-butyrolactone-gamma-carbonyl-L-histidyl-L-pr citrate (DN-1417) and thyrotropin-releasing hormone (TRH). Yokohama S, et al. **J Pharmacobiodyn** 1985 Apr;8(4):278-85

Intestinal absorption mechanisms of thyrotropin-releasing hormone. Yokohama S, et al. **J Pharmacobiodyn** 1984 Jul;7(7):445-51

Absorption of gamma-butyrolactone-gamma-carbonyl-L-histidyl-L-pr citrate (DN-1417), an analog of thyrotropin-releasing hormone, in rats and dogs. Yokohama S, et al. **J Pharmacobiodyn** 1984 Aug;7(8):527-35

A laminar flow absorption model for a carrier-mediated transport in the intestinal tract. Yuasa H, et al. **J Pharmacobiodyn** 1984 Aug;7(8):604-6

Disposition of enalapril in the perfused rat intestine-liver preparation: absorption, metabolism and first-pass effect. Pang KS, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):788-95

Intraluminal distension pressure on intestinal lymph flow, serosal transudation and fluid transport in the rat. Lee JS. **J Physiol (Lond)** 1984 Oct;355:399-409

Effect of different drinks on fluid and electrolyte losses from a jejunostomy. Newton CR, et al. **J R Soc Med** 1985 Jan;78(1):27-34

Intestinal absorption of maternal leucocytes by newborn lambs. Schnorr KL, et al. **J Reprod Immunol** 1984 Aug;6(5):329-37

Intestinal absorption of oestrone, oestrone glucuronide and oestrone sulphate in the rat in situ--I. Importance of hydrolytic enzymes on conjugate absorption. Sim SM, et al. **J Steroid Biochem** 1985 Jun;22(6):781-8

A theoretical model for calcium absorption from the intestinal lumen. Heideger WJ, et al. **J Theor Biol** 1985 Jun 21;114(4):657-64

Breast milk and the absorptive process [editorial] Ebrahim GJ. **J Trop Pediatr** 1985 Feb;31(1):2-3

Absorption kinetics and bioavailability of phenobarbital after oral administration to dogs. Al-Tahan F, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):205-7

Energy and mineral utilization from a peptide-based elemental diet and a polymeric enteral diet given to ileostomists in the early postoperative course. Andersson H, et al. **JPEN** 1984 Sep-Oct;8(5):497-500

Intestinal consumption of intravenously administered fuels. Souba WW, et al. **JPEN** 1985 Jan-Feb;9(1):18-22

Rheogenic property of Na+/acidic amino acid co-transport by guinea pig intestine. Himukai M. **Jpn J Physiol** 1984;34(5):815-26

Clinical and experimental methods for the determination of cholesterol absorption. Gibson JC. **Lab Res Methods Biol Med** 1984;10:157-90 (70 ref.)

The absorption of lipid and lipoprotein synthesis. Tso P, et al. **Lab Res Methods Biol Med** 1984;10:191-216 (120 ref.)

Intestinal absorption studies with glycyl-proline, glycine and ethanol in rats infected with Eimeria nieschulzi. Heading CE, et al. **Life Sci** 1985 Jul 29;37(4):395-402

Does aging affect the intestinal transport of riboflavin? Said HM, et al. **Life Sci** 1985 Jan 7;36(1):69-73

Influence of cholesterol feeding and dietary restriction on cholesterol absorption in rabbits. Corraze G, et al. **Lipids** 1984 Oct;19(10):812-4

Magnesium and potassium deprivation and supplementation in animals and man: aspects in view of intestinal absorption. Classen HG. **Magnesium** 1984;3(4-6):257-64

Characteristics of drug absorption via the rectal route. Muranishi S. **Methods Find Exp Clin Pharmacol** 1984 Dec;6(12):763-72 (32 ref.)

Enterohepatic cycling of vitamin D and its metabolites [letter] Gascon-Barré M. **Miner Electrolyte Metab** 1984;10(5):343-4

Peroral xylitol increases intestinal calcium absorption in the rat independently of vitamin D action. Hämäläinen MM, et al. **Miner Electrolyte Metab** 1985;11(3):178-81

Phenytoin absorption in adults: effect of aging [letter] Ensom RJ, et al. **N Engl J Med** 1985 Sep 12;313(11):697

Calcium absorption and achlorhydria. Recker RR. **N Engl J Med** 1985 Jul 11;313(2):70-3

Individual differences in gastrointestinal absorption of aluminum [letter] van der Meulen J, et al. **N Engl J Med** 1984 Nov 15;311(20):1322-3

In vivo studies of mucosal-serosal transfer in rat jejunum. Winne D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):70–6

Impaired intestinal absorption of riboflavin in experimental uremia. Vaziri ND, et al. **Nephron** 1985;41(1):26–9

Carbohydrate malabsorption and intestinal gas production. Levitt MD, et al. **Neth J Med** 1984;27(7):258–61

Protein digestion and absorption after intestinal resection in rats. **Nutr Rev** 1985 Apr;43(4):122–4

A new retinol-binding protein which may participate in intestinal absorption of vitamin A. **Nutr Rev** 1984 Sep;42(9):327–8

Effect of a megadose of ascorbic acid, a meal and orange juice on the absorption of selenium as sodium selenite. Robinson MF, et al. **NZ Med J** 1985 Aug 14;98(784):627–9

Impact of digestion and absorption in the weaning period on infant feeding practices. Lebenthal E. **Pediatrics** 1985 Jan;75(1 Pt 2):207–13

Development of carbohydrate absorption in the fetus and neonate. Mobassaleh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):160–6

Absorption of protein and protein fragments in the developing intestine: role in immunologic/allergic reactions. Walker WA. **Pediatrics** 1985 Jan;75(1 Pt 2):167–71

Lipid digestion and absorption. Watkins JB. **Pediatrics** 1985 Jan;75(1 Pt 2):151–6

Preliminary study on the absorption profile after rectal and oral administration of methadone in human volunteers. Moolenaar F, et al. **Pharm Weekbl [Sci]** 1984 Dec 14;6(6):237–40

Quantitation of intestinal D-xylose absorption in normal turkeys. Goodwin MA, et al. **Poult Sci** 1984 Sep;63(9):1742–7

Protein digestion and amino acid and peptide absorption. Silk DB, et al. **Proc Nutr Soc** 1985 Feb;44(1):63–72 (89 ref.)

Pure human pancreatic juice directly enhances uptake of cobalamin by guinea pig ileum in vivo. Carmel R, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):143–50

Role of the 1,25-dihydroxycholecalciferol-regulated component of calcium absorption in calcium homeostasis. Hurwitz S, et al. **Prog Clin Biol Res** 1984;168:357–62

On gut membrane transport of tryptophan in the germfree mouse. Phillips AW. **Prog Clin Biol Res** 1985;181:81–5

Effects of fasting and/or oxidizing and reducing agents on absorption of neptunium from the gastrointestinal tract of mice and adult or neonatal rats. Sullivan MF, et al. **Radiat Res** 1984 Dec;100(3):519–26

The clinical application of intestinal 47Ca absorption test by employing our developed arm counter. Torizumi K, et al. **Radioisotopes** 1984 Jun;33(6):380–2

Effects of Maillard's reaction products on apparent mineral absorption in different parts of the digestive tract. The role of microflora. Andrieux C, et al. **Reprod Nutr Dev** 1984;24(4):379–86

Decreased intestinal absorption of methotrexate in the rat following repeated oral dosing. Sonneveld P, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):133–6

The micellar hypothesis of fat absorption: must it be revisited? Borgström B. **Scand J Gastroenterol** 1985 May;20(4):389–94 (24 ref.)

Absorption of food cobalamins assessed by the double-isotope method in healthy volunteers and in patients with chronic diarrhoea. Kittang E, et al. **Scand J Gastroenterol** 1985 May;20(4):500–7

Regulation of iron balance by absorption and excretion. A critical review and a new hypothesis. Refsum SB, et al. **Scand J Gastroenterol** 1984 Oct;19(7):867–74 (40 ref.)

A computer model simulating the intestinal absorption of bile acids. Stigsby B, et al. **Scand J Gastroenterol** 1984 Sep;19(6):802–7

Acute infections with Giardia lamblia and rotavirus decrease intestinal permeability to low-molecular weight polyethylene glycols (PEG 400). Serrander R, et al. **Scand J Infect Dis** 1984;16(4):339–44

The gastrointestinal absorption of 'biologically incorporated' plutonium-239 in the rat. Cooper JR, et al. Sci **Total Environ** 1985 May;43(1-2):159–63

Low molecular weight heparin-like preparations with oral activity. Lasker SE. **Semin Thromb Hemost** 1985 Jan;11(1):37–9 (32 ref.)

Kinetics of intrarectally instilled radiolabeled chenodeoxycholic acid in rats. Kawaura A, et al. **Tokushima J Exp Med** 1984 Dec;31(3-4):47–51

Absorption of 3-nitropropanol (miserotoxin aglycone) from the compound stomach of cattle. Majak W, et al. **Toxicol Lett** 1984 Oct;23(1):9–15

Absorption of 3-nitropropanol and 3-nitropropionic acid from the digestive system of sheep. Pass MA, et al. **Toxicol Lett** 1984 Oct;23(1):1–7

The developing colon: a nutritive organ? Potter GD, et al. **Trans Assoc Am Physicians** 1983;96:345–55

Pathophysiological studies in hypercalciuric and normocalciuric stone formers. Minisola S, et al. **Urol Int** 1985;40(2):65–71

[Intestinal absorption of calcium: physiological values and results in osteopathy] Kapitola J, et al. **Vnitr Lek** 1985 May;31(5):451–6 (Eng. Abstr.) **(Cze)**

[The interaction between food, nutritional status, metabolism and orally administered antimicrobial agents] Vreede RW, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):55–8 **(Dut)**

[Intestinal absorption of minerals in newborn and premature infants] Salle B, et al. **Arch Fr Pediatr** 1984 Oct;41(8):523–5 **(Fre)**

[Comparative intestinal absorption of a mixture of milk protein hydrolysates and a mixture of free amino acids of the same composition administered to the conscious pig] Rerat A, et al. **Bull Acad Natl Med (Paris)** 1984 Mar–Apr;168(3-4):385–91 (Eng. Abstr.) **(Fre)**

[Comparative kinetics of appearance in the portal vein of alpha-aminated nitrogen from mixtures of small peptides of free amino acids of the same composition introduced in the duodenum of conscious pigs] Rerat A, et al. **C R Acad Sci [III]** 1985;300(7):293–6 (Eng. Abstr.) **(Fre)**

[Ingestion, digestion, absorption. French Nutrition Association, Strasbourg, France, 20–21 October 1983. Abstracts] **Reprod Nutr Dev** 1984;24(5B):671–806 **(Fre)**

[Intraenterocytic metabolism and blood uptake of caproic and oleic acids in control and actidione-cycloheximide-treated rats] Bernard A, et al. **Reprod Nutr Dev** 1984;24(5A):543–56 (Eng. Abstr.) **(Fre)**

[Systems of membrane transport, genetics and nutrition; the example of congenital anomalies of intestinal transport in children] Desjeux JF, et al. **Reprod Nutr Dev** 1984;24(5B):785–92 (Eng. Abstr.) **(Fre)**

[Rectal absorption of steroids] Cameron BD, et al. **Arzneimittelforschung** 1985;35(6):953–7 (Eng. Abstr.) **(Ger)**

[Function diagnosis of small intestine absorption using the modified D-xylose absorption test] Weiner R, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):153–60 (Eng. Abstr.) **(Ger)**

[Increase of bile acid reabsorption following total small intestine resection in the rat] Martinez P, et al. **Langenbecks Arch Chir** 1984;363(2):79–82 (Eng. Abstr.) **(Ger)**

[Comparison of enteral resorption rates of free amino acids and oligopeptides] Steinhardt HJ. **Leber Magen Darm** 1984 Mar;14(2):51–6 (Eng. Abstr.) **(Ger)**

[Comparative study of the absorption of enzymatic protein hydrolysates in the small intestine of the rat. 2. The absorption of tryptic, thermitatic and tryptic-thermitatic casein hydrolysates compared with the equimolar composition of free amino acids] Friedrich M, et al. **Nahrung** 1985;29(2):167–78 (Eng. Abstr.) **(Ger)**

[Course of the adaptation of carbohydrate accumulation in the small intestine of chickens after saccharose feeding] Ozols AJ, et al. **Nahrung** 1985;29(2):179–84 (Eng. Abstr.) **(Ger)**

[Effective intraluminal concentration of riboflavin and pyridoxine in various intestinal segments of the rat] Daniel H, et al. **Z Ernahrungswiss** 1984 Dec;23(4):255–62 (Eng. Abstr.) **(Ger)**

[Small intestinal absorption in cancer patients--basis for enteral feeding therapy in oncology] Weiner R, et al. **Z Ernahrungswiss** 1984 Sep;23(3):157–70 (Eng. Abstr.) **(Ger)**

[Study of the absorption of a new peripheral vasodilator (CH-141) by in vitro and in vivo methods. I. In vitro model of liquid transport] Szemere L, et al. **Acta Pharm Hung** 1985 Mar;55(2):59–67 (Eng. Abstr.) **(Hun)**

[Technological processes and the influence of adjuvants on the dissolution rate and absorption of some ingredients from tablets. V. Release and absorption capacity of sulfadimidine] Tencova A, et al. **Acta Pharm Hung** 1984 Nov;54(6):245–8 (Eng. Abstr.) **(Hun)**

[Morphometric functional study of the small intestine in the aged subject. III. Functional study of D-xylose absorption] Londei M, et al. **G Clin Med** 1984 Nov–Dec;65(11-12):471–5 (Eng. Abstr.) **(Ita)**

[Clinical studies of intestinal 47Ca absorption tests by external arm counter] Ebisuno S, et al. **Kaku Igaku** 1984 Aug;21(8):901–7 (Eng. Abstr.) **(Jpn)**

[Oral administration of streptococcal preparation 'OK 432 (picibanil)'--the second report: experimental studies on its absorption and the responses of the gut associated lymphoid tissue] Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):71–9 (Eng. Abstr.) **(Jpn)**

[Experimental study on intestinal absorption of elemental diet] Irie U. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):216–24 (Eng. Abstr.) **(Jpn)**

[Application of a potential difference to evaluate the absorptive faculty in the small intestine. The change of the transmural resistance and the transport system during post-natal development] Ohkohchi N, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):290–7 (Eng. Abstr.) **(Jpn)**

[The evaluation of the nutritional condition and the absorptive capacity in long-term follow-up of infants with short bowel syndrome] Ohkohchi N, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):762–9 (Eng. Abstr.) **(Jpn)**

[Pathophysiological study of the ileum after total colectomy in combination with mucosal proctectomy and ileoanostomy--the alteration in water and electrolyte absorption by the ileum after ileoanostomy] Sawai S. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1349–58 (Eng. Abstr.) **(Jpn)**

[Enterohepatic circulation of bile acids] Hayakawa S. **Nippon Rinsho** 1984 Jul;42(7):1509–14 (28 ref.) **(Jpn)**

[Abnormal membrane transport in brush border disease. b. Intestinal absorption disorders] Hosoda S, et al. **Nippon Rinsho** 1985 Apr;43(4):804–7 **(Jpn)**

[Pharmacophysiological functions of bile acids] Takegi I, et al. **Nippon Rinsho** 1984 Jul;42(7):1555–9 **(Jpn)**

[Absorptive capacity of the aged] Masamune O, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):437–44 (Eng. Abstr.) **(Jpn)**

[Topographic features of the organization of lymphatic capillaries and lipid resorption in the jejunal villi of the white rat] Karelina NR, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):53–61 (Eng. Abstr.) **(Rus)**

[Effect of food deprivation on the absorption of chick ovalbumin in adult guinea pigs] Mikhaĭlov LA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):656–8 (Eng. Abstr.) **(Rus)**

[Effect of homeostasis of chyme composition on absorption of its components in the small intestine during natural digestion] Gal'perin IuM, et al. **Fiziol Zh SSSR** 1985 May;71(5):631–45 (Eng. Abstr.) **(Rus)**

[Characteristic features of the intestinal absorption of 241Am contained in the dairy and plant products] Zaliskin GA, et al. **Gig Sanit** 1984 Oct;(10):69–70 **(Rus)**

[Indicators of resistance and the functional state of the digestive system in children] Beier LV, et al. **Pediatriia** 1984 Jul;(7):7–9 (Eng. Abstr.) **(Rus)**

[Intestinal absorption in children with gastric and duodenal diseases] Khamraev AKh, et al. **Pediatriia** 1984 Jul;(7):22–4 (Eng. Abstr.) **(Rus)**

[Absorptive function of the small intestine in chronic cholecystitis in preschool children] Sazanova NE. **Pediatriia** 1984 Oct;(10):15–8 (Eng. Abstr.) **(Rus)**

[Clinico-functional state and morphological changes in the intestines in patients with rheumatoid arthritis] Izmaĭlova MKh, et al. **Revmatologiia (Moskva)** 1984 Oct–Dec;(4):44–7 (Eng. Abstr.) **(Rus)**

[D-xylose test for determining the absorptive capacity of the ileum] Lukomskiĭ GI, et al. **Sov Med** 1985;(3):37–8 (Eng. Abstr.) **(Rus)**

[Liposome transport as a model of substance absorption in the small intestine studied by electron microscopic autoradiography and scanning microscopy] Nadtochiĭ VV, et al. **Tsitologiia** 1984 Aug;26(8):908–13 (Eng. Abstr.) **(Rus)**

[Kinetics of the resorption of protein products following extensive and subtotal resection of the small intestine] Eriukhin IA, et al. **Vestn Khir** 1984 Sep;133(9):39–44 (Eng. Abstr.) **(Rus)**

[Vesicular transport of nutrients in the small intestine during natural feeding] Morozov IA, et al. **Vopr Pitan** 1985 May–Jun;(3):42–9 (Eng. Abstr.) **(Rus)**

[Classification of diarrhea according to the concept of sorption] León-Barúa R. **Acta Gastroenterol Latinoam** 1984;14(2):161–3 **(Spa)**

[Digestive tract changes of the malnourished child] Römer H. **GEN** 1983 Jan–Jun;37(1-2):146–56 **(Spa)**

DRUG EFFECTS

Phosphate intestinal secretion and absorption by isolated ileal loop: effects of cholecalciferol and diet phosphate. Pereira R, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):419–26

Paraquat effect on the bioelectric parameters of the rabbit small intestine and its in vitro penetration. Czyżewska K, et al. **Acta Physiol Pol** 1984 Jan–Feb;35(1):107–13

Does the non-absorbable fat, (sucrose polyester), interfere with the intestinal absorption of vitamin A? Sletten EG, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):49–53

Verapamil improves defective intestinal calcium absorption in uremia. Goligorsky MS, et al. **Adv Exp Med Biol** 1984;178:153–61

1,25-Dihydroxyvitamin D3 stimulates calcium and phosphate absorption by different mechanisms: contrasting requirements for sodium. Lee DB, et al. **Adv Exp Med Biol** 1984;178:189–93

The effects of somatostatin and selected analogs on lipid absorption in animals. Slater EE, et al. **Adv Exp Med Biol** 1985;188:355–68

Inhibition of cholesterol absorption by natural products. Vahouny GV. **Adv Exp Med Biol** 1985;183:265–79

The influence of dietary citrate on the absorption and retention of orally ingested lead. Spickett JT, et al. **Agents Actions** 1984 Oct;15(3-4):459–62

A stable isotope study of copper absorption in young men: effect of phytate and alpha-cellulose. Turnlund JR, et al. **Am J Clin Nutr** 1985 Jul;42(1):18–23

Mechanism of chronic hypocalciuria with chlorthalidone: reduced calcium absorption. Bushinsky DA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F746–52

Effect of dietary cellulose on site of lipid absorption. Gallaher D, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G184–91

Effect of ethanol on choline transport in rat jejunum. Hajjar JJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G177–83

Ion transport in goby intestine: cellular mechanism of urotensin II stimulation. Loretz CA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G284–93

Steroids alter ion transport and absorptive capacity in proximal and distal colon. Sellin JH, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G113–9

Amiloride-sensitive salt and fluid absorption in small intestine of sodium-depleted rats. Will PC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G133–41

Quick to promote, slow to warn [letter] Taffet RM. **Am Pharm** 1984 Sep;NS24(9):5

Pancreatic cholera syndrome: effect of a synthetic somatostatin analog on intestinal water and ion transport. Santangelo WC, et al. **Ann Intern Med** 1985 Sep; 103(3):363-7

Structural restriction in bile acids and non-ionic detergents for promotion of heparin absorption from rat gastro-intestinal tract. Guarini S, et al. **Arch Int Pharmacodyn Ther** 1984 Sep;271(1):4-10

Effect of a steroidal oral contraceptive on intestinal absorptive functions in proteins deficient rat. Nagpaul JP, et al. **Biochem Int** 1985 Feb;10(2):273-81

Effects of verapamil and dexamethasone on the 1,25-dihydroxyvitamin D3-mediated calcium absorptive mechanism in the organ-cultured embryonic chick duodenum. Corradino RA. **Biochem Pharmacol** 1985 Jun 1;34(11):1971-4

In vitro inhibition of rat small intestinal absorption by lipophilic organic cations. Elsenhans B, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):25-32

Absorption of glutathione from the gastro-intestinal tract. Hunjan MK, et al. **Biochim Biophys Acta** 1985 May 14; 815(2):184-8

Effect of cortisone on intestinal uptake of lead in the suckling rat. Henning SJ, et al. **Biol Neonate** 1984;46(5):249-53

The effect of food and antacid on the absorption of fendosal. Wills RJ, et al. **Biopharm Drug Dispos** 1985 Jan-Mar; 6(1):43-50

Metoclopramide reduces carbohydrate absorption in man. Holgate AM, et al. **Br J Clin Pharmacol** 1985 Jan; 19(1):67-72

Effect of guar gum on glucose and water absorption from isolated loops of jejunum in conscious growing pigs. Rainbird AL, et al. **Br J Nutr** 1984 Nov;52(3):489-98

Subchronic malathion treatment effects on rat intestinal functions. Wali RK, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):289-94

Interrelation of cortisone and 1,25 dihydroxycholecalciferol on intestinal calcium and phosphate absorption. Yeh JK, et al. **Calcif Tissue Int** 1984 Sep;36(5):608-14

Intestinal absorption of zinc: competitive interactions with iron, cobalt, and copper in mice with sex-linked anemia (sla). Flanagan PR, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1124-8

Intestinal absorption of nutrients in animals dosed orally with retinoids: considerations for chemopreventive studies. Hill DL, et al. **Cancer Invest** 1985;3(3):243-8 (64 ref.)

Effect of simultaneous administration of drugs on absorption and excretion. XVIII. Differential effects of oral and rectal administration of chloral hydrate on the gastrointestinal absorption of sulfisoxazole in rabbits. Ichibagase H, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4560-5

Effects of ricin, a protein toxin, on glucose absorption by rat small intestine. (Biochemical studies on oral toxicity of ricin. II). Ishiguro M, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3141-7

Mechanism of the enhancement of rectal permeability of drugs by nonsteroidal anti-inflammatory drugs. Nakanishi K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3187-93

Enhancement of rectal absorption of ampicillin by sodium salicylate in rabbits. Nishihata T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2433-8

Studies on the promoting effects of carboxylic acid derivatives on the rectal absorption of beta-lactam antibiotics in rats. Nishimura K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):282-91

Effect of sucralfate on ibuprofen absorption in normal volunteers. Pugh MC, et al. **Clin Pharm** 1984 Nov-Dec; 3(6):630-3

Interactions affecting drug absorption. Welling PG. **Clin Pharmacokinet** 1984 Sep-Oct;9(5):404-34 (213 ref.)

Effect of bicarbonate feeding on intestinal absorption of calcium and vitamin D metabolism in rats. Gafter U, et al. **Clin Sci** 1985 Jan;68(1):97-100

Intestinal absorption of calcium in greyhounds: the response to intermittent and continuous administration of human synthetic parathyroid hormone fragment 1-34 (hPTH 1-34). Podbesek RD, et al. **Clin Sci** 1984 Dec;67(6):591-9

The effect of cortisol on stimulation of enzymatic activity and absorption of amino acids in the small intestine of adult hamsters. Andrés MD, et al. **Comp Biochem Physiol [A]** 1984;79(4):525-8

Segmental action of aldosterone on water and electrolyte transport across rabbit colon in vivo. Clauss W. **Comp Biochem Physiol [A]** 1985;81(4):873-7

The effects of dietary L-ascorbic acid on the absorption and utilization of Na75SeO3 of silver-treated rats. Abdel Rahim AG. **Comp Biochem Physiol [C]** 1985;81(1):131-2

Adaptation of hexose uptake by the rat jejunum induced by the perfusion of sugars into the distal ileum. Debnam ES. **Digestion** 1985;31(1):25-30

Effect of short-term and long-term treatment with a steroidal oral contraceptive on the intestinal absorption of nutrients in vitro in female rats. Singh R, et al. **Digestion** 1985; 32(1):63-9

Intestinal absorption of arsenate in the chick. Fullmer CS, et al. **Environ Res** 1985 Feb;36(1):206-17

Reduced enteral absorption of ciprofloxacin in the presence of antacids [letter] Höffken G, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):345

Sodium deoxycholate promotes the absorption of heparin administered orally, probably by acting on gastrointestinal mucosa, in rats. Guarini S, et al. **Experientia** 1985 Mar 15; 41(3):350-2

Central action of gamma-aminobutyric acid ligands to alter basal water and electrolyte absorption in the rat ileum. Fogel R, et al. **Gastroenterology** 1985 Feb;88(2):523-30

In vivo studies of intestinal carnitine absorption in rats. Gudjonsson H, et al. **Gastroenterology** 1985 Jun; 88(6):1880-7

Intestinal calcium absorption is enhanced by D-glucose in diabetic and control rats. Younoszai MK, et al. **Gastroenterology** 1985 Apr;88(4):933-8

Aging-associated increase in intestinal absorption of macromolecules. Hollander D, et al. **Gerontology** 1985; 31(3):133-7

Lysophosphatidylcholine increases rat ileal permeability to macromolecules. Tagesson C, et al. **Gut** 1985 Apr; 26(4):369-77

Role of gastrointestinal transit in the delay of absorption by viscous fibre (guar). Lembcke B, et al. **Hepatogastroenterology** 1984 Aug;31(4):183-6

Short term effect of medroxyprogesterone acetate on the rat intestinal digestive & absorptive functions. Singh R, et al. **Indian J Med Res** 1985 Feb;81:186-92

Studies with sucrose polyester. Jandacek RJ. **Int J Obes** 1984; 8 Suppl 1:13-21

Inhibitors of the rate of carbohydrate and lipid absorption by the intestine. Puls W, et al. **Int J Obes** 1984;8 Suppl 1:181-90 (54 ref.)

Effects of fiber and virginiamycin on nutrient absorption, nutrient retention and rate of passage in growing swine. Ravindran V, et al. **J Anim Sci** 1984 Aug;59(2):400-8

Effects of guanabenz on gastrointestinal absorption of hydrochlorothiazide. Chiang ST, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S771-5

Reduction in intestinal calcium absorption by hydrochlorothiazide in postmenopausal osteoporosis. Sakhaee K, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1037-43

Effect of dietary calcium on selenium absorption by the nonlactating dairy cow. Harrison JH, et al. **J Dairy Sci** 1984 Aug;67(8):1860-4

Effect of lactose on phosphate transport into rat intestinal brush border membrane vesicles. Debiec H, et al. **J Nutr** 1985 Sep;115(9):1168-72

Oral hydration solutions: experimental optimization of water and sodium absorption. Lifshitz F, et al. **J Pediatr** 1985 Mar;106(3):383-9

The effect of non-ionic surfactant vesicle (niosome) entrapment on the absorption and distribution of methotrexate in mice. Azmin MN, et al. **J Pharm Pharmacol** 1985 Apr;37(4):237-42

Comparison of the effects of sodium salicylate, disodium ethylenediaminetetraacetic acid and polyoxyethylene-23-lauryl ether as adjuvants for the rectal absorption of sodium cefoxitin. Nishihata T, et al. **J Pharm Pharmacol** 1985 Mar;37(3):159-63

Effect of protein on the absorption of phenytoin through everted gut preparations. Rosen A, et al. **J Pharm Pharmacol** 1985 Mar;37(3):154-8

Dose-dependent effect of calcium and magnesium etidronate on salicylic acid absorption in the rat. Shrewsbury RP, et al. **J Pharm Pharmacol** 1985 Jun;37(6):440-2

Characterization of enhanced intestinal permeability; electrophysiological study on the effects of diclofenac and ethylenediaminetetraacetic acid. Yamashita S, et al. **J Pharm Pharmacol** 1985 Jul;37(7):512-3

Neutron activation of iron tablets to evaluate the effects of glycine on iron absorption. Christensen JM, et al. **J Pharm Sci** 1984 Nov;73(11):1529-31

Segmental difference and effect of glucose on drug exsorption across the small intestine of rats. Johno I, et al. **J Pharm Sci** 1985 Mar;74(3):316-20

The effects of salicylate on the rectal absorption of phenylalanine and some peptides, and the effects of these peptides on the rectal absorption of cefoxitin and cefmetazole. Nishihata T, et al. **J Pharm Sci** 1984 Sep; 73(9):1326-8

Possible mechanism behind the adjuvant action of phosphate derivatives on rectal absorption of cefoxitin in rats and dogs. Nishihata T, et al. **J Pharm Sci** 1984 Nov; 73(11):1523-5

Promoting mechanism by bile salt related to water absorption in drug rectal absorption. Hirasawa T, et al. **J Pharmacobiodyn** 1985 Mar;8(3):211-6

Intestinal absorption of several beta-lactam antibiotics. V. Effect of amino beta-lactam analogues and dipeptides on the absorption of amino beta-lactam antibiotics. Iseki K, et al. **J Pharmacobiodyn** 1984 Oct;7(10):768-75

Study of the mechanism behind adjuvant action of diethylethoxymethylene malonate enhancing the rectal absorption of cefmetazole and lysozyme. Nishihata T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):607-13

Effect of dicyclomine on intestinal absorption, disposition and biliary excretion of dexamethasone. Ogiso T, et al. **J Pharmacobiodyn** 1985 Jan;8(1):41-9

Improvement of bioavailability of poorly absorbed drugs. I. Effect of medium chain glyceride base on the rectal absorption of cefmetazole sodium in rats. Sekine M, et al. **J Pharmacobiodyn** 1984 Nov;7(11):856-63

Improvement of bioavailability of poorly absorbed drugs. II. Effect of medium chain glyceride base on the intestinal absorption of cefmetazole sodium in rats and dogs. Sekine M, et al. **J Pharmacobiodyn** 1985 Apr;8(4):286-95

Intestinal absorption of salicylamide and effect of atropine on it. Shibasaki S, et al. **J Pharmacobiodyn** 1985 Apr; 8(4):296-304

Choice of anesthetic for intestinal absorption and secretion experiments using rats. Coupar IM. **J Pharmacol Methods** 1985 Jul;13(4):331-8

Studies of the mechanism of noradrenaline stimulation of fluid absorption by rat jejunum in vitro. Parsons BJ, et al. **J Physiol (Lond)** 1984 Oct;355:427-39

Intestinal permeability [letter] **Lancet** 1985 Mar 9; 1(8428):587-8

Effect of new chymotrypsin inhibitor (FK-448) on intestinal absorption of insulin [letter] Shinomiya M, et al. **Lancet** 1985 May 11;1(8437):1092-3

Fluorescence study on the interaction of salicylate with rat small intestinal epithelial cells: possible mechanism for the promoting effects of salicylate on drug absorption in vivo. Kajii H, et al. **Life Sci** 1985 Aug 12;37(6):523-30

Intestinal cholesterol uptake: comparison between mixed micelles containing lecithin or lysolecithin. Reynier MO, et al. **Lipids** 1985 Mar;20(3):145-50

Absorption-promoting adjuvants: animal studies on their effects on rectal drug absorption. Caldwell L, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):503-7

Effect of taurine supplements on fat absorption in cystic fibrosis. Darling PB, et al. **Pediatr Res** 1985 Jun; 19(6):578-82

Effect of sodium lauryl sulphate and Tween 80 on the permeation of glibenclamide from its tablet formulations through rabbit jejunal sac. Singh J, et al. **Pharmazie** 1984 Dec;39(12):854

Furosemide inhibits chloride influx into the intestine of the freshwater turtle Mauremys caspica. Acevedo M, et al. **Rev Esp Fisiol** 1985 Mar;41(1):135-7

Assessment of adequacy of pancreatic enzyme replacement with the multiple-phase carbon-14-triolein test. O'Keefe SJ, et al. **S Afr Med J** 1984 Nov 17;66(20):763-5

The effect of ranitidine on the absorption of food cobalamins. Hamborg B, et al. **Scand J Gastroenterol** 1985 Aug; 20(6):756-8

Can gastrointestinal hormones enhance intestinal absorption? Schwartz MZ, et al. **Surgery** 1985 Sep;98(3):430-6

Influence of dietary fiber (konjac mannan) on absorption of vitamin B12 and vitamin E. Doi K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:677-81

Potentiation of methotrexate-induced gastrointestinal toxicity by non-steroidal anti-inflammatory drugs (NSAIDs) and vincristine. Badr MZ, et al. **Toxicology** 1985 Mar 29;34(4):333-40

Effects of three proteins on absorption of cadmium in rats. Kojima S, et al. **Toxicology** 1985 Feb;34(2):161-71

[Studies of mechanisms of diarrhea induced by fusarenon-X, a trichothecene mycotoxin from Fusarium species; the effects of fusarenon-X and various cathartics on the digestion and the absorption of the mouse intestine] Matsuoka Y, et al. **Yakugaku Zasshi** 1985 Jan;105(1):77-82 (Eng. Abstr.) **(Jpn)**

[Drug absorption in aging] Bezverkhaia IS, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):109-12 (58 ref.) **(Rus)**

[Effect of vitamin D on inorganic phosphorus transport and alkaline phosphatase activity of the small intestine of chickens] Galvanovskii IuIa, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):243-7 (Eng. Abstr.) **(Rus)**

INTESTINAL AMEBIASIS see **DYSENTERY, AMEBIC**

INTESTINAL ATRESIA

Small bowel atresia, biliary atresia, and Alagille's syndrome [letter] Ford WD, et al. **J Pediatr Surg** 1984 Dec;19(6):891

Obstetrical and neonatological aspects of a child with atresia of the small bowel. Bergmans MG, et al. **J Perinat Med** 1984;12(6):325-32

[Congenital obstructions of the duodenum] Marinković S, et al. **Med Pregl** 1984;37(5-6):221-3 (Eng. Abstr.) **(Ser)**

BLOOD

Plasma creatinine in neonates with atresia of the upper gastrointestinal tract. Arad ID, et al. **J Perinat Med** 1985; 13(3):139-41

COMPLICATIONS

Pyloric atresia associated with epidermolysis bullosa: special reference to pathogenesis. Chang CH, et al. **Pediatr Pathol** 1983 Oct-Dec;1(4):449-57

DIAGNOSIS

Ultrasound diagnosis and management of fetal intestinal obstruction and volvulus in utero. Samuel N, et al. **J Perinat Med** 1984;12(6):333-7

Third trimester ultrasound diagnosis of intestinal atresia following clinical evidence of polyhydramnios. Filkins K, et al. **Prenat Diagn** 1985 May-Jun;5(3):215-20

[Congenital duodenal obstruction] Blaakaer J. **Ugeskr Laeger** 1985 Mar 4;147(10):861-3 (Eng. Abstr.) **(Dan)**

[Ultrasonic diagnosis of fetal ascites with polyhydramnios resulting from partial small intestine atresia and secondary intestinal wall perforation] Hatzmann W, et al. **Ultraschall Med** 1984 Aug;5(4):144-7 (Eng. Abstr.) **(Ger)**

[Functional and roentgenological studies of the anorectal area in intestinal diseases] Misharev OS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):78-82 **(Rus)**

ETIOLOGY

Vascular basis for malformations in a twin. David TJ. **Arch Dis Child** 1985 Feb;60(2):166-7

FAMILIAL & GENETIC

A 13q- syndrome with extensive intestinal atresia. Nishikawa A, et al. **Acta Paediatr Scand** 1985 Mar;74(2):305-8

Multiple gastrointestinal atresias in three consecutive siblings: observations on pathogenesis. Puri P, et al. **J Pediatr Surg** 1985 Feb;20(1):22-4

PATHOLOGY

Multiple congenital septal atresias of the intestine: histomorphologic and pathogenetic implications. Kao KJ, et al. **Pediatr Pathol** 1983 Oct-Dec;1(4):443-8

RADIOGRAPHY

Intraluminal duodenal diverticulum. Alberti-Flor JJ, et al. **Am J Gastroenterol** 1985 Jun;80(6):500-2

'Apple peel' syndrome. A radiological study. Schiavetti E, et al. **Pediatr Radiol** 1984;14(6):380-3

Megacystis-microcolon-intestinal hypoperistalsis syndrome: a functional intestinal obstruction in the female newborn. Alexacos L, et al. **Z Kinderchir** 1985 Feb;40(1):58-9

SURGERY

Intestinal atresia (report of 4 cases). Dhankar SS, et al. **J Postgrad Med** 1984 Jul;30(3):183-5

Early postoperative enteral feeding through a needle catheter jejunostomy. Berger D, et al. **Z Kinderchir** 1984 Oct;39(5):328-31

INTESTINAL DISEASES

[Eosinophilic granuloma of the small intestine, colon and rectum] Fingerhut A. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):347-8, 350, 352 passim (41 ref.) (Eng. Abstr.) **(Fre)**

CHEMICALLY INDUCED

Ulceration of the small intestine due to slow-release potassium chloride tablets. Leijonmarck CE, et al. **Acta Chir Scand** 1985;151(3):273-8

The effect of gastric cytoprotective drugs (atropine, cimetidine, vitamin-A) on the indomethacin induced intestinal ulcers in rats. Beró T, et al. **Acta Physiol Hung** 1984;64(3-4):343-7

Preventive effect of PGI2, 7-oxo-PGI2 and 17-aza-PGF2 alpha derivate on the development of indomethacin-induced intestinal mucosal damage in rats. Garamszegi M, et al. **Acta Physiol Hung** 1984;64(3-4):349-53

Ulcers of the small bowel associated with stomach-bypassing salicylates. Souza Lima MA. **Arch Intern Med** 1985 Jun;145(6):1139

Anoxic hepatic and intestinal injury from carbon monoxide poisoning [letter] Watson A, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1113

Indometacin-induced gastrointestinal lesions in relation to tissue concentration, food intake and bacterial invasion in the rat. Weissenborn U, et al. **Pharmacology** 1985;30(1):32-9

[Intestinal complications of chemotherapy in pediatric oncology. Incidence, type, and development] Morali A, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):715-24 (Eng. Abstr.) **(Fre)**

[Clofazimine enteropathy. Apropos of a new anatomoclinical case] Karkouche B, et al. **Arch Anat Cytol Pathol** 1985;33(2):86-9 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Use of the long tube in the management of patients with small-intestinal obstruction due to adhesions. Wolfson PJ, et al. **Arch Surg** 1985 Sep;120(9):1001-6

Nephrolithiasis and intestinal disease. Dobbins JW. **J Clin Gastroenterol** 1985 Feb;7(1):21-4

Oxalate stone disease in small bowel disorders (mechanism and prophylaxis). Das S. **J Indian Med Assoc** 1984 Oct;82(10):381-2

Exacerbation of B27 positive spondyloarthropathy by enteric infections [letter] Herrero-Beaumont G, et al. **J Rheumatol** 1985 Apr;12(2):389

Intestinal Salmonella carriage in patients with major sickle cell hemoglobinopathies. Rennels MB, et al. **South Med J** 1985 Mar;78(3):310-1

Pneumatosis intestinalis associated with graft-versus-host disease of the intestinal tract. Hall RR, et al. **Transplant Proc** 1984 Dec;16(6):1666-8

[Spontaneous rupture of an enterocele with prolapse of the small intestine] Andersson AP, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3845 (Eng. Abstr.) **(Dan)**

[Ankylosing spondylarthritis and chronic enteropathies] Camus JP, et al. **Rev Med Interne** 1985 Jan;6(1):5-7 **(Fre)**

[Provocation of atopic dermatitis by intestinal candida mycosis] Menzel I. **Z Hautkr** 1984 Nov 1;59(21):1463-8 (Eng. Abstr.) **(Ger)**

[Enteral nutrition in abdominal surgery] Veroux G, et al. **Minerva Chir** 1985 Apr 15;40(7):397-412 **(Ita)**

DIAGNOSIS

Platelet count in radiation bowel disease: an aid to diagnosis. Carr ND, et al. **Br J Surg** 1985 Apr;72(4):287-8

The use of fecal alkaline phosphatase as an indicator of intestinal damage. Thomas DW, et al. **Digestion** 1985;31(2-3):82-8

Enteroscopy and small bowel biopsy--an improved technique for the diagnosis of small bowel disease. Barkin JS, et al. **Gastrointest Endosc** 1985 Jun;31(3):215-7

Cellobiose/mannitol sugar permeability test complements biopsy histopathology in clinical investigation of the jejunum. Strobel S, et al. **Gut** 1984 Nov;25(11):1241-6

A dozen pediatric ultrasonic donuts. Teele RL. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):528-34

Sonographic diagnosis of thoracic gastroenteric cyst in utero. Newnham JP, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):467-71

The serum 14C-triolein/3H-oleic acid assimilation test for differential diagnosis of maldigestion and malabsorption. Thorsgaard Pedersen N. **Scand J Gastroenterol** 1985 Aug;20(6):684-90

[Hydrogen breath-analysis tests in the diagnosis of gastrointestinal diseases] Zheng JJ, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):240-2 (17 ref.) **(Chi)**

[Obstructing gallstone in the small intestine demonstrated by ultrasonographic scanning] Topp SW. **Ugeskr Laeger** 1985 Feb 18;147(8):708 (Eng. Abstr.) **(Dan)**

[Clinical evaluation of the D-xylose test] Chatti N, et al. **Union Med Can** 1985 Jan;114(1):60-62, 64 (Eng. Abstr.) **(Fre)**

[Subphrenic, suprahepatic and interintestinal abscesses after cesarean section diagnosed by ultrasonography] Malinowski JE, et al. **Ginekol Pol** 1985 Jan;56(1):13-6 (Eng. Abstr.) **(Pol)**

[Ultrasonic method of examination in the diagnosis of gastrointestinal diseases] Lemeshko ZA, et al. **Sov Med** 1985;(3):99-102 **(Rus)**

[Detection of Shigella antigens in the feces of patients with acute intestinal diseases using a coagglutination reaction] Tishchenko MS. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):45-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Clinical efficacy of oral 5-aminosalicylic acid in the treatment of inflammatory bowel disease [letter] Klotz U. **Am J Gastroenterol** 1985 Aug;80(8):660

ENZYMOLOGY

Myeloperoxidase and intestinal inflammation [letter] Castro GA. **Gastroenterology** 1985 May;88(5 Pt 1):1294-5

ETIOLOGY

Knotted drainage tube: practical points in its prevention [letter] Ross AP. **Ann R Coll Surg Engl** 1984 Sep;66(5):377

Nitrous oxide distends the bowel [letter] **Br J Anaesth** 1984 Nov;56(11):1319-20

Spontaneous postoperative perforation of previously asymptomatic irradiated bowel. Galland RB, et al. **Br J Surg** 1985 Apr;72(4):285

Small bowel tumours causing intussusception in childhood. Puri P, et al. **Br J Surg** 1985 Jun;72(6):493-4

Infantile colic: incidence and treatment in a Norfolk community. Rubin SP, et al. **Child Care Health Dev** 1984 Jul-Aug;10(4):219-26

Severe intestinal involvement in Wegener's granulomatosis. Haworth SJ, et al. **Gut** 1984 Nov;25(11):1296-300

Tropical enteropathy (environmental enteropathy) in early childhood: a syndrome caused by contaminated environment. Fagundes-Neto U, et al. **J Trop Pediatr** 1984 Aug;30(4):204-9

Radiation bowel disease [editorial] **Lancet** 1984 Oct 27;2(8409):963-4

The leaky gut of alcoholism. **Nutr Rev** 1985 Mar;43(3):72-4

Enteric diseases of homosexual men. Baker RW, et al. **Pharmacotherapy** 1982 Jan-Feb;2(1):32-42 (111 ref.)

The intestinal radiation syndrome: sepsis and endotoxin. Geraci JP, et al. **Radiat Res** 1985 Mar;101(3):442-50

Intestinal complications of wide field abdominal irradiation for lymphoma. Langlois D, et al. **Radiother Oncol** 1985 Jun;3(4):293-8

Diet and bowel diseases--past history and future prospects. Walker AR. **S Afr Med J** 1985 Aug 3;68(3):148-52

[Internal hernia after conisation] Faber JE, et al. **Ugeskr Laeger** 1985 Jan 7;147(2):104 (Eng. Abstr.) **(Dan)**

[A rare complication of vaginal hysterectomy: vaginal evisceration. Apropos of a case of recurrent evisceration] Anceau H, et al. **J Chir (Paris)** 1984 Nov;121(11):655-7 (Eng. Abstr.) **(Fre)**

[Intestinal involvement in Behçet's syndrome] Roge J. **Presse Med** 1985 Mar 2;14(9):537-41 (Eng. Abstr.) **(Fre)**

[Prolapse of the small intestine through the vagina following repeated gynecologic operations] Larsson G, et al. **Zentralbl Gynakol** 1985;107(12):772-5 (Eng. Abstr.) **(Ger)**

[Intestinal infections in the course of continuous elemental enteral feeding by way of the jejunum in the infant] Menci R, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):391-3 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

[Hereditary hemorrhagic telangiectasis (Osler disease): intestinal manifestation with mitral valve disease] Heine O, et al. **Chirurg** 1985 Mar;56(3):186-8 **(Ger)**

IMMUNOLOGY

Plasma cell infiltration of the small bowel: lack of evidence for a non-secretory form of alpha-heavy chain disease. Gilinsky NH, et al. **Gut** 1985 Sep;26(9):928-34

Immunological consequences of intestinal helminth infections. Humoral responses to ovalbumin. Price P, et al. **Parasite Immunol** 1984 Nov;6(6):499-508

METABOLISM

Epithelial response to intestinal anaphylaxis in rats: goblet cell secretion and enterocyte damage. Perdue MH, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G632-7

Immunoproliferative small intestinal disease and primary small intestinal lymphoma. Relation to alpha chain protein. Banisadre M, et al. **Cancer** 1985 Sep 15;56(6):1384-91

Abnormal intestinal flora: metabolic and clinical consequences. Tabaqchali S. **Gastroenterol Jpn** 1984 Aug;19(4):351-62

Arachidonic acid metabolites and their role in inflammatory bowel disease. An update requiring addition of a pathway. Donowitz M. **Gastroenterology** 1985 Feb;88(2):580-7

Fasting breath hydrogen concentration: normal values and clinical application. Perman JA, et al. **Gastroenterology** 1984 Dec;87(6):1358-63

Short-chain fatty acids in the small-bowel bacterial overgrowth syndrome. Høverstad T, et al. **Scand J Gastroenterol** 1985 May;20(4):492-9

MICROBIOLOGY

Pathogenic synergy: mixed intra-abdominal infections. MacLaren DM, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):775-87 (62 ref.)

Continuous microbiological and pathological study of 70 sudden and unexpected infant deaths: toxigenic intestinal clostridium botulinum infection in 9 cases of sudden infant death syndrome. Sonnabend OA, et al. **Lancet** 1985 Feb 2;1(8423):237-41

Bacterial overgrowth. Bjørneklett A, et al. **Scand J Gastroenterol [Suppl]** 1985;109:123-32

[Fungal infection of the small bowel mucosa] Lorenz A, et al. **Mykosen** 1984 Oct;27(10):506-10 (Eng. Abstr.) **(Ger)**

[Events in he development of dysbacteriosis of the intestines in man under extreme conditions] Lizko NN, et al. **Nahrung** 1984;28(6-7):599-605 (Eng. Abstr.) **(Ger)**

[Dysbacterioses--intestinal infections of mixed etiology] Smolianskaia AZ, et al. **Lab Delo** 1985;(3):159-63 (Eng. Abstr.) **(Rus)**

[Characteristics of bacteria in the genus Proteus isolated from patients with sporadic and group intestinal diseases] Apollonin AV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):14-9 (Eng. Abstr.) **(Rus)**

[Intestinal microflora of monkeys, normal and in pathology, and its correction by preparations of live bacteria from human biocenosis (coli bacteria, bifikol and bifidum bacterin)] Dzhikidze EK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):44-8 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Esophageal, gastric, and intestinal candidiasis. Trier JS, et al. **Am J Med** 1984 Oct 30;77(4D):39-43

Intestinal parasites and bacteria in Aboriginal children in South West Australia. Gill JS, et al. **Aust Paediatr J** 1985 Feb;21(1):45-9

Non-infective disease of the large bowel. Burkitt DP. **Br Med Bull** 1984 Oct;40(4):387-9 (23 ref.)

Asian families II: conditions that may be found in the children. Black J. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):830-3

Infantile colic: occurrence and risk factors. Ståhlberg MR. **Eur J Pediatr** 1984 Dec;143(2):108-11

[Further decrease in intestinal infection morbidity in the Ukrainian SSR] Kas'ianenko AM. **Vrach Delo** 1984 Sep;(9):1-4 **(Rus)**

[Analysis of the seasonality of acute intestinal diseases with regard to the detection of dysentery by antigen indication] Karal'nik BV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):37-40 (Eng. Abstr.) **(Rus)**

[Epidemiology and prevention of acute intestinal diseases caused by Escherichia] Khazenson LB. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):22-30 **(Rus)**

[Determination of groups at risk for acute intestinal infections by a population questionnaire] Zaidenov AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):55-8 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Infections caused by intestinal protozoa. DeGirolami PC, et al. **Pathol Annu** 1985;20 Pt 2:463–505 (248 ref.)

PATHOLOGY

Immunoproliferative small intestinal disease in Algerians. II. Ultrastructural studies in alpha-chain disease. Crow J, et al. **Cancer** 1984 Nov 1;54(9):1908–13

Intestinal spirochetosis of the vermiform appendix. Henrik-Nielsen R, et al. **Gastroenterology** 1985 Apr; 88(4):971–7

Vascular changes in radiation bowel disease. Hasleton PS, et al. **Histopathology** 1985 May;9(5):517–34

Clinical and histologic studies of neuronal intestinal dysplasia. Munakata K, et al. **J Pediatr Surg** 1985 Jun;20(3):231–5

Small bowel biopsy (per oral). Shamsi Z, et al. **JPMA** 1984 Oct;34(10):314–7

Peutz-Jeghers syndrome with cervical adenocarcinoma and enteritis cystica profunda. Anderson NJ, et al. **West J Med** 1984 Aug;141(2):242–4

[Small-intestine biopsy in childhood] Henker J, et al. **Kinderarztl Prax** 1984 Nov;52(11):488–98 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Intestinal function and intestinal blood supply: a 20 year surgical study. Marston A, et al. **Gut** 1985 Jul;26(7):656–66

A pathophysiologic approach to nontumorous small-bowel disease. Olmsted WW, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):360–7

[Motility disorders of the small intestines] Janssens J. **Verh K Acad Geneeskd Belg** 1985;47(1):63–84 (Eng. Abstr.) **(Dut)**

[Intestinal function disorders. Review of the literature from 1977 to 1983] Naveau S, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):970–8 (87 ref.) **(Fre)**

[The small intestine. Various observations in 1984] Gargouri M, et al. **Tunis Med** 1984 Jul–Aug;62(4):267–74 (Eng. Abstr.) **(Fre)**

[Morphobiochemical parallels of the dynamics of the intestinal failure syndrome in experimental peritonitis] Taranenko LD, et al. **Klin Khir** 1985 Jan;(1):52–3 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Gastrointestinal cytoprotection by indomethacin + sodium salicylate combination in rat. Ezer E, et al. **Acta Physiol Hung** 1984;64(3–4):355–9

Sodium-salicylate in contrast with acetylsalicylic acid prevents gastric antral and intestinal ulcers produced by indomethacin in the refed rat. Ezer E. **Acta Physiol Hung** 1985;65(3):263–6

Reduction of intestinal adhesions by postoperative peritoneal irrigation with dialysis solution. Kawarasaki H, et al. **Am Surg** 1984 Oct;50(10):552–6

Naloxone is protective against indomethacin-induced intestinal ulceration in the rat. Waisman Y, et al. **Gastroenterology** 1985 Jul;89(1):86–91

Further studies on the mechanism of fat-free diet (FFD)--protection against indomethacin-induced intestinal ulcers in the rat. Evangelista S, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):113–5

RADIOGRAPHY

Small bowel diseases: diagnosis using radiographic pattern analysis. Shaffer HA Jr. **Curr Probl Diagn Radiol** 1984 May–Jun;13(3):1–71 (58 ref.)

Small bowel radiography. An overview. Maglinte DD, et al. **Dig Dis Sci** 1984 Nov;29(11):1057–9

Perspectives in small bowel imaging. Maglinte DD. **Indiana Med** 1985 Jan;78(1):32–3

CT diagnosis of hernia through iliac bone-graft donor site. Ramirez H Jr, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):411–2

An overview and summary of roentgen signs of diseases of the small intestine. Meschan I. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):319–36

Diagnosis of extrinsic abscesses affecting the small intestine. O'Riordan D, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug; 51(4):347–50

Ultrasound and computed tomography in the evaluation of inflammatory bowel disease. Schwab RE, et al. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):387–99

Detailed per-oral small bowel examination vs. enteroclysis. Part I: Expenditures and radiation exposure. Ott DJ, et al. **Radiology** 1985 Apr;155(1):29–31

Detailed per-oral small bowel examination vs. enteroclysis. Part II: Radiographic accuracy. Ott DJ, et al. **Radiology** 1985 Apr;155(1):31–4

Empty right iliac fossa. Martinez LO, et al. **South Med J** 1985 Aug;78(8):958–61

[Extraintestinal air in the roentgen image from the viewpoint of the surgeon] Osterwalder A, et al. **Schweiz Rundsch Med Prax** 1985 Apr 23;74(17):427–33 (Eng. Abstr.) **(Ger)**

SURGERY

Small bowel obstruction secondary to a prior Moschcowitz procedure. Dicke JM. **Am J Obstet Gynecol** 1985 Aug 1; 152(7 Pt 1):887–8

Surgical aspects of intestinal injury due to pelvic radiotherapy. Hatcher PA, et al. **Ann Surg** 1985 Apr; 201(4):470–5

Intestinal function and intestinal blood supply: a 20 year surgical study. Marston A, et al. **Gut** 1985 Jul;26(7):656–66

New procedure for preventing para-colostomy hernia and prolapse. Chaimoff C, et al. **Isr J Med Sci** 1984 Dec; 20(12):1207–8

Perineal healing after panproctocolectomy for inflammatory bowel disease [letter] Munro A, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):139–40

Two-stage operations of small bowel in infancy and childhood. Sigge W. **Z Kinderchir** 1984 Dec;39(6):380–5

[Surgical treatment of late intestinal injuries due to irradiation] Balslev I, et al. **Ugeskr Laeger** 1984 Jul 16; 146(29):2146–50 (Eng. Abstr.) **(Dan)**

[Principles of the surgical treatment of intestinal radiation injuries. Apropos of 17 cases] Testart J, et al. **Ann Chir** 1985 Feb;39(1):23–31 (Eng. Abstr.) **(Fre)**

[Extensive resection of the small intestine in children] Ricour C, et al. **Arch Fr Pediatr** 1985 Apr;42(4):285–90 (Eng. Abstr.) **(Fre)**

[Suture dehiscence of the large intestine: is the surgeon a risk factor?] Beickert R, et al. **Chirurg** 1984 Oct; 55(10):645–9 (Eng. Abstr.) **(Ger)**

[Single or double layer? A controlled prospective study on the comparison of 2 suture technics in gastrointestinal anastomoses] Wayand W, et al. **Chirurg** 1984 Oct; 55(10):650–2 (Eng. Abstr.) **(Ger)**

[Importance of infection following laparotomy in childhood] Grüssner R, et al. **Z Kinderchir** 1984 Oct;39(5):305–9 (Eng. Abstr.) **(Ger)**

[Intraluminal intubation of the small intestine for the therapy and prevention of adhesion ileus] Nitzsche L, et al. **Zentralbl Chir** 1984;109(10):694–8 **(Ger)**

[Prevention of intraperitoneal suture insufficiency using fibrin adhesives] Pointner R, et al. **Zentralbl Chir** 1984; 109(17):1146–8 **(Ger)**

[Massive resections of the small intestine: methods and possibility of functional compensation] Campana FP, et al. **Ann Ital Chir** 1985;57(1):13–32 (Eng. Abstr.) **(Ita)**

[Balanced non-residual diet for surgical patients] Jaroszewicz S, et al. **Pol Tyg Lek** 1984 Apr 30;39(18):625–7 (15 ref.) **(Pol)**

[Hermetization of sutures and serous membrane-lacking segments in operations on the intestines in children] Stepanov EA, et al. **Vestn Khir** 1985 May;134(5):136–7 **(Rus)**

[Radiation injuries of the intestines] Pelikán A, et al. **Rozhl Chir** 1985 Jun;64(6):466–9 (Eng. Abstr.) **(Slo)**

THERAPY

Three years' experience with an intestinal failure unit. Irving M, et al. **Ann R Coll Surg Engl** 1985 Jan;67(1):2–5

Upper gastrointestinal therapeutic endoscopy. Sud R, et al. **J Assoc Physicians India** 1985 Feb;33(2):168–72

[The crying infant, or infantile colic] Weber ML. **Union Med Can** 1985 Jun;114(6):524–6 (Eng. Abstr.) **(Fre)**

[Total parenteral nutrition in inflammatory bowel disease. An evaluation of its clinical response] Takagi Y, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1006–9 (Eng. Abstr.) **(Jpn)**

TRANSMISSION

Vertical transmission of enteric pathogens at birth. Duangmani C, et al. **Ann Trop Paediatr** 1985 Mar;5(1):15–8

VETERINARY

Ulcerative colitis and protein losing enteropathy associated with intestinal salmonellosis and histoplasmosis in a horse. Goetz TE, et al. **Equine Vet J** 1984 Sep;16(5):439–41

Experimental and spontaneous clostridial enteropathies of laboratory and free living lagomorphs. Carman RJ, et al. **Lab Anim Sci** 1984 Oct;34(5):443–52 (70 ref.)

Proliferative hemorrhagic enteropathy detected at an abattoir in Kagoshima. Kubo M, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):413–7

Two cases of murine intestinal emphysema. Takahashi K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):933–6

Morphological and biochemical studies of a naturally occurring enteropathy in the Irish setter dog: a comparison with coeliac disease in man. Batt RM, et al. **Res Vet Sci** 1984 Nov;37(3):339–46

Plasma enteroglucagon and neurotensin levels in gnotobiotic calves infected with enteropathogenic and non-enteropathogenic viruses. Hall GA, et al. **Res Vet Sci** 1985 Jan;38(1):99–103

Ecological studies of Yersinia enterocolitica. III. Cross-protection against fecal excretion between Y. enterocolitica serovars 3 and 5.27 in pigs. Fukushima H, et al. **Vet Microbiol** 1984 Aug;9(4):383–9

Ecological studies of Yersinia enterocolitica. II. Experimental infection with Y. enterocolitica in pigs. Fukushima H, et al. **Vet Microbiol** 1984 Aug;9(4):375–81

Demonstration of a new intracellular antigen in porcine intestinal adenomatosis and hamster proliferative ileitis. Lawson GH, et al. **Vet Microbiol** 1985 Jun;10(4):303–13

[Results of the surgical treatment of colic, represented by case material of 1983 from the Munich-Riem horse hospital] Becker M, et al. **Tierarztl Prax** 1985;13(2):199–204 (Eng. Abstr.) **(Ger)**

INTESTINAL DISEASES, PARASITIC

Prospective study of acquisition of Cryptosporidium, Giardia lamblia, and gastrointestinal illness. Jokipii AM, et al. **Lancet** 1985 Aug 31;2(8453):487–9

Polymicrobial aetiology of travellers' diarrhoea. Taylor DN, et al. **Lancet** 1985 Feb 16;1(8425):381–3

Intestinal nematode infections. Markell EK. **Pediatr Clin North Am** 1985 Aug;32(4):971–86 (19 ref.)

[Cryptosporidiosis. I. A new human intestinal protozoosis] Cenac J, et al. **Ann Biol Clin (Paris)** 1984;42(6):389–97 (65 ref.) **(Fre)**

[Four kinds of parasites in an 8-year-old boy. Therapeutic effects of praziquantel against Fasciola hepatica] Wahn V, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1486–8 (Eng. Abstr.) **(Ger)**

[Colitis associated with giardiasis. Description of 2 cases] di Martino L, et al. **Minerva Pediatr** 1984 Jun 30;36(12):635–8 (Eng. Abstr.) **(Ita)**

[An unusual complication after cesarean section] Kliment V, et al. **Cesk Gynekol** 1984 Aug;49(7):504–6 **(Slo)**

COMPLICATIONS

Intestinal obstruction due to schistosomiasis. Iyer HV, et al. **Am J Surg** 1985 Mar;149(3):409–11

Enteric coccidiosis among patients with the acquired immunodeficiency syndrome. Whiteside ME, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1065–72

Enterobius vermicularis in an ectopic site--perianal abscess. Corea RT. **Ceylon Med J** 1983 Dec;28(4):255–6

Isospora belli in a patient with acquired immunodeficiency syndrome. Shein R, et al. **J Clin Gastroenterol** 1984 Dec; 6(6):525–8

Severe giardiasis in a patient with cystic fibrosis. McCarthy VP, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):320–2

[Parasitic eosinophilic granuloma of the intestines. A rare cause of intestinal occlusion in children (letter)] Boccon-Gibod L, et al. **Presse Med** 1984 Oct 27; 13(38):2324 **(Fre)**

[An unusual cause of segmental edema: anisakiasis (letter)] Godeau P, et al. **Presse Med** 1985 Jun 1;14(22):1246–7 **(Fre)**

[Skin changes in lambliasis. Preliminary report] Ratka P, et al. **Przegl Dermatol** 1984 Sep–Oct;71(5):437–41 (Eng. Abstr.) **(Pol)**

[Volvulus caused by massive intestinal ascariasis] Baeza-Herrera C, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):131–4 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Severe strongyloidiasis presenting as occult gastro-intestinal tract malignancy. Onile B, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):301–4

Aboriginal child health. Stuart J. **Aust Fam Physician** 1985 Jul;14(7):677–80

Symptomatic strongyloidiasis in Sri Lanka. Wijesundera M de S, et al. **Ceylon Med J** 1983 Dec;28(4):239–42

Intestinal schistosomal granuloma simulating neoplasm in a 5-year-old Ethiopian boy. Roberts WB. **Ethiop Med J** 1984 Oct;22(4):189–91

Stool culture as a diagnostic aid for intestinal amoebiasis [editorial] Vinayak VK. **Indian J Gastroenterol** 1985 Jul; 4(3):139–40

Merthiolate iodine formaldehyde test for detection of intestinal parasites. Bhandari B, et al. **Indian Pediatr** 1984 Oct;21(10):803–6

Larva currens and systemic disease. Amer M, et al. **Int J Dermatol** 1984 Jul–Aug;23(6):402–3

Evaluation of skin test using schistosomula antigen for the diagnosis of bilharziasis. Khalil HM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):335–42

Immunodiagnostic detection of Giardia antigen in faeces by a rapid visual enzyme-linked immunosorbent assay. Green EL, et al. **Lancet** 1985 Sep 28;2(8457):691–3

Clinical studies in adults presenting with giardiasis to a gastro-intestinal unit. Gillon J. **Scott Med J** 1985 Apr; 30(2):89–95

[Use of the colonic microscope in the diagnosis of schistosomiasis japonicum] He YJ. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):583–4 **(Chi)**

[Cryptosporidiosis. II. Biological diagnosis] Deluol AM, et al. **Ann Biol Clin (Paris)** 1984;42(6):399–405 (18 ref.) (Eng. Abstr.) **(Fre)**

[Intestinal S. mansoni schistosomiasis. Round table of the Leopold II Clinic] **Ann Soc Belg Med Trop** 1984; 64(4):427–38 **(Fre)**

[Value of the string test in the diagnosis of duodenal parasitosis] Penalba C, et al. **Bull Soc Pathol Exot Filiales** 1984 May–Jun;77(3):352–9 (Eng. Abstr.) **(Fre)**

[Identification of parasitic infestations by fecal examination] Martins R, et al. **Z Arztl Fortbild (Jena)** 1984;78(16):667–9 **(Ger)**

[Examination technics for diarrheal parasitic (protozoan and helminthic) infections] Nakabayashi T, et al. **Rinsho Byori** 1984 Jul;32(7):726–33 **(Jpn)**

[Coproparasitological diagnosis by modified Telemann's and Burrows' methods] Galdames M, et al.

Bol Chil Parasitol 1984 Jan-Jun;39(1-2):10-2 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Albendazole in the treatment of intestinal helminthiasis in children. Prasad R, et al. **Clin Ther** 1985;7(2):164-8

Albendazole in the treatment of intestinal helminthiasis in children. Misra PK, et al. **Curr Med Res Opin** 1985; 9(8):516-9

Pharmacokinetic studies on praziquantel and oxamniquine in intestinal schistosomiasis. Massoud A, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):599-608

Treatment of Taenia solium infections. Richards F Jr, et al. **Lancet** 1985 Jun 1;1(8440):1264-5

Radiographic plain film and CT findings in lipoid pneumonia in infants following aspiration of mineral oil used in the treatment of partial small bowel obstruction by Ascaris lumbricoides. de Oliveira GA, et al. **Pediatr Radiol** 1985; 15(3):157-60

Salicylanilides in the treatment of helminth diseases. Agrawal VK, et al. **Pharmazie** 1984 Jun;39(6):373-8 (140 ref.)

Symptomatic ascariasis and co-infestation with other parasites [letter] Gourevitch D, et al. **S Afr Med J** 1985 Jul 6;68(1):8-9

Caerulomycin, an antifungal antibiotic with marked in vitro and in vivo activity against Entamoeba histolytica. Chatterjee DK, et al. **Z Parasitenkd** 1984;70(5):569-73

[Effect of albendazole in the treatment of 269 cases of intestinal nematode infection] Chen ZJ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):139 **(Chi)**

[Albendazole in the treatment of common intestinal parasite infections among school children in Taiwan] Chen ER, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):551-5 (Eng. Abstr.) **(Chi)**

[Albendazole in the treatment of intestinal nematode infections in Kinshasa, Zaire] Mbendi N, et al. **Ann Soc Belg Med Trop** 1985;65(1):41-7 (Eng. Abstr.) **(Fre)**

[Modification of intestinal parasitoses in refugees from South Asia by routine mebendazole administration] Stahel E, et al. **Schweiz Rundsch Med Prax** 1985 Mar 5;74(10):243-6 (Eng. Abstr.) **(Ger)**

[Chemotherapy of protozoal and helminthic diseases of the gastrointestinal system in Israel] El-On J, et al. **Harefuah** 1984 Nov 15;107(10):298-308 **(Heb)**

[Clinical evaluation of ornidazole in lambliasis] Kociecka W, et al. **Pol Tyg Lek** 1985 Feb 18;40(7):183-5 (Eng. Abstr.) **(Pol)**

[An attempt to eradicate hymenolepiasis in a semi-closed community using praziquantel] de Castro M de L, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):27-32 (Eng. Abstr.) **(Por)**

[Control of enterobiosis among children in preschool institutions] Beloshitskaia IG, et al. **Pediatriia** 1984 Aug; (8):55-6 **(Rus)**

[Levels of eosinophils in the peripheral blood in intestinal parasitic diseases before antiparasitic treatment and after antiparasitic treatment] Szilágyiová M, et al. **Bratisl Lek Listy** 1985 Jan;83(1):75-9 (Eng. Abstr.) **(Slo)**

[Albendazole in the treatment of simultaneous infection by Trichuris trichiura and other intestinal helminths in children] Lara-Aguilera R, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):539-44 (Eng. Abstr.) **(Spa)**

ECONOMICS

Parasite screening and treatment among Indochinese refugees. Cost-benefit/utility and the General Health Policy Model. Anderson JP, et al. **JAMA** 1985 Apr 19; 253(15):2229-35

ENZYMOLOGY

Jejunal disaccharidases activity in some intestinal parasites in Egypt. Sallam MA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):547-56

[Effect of larvae of Ascaris suum Goeze on phosphatase activity of the guinea pig intestine] Jarnicka-Stanios H, et al. **Wiad Parazytol** 1984;30(3):277-81 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Necator americanus and Ancylostoma ceylanicum: development of protocols for dual infection in hamsters. Rajasekariah GR, et al. **Acta Trop (Basel)** 1985 Mar; 42(1):45-54

Intestinal myiasis--Washington. **MMWR** 1985 Mar 15; 34(10):141-2

Infective gastroenteritis and its relationship to reduced gastric acidity. Cook GC. **Scand J Gastroenterol [Suppl]** 1985; 111:17-23

Intestinal infection by terrestrial Isopoda (Oriscus spp.) and Oligochaeta (Lumbricus spp.) [letter] Dar FK, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):703-4

IMMUNOLOGY

Occurrence of specific secretory immunoglobulin A in bile after inoculation of Giardia lamblia trophozoites into rat duodenum. Loftness TJ, et al. **Gastroenterology** 1984 Nov; 87(5):1022-9

METABOLISM

Heligmosomoides polygyrus: inoculum size and glucose, ion, and gas fluxes in the small intestine of mice. Hsu SC, et al. **Exp Parasitol** 1985 Aug;60(1):55-62

OCCURRENCE

Frequency, multiplicity and repertoire of intestinal protozoa in healthy homosexual men and in patients with gastrointestinal symptoms. Jokipii L, et al. **Ann Clin Res** 1985;17(2):57-9

Prevalence and pattern of intestinal infestations in an African university community. Azikieve AN. **Ann Trop Med Parasitol** 1984 Jun;78(3):333-4

Human intestinal parasitism in three areas of Indonesia: a survey. Higgins DA, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):637-48

Intestinal parasites and bacteria in Aboriginal children in South West Australia. Gill JS, et al. **Aust Paediatr J** 1985 Feb;21(1):45-9

Intestinal parasites in metropolitan Toronto day-care centres. Keystone JS, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):733-5

Impact of physical environment on the prevalence of intestinal helminthic infestation in under five children. Garg BS, et al. **Indian J Med Sci** 1984 May;38(5):88-90

Parasitic infestations in primary school children. Subbannayya K, et al. **Indian Pediatr** 1984 Jun;21(6):479-83

Intestinal parasitic infection among the inhabitants of semi-urban area near Delhi. Mathur M, et al. **J Commun Dis** 1984 Sep;16(3):176-80

Prevalence of intestinal parasitic infection in some urban localities of Solan District, Himachal Pradesh. Raina VK, et al. **J Commun Dis** 1984 Jun;16(2):157-9

Parasitic infection among the outpatients of Dakahlia Governorate with a correlation between amoebiasis and intestinal schistosomiasis. Ali MM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):463-9

Preliminary parasitological survey of intestinal parasites among inhabitants of Okrika Island in the Niger Delta. Arene FO. **J Infect** 1984 Nov;9(3):309-10

Intestinal nematode infections in India: a cross-sectional survey. Gadgil SD, et al. **J Postgrad Med** 1984 Jul; 30(3):137-43

The prevalence of intestinal parasites in children living in an unincorporated area in rural northern Florida. Adams RT, et al. **J Sch Health** 1985 Feb;55(2):76-8

Cryptosporidiosis in immunocompetent patients. Wolfson JS, et al. **N Engl J Med** 1985 May 16;312(20):1278-82

Reinfection with intestinal helminths after treatment with mebendazole and fluctuations in individual Ascaris lumbricoides infections with time. Shield J, et al. **Papua New Guinea Med J** 1984 Jun;27(2):89-94

Intestinal parasites in pediatric patients with diarrhoeal diseases in Bangkok. Chavalittamrong B, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):385-8

Intestinal parasitosis in the population of the Yemen Arab Republic. Farag HF. **Trop Geogr Med** 1985 Mar; 37(1):29-31

[Intestinal schistosomiasis in the Ruzizi Valley (Burundi): preliminary studies] Gryseels B. **Ann Soc Belg Med Trop** 1984 Sep;64(3):249-66 (Eng. Abstr.) **(Fre)**

[Epidemiologic survey of intestinal parasitoses in Peruvian Amazonia] Bourée P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):690-8 (Eng. Abstr.) **(Fre)**

[Report on intestinal parasitosis in adults in an urban population of the Central African Republic] Meunier DM, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun; 77(3):333-43 (Eng. Abstr.) **(Fre)**

[Intestinal eukaryotic parasites in Luxembourg--decline, eradication and future perspectives] Fox E, et al. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(1):13-22 **(Fre)**

[Epidemiologic study of intestinal and urinary bilharziasis in the Tala Mokolo region (Mandara Mountains, North Cameroon)] Granier H, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):27-33 (Eng. Abstr.) **(Fre)**

[Report of experiences: frequency and significance of intestinal parasitoses in patients at a hospital in the Ethiopian highlands] Herold M, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):460-1 (Eng. Abstr.) **(Ger)**

[Intestinal parasites 1982] Nasiłowska M. **Przegl Epidemiol** 1984;38(2):225-30 **(Pol)**

[Prevalence of the principle helminthiases in the State of Maranhão, Brazil] Melo JE, et al. **Rev Bras Malariol Doencas Trop** 1983;35:65-71 (Eng. Abstr.) **(Por)**

[Malaria and intestinal parasitosis in Indians of the Nadeb-Maku tribe, State of Amazonas, Brazil] Genaro O, et al. **Rev Saude Publica** 1984 Apr;18(2):162-9 (Eng. Abstr.) **(Por)**

[Dissemination of intestinal parasites in school children in Cuprija and surrounding towns] Petrović Z, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):137-44 **(Scc)**

[Dissemination of intestinal parasites in school children in Veliko Gradište and Golubac] Petrović Z, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):145-51 **(Scc)**

[Findings of intestinal helminths in the high-mountain region in the area of Savnik] Radović M, et al. **Glas Srp Akad Nauka [Med]** 1984;(36):17-21 **(Scc)**

[Prevalence of intestinal parasitosis in the middle-class population of the city of Mérida] Duarte-Zapata L, et al. **Gac Med Mex** 1984 May;120(5):193-7 **(Spa)**

PARASITOLOGY

Intestinal invasive amebiasis: an experimental model in rodents using axenic or monoxenic strains of Entamoeba histolytica. Anaya-Velázquez F, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):723-30

Comparative study of Schistosoma mansoni isolated from patients with hepatosplenic and intestinal clinical forms of schistosomiasis. de Lima e Costa MF, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):918-23

Appendiceal schistosomiasis. Method of classifying oviposition and inflammation. Onuigbo WI. **Dis Colon Rectum** 1985 Jun;28(6):397-8

A survey of gastrointestinal parasites in a local government area of south-west Nigeria. Adeyeba OA, et al. **Int J Zoonoses** 1984 Jun;11(1):105-10

Cryptosporidium and the enteropathy of immune deficiency. Ma P. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):488-90

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 39-1985. A six-year-old girl with diarrhea after exposure to animals. **N Engl J Med** 1985 Sep 26;313(13):805-15

Detection of Giardia in human jejunum by the immunoperoxidase method. Specific and non-specific results. Fleck SL, et al. **Trans R Soc Trop Med Hyg** 1985; 79(1):110-3

The migration of larval Toxocara canis in mice. I. Migration through the intestine in primary infections. Abo-Shehada MN, et al. **Vet Parasitol** 1984 Dec;17(1):65-73

The migration of larval Toxocara canis in mice. II. Post-intestinal migration in primary infections. Abo-Shehada MN, et al. **Vet Parasitol** 1984 Dec; 17(1):75-83

Intestinal parasites in Southeast Asian refugee children. Parish RA. **West J Med** 1985 Jul;143(1):47-9

[Quantitative determination of cysts from patients with intestinal protozoan infections] Huang MY. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):274-5 **(Chi)**

[Intestinal parasitosis in irritable colon] Schwarz U, et al. **Schweiz Med Wochenschr** 1985 Apr 6;115(14):476-8 (Eng. Abstr.) **(Ger)**

[Parasitic colitis] Gyr K. **Schweiz Rundsch Med Prax** 1984 Aug 21;73(34):1033-6 (Eng. Abstr.) **(Ger)**

[Parasites in feces from a student population] Goiriena de Gandarias J, et al. **Rev Sanid Hig Publica (Madr)** 1983 Sep-Oct;57(9-10):959-67 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Harvesting of leukocytes from intestinal lumen in murine giardiasis and preliminary characterization of these cells. Heyworth MF, et al. **Dig Dis Sci** 1985 Feb;30(2):149-53

Pathological changes and immunity associated with experimental Eimeria vermiformis infections in Mus musculus. Blagburn BL, et al. **J Protozool** 1984 Nov; 31(4):556-61

The pathology of the small intestine in human schistosomiasis mansoni in the Sudan. Fedail SS, et al. **Trop Med Parasitol** 1985 Jun;36(2):94-6

Evaluation of jejunal mucosa biopsy in patients with giardiasis. Kociecka W, et al. **Wiad Parazytol** 1984; 30(3):311-9

[Abdominal angiostrongyliasis. Anatomo-pathological study of 4 cases observed in Rio Grande do Sul, Brazil] Agostini AA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec; 79(4):443-5 (Eng. Abstr.) **(Por)**

[Schistosoma mansoni. Correlation between parasite burden and endoscopic and histopathological humoral changes] Pérez Ramos E, et al. **Rev Cubana Med Trop** 1984 Jan-Apr; 36(1):63-71 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Intestinal giardiasis: the importance of serial filming. Brandon J, et al. **AJR** 1985 Mar;144(3):581-4

Diagnostic imaging in parasitic infections. Palmer PE. **Pediatr Clin North Am** 1985 Aug;32(4):1019-40 (46 ref.)

THERAPY

Natural history of intestinal parasites in asymptomatic adults. Barrett-Connor E. **J Fam Pract** 1984 Nov;19(5):635-9

TRANSMISSION

Cryptosporidiosis in hospital personnel. Evidence for person-to-person transmission. Koch KL, et al. **Ann Intern Med** 1985 May;102(5):593-6

[Laboratory animal infection in modeling intestinal schistosomiasis] Zelia OP. **Parazitologiia** 1984 Sep-Oct; 18(5):368-73 (Eng. Abstr.) **(Rus)**

[Imported intestinal parasitoses] Pividal Grana J, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):30-41 (Eng. Abstr.) **(Spa)**

VETERINARY

Methyl 5(6)-4-2-pyridyl piperazino carbamoyl benzimidazole-2-carbamate--a new broad spectrum

anthelmintic. Katiyar JC, et al. **Acta Trop (Basel)** 1984 Sep;41(3):279-86
Feline giardiasis: observations on natural and induced infections. Kirkpatrick CE, et al. **Am J Vet Res** 1984 Oct;45(10):2182-8
Prevalence of gastrointestinal parasitism in Oklahoma swine. Morris RG, et al. **Am J Vet Res** 1984 Nov;45(11):2421-3
Controlled field trial on the anthelmintic effectiveness of the morantel sustained-release bolus in grazing calves. Presson BL, et al. **Am J Vet Res** 1984 Dec;45(12):2628-30
Efficacy of fenbendazole against inhibited larvae of Ostertagia ostertagi in yearling cattle. Williams JC, et al. **Am J Vet Res** 1984 Oct;45(10):1989-93
Study of gastro-intestinal strongylosis in a sheep flock on permanent pasture 2. Sheep parasitism in 1978-1979. Hubert J, et al. **Ann Rech Vet** 1985;16(1):29-39
Coccidiosis associated with post-weaning diarrhoea in beef calves in a dry tropical region. Parker RJ, et al. **Aust Vet J** 1984 Jun;61(6):181-3
Internal parasites of the horse and their control. Duncan JL. **Equine Vet J** 1985 Mar;17(2):79-82
Resistance of nonlambing exotic and domestic ewes to naturally acquired gastrointestinal nematodes. Courtney CH, et al. **Int J Parasitol** 1985 Jun;15(3):239-43
The site distribution of adult strongyle parasites in the large intestines of horses in tropical Australia. Mfitilodze MW, et al. **Int J Parasitol** 1985 Jun;15(3):313-9
A prediction model for parasitic gastro-enteritis in lambs. Paton G, et al. **Int J Parasitol** 1984 Oct;14(5):439-45
Efficacy of ivermectin against gastrointestinal nematodes in dromedary camels. Boyce W, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1307-8
Calcium and phosphorus absorption in lambs exposed to Trichostrongylus colubriformis. Poppi DP, et al. **J Comp Pathol** 1985 Jul;95(3):453-64
Intestinal parasites of the free-ranging Cayo Santiago rhesus monkeys (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1984;13(2):57-66
Efficacy of ivermectin against gastrointestinal nematodes in cattle in South Africa. Swan GE, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):21-3
Neutrophilic nodules in the intestinal walls of Japanese monkeys associated with the neutrophil chemotactic activity of larval extracts and secretions of Oesophagostomum aculeatum. Horii Y, et al. **Res Vet Sci** 1985 Jan;38(1):115-9
Ovine internal parasitism in the Yemen Arab Republic. Hunter AG, et al. **Trop Anim Health Prod** 1984 May;16(2):95-106
Internal parasitism in milk goats in Kenya. Lutu WZ. **Trop Anim Health Prod** 1984 Aug;16(3):153-7
Field efficacy of a morantel sustained release bolus for control of gastrointestinal nematodes in yearling steers. Hawkins JA, et al. **Vet Parasitol** 1985 Mar;17(3):229-38
The effect of erythrosin B on infective larvae of bovine gastrointestinal nematodes. Hawkins JA, et al. **Vet Parasitol** 1984 Oct;16(1-2):35-41
Fatal infection of an elephant calf caused by the trematode Protofasciola robusta (Lorenz, 1881) in Somaliland. Vítovec J, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):597-602
[The economic significance of coccidia of the genus Cryptosporidium in calf rearing] Fischer O. **Vet Med (Praha)** 1984 Jul;29(7):419-24 (Eng. Abstr.) **(Cze)**
[Interference between anthelmintics and immunity in gastrointestinal strongylosis of sheep] Luffau G, et al. **Ann Rech Vet** 1985;16(1):17-23 (Eng. Abstr.) **(Fre)**
[New evidence of the capacity of parasite-infected fish for a humoral immune response] Balakhnin IA. **Dokl Akad Nauk SSSR** 1985;281(6):1492-4 **(Rus)**

INTESTINAL FISTULA

[External postoperative duodenal fistulae] Voitenok NK, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):46-9 (Eng. Abstr.) **(Rus)**

BLOOD

[Thrombohemorrhagic complications of external intestinal fistulas] Arbuliev MG, et al. **Klin Khir** 1985 Feb;(2):6-8 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Diffuse non-specific aortitis with multiple saccular aneurysms and aorto-enteric fistula. Mukhopadhayay AK, et al. **Br Heart J** 1985 Jul;54(1):102-4
Enterobiliary fistulae: a potential cause of a false-negative hepatobiliary study in the diagnosis of acute cholecystitis. Ripley SD, et al. **Eur J Nucl Med** 1985;10(3-4):167-8
A case report of Crohn's disease with sigmoido-vesical fistula. Takeshima H, et al. **Hinyokika Kiyo** 1984 Jun;30(6):793-6
Acute upper gastro-intestinal haemorrhage in a patient with choledochoduodenal fistula. Harte PJ, et al. **Ir Med J** 1984 Nov;77(11):353-4
Aorto-enteric fistulae: spontaneous and after aorto-iliac operations. Gozzetti G, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):420-6
Tuberculous abscess of the liver with duodenal fistula. Vajaradul C, et al. **J Med Assoc Thai** 1984 Oct;67(10):574-9
Sequelae of gangrene of the ileum in childhood. Ibrahim N, et al. **Med J Aust** 1985 Apr 1;142(7):411-2
Recurrent chronic epididymitis as an initial symptom of colovesical fistula. Godec CJ, et al. **NY State J Med** 1985 May;85(5):222-4
[Formation of aorto-intestinal fistula as the cause of intermittent gastrointestinal hemorrhage] Rasmussen H. **Ugeskr Laeger** 1985 Apr 29;147(18):1483-4 (Eng. Abstr.) **(Dan)**
[Fever 13 years following an aortofemoral bypass operation] Lins RL, et al. **Acta Clin Belg** 1984;39(3):167-70 (Eng. Abstr.) **(Dut)**
[Primary aortoduodenal fistula, a rare cause of gastrointestinal blood loss] Voorhoeve R, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):908-10 (Eng. Abstr.) **(Dut)**
[Primary aortoduodenal fistula: apropos of 2 cases] Fastrez J, et al. **Acta Chir Belg** 1985 Jan-Feb;85(1):61-6 (Eng. Abstr.) **(Fre)**
[Microcirculatory disorders in patients with external intestinal fistulas and their correction] Vitsyn BA, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):52-4 (Eng. Abstr.) **(Rus)**
[Intestinal fistulas as a cause of abdominal abscesses] Poliakov NG, et al. **Klin Khir** 1985 Feb;(2):26-7 (Eng. Abstr.) **(Rus)**
[Enterocutaneous fistulas. Report of 30 cases] Ramirez-Guerrero A, et al. **Rev Invest Clin** 1984 Oct-Dec;36(4):343-8 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

An arthritic woman with feculent emesis. Molina A. **Hosp Pract [Off]** 1985 Sep 15;20(9):82CC, 82FF
Spontaneous production of a pyeloduodenal fistula. Kiss T, et al. **Int Urol Nephrol** 1984;16(3):195-8
Detection of enteric-urinary fistulas with a noninvasive quantitative method. Lippert MC, et al. **J Urol** 1984 Dec;132(6):1134-6
Iliac appendiceal fistula: case presentation and review of management. Kitzmiller JW, et al. **J Vasc Surg** 1984 Sep;1(5):695-6
Case report: Rhode Island Hospital [clinical conference] Albala MM, et al. **RI Med J** 1985 Jan;68(1):35-41
Ureteroduodenal fistula. Sumiya H, et al. **Urol Int** 1985;40(1):33-5
ERCP documentation of pancreatic ascites and cystoenteric fistula. Brozinsky S. **West J Med** 1985 Apr;142(4):552-4
[Aorto-intestinal fistulas. 4 case reports] Bansky G, et al. **Schweiz Med Wochenschr** 1984 Sep 15;114(37):1263-8 (Eng. Abstr.) **(Ger)**
[Combined x-ray-endoscopic examination in the diagnosis of fistulas of the large intestine] Anan'ev VG, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):129-32 **(Rus)**

DIET THERAPY

[Postoperative high digestive-cutaneous fistula. Advantages of nutritional treatment] Maione G, et al. **Minerva Med** 1984 Sep 15;75(35):2007-9 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Somatostatin treatment of gastrointestinal fistulas: evidence for a rebound effect on withdrawal. Reasbeck PG. **Aust NZ J Surg** 1984 Oct;54(5):465-7
Favorable effect of 6-mercaptopurine on fistulae of Crohn's disease. Korelitz BI, et al. **Dig Dis Sci** 1985 Jan;30(1):58-64
Conservative treatment of selected patients with colovesical fistula due to diverticulitis. Amin M, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):442-4
[Critical evaluation of the protracted use of somatostatin in the conservative treatment of complex pancreatico-duodenal fistulas] Rumi A, et al. **Chir Ital** 1983 Dec;35(6):1003-13 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Acquired B-antigen in a patient with a colo-vesical fistula. Muylle L, et al. **Acta Clin Belg** 1984;39(6):390-2
Major gastrointestinal haemorrhage as a complication of cholecystoduodenal fistula in gallstone disease. Report of three cases. Hjelmqvist B, et al. **Ann Chir Gynaecol** 1985;74(1):6-8
Ureterocolic fistula. Heney NM, et al. **Br J Urol** 1984 Apr;56(2):225-6
Spontaneous choledochal-colonic fistula treated by duodenoscopic sphincterotomy. Bannister P, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1114
Spontaneous enteroumbilica fistula. Ubhi CS, et al. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1743
Choledochoduodenal fistula and gallstone ileus in the absence of the gallbladder [letter] Derodra J. **Can J Surg** 1985 Jul;28(4):302
Aortoenteric fistula developing 7 years after aortofemoral bypass surgery [letter] Gough JC. **Can Med Assoc J** 1984 Sep 15;131(6):539-41
Colouterine fistula secondary to diverticulitis. Chaikof EL, et al. **Dis Colon Rectum** 1985 May;28(5):358-60
The relationship between fistulas in Crohn's disease and associated carcinoma. Report of four cases and review of the literature. Church JM, et al. **Dis Colon Rectum** 1985 May;28(5):361-6
Enterocutaneous fistulization due to Actinomyces odontolyticus. Report of a case. Klaaborg KE, et al. **Dis Colon Rectum** 1985 Jul;28(7):526-7
Triple lumen pylorus--a complication of peptic ulcer. Moses FM, et al. **Gastrointest Endosc** 1985 Feb;31(1):23-5
Zinc deficiency as a problem in patients with Crohn's disease and fistula formation. Kruis W, et al. **Hepatogastroenterology** 1985 Jun;32(3):133-4
A colocutaneous fistula occurring 50 years after a shotgun injury. Swan KG, et al. **Injury** 1984 Nov;16(3):200-1
Renal artery graft-to-duodenum fistula: unusual presentation of a recurrent flank abscess. King RM, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):509-11
Choledochoduodenal fistula and choledocholithiasis: treatment by endoscopic enlargement of the choledochoduodenal fistula. Van Linda BM, et al. **J Clin Gastroenterol** 1984 Aug;6(4):321-4
Concomitant choledochoduodenal and gastrojejunocolic fistulae in duodenal ulcer. Kakar A, et al. **J Indian Med Assoc** 1984 Oct;82(10):376-8
Intestino-arterial fistula following urinary diversion. Ferrie BG. **J R Soc Med** 1985 Apr;78(4):341
Colocutaneous fistula complicating Tenckhoff catheter placement for intraperitoneal chemotherapy. Wakefield T, et al. **J Surg Oncol** 1984 Nov;27(3):205-7
Nephro-duodenal fistula: a complication of percutaneous nephrolithotomy. Culkin DJ, et al. **J Urol** 1985 Sep;134(3):528-30
Gastrojejunal and gastroesophageal fistulae following placement of an Angelchik prosthesis [letter] Ell SR. **JAMA** 1984 Dec 7;252(21):2961-2
Malignant colo-jejunal fistula. Ziv Y, et al. **Panminerva Med** 1984 Apr-Jun;26(2):119-21
Cholecystoduodenocolic fistula and gallstone ileus. Gibbons CP, et al. **Postgrad Med J** 1984 Oct;60(708):698-9
Graft-enteric fistulas and erosions. Paaske WP, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):161-4
Ileourethral fistula following cystectomy: a rare complication. Hertz M, et al. **Urol Radiol** 1984;6(3-4):187-9
Acquired vesicocolonic fistula in a child: a complication in management of a neurogenic bladder. Wolfson BJ. **Urol Radiol** 1984;6(3-4):223-5
Urachal adenocarcinoma presenting as vesicoenteric fistula. Bennett JK, et al. **Urology** 1985 Mar;25(3):297-9
Appendicovesical fistula. Haas GP, et al. **Urology** 1984 Dec;24(6):604-9
[Double pylorus and pyloroduodenal fistulas: two case reports and discussion] Keet AD, et al. **S Afr Med J** 1984 Nov 10;66(19):740-2 (Eng. Abstr.) **(Afr)**
[Colonothoracic fistulas: presentation of 2 cases] Roy G, et al. **Acta Chir Belg** 1985 May-Jun;85(3):179-83 (Eng. Abstr.) **(Fre)**
[A case of colocutaneous fistula caused by cancer of the cecum in a young subject (letter)] Issa M, et al. **J Chir (Paris)** 1984 Nov;121(11):693-4 **(Fre)**
[Aortoduodenal fistula of tuberculous origin (letter)] Boisserie P, et al. **Presse Med** 1985 Jan 19;14(2):106-7 **(Fre)**
[Choledochoduodenal fistula of ulcerous origin. 2 cases] Dubois F, et al. **Presse Med** 1985 Apr 20;14(16):879-81 (Eng. Abstr.) **(Fre)**
[20 cases of bilio-digestive fistulae of calculous origin] Ben Younes A, et al. **Tunis Med** 1984 Nov;62(7):509-12 (Eng. Abstr.) **(Fre)**
[Aortoduodenal fistula following aortic replacement--cause of massive upper gastrointestinal hemorrhage] Bätz W, et al. **Chirurg** 1985 Feb;56(2):117-9 **(Ger)**
[Enteral fistulas in Crohn disease] Muller C. **Schweiz Rundsch Med Prax** 1984 Nov 27;73(48):1477-87 (102 ref.) (Eng. Abstr.) **(Ger)**
[Apropos of spontaneous bilio-digestive fistulas] Zambon M, et al. **Ann Ital Chir** 1984;56(3):227-36 (Eng. Abstr.) **(Ita)**
[Granulomatous enterocolitis and colo-duodenal fistula] Mosca F, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1745-9 (Eng. Abstr.) **(Ita)**
[Idiopathic internal biliary fistulas] Kleba T. **Pol Tyg Lek** 1984 May 7;39(19):635-8 (Eng. Abstr.) **(Pol)**
[2 cases of gastro-jejuno-colonic fistula] Badowski A, et al. **Wiad Lek** 1985 Jan 15;38(2):134-9 (Eng. Abstr.) **(Pol)**
[Complications of cholelithiasis caused by large calculi] Borovkov SA. **Khirurgiia (Mosk)** 1984 Jul;(7):96-9 **(Rus)**
[Intestinal fistula after emergency laparotomy] Kuzionov PV, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):53-6 **(Rus)**
[Intestinal fistula after appendectomy] Myshkin KI, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):38-41 **(Rus)**
[Reno-ileal fistula as a complication of xanthogranulomatous pyelonephritis] Ramirez Ruiz F, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):169-72 (Eng. Abstr.) **(Spa)**
[Gastrocolic fistulae of neoplastic origin] Braghetto I, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):119-24 (Eng. Abstr.) **(Spa)**
[Spontaneous choledocoduodenostomy caused by lithiasis of hydatid origin in hepatic hydatidosis with massive invasion of the bile ducts] Gil-Albarellos Marcos R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):457-61 (Eng. Abstr.) **(Spa)**
[Reno-cutaneous-duodenal fistula] Saiz Carrero A, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):281-4 (Eng. Abstr.) **(Spa)**

METABOLISM

[Nitrogen balance of children with fistulae of the small intestine kept on a diet with a protein enteral feeding formula] Klichev BM, et al. **Vopr Pitan** 1985 May-Jun;(3):21-3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Spontaneous simultaneous internal and external biliary fistulae. Reed MW, et al. **Br J Surg** 1985 Jul;72(7):538

[Primary aortoenteric fistula of the 3d portion of the duodenum] Sölétormos G, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1366-7 (Eng. Abstr.) **(Dan)**

[Primary iliac-cecal fistula by toothpick penetration] Mark G, et al. **Vasa** 1985;14(2):177-9 (Eng. Abstr.) **(Ger)**

[Cholecystitis complicated by cholecystoduodenal fistula and phlegmon of the stomach] Petruk VI, et al. **Klin Khir** 1984 Sep;(9):61-2 **(Rus)**

PHYSIOPATHOLOGY

[Physiological control and pharmacological inhibition of digestive secretions] De Graef J, et al. **Acta Chir Belg** 1985 May-Jun;85(3):149-53 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

[Postoperative pancreatic fistulas: clinical study of a series of 114 consecutive cephalic duodeno-pancreatectomies] Lerut J, et al. **Acta Chir Belg** 1985 May-Jun;85(3):205-10 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

CT in the diagnosis of enterovesical fistulae. Goldman SM, et al. **AJR** 1985 Jun;144(6):1229-33

Cholecystoduodenal fistula. Alberti-Flor JJ, et al. **Am J Gastroenterol** 1985 Aug;80(8):655-7

CT diagnosis of cholecystoduodenal fistula. Harkavy LA, et al. **Am J Gastroenterol** 1985 Jul;80(7):569-71

The diagnosis of aortic graft-enteric fistulae by computed tomography. Ackroyd J, et al. **Br J Surg** 1985 Jan;72(1):72-3

Sigmoid-appendiceal fistula in diverticular disease. Libson E, et al. **Diagn Imag Clin Med** 1984;53(5):262-4

CT of aortoenteric fistulas. Mark AS, et al. **Invest Radiol** 1985 May-Jun;20(3):272-5

A case of a primary aorto-duodenal fistula detected by arteriography. Dendooven D, et al. **J Belge Radiol** 1984;67(6):417-20

The ileorectal and ileosigmoidal fistula in Crohn's disease: a clinical-radiological correlation. Korelitz BI. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):341-6

Ureterocolic fistula diagnosed by antegrade pyelography. Ferrie BG. **Urol Radiol** 1985;7(2):116-8

[Vesico-intestinal fistulas] Van Kerrebroeck P, et al. **Acta Chir Belg** 1985 May-Jun;85(3):199-204 (Eng. Abstr.) **(Dut)**

[Fever of unknown origin] Reinbold WD, et al. **Radiologe** 1984 Nov;24(11):532-4 (Eng. Abstr.) **(Ger)**

[Cause of bacteriuria?] Wimmer B. **Radiologe** 1984 Nov;24(11):535-6 **(Ger)**

[Inflammatory vesicosigmoidal fistula. A case report] Yoshimura N, et al. **Hinyokika Kiyo** 1984 Jun;30(6):775-9 (Eng. Abstr.) **(Jpn)**

[Gastrocolic fistulas] Semenova NA, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):79-81 **(Rus)**

RADIONUCLIDE IMAGING

Uptake of indium-111-labeled leukocytes in a cutaneo-cecal-vaginal fistula. Case report. Abdel-Nabi H, et al. **Clin Nucl Med** 1984 Dec;9(12):732-3

Imaging of an actively bleeding aortoduodenal fistula. Makhija M, et al. **Clin Nucl Med** 1985 May;10(5):372-3

The role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappearance of a staghorn calculus. Shortliffe LM. **J Urol** 1985 Jun;133(6):1020-1

[A case of cholecystocolic fistula demonstrated with 99mTc-PMT imaging] Takada T, et al. **Rinsho Hoshasen** 1985 May;30(5):617-20 (Eng. Abstr.) **(Jpn)**

SURGERY

Postoperative duodenal fistulas. A report of 23 cases with emphasis on the surgical treatment by the Roux-en-Y operation. De Backer A, et al. **Acta Chir Belg** 1985 May-Jun;85(3):185-91

Conservative surgery for vesico-colic fistula. Walmsley BH, et al. **Acta Urol Belg** 1984;52(4):538-42

Improvements in the diagnosis and management of aortoenteric fistula. O'Donnell TF Jr, et al. **Am J Surg** 1985 Apr;149(4):481-6

A community experience with entericovesical fistulas. Suits GS, et al. **Am Surg** 1985 Sep;51(9):523-8

Anaesthesia for colobronchial fistula. Swerdlow B, et al. **Anaesthesia** 1985 Jan;40(1):42-4

Malignant duodenocolic fistula: long-term survival following an extended right hemicolectomy with wide local excision of the duodenum. Cawthorn SJ, et al. **Br J Surg** 1985 Mar;72(3):211

Late failure of a stapled small-bowel exclusion procedure. Friedman IH. **Dis Colon Rectum** 1985 Feb;28(2):132-3

Internal fistulas in Crohn's disease. Glass RE, et al. **Dis Colon Rectum** 1985 Aug;28(8):557-61

Surgical management of ileosigmoid fistulas in Crohn's disease. van Dongen LM, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):325-7

[Experience in the treatment of 255 cases of external intestinal fistula] Li JS. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):686-8 **(Chi)**

[Parapapillary choledochoduodenal fistula: diagnosis and treatment] Xu RN. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):672-3, 701 (Eng. Abstr.) **(Chi)**

[Digestive fistulas in Crohn's disease] Detry R, et al. **Acta Chir Belg** 1985 May-Jun;85(3):193-7 (Eng. Abstr.) **(Fre)**

[Colo-duodenal fistula caused by cancer of the right colonic flexure treated by right extended hemicolectomy associated with a mucosal patch using a terminal ileal pedicled graft. Apropos of a case] Bouasakao N, et al. **J Chir (Paris)** 1984 Dec;121(12):757-63 (Eng. Abstr.) **(Fre)**

[Surgery for excision of malignant duodenocolic fistulas. Review of the literature apropos of a case] Le Treut YP, et al. **J Chir (Paris)** 1984 Jun-Jul;121(6-7):411-8 (Eng. Abstr.) **(Fre)**

[Aortodigestive fistula (letter)] Pelouze G, et al. **Presse Med** 1985 Feb 2;14(4):230-1 **(Fre)**

[The place of surgery in enterocutaneous fistulas] Akovbiantz A, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1465-9 (Eng. Abstr.) **(Ger)**

[Fistulas in Crohn disease--conservative versus operative treatment. [The surgical viewpoint] Herfarth C. **Z Gastroenterol [Verh]** 1985 Apr;20:34-7 **(Ger)**

[Surgical treatment of colovesical fistulas (our experience)] Dagradi V, et al. **Chir Ital** 1984 Aug;36(4):572-81 (Eng. Abstr.) **(Ita)**

[Two cases of spontaneous fistula between urinary tract and gastrointestinal tract] Harada M, et al. **Hinyokika Kiyo** 1985 Apr;31(4):683-7 (Eng. Abstr.) **(Jpn)**

[Bilio-digestive fistulas] Mittelstaedt WE, et al. **Arq Gastroenterol** 1984 Jan-Mar;21(1):3-12 (Eng. Abstr.) **(Por)**

[External intestinal fistulas] Karipidi GK. **Khirurgiia (Mosk)** 1984 Aug;(8):55-9 (Eng. Abstr.) **(Rus)**

[Surgical treatment of gastrointestinal fistulae] Vitebskiĭ IaD, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):45-9 (Eng. Abstr.) **(Rus)**

[Treatment of patients with incompletely formed intestinal fistulas] Vitsyn BA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):129-33 **(Rus)**

[Intraperitoneal operations in external intestinal fistulas] Askerkhanov RP. **Klin Khir** 1985 Feb;(2):8-9 (Eng. Abstr.) **(Rus)**

[Obturation of external intestinal fistulas using screw obturators] Grigor'ev SG, et al. **Klin Khir** 1985 Feb;(2):51 **(Rus)**

[Tactics in the treatment of external intestinal fistulas in children] Leniushkin AI, et al. **Klin Khir** 1985;(6):9-11 (Eng. Abstr.) **(Rus)**

[Obturation and local dialysis in unformed intestinal fistulas] Sharapov VF, et al. **Klin Khir** 1985 Feb;(2):52-3 **(Rus)**

[Experimental and surgical contribution to the treatment of defects of the abdominal organs and the anastomosis of the digestive tract] Prcić M. **Acta Chir Iugosl** 1984 Mar;31(2):133-52 (Eng. Abstr.) **(Scr)**

[Primary aortoenteric fistula and severe postoperative hypertension] Turabian Fernández JL, et al. **Rev Clin Esp** 1984 May 31;173(4):237-8 **(Spa)**

THERAPY

Gastro-intestinal fistulas: the role of nutritional support. Soeters PB. **Acta Chir Belg** 1985 May-Jun;85(3):155-62

Total parenteral nutrition with the '3-litre bag': effect of fat emulsion on amino acid kinetics and nitrogen balance in patients with intestinal fistulae. O'Keefe SJ, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):375-82

The treatment of high enterocutaneous fistula with surgical drainage and total parenteral nutrition. Harju E, et al. **Int Surg** 1985 Jan-Mar;70(1):33-8

A practical approach to wound care in patients with complex enterocutaneous fistulas. Hollis HW Jr, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):178-80

[Comparison of 14-AA-800 and 11-AA amino acids solutions in severe septic patients] Li AH, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):199-202, 252 (Eng. Abstr.) **(Chi)**

[Metabolic complications during total parenteral] Li JS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):72-4, 125 (Eng. Abstr.) **(Chi)**

[Enteral nutrition in gastrointestinal fistulas. Review of the literature] De Groof E, et al. **Acta Chir Belg** 1985 May-Jun;85(3):163-8 (Eng. Abstr.) **(Dut)**

[Treatment of enterocutaneous small intestine fistula using parenteral nutrition therapy] Dárdai E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):149-52 (Eng. Abstr.) **(Ger)**

[Parenteral nutrition is enterocutaneous fistulas. Indications and feasibility] Leutenegger AF. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1433-6 (Eng. Abstr.) **(Ger)**

[Fistulas in Crohn disease--conservative versus operative treatment. The internist viewpoint] Malchow H. **Z Gastroenterol [Verh]** 1985 Apr;20:28-33 **(Ger)**

[External duodeno-pancreatic fistulas. Proposal of an associated treatment: aspiration with a nutripump and infusion of lactic acid] Rumi A, et al. **Chir Ital** 1984 Apr;36(2):204-8 (Eng. Abstr.) **(Ita)**

[Total parenteral nutrition and somatostatin in hypersecretory pancreatic and pancreatico-jejunal fistulas] Gaggiotti G, et al. **Minerva Chir** 1985 May 31;40(10):711-5 (Eng. Abstr.) **(Ita)**

[Postoperative duodeno-cutaneous fistula in an infant: conservative treatment, total parenteral nutrition] Ridolfi L, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):457-8 (Eng. Abstr.) **(Ita)**

[Therapeutic procedure in anastomotic fistulae after total gastrectomy for cancer] Acalovschi I, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):279-84 (Eng. Abstr.) **(Rum)**

[Treatment at Yessentuki health resort of a female patient with a choledochoduodenal fistula] Chernitsyna MN. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):52-3 **(Rus)**

INTESTINAL HORMONES see **GASTROINTESTINAL HORMONES**

INTESTINAL MOTILITY see **GASTROINTESTINAL MOTILITY**

INTESTINAL MUCOSA

A method for the preparation of large intact sheets of intestinal mucosa: application to the study of mouse aggregation chimeras. Schmidt GH, et al. **Anat Rec** 1984 Oct;210(2):407-11

Ultrasonic fragmentation. A new technique for mucosal proctectomy. Heimann TM, et al. **Arch Surg** 1985 Oct;120(10):1200-3

Mucosal clipping--utility and safety testing in the colon. Lehman GA, et al. **Gastrointest Endosc** 1985 Aug;31(4):273-6

[Occurrence and topography of intestinal metaplasia of gastric mucosa in patients with gastric and duodenal ulcers and in a control group] Rembiasz K, et al. **Patol Pol** 1984 Jul-Sep;35(3):287-308 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of the effect of extracts of the mucosa of the proximal and distal segments of the intestines on food intake] Rozin DG. **Fiziol Zh SSSR** 1985 Feb;71(2):261-3 **(Rus)**

ANALYSIS

Mucosubstance histochemistry of the normal mucosa and epithelial neoplasms of the large intestine. Ono K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):281-97

Isolation and characterization of two species of receptor which bind intrinsic factor. Marcoullis G, et al. **Arch Biochem Biophys** 1984 Dec;235(2):482-92

Biochemical characterization of the component parts of intestinal mucin from patients with cystic fibrosis. Mantle M, et al. **Biochem J** 1984 Dec 1;224(2):345-54

Two-dimensional isoelectric focussing/sodium dodecyl sulphate polyacrylamide gel electrophoretic mapping and some molecular characteristics of the proteins of the adult guinea-pig small intestinal microvillus membrane. Wall JC, et al. **Biochim Biophys Acta** 1985 May 14;815(2):175-83

Transferrin in isolated cells from rat duodenum and jejunum. Osterloh K, et al. **Blut** 1985 Jul;51(1):41-7

Ferritin and lysozyme distribution in normal and abnormal duodenal mucosae. Shousha S, et al. **Dig Dis Sci** 1985 Jul;30(7):630-6

Membrane-associated vitamin D-induced calcium-binding protein (CaBP): quantification by a radioimmunoassay and evidence for a specific CaBP in purified intestinal brush borders. Shimura F, et al. **Endocrinology** 1984 Nov;115(5):1964-72

Study of the histochemical changes in mucus from normal and tumour bearing mucosa in patients with colorectal cancer. Habib NA, et al. **Eur J Surg Oncol** 1985 Sep;11(3):243-5

Glicentin is present in the pig pancreas. Sheikh SP, et al. **FEBS Lett** 1985 Jan 1;179(1):1-6

Chemical and histochemical studies of normal and diseased human gastrointestinal tract. III. Changes in the histochemical and chemical properties of the epithelial glycoproteins in the mucosa close to colonic tumours. Reid PE, et al. **Histochem J** 1985 Feb;17(2):171-81

Solubilization and partial characterization of the intestinal receptor for Escherichia coli heat-stable enterotoxin. Dreyfus LA, et al. **Infect Immun** 1984 Nov;46(2):537-43

Ia-like antigens in the small intestinal mucosa of normal and celiac children. Avigad S, et al. **Isr J Med Sci** 1985 May;21(5):405-9

Identification of insulin receptors on the mucosal surface of colon epithelial cells. Pillion DJ, et al. **J Biol Chem** 1985 May 10;260(9):5244-7

Regional differences in normal and cancer-associated glycoconjugates of the human colon. Bresalier RS, et al. **JNCI** 1985 Aug;75(2):249-60

Prostacyclin content of jejunal mucosa in non-operated patients and after Billroth II gastrectomy. Banai J, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):253-4

The heterogeneity of gastric inhibitory polypeptide in porcine and human gastrointestinal mucosa evaluated with five different antisera. Krarup T, et al. **Regul Pept** 1984 Sep;9(1-2):35-46

Antibiotic concentrations in intestinal mucosa. Malmborg AS. **Scand J Infect Dis [Suppl]** 1985;44:59-62

Heparan sulphates from porcine intestinal mucosa. Preparation and physicochemical properties. Johnson EA.

Thromb Res 1984 Sep 1;35(5):583-8

[Isolation and subcellular localization of a large molecular iron binding protein in rat intestinal mucosa] Orimo H. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):315-24 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Jejunal mucosal morphology in healthy north Indian subjects. Bennett MK, et al. **J Clin Pathol** 1985 Apr;38(4):368-71

Geometric model of the rat intestinal mucosa for stereological evaluation of villus amplification factors. Mayhew TM. **J Microsc** 1984 Sep;135 (Pt 3):337-46

[Correlation between blood xylose and the morphology of the intestinal mucosa] Ceccarelli M, et al. **Minerva Pediatr** 1984 Jun 15;36(11):577-9 (Eng. Abstr.) **(Ita)**

[Measurement of the functional unstirred water layer thickness in human jejunal mucosa, using the curve of potential difference change] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2738-42 (Eng. Abstr.) **(Jpn)**

[Topographic features of the organization of lymphatic capillaries and lipid resorption in the jejunal villi of the white rat] Karelina NR, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):53-61 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Capillary pressures in rat intestinal muscle and mucosal villi during venous pressure elevation. Davis MJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H174-87

Laser-Doppler, H2 clearance, and microsphere estimates of mucosal blood flow. Kvietys PR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G221-7

Laser-Doppler blood flowmetry of intestinal mucosal hyperemia induced by glucose and bile. Shepherd AP, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G393-7

Differences in reactive hyperemia between the intestinal mucosa and muscularis. Shepherd AP, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G617-22

Surface densities of diaphragmed fenestrae and transendothelial channels in different murine capillary beds. Milici AJ, et al. **Circ Res** 1985 May;56(5):709-17

Experimental studies by the resin-casting method on the vascular structure of the colon following stapler anastomoses. Shikata J, et al. **Dis Colon Rectum** 1985 May; 28(5):341-6

Role of blood flow in gastric and duodenal mucosal injury in the rat. Leung FW, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):281-9

Laser Doppler velocimetry: a new technique for the measurement of intestinal mucosal blood flow. Feld AD, et al. **Gastrointest Endosc** 1984 Aug;30(4):225-30

Mucosal biopsy of vascular ectasia (angiodysplasia) of the large bowel detected during routine colonoscopic examination. Stamm B, et al. **Histopathology** 1985 Jun; 9(6):639-46

The microvasculature of the small-intestinal mucosa of the rat: quantification of hemodynamic effects of topically applied cimetidine, ranitidine, somatostatin, and vasopressin. Neff M, et al. **Scand J Gastroenterol [Suppl]** 1985;112:6-11

PGF2 alpha mediated cytoprotection: a reassessment. Gaskill HV 3d, et al. **Surg Gastroenterol** 1984;3(1):21-6

[Angiodysplasia of the colon. A review and 7 case reports] Vyberg M, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3354-9 (Eng. Abstr.) **(Dan)**

[Morphofunctional features of different divisions of the microcirculatory bed of jejunal villi in the white rat] Kamyshova VV, et al. **Arkh Anat Gistol Embriol** 1985 May; 88(5):44-50 (Eng. Abstr.) **(Rus)**

[Regional blood flow to the gastric and duodenal mucosa] Koval'chuk LA. **Fiziol Cheloveka** 1984 Mar-Apr; 10(2):317-20 **(Rus)**

[Regional blood flow in the gastric and duodenal mucosa of patients with chronic pancreatitis] Diachuk IA, et al. **Vrach Delo** 1985 May;(5):33-4 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Lymphoid cells of the gastrointestinal tract. Isolation procedures. Fiocchi C. **Acta Chir Scand [Suppl]** 1985; 525:11-23

Cells isolated from endoscopical biopsy specimens. Murata Y, et al. **Acta Chir Scand [Suppl]** 1985;525:54-69

Interaction between intestinal and peripheral blood mononuclear cells. Raedler A, et al. **Acta Chir Scand [Suppl]** 1985;525:127-39

Isolation studies--intestinal T lymphocytes. Selby WS. **Acta Chir Scand [Suppl]** 1985;525:45-53

Mononuclear phagocytes in the gastrointestinal tract. Verspaget H, et al. **Acta Chir Scand [Suppl]** 1985;525:113-26

Distribution and morphology of somatostatin cells. Larsson LI. **Adv Exp Med Biol** 1985;188:383-402

Whole population cell kinetics and postnatal development of the mouse intestinal epithelium. Cheng H, et al. **Anat Rec** 1985 Apr;211(4):420-6

Seventh-Day Adventist vegetarians have a quiescent proliferative activity in colonic mucosa. Lipkin M, et al. **Cancer Lett** 1985 Mar;26(2):139-44

Spontaneous and lymphokine-induced cytotoxic activity of monkey intestinal mucosal lymphocytes. James SP, et al. **Cell Immunol** 1985 Jul;93(2):387-97

Crypt fission and crypt number in the small and large bowel of postnatal rats. St. Clair WH, et al. **Cell Tissue Kinet** 1985 May;18(3):255-62

Use of a mouse chimaeric model to study cell migration patterns in the small intestinal epithelium. Wilson TJ, et al. **Cell Tissue Kinet** 1985 May;18(3):333-44

Positional dependence of enterocyte membrane potential in hamster and rabbit enterocytes. Cremaschi D, et al. **Comp Biochem Physiol [A]** 1984;78(4):661-6

Trypsin-like immunoreactivity in human Paneth cells. Bohe M, et al. **Digestion** 1984;30(4):271-5

Cytoskeleton of intestinal goblet cells in rabbit and monkey. The theca. Specian RD, et al. **Gastroenterology** 1984 Dec; 87(6):1313-25

A quantitative morphological study of the effects of carbenoxolone sodium on duodenal goblet-cells of the rat. Gottfried S, et al. **Gen Pharmacol** 1985;16(3):297-8

Intraepithelial lymphocytes of human gut: isolation, characterisation and study of natural killer activity. Cerf-Bensussan N, et al. **Gut** 1985 Jan;26(1):81-8

Isolation of intestinal mononuclear cells: factors released which affect lymphocyte viability and function. Gibson PR, et al. **Gut** 1985 Jan;26(1):60-8

Distribution and endocrine morphology of polypeptide YY (PYY) containing cells in the human gut. Kishimoto S, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):155-60

Intestinal mucosal mast cells: isolation from rat lamina propria and purification using unit gravity velocity sedimentation. Lee TD, et al. **Immunology** 1985 Aug; 55(4):721-8

Primary and long term epithelial cell cultures from human fetal normal colonic mucosa. Siddiqui KM, et al. **In Vitro** 1984 Nov;20(11):859-68

Isolation and characteristics of small intestinal lamina propria cells from normal and nematode (Nippostrongylus brasiliensis)-infected rats. Befus AD, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):345-50

The re-establishment of hypersensitive cells in the crypts of irradiated mouse intestine. Ijiri K, et al. **Int J Radiat Biol** 1984 Nov;46(5):609-23

Crypt cell development in newborn rat small intestine. Quaroni A. **J Cell Biol** 1985 May;100(5):1601-10

Development of fetal rat intestine in organ and monolayer culture. Quaroni A. **J Cell Biol** 1985 May;100(5):1611-22

Relation between the mucosal flora and Paneth cell population of human jejunum and ileum. Elmes ME, et al. **J Clin Pathol** 1984 Nov;37(11):1268-71

Density of mucosal mast cells in the lamina propria of the colon and terminal ileum of children. Sanderson IR, et al. **J Clin Pathol** 1985 Jul;38(7):771-3

Clonal analysis of intestinal crypt populations in mouse aggregation chimaeras. Schmidt GH, et al. **J Embryol Exp Morphol** 1985 Feb;85:121-30

Filipin-cholesterol complexes (FCC) in the goblet cell granule membrane of the distal colon are arranged in a rhombic pattern. Luciano L, et al. **J Histochem Cytochem** 1985 Apr;33(4):360-6

Human colonic substance P-producing cells are a separate population from the serotonin-producing enterochromaffin cells. Sokolski KN, et al. **J Histochem Cytochem** 1984 Oct; 32(10):1066-74

Isolation and characterization of human intestinal mucosal mast cells. Fox CC, et al. **J Immunol** 1985 Jul;135(1):483-91

Enrichment of macrophages in cell suspensions of human intestinal mucosa by elutriation centrifugation. Beeken W, et al. **J Immunol Methods** 1984 Oct 12;73(1):189-201

Long-term-cultured colon epithelial cell lines from individuals with and without colon cancer genotypes. Danes BS. **JNCI** 1985 Aug;75(2):261-7

Derivation of mouse intestinal crypts from single progenitor cells. Ponder BA, et al. **Nature** 1985 Feb 21-27; 313(6004):689-91

Microvillus membrane differentiation: quantitative difference in cholera toxin binding to the intestinal surface of newborn and adult rabbits. Bresson JL, et al. **Pediatr Res** 1984 Oct; 18(10):984-7

Isolation and function of mucosal lymphocytes in the mouse. Dillon SB, et al. **Prog Clin Biol Res** 1985;181:381-5

Response of human jejunal mast cells to degranulatory procedures. Selbekk BH, et al. **Scand J Gastroenterol** 1985 Mar;20(2):145-9

Analysis of the distribution of human jejunal mast cells including the relation to age, sex, height, weight, and possible allergic manifestations. Selbekk BH, et al. **Scand J Gastroenterol** 1985 Mar;20(2):141-4

An immunohistochemical survey of endocrine cells and nerves in the proximal duodenum of the echidna, Tachyglossus aculeatus. Yamada J, et al. **Z Mikrosk Anat Forsch** 1985;99(2):209-18

[Scanning electron microscopy of the rectal mucosa after ureterorectostomy] Pacini P, et al. **Arch Ital Anat Embriol** 1984 Jan-Mar;89(1):39-54 (Eng. Abstr.) **(Ita)**

[Secretin cells in the jejunal mucosa in celiac disease before, during and after diet therapy. Immunohistochemical study] Ceccamea A, et al. **Minerva Pediatr** 1984 Sep 30; 36(18):901-4 (Eng. Abstr.) **(Ita)**

[Light microscopic characteristics of mucosal and connective tissue mast cells of the respiratory and gastro-intestinal tracts] Arai T, et al. **Rinsho Byori** 1985 Jun;33(6):669-73 **(Jpn)**

DRUG EFFECTS

International symposium on the recent advances in gastrointestinal cytoprotection. September 30-October 1, 1983, Pécs, Hungary. **Acta Physiol Hung** 1984; 64(3-4):199-494

The effect of gastric cytoprotective drugs (atropine, cimetidine, vitamin-A) on the indomethacin induced intestinal ulcers in rats. Beró T, et al. **Acta Physiol Hung** 1984;64(3-4):343-7

Preventive effect of PGI2, 7-oxo-PGI2 and 17-aza-PGF2 alpha derivate on the development of indomethacin-induced intestinal mucosal damage in rats. Garamszegi M, et al. **Acta Physiol Hung** 1984; 64(3-4):349-53

The effect of different prostaglandins on cysteamine-induced duodenal ulcer in the rat. Náfrádi J, et al. **Acta Physiol Hung** 1984;64(3-4):339-41

Ultrastructural aspects of duodenal mucosa repair during treatment of peptic disease. Zoli G, et al. **Acta Physiol Hung** 1984;64(3-4):385-92

Fine structural damage to the intestinal mucosa induced by two non-steroid anti-inflammatory drugs of varying potency as prostaglandin synthesis inhibitors. Rainsford KD, et al. **Agents Actions** 1985 Mar;16(1-2):66-8

Stimulation of intestinal cytokinetics and mucin turnover in rats fed wheat bran or cellulose. Vahouny GV, et al. **Am J Clin Nutr** 1985 May;41(5):895-900

Ethanol, aspirin, ibuprofen, and the gastroduodenal mucosa: an endoscopic assessment. Lanza FL, et al. **Am J Gastroenterol** 1985 Oct;80(10):767-9

Inhibition of short-circuit current in rat ileum by aliphatic alcohols. Fernandez Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G547-52

Enzymological and morphological changes in rat intestinal mucosa following treatment with alkylating sugar alcohol derivatives. Prajda N, et al. **Anticancer Res** 1985 Jul-Aug; 5(4):451-6

The action of 1 alpha,25-dihydroxyvitamin D3 on rat small intestine: changes in translatable mRNA species. Kessler MA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):17-25

Insulin influences the maturation and proliferation of suckling mouse intestinal mucosa in serum-free organ culture. Arsenault P, et al. **Biol Neonate** 1984;46(5):229-36

Changed sensitivity to antigen in a gut epithelium treated with bile salts. Baird AW, et al. **Br J Pharmacol** 1985 Mar; 84(3):653-6

Calcium mediation of the pig jejunal secretory response. Forsyth GW, et al. **Can J Comp Med** 1985 Apr;49(2):179-85

Clonogenic response of cells of murine intestinal crypts to 12 cytotoxic drugs. Moore JV. **Cancer Chemother Pharmacol** 1985;15(1):11-5

Hydrochloric acid. A trigger of cell proliferation in the esophagus of dogs. De Backer A, et al. **Dig Dis Sci** 1985 Sep;30(9):884-90

Induced mucosal penetration and transfer to portal blood of luminal horseradish peroxidase after exposure of mucosa of guinea pig small intestine to ethanol and lysolecithin. Talbot RW, et al. **Dig Dis Sci** 1984 Nov;29(11):1015-22

Effect of filtrate containing Clostridium difficile toxin on rectal mucosa maintained in organ culture. Allan A, et al. **Digestion** 1985;32(1):25-9

Pharmacological analysis of 5-hydroxytryptamine actions on guinea-pig ileal mucosa. Cooke HJ, et al. **Eur J Pharmacol** 1985 May 20;111(3):329-37

Sodium deoxycholate promotes the absorption of heparin administered orally, probably by acting on gastrointestinal mucosa, in rats. Guarini S, et al. **Experientia** 1985 Mar 15; 41(3):350-2

Influence of surface-active food additives on the integrity and permeability of rat intestinal mucosa. Tagesson C, et al. **Food Chem Toxicol** 1984 Nov;22(11):861-4

Protection against aspirin-induced antral and duodenal damage with enprostil. A double-blind endoscopic study. Cohen MM, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):382-6

Antibiotic depression of evoked and spontaneous responses of opossum distal colonic muscularis mucosae in vitro: a factor in antibiotic-associated colitis? Percy WH, et al. **Gastroenterology** 1985 Apr;88(4):964-70

Acute gluten challenge in treated adult coeliac disease: a morphometric and enzymatic study. Bramble MG, et al. **Gut** 1985 Feb;26(2):169-74

Ultrastructure of mouse intestinal mucosa and changes observed after long term anthraquinone administration. Dufour P, et al. **Gut** 1984 Dec;25(12):1358-63

Influence of somatostatin and bombesin on plasma enteroglucagon and cell proliferation after intestinal resection in the rat. Sagor GR, et al. **Gut** 1985 Jan; 26(1):89-94

Prostaglandins are not mediators of the intestinal response to cholera toxin. Smith GS, et al. **Gut** 1985 Jul;26(7):680-2

Effect of a single dose of regular and soluble aspirin on the gastric and duodenal mucosa. Sachdev GK, et al. **Indian J Gastroenterol** 1984 Jul;3(3):147-8

Are there diurnal fluctuations in crypt length and crypt cell birth rate in the intestines of normal and carcinogen-treated rats? Senior PV, et al. **J Anat** 1984 Oct;139 (Pt 3):513-23

Effects of loperamide on intestinal ion transport. Guandalini S, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):593-601

1,25-Dihydroxyvitamin D3 rapidly alters the morphology of the duodenal mucosa of rachitic chicks: evidence for novel effects of 1,25-dihydroxyvitamin D3. McCarthy JT,

et al. **J Steroid Biochem** 1984 Sep;21(3):253-8
Diallyl sulfide. A naturally occurring thioether that inhibits carcinogen-induced nuclear damage to colon epithelial cells in vivo. Wargovich MJ, et al. **Mutat Res** 1985 Jul; 143(3):127-9
The leaky gut of alcoholism. **Nutr Rev** 1985 Mar;43(3):72-4
Depletion of mucosal mast cell protease by corticosteroids: effect on intestinal anaphylaxis in the rat. King SJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1214-8
Inhibition of protein synthesis and intestinal absorptive cell ultrastructure in cycloheximide or puromycin-treated rats. Bernard A, et al. **Reprod Nutr Dev** 1985;25(2):451-64
Influence of 16,16-dimethyl prostaglandin E2 on morphology and brush border enzymes of small-bowel mucosa. Differences in reactivity between adult and suckling rats. Baumgartner A, et al. **Scand J Gastroenterol [Suppl]** 1985; 112:41-4
Glucagon and small-bowel mucosa. Riecken EO, et al. **Scand J Gastroenterol [Suppl]** 1985;112:30-40
Morphological changes in the basolateral membrane of the villus cells of the rat small intestine upon Triton X100 extraction. Schiechl H. **Z Mikrosk Anat Forsch** 1984; 98(5):746-54
[Decrease of the cytotoxicity of gliadin fractions in the development of celiac disease. Organotypic culture study] Arnaud-Battandier F, et al. **Arch Fr Pediatr** 1985 Mar; 42(3):245-8 (Eng. Abstr.) **(Fre)**
[Gastrointestinal cytoprotection by prostaglandins] Robert A. **Gastroenterol Clin Biol** 1984 Nov;8(11):819-27 (98 ref.) **(Fre)**
[High adrenaline sensitivity of the mitochondrial processes in the mucosa of the small intestine in rats] Babskiĭ AM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):286-8 (Eng. Abstr.) **(Rus)**
[Early manifestations of the effect of Salmonella endotoxin on the antioxidizing enzyme systems of the liver and intestines in the rat] Popkova NI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):525-7 (Eng. Abstr.) **(Rus)**
[Effect of serotonin, adrenaline and histamine on the mucosal metabolism of the small intestine in white rats] Semik LI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):53-9 (Eng. Abstr.) **(Rus)**
[The effect of vincristine on the morpho-functional state of the rat small intestine] Brodskiĭ RA, et al. **Vopr Onkol** 1984; 30(8):95-101 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Development of gastrointestinal mucosal barrier. VII. In utero maturation of microvillus surface by cortisone. Pang KY, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G85-91
Macromolecular transport in the fetal rat intestine. Colony PC, et al. **Gastroenterology** 1985 Aug;89(2):294-306

ENZYMOLOGY

Vestibular disorders caused by defective enzyme mechanisms in the small intestine. Mangabeira-Albernaz PL, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):330-5
Gastrointestinal mucosal gamma-glutamyl transpeptidase activity changes in different ulcer models of rat. Náfrádi J, et al. **Agents Actions** 1984 Dec;15(5-6):549-50
Dietary fiber and intestinal adaptation: effects on intestinal and pancreatic digestive enzyme activities. Calvert R, et al. **Am J Clin Nutr** 1985 Jun;41(6):1249-56
Sodium potassium ATPase activity in human rectal mucosa with and without renal insufficiency. Hené RJ, et al. **Am J Kidney Dis** 1985 Mar;5(3):177-81
Cl- -HCO3- -stimulated ATPase in intestinal mucosa of Aplysia. Gerencser GA, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R241-8
Sequential disaccharidase loss in rat intestinal blind loops: impact of malnutrition. Sherman P, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G626-32
Polyamines and intestinal growth: absolute requirement for ODC activity in adaptation during lactation. Yang P, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G553-7
Factors stabilizing pyrroline-5-carboxylate synthase of rat intestine mucosa at a physiological temperature. Wakabayashi Y, et al. **Arch Biochem Biophys** 1985 May 1;238(2):464-8
The relationship of alkaline phosphatase, CaATPase, and phytase. Williams SA, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):10-3
Fatty acid stimulated N-demethylation of 1,2-dimethylhydrazine and tetramethylhydrazine by rat colonic mucosa. Craven PA, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3101-6
Mucin synthesis. UDP-GlcNAc:GalNAc-R beta 3-N-acetylglucosaminyltransferase and UDP-GlcNAc:GlcNAc beta 1-3GalNAc-R (GlcNAc to GalNAc) beta 6-N-acetylglucosaminyltransferase from pig and rat colon mucosa. Brockhausen I, et al. **Biochemistry** 1985 Apr 9;24(8):1866-74
Reconstitution of purified dipeptidyl peptidase IV. A comparison with aminopeptidase N with respect to morphology and influence of anchoring peptide on function. Hussain MM. **Biochim Biophys Acta** 1985 May 14;815(2):306-12
Presence and characterization of acetylcholinesterase in brush-border and basolateral membranes of rabbit enterocytes. Sine JP, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):190-2
Effect of 1,25-dihydroxyvitamin D on S-adenosylmethionine decarboxylase in chick intestine. Steeves RM, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):292-8
Rapid isolation of a triacylglycerol synthetase complex from rat intestinal mucosa. Manganaro F, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):107-14
Purification and preliminary characterization of 2-monoacylglycerol acyltransferase from rat intestinal villus cells. Manganaro F, et al. **Can J Biochem Cell Biol** 1985 May;63(5):341-7
Effects of suppression of eggshell calcification and of 1,25(OH)2D3 on Mg2+, Ca2+ and Mg2+HCO-3 ATPase, alkaline phosphatase, carbonic anhydrase and CaBP levels--II. The laying hen intestine. Nys Y, et al. **Comp Biochem Physiol [A]** 1984;78(4):839-44
Biosynthesis of intestinal microvillar proteins. Expression of aminopeptidase N along the crypt-villus axis. Danielsen EM. **Eur J Biochem** 1984 Dec 17;145(3):653-8
Purification and characterization of two aminopeptidases from guinea-pig small-intestinal mucosa. Cavian intestinal tripeptide hydrolases. Morgan JG, et al. **Eur J Biochem** 1985 Jan 15;146(2):429-35
Immuno-electronmicroscopical localization of a microvillus membrane disaccharidase in the human small-intestinal epithelium with monoclonal antibodies. Fransen JA, et al. **Eur J Cell Biol** 1985 Jul;38(1):6-15
Tissue-specific induction of intestinal glutathione S-transferases by alpha beta-unsaturated carbonyl compounds. Masukawa T, et al. **Experientia** 1984 Nov 15; 40(11):1272-3
Biosynthesis of intestinal microvillar proteins. Surface expression of aminopeptidase N is not affected by chloroquine. Danielsen EM, et al. **FEBS Lett** 1985 Jan 1; 179(1):160-4
Amount and distribution of carbonic anhydrases CA I and CA II in the gastrointestinal tract. Lönnerholm G, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1151-61
Neuron-specific enolase in mucosal endocrine cells and carcinoid tumours of the small intestine: a comparative study with neuron-specific enolase immunocytochemistry and silver stains. Lundqvist M, et al. **Histochem J** 1985 Mar;17(3):323-31
Granulated intraepithelial lymphocytes: their relationship to mucosal mast cells and globule leucocytes in the rat. Huntley JF, et al. **Immunology** 1984 Nov;53(3):525-35
Purification and characterization of cytochrome P-450 specific for prostaglandin and fatty acid hydroxylase activities from the microsomes of rabbit small intestinal mucosa. Kaku M, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1883-91
Isozymes of bovine intestinal alkaline phosphatase. Besman M, et al. **J Biol Chem** 1985 Sep 15;260(20):11190-3
Rat intestinal nucleotide-sugar pyrophosphatase. Localization, partial purification, and substrate specificity. Byrd JC, et al. **J Biol Chem** 1985 Jun 25;260(12):7474-80
Histochemical demonstration of chymotrypsin like serine esterases in mucosal mast cells in four species including man. Huntley JF, et al. **J Clin Pathol** 1985 Apr;38(4):375-84
Jejunal disaccharidases activity in some intestinal parasites in Egypt. Sallam MA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):547-56
Effects of lead on gamma-glutamyl transpeptidase and (Na+-K+)-adenosine triphosphatase of the small intestinal mucosa. Wapnir RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):101-7
Antigenic cross-reactions among human intestinal brush-border enzymes revealed by the immunoblotting method and rabbit anti-enzyme sera. Triadou N. **J Immunol Methods** 1984 Oct 26;73(2):283-91
Rotaviral infection and intestinal lactase level [letter] Arya SC. **J Infect Dis** 1984 Nov;150(5):791
Biosynthesis and intracellular pool of aminopeptidase N in rabbit enterocytes. Feracci H, et al. **J Membr Biol** 1985; 83(1-2):139-46
Dietary fat dependence of intestinal 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase activity in rats. Oku H, et al. **J Nutr** 1985 Jul; 115(7):880-9
Deficiency of pyrroline-5-carboxylate synthase in the intestinal mucosa of the cat. Rogers QR, et al. **J Nutr** 1985 Jan;115(1):146-50
Comparison of folate conjugase activities in human, pig, rat and monkey intestine. Wang TT, et al. **J Nutr** 1985 Jun; 115(6):814-9
Biochemical quantification of crypt hyperplastic villous atrophy by aldolase activity assay. Bender SW, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):506-9
Effect of aldosterone antagonists on aldosterone-induced activation of Mg2+ -HCO3- -ATPase and carbonic anhydrase in rat intestinal mucosa. Suzuki S, et al. **J Steroid Biochem** 1985 Jul;23(1):57-66
An analysis of creatine phosphokinase in the mucosa and the muscularis of the gastrointestinal tract. Graeber GM, et al. **J Surg Res** 1984 Nov;37(5):376-82
Enhanced phospholipase A2 activity in rat plasma, liver, and intestinal mucosa following endotoxin treatment: a possible explanation for the protective effect of indomethacin in endotoxic shock. Shakir KM, et al. **Metabolism** 1985 Feb; 34(2):176-82
Polyamine-sensitive protein kinase from chick intestinal mucosa. Mezzetti G, et al. **Mol Cell Biochem** 1985 Mar; 66(2):175-83
Regulation of mucosal enzymes by their dietary substrates. **Nutr Rev** 1985 Jul;43(7):212-3
Molecular heterogeneity of human placental alkaline phosphatase associated with microvillous membranes. Abu-Hasan NS, et al. **Prog Clin Biol Res** 1984;166:117-26
Studies of the phospholipase A2 activity of rat ileal mucosa. Tagesson C, et al. **Scand J Gastroenterol** 1985 Jan; 20(1):25-30
Histochemical acetylcholinesterase activity in the mucosa of the resected bowel in Hirschsprung's disease. An analysis of 30 cases. Goto S, et al. **Z Kinderchir** 1985 Feb; 40(1):26-30
[Lactase activity of the brush-border of the enterocyte. Genetic and dietetic effects] Brasseur D, et al. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):115-22 (Eng. Abstr.) **(Fre)**
[A new method for the evaluation of enzyme histochemical studies of intestinal mucosa using healthy and sick calves as an example] Stiglmair-Herb MT, et al. **Zentralbl Veterinarmed [A]** 1985 Apr;32(4):249-63 (Eng. Abstr.) **(Ger)**
[The role of intestinal alkaline phosphatase in cholera toxin-induced secretory diarrhea] Yoshioka M. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1981-8 (Eng. Abstr.) **(Jpn)**
[Intestinal peptidase content of the mucous coat of the small intestine in dogs] Mitin IE, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):387-9 (Eng. Abstr.) **(Rus)**
[Enzyme activity of large intestine mucosa in non-specific ulcerative colitis] Iukhvidova ZhM, et al. **Sov Med** 1984; (11):38-43 (Eng. Abstr.) **(Rus)**
[Digestive activity of intestinal disaccharidases in infants with eczema] Vasil'ev IuV. **Vestn Dermatol Venerol** 1984 Oct; (10):16-20 (Eng. Abstr.) **(Rus)**
[Effect of experimental hypercholesterolemia on the activity of various proteinases in the small-intestinal mucosa and liver in rats] Kosarev AV. **Vopr Pitan** 1984 Jul-Aug; (4):51-4 **(Rus)**
[Amylolytic and peptide hydrolase activities of duodenal mucosa in patients with chronic atrophic gastritis] Ganich ON, et al. **Vrach Delo** 1985 Jan;(1):22-5 (Eng. Abstr.) **(Rus)**
[Value of determining casein kinase activity in the diagnosis of cancer of the large intestine] Vasil'ev VIu, et al. **Vrach Delo** 1985 Mar;(3):83-7 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Effects of E, F, and I series prostaglandins and analogues on growth of gastroduodenal mucosa and pancreas. Dembinski A, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G170-5
Stimulation of mucosal growth by a dietary amine. Dembinski AB, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G352-6
Relationship between enteral glucose load and adaptive mucosal growth in the small bowel. Weser E, et al. **Dig Dis Sci** 1985 Jul;30(7):675-81
Developmental changes in the cecal mucosa of the Afghan pika (Ochotona rufescens rufescens): a comparison with the rabbit. Kurohmaru M, et al. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):355-69
Absorption of protein and protein fragments in the developing intestine: role in immunologic/allergic reactions. Walker WA. **Pediatrics** 1985 Jan;75(1 Pt 2):167-71

IMMUNOLOGY

Jejunal mucosa after leukemia treatment in children. Increase of crypt mitotic activity, decrease of intraepithelial lymphocytes and IgA-cells. Perkkiö M, et al. **Acta Paediatr Scand** 1984 Sep;73(5):680-4
Occurrence and some characteristics of the IgG receptors of the small intestinal mucosa: in vitro experiments. Baintner K, et al. **Acta Vet Hung** 1984;32(3-4):181-6
The mucosal immunologic network. Bienenstock J. **Ann Allergy** 1984 Dec;53(6 Pt 2):535-40 (48 ref.)
Immunoregulation of IgE responses: the role of the gut in perspective. Jarrett EE. **Ann Allergy** 1984 Dec;53(6 Pt 2):550-6 (57 ref.)
Macromolecular absorption of food antigens in health and disease. Reinhardt MC. **Ann Allergy** 1984 Dec;53(6 Pt 2):597-601 (35 ref.)
Cellular localization of class I (HLA-A, B, C) and class II (HLA-DR and DQ) MHC antigens on the epithelial cells of normal human jejunum. Gorvel JP, et al. **Biol Cell** 1984; 52(3):249-52
Local immune responses. Dhar R, et al. **Br Med Bull** 1985 Jan;41(1):28-33 (33 ref.)
Evidence of an antigen common to human intestine, endocervix and mucinous ovarian cysts present exclusively in ALeb patients. Bara J, et al. **Bull Cancer (Paris)** 1985; 72(2):104-7
In vitro cellular cytotoxicity for a human colon cancer cell line by mucosal mononuclear cells of patients with colon cancer and other disorders. Beeken WL, et al. **Cancer** 1985 Mar 1;55(5):1024-9
Comparative immunoperoxidase demonstration of T-antigens in human colorectal carcinomas and morphologically abnormal mucosa. Orntoft TF, et al. **Cancer Res** 1985 Jan; 45(1):447-52

Purification and characterization of a pancreas cancer-associated antigen from normal colonic mucosa. Kitada M, et al. **Clin Chim Acta** 1984 Dec 29; 144(2-3):173-83

Effect of protein deprivation on immunoregulatory cells in the rat mucosal immune response. Koster F, et al. **Clin Exp Immunol** 1985 Apr;60(1):217-24

Large granular lymphocytes from murine blood and intestinal epithelium: comparison of surface antigens, natural killer activity, and morphology. Alberti S, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):227-38

T cell-B cell regulation in the intestinal lamina propria in Crohn's disease. Elson CO, et al. **Gastroenterology** 1985 Aug;89(2):321-7

Human intestinal mucosal mononuclear cells exhibit lymphokine-activated killer cell activity. Fiocchi C, et al. **Gastroenterology** 1985 Mar;88(3):625-37

Immunohistochemical demonstration of IgA and secretory component in relation to epithelial cell differentiation in normal colorectal mucosa and metaplastic polyp: a semiquantitative study. Jass JR, et al. **Histochem J** 1985 Mar;17(3):373-80

The antibody-containing cell response of the lamina propria of the sheep and the uptake of soluble antigen into afferent ileal lymph following intra-intestinal infusion of soluble or particulate antigen. Beh KJ. **Immunology** 1985 Mar; 54(3):479-85

Factors affecting the spontaneous cell-mediated cytotoxicity of intestinal mononuclear cells. Gibson PR, et al. **Immunology** 1984 Oct;53(2):267-74

Number and affinity of receptors for IgE on enriched populations of isolated rat intestinal mast cells. Lee TD, et al. **Immunology** 1985 Jun;55(2):363-6

Appearance of delayed-type hypersensitivity effector cells in murine gut mucosa. Shields JG, et al. **Immunology** 1985 Apr;54(4):771-6

Mediator release from human basophils and mast cells from lung and intestinal mucosa. Fox CC, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):130-6 (43 ref.)

Sensitization to epithelial antigens in chronic mucosal inflammatory disease. Characterization of human intestinal mucosa-derived mononuclear cells reactive with purified epithelial cell-associated components in vitro. Roche JK, et al. **J Clin Invest** 1985 Feb;75(2):522-30

Nonspecific recruitment of cytotoxic effector cells in the intestinal mucosa of antigen-primed mice. Klein JR, et al. **J Exp Med** 1984 Dec 1;160(6):1931-6

Lymphokine-activated and natural killer cell activity in human intestinal mucosa. Hogan PG, et al. **J Immunol** 1985 Sep;135(3):1731-8

Induction of granuloma modulation in murine schistosomiasis mansoni by enteric exposure to schistosome eggs. Weinstock JV, et al. **J Immunol** 1985 Jul;135(1):560-3

Immunogenicity of intestinal basement membrane. Soroka CJ, et al. **Surv Immunol Res** 1984;3(4):264-73 (37 ref.)

In situ identification of immune competent cells in gastrointestinal mucosa: an evaluation by immunoelectronmicroscopy. Vecchi M, et al. **Virchows Arch [A]** 1985;406(4):407-15

[Immunoglobulin E in small intestinal mucosa; a quantitative analysis] Forget P, et al. **Tijdschr Kindergeneeskd** 1985 Apr; 53(2):56-9 (Eng. Abstr.) **(Dut)**

[Autoantibodies against the exocrine pancreas and against intestinal goblet cells in the diagnosis of Crohn's disease and ulcerative colitis] Stöcker W, et al. **Dtsch Med Wochenschr** 1984 Dec 21;109(51-52):1963-9 (Eng. Abstr.) **(Ger)**

[HLA antigens and morphology of the small intestinal mucosa in Duhring's juvenile dermatitis herpetiformis] Kósnai I, et al. **Orv Hetil** 1985 Jul 7;126(27):1649-51 (Eng. Abstr.) **(Hun)**

[Immunologic defense mechanisms of the digestive system] Bartnik W. **Pol Arch Med Wewn** 1984 Jul-Aug; 72(1-2):59-63 **(Pol)**

[Secretory immunoglobulins (IgA) in the development of the immunologic reaction to horseradish peroxidase] Shakhlamov VA, et al. **Arkh Anat Gistol Embriol** 1984 Sep; 87(9):68-74 (Eng. Abstr.) **(Rus)**

[Synthesis and secretion of immunoglobulins in the small intestine of the rat immunized with horseradish peroxidase] Sukhanov AA. **Arkh Anat Gistol Embriol** 1984 Dec; 87(12):66-70 (Eng. Abstr.) **(Rus)**

[Specificity of antienterocyte cytotoxic serum based on light optical and electron microscopy data] Barshtein IuA, et al. **Fiziol Zh** 1984 Nov-Dec;30(6):701-8 (Eng. Abstr.) **(Rus)**

INJURIES

The effect of microwave-induced whole-body hyperthermia on the mucosa of mouse small intestine. Tsubouchi S, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):131-9

INNERVATION

Neurochemically similar myenteric and submucous neurons directly traced to the mucosa of the small intestine. Furness JB, et al. **Cell Tissue Res** 1985;241(1):155-63

Innervation of the muscularis mucosae of canine proximal colon. Angel F, et al. **J Physiol (Lond)** 1984 Dec;357:93-108

Mucosal enteroceptors with vagal afferent fibres in the proximal duodenum of sheep. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:497-522

METABOLISM

Cyclic AMP-mediated jejunal secretion in lactose-fed malnourished rats. Lifshitz F, et al. **Am J Clin Nutr** 1985 Jun;41(6):1265-9

Localization of acid microclimate along intestinal villi of rat jejunum. Daniel H, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G293-8

Glucocorticoid receptors in isolated intestinal epithelial cells in rats. Lentze MJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G58-65

Colonic potassium and chloride secretion: role of cAMP and calcium. McCabe RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G103-9

Intestinal uptake and release of cobalamin complexed with rat intrinsic factor. Seetharam B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G326-31

Mucin depletion in the intestine of malnourished rats. Sherman P, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G418-23

Mechanisms maintaining a low-pH microclimate in the intestine. Shiau YF, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G608-17

Kinetics of zinc absorption by luminally and vascularly perfused rat intestine. Steel L, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G46-53

Glucose transport in intestinal epithelia of winter flounder. Thompson KA, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R573-7

Effect of systemic acid-base disorders on colonic intracellular pH and ion transport. Wagner JD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G39-47

Regulation of amiloride-sensitive electrogenic sodium transport in the rat colon by steroid hormones. Will PC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G124-32

Alterations in the physical state and composition of brush border membrane lipids of rat enterocytes during differentiation. Brasitus TA, et al. **Arch Biochem Biophys** 1985 Jul;240(1):483-8

Molybdate and the 1,25-dihydroxyvitamin D3 receptor from chick intestine. Nakada M, et al. **Arch Biochem Biophys** 1985 May 1;238(2):517-21

'Differential displacement'--a simple method to study receptors for 1,25-dihydroxyvitamin D3 in the presence of contaminating serum vitamin D binding protein. Levy FO, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1020-6

Transport of glutathione by intestinal brush border membrane vesicles. Linder M, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):929-36

Functional receptors for epidermal growth factor in an epithelial-cell line derived from the rat small intestine. Blay J, et al. **Biochem J** 1985 Jan 1;225(1):85-94

The metabolism of sialic acids in isolated rat colonic mucosal cells. Corfield AP, et al. **Biochem J** 1985 Feb 15; 226(1):163-74

Membrane insertion of the microvillar 110-kDa protein of the enterocyte [letter] Cowell GM, et al. **Biochem J** 1985 Jan 1;225(1):275-6

Glycosaminoglycans in rat mucosal mast cells. Enerbäck L, et al. **Biochem J** 1985 Apr 15;227(2):661-8

Comparison between 1-deoxynojirimycin and N-methyl-1-deoxynojirimycin as inhibitors of oligosaccharide processing in intestinal epithelial cells. Romero PA, et al. **Biochem J** 1985 Mar 15;226(3):733-40

Identification of intestinal cells responsive to calcitriol (1,25-dihydroxycholecalciferol). Smith MW, et al. **Biochem J** 1985 Jan 1;225(1):127-33

Chain-shortening of erucic acid and microperoxisomal beta-oxidation in rat small intestine. Thomassen MS, et al. **Biochem J** 1985 Jan 15;225(2):301-6

Characterization of somatostatin binding sites in cytosolic fraction of rat intestinal mucosa. Arilla E, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):203-8

Rat colonic mucosal cell sialic acid metabolism in azoxymethane-induced tumours. Corfield AP, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):264-70

Cholesterol synthesis and esterification in cultured intestinal mucosa. Evidence for compartmentation. Herold G, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):27-33

Characteristics of the binding of high-density lipoprotein3 by intact cells and membrane preparations of rat intestinal mucosa. Kagami A, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):179-90

Characterization of interaction between Tb3+ and porcine intestinal brush-border membranes. Ohyashiki T, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):181-6

Specificity of intestinal brush-border proline transport: cyanine dye studies. Wright EM, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):271-4

Mucosal iron binding proteins and the inhibition of iron absorption by endotoxin. El-Shobaki F, et al. **Blut** 1985 Feb;50(2):95-101

Hexose transport and mucosal morphology in the small intestine of the zinc-deficient rat. Southon S, et al. **Br J Nutr** 1984 Sep;52(2):371-80

Fatty acid-stimulated oxidation of methylazoxymethanol by rat colonic mucosa. Craven PA, et al. **Cancer Res** 1985 Mar;45(3):1115-21

Turnover of brush-border glycoproteins in human intestinal absorptive cells: do lysosomes have a regulatory function? Blok J, et al. **Cell Biol Int Rep** 1984 Dec;8(12):993-1014 (50 ref.)

Uptake and transport of intact macromolecules in the intestinal epithelium of carp (Cyprinus carpio L.) and the possible immunological implications. Rombout JH, et al. **Cell Tissue Res** 1985;239(3):519-30

Effects of acipimox, a nicotinic acid derivative, on lipolysis in human adipose tissue and on cholesterol synthesis in human jejunal mucosa. Stirling C, et al. **Clin Sci** 1985 Jan; 68(1):83-8

A comparison of the effects of duodenal glucose infusion on carbohydrate and lipid metabolism in liver, adipose tissue and small intestinal mucosa in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1985;81(1):59-62

Relationship between rectal mucosal prostaglandin production and water and electrolyte transport in ulcerative colitis. Rampton DS, et al. **Digestion** 1984; 30(1):13-22

Glucuronidation of morphine and six beta 2-sympathomimetics in isolated rat intestinal epithelial cells. Koster AS, et al. **Drug Metab Dispos** 1985 Mar-Apr; 13(2):232-8

Role of phospholipids in the binding activity of vasoactive intestinal peptide receptors. Sarrieau A, et al. **Experientia** 1985 May 15;41(5):631-3

Tomato lectin resists digestion in the mammalian alimentary canal and binds to intestinal villi without deleterious effects. Kilpatrick DC, et al. **FEBS Lett** 1985 Jun 17;185(2):299-305

Postprandial release of neurotensin-like immunoreactivity and its mechanism. Matsumura M, et al. **Gastroenterol Jpn** 1984 Dec;19(6):543-9

Glycoprotein composition of colonic mucosa. Specific alterations in ulcerative colitis. Podolsky DK, et al. **Gastroenterology** 1984 Nov;87(5):991-8

Colonoscopy in the investigation of drug absorption in healthy volunteers. Gleiter CH, et al. **Gastrointest Endosc** 1985 Apr;31(2):71-3

A profile of the intestinal mucosal corticosteroid receptors in the domestic duck. DiBattista JA, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):31-49

Intestinal permeability to 51Cr-EDTA in rats with experimentally induced enteropathy. Bjarnason I, et al. **Gut** 1985 Jun;26(6):579-85

Abnormal goblet cell glycoconjugates in rectal biopsies associated with an increased risk of neoplasia in patients with ulcerative colitis: early results of a prospective study. Boland CR, et al. **Gut** 1984 Dec;25(12):1364-71

Duodenal mucosa synthesis of prostaglandins in duodenal ulcer disease. Hillier K, et al. **Gut** 1985 Mar;26(3):237-40

Uptake and subcellular localisation of bismuth in the gastrointestinal mucosa of rats after short term administration of colloidal bismuth subcitrate. Stiel D, et al. **Gut** 1985 Apr;26(4):364-8

Food-induced histamine release from gastric and duodenal mucosa. Baenkler HW, et al. **Hepatogastroenterology** 1984 Oct;31(5):233-5

Histochemical procedures for the simultaneous visualization of sialic acid, its side chain O-acyl variants and O-sulphate ester. Reid PE, et al. **Histochem J** 1985 Jan;17(1):113-7

Immunohistochemical localization of adenosine deaminase complexing protein in intestinal mucosa and in colorectal adenocarcinoma as a marker for tumour cell heterogeneity. Ten Kate J, et al. **Histochem J** 1985 Jan;17(1):23-31

Comparative study of procedures for histological detection of lectin binding by use of Griffonia simplicifolia agglutinin I and gastrointestinal mucosa of the rat. Kuhlmann WD, et al. **Histochemistry** 1984;81(3):265-72

Absorption of elastase through the jejunal mucosa of the rat. An immunocytochemical study. Tsujii T, et al. **Histochemistry** 1984;81(5):427-33

'Transitional mucosa' [letter] Filipe MI. **Histopathology** 1984 Jul;8(4):707-8

Escherichia coli adherence to the intestine of mice. Golderman L, et al. **Isr J Med Sci** 1985 May;21(5):410-4

Role of alkaline phosphatase in phosphate uptake into brush border membrane vesicles from human intestinal mucosa. Hirano K, et al. **J Biochem (Tokyo)** 1985 May;97(5):1461-6

Trypsin cleavage of chick 1,25-dihydroxyvitamin D3 receptors. Generation of discrete polypeptides which retain hormone but are unreactive to DNA and monoclonal antibody. Allegretto EA, et al. **J Biol Chem** 1985 Aug 25; 260(18):10139-45

Metabolism of all-trans-retinoic acid and all-trans-retinyl acetate. Demonstration of common physiological metabolites in rat small intestinal mucosa and circulation. Cullum ME, et al. **J Biol Chem** 1985 Sep 5;260(19):10590-6

Expression and intracellular transport of microvillus membrane hydrolases in human intestinal epithelial cells. Hauri HP, et al. **J Cell Biol** 1985 Sep;101(3):838-51

Small intestinal mucosal fat in childhood enteropathies [letter] Widgren S. **J Clin Pathol** 1984 Oct;37(10):1195

Estradiol and progesterone receptors in normal and pathologic colonic mucosa in humans. Marugo M, et al. **J Endocrinol Invest** 1985 Apr;8(2):117-9

Mast cell heterogeneity: effects of neuroenteric peptides on histamine release. Shanahan F, et al. **J Immunol** 1985 Aug; 135(2):1331-7

Postnatal development of intestinal bile salt transport. Relationship to membrane physico-chemical changes. Heubi JE, et al. **J Lipid Res** 1985 Jul;26(7):797-805

Specific binding of high density lipoprotein (HDL3) is not related to sterol synthesis in rat intestinal mucosa. Kagami A, et al. **J Lipid Res** 1985 Jun;26(6):705-12

Absorption by the rhesus monkey of phenylalanine methyl ester and species differences in its metabolism by blood, plasma and intestinal mucosa. Burton EG, et al. **J Nutr** 1984 Oct;114(10):1940–5

Prostaglandins in small intestinal mucosa of children with celiac disease. Branski D, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):672–5

A quantitative study of enteric endocrine cells in celiac sprue. Buchan AM, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov; 3(5):665–71

Intestinal sugar permeability: relationship to diarrhoeal disease and small bowel morphology. Ford RP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):568–74

Intestinal permeability [editorial] Lifschitz C. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):520–2

Prolactin and the gut: a controversy. Theintz GE, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):523–8

Distribution of azapropazone and its principal 8-hydroxy-metabolite in plasma, urine and gastrointestinal mucosa determined by HPLC. Rainsford KD. **J Pharm Pharmacol** 1985 May;37(5):341–5

Effect of hyperglycaemia on sugar transport in the isolated mucosa of guinea-pig small intestine. Fischer E, et al. **J Physiol (Lond)** 1984 Oct;355:567–86

Intestinal permeability and inflammation in rheumatoid arthritis: effects of non-steroidal anti-inflammatory drugs. Bjarnason I, et al. **Lancet** 1984 Nov 24;2(8413):1171–4

Homeostasis of mucosal cholesterol in the small intestine of the rat. Blumer A, et al. **Lipids** 1984 Oct;19(10):721–7

Glycosphingolipids of fetal and adult sheep colonic mucosa. Dahiya R, et al. **Lipids** 1985 Jun;20(6):331–6

Phosphatidylethanolamine methylation in intestinal brush border membranes from rats resistant to Trichinella spiralis. Harari Y, et al. **Mol Biochem Parasitol** 1985 Jun; 15(3):317–26

Influence of serosal hydrostatic pressure on net water and electrolyte transport across the isolated rat colonic mucosa exposed to different secretagogues. Karbach U, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Oct; 327(4):336–41

Different substance P receptors are found on mucosal epithelial cells and submucous neurons of the guinea-pig small intestine. Keast JR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):382–7

In vivo studies of mucosal-serosal transfer in rat jejunum. Winne D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):70–6

Increase of permeability in the intestinal mucosa of mice infected with Metagonimus yokogawai. Ohnishi Y, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):885–7

Characteristics of dicarboxylic amino acid transport by rabbit intestinal brush-border membrane vesicles. **Nutr Rev** 1985 Jan;43(1):30–2 (14 ref.)

All-trans-retinoic acid and its glucuronide are the major metabolites of 13-cis-retinoic acid in target tissues. **Nutr Rev** 1984 Sep;42(9):325–6

The effect of short-term starvation on mucosal barrier function in the newborn rabbit. Rothman D, et al. **Pediatr Res** 1985 Jul;19(7):727–31

Food proteins and gut mucosal barrier. II. Differential interaction of cow's milk proteins with the mucous coat and the surface membrane of adult and immature rat jejunum. Stern M, et al. **Pediatr Res** 1984 Dec; 18(12):1252–7

Peptide binding to intestinal epithelium: distinct sites for insulin, EGF and VIP. Zimmerman TW, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):229–35

Hormonal and ionic control of phosphate transport in the differentiating enterocyte. Cross HS, et al. **Prog Clin Biol Res** 1984;168:247–52

Influence of sulfasalazine, 5-aminosalicylic acid and sulfapyridine on prostanoid synthesis and metabolism in rabbit colonic mucosa. Kolassa N, et al. **Prostaglandins** 1985 Jan;29(1):133–42

Distribution and heterogeneity of immunoreactive cholecystokinin (CCK) in the mucosa of the porcine gastrointestinal tract. Bacarese-Hamilton AJ, et al. **Regul Pept** 1984 Nov;9(4):289–98

Protection of the gastroduodenal mucosa by prostaglandins. Johansson C, et al. **Scand J Gastroenterol [Suppl]** 1985; 110:41–8 (50 ref.)

Enzyme activity and protein patterns as premalignant markers in mucosal biopsy specimens from the large intestine. Vatn MH, et al. **Scand J Gastroenterol [Suppl]** 1985;107:1–7

Nuclear binding of cortisol in intestinal mucosa and liver of a teleost fish (Salmo gairdnerii irideus). Porthe-Nibelle J, et al. **Steroids** 1984 Apr;43(4):385–92

The role of luminal pH in production of gastrin cell hyperplasia in the rat. Mulholland MW, et al. **Surgery** 1985 Mar;97(3):308–15

Elevated cholecystokinin-like activity in the duodenal mucosa in patients with cholecystolithiasis. Kataoka S, et al. **Tohoku J Exp Med** 1985 Apr;145(4):395–402

[Oxygen supply of the human small intestine in mechanical ileus] Thermann M, et al. **Langenbecks Arch Chir** 1985; 363(3):179–84 (Eng. Abstr.) **(Ger)**

[In-vitro induced histamine liberation from mucous membrane of the stomach and duodenum before and following vagotomy] Baenkler HW, et al. **Zentralbl Chir** 1985;110(5):296–300 (Eng. Abstr.) **(Ger)**

[Neutral glycosaminoglycans of the jejunal mucosa in children with chronic nonspecific enteritis] Paĭkov VL, et al. **Pediatriia** 1984 Oct;(10):9–13 (Eng. Abstr.) **(Rus)**

[Transport of 125I-poly I : poly C incorporated in liposomes from the enteric cavity to the small intestine mucosa. An electron microscopic autoradiographic study] Nadtochiĭ VV, et al. **Tsitologiia** 1984 Jul;26(7):783–7 (Eng. Abstr.) **(Rus)**

[Age-related changes in adenylate cyclase activity, lipid composition and lipid peroxidation in rat intestinal mucosa: comparison with the frequency of spontaneous tumors] Bershtein LM, et al. **Vopr Onkol** 1985;31(8):85–9 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Comparison of rectal mucosal cultures and fecal cultures in detecting Salmonella infection in horses and cattle. Palmer JE, et al. **Am J Vet Res** 1985 Mar;46(3):697–8

Passage of Salmonella enteritidis and Salmonella thompson through chick ileocecal mucosa. Popiel I, et al. **Infect Immun** 1985 Mar;47(3):786–92

Mucosal flora of the small intestine and the effect of preoperative antibiotics. Elmes ME, et al. **J Clin Pathol** 1984 Nov;37(11):1272–5

Some studies of the bacterial flora associated with the mucosa of the human gastrointestinal tract. Peach SL, et al. **Nahrung** 1984;28(6–7):627–34

[Comparative study of adherence to rabbit enterocytes, presence of colonization factors CFA/I and CFA/II and toxinogenesis of 55 strains of Escherichia coli] Germani Y, et al. **Ann Inst Pasteur Microbiol** 1985 Mar–Apr; 136A(2):203–12 (Eng. Abstr.) **(Fre)**

[Remarkable microbial findings in the small intestine mucosa of children] Schön E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):50–4 (Eng. Abstr.) **(Ger)**

[Fungal infection of the small bowel mucosa] Lorenz A, et al. **Mykosen** 1984 Oct;27(10):506–10 (Eng. Abstr.) **(Ger)**

[Adherence to the gastrointestinal wall and potential pathogenicity of gastrointestinal germs] Lorenz A, et al. **Nahrung** 1984;28(6–7):641–4 (Eng. Abstr.) **(Ger)**

[Anaerobic lumen and mucosal microflora of the gastrointestinal tract] Mikel'saar ME, et al. **Nahrung** 1984; 28(6–7):727–33 (Eng. Abstr.) **(Ger)**

[Morphological aspects of the intestinal ecosystem. Evolutive study of the flora-mucosal complex] Madi K, et al. **An Microbiol (Rio De J)** 1982;27:11–40 **(Por)**

PARASITOLOGY

Differential staining of cryptosporidia by aniline-carbol-methyl violet and tartrazine in smears from feces and scrapings of intestinal mucosa. Miláček P, et al. **Folia Parasitol (Praha)** 1985;32(1):50

Adherence of Entamoeba histolytica trophozoites to rat and human colonic mucosa. Ravdin JI, et al. **Infect Immun** 1985 May;48(2):292–7

The intestinal mast cell response to Trichinella spiralis infection in mast cell-deficient w/wv mice. Alizadeh H, et al. **J Parasitol** 1984 Oct;70(5):767–73

Effects of intestinal contents from normal and immunized mice on sporozoites of Eimeria falciformis. Douglass TG, et al. **J Protozool** 1985 Feb;32(1):156–63

Retrieval of nematode larvae [letter] Kingsley CC, et al. **Vet Rec** 1984 Sep 29;115(13):334

Scanning electron microscopy of Ancylostoma ceylanicum and its site of attachment to the small intestinal mucosa of the dog. Carroll SM, et al. **Z Parasitenkd** 1985; 71(1):79–85

PATHOLOGY

Mucosal lesions of the small intestine after intestinal vascular obstruction in the rat. Haglind E, et al. **Acta Chir Scand** 1985;151(2):147–50

Evaluation of the quantitative state of individual cell types in rat gastric and duodenal mucosa during normoprotein nutrition and chronic ethanol intake. Study II. Pavlović M, et al. **Acta Med Iugosl** 1985;39(1):57–73

Integrity, histologic organization and renewal ability of rat gastric and duodenal mucosa under conditions of a normoprotein dietary regime and chronic alcohol ingestion. Study I. Todorović V, et al. **Acta Med Iugosl** 1985; 39(1):41–55

Fatal unresponsive villous atrophy of the jejunum, connective tissue disease and diabetes in a girl with intestinal epithelial cell antibody. Savilahti E, et al. **Acta Paediatr Scand** 1985 May;74(3):472–6

Periodate-lysine-paraformaldehyde as fixative for the study of duodenal mucosa. Morphologic and immunohistochemical results at light and electron microscopic levels. Rantala I, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jul; 93(4):165–73

Effect of virus-induced destruction of villous epithelium on intestinal secretion induced by heat-stable Escherichia coli enterotoxins and prostaglandin E1 in swine. Whipp SC, et al. **Am J Vet Res** 1985 Mar;46(3):637–42

Malabsorption and mucosal abnormalities of the small intestine in the acquired immunodeficiency syndrome. Gillin JS, et al. **Ann Intern Med** 1985 May;102(5):619–22

Rectal epithelium in the acquired immunodeficiency syndrome [letter] Snover DC. **Ann Intern Med** 1985 Feb; 102(2):278–9

Congenital microvillous atrophy: specific diagnostic features. Phillips AD, et al. **Arch Dis Child** 1985 Feb;60(2):135–40

Chromosome aberrations in epithelial cells of the digestive tract of rats induced by 1-methyl-3-nitro-1-nitrosoguanidine. Muratani A, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):37–44

Proliferative and antigenic properties of rectal cells in patients with chronic ulcerative colitis. Biasco G, et al. **Cancer Res** 1984 Nov;44(11):5450–4

Toxicity of orally administered fat to the colonic epithelium of mice. Bird RP, et al. **Carcinogenesis** 1985 Jul;6(7):1063–6

Colonic mucosal lesions: evaluation of monopolar electrocautery, argon laser, and neodymium: YAG laser. Hunter JG, et al. **Curr Surg** 1984 Sep–Oct;41(5):373–5

Studies on lymphocyte subpopulations in human colonic biopsy specimens by colonoscopy. Miyazaki H, et al. **Dig Dis Sci** 1985 Feb;30(2):143–8

Mucin abnormality of colonic mucosa in patients with familial polyposis coli. A new tool for early detection of the carrier? Muto T, et al. **Dis Colon Rectum** 1985 Mar;28(3):147–8

T-antigen expression by peanut agglutinin staining relates to mucosal dysplasia in ulcerative colitis. Pihl E, et al. **Dis Colon Rectum** 1985 Jan;28(1):11–7

Ulcerative colitis and colonic cancer. Problems in assessing the diagnostic usefulness of mucosal dysplasia. Ransohoff DF, et al. **Dis Colon Rectum** 1985 Jun;28(6):383–8

Inflammatory component of celiac sprue mucosa. I. Mast cells, basophils, and eosinophils. Marsh MN, et al. **Gastroenterology** 1985 Jul;89(1):92–101

Histological diagnosis of chronic inflammatory bowel disease in childhood. Chong SK, et al. **Gut** 1985 Jan;26(1):55–9

Hyperenteroglucagonaemia and small intestinal mucosal growth after colonic perfusion of glucose in rats. Miazza BM, et al. **Gut** 1985 May;26(5):518–24

Morphometric study of the small intestinal mucosa in young, adult, and old rats submitted to protein deficiency and rehabilitation. Rodrigues MA, et al. **Gut** 1985 Aug; 26(8):816–21

Does malabsorption occur in chronic atrophic duodenitis? Cheli R, et al. **Hepatogastroenterology** 1984 Dec; 31(6):272–3

Concomitant detection of mucosal mast cells and eosinophils in the intestines of normal and Nippostrongylus-immune rats. A re-evaluation of histochemical and immunocytochemical techniques. Newlands GF, et al. **Histochemistry** 1984;81(6):585–9

Secretory component, alpha 1-antitrypsin and lysozyme in IgA deficient children. An immunohistochemical evaluation of intestinal mucosa. Dura WT, et al. **Histopathology** 1984 Sep;8(5):747–57

Variations in histopathological evaluation of non-neoplastic colonic mucosal abnormalities; assessment and clinical significance. Giard RW, et al. **Histopathology** 1985 May; 9(5):535–41

Mucin profiles in the mucosa adjacent to large bowel non-adenocarcinoma neoplasias. Lapertosa G, et al. **Histopathology** 1984 Sep;8(5):805–11

Coeliac disease: alpha-1-antitrypsin contents in jejunal mucosa before and after gluten-free diet. Nielsen K. **Histopathology** 1984 Sep;8(5):759–64

Histochemical and morphologic studies of mucosa bordering rectosigmoid carcinomas: comparisons with normal, diseased, and malignant colonic epithelium. Lev R, et al. **Hum Pathol** 1985 Feb;16(2):151–61

The mucosal changes and pathogenesis of pneumatosis cystoides intestinalis. Pieterse AS, et al. **Hum Pathol** 1985 Jul;16(7):683–8

Quantitative assessment of the mucosal architecture of jejunal biopsy specimens: a comparison between linear measurement, stereology, and computer aided microscopy. Corazza GR, et al. **J Clin Pathol** 1985 Jul;38(7):765–70

Quantitation in inflammatory bowel disease using computerised interactive image analysis. Thompson EM, et al. **J Clin Pathol** 1985 Jun;38(6):631–8

The intestinal mast cell response to Trichinella spiralis infection in mast cell-deficient w/wv mice. Alizadeh H, et al. **J Parasitol** 1984 Oct;70(5):767–73

Transplantation of a segment of ileum to the external abdominal wall: an animal model of intestinal mucosal hyperplasia. Senior PV, et al. **J Pathol** 1985 May; 146(1):39–49

Ultrastructural study of alterations in the small intestinal epithelium of children with acute diarrhea. Fagundes-Neto U, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):510–5

Effect of high percentage medium-chain triglyceride diet on mucosal adaptation following massive bowel resection in rats. Vanderhoof JA, et al. **JPEN** 1984 Nov–Dec;8(6):685–9

Mucosal mast cells are functionally active during spontaneous expulsion of intestinal nematode infections in rat. Woodbury RG, et al. **Nature** 1984 Nov 29–Dec 5; 312(5993):450–2

Morphology and histochemistry of the mucosa surrounding small oligotubular adenomas of the large bowel. Schmidbauer G, et al. **Pathol Res Pract** 1985 Jul; 180(1):45–8

Organ culture of gastrointestinal mucosa—a technique for the study of the human gastrointestinal tract. Howdle PD. **Postgrad Med J** 1984 Oct;60(708):645–52 (62 ref.)

Hyperplasia or neoplasia. Macroscopic versus microscopic appearance of colorectal polyps. Kronborg O, et al. **Scand J Gastroenterol** 1985 May;20(4):512–5

Subcellular fractionation of rectal biopsy homogenates from patients with inflammatory bowel disease. O'Morain C, et al. **Scand J Gastroenterol** 1985 Mar;20(2):209-14

Distribution of dysplasia in ulcerative colitis. Vatn MH, et al. **Scand J Gastroenterol** 1984 Oct;19(7):893-5

Collagenous colitis. A clinical, histological, and ultrastructural study. Fausa O, et al. **Scand J Gastroenterol [Suppl]** 1985;107:8-23

Duodenitis. Venables CW. **Scand J Gastroenterol [Suppl]** 1985;109:91-101

Destruction of the intestinal mucosa after bone marrow transplantation and graft-versus-host disease. Beschorner WE. **Surv Synth Pathol Res** 1984;3(3):264-74 (65 ref.)

Morphologic changes, mucin secretion, carcinoembryonic antigen (CEA) and peanut lectin reactivity in colonic mucosa of patients at high risk for colorectal cancer. Altavilla G, et al. **Tumori** 1984 Dec 31;70(6):539-48

[Reliability of the rectal mucosa biopsy in detecting aganglionic sections in the rectal wall] Skába R, et al. **Rozhl Chir** 1984 Nov;63(11):708-14 (Eng. Abstr.) **(Cze)**

[The histological picture of the gastric and duodenal mucosa in X-ray negative dyspepsia. Before and after treatment with cimetidine] Guldhammer B, et al. **Ugeskr Laeger** 1984 Dec 17;146(51):4013-5 (Eng. Abstr.) **(Dan)**

[Histopathological diagnosis of Hirschsprung's disease] Nezelof C, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun;20(3):125-8 (Eng. Abstr.) **(Fre)**

[Long-term outcome of changes in the intestinal mucosa in intolerance to cow's milk proteins. Apropos of 21 cases] Cathelineau L, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):186-91 (Eng. Abstr.) **(Fre)**

[Abnormalities of the jejunal mucosa and protein-calorie malnutrition in infants in Equatorial Africa] Gendrel D, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):871-6 (Eng. Abstr.) **(Fre)**

[Histochemical changes of the intestinal mucus in benign and malignant lesions of the colon and rectum] Habib NA, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):491-4 (Eng. Abstr.) **(Fre)**

[Prolonged parenteral feeding at home for malabsorption secondary to total villous atrophy in hypogammaglobulinemia (letter)] Messing B, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):272-3 **(Fre)**

[Whipple disease: clinical and immunohistologic findings in 2 cases] Stoinov SG, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):232-40 (Eng. Abstr.) **(Ger)**

[Nodular lymphoid hyperplasia of the duodenum in cancers of the gastrointestinal tract] Tessmann D, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(6):266-9 (Eng. Abstr.) **(Ger)**

[Classification problems and differential histologic diagnosis in malabsorption syndrome in childhood] Wiedersberg H, et al. **Pathologe** 1984 May;5(3):128-33 **(Ger)**

[Effect of an enema on the macroscopic and microscopic appearance of the rectal mucosa] Buchmann P. et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):273-4 (Eng. Abstr.) **(Ger)**

[Compensatory hypertrophy of the intestinal mucosa after massive resection of the small intestine] Gorini P, et al. **Ann Ital Chir** 1984;56(5):473-81 (Eng. Abstr.) **(Ita)**

[Morphometric-functional study of the small intestine in the aged. I. Morphometric study of villo-cryptae architecture] D'Imperio N, et al. **G Clin Med** 1984 Sep-Oct;65(9-10):419-25 (Eng. Abstr.) **(Ita)**

[A histochemical study of goblet cell mucin in ulcerative colitis with special reference to time sequence] Agawa S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):58-64 (Eng. Abstr.) **(Jpn)**

[Histological and ultrastructural studies of the mucosa of the large intestine in patients with ulcerative colitis] Wierzchowski W, et al. **Patol Pol** 1984 Oct-Dec;35(4):423-34 (Eng. Abstr.) **(Pol)**

[State of mucous membrane of the upper segments gastrointestinal tract in patients with chronic kidney diseases] Riabov SI, et al. **Klin Med (Mosk)** 1985 Jun;63(6):102-7 (Eng. Abstr.) **(Rus)**

[Morphometry of the gastric and duodenal mucosa in the diagnosis of chronic gastroduodenitis in children] Zhdanova TF, et al. **Pediatriia** 1985 Jun;(6):17-20 (Eng. Abstr.) **(Rus)**

[Changes in the gastric and duodenal mucosa in experimental erosive ulcerative gastroduodenitis before and after selective proximal vagotomy] Kiseleva AF, et al. **Vrach Delo** 1985 May;(5):14-8 (Eng. Abstr.) **(Rus)**

[Xylose test. Anatomoclinical correlations] López-Manzanara Gallardo MC, et al. **An Esp Pediatr** 1984 Nov 30;21(8):732-8 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Characterization of conductive pathways in guinea pig distal colon in vitro. Clauss W, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G176-83

Sodium dependence of luminal alkalinization by rabbit ileal mucosa. Smith PL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G358-68

Role of the mucosal barrier in toxin/microbial attachment to the gastrointestinal tract. Walker WA. **Ciba Found Symp** 1985;112:34-56

Mechanism of action of diphenolic laxatives: the role of adenylate cyclase and mucosal permeability. Farack UM, et al. **Digestion** 1984;30(3):191-4

Intracellular electrical activity in circular muscle of canine colon. Chambers MM, et al. **Gut** 1984 Nov;25(11):1268-70

Role of myosin in terminal web contraction in isolated intestinal epithelial brush borders. Keller TC 3d, et al. **J Cell Biol** 1985 May;100(5):1647-55

Electrophysiology of flounder intestinal mucosa. II. Relation of the electrical potential profile to coupled NaCl absorption. Halm DR, et al. **J Gen Physiol** 1985 Jun;85(6):865-83

Electrophysiology of flounder intestinal mucosa. I. Conductance properties of the cellular and paracellular pathways. Halm DR, et al. **J Gen Physiol** 1985 Jun;85(6):843-64

Submucosal plexus and electrolyte transport across rat colonic mucosa. Andres H, et al. **J Physiol (Lond)** 1985 Jul;364:301-12

Glucagon effect on the regeneration of ileal mucosa in rats after experimental desquamation of intestinal epithelium. Lewicki Z, et al. **Mater Med Pol** 1985 Jan-Mar;17(1):17-22

Mucosal growth and enzyme activity during the early phase of adaptation after jejunal bypass in the rat. Skagen DW. **Scand J Gastroenterol** 1984 Oct;19(7):983-9

Hormones and polyamines in intestinal and pancreatic adaptation. Dowling RH, et al. **Scand J Gastroenterol [Suppl]** 1985;112:84-95

[Intestinal adaptation and enzymatic changes following reciprocal jejunoileal transposition in rats. Effects of a high-fructose diet] Crouzoulon G, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):136-46 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Effects of lymph stasis on healing of rat intestinal anastomosis. De Franco S, et al. **Lymphology** 1984 Sep;17(3):100-4

[Functional, morphological and biochemical study of the jejunal mucosa in cryptogenetic colitis] Soulé JC, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):800-7 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Injury and regeneration in rat small intestine cells after exposure to neutrons. Baltrukiewicz Z, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):525-9

Quantitative changes in the goblet cells of the rat small intestine after irradiation. Becciolini A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):291-9

Effects of 16,16 dimethyl prostaglandin E2 on irradiation damage of the small intestine. Uribe A, et al. **Acta Radiol [Oncol]** 1984;23(5):349-52

The role of luminal contents in radiation enteritis. Mulholland MW, et al. **Cancer** 1984 Dec 1;54(11):2396-402

Recruitment of cells in the small intestine into rapid cell cycle by small doses of external gamma or internal beta-radiation. Tsubouchi S, et al. **Int J Radiat Biol** 1985 Sep;48(3):361-9

The effect of selective decontamination of the gi-tract of mice on the survival of intestinal mucosa during X-irradiation. Toorop-Bouma AG, et al. **Prog Clin Biol Res** 1985;181:271-3

[Internucleosomal fragmentation of nuclear DNA in the mucosa of the small intestine and in bone marrow cells of irradiated rats] Korol' BA, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):646-9 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

The normal mucosal surface pattern of the duodenal bulb: radiologic-histologic correlation. Bova JG, et al. **AJR** 1985 Oct;145(4):735-8

Abnormal mucosal fold patterns in the duodenum. Seaman WB. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):421-8

Crohn disease of the small intestine: diffuse mucosal granularity. Glick SN, et al. **Radiology** 1985 Feb;154(2):313-7

SECRETION

Phorbol ester stimulation of active anion secretion in intestine. Chang EB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C356-61

Gut hormones in stimulation of gastroduodenal alkaline secretion in conscious dogs. Konturek SJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G687-91

Epithelial response to intestinal anaphylaxis in rats: goblet cell secretion and enterocyte damage. Perdue MH, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G632-7

Regulation of intestinal goblet cell secretion. III. Isolated intestinal epithelium. Phillips TE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G674-81

An inhibitory protein of intestinal fluid secretion reverses neuronal GABA transport. Lange S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1032-6

Effect of guar gum on nitrogen secretion into isolated loops of jejunum in conscious growing pigs. Low AG, et al. **Br J Nutr** 1984 Nov;52(3):499-505

Mechanisms by which cyclic nucleotides and other intracellular mediators regulate secretion. de Jonge HR, et al. **Ciba Found Symp** 1985;112:116-38

Acute and chronic models for hypersecretion of intestinal mucin. Forstner J, et al. **Ciba Found Symp** 1984;109:61-71

Secretory hormones of Entamoeba histolytica. McGowan K, et al. **Ciba Found Symp** 1985;112:139-54

The pharmacological modification of secretory responses. Miller RJ, et al. **Ciba Found Symp** 1985;112:155-74

Regulation of intestinal goblet cells in situ, in mucosal explants and in the isolated epithelium. Neutra MR, et al. **Ciba Found Symp** 1984;109:20-39 (25 ref.)

A comparative study of bicarbonate secretion by ileum and colon of Oryctolagus cuniculus. Influence of caecal pH. Galindo MC, et al. **Comp Biochem Physiol [A]** 1984;79(4):567-9

Active secretion of bicarbonate by rabbit colon. García JA, et al. **Comp Biochem Physiol [A]** 1984;79(4):571-3

Cysteamine and propionitrile inhibit the rise of duodenal mucosal alkaline secretion in response to luminal acid in rats. Bridén S, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):295-302

Endogenous E-type prostaglandins in regulation of basal alkaline secretion by amphibian duodenum in vitro. Heylings JR, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):290-4

Effect of graded doses of intraluminal H+, prostaglandin E2, and inhibition of endogenous prostaglandin synthesis on proximal duodenal bicarbonate secretion in unanesthetized rat. Isenberg JI, et al. **Gastroenterology** 1985 Jan;88(1 Pt 2):303-7

Duodenal mucosal protection [letter] Wormsley KG. **Gastroenterology** 1985 Mar;88(3):856

Hypersecretion induced by Escherichia coli heat-stable enterotoxin in intestinal loops in rat and mouse. Lange S, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):94-8

Adrenergic mediation of the intestinal antisecretory action of opiates administered into the central nervous system. Brown DR, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):114-9

Tolerance and cross-tolerance to the antisecretory effects of enkephalins on the guinea-pig ileal mucosa. Vinayek R, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):781-5

Mucosal responses evoked by stimulation of ganglion cell somas in the submucosal plexus of the guinea-pig ileum. Carey HV, et al. **J Physiol (Lond)** 1985 Jul;364:69-79

Inhibition of cyclic AMP-mediated intestinal hypersecretion by pituitary extracts from rats pretreated with cholera toxin. Lönnroth I, et al. **Med Biol** 1984;62(5):290-4

The enteric nervous system participates in the secretory response to the heat stable enterotoxins of Escherichia coli in rats and cats. Eklund S, et al. **Neuroscience** 1985 Feb;14(2):673-81

Comparison of gastric and intestinal antisecretory and protective effects of prostacyclin and its stable thia-imino-analogue (Hoe 892) in conscious rats. Konturek SJ, et al. **Prostaglandins** 1984 Oct;28(4):443-53

Intestinal iodide secretion and its dependence upon mucosal I- permeability. Ondarra A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):117-23

Surface pH gradient in gastroduodenal mucosa. Kivilaakso E, et al. **Scand J Gastroenterol [Suppl]** 1984;105:50-2

Importance of the ileum in neurotensin released by fat. Walker JP, et al. **Surgery** 1985 Aug;98(2):224-9

[Gastrointestinal hormones and related neuropeptides. IV. The secretion group: gastric inhibitory polypeptide (GIP), intestinal pancreatic glucagon-like immunoreactants (intestinal GLI) and PHI] Krowicki Z, et al. **Postepy Hig Med Dosw** 1984 Jul-Aug;38(4):513-34 (128 ref.) (Eng. Abstr.) **(Pol)**

[Effect of natriuretic factor on sodium secretion in the small intestine] Kosuba RB, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):782-5 (Eng. Abstr.) **(Rus)**

[Electron microscopic research on the mechanism of intestinal secretion] Morozov IA, et al. **Tsitologiia** 1985 May;27(5):535-40 (Eng. Abstr.) **(Rus)**

SURGERY

The ParkS S ileal pouch and anal anastomosis after colectomy and mucosal proctectomy. Rothenberger DA, et al. **Am J Surg** 1985 Mar;149(3):390-4

Mucosal advancement in the treatment of anal fistula. Aguilar PS, et al. **Dis Colon Rectum** 1985 Jul;28(7):496-8

Ultrasonic mucosal proctectomy without endorectal pull-through. Heimann TM, et al. **Dis Colon Rectum** 1985 May;28(5):336-40

Mucosal advancement anoplasty. Khubchandani IT. **Dis Colon Rectum** 1985 Mar;28(3):194-6

An experimental model of a submucosally tunnelled valve for the replacement of the ileo-cecal valve. Vinograd I, et al. **J Pediatr Surg** 1984 Dec;19(6):726-31

Functional assessment after colectomy, mucosal proctectomy, and endorectal ileoanal pull-through. Becker JM, et al. **World J Surg** 1985 Aug;9(4):598-605

[Surgical treatment of rectal prolapse in a 1-year-old mare resecting only the mucous membrane] Pfeil L, et al. **Tierarztl Prax** 1984;12(3):350-3 (Eng. Abstr.) **(Ger)**

TRANSPLANTATION

Morphologic study of jejunal mucosal transplants for the replacement of oral mucosa. Reichart P, et al. **J Oral Pathol** 1984 Dec;13(6):595-603

Effect of intestinal location on growth and function of neomucosa. Thompson JS, et al. **J Surg Res** 1985 Jul;39(1):68-75

Growth of dog intestinal mucosa xenografts in nude mice. Harbin S, et al. **Prog Clin Biol Res** 1985;181:467-71

[Gastroplasty procedure using a pedicled jejunal mucosal patch] Grigorescu A, et al. **Rev Chir [Chir]** 1985 Mar-Apr;

34(2):155-60 (Eng. Abstr.) **(Rum)**

ULTRASTRUCTURE

Ultrastructural features of the bovine cecal mucosa. Maala CP, et al. **Anat Histol Embryol** 1985 Jun;14(2):116-41
Ultrastructure of Paneth cells in germ-free rats, with special reference to the secretory granules and lysosomes. Satoh Y. **Arch Histol Jpn** 1984 Aug;47(3):293-301
Decrease by cycloheximide of calcium binding and nonesterified fatty acids in rat-intestinal Golgi-enriched membrane fractions. Dasmahapatra A, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):19-24
Morphological studies of the goldfish hindgut mucosa in organ culture. Iida H, et al. **Cell Tissue Res** 1984; 238(3):523-8
Ultrastructural study of the mast cells of the human duodenal mucosa. Moneret-Vautrin DA, et al. **Clin Allergy** 1984 Sep; 14(5):471-81
Ultrastructure of the epithelial cells of the small intestinal villi, the surface epithelium of the large intestinal mucosa and some elements of the intestinal mucosal lamina propria in rats with acute uraemia. Kozłowski W, et al. **Exp Pathol** 1985;28(1):45-54
Scanning electron microscopic appearance of chronic ulcerative colitis with and without dysplasia. Shields HM, et al. **Gastroenterology** 1985 Jul;89(1):62-72
Surface morphology of the gastroduodenal mucosa in duodenal ulceration. Steer HW. **Gut** 1984 Nov; 25(11):1203-10
The microvillus in adult jejunal mucosa--an electron microscopic study. Sinclair TS, et al. **Histopathology** 1984 Sep;8(5):739-46
Entamoeba histolytica trophozoites in the lumen and mucus blanket of rat colons studied in vivo. Leitch GJ, et al. **Infect Immun** 1985 Jan;47(1):68-73
Topography and enterocyte morphology of the small bowel mucosal surface in equine granulomatous enteritis. Lindberg R, et al. **J Comp Pathol** 1985 Jan;95(1):65-78
Structure of zonulae occludentes and the permeability of the epithelium to short-chain fatty acids in the proximal and the distal colon of guinea pig. Luciano L, et al. **J Membr Biol** 1984;82(2):145-56
Chemical dissection of stereovilli from fish inner ear reveals differences from intestinal microvilli. Neugebauer DC, et al. **J Neurocytol** 1984 Oct;13(5):797-808
Local Shwartzman reaction in the rectal mucosa in acute diarrhoea. Mathan MM, et al. **J Pathol** 1985 Jul; 146(3):179-87
The gastro-duodenal epithelium in peptic ulceration. Steer HW. **J Pathol** 1985 Aug;146(4):355-62
The ultrastructural labelling of keratin proteins in normal human colonic mucosa by a low temperature embedding, protein A-gold technique. Warhol MJ, et al. **J Submicrosc Cytol** 1985 Jul;17(3):357-61
Morphological characteristics of the intestinal mucosa in the Afghan pika (Ochotona rufescens rufescens). Kurohmaru M, et al. **Jikken Dobutsu** 1984 Oct;33(4):509-18
Effects of carcinogen dosage on experimental colonic carcinogenesis by azoxymethane: an ultrastructural study of grossly normal colonic mucosa. Pan Q, et al. **JNCI** 1985 Mar;74(3):689-98
Surface coat of enterocytes in chronic duodenitis. Czerniak B, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):9-14
Surface coat of enterocytes in chronic duodenitis. Czerniak B, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):9-14
Ultrastructural study on a severe infantile sialidosis (beta-galactosidase-alpha-neuraminidase deficiency). Yamano T, et al. **Neuropediatrics** 1985 May;16(2):109-12
Nuclear changes in colo-rectal epithelium with special reference to nuclear inclusions in carcinoma, dysplasia, adenoma and Peutz-Jeghers polyps. Sato E, et al. **Tohoku J Exp Med** 1985 May;146(1):9-16
Surface ultrastructure of the small intestine mucosa in children with celiac disease. I. Untreated disease and effects of long-term gluten elimination and challenge. Stenling R, et al. **Ultrastruct Pathol** 1984;6(4):295-305
Ultrastructure of the intestinal mucosa in pigs experimentally inoculated with an edema disease-producing strain of Escherichia coli (0139:K12:H1). Methiyapun S, et al. **Vet Pathol** 1984 Sep;21(5):516-20
Biological and pathobiological aspects of the glycocalyx of the small intestinal epithelium. A review. Egberts HJ, et al. **Vet Q** 1984 Sep;6(4):186-99 (147 ref.)
Canine parvovirus enteritis 3: Scanning electron microscopical features of experimental infection. Macartney L, et al. **Vet Rec** 1984 Nov 24;115(21):533-7
Scanning electron microscopic observation on the luminal surface of the intestine in lamprey (Lampetra japonica) during upstream migration. Ishikawa K, et al. **Z Mikrosk Anat Forsch** 1984;98(5):699-704
[In situ disaccharidase kinetics in relation to villi/crypt architecture of the jejunal mucosa--comparative studies in man and rat] Gutschmidt S. **Acta Histochem [Suppl] (Jena)** 1985;31:57-62 **(Ger)**
[Morphologic study by scanning electron microscope of the mucosa of the functioning and excluded intestinal segments after jejunoileal bypass] Doldi SB, et al. **Minerva Chir** 1984 Oct 31;39(20):1399-404 **(Ita)**
[Morphofunctional changes in large-intestinal mucosa in nonspecific ulcerative colitis] Panasiuk EN, et al. **Vrach Delo** 1985 Mar;(3):73-6 (Eng. Abstr.) **(Rus)**

INTESTINAL NEOPLASMS

Hodgkin's primary lymphoma of the small intestine. Monco A, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):568-71
Primary neoplasms of the small bowel. Swaroop DV, et al. **Indian J Gastroenterol** 1985 Jul;4(3):171-3
[Tumors of the small intestine--diagnosis, therapy and prognosis] Feil W, et al. **Langenbecks Arch Chir** 1985; 365(1):25-35 (Eng. Abstr.) **(Ger)**
[Primary malignant tumors of the small intestine. A review with demonstration of a case] Giebler A, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):105-7 (Eng. Abstr.) **(Ger)**
[Lymphoma of the intestine (editorial)] Rachmilewitz D, et al. **Harefuah** 1984 Jul;107(1-2):42-3 **(Heb)**
[Tumors of the small intestine] Dellavalle E, et al. **Minerva Chir** 1985 Jun 30;40(12):855-61 (Eng. Abstr.) **(Ita)**

ANALYSIS

S-100 protein in carcinoid tumours of appendix. Wilander E, et al. **Acta Neuropathol (Berl)** 1985;66(4):306-10

BLOOD

Serum growth hormone in patients with carcinoid tumours; basal levels and response to glucose and thyrotrophin releasing hormone. Oberg K, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):13-8

CHEMICALLY INDUCED

Stem cell carcinoma in the small intestine of mice treated transplacentally with N-ethyl-N-nitrosourea: some quantitative and histological aspects. Oomen LC, et al. **Cancer Lett** 1984 Nov;25(1):71-9
Intestinal tumors in rats induced by mutagens from glutamic acid pyrolysate. Masuda M, et al. **Exp Pathol** 1984; 26(3):123-9
Carcinogenic effects of 3-di(hydroxymethyl)-amino-6-(5-nitro-2-furylethenyl)-1, in the small intestine of Ishibashi and Wistar rats. Takahashi M, et al. **Exp Pathol** 1984;26(4):213-9
Experimental induction of mesothelioma using 9:10-dimethyl, 1:2-benzanthracene (DMBA) in chicken. Beohar PC, et al. **Indian J Exp Biol** 1984 Feb;22(2):78-80
Lack of promotive effect of quercetin on methylazoxymethanol acetate carcinogenesis in rats. Kato K, et al. **J Toxicol Sci** 1984 Nov;9(4):319-25
Large intestinal carcinogenesis. I. Promotional effect of dietary fatty acid isomers in the rat model. Hogan ML, et al. **JNCI** 1984 Dec;73(6):1293-6
Tumorigenic effects of direct- and indirect-acting chemical carcinogens in rats on a restricted diet. Pollard M, et al. **JNCI** 1985 Jun;74(6):1347-9
Clonogenic, stem and carcinogen-target cells in small intestine. Potten CS. **Scand J Gastroenterol [Suppl]** 1984; 104:3-14
[Modifying action of neonatal androgenization on 1,2-dimethylhydrazine-induced carcinogenesis in male CBA-strain mice] Smirnova IO, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):187-9 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Rheumatoid arthritis and malignant histiocytosis of the intestine [letter] Cooper C, et al. **Ann Rheum Dis** 1984 Oct; 43(5):766-7
Ulcerative colitis complicated by lymphoma and adenocarcinoma. Hope-Ross M, et al. **Br J Surg** 1985 Jan; 72(1):22
Small bowel tumours causing intussusception in childhood. Puri P, et al. **Br J Surg** 1985 Jun;72(6):493-4
Granulomatous hepatitis in a patient with previously treated histiocytic lymphoma. Vandenberg TA, et al. **Can Med Assoc J** 1985 Jun 15;132(12):1390-1, 1395
Intestinal lymphocytic lymphoma with monoclonal IgM gammopathy and bullous dermatitis. Leone G, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):707-14
An invasive hemangioma and failure to thrive. Lazerson J. **Hosp Pract [Off]** 1984 Dec;19(12):32, 34
Malignant change in fistula-in-ano. Feeley TM, et al. **Ir Med J** 1984 Oct;77(10):326
Paraspinal myoclonus due to spinal root lesion [letter] Sotaniemi KA. **J Neurol Neurosurg Psychiatry** 1985 Jul; 48(7):722-3
[Blue rubber bleb nevus syndrome and intussusception--a case report] Pan CH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1058-63 (Eng. Abstr.) **(Chi)**
[Hemangiomatosis and diverticulosis of the digestive tract causing massive hemorrhage] Schulteisz F, et al. **Orv Hetil** 1985 Aug 25;126(34):2105-7 (Eng. Abstr.) **(Hun)**
[Effectiveness of special methods for preventing postoperative venous thromboembolic complications in elderly oncological patients] Nodel'son SE. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):55-8 (Eng. Abstr.) **(Rus)**
[Multiple lymphosarcoma of the small intestine as the cause of profuse intestinal hemorrhage] Iakovenko LV, et al. **Klin Khir** 1985 May;(5):55 **(Rus)**
[Complicated forms of cancer of the large intestine] Zinevich VP, et al. **Klin Khir** 1985 May;(5):34-6 (Eng. Abstr.) **(Rus)**
[Profuse internal bleeding as a complication of a myoma of the small intestine] Shidlovskiĭ VA, et al. **Vopr Onkol** 1985; 31(8):90 **(Rus)**

CONGENITAL

Solitary intestinal fibromatosis with perinatal bowel obstruction. Srigley JR, et al. **Pediatr Pathol** 1984; 2(3):249-58

DIAGNOSIS

Intestinal endometriosis. Croom RD 3d, et al. **Am J Surg** 1984 Nov;148(5):660-7
Primary small bowel malignancies. Johnson AM, et al. **Am Surg** 1985 Jan;51(1):31-6
Primary malignant tumours of the small intestine. Adotey JM. **Br J Clin Pract** 1985 Feb;39(2):54-8
Endoscopic findings in a case of Kaposi's sarcoma with involvement of the large and small bowel. Ell C, et al. **Endoscopy** 1985 Jul;17(4):161-4
Mediterranean abdominal lymphoma [letter] Almici C, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):505
Growling, flushing, and a 30-pound weight loss. Khokhar N. **Hosp Pract [Off]** 1985 Sep 30;20(9A):64-5
Nodular lymphoid hyperplasia of the intestinal tract in infancy and childhood. Atwell JD, et al. **J Pediatr Surg** 1985 Feb;20(1):25-9
[Neurilemmoma of the small intestine] Knudsen JT, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):864 (Eng. Abstr.) **(Dan)**
[Leiomyosarcoma of the small intestine. Apropos of 3 cases] Bahnini A, et al. **J Chir (Paris)** 1985 Apr;122(4):215-20 (Eng. Abstr.) **(Fre)**
[Difficulties in the diagnosis of benign tumors of the small intestine] Rozsos I, et al. **Orv Hetil** 1985 May 26; 126(21):1291-3 (Eng. Abstr.) **(Hun)**
[Peripheral schwannomas: a case report] Feliciotti F, et al. **Chir Ital** 1982 Jun;34(3):393-403 (Eng. Abstr.) **(Ita)**
[Hemangioma of the small intestine simulating iron-deficiency anemia] Podil'chak MD, et al. **Klin Khir** 1985 May;(5):56 **(Rus)**
[Pneumatosis cystoides intestinalis simulating a tumor of the large intestine (1 case)] Potashov LV, et al. **Vopr Onkol** 1985;31(6):110-1 **(Rus)**
[Colonoscopic polypectomy in the diagnosis of potentially malignant tumors of the large intestine] Bátovský M, et al. **Bratisl Lek Listy** 1985 Jan;83(1):41-5 (Eng. Abstr.) **(Slo)**
[Intestinal carcinoid tumor. Apropos of 16 cases] Bonet M, et al. **Med Clin (Barc)** 1984 Nov 24;83(17):708-11 (Eng. Abstr.) **(Spa)**
[Mediterranean lymphoma in a patient of advanced age (letter)] Llobell Seguí G, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):674-5 **(Spa)**

DRUG THERAPY

Effects of cimetidine and indomethacin on the growth of dimethylhydrazine-induced or transplanted intestinal cancers in the rat. Caignard A, et al. **Br J Cancer** 1984 Nov;50(5):661-5
Effect of piroxicam on primary intestinal tumors induced in rats by N-methylnitrosourea. Pollard M, et al. **Cancer Lett** 1984 Dec;25(2):117-21
[Adjuvant chemotherapy in cancers of the stomach, pancreas and intestine] Martin F. **Bull Cancer (Paris)** 1984; 71(4):374-6 (Eng. Abstr.) **(Fre)**
[Cytotoxic action of thiophosphamide on human tumor cells] Korman DB, et al. **Farmakol Toksikol** 1984 Sep-Oct; 47(5):70-4 (Eng. Abstr.) **(Rus)**
[Adjuvant chemotherapy following radical operations for cancer of the large intestine] Prorokov VV, et al. **Vopr Onkol** 1985;31(5):10-4 (31 ref.) **(Rus)**

ENZYMOLOGY

Neuron-specific enolase in mucosal endocrine cells and carcinoid tumours of the small intestine: a comparative study with neuron-specific enolase immunocytochemistry and silver stains. Lundqvist M, et al. **Histochem J** 1985 Mar;17(3):323-31

ETIOLOGY

Celiac disease: does hyposplenism predispose to the development of malignant disease? O'Grady JG, et al. **Am J Gastroenterol** 1985 Jan;80(1):27-9
Small intestinal lymphoma in three patients with acquired immune deficiency syndrome. Steinberg JJ, et al. **Am J Gastroenterol** 1985 Jan;80(1):21-6
Goblet cell changes during intestinal adaptation to azoxymethane and enteric bypass in the rat. Olubuyide IO, et al. **Br J Cancer** 1985 Mar;51(3):383-8
Inflammatory bowel diseases and their relationship to malignancy. Faintuch J, et al. **CRC Crit Rev Oncol Hematol** 1985;2(4):323-53 (225 ref.)
The correlation between cholecystectomy and fecal bile acids, and large-bowel cancer induced with 1,2-dimethylhydrazine in mice. Narisawa T, et al. **Dis Colon Rectum** 1985 Jan;28(1):27-30
Traumatic neuroma of the intestine. Chandrasoma P, et al. **Gastrointest Radiol** 1985;10(2):161-2

Inflammatory bowel disease and carcinoma. Datta PK. **Practitioner** 1985 May;229(1403):465-9

Nutrition and carcinoma of the large intestine. Weisburger JH. **Proc Nutr Soc** 1985 Feb;44(1):115-20 (29 ref.)

Immunoblastic lymphoma in a cyclosporine-treated renal transplant recipient. Bia MJ, et al. **Transplantation** 1985 Jun;39(6):673-5

[Leiomyoma of the small intestine discovered in the follow-up of intestinal resection for abdominal injury (letter)] Bercau G, et al. **Presse Med** 1984 Sep 29; 13(33):2020 **(Fre)**

[Malignant lymphoma of the small intestine after long-existent sprue (letter)] Heck J. **Dtsch Med Wochenschr** 1984 Dec 21;109(51-52):1988 **(Ger)**

[Polyunsaturated fatty acids and cancer] Donzelli A. **Recenti Prog Med** 1984 Dec;75(12):1089-96 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

Familial polyposis coli and associated lesions. Alm T. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):469-75

Small bowel cancers, B-cell lymphatic leukemia, and six primary cancers with metastases and prolonged survival in the cancer family syndrome of Lynch. Love RR. **Cancer** 1985 Feb 1;55(3):499-502

Concomitance of urogenital with lymphoid and intestinal malignancies: more than a coincidence. Shabtai F, et al. **Urol Int** 1985;40(3):145-7

IMMUNOLOGY

The local immune response to large bowel tumors. Bland PW. **Acta Chir Scand [Suppl]** 1985;525:70-92

The ultrastructural immunohistochemistry of oncofoetal antigens in large bowel carcinomas. Haynes WD, et al. **Virchows Arch [A]** 1985;405(2):263-75

[Immunomorphological study of 1,2-dimethylhydrazine-induced carcinomas of the large intestine in rats using monoclonal antibodies to intermediate filament proteins] Krutovskikh VA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):240-1 (Eng. Abstr.) **(Rus)**

METABOLISM

Somatostatin-producing tumors. Berelowitz M. **Adv Exp Med Biol** 1985;188:475-87

Nuclear DNA in intestinal carcinoid tumors. A study before and after cytotoxin (streptozotocin and 5-fluorouracil) treatment. Wilander E, et al. **Cancer** 1985 Aug 15; 56(4):793-6

Steroid receptors and the distribution of IR-carcinoembryonic antigen in colonic cancer. Odagiri E, et al. **Dis Colon Rectum** 1984 Dec;27(12):787-91

MICROBIOLOGY

Gut microflora and small bowel neoplasia: cause or not so innocent coexistence? King CE. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):469-71

OCCURRENCE

Prevalence of polyps in an autopsy series from areas with varying incidence of large-bowel cancer. Clark JC, et al. **Int J Cancer** 1985 Aug 15;36(2):179-86

[Malignant neoplasms of the esophago-gastro-intestinal tract in the province of Sassari 1970-1982] Romano G, et al. **Pathologica** 1984 Nov-Dec;76(1046):691-705 (Eng. Abstr.) **(Ita)**

[Cancer morbidity of the large intestine and its prognosis in the Moldavian SSR] Khonelidze GB, et al. **Vopr Onkol** 1985;31(6):86-90 (Eng. Abstr.) **(Rus)**

PATHOLOGY

The shedding of viable cells into the local lymph by tumours growing in the gut of rats. Gyure LA, et al. **Br J Cancer** 1985 Mar;51(3):379-82

Small bowel neoplasm [letter] Herrera GA. **Dig Dis Sci** 1985 Jul;30(7):698

The relationship between different staging methods and survival in colorectal carcinoma. Chapuis PH, et al. **Dis Colon Rectum** 1985 Mar;28(3):158-61

Stable intestinal phenotypic expression of gastric and small intestinal tumor cells induced by N-methyl-N'-nitro-N-nitrosoguanidine or methylnitrosourea in rats. Tatematsu M, et al. **Gann** 1984 Nov;75(11):957-65

Small intestinal chromaffin cells and carcinoid tumours: a study with silver stains, formalin-induced fluorescence and monoclonal antibodies to serotonin. Lundqvist M, et al. **Histochem J** 1984 Dec;16(12):1247-56

Mucin profiles in the mucosa adjacent to large bowel non-adenocarcinoma neoplasias. Lapertosa G, et al. **Histopathology** 1984 Sep;8(5):805-11

Large intestinal carcinogenesis. II. Histogenesis and unusual features of low-dose azoxymethane-induced carcinomas in F344 rats. Shamsuddin AM, et al. **JNCI** 1984 Dec; 73(6):1297-305

Large intestinal carcinogenesis. III. Studies in low-incidence (Japanese) patients. Shamsuddin AM, et al. **JNCI** 1984 Dec; 73(6):1307-10

Malignant histiocytosis of the intestine: a T-cell lymphoma. Isaacson PG, et al. **Lancet** 1985 Sep 28;2(8457):688-91

Malignant lymphoma of the small bowel associated with diffuse nodular lymphoid hyperplasia. Matuchansky C, et al. **N Engl J Med** 1985 Jul 18;313(3):166-71

Small bowel adenocarcinoma: report of three cases and review of literature. Haq MM, et al. **Tex Med** 1985 Mar; 81(3):51-4 (25 ref.)

Leiomyosarcoma of the small bowel. Baldi F. **Tumori** 1985 Jun 30;71(3):311-5

[The polyp-cancer relationship in carcinoma of the large intestine] Mileterov L. **Khirurgiia (Sofiia)** 1984;37(6):495-9 **(Bul)**

[Case report of carcinoma of the small intestine] Trifonov D, et al. **Khirurgiia (Sofiia)** 1985;38(1):44-6 **(Bul)**

[Primary malignant melanoma of the small intestine] Eiskjaer S. **Ugeskr Laeger** 1985 Apr 8;147(15):1271-2 (Eng. Abstr.) **(Dan)**

[Clinico-anatomic characteristics of carcinoid tumors of the small intestine] Derizhanova IS. **Khirurgiia (Mosk)** 1985 Mar;(3):30-3 (Eng. Abstr.) **(Rus)**

[Kinetic characteristics of the normal enterocyte population and in carcinogenesis] Melikiants AG, et al. **Tsitologiia** 1984 Jul;26(7):826-32 (Eng. Abstr.) **(Rus)**

[Tumors of the small intestine] Sandoval MG, et al. **Rev Med Chil** 1984 Dec;112(12):1220-4 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Effect of dietary seaweed preparations on 1,2-dimethylhydrazine-induced intestinal carcinogenesis in rats. Yamamoto I, et al. **Cancer Lett** 1985 Apr;26(3):241-51

Reduction of acetoxymethyl-methylnitrosamine-induced large bowel cancer in rats by indomethacin. Narisawa T, et al. **Tohoku J Exp Med** 1984 Nov;144(3):237-43

RADIOGRAPHY

[Radiology of tumors of the small intestine] Montesi A, et al. **Radiol Med (Torino)** 1984 Apr;70(4):223-32 **(Ita)**

SECONDARY

Radiography of the small bowel in patients with gynecologic malignancies. Yuhasz M, et al. **AJR** 1985 Feb;144(2):303-7

[Distant metastases of cervical cancer. Apropos of an unusual case. Review of the literature] Bellaïche M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):527-30 (Eng. Abstr.) **(Fre)**

[Two cases of resection of small intestine with metastatic lesion of bronchogenic carcinoma after pulmonary resection] Koike T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):242-6 (Eng. Abstr.) **(Jpn)**

SECRETION

Villous adenoma depletion syndrome. Evidence for a cyclic nucleotide-mediated diarrhea. Jacob H, et al. **Dig Dis Sci** 1985 Jul;30(7):637-41

On the mode of action of the pentagastrin test in the carcinoid syndrome. Grönstad KO, et al. **Scand J Gastroenterol** 1985 May;20(4):508-11

SURGERY

Malignant large bowel obstruction. Phillips RK, et al. **Br J Surg** 1985 Apr;72(4):296-302

Malignant tumors of the small bowel. Laws HL, et al. **South Med J** 1984 Sep;77(9):1087-90

[Diagnosis and therapy of large intestine endometriosis] Hörl M, et al. **Chirurg** 1984 Oct;55(10):653-6 (Eng. Abstr.) **(Ger)**

[Prevention of burst abdomen by polyacrylic plates with Redon drainage reinforced with polyester suture material] Damme J, et al. **Zentralbl Chir** 1985;110(9):572-4 **(Ger)**

[A case of Cronkhite-Canada syndrome with improvement of hypoproteinemia following gastroileocolectomy] Uchida J, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct; 73(10):1490-6 **(Jpn)**

[Malignant lymphoma of the digestive tract (10-year data of the Surgical Department of the City Hospital in Swidnica)] Wójcik A, et al. **Pol Tyg Lek** 1985 Apr 8-15; 40(14-15):413-5 (Eng. Abstr.) **(Pol)**

[Preoperative preparation in the surgical treatment of cancer of the large intestine] Knysh VI, et al. **Klin Med (Mosk)** 1985 Jan;63(1):146-9 **(Rus)**

THERAPY

[The NSABP. National Surgical Adjuvant Project for Breast and Bowel Cancers. (Definition, role, methodology, therapeutic trials, results, philosophy)] Legault S, et al. **Union Med Can** 1985 Jun;114(6):468-73, 500 (Eng. Abstr.) **(Fre)**

[Non-specific immunotherapy with OK-432, streptococcus pyogenes preparation, for inoperable cancer patients of the digestive tract] Hanaue H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1307-14 (Eng. Abstr.) **(Jpn)**

VETERINARY

Lymphosarcoma in a horse. Humphrey M, et al. **Equine Vet J** 1984 Nov;16(6):547-8

A seminoma and a leiomyosarcoma in an albino African lungfish (Protopterus dolloi). Hubbard GB, et al. **J Wildl Dis** 1985 Jan;21(1):72-4

Phenoxy and picolinic acid herbicides and small-intestinal adenocarcinoma in sheep. Newell KW, et al. **Lancet** 1984 Dec 8;2(8415):1301-5

[Age-related changes in adenylate cyclase activity, lipid composition and lipid peroxidation in rat intestinal mucosa: comparison with the frequency of spontaneous tumors] Bershtein LM, et al. **Vopr Onkol** 1985;31(8):85-9 (Eng. Abstr.) **(Rus)**

INTESTINAL OBSTRUCTION

Simultaneous occurrence of sigmoid and cecal volvulus. Singh G, et al. **Dis Colon Rectum** 1985 Feb;28(2):115-6

[Volvulus in pregnancy] Košt'ál M, et al. **Cesk Gynekol** 1984 Jul;49(6):434-6 **(Cze)**

[Volvulus of the sigmoid in pregnancy] Pecorella G, et al. **Minerva Ginecol** 1985 May;37(5):225-8 (Eng. Abstr.) **(Ita)**

[Sigmoid volvulus: a rare pathology of pediatric significance. Presentation of 2 clinical cases] Vitali V, et al. **Minerva Pediatr** 1984 May 31;36(10):549-52 (Eng. Abstr.) **(Ita)**

[Device for measured compression of the intestine] Tashbekov FB. **Khirurgiia (Mosk)** 1984 Aug;(8):132-3 **(Rus)**

[Acute ileus] Daničić B. **Acta Chir Iugosl** 1984;31 Suppl 1:61-70 (Eng. Abstr.) **(Ser)**

[Volvulus of the sigmoid] Moračić V, et al. **Acta Chir Iugosl** 1984;31 Suppl 1:71-80 **(Ser)**

BLOOD

[Bile acids and diseases of the small and large intestines] Negishi N, et al. **Nippon Rinsho** 1984 Jul;42(7):1639-44 **(Jpn)**

CHEMICALLY INDUCED

Maternal paralytic ileus as a complication of magnesium sulfate tocolysis. Hill WC, et al. **Am J Perinatol** 1985 Jan; 2(1):47-8

[Intestinal pseudo-occlusion and treatment with cisplatin (letter)] Hirsch JF, et al. **Presse Med** 1984 Dec 22; 13(46):2816 **(Fre)**

COMPLICATIONS

Lactulose and severe lactic acidosis [letter] Mann NS, et al. **Ann Intern Med** 1985 Oct;103(4):637

Gallstone obstruction of the colon. Report of two cases and review of management. Milsom JW, et al. **Dis Colon Rectum** 1985 May;28(5):367-70

Hydrops fetalis associated with midgut volvulus. Nogami W, et al. **J Pediatr Surg** 1985 Apr;20(2):177-8

Urological manifestations of patients with visceral myopathy. Bonsib SM, et al. **J Urol** 1984 Dec;132(6):1112-6

Sigmoid volvulus in advanced pregnancy. Report of 2 cases. Hofmeyr GJ, et al. **S Afr Med J** 1985 Jan 12;67(2):63-4

[Weight loss, diarrhea and abdominal cramps in a previously healthy young man] Groop L. **Duodecim** 1984; 100(13):806-14 **(Fin)**

[Constipation caused by colonic inertia and distal obstruction: electromyographic study] Schang JC, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):480-5 (Eng. Abstr.) **(Fre)**

[Thromboembolism of the portal vein in strangulation obstruction of the intestine] Darenskii DI, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):42-5 (Eng. Abstr.) **(Rus)**

[Rare form of intestinal strangulation associated with destructive appendicitis in a child] Ten IuV. **Vestn Khir** 1985 Jan;134(1):110 **(Rus)**

CONGENITAL

Megacystis-microcolon-intestinal hypoperistalsis syndrome: a functional intestinal obstruction in the female newborn. Alexacos L, et al. **Z Kinderchir** 1985 Feb;40(1):58-9

Congenital absence of small intestinal musculature (one case report). Miyagawa S, et al. **Z Kinderchir** 1985 Feb; 40(1):55-7

[Left micro-colon syndrome and hypothyroidism] Chapoy P, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):365-7 (Eng. Abstr.) **(Fre)**

[Intestinal rotation and fixation abnormalities in children] Knudtzon J, et al. **Tidsskr Nor Laegeforen** 1985 May 20; 105(14):969-72 (Eng. Abstr.) **(Nor)**

DIAGNOSIS

Malrotation in children with symptoms of gastrointestinal allergy and psychosomatic abdominal pain. Kullendorff CM, et al. **Acta Paediatr Scand** 1985 Mar;74(2):296-9

Intestinal obstruction in adult males: pitfall and practices. Nagendran T, et al. **Ala Med** 1984 Dec;54(6):12-3, 16-7, 19-22

Acute pseudo-obstruction of the colon. Bullock PR, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):327-30

Campylobacter colitis with intestinal aphthous ulceration mimicking obstruction. Bentley D, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):634

Pneumatosis cystoides intestinalis simulating malignant colonic obstruction. Soutter DI, et al. **Can J Surg** 1985

May;28(3):272-3

Ultrasound diagnosis and management of fetal intestinal obstruction and volvulus in utero. Samuel N, et al. **J Perinat Med** 1984;12(6):333-7

Intestinal entrapment and strangulation by right lobe of liver. Sellu DP. **J R Coll Surg Edinb** 1984 Nov;29(6):381-2

Sonographic diagnosis of bowel obstruction presenting with fluid-filled loops of bowel. Bedi DG, et al. **JCU** 1985 Jan; 13(1):23-30

Ileosigmoid knot. Amy B, et al. **South Med J** 1984 Oct; 77(10):1338

Acute volvulus of the transverse colon: report of an unusual case. Chang TH. **W Va Med J** 1985 May;81(5):95-8

Nonoperative management of acute idiopathic colonic pseudo-obstruction (Ogilvie's syndrome). Fausel CS, et al. **West J Med** 1985 Jul;143(1):50-4

[Atypical disease aspects in spondylodiskitis] van den Ham JA, et al. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):411-2 (Eng. Abstr.) **(Dut)**

[Colonic pseudo-occlusion syndrome. Ogilvie's syndrome Apropos of 22 cases] Bognel JC, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):157-61 (Eng. Abstr.) **(Fre)**

[Pseudo-obstruction and colonic ischemia] Chabloz R, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):195-8 (Eng. Abstr.) **(Fre)**

[Acute colonic pseudo-obstruction] Wagner J. **Cah Anesthesiol** 1982 Nov;30(7):959-63 **(Fre)**

[Emergency colonoscopy in lower intestinal occlusion] Cassigneul J, et al. **Gastroenterol Clin Biol** 1984 Oct; 8(10):742-5 (Eng. Abstr.) **(Fre)**

[Chronic idiopathic intestinal pseudo-obstruction] Cuttat JF, et al. **Schweiz Rundsch Med Prax** 1984 Dec 4; 73(49):1507-12 (34 ref.) (Eng. Abstr.) **(Fre)**

[Value of sonographic ileus diagnosis] Meiser G, et al. **Chirurg** 1985 Jan;56(1):46-9 (Eng. Abstr.) **(Ger)**

[Ileus and peritonitis] Kern E, et al. **Dtsch Med Wochenschr** 1985 Sep 27;110(39):1501-2 **(Ger)**

[Sonographic differential diagnosis of intestinal obstruction--results of a prospective study of 48 patients] Meiser G, et al. **Ultraschall Med** 1985 Feb;6(1):39-45 (Eng. Abstr.) **(Ger)**

[Emergency situations in pathology of the left colon: validity of fibrosigmoidoscopy in differential diagnosis] Gabrielli F, et al. **Chir Ital** 1983 Oct;35(5):733-41 (Eng. Abstr.) **(Ita)**

[Acute volvulus of the cecum. A rare case of occlusion in a young patient] Vitali V, et al. **Minerva Chir** 1984 Apr 30;39(8):655-8 (Eng. Abstr.) **(Ita)**

[Ultrasonographic demonstration of appendicitis peritonitis with paralytic ileus] Takada T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1394-7 **(Jpn)**

[Diagnosis of disorders of intestinal motor function in children with acute appendicitis using phonoenterography] Baklanov VV, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):45-8 (Eng. Abstr.) **(Rus)**

[Diagnosis of postoperative mechanical ileus] Mintser OP, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):90-4 (Eng. Abstr.) **(Rus)**

[Diagnosis of early postoperative complications in pediatric abdominal surgery] Kharchenko DM, et al. **Klin Khir** 1985; (6):44-6 (Eng. Abstr.) **(Rus)**

[Errors in the diagnosis of early adhesive intestinal obstruction after emergency appendectomy] Podonenko-Bogdanova AP, et al. **Klin Khir** 1985 Apr; (4):64-5 **(Rus)**

[Laparoscopic diagnosis of early complications of abdominal surgery] Sokolov LK, et al. **Sov Med** 1984;(7):96-9 **(Rus)**

DRUG THERAPY

Beneficial effects of naloxone in a patient with intestinal pseudoobstruction. Schang JC, et al. **Am J Gastroenterol** 1985 Jun;80(6):407-11

Absorption of metronidazole suppositories in patients with postoperative ileus. Axelsson CK, et al. **Dan Med Bull** 1985 May;32(2):134-7

Radiographic plain film and CT findings in lipoid pneumonia in infants following aspiration of mineral oil used in the treatment of partial small bowel obstruction by Ascaris lumbricoides. de Oliveira GA, et al. **Pediatr Radiol** 1985; 15(3):157-60

[Improved preparation of 'da-cheng-qi-tang' and its clinical use] Xiang YM. **Chung Yao Tung Pao** 1984 May;9(3):123-4 **(Chi)**

EMBRYOLOGY

Neonatal intestinal obstruction from omphalomesenteric duct remnants. Gaisie G, et al. **AJR** 1985 Jan;144(1):109-12

ETIOLOGY

Acute intestinal obstruction and splenic hemorrhage due to metastatic choriocarcinoma. A case report. Kristoffersson A, et al. **Acta Chir Scand** 1985;151(4):381-4

Infectious jejunitis with stricture after gastrojejunostomy. Chen YM, et al. **Am J Gastroenterol** 1985 May;80(5):334-6

Intestinal obstruction caused by ingestion of a Heidelberg capsule: report of a case. Faegenburg D, et al. **Am J Gastroenterol** 1985 Oct;80(10):787-9

Small bowel obstruction secondary to a prior Moschcowitz procedure. Dicke JM. **Am J Obstet Gynecol** 1985 Aug 1; 152(7 Pt 1):887-8

Surgical complications of peritoneal dialysis catheters. Fleisher AG, et al. **Am J Surg** 1985 Jun;149(6):726-9

Intestinal obstruction due to schistosomiasis. Iyer HV, et al. **Am J Surg** 1985 Mar;149(3):409-11

Workup of neonatal intestinal obstruction. Ricketts RR. **Am Surg** 1984 Oct;50(10):517-21

Solitary intestinal fibromatosis in the newborn. Rare cause of neonatal intestinal obstruction. Gonzalez-Crussi F, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):97-9

The spectrum of intestinal obstruction today. Nelson IW, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):249-51

Large bowel obstruction due to pelvic lipomatosis. Jones DJ, et al. **Br J Surg** 1985 Apr;72(4):309

Persimmon bezoars as a cause of intestinal obstruction: pitfalls in their surgical management. Kaplan O, et al. **Br J Surg** 1985 Mar;72(3):242-3

Taking the ileal conduit through the mesentery: a method of reducing the incidence of intestinal obstruction. Clark PB. **Br J Urol** 1984 Aug;56(4):373-5

Choledochoduodenal fistula and gallstone ileus in the absence of the gallbladder [letter] Derodra J. **Can J Surg** 1985 Jul; 28(4):302

Gallstone ileus in the absence of the gallbladder: case report and review of the literature. Masters RG, et al. **Can J Surg** 1985 Jan;28(1):65-6

Sclerosing peritonitis with mural bowel fibrosis in a patient on long-term CAPD. Hauglustaine D, et al. **Clin Nephrol** 1984 Sep;22(3):158-62

Strangulated congenital diaphragmatic hernia in infants. Zamir O, et al. **Clin Pediatr (Phila)** 1985 Jun;24(6):354-6

Small intestinal obstruction after appendectomy: an avoidable complication? Arnbjörnsson E. **Curr Surg** 1984 Sep-Oct; 41(5):354-7

Gastric retention of enteric-coated sulfasalazine tablets. A complication of gastroduodenal Crohn's disease. Harary AM, et al. **Dig Dis Sci** 1984 Nov;29(11):1063-5

The association of synchronous neoplasms with occluding colorectal cancer. Bat L, et al. **Dis Colon Rectum** 1985 Mar;28(3):149-51

Intestinal obstruction due to Ascaris lumbricoides mimicking intussusception. Katz Y, et al. **Dis Colon Rectum** 1985 Apr; 28(4):267-9

Adenocarcinoma and colitis cystica profunda in a radiation-induced colonic stricture. Valiulis AP, et al. **Dis Colon Rectum** 1985 Feb;28(2):128-31

Immediate colectomy and primary anastomosis for acute obstruction due to carcinoma of the left colon and rectum. White CM, et al. **Dis Colon Rectum** 1985 Mar;28(3):155-7

Intestinal obstruction due to peritoneal adhesions as a complication of peritoneal dialysis for neonatal hyperammonemia. Nyhan WL, et al. **Eur J Pediatr** 1985 Jan;143(3):211-3

Small bowel obstruction following diagnostic laparoscopy. Sauer M, et al. **Fertil Steril** 1984 Oct;42(4):653-4

Ileal volvulus following colonoscopy [letter] Keeffe EB. **Gastrointest Endosc** 1985 Jun;31(3):228-9

Coeliac disease presenting with intestinal pseudo-obstruction [letter] Cluysenaer OJ, et al. **Gut** 1985 May;26(5):538

Pseudoobstruction of the colon complicating choriocarcinoma. Bandy LC, et al. **Gynecol Oncol** 1985 Mar;20(3):402-7

Recurrent cervical cancer presenting as small bowel obstruction. Christopherson W, et al. **Gynecol Oncol** 1985 Sep;22(1):109-14

Delirium tremens, hemorrhagic pancreatic pseudocyst with duodenal ileus, and fatal shock [letter] Kaschka WP, et al. **Hepatogastroenterology** 1985 Apr;32(2):108

Lipomatosis of the ileocecal valve causing recurrent small bowel obstruction. Shah IC, et al. **Int Surg** 1985 Jan-Mar; 70(1):81-2

Small bowel obstruction through a defect in the broad ligament. Leahy PF, et al. **Ir Med J** 1984 Nov;77(11):355

Stenosis of the colon in pancreatitis. Lazarou N, et al. **Isr J Med Sci** 1984 Nov;20(11):1073-7

Chronic intestinal obstruction caused by a true enterolith: report of a case. Flynn J, et al. **J Am Osteopath Assoc** 1984 Nov;84(3):292-5

Percutaneous treatment of small bowel obstruction due to a gastrostomy tube. Handler E, et al. **J Can Assoc Radiol** 1984 Dec;35(4):401-3

Aluminum hydroxide gel bezoar--CT diagnosis. Sussman S, et al. **J Can Assoc Radiol** 1985 Jun;36(2):148-9

Obstructive and perforative colonic carcinoma: patterns of failure. Willett C, et al. **J Clin Oncol** 1985 Mar;3(3):379-84

Pattern of acute intestinal obstruction in Southern Orissa. Mohapatro SK, et al. **J Indian Med Assoc** 1984 Sep; 82(9):312-6

Small bowel obstruction: review of nine years of experience. Popoola D, et al. **J Natl Med Assoc** 1984 Nov; 76(11):1089-94

Small bowel obstruction in chronic granulomatous disease. Lindahl JA, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep; 3(4):637-40

Megacystis-microcolon-intestinal hypoperistalsis syndrome: survival of a male infant. Gillis DA, et al. **J Pediatr Surg** 1985 Jun;20(3):279-81

Solitary metastatic malignant stricture of the ileum: a rare cause of small bowel obstruction (a case report). Mathur SK, et al. **J Postgrad Med** 1984 Jul;30(3):186-8

Prolonged gastroduodenal ileus complicating aortic aneurysm surgery. Aldridge MC, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):310-2

Post-traumatic small bowel stenosis. Foster ME, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):256-7

Volvulus neonatorum in the ninth decade. Barker P. **J R Nav Med Serv** 1984 Winter;70(3):166-7

Ogilvie's syndrome developing after ethanol ablation of renal cell carcinoma. Terhune DW, et al. **J Urol** 1985 May; 133(5):838-9

Small-bowel obstruction caused by intraluminal migration of prosthetic grafts. Jarrett F, et al. **J Vasc Surg** 1985 May; 2(3):477-9

Adynamic ileus following induced hypotension [letter] **JAMA** 1985 Oct 4;254(13):1721

Adynamic ileus following induced hypotension [letter] Chen JW, et al. **JAMA** 1985 Feb 1;253(5):633

Cecal volvulus: a different twist for the serious runner [letter] Pruett TL, et al. **N Engl J Med** 1985 May 9;312(19):1262-3

Solitary intestinal fibromatosis with perinatal bowel obstruction. Srigley JR, et al. **Pediatr Pathol** 1984; 2(3):249-58

Cholecystoduodenocolic fistula and gallstone ileus. Gibbons CP, et al. **Postgrad Med J** 1984 Oct;60(708):698-9

An unusual complication of stenosis of a colostomy. Haiart DC. **Postgrad Med J** 1985 Jun;61(716):549-50

Large bowel stenosis in rats after fractionated local irradiation. Kiszel Z, et al. **Radiother Oncol** 1984 Oct; 2(3):247-54

Intestinal complications of wide field abdominal irradiation for lymphoma. Langlois D, et al. **Radiother Oncol** 1985 Jun;3(4):293-8

Gastric outlet obstruction after Roux-en-Y gastrojejunostomy. van Marle J, et al. **S Afr J Surg** 1984 Nov-Dec;22(4):229-35

Bolus obstruction of the intestine. Case reports. Knott-Craig CJ, et al. **S Afr Med J** 1985 Jun 22;67(25):1025-6

Intestinal obstruction of infancy and childhood in Benin City, Nigeria. Akamaguna AI, et al. **Trop Geogr Med** 1985 Jun; 37(2):160-4

Volvulus of cecum following simple nephrectomy. Ali Khan S, et al. **Urol Int** 1985;40(1):1-2

Intestinal malrotation beyond the neonatal period. el-Gohari MA, et al. **Z Kinderchir** 1984 Aug;39(4):237-41

Closed loop intestinal obstruction due to vitello-intestinal remnants. Prabhu-Khanolkar S, et al. **Z Kinderchir** 1985 Jun;40(3):188-9

[Acute cholelithic mechanical ileus of the small intestine] Apostolov N, et al. **Khirurgiia (Sofiia)** 1984;37(6):489-95 (Eng. Abstr.) **(Bul)**

[Intestinal obstruction due to old peritoneal tuberculosis] Ye ZD. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):206-7, 252-3 (Eng. Abstr.) **(Chi)**

[Hemo-obstructive ileus in secondary pancytopenia] Cerný E, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1113-4 (Eng. Abstr.) **(Cze)**

[Gastroduodenal obstruction by gallstones (Bouveret's syndrome] Hledík E. **Cesk Radiol** 1985 May;39(3):150-5 (Eng. Abstr.) **(Cze)**

[Gallstone-induced colonic ileus] Jensen LS, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2706 (Eng. Abstr.) **(Dan)**

[Morgagni's hernia as a cause of postoperative mechanical ileus] Schroeder T, et al. **Ugeskr Laeger** 1984 Oct 1; 146(40):3041 (Eng. Abstr.) **(Dan)**

[Formation of a phytobezoar following surgery of the stomach. Review of the literature] Mees U, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):221-5 (Eng. Abstr.) **(Dut)**

[A new complication of duodenal diverticulum: occlusion of the small intestine by a bezoar] Mercier V, et al. **Ann Chir** 1984 Dec;38(9):691-2 (Eng. Abstr.) **(Fre)**

[Intestinal occlusion and enterocolitis caused by Gelopectose] Mercier JC, et al. **Arch Fr Pediatr** 1984 Dec;41(10):709-10 (Eng. Abstr.) **(Fre)**

[Volvulus of the gallbladder. Apropos of a new case] Goëau-Brissonnière O, et al. **J Chir (Paris)** 1985 Feb; 122(2):129-31 (Eng. Abstr.) **(Fre)**

[Late ileal and peritoneal metastases of renal adenocarcinoma disclosed by occlusion (letter)] Billebaud T, et al. **Presse Med** 1984 Nov 10;13(40):2457 **(Fre)**

[Parasitic eosinophilic granuloma of the intestines. A rare cause of intestinal occlusion in children (letter)] Boccon-Gibod L, et al. **Presse Med** 1984 Oct 27; 13(38):2324 **(Fre)**

[Severe ileus and icterus following heterotopic autotransplantation of the spleen. Case report] Bergmann J, et al. **Chirurg** 1985 Feb;56(2):123-4 **(Ger)**

[Ileus in cystic lymphangioma of the omentum] Schneider B, et al. **Chirurg** 1985 May;56(5):347-9 **(Ger)**

[Small intestine ileus after consuming figs [letter] Pfaff G, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):562-3 **(Ger)**

[A coprolith as a cause of obstruction of the large intestine [letter)] Putzki H. **Dtsch Med Wochenschr** 1985 Mar 15; 110(11):438-9 **(Ger)**

[An unusual case of multiple membranous stenoses in the large bowel] Bettmann I, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):181-4 (Eng. Abstr.) **(Ger)**

[Intestinal pseudo-obstruction in primary amyloidosis of the intestinal tract] Rewitzer H, et al. **Schweiz Med Wochenschr** 1984 Dec 15;114(50):1886-90

(Eng. Abstr.) (Ger)

[Ileus caused by food] Wolf O. **Z Arztl Fortbild (Jena)** 1984; 78(19):827-8 (Ger)

[Unusual foreign body causing ileus of the small intestine] Furucz E, et al. **Orv Hetil** 1985 Jun 16;126(24):1483-4 (Eng. Abstr.) (Hun)

[Intestinal obstruction caused by phytobezoar] Al Mureden N, et al. **Ann Ital Chir** 1984;56(5):467-71 (Eng. Abstr.) (Ita)

[Neoplastic occlusions of the large intestine (clinical study)] Cabano F, et al. **Chir Ital** 1983 Oct;35(5):742-53 (Eng. Abstr.) (Ita)

[Occlusion of the small intestine caused by metastatic neoplasms] di Natale I. **Chir Ital** 1984 Feb;36(1):91-5 (Eng. Abstr.) (Ita)

[Biliary ileus (description of 2 clinical cases)] Ferrari R, et al. **Chir Ital** 1983 Dec;35(6):949-52 (Eng. Abstr.) (Ita)

[Case of stenosing carcinoid tumor of the terminal ileum associated with gallbladder empyema with perforation] Virzì S, et al. **Chir Ital** 1983 Apr;35(2):262-9 (Eng. Abstr.) (Ita)

[Neonatal gastric obstruction] Lomiento D, et al. **Radiol Med (Torino)** 1984 Sep;70(9):607-10 (Eng. Abstr.) (Ita)

[Sigmoid volvulus in association with megacolon in myotonic dystrophy] Sasaki H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1195-200 (Jpn)

[A case of tumor-forming acute monocytic leukemia with complication of obstructed ileus due to ileal monoblastoma] Fukushima Y, et al. **Rinsho Ketsueki** 1984 Jun;25(6):875-81 (Eng. Abstr.) (Jpn)

[Gallstone ileus] Rein KA, et al. **Tidsskr Nor Laegeforen** 1985 Mar 20;105(8):576-8 (Eng. Abstr.) (Nor)

[Mechanical ileus in the first stage of labor caused by strangulation of the small intestine] Stoiński M. **Ginekol Pol** 1984 Sep;55(9):705-7 (Eng. Abstr.) (Pol)

[N-acetyltransferase and the process of adhesion formation in the abdominal cavity under experimental conditions] Magalashvili RD. **Khirurgiia (Mosk)** 1985 Apr;(4):64-8 (Eng. Abstr.) (Rus)

[Internal biliary fistulas and gallstone ileus] Riabukhin IA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):48-9 (Eng. Abstr.) (Rus)

[Pathogenetic significance of microbial sensitization of the body and the effectiveness of specific immunotherapy in postoperative adhesive disease] Roĭ VP, et al. **Klin Khir** 1985 Apr;(4):20-3 (Eng. Abstr.) (Rus)

[Postoperative adhesive intestinal obstruction in children] Pulatov AT, et al. **Vestn Khir** 1984 Aug;133(8):99-103 (Eng. Abstr.) (Rus)

[Role of the duodenum in the pathogenesis of the postcholecystectomy syndrome] Kravchuk NA. **Vrach Delo** 1985 Feb;(2):9-12 (Eng. Abstr.) (Rus)

[Ogilvie's syndrome after cesarean section] Zoldoš L. **Bratisl Lek Listy** 1985 Jul;84(1):77-82 (Eng. Abstr.) (Slo)

[Ileus as a complication of colorectal carcinoma] Pelikán A, et al. **Rozhl Chir** 1984 Jul;63(7):509-14 (Eng. Abstr.) (Slo)

[Chylangioma of the mesentery as a cause of volvulus of the small intestine] Ziman P, et al. **Rozhl Chir** 1985 Jun; 64(6):457-9 (Eng. Abstr.) (Slo)

[Postoperative obstructive abdominal complications in children] Costa Borrás E, et al. **An Esp Pediatr** 1985 Mar 31;22(4):293-8 (Eng. Abstr.) (Spa)

[Volvulus caused by massive intestinal ascariasis] Baeza-Herrera C, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):131-4 (Eng. Abstr.) (Spa)

[Intestinal pseudo-obstruction as a manifestation of hypothyroidism] Pol A, et al. **Rev Clin Esp** 1984 Sep 30; 174(6):267-8 (Spa)

[Bouveret syndrome] Cortina Montes MA, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):425-30 (Eng. Abstr.) (Spa)

[Idiopathic intestinal occlusion] Figueras Felip J, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):546-50 (Eng. Abstr.) (Spa)

[Paraduodenal hernia: report of 2 cases] Castillo O, et al. **Rev Med Chil** 1984 Oct;112(10):1026-9 (Eng. Abstr.) (Spa)

FAMILIAL & GENETIC

Familial visceral myopathy: the role of surgery. Shaw A, et al. **Am J Surg** 1985 Jul;150(1):102-8

METABOLISM

Familial meconium ileus with normal sweat electrolytes. Tal A, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):460-2

Bile acid metabolism in patients with non-strangulated intestinal obstruction. Ishiguro N, et al. **Jpn J Surg** 1984 Jul;14(4):278-85

MORTALITY

Cecal volvulus. Low mortality at a city hospital. Burke JB, et al. **Dis Colon Rectum** 1984 Nov;27(11):737-40

[Volvulus of the sigmoid colon] Olsen O, et al. **Ugeskr Laeger** 1984 Dec 17;146(51):4015-7 (Eng. Abstr.) (Dan)

OCCURRENCE

Volvulus of the colon. Incidence and mortality. Ballantyne GH, et al. **Ann Surg** 1985 Jul;202(1):83-92

Decreasing incidence of sigmoid volvulus at Baragwanath Hospital Johannesburg [letter] Segal I. **S Afr Med J** 1985 Mar 23;67(12):443

The effects of westernisation on sigmoid volvulus. Segal I. **Trop Gastroenterol** 1985 Jan-Mar;6(1):4-9

PATHOLOGY

Colonic pseudo-obstruction in surgical patients. Geelhoed GW. **Am J Surg** 1985 Feb;149(2):258-65

Chronic idiopathic intestinal pseudoobstruction. Coexistence of smooth muscle and neuronal abnormalities. Smout AJ, et al. **Dig Dis Sci** 1985 Mar;30(3):282-7

Intestinal pseudoobstruction caused by diffuse lymphoid infiltration of the small intestine. McDonald GB, et al. **Gastroenterology** 1985 Oct;89(4):882-9

Ischaemic changes in human mesenteric lymph nodes. Mahy NJ, et al. **J Pathol** 1984 Dec;144(4):257-67

Prenatal diagnosis of cystic fibrosis. II. Meconium ileus in affected fetuses. Muller F, et al. **Prenat Diagn** 1985 Mar-Apr;5(2):109-17

Hollow visceral myopathy in black South Africans. A report of 14 cases. Isaacson C, et al. **S Afr Med J** 1985 Jun 22; 67(25):1015-7

Metastatic squamous cell carcinoma from the esophagus occurring as small bowel obstruction. Wang M, et al. **South Med J** 1985 Jul;78(7):884-6

Ileo-colic volvulus. Branday JM, et al. **West Indian Med J** 1984 Jun;33(2):126-9

[Anatomico-clinical and therapeutic aspects of colonic volvulus concomitant with volvulus of the small intestine] Soare M, et al. **Rev Chir [Chir]** 1984 Nov-Dec;33(6):417-25 (Eng. Abstr.) (Rum)

PHYSIOPATHOLOGY

Motility changes associated with large bowel obstruction and its surgical relief. Fraser I. **Ann R Coll Surg Engl** 1984 Sep;66(5):321-6

Gastrointestinal myoelectric activity in fasting and nonfasting canine models of ileus. Brolin RE, et al. **Arch Surg** 1985 Apr;120(4):417-23

Regional blood flow and water content of the obstructed small intestine. Papanicolaou G, et al. **Arch Surg** 1985 Aug; 120(8):926-32

Changes in intestinal blood flow during the development of chronic large bowel obstruction. Coxon JE, et al. **Br J Surg** 1984 Oct;71(10):795-8

Acute colonic pseudo-obstruction: a possible role for the colocolonic reflex. Romeo DP, et al. **J Clin Gastroenterol** 1985 Jun;7(3):256-60

Gastrointestinal myoelectric activity in mechanical intestinal obstruction. Brolin RE, et al. **J Surg Res** 1985 May; 38(5):515-23

[Postoperative ileus: from whom to expect progress?] Couturier D, et al. **Gastroenterol Clin Biol** 1985 May; 9(5):409-11 (Fre)

[Oxygen supply of the human small intestine in mechanical ileus] Thermann M, et al. **Langenbecks Arch Chir** 1985; 363(3):179-84 (Eng. Abstr.) (Ger)

[Acute pseudo-obstruction of the colon (Ogilvie's syndrome). Internal medicine aspects] Ritschard T, et al. **Schweiz Med Wochenschr** 1985 May 4;115(18):614-9 (Eng. Abstr.) (Ger)

[Model for producing a reversible ileus state in conscious experimental animals] Gögler H. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):344-9 (Eng. Abstr.) (Ger)

[Electromyographical study of the intestinal movement in simple obstruction] Kawamura K. **Nippon Heikatsukin Gakkai Zasshi** 1983 Dec;19(6):441-53 (Eng. Abstr.) (Jpn)

PREVENTION & CONTROL

A new technique for mesenteric catheter plication for recurrent advanced obstruction of the small intestine. Trinidad Vazquez M, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):289-90

[Method of combined sympathetic blockade for preventing postoperative intestinal paralysis] Vasilev N, et al. **Khirurgiia (Sofiia)** 1985;38(2):75-9 (Eng. Abstr.) (Bul)

[Prevention and treatment of postoperative intestinal paralysis] Kovalev MM, et al. **Klin Khir** 1985 Apr;(4):18-20 (Eng. Abstr.) (Rus)

[Prevention of adhesive intestinal obstruction in children] Lukoianova GM. **Pediatriia** 1985 Jun;(6):68-9 (Rus)

[Prevention of motility disorders of the gastrointestinal tract after surgery on the organs of the abdominal cavity] Sandler SA. **Voen Med Zh** 1984 Nov;(11):51-3 (Rus)

RADIOGRAPHY

Volvulus of the transverse colon. Wolf EL, et al. **Am J Gastroenterol** 1984 Oct;79(10):797-8

Roentgenographic contrast studies in acute small-bowel obstruction. Dunn JT, et al. **Arch Surg** 1984 Nov; 119(11):1305-8

Volvulus of the caecum. Jones B, et al. **Br J Radiol** 1984 Sep;57(682):842-4

The threatened caecum in acute large-bowel obstruction. Kottler RE, et al. **Br J Radiol** 1984 Nov;57(683):989-90

Does a water soluble contrast enema assist in the management of acute large bowel obstruction: a prospective study of 117 cases. Stewart J, et al. **Br J Surg** 1984 Oct; 71(10):799-801

Inflammatory changes proximal to obstructing lesions in the small intestine. Quioque T, et al. **Gastrointest Radiol** 1985; 10(2):157-60

Oral metrizamide in pediatric ileus. Taets van Amerongen A, et al. **J Belge Radiol** 1984;67(5):313-6

CT diagnosis of closed loop obstruction. Balthazar EJ, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):953-5

The whirl sign: a CT finding in volvulus of the large bowel. Shaff MI, et al. **J Comput Assist Tomogr** 1985 Mar-Apr; 9(2):410

Intubation infusion method: reliability in diagnosis of mechanical partial small-bowel obstruction. Maglinte DD, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):372-7

Post-ischemic bowel obstruction in the low-birth-weight infant. Singleton EB. **Mt Sinai J Med (NY)** 1984 Jul-Aug; 51(4):465-6

Gallstone ileus. Kreel L. **Postgrad Med J** 1985 Jun; 61(716):511-2

Intramural gas in the small bowel followed by chronic obstruction. Waldron RP, et al. **Postgrad Med J** 1985 Jun; 61(716):537-8

[Volvulus of the cecum. Diagnosis and treatment] Håkansson T, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1115-7 (Eng. Abstr.) (Dan)

[Rare dislocation of an esophagus endoprosthesis in front of the ileocecal valve with deep small intestine ileus] Penschuck C, et al. **Chirurg** 1985 May;56(5):345-6 (Ger)

[Adhesive ileus in cecum mobile] Scheidt W, et al. **ROFO** 1985 Feb;142(2):230-2 (Ger)

[Results of 189 Visotrast studies in the differential diagnosis of acute intestinal obstruction] Reinbacher L, et al. **Zentralbl Chir** 1985;110(5):284-95 (Eng. Abstr.) (Ger)

[The use of metrizamide to examine the gastrointestinal tract in children. Preliminary report] Fukuda M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25; 44(8):1038-43 (Eng. Abstr.) (Jpn)

[Acute colonic pseudo-obstruction] Ohba S. **Rinsho Hoshasen** 1984 May;29(5):639-40 (Jpn)

[Strangulating obstruction of the small intestine] Benendo-Kapuścińska B. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):123-9 (Eng. Abstr.) (Pol)

[Differential diagnostic value of the peroral roentgenological contrast examination in intestinal obstruction] Ziubritskiĭ NM, et al. **Klin Khir** 1985 Apr;(4):16-7 (Eng. Abstr.) (Rus)

[Roentgen diagnosis of acute ileus] JovanovićB, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):919-24 (Eng. Abstr.) (Scc)

SURGERY

Patterns of treatment of gallstone ileus over a 45-year period. Kurtz RJ, et al. **Am J Gastroenterol** 1985 Feb;80(2):95-8

Endoscopic decompression in partial small bowel obstruction. Gowen GF. **Am J Surg** 1985 Feb;149(2):252-7

Management of obstructing carcinoma of the left colon by extended right hemicolectomy. Morgan WP, et al. **Am J Surg** 1985 Mar;149(3):327-9

Sigmoid volvulus in children. McCalla TH, et al. **Am Surg** 1985 Sep;51(9):514-9

Small bowel obstruction in the elderly. Zadeh BJ, et al. **Am Surg** 1985 Aug;51(8):470-3

Caecal volvulus: a method of management. Shearman CP, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):247-8

Chronic intestinal pseudo-obstruction. Management with total parenteral nutrition and a venting enterostomy. Pitt HA, et al. **Arch Surg** 1985 May;120(5):614-8

Volvulus of the splenic flexure of the colon in a child. Narasimharao KL, et al. **Aust NZ J Surg** 1984 Aug; 54(4):385-6

Malignant large bowel obstruction. Phillips RK, et al. **Br J Surg** 1985 Apr;72(4):296-302

Is laparotomy for small bowel obstruction justified in patients with previously treated malignancy? Walsh HP, et al. **Br J Surg** 1984 Dec;71(12):933-5

Prevention of colostomy in partial colonic obstruction by intraoperative rectal tube irrigation. Hardy TG Jr, et al. **Dis Colon Rectum** 1985 Feb;28(2):122-7

Volvulus of the splenic flexure of the colon. Welch GH, et al. **Dis Colon Rectum** 1985 Aug;28(8):592-3

Surgical treatment of intestinal occlusions in advanced ovarian carcinoma. Scarabelli C, et al. **Eur J Gynaecol Oncol** 1985;6(1):66-70

Botulism intoxication after surgery in the gut. Isacsohn M, et al. **Isr J Med Sci** 1985 Feb;21(2):150-3

Resection and immediate anastomosis in large bowel obstruction using a stapling technique. McMillan I, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):377-8

Laser photocoagulation in obstructing malignant tumours of the respiratory and gastrointestinal tracts. Thompson P, et al. **Med J Aust** 1985 May 13;142(10):545-6

Prophylactic antibiotics for elective colorectal surgery or operation for obstruction of the small bowel: a comparison of cefonicid and cefoxitin. Fabian TC, et al. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S896-900

Advantageous use of Salem sump nasogastric tube for intraoperative decompression of distended intestine. Gimmon Z. **Surg Gynecol Obstet** 1985 Jul;161(1):69-70

Operative treatment of cecal volvulus combining cecopexy with intestinal tube decompression. Ryan JA Jr, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):84-6

[Experience with intubation of the small intestine in advanced suppurative inflammations of the peritoneum in childhood] Hovorka F, et al. **Rozhl Chir** 1984 Nov;63(11):726-31 (Eng. Abstr.) **(Cze)**

[Biliary ileus] Hrubanová E. **Rozhl Chir** 1984 Dec; 63(12):814-8 (Eng. Abstr.) **(Cze)**

[Acute pseudoobstruction of the colon (Ogilvie syndrome)] Lausen M, et al. **Chirurg** 1985 Feb;56(2):109-13 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of ileus] Hamelmann H, et al. **Langenbecks Arch Chir** 1984;364:149-55 (Eng. Abstr.) **(Ger)**

[Surgical treatment of colonic ileus caused by stenosing colonic carcinoma] Schreiber HW, et al. **Langenbecks Arch Chir** 1985;365(1):1-2 **(Ger)**

[Current aspects of the surgical treatment of colonic ileus caused by stenosing colonic carcinoma] Wedell J, et al. **Langenbecks Arch Chir** 1985;365(1):3-18 (Eng. Abstr.) **(Ger)**

[Preoperative risk evaluation in juvenile ileus] Angerpointner TA, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):895-9 (Eng. Abstr.) **(Ger)**

[Anastomosis in emergency large intestine resections in the therapy of obstructing colonic cancer] Alderi G, et al. **Zentralbl Chir** 1985;110(2-3):112-9 (Eng. Abstr.) **(Ger)**

[Ileus in the aged] Düben W, et al. **Zentralbl Chir** 1984; 109(10):671-4 (Eng. Abstr.) **(Ger)**

[Treatment of occlusions caused by carcinoma of the left colon in the aged] Barbuscia M, et al. **Chir Ital** 1983 Aug; 35(4):526-34 (Eng. Abstr.) **(Ita)**

[Surgical treatment in acute occlusion of the large intestine caused by carcinoma] Del Cimmuto P, et al. **Chir Ital** 1983 Dec;35(6):916-32 (Eng. Abstr.) **(Ita)**

[Mesosigmoidoplasty in the treatment of volvulus of the sigmoid. Personal technic] Gullino D, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1709-11 (Eng. Abstr.) **(Ita)**

[Radiological evaluation of fecal diversion in loop colostomy in emergency surgery. Study of 45 cases] Fontes B, et al. **AMB** 1984 Sep-Oct;30(9-10):192-4 (Eng. Abstr.) **(Por)**

[Repeated surgery in uncorrected Ledd's syndrome in an adult] Blagitko EM, et al. **Khirurgiia (Mosk)** 1985 Feb; (2):63-4 (Eng. Abstr.) **(Rus)**

[Treatment of acute obstruction of the large intestine of cancerous etiology] Panchenkov RT, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):34-7 (Eng. Abstr.) **(Rus)**

[Surgical tactics in adhesive intestinal obstruction in children] Stepanov EA, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):56-62 (Eng. Abstr.) **(Rus)**

[Complex treatment of patients with functional disorders of the gastrointestinal tract in acute surgical diseases of the abdominal organs] Uteshev NS, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):137-41 **(Rus)**

[Emergency surgery in complications of cancer of the abdominal organs] Belyi IS, et al. **Klin Khir** 1985 Apr; (4):55-6 (Eng. Abstr.) **(Rus)**

[Rare complication of pneumoirrigoscopy] Litovka VK, et al. **Vestn Khir** 1984 Aug;133(8):109-10 **(Rus)**

[Subtotal colectomy in the treatment of intestinal obstruction in cancer of the left half of the colon] Pakhomova GV, et al. **Vestn Khir** 1985 May;134(5):58-62 (Eng. Abstr.) **(Rus)**

[Relaparotomy in the treatment of early postoperative complications] Tskhai VF. **Vestn Khir** 1985 Mar; 134(3):48-52 **(Rus)**

[Remote results of the treatment of patients with adhesions in the abdominal cavity] Zhenchevskii RA. **Vestn Khir** 1984 Nov;133(11):44-8 (Eng. Abstr.) **(Rus)**

THERAPY

Percutaneous decompression of the colon using CT guidance in Ogilvie syndrome. Crass JR, et al. **AJR** 1985 Mar; 144(3):475-6

The use of colonoscopy in the treatment of colonic volvulus: three cases and review of the literature. Orchard JL, et al. **Am J Gastroenterol** 1984 Nov;79(11):864-7

Conservative management of small bowel obstruction. Helmkamp BF, et al. **Am J Obstet Gynecol** 1985 Jul 15; 152(6 Pt 1):677-9

Water-soluble radiocontrast material in the treatment of postoperative ileus. Watkins DT, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):450-5

Use of the long tube in the management of patients with small-intestinal obstruction due to adhesions. Wolfson PJ, et al. **Arch Surg** 1985 Sep;120(9):1001-6

Reduction of cecal volvulus by multiple barium enemas. Schwab FJ, et al. **Gastrointest Radiol** 1985;10(2):185-7

Intestinal stomal dilatation. Rankin RN, et al. **J Can Assoc Radiol** 1984 Dec;35(4):372-4

Neonatal intestinal pseudoobstruction. Bagwell CE, et al. **J Pediatr Surg** 1984 Dec;19(6):732-9

Meconium ileus equivalent. Copeland G, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):325-6

The use of the World Health Organization's oral rehydration solution in patients on home parenteral nutrition. MacMahon RA. **JPEN** 1984 Nov-Dec;8(6):720-1

Successful management of chronic intestinal pseudo-obstruction with home parenteral nutrition. Warner E, et al. **JPEN** 1985 Mar-Apr;9(2):173-8

Carnitine balance and effects of intravenous L-carnitine in two patients receiving long-term total parenteral nutrition. Worthley LI, et al. **JPEN** 1984 Nov-Dec;8(6):717-9

Rapid long tube intubation of the jejunum--an improved technique. Kawamura R, et al. **Jpn J Surg** 1984 Jul; 14(4):299-304

Volvulus of sigmoid colon. Vasudevan S. **Trop Doct** 1985 Jul;15(3):144

[Conservative treatment of ileus caused by adhesions, with a Miller-Abbott tube. A retrospective study] Corfitsen MT, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1360-2 (Eng. Abstr.) **(Dan)**

[Endoscopic division of an obstructive intraluminal duodenal diverticulum] Bühler H, et al. **Dtsch Med Wochenschr** 1985 Apr 19;110(16):645-7 (Eng. Abstr.) **(Ger)**

[Intraluminal intubation of the small intestine for the therapy and prevention of adhesion ileus] Nitzsche L, et al. **Zentralbl Chir** 1984;109(10):694-8 **(Ger)**

[Clinical usefulness of celiac plexus block] Maruszyński M, et al. **Wiad Lek** 1984 Jun 15;37(12):925-7 (Eng. Abstr.) **(Pol)**

[Complex intensive therapy of postoperative paralytic ileus in obstetrical and gynecological patients] Rasstrigin NN, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):38-41 (Eng. Abstr.) **(Rus)**

[Health resort treatment of patients with the postcholecystectomy syndrome] Danilash MM, et al. **Vrach Delo** 1985 Feb;(2):6-9 **(Rus)**

VETERINARY

Base excess as a prognostic and diagnostic indicator in cows with abomasal volvulus or right displacement of the abomasum. Simpson DF, et al. **Am J Vet Res** 1985 Apr; 46(4):796-7

Pathologic changes associated with induced small intestinal strangulation obstruction and nonstrangulating infarction in horses. Sullins KE, et al. **Am J Vet Res** 1985 Apr; 46(4):913-6

Postpartum atony of the small and large intestine in a Holstein cow: a case of pseudo-obstruction. Baker JS, et al. **Cornell Vet** 1985 Apr;75(2):289-96

Intestinal decompression: preliminary study in the horse. Beroza GA, et al. **J Am Vet Med Assoc** 1985 Jun 15; 186(12):1304-9

Jejunal obstruction due to Baylisascaris procyonis in a raccoon. Carlson BL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1396-7

Ileal impaction in the horse. Embertson RM, et al. **J Am Vet Med Assoc** 1985 Mar 15;186(6):570-2

Vagus indigestion syndrome resulting from a liver abscess in dairy cows. Fubini SL, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1297-300

Intestinal strangulation associated with omphaloarteritis in a calf. Hylton WE, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1099

Paraovarian-omental bands as a cause of small intestinal obstruction in cows. Richardson DW. **J Am Vet Med Assoc** 1984 Sep 1;185(5):517-9

Colic and dyspnea in a dog. Farrow CS. **Mod Vet Pract** 1984 Oct;65(10):795-8

Experimental intestinal obstruction in cattle. Part II: Changes in blood, urine and rumen content chemistry. Papadopoulos P, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):276-88

Experimental intestinal obstruction in cattle. Part I: Changes in the clinical picture. Papadopoulos P, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):264-75

[Volvulus of the small intestine in the dog] Odendaal JS. **J S Afr Vet Assoc** 1984 Sep;55(3):123-4 (Eng. Abstr.) **(Afr)**

[Meckel's diverticulum as the cause of intestinal obstruction in the horse] Botz F, et al. **Tierarztl Prax** 1984;12(2):217-8 **(Ger)**

INTESTINAL PERFORATION

[Perforation of the rectum and sigmoid after electrocoagulation via a rectoscope] Svezhintsev AP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):135-6 **(Rus)**

[Spontaneous perforation of the duodenum in a newborn infant] Geryk B, et al. **Rozhl Chir** 1984 Nov;63(11):741-3 (Eng. Abstr.) **(Slo)**

CHEMICALLY INDUCED

Anti-inflammatory drugs and bowel perforations and haemorrhage [letter] **Br Med J [Clin Res]** 1985 Mar 9; 290(6470):787-8

Use of anti-inflammatory drugs by patients admitted with small or large bowel perforations and haemorrhage. Langman MJ, et al. **Br Med J [Clin Res]** 1985 Feb 2; 290(6465):347-9

Intestinal perforation associated with indomethacin treatment in premature infants. Kühl G, et al. **Eur J Pediatr** 1985 Jan;143(3):213-6

Localized intestinal perforations after enteral administration of indomethacin in premature infants. Alpan G, et al. **J Pediatr** 1985 Feb;106(2):277-81

What's new in Osmosin and intestinal perforation? Laidler P, et al. **Pathol Res Pract** 1985 Jul;180(1):74-6

COMPLICATIONS

Unusual extraperitoneal presentations of diverticulitis. Ravo B, et al. **Am J Gastroenterol** 1985 May;80(5):346-51

Foreign body urethral calculus 9 years after traumatic perforation of the rectum. Ahmed S, et al. **Br J Urol** 1985 Jun;57(3):359

Air in painful total hip arthroplasty: diagnosis and treatment. Bach BR Jr, et al. **Clin Orthop** 1985 Mar;(193):146-9

Anterior pararenal-space infection from colon and appendiceal perforation. McCort JJ. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):482-90

Perforation of the gastrointestinal tract and peritonitis in the neonate. Bell MJ. **Surg Gynecol Obstet** 1985 Jan;160(1):20-6

[Peritonitis caused by colonic perforation. Review of 34 cases observed during the last 4 years] Arsac M, et al. **Chirurgie** 1984;110(6-7):675-8 **(Fre)**

[Generalized peritonitis caused by perforation of diverticular sigmoiditis] Langlois P, et al. **Chirurgie** 1984;110(10):829-30 **(Fre)**

[Peritonitis caused by sigmoid diverticula. Initial therapeutic attitude] Olivier A, et al. **Chirurgie** 1984;110(6-7):672-4 **(Fre)**

[Peritonitis of colonic origin caused by diverticular perforation. Analysis of 33 cases] Richelme H, et al. **Chirurgie** 1984;110(10):831-3 **(Fre)**

[Peritonitis caused by sigmoid diverticular perforation] Rousseau B, et al. **Chirurgie** 1984;110(10):838-9 **(Fre)**

[Generalized peritonitis caused by perforation of a sigmoid diverticulitis. Retrospective study of 37 cases] Stoppa R, et al. **Chirurgie** 1984;110(6-7):668-9 **(Fre)**

[Stercoral peritonitis caused by sigmoid diverticula. Apropos of 29 cases] Testas P, et al. **Chirurgie** 1984;110(6-7):670-1 **(Fre)**

[Retroperitoneal, mediastinal and cervical emphysema as a complication to colonoscopy] Ling L. **Lakartidningen** 1985 Apr 10;82(15):1377 **(Swe)**

CONGENITAL

[Rare case of malformation of the small intestine in a child] Voroniuk GM, et al. **Pediatriia** 1984 Nov;(11):60 **(Rus)**

DIAGNOSIS

Synchronous perforation of the jejunum as presenting feature of Zollinger-Ellison syndrome. Lausten Thomsen HH, et al. **Acta Chir Scand** 1985;151(3):299-300

Perforated acquired diverticulum of the terminal ileum. Power B, et al. **Br J Clin Pract** 1985 Jul;39(7):296-7

Small bowel injury following blunt trauma. Braun BH, et al. **Pa Med** 1985 Mar;88(3):39-40

Childhood appendicitis: factors associated with perforation. Brender JD, et al. **Pediatrics** 1985 Aug;76(2):301-6

[Ultrasonic diagnosis of fetal ascites with polyhydramnios resulting from partial small intestine atresia and secondary intestinal wall perforation] Hatzmann W, et al. **Ultraschall Med** 1984 Aug;5(4):144-7 (Eng. Abstr.) **(Ger)**

[Operation-induced iatrogenic lesions of the colon and rectum--diagnostic and therapeutic principles and legal insurance aspects] Adam G, et al. **Zentralbl Chir** 1984; 109(19):1251-67 (Eng. Abstr.) **(Ger)**

[Ultrasonographic demonstration of appendicitis peritonitis with paralytic ileus] Takada T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1394-7 **(Jpn)**

DRUG THERAPY

Methylprednisolone sodium succinate (Solu-Medrol) in the treatment of typhoid perforation (a preliminary report). Ajao OG, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):573-6

ETIOLOGY

Perforation of the small intestine in early postlaparotomy course. Källén R, et al. **Acta Chir Scand** 1984;150(5):429-31

Nontraumatic perforation of the small intestine. Leijonmarck CE, et al. **Acta Chir Scand** 1984;150(5):405-11

Free perforation in Crohn's disease: I. A survey of 99 cases. Greenstein AJ, et al. **Am J Gastroenterol** 1985 Sep; 80(9):682-9 (129 ref.)

Delayed perforation of the cecum after diagnostic biopsy. Loggan M, et al. **Am J Gastroenterol** 1984 Dec;79(12):933-4

Colonic diverticulum perforation: report of two cases as a complication of coronary artery bypass (perforated diverticulum after coronary artery bypass). Mirvis S, et al. **Am J Gastroenterol** 1985 Jul;80(7):547-9

Pneumopylephlebitis and intramesocolic diverticular perforation. Jensen JA, et al. **Am J Surg** 1985 Aug; 150(2):284-7

Crohn's disease presenting as a perforated Meckel's diverticulum. Cameron-Strange A. **Aust NZ J Surg** 1984 Oct;54(5):489-90

Vascular occlusion in the pathogenesis of complicated amoebic colitis: evidence for an hypothesis. Luvuno FM, et al. **Br J Surg** 1985 Feb;72(2):123-7

Intestinal perforation associated with Yersinia enterocolitica infection. Browning GG, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1872

Perforation of intestinal duplication by enteroliths after trauma. Marks PV, et al. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1744

Delayed intestinal perforation after nonpenetrating abdominal trauma. Winton TL, et al. **Can J Surg** 1985 Sep;

28(5):437-9

Free perforation in Crohn's colitis. A ten-year review. Bundred NJ, et al. **Dis Colon Rectum** 1985 Jan;28(1):35-7

Perforated granulomatous colitis caused by Histoplasma capsulatum. Lee SH, et al. **Dis Colon Rectum** 1985 Mar; 28(3):171-6

Perforation of the colon by ingested chicken bone, leading to diagnosis of carcinoma of the sigmoid. Osler T, et al. **Dis Colon Rectum** 1985 Mar;28(3):177-9

Pneumatic perforation of the colon during colonoscopy. Is the hypermobile right colon a risk factor? Reeve T, et al. **Dis Colon Rectum** 1984 Nov;27(11):751-3

The effect of inadvertent intraoperative perforation on survival and recurrence in colorectal cancer. Slanetz CA Jr. **Dis Colon Rectum** 1984 Dec;27(12):792-7

Late jejunal perforation following blunt injury. Ross WB, et al. **Injury** 1985 Jul;16(7):481

Gastrointestinal tract involvement in Wegener's granulomatosis. Singh S, et al. **J Assoc Physicians India** 1985 Feb;33(2):180-1

Obstructive and perforative colonic carcinoma: patterns of failure. Willett C, et al. **J Clin Oncol** 1985 Mar;3(3):379-84

Intestinal perforation following enteral administration of indomethacin [letter] Marshall TA, et al. **J Pediatr** 1985 Sep;107(3):484-5

Small bowel perforation. Dixon JM, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):43-6

Typhoid enteric perforations. Kapoor VK, et al. **Jpn J Surg** 1985 May;15(3):205-8

Neonatal shigellosis with bowel perforation. Starke JR, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):405-7

Rectal extrusion of the catheter and air ventriculography following bowel perforation in ventriculo-peritoneal shunt. Aricó M, et al. **Pediatr Radiol** 1985;15(1):53-5

Increased risk of gastrointestinal perforations in neonates mechanically ventilated with either face mask or nasal prongs. Garland JS, et al. **Pediatrics** 1985 Sep;76(3):406-10

Tuberculous perforation of the small bowel. Aston NO, et al. **Postgrad Med J** 1985 Mar;61(713):251-2

An unusual complication of stenosis of a colostomy. Haiart DC. **Postgrad Med J** 1985 Jun;61(716):549-50

Jejunal perforation secondary to metastatic bronchogenic carcinoma. Quayle AR, et al. **Postgrad Med J** 1985 Feb; 61(712):165-5

Gallstone perforation of the ileum without obstruction [letter] Scrimgeour DS, et al. **Postgrad Med J** 1985 May; 61(715):471-2

Gallstone perforation of the ileum without obstruction. Shankar S, et al. **Postgrad Med J** 1984 Oct;60(708):696-7

Colon perforation following percutaneous nephrostomy and renal calculus removal. LeRoy AJ, et al. **Radiology** 1985 Apr;155(1):83-5

Intestinal perforation in typhoid fever: a historical and state-of-the-art review. Bitar R, et al. **Rev Infect Dis** 1985 Mar-Apr;7(2):257-71 (147 ref.)

Typhoid fever complicated by intestinal perforation: a persisting fatal disease requiring surgical management. Butler T, et al. **Rev Infect Dis** 1985 Mar-Apr;7(2):244-56 (76 ref.)

Duodenal penetration by a dacron graft after iliac-portal A/V shunt in a porta-caval shunt with hepatic arterialization. Elizondo J, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):137-9

Differences in pathogenesis, incidence and outcome of perforation in inflammatory bowel disease. Greenstein AJ, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):63-9

[Colonic diverticulitis with retroperitoneal perforation] Raskov HH, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3659 (Eng. Abstr.) **(Dan)**

[Diverticulosis of the small intestine with perforation] Vesth N, et al. **Ugeskr Laeger** 1985 May 27;147(22):1776-7 (Eng. Abstr.) **(Dan)**

[Free perforation of the colon in Crohn's disease] Cornet A, et al. **Acta Chir Belg** 1984 Nov-Dec;84(6):371-6 (Eng. Abstr.) **(Dut)**

[Traumatic rupture of the duodenum with multiple associated abdominal injuries] Rostan O, et al. **Helv Chir Acta** 1985 Jan;51(6):731-6 (Eng. Abstr.) **(Fre)**

[Open intraperitoneal perforation of the colon in Crohn's disease (letter)] Roseau E. **Presse Med** 1985 Jul 6; 14(27):1476 **(Fre)**

[Free perforation of the colon in Crohn disease] Duff C, et al. **Chirurg** 1985 Jun;56(6):411-3 **(Ger)**

[Traumatic duodenal rupture] Nöthiger F. **Helv Chir Acta** 1985 Jan;51(6):727-9 (Eng. Abstr.) **(Ger)**

[A rare complication of Crohn disease following contrast enema of the small bowel] Rapf C, et al. **ROFO** 1985 May; 142(5):583-4 **(Ger)**

[Rare complications of Meckel's diverticulum. Perforation and bezoar] Freitag P, et al. **Z Arztl Fortbild (Jena)** 1985; 79(5):215-6 **(Ger)**

[Intestinal injuries in rectosigmoidoscopy in expert opinion] Ludwig K, et al. **Zentralbl Chir** 1984;109(19):1268-72 (Eng. Abstr.) **(Ger)**

[Spontaneous perforation of the small intestine following cesarean section] Sittner S, et al. **Zentralbl Gynakol** 1985; 107(5):313-6 (Eng. Abstr.) **(Ger)**

[Bowel perforation complicating ventriculo-peritoneal shunt] Ginott N, et al. **Harefuah** 1984 Jul;107(1-2):11-3 (Eng. Abstr.) **(Heb)**

[Perforations in neoplasms of the colon] Dagradi V, et al. **Chir Ital** 1982 Dec;34(6):878-86 (Eng. Abstr.) **(Ita)**

[Perforation of the small intestine caused by closed abdominal injury (review of 16 surgically treated cases)] Lombardo C, et al. **Chir Ital** 1982 Jun;34(3):417-25 (Eng. Abstr.) **(Ita)**

[Jejunal perforation caused by non-absorbable suture material. Findings on a clinical case] Balli C, et al. **Minerva Chir** 1985 Jan 15-31;40(1-2):55-61 (Eng. Abstr.) **(Ita)**

[Hyperacute complications of hepato-colic amebiasis. Apropos of a case of cecal perforation] D'Elia F, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1751-5 (Eng. Abstr.) **(Ita)**

[Ileal perforation caused by metastasis of bronchogenic carcinoma] Nicolosi A, et al. **Minerva Chir** 1985 Apr 30; 40(8):567-70 (Eng. Abstr.) **(Ita)**

[Perforation of a jejunal diverticulum] Holstad E, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):427-8 (Eng. Abstr.) **(Nor)**

[Unusual location of an intrauterine contraceptive device] Wawryk R, et al. **Ginekol Pol** 1984 Jul;55(7):535-7 (Eng. Abstr.) **(Pol)**

[Foreign body in the mesenteric root after blunt abdominal injury] Kordacki J, et al. **Wiad Lek** 1984 Nov 15; 37(22):1798-801 (Eng. Abstr.) **(Pol)**

[Multiple perforations of the small intestine in cancer] Wojciechowski B, et al. **Wiad Lek** 1984 Jul 1; 37(13):1029-31 (Eng. Abstr.) **(Pol)**

[Perforation of a Crohn disease-affected segment of the ileum situated in an inguinal-scrotal hernia] Chmel' VB, et al. **Klin Khir** 1985 Feb;(2):48-9 **(Rus)**

[Perforation of Meckel's diverticulum with a pine needle] Gradusov EG, et al. **Pediatriia** 1984 Dec;(12):64 **(Rus)**

[Perforation of the intestine by bones] Vaigel' AM. **Vestn Khir** 1984 Aug;133(8):70-2 **(Rus)**

[Small intestinal leiomyosarcoma complicated by perforation] Khodorovskii VI, et al. **Vrach Delo** 1985 Apr;(4):85-6 **(Rus)**

[Typhic intestinal perforation and pregnancy] Vantman D, et al. **Rev Chil Obstet Ginecol** 1981;46(6):315-9 (Eng. Abstr.) **(Spa)**

[Intestinal perforation caused by a fish bone] Cia G, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):199-201 (Eng. Abstr.) **(Spa)**

[Pneumatic lesions of the colon] Pascual Montero JA, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):444-7 (Eng. Abstr.) **(Spa)**

[Postcesarean cecal perforation (apropos of 2 cases)] Trezza JS, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983; 41(2):33-6 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Perforation of the ileum in Yersinia enterocolitica infection. Moeller DD, et al. **Am J Gastroenterol** 1985 Jan;80(1):19-20

PATHOLOGY

Bowel perforation during initial treatment for childhood non-Hodgkin's lymphoma. Meyers PA, et al. **Cancer** 1985 Jul 15;56(2):259-61

[Appendiceal peritonitis in the early postoperative period after a Billroth II gastric resection] Deredzhian A, et al. **Khirurgiia (Sofiia)** 1984;37(4):317-8 **(Bul)**

[Stercoral wall necrosis and perforation of the colon] Casanova M, et al. **Chirurg** 1985 Mar;56(3):189-91 **(Ger)**

[Free cecum perforation with peritonitis as a rare complication of Crohn disease] Kreisköther E, et al. **Leber Magen Darm** 1985 May;15(3):121-4 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Clinical application of in vitro studies for barium-enema examination following colorectal biopsy. Harned RK, et al. **Radiology** 1985 Feb;154(2):319-21

[How early may endoscopy be performed in an anastomosis?] Rückauer K, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1349-50 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Intestinal perforations by tube feedings in small infants: clinical and experimental studies. McAlister WH, et al. **AJR** 1985 Oct;145(4):687-91

An analysis of bowel perforation in patients with intussusception. Blane CE, et al. **J Can Assoc Radiol** 1984 Jun;35(2):113-5

Jejunal perforation by a toothpick: CT demonstration. Strauss JE, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):812-4

Prenatal perforation of the extraperitoneal part of the rectum, associated with a developmental defect of the pelvic floor. Davies MR, et al. **Z Kinderchir** 1984 Aug;39(4):271-3

[Perinephric abscess radiologically mimicking dilated and perforated bowel] Hirano N, et al. **Rinsho Hoshasen** 1984 Aug;29(8):913-6 (Eng. Abstr.) **(Jpn)**

SURGERY

Nontraumatic perforations of the small intestine. Putzki H, et al. **Am J Surg** 1985 Mar;149(3):375-7

Stercoral perforation of the colon. Concepts of operative management. Guyton DP, et al. **Am Surg** 1985 Sep; 51(9):520-2

Surgical management of perforated colonic diverticulitis. Auguste L, et al. **Arch Surg** 1985 Apr;120(4):450-2

Perforated jejunal diverticula. Habib NA, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):431, 433

Typhoid enteric perforation [letter] Efem SE. **Br J Surg** 1985 Jun;72(6):500

The surgical management of typhoid perforation in children. Keenan JP, et al. **Br J Surg** 1984 Dec;71(12):928-9

Tube duodenostomy--a safe method for managing perforated duodenal diverticulum [letter] Zamir O, et al. **Can J Surg** 1984 Sep;27(5):421

Blunt trauma and delayed colon injury. Stahl KD, et al. **Curr Surg** 1985 Jan-Feb;42(1):4-9

Management of a subcutaneous colostomy perforation. The role of a new synthetic skin. Gomez ER, et al. **Dis Colon Rectum** 1984 Oct;27(10):651-3

Sigmoid diverticulitis with perforation and generalized peritonitis. Nagorney DM, et al. **Dis Colon Rectum** 1985 Feb;28(2):71-5

Typhoid bowel perforation: a review of 264 cases. Maurya SD, et al. **Int Surg** 1984 Apr-Jun;69(2):155-8

Surgical complications in Henoch-Schönlein Purpura. Martinez-Frontanilla LA, et al. **J Pediatr Surg** 1984 Aug; 19(4):434-6

Perforation of the intussuscipiens transverse colon: an unusual complication in infancy. Skouteli HN, et al. **Z Kinderchir** 1985 Apr;40(2):117-8

[Colonic perforations into the free peritoneum. Apropos of 58 cases] Milleret P, et al. **Chirurgie** 1984;110(8-9):790-1 **(Fre)**

[Peritonitis caused by colonic perforation into a free peritoneum] Vayre P, et al. **Chirurgie** 1984;110(4):455-7 **(Fre)**

[Rectal perforation by a retroperitoneal barium infiltration. Surgical therapy] Brandt W, et al. **Zentralbl Chir** 1984; 109(19):1273-6 **(Ger)**

[Perforation of Crohn disease in the free abdominal cavity] Riedler L, et al. **Zentralbl Chir** 1985;110(11):686-91 **(Ger)**

[Original operative technic in the surgical treatment of recto-sigmoid perforations (traumatic lesions, diverticular perforations, anastomotic dehiscences)] Lago TF, et al. **Chir Ital** 1984 Jun;36(3):306-13 (Eng. Abstr.) **(Ita)**

[Perforation of diverticula of the colon. Problems of surgical strategies] Balducci D, et al. **Minerva Dietol Gastroenterol** 1985 Jan-Mar;31(1):47-50 (Eng. Abstr.) **(Ita)**

[An operative case of hemosuccus pancreaticus] Kobayashi M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1412-5 **(Jpn)**

[Ano-rectal-colonic injuries. Considerations apropos of 10 cases] Mieli CA, et al. **AMB** 1984 May-Jun;30(5-6):131-4 (Eng. Abstr.) **(Por)**

VETERINARY

Lymphosarcoma with perforation of the ileum in a grizzly bear. Blancquaert AM, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1433-5

Cecal perforation in the horse. Ross MW, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):249-53

INTESTINAL POLYPS

ANALYSIS

Tissue CEA detection by immunoperoxidase (PAP) test in colorectal polyps: correlations with the degree of dysplasia. Amanti C, et al. **J Surg Oncol** 1985 Mar;28(3):222-6

CLASSIFICATION

[Terminology and classification problems in benign polyps of the large intestine] Aleksandrova A, et al. **Khirurgiia (Sofiia)** 1985;38(2):51-6 (20 ref.) **(Bul)**

COMPLICATIONS

Embryonal carcinoma of the testis associated with familial adenomatosis coli. Report of a case. Hisatomi K, et al. **Dis Colon Rectum** 1985 Mar;28(3):168-70

Polypoid lesions associated with diverticular disease of the sigmoid colon. Franzin G, et al. **Gastrointest Endosc** 1985 Jun;31(3):196-9

[Rare complication of Meckel's diverticulum] Apoian VT, et al. **Vestn Khir** 1985 Feb;134(2):61-2 **(Rus)**

CONGENITAL

[Unusual cause of intestinal invagination: congenital polypoid-form gastric heterotopia. Study of a case and review of the literature] Justrabo E, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):391-4 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

The benefits of systematic fiberoptic flexible sigmoidoscopy. Yarborough GW, et al. **Arch Intern Med** 1985 Jan; 145(1):95-6

Predictive value of rectal bleeding in screening for rectal and sigmoid polyps. Chapuis PH, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1546-8

Symposium on outpatient anorectal procedures. Flexible fiberoptic sigmoidoscopy: an office procedure. Smith LE. **Can J Surg** 1985 May;28(3):233-6

Recurrence rates for colorectal polyps. Neugut AI, et al.

Cancer 1985 Apr 1;55(7):1586-9

Does flexible sigmoidoscopy have any justification as compared with complete colonoscopy. An analysis of cost-effectiveness and medical risks. Aberg T, et al. **Endoscopy** 1985 Jul;17(4):133-6

Nodular lymphoid hyperplasia of the intestinal tract in infancy and childhood. Atwell JD, et al. **J Pediatr Surg** 1985 Feb;20(1):25-9

Relative sensitivity of the fecal occult blood test and flexible sigmoidoscopy in detecting polyps. Demers RY, et al. **Prev Med** 1985 Jan;14(1):55-62

[Polypoid processes of the colon and rectum] Ottenjann R. **Leber Magen Darm** 1983 Nov;13(6):251-3 (Eng. Abstr.) **(Ger)**

[Carcinoid tumor of the gastrointestinal tract. Study of a case of rare localization] Bayeli PF, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):405-16 (Eng. Abstr.) **(Ita)**

[Diagnosis and treatment of duodenal polyps] Saenko VF, et al. **Klin Khir** 1985 Feb;(2):29-30 (Eng. Abstr.) **(Rus)**

[Dispensarization of patients with neoplasms of the large intestine] Fedorov VD. **Sov Zdravookhr** 1984;(5):20-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Increased activities of thymidine kinase isozymes in human colon polyp and carcinoma. Sakamoto S, et al. **Carcinogenesis** 1985 Jun;6(6):917-9

[Quantitative analysis of tissue enzymes that diagnose malignant tendency of colon polyp] Takahashi T. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):86-93 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Adenomatous polyposis coli and multiple endocrine neoplasia type 2b. A pathogenetic relationship. Perkins JT, et al. **Cancer** 1985 Jan 15;55(2):375-81

Giant ileal inflammatory polyps in Crohn's disease. Corless JK, et al. **Gastrointest Endosc** 1984 Dec;30(6):352-4

[Recurring intestinal hemorrhages caused by salmonellosis and secondary colonic polyposis in an infant with Wiskott-Aldrich syndrome] Fiehring C, et al. **Padiatr Grenzgeb** 1985;24(3):237-43 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

Familial polyposis coli and associated lesions. Alm T. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):469-75

Rectal sparing in familial polyposis coli. Dick JA, et al. **Br J Surg** 1984 Sep;71(9):664

Adrenal adenomas and adrenal carcinomas in association with hereditary adenomatosis of the colon and rectum. Painter TA, et al. **Cancer** 1985 May 1;55(9):2001-4

Evaluation of chromosomal diagnosis for hereditary adenomatosis of the colorectum. Gardner EJ, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):321-34

Increased levels of spontaneous and mutagen-induced chromosome aberrations in skin fibroblasts from patients with adenomatosis of the colon and rectum. Heim S, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):333-46

Constitutional C-band pattern in patients with adenomatosis of the colon and rectum. Heim S, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):31-5

Cytogenetic and cytokinetic analysis of lymphocytes from patients with hereditary adenomatosis of the colon and rectum. Kasukawa T, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):73-9

Sister chromatid exchange with and without in vitro mutagen induction in cultured skin fibroblasts from patients with adenomatosis of the colon and rectum. Heim S. **Clin Genet** 1985 Jan;27(1):51-8

Nonfamilial Turcot's syndrome associated with Turner's syndrome, multiple carcinomas of the tongue, and cancer of the colon. Herrera-Ornelas L, et al. **J Surg Oncol** 1984 Dec;27(4):251-4

Dominant inheritance of adenomatous colonic polyps and colorectal cancer. Burt RW, et al. **N Engl J Med** 1985 Jun 13;312(24):1540-4

The spectrum of polyposis. Sener SF, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):525-32

[Genetics, diagnosis and surgical procedure in familial polyposis] Deredzhian A, et al. **Khirurgiia (Sofiia)** 1984;37(5):344-50 (Eng. Abstr.) **(Bul)**

[Diffuse intestinal polyposis and Gardner's syndrome. Apropos of a familial case involving 6 members of a family of 7] Series C, et al. **Rev Med Interne** 1985 Jan;6(1):55-7 **(Fre)**

[Familial adenomatosis coli--a precancerous condition] Knöpfle G, et al. **Klin Padiatr** 1985 May-Jun;197(3):239-44 (Eng. Abstr.) **(Ger)**

[Disseminated familial rectocolic adenomatous polyposis] Repetto L, et al. **Minerva Chir** 1984 Jun 15;39(11):875-82 (Eng. Abstr.) **(Ita)**

[Turcot's syndrome. Report of a case of familial diffuse polyposis associated with cerebral tumor] de Sanctis C, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):333-7 (Eng. Abstr.) **(Ita)**

[Diffuse familial polyposis of the large intestine] Rivkin VL, et al. **Klin Med (Mosk)** 1985 Feb;63(2):106-10 **(Rus)**

IMMUNOLOGY

Immunohistochemical demonstration of IgA and secretory component in relation to epithelial cell differentiation in normal colorectal mucosa and metaplastic polyp: a semiquantitative study. Jass JR, et al. **Histochem J** 1985 Mar;17(3):373-80

METABOLISM

Unscheduled DNA synthesis in mononuclear leukocytes from patients with colorectal polyps. Pero RW, et al. **Cancer Res** 1985 Jul;45(7):3388-91

MICROBIOLOGY

The association of Streptococcus bovis fecal carriage and colon neoplasia: possible relationship with polyps and their premalignant potential. Burns CA, et al. **Am J Gastroenterol** 1985 Jan;80(1):42-6

OCCURRENCE

Colorectal polyps in pattern makers [letter] Demers RY, et al. **Am J Gastroenterol** 1984 Oct;79(10):805

Spontaneous polyposis in the small intestine of germ-free and conventionalized BALB/c mice. Mizutani T, et al. **Cancer Lett** 1984 Nov;25(1):19-23

Prevalence of polyps in an autopsy series from areas with varying incidence of large-bowel cancer. Clark JC, et al. **Int J Cancer** 1985 Aug 15;36(2):179-86

Epidemiology of polyps in the rectum and sigmoid colon. Histological examination of resected polyps. Hoff G, et al. **Scand J Gastroenterol** 1985 Aug;20(6):677-83

[Gastric mucosal polyps--an irrelevant finding? Studies on the incidence and clinical significance] Wörmann B, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1753-6 (Eng. Abstr.) **(Ger)**

[Statistical evaluation of polyps of the large intestine] Guerrini S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):231-5 (Eng. Abstr.) **(Ita)**

[Neoplastic colonic polyps. Occurrence, therapeutic principles and control routines] Mosvold J, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):435-7 (Eng. Abstr.) **(Nor)**

[Polyps of the rectum and colon in children] Ramírez-Mayans JA, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):437-41 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Heterotopic gastric mucosa in the small intestine. Tsubone M, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1425-31

Duodenal schistosomiasis diagnosed by endoscopic biopsy of an isolated polyp. Thatcher BS, et al. **Am J Gastroenterol** 1984 Dec;79(12):927-9

Gastroduodenal polyps in familial polyposis coli. Bülow S, et al. **Dis Colon Rectum** 1985 Feb;28(2):90-3

Mucin abnormality of colonic mucosa in patients with familial polyposis coli. A new tool for early detection of the carrier? Muto T, et al. **Dis Colon Rectum** 1985 Mar;28(3):147-8

Fecal bile acid profiles of Japanese patients with adenomatous polyps of the large bowel: special reference to distribution, multiplicity, size and degree of dysplasia of the polyps. Tanida N, et al. **Gann** 1985 Feb;76(2):104-12

Diffuse lymphomatous polyposis of the gastrointestinal tract. A case report with immunohistochemical studies. Fernandes BJ, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1267-70

Epithelioid leiomyosarcoma originating in a hamartomatous polyp from a patient with Peutz-Jeghers syndrome. Patterson MJ, et al. **Gastroenterology** 1985 Apr;88(4):1060-4

Colorectal juvenile polyps: an epidemiological and histopathological study of 144 cases in Jordanians. Dajani YF, et al. **Histopathology** 1984 Sep;8(5):765-79

Polypoid lipohyperplasia of the ileocaecal valve in a young male [letter] Malik AK, et al. **Indian J Gastroenterol** 1985 Jan;4(1):54

Morphological range of hyperplastic polyps and carcinomas arising in hyperplastic polyps of the stomach. Hattori T. **J Clin Pathol** 1985 Jun;38(6):622-30

Mixed juvenile-adenomatous polyp of the rectum in an elderly patient. Berg HK, et al. **J Surg Oncol** 1985 May;29(1):40-2

The polyp story. Morson BC. **Postgrad Med J** 1984 Nov;60(709):820-4

Spontaneous polyposis in the small intestine of germfree and conventionalized BALB/C mice. Mizutani T, et al. **Prog Clin Biol Res** 1985;181:297-9

Hyperplasia or neoplasia. Macroscopic versus microscopic appearance of colorectal polyps. Kronborg O, et al. **Scand J Gastroenterol** 1985 May;20(4):512-5

[The polyp-cancer relationship in carcinoma of the large intestine] Mileterov L. **Khirurgiia (Sofiia)** 1984;37(6):495-9 **(Bul)**

[Pathologic anatomy of villous tumors] Orcel L, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):305-10 (Eng. Abstr.) **(Fre)**

[Glandulo-cystic fundus polyps associated with rectocolonic adenomatous polyposis (letter)] Rogier P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):191 **(Fre)**

[Complex recto-colic adenomatous and hamartomatous polyposis with hyperplastic gastric polyps in a 13-year-old girl] Weill-Bousson M, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):621-6 (Eng. Abstr.) **(Fre)**

[Solitary polypoid cavernous hemangioma in the jejunum] Göcke H, et al. **Leber Magen Darm** 1985 May;15(3):125-9 (Eng. Abstr.) **(Ger)**

[Pathologic anatomy of polypoid processes of the colon and rectum] Hermanek P, et al. **Leber Magen Darm** 1983 Nov;13(6):254-60 (Eng. Abstr.) **(Ger)**

[Colitis cystica profunda--contribution to the differential diagnosis of rectum cancer] Neumann H, et al. **Leber Magen Darm** 1985 May;15(3):112-6 (Eng. Abstr.) **(Ger)**

[Pathology of gastric mucosa polyps] Stamm B, et al. **Schweiz Med Wochenschr** 1985 Aug 17;115(33):1120-7 (Eng. Abstr.) **(Ger)**

[Course of atypical nodular sclerosing lymphogranulomatosis with intestinal polyposis in a 62-year-old female] Smolle KH, et al. **Wien Med Wochenschr** 1984 Sep 30;134(18):409-11 (Eng. Abstr.) **(Ger)**

[A case of oral florid papillomatosis combined with gastroduodenal polyposis] Sato H, et al. **Gan No Rinsho** 1985 May;31(5):563-8 (Eng. Abstr.) **(Jpn)**

[Binding of peanut agglutinin (PNA) and Dolichos biflorus agglutinin (DBA) to human colonic carcinomas, adenomas, and polyps: histochemical staining by the lectin-antilectin-PEP method] Yoshioka M, et al. **Gan No Rinsho** 1985 Jan;31(1):45-51 (Eng. Abstr.) **(Jpn)**

[Polyps of the terminal part of the colon and rectum. Endoscopic and histological study] Simić P, et al. **Srp Arh Celok Lek** 1983 Sep-Oct;111(9-10):1311-5 (Eng. Abstr.) **(Scc)**

[Intestinal polyp of infrequent localization: presentation of 2 cases] García Crespo JM, et al. **An Esp Pediatr** 1984 Dec;21(9):855-7 (Eng. Abstr.) **(Spa)**

[Adenoma of Brunner's glands. Clinical case] Marcos Sánchez F, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):121-2 **(Spa)**

PHYSIOPATHOLOGY

The esophagogastric polyp-fold complex. Van der Veer LD, et al. **Am J Gastroenterol** 1984 Dec;79(12):918-20

PREVENTION & CONTROL

[An epidemiological study on relationship between intake of dietary fiber and colonic diseases] Ohta M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):51-7 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Differential diagnosis of the bowler hat sign. Simms SM. **AJR** 1985 Mar;144(3):585-7

Erosive arthritis in Cronkhite-Canada syndrome. Sanders KM, et al. **Radiology** 1985 Aug;156(2):309-10

Preparation for barium enema: comparison of a commercial formula diet and low-residue, clear-liquid diets in inpatients. Scheurich JW, et al. **South Med J** 1985 Jul;78(7):838-40

[Double contrast irrigoscopy in the detection and differential diagnosis of polypoid lesions of the cecum] Kovács K, et al. **Orv Hetil** 1984 Oct 7;125(41):2491-7 (Eng. Abstr.) **(Hun)**

RADIOTHERAPY

Sphincter preservation in patients with low rectal cancer treated with radiation therapy with or without local excision or fulguration. Rich TA, et al. **Radiology** 1985 Aug;156(2):527-31

SURGERY

The current status of mucosal proctectomy and ileo-anal anastomosis in the surgical treatment of ulcerative colitis and adenomatous polyposis. Williams NS, et al. **Br J Surg** 1985 Mar;72(3):159-68 (155 ref.)

Endoscopic surgery in the rectum. Buess G, et al. **Endoscopy** 1985 Jan;17(1):31-5

Prognostic factors in colorectal carcinomas arising in adenomas: implications for lesions removed by endoscopic polypectomy. Haggitt RC, et al. **Gastroenterology** 1985 Aug;89(2):328-36

Hands off 'cancerous' large bowel polyps. Riddell RH. **Gastroenterology** 1985 Aug;89(2):432-5

Colectomy and endorectal ileal pull-through with lateral ileal reservoir for ulcerative colitis and polyposis in children. Fonkalsrud EW. **J Pediatr Surg** 1984 Oct;19(5):541-6

Continent ileostomy. Keller RJ, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):473-8

The ileoanal J pouch: radiographic evaluation. Hillard AE, et al. **Radiology** 1985 Jun;155(3):591-4

Colonic lipomas: clinical significance and management. McGrew W, et al. **South Med J** 1985 Jul;78(7):877-9

[A reservoir combined with mucosal proctectomy and ileo-anal anastomosis] Hansen LK. **Ugeskr Laeger** 1985 Mar 11;147(11):975-6 **(Dan)**

[Technic of the surgical excision of villous tumors] Edelmann G, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):311-4 (Eng. Abstr.) **(Fre)**

[Rectocolic villous tumors. Study of 69 cases] Fasano JJ. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):315-23 (Eng. Abstr.) **(Fre)**

[A system for a transanal endoscopic rectum operation] Buess G, et al. **Chirurg** 1984 Oct;55(10):677-80 **(Ger)**

[Varied importance of endoscopic polypectomy as prevention of cancer in the stomach and colon] Schütze K, et al. **Leber Magen Darm** 1984 Jan;14(1):31-3 (Eng. Abstr.) **(Ger)**

[Colonoscopic polypectomy. A low-risk form of therapy?] Werth B, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30; 73(44):1335-6 (Eng. Abstr.) **(Ger)**

[Local peranal treatment of early rectal cancer] Dewey P, et al. **Zentralbl Chir** 1985;110(2-3):137-41 (Eng. Abstr.) **(Ger)**

[Ileo-proctostomy with an EEA stapler. Proposal of a technic] Ferraro M, et al. **Minerva Chir** 1985 Jun 30; 40(12):863-5 (Eng. Abstr.) **(Ita)**

[The current state of endoscopic polypectomy of the large intestine] De Palma GD, et al. **Minerva Med** 1984 Oct 20; 75(40):2351-5 (Eng. Abstr.) **(Ita)**

[A case of Cronkhite-Canada syndrome with improvement of hypoproteinemia following gastroileocolectomy] Uchida J, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct; 73(10):1490-6 **(Jpn)**

[Method of resecting large polyps of the rectum and distal portion of the sigmoid colon] Baranchikov VI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):106-9 **(Rus)**

[Perforation of the rectum and sigmoid after electrocoagulation via a rectoscope] Svezhintsev AP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):135-6 **(Rus)**

[Treatment of multiple primary tumors of the large intestine] Linchenko IF, et al. **Klin Khir** 1985 Feb;(2):33-6 (Eng. Abstr.) **(Rus)**

[Surgical results in patients with multiple polyps of the large intestine] Fedorov VD, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):106-10 (Eng. Abstr.) **(Rus)**

[Surgical tactics in small polyps in patients with polyposis of the large intestine] Fedorov VD, et al. **Vestn Khir** 1984 Aug;133(8):42-5 (Eng. Abstr.) **(Rus)**

[Current significance of polypectomy of the upper gastrointestinal tract] Landoni NA, et al. **Acta Gastroenterol Latinoam** 1984;14(4):303-13 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Nuclear changes in colo-rectal epithelium with special reference to nuclear inclusions in carcinoma, dysplasia, adenoma and Peutz-Jeghers polyps. Sato E, et al. **Tohoku J Exp Med** 1985 May;146(1):9-16

VETERINARY

[Intestinal polyps in small ruminants with chronic coccidiosis] Tontis A, et al. **Schweiz Arch Tierheilkd** 1985 Jun; 127(6):401-5 (Eng. Abstr.) **(Ger)**

INTESTINAL PSEUDO-OBSTRUCTION, IDIOPATHIC see under **INTESTINAL OBSTRUCTION**

INTESTINAL SECRETIONS

see related
GASTROINTESTINAL HORMONES

ANALYSIS

Inhibition of pancreatic exocrine secretion and bile entry into the duodenum by isometheptene, a sympathomimetic agent. Gullo L, et al. **Dig Dis Sci** 1985 Feb;30(2):114-8

Effect of caerulein on total and ionized calcium secretion in the duodenal juice of man. Pfeiffer A, et al. **Digestion** 1984;30(4):242-50

Comparison between the bacterial and oligosaccharide content of ileostomy effluent in subjects taking diets rich in refined or unrefined carbohydrate. Berghouse L, et al. **Gut** 1984 Oct;25(10):1071-7

Collection of duodenal bile in infants and children by the string test. Rosenthal P. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):284-5

Short-chain fatty acids in the proximal gastrointestinal tract of healthy subjects. Høverstad T, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1053-8

[Roentgenographic study of glycoproteins isolated from the duodenal juice of dogs] Vazina AA, et al. **Dokl Akad Nauk SSSR** 1985;281(4):975-8 **(Rus)**

[X-ray diffraction study of the floccular structures in the endogenous dense phase of chyme] Vazina AA, et al. **Dokl Akad Nauk SSSR** 1984;278(5):1240-2 **(Rus)**

DRUG EFFECTS

Phosphate intestinal secretion and absorption by isolated ileal loop: effects of cholecalciferol and diet phosphate. Pereira R, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(4):419-26

Effect of virus-induced destruction of villous epithelium on intestinal secretion induced by heat-stable Escherichia coli enterotoxins and prostaglandin E1 in swine. Whipp SC, et al. **Am J Vet Res** 1985 Mar;46(3):637-42

Nufenoxole, a new antidiarrhoeal agent, inhibits fluid secretion in the human jejunum. Moriarty KJ, et al. **Gut** 1985 Jan;26(1):75-80

Choice of anesthetic for intestinal absorption and secretion experiments using rats. Coupar IM. **J Pharmacol Methods** 1985 Jul;13(4):331-8

The involvement of calcium in the intestinal response to secretagogues in the rat. Hardcastle J, et al. **J Physiol (Lond)** 1984 Oct;355:465-78

[Motility inhibitors and secretion inhibitors] Ruppin H. **Schweiz Med Wochenschr [Suppl]** 1984;17:23-8 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Investigations about influence of the content of plant crude protein in the ration on the utilization of urea in dairy cattle. 6. Digestive enzymes and their interactions in contents of proximal small intestine. Baintner K, et al. **Arch Tierernahr** 1984 Jul;34(7):496-504

Fluorometric microassay of trypsin and enteropeptidase in children--comparison with a titrimetic assay. Mitchell JD, et al. **Aust Paediatr J** 1984 Nov;20(4):313-6

[Postsecretory change in pancreatic juice trypsinogen in the duodenum. III. Enterokinase-modification of its assay method and its physiological significance] Ishihara Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1380-8 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Effects of intestinal contents from normal and immunized mice on sporozoites of Eimeria falciformis. Douglass TG, et al. **J Protozool** 1985 Feb;32(1):156-63

Relationship of histamine in tissues and antiparasitic substances in gastrointestinal mucus to the development of resistance to trichostrongyle infections in young sheep. Douch PG, et al. **Vet Parasitol** 1984 Nov;16(3-4):273-88

[Local immune response in stomach and duodenal juice in various chronic dermatoses] Somos S, et al. **Dermatol Monatsschr** 1984;170(5):311-6 (Eng. Abstr.) **(Ger)**

[Lysozyme activity and immunoglobulin level in the duodenal contents of preschool children with chronic gastroduodenitis] Sazanova NE, et al. **Pediatriia** 1984 Jul; (7):17-20 (Eng. Abstr.) **(Rus)**

METABOLISM

Investigation of drug absorption from the gastrointestinal tract of man. IV. Influence of food and digestive secretions on metoprolol jejunal absorption. Evard D, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:119S-125S

Calcium ionophore activity of intestinal secretory compounds. An in vitro porcine model for the effects of bile acids, hydroxy-fatty acids and dioctyl sulfosuccinate. Maenz DD, et al. **Digestion** 1984;30(3):138-50

The mechanism of degradation of cyclo(-Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba-) and the relative stabilities of this and other octapeptide somatostatin analogues in rat intestinal juice. Allen M, et al. **Regul Pept** 1984 Dec;10(1):29-35

The role of luminal pH in production of gastrin cell hyperplasia in the rat. Mulholland MW, et al. **Surgery** 1985 Mar;97(3):308-15

[Endogenous nitrogen metabolism in 15N-labeled swine. 3. Endogenous excretion of 15N- and 14C-labeled secretions following a 14C-leucine injection] Bergner U, et al. **Arch Tierernahr** 1984 Sep;34(9):593-605 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Normal cultivable microflora in upper jejunal fluid in children without gastrointestinal disorders. Justesen T, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):683-6

[Transmissible gastroenteritis of swine: stability of coronavirus in gastric and intestinal contents] Aynaud JM, et al. **Ann Rech Vet** 1984;15(3):359-64 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

[Role of adrenergic structures in regulating the release by the intestines of hemocoagulating compounds into the blood stream] Golyshenkov SP, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):265-6 (Eng. Abstr.) **(Rus)**

SECRETION

Mechanisms underlying the intestinal fluid secretion evoked by nociceptive serosal stimulation of the rat. Brunsson I, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):439-45

INTESTINE, LARGE

Endoscopic findings in a case of Kaposi's sarcoma with involvement of the large and small bowel. Ell C, et al. **Endoscopy** 1985 Jul;17(4):161-4

Prevalence of polyps in an autopsy series from areas with varying incidence of large-bowel cancer. Clark JC, et al. **Int J Cancer** 1985 Aug 15;36(2):179-86

Malignant change in fistula-in-ano. Feeley TM, et al. **Ir Med J** 1984 Oct;77(10):326

Large bowel preparation for colonoscopic examination; which method? Dilawari JB, et al. **Trop Gastroenterol** 1984 Jul-Sep;5(3):139-41

The ultrastructural immunohistochemistry of oncofoetal antigens in large bowel carcinomas. Haynes WD, et al. **Virchows Arch [A]** 1985;405(2):263-75

[Terminology and classification problems in benign polyps of the large intestine] Aleksandrova A, et al. **Khirurgiia (Sofiia)** 1985;38(2):51-6 (20 ref.) **(Bul)**

[Genetics, diagnosis and surgical procedure in familial polyposis] Deredzhian A, et al. **Khirurgiia (Sofiia)** 1984; 37(5):344-50 (Eng. Abstr.) **(Bul)**

[The polyp-cancer relationship in carcinoma of the large intestine] Mileterov L. **Khirurgiia (Sofiia)** 1984;37(6):495-9 **(Bul)**

[Orthograde preparation of the large intestine] Charvát T. **Rozhl Chir** 1984 Dec;63(12):823-5 (Eng. Abstr.) **(Cze)**

[Statistical evaluation of polyps of the large intestine] Guerrini S, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):231-5 (Eng. Abstr.) **(Ita)**

[Cytotoxic action of thiophosphamide on human tumor cells] Korman DB, et al. **Farmakol Toksikol** 1984 Sep-Oct; 47(5):70-4 (Eng. Abstr.) **(Rus)**

[Complicated forms of cancer of the large intestine] Zinevich VP, et al. **Klin Khir** 1985 May;(5):34-6 (Eng. Abstr.) **(Rus)**

[Surgical results in patients with multiple polyps of the large intestine] Fedorov VD, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):106-10 (Eng. Abstr.) **(Rus)**

[Preoperative preparation in the surgical treatment of cancer of the large intestine] Knysh VI, et al. **Klin Med (Mosk)** 1985 Jan;63(1):146-9 **(Rus)**

[Cancer morbidity of the large intestine and its prognosis in the Moldavian SSR] Khonelidze GB, et al. **Vopr Onkol** 1985;31(6):86-90 (Eng. Abstr.) **(Rus)**

[Pneumatosis cystoides intestinalis simulating a tumor of the large intestine (1 case)] Potashov LV, et al. **Vopr Onkol** 1985;31(6):110-1 **(Rus)**

[Adjuvant chemotherapy following radical operations for cancer of the large intestine] Prorokov VV, et al. **Vopr Onkol** 1985;31(5):10-4 (31 ref.) **(Rus)**

[Colonoscopic polypectomy in the diagnosis of potentially malignant tumors of the large intestine] Batovsky M, et al. **Bratisl Lek Listy** 1985 Jan;83(1):41-5 (Eng. Abstr.) **(Slo)**

ABNORMALITIES

Covered exstrophy and visceral sequestration: a rare exstrophic variant. Narasimharao KL, et al. **J Urol** 1985 Feb;133(2):274-5

[Clinico-roentgenological data on congenital developmental disorders of the large intestine] Gudim-Levkovich VV, et al. **Vrach Delo** 1985 Feb;(2):16-20 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Changes in intestinal blood flow during the development of chronic large bowel obstruction. Coxon JE, et al. **Br J Surg** 1984 Oct;71(10):795-8

Large bowel infarction and ergometrine: a possible relationship. Sheehan SJ, et al. **Ir J Med Sci** 1985 May; 154(5):201-2

Experimental elimination of various intestinal segments by means of devascularization (devitalization). Fortyn K, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(1):34-41

[Small and large intestine devascularization (devitalization) and potentials in the therapeutic use of this operative method] Fortyn K, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):42-50 (Eng. Abstr.) **(Ger)**

CYTOLOGY

Mast cell heterogeneity in man. I. Histologic studies of the intestine. Befus D, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):232-6

Oxidized p-phenylenediamine staining of epoxy resin sections. Stockert JC, et al. **Z Naturforsch [C]** 1984 Jul-Aug;39(7-8):835-6

[Morphological studies on the lymphatics of the large intestines--with special reference to their distribution and the electron microscopic structure of the intramural lymphatics] Hirashima T. **Igaku Kenkyu** 1984 Feb; 54(1):28-46 (Eng. Abstr.) **(Jpn)**

[Kinetic characteristics of the normal enterocyte population and in carcinogenesis] Melikiants AG, et al. **Tsitologiia** 1984 Jul;26(7):826-32 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of oral dioctyl sodium sulfosuccinate on intake-output studies of human small and large intestine. Chapman RW, et al. **Gastroenterology** 1985 Sep;89(3):489-93

ENZYMOLOGY

Mucin sialidase in the rat large intestine. Corfield AP, et al. **Biochem Soc Trans** 1984 Aug;12(4):605-7

Maturation of sucrase-isomaltase complex in human fetal small and large intestine during gestation. Triadou N, et al. **Pediatr Res** 1985 Jan;19(1):136-8

Intestinal disaccharidases activities in growing rats as influenced by raw legume diets. Aletor VA, et al. **Z Gesamte Hyg** 1984 Nov;30(11):668-71

[Enzyme activity of large intestine mucosa in non-specific ulcerative colitis] Iukhvidova ZhM, et al. **Sov Med** 1984; (11):38-43 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

[Immunomorphological study of

1,2-dimethylhydrazine-induced carcinomas of the large intestine in rats using monoclonal antibodies to intermediate filament proteins] Krutovskikh VA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):240-1 (Eng. Abstr.) **(Rus)**

[Immunomorphological evaluation of intestinal function in periodic disease patients] Mamikonian RS, et al. **Ter Arkh** 1984;56(10):44-7 (Eng. Abstr.) **(Rus)**

INJURIES

Intraoperative consultation for the intestine. Lavery IC. **Urol Clin North Am** 1985 Aug;12(3):477-86

INNERVATION

[External inputs of the metasympathetic ganglia of the large intestine and bladder] Nozdrachev AD. **Fiziol Zh SSSR** 1985 Apr;71(4):401-12 (46 ref.) **(Rus)**

METABOLISM

Consequence of colonic involvement on electrolyte and acid-base homeostasis in Crohn's disease. Caprilli R, et al. **Am J Gastroenterol** 1985 Jul;80(7):509-12

Effect of lactation on cholesterol synthesis in rats. Feingold KR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G203-8

Absorption of electrolytes and volatile fatty acids in the hind-gut of the rabbit. Circadian rhythm of hind-gut electrolytes and plasma aldosterone. Vernay M, et al. **Br J Nutr** 1984 Sep;52(2):419-28

Reversal of net secretion to net absorption of potassium in rat large intestine by dietary potassium depletion. Scharrer E. **Experientia** 1985 Jun 15;41(6):728-30

Acetate absorption and metabolism in the rabbit hindgut. Marty JF, et al. **Gut** 1985 Jun;26(6):562-9

MICROBIOLOGY

The flora of the large intestine of Bufo regularis (Egyptian toad). Abdel-Monem MH. **J Egypt Soc Parasitol** 1984 Dec;14(2):515-23

Murine monoclonal anti-DNA autoantibodies bind to endogenous bacteria. Carroll P, et al. **J Immunol** 1985 Aug;135(2):1086-90

Observations by light microscopy and transmission electronmicroscopy on intestinal spirochaetosis in baboons (Papio spp.). Pearson GR, et al. **J Med Microbiol** 1985 Jun;19(3):359-66

Effect of bile acids on formation of the mutagen, quercetin, from two flavonol glycoside precursors by human gut bacterial preparations. Mader JA, et al. **Mutat Res** 1985 Mar;155(3):99-104

Some studies of the bacterial flora associated with the mucosa of the human gastrointestinal tract. Peach SL, et al. **Nahrung** 1984;28(6-7):627-34

[The metabolic processes of intestinal flora] Haenel H, et al. **Nahrung** 1984;28(6-7):647-57 (Eng. Abstr.) **(Ger)**

[Quantitative and qualitative changes in opportunistic intestinal microflora in humans during long-term hypokinesia] Polikarpov NA, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):81-3 **(Rus)**

PARASITOLOGY

The site distribution of adult strongyle parasites in the large intestines of horses in tropical Australia. Mfitilodze MW, et al. **Int J Parasitol** 1985 Jun;15(3):313-9

PATHOLOGY

Large intestinal carcinogenesis. III. Studies in low-incidence (Japanese) patients. Shamsuddin AM, et al. **JNCI** 1984 Dec;73(6):1307-10

Relationships between clinical data and histology of the large bowel in Crohn's disease and ulcerative colitis. Schmitz-Moormann P, et al. **Pathol Annu** 1985;20 Pt 1:281-301

PHYSIOPATHOLOGY

Constipation, dietary fibre and the control of large bowel function. Cummings JH. **Postgrad Med J** 1984 Nov;60(709):811-9 (60 ref.)

[Function of distal sections of the large intestine when interrupted] Tupikova AP, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):56-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

RBE and clinical response in radiotherapy with neutron beams. Ellis F, et al. **Br J Radiol** 1984 Sep;57(682):817-22

RADIOGRAPHY

The threatened caecum in acute large-bowel obstruction. Kottler RE, et al. **Br J Radiol** 1984 Nov;57(683):989-90

Does a water soluble contrast enema assist in the management of acute large bowel obstruction: a prospective study of 117 cases. Stewart J, et al. **Br J Surg** 1984 Oct;71(10):799-801

[Clinical value of contrast enema in surgical practice] Bielecki K. **Wiad Lek** 1985 Feb 15;38(4):283-5 (Eng. Abstr.) **(Pol)**

SECRETION

Relationships between chloride and potassium secretion across large intestine. Frizzell RA, et al. **KROC Found Ser** 1984;17:35-46

SURGERY

Use of a single layer extramucosal suture for intestinal anastomosis in children. Brain AJ, et al. **Br J Surg** 1985 Jun;72(6):483-4

Malignant large bowel obstruction. Phillips RK, et al. **Br J Surg** 1985 Apr;72(4):296-302

The long-term results of excisional surgery for primary and recurrent Crohn's disease of the large intestine. Goligher JC. **Dis Colon Rectum** 1985 Jan;28(1):51-5

Reconstruction of the lower urinary tract: observations on bowel dynamics and the artificial urinary sphincter. Light JK, et al. **J Urol** 1985 Apr;133(4):594-7

Proximal decompression by tube appendicostomy with pull through procedures in pediatric operations. Guttman FM. **Surg Gynecol Obstet** 1985 Feb;160(2):168-70

[Prevention of serious anaerobic infections] Závadová M, et al. **Rozhl Chir** 1984 Sep;63(8-9):616-22 (Eng. Abstr.) **(Cze)**

[Suture dehiscence of the large intestine: is the surgeon a risk factor?] Beickert R, et al. **Chirurg** 1984 Oct;55(10):645-9 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of large intestine endometriosis] Hörl M, et al. **Chirurg** 1984 Oct;55(10):653-6 (Eng. Abstr.) **(Ger)**

[Orthograde bowel irrigation using Ringer's lactate solution (letter)] Schock D, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1824 **(Ger)**

[The current state of endoscopic polypectomy of the large intestine] De Palma GD, et al. **Minerva Med** 1984 Oct 20;75(40):2351-5 (Eng. Abstr.) **(Ita)**

[Treatment of patients with incompletely formed intestinal fistulas] Vitsyn BA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):129-33 **(Rus)**

[Current methods of diagnosing and determining the level for resection of the large intestine in megacolon in children] Shumov ND, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):43-6 (Eng. Abstr.) **(Rus)**

[Apparatus for applying an intestinal anastomosis in children undergoing Swenson's operation] Shapkina AP, et al. **Vestn Khir** 1984 Sep;133(9):130-1 **(Rus)**

ULTRASTRUCTURE

Microdissection by ultrasonication: porosity of the intestinal epithelial basal lamina. McClugage SG, et al. **Am J Anat** 1984 Oct;171(2):207-16

INTESTINE, SMALL

Nontraumatic perforation of the small intestine. Leijonmarck CE, et al. **Acta Chir Scand** 1984;150(5):405-11

Foreign body in the small intestine diagnosed as coeliac disease. Nøkleby HM, et al. **Acta Paediatr Scand** 1985 Jul;74(4):609-10

Intestinal obstruction caused by ingestion of a Heidelberg capsule: report of a case. Faegenburg D, et al. **Am J Gastroenterol** 1985 Oct;80(10):787-9

Small bowel obstruction secondary to a prior Moschcowitz procedure. Dicke JM. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):887-8

Small bowel obstruction in the elderly. Zadeh BJ, et al. **Am Surg** 1985 Aug;51(8):470-3

Motility of the small intestine after proctocolectomy and ileal pouch-anal anastomosis. Stryker SJ, et al. **Ann Surg** 1985 Mar;201(3):351-6

Roentgenographic contrast studies in acute small-bowel obstruction. Dunn JT, et al. **Arch Surg** 1984 Nov;119(11):1305-8

Use of the long tube in the management of patients with small-intestinal obstruction due to adhesions. Wolfson PJ, et al. **Arch Surg** 1985 Sep;120(9):1001-6

Use of anti-inflammatory drugs by patients admitted with small or large bowel perforations and haemorrhage. Langman MJ, et al. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):347-9

Spontaneous polyposis in the small intestine of germ-free and conventionalized BALB/c mice. Mizutani T, et al. **Cancer Lett** 1984 Nov;25(1):19-23

Stem cell carcinoma in the small intestine of mice treated transplacentally with N-ethyl-N-nitrosourea: some quantitative and histological aspects. Oomen LC, et al. **Cancer Lett** 1984 Nov;25(1):71-9

Small intestinal obstruction after appendectomy: an avoidable complication? Arnbjörnsson E. **Curr Surg** 1984 Sep-Oct;41(5):354-7

Endoscopic findings in a case of Kaposi's sarcoma with involvement of the large and small bowel. Ell C, et al. **Endoscopy** 1985 Jul;17(4):161-4

Small bowel obstruction following diagnostic laparoscopy. Sauer M, et al. **Fertil Steril** 1984 Oct;42(4):653-4

Hodgkin's primary lymphoma of the small intestine. Monco A, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):568-71

Primary neoplasms of the small bowel. Swaroop DV, et al. **Indian J Gastroenterol** 1985 Jul;4(3):171-3

Fracture and herniation of bowel at bone graft donor site in the iliac crest. Ubhi CS, et al. **Injury** 1984 Nov;16(3):202-3

Lipomatosis of the ileocecal valve causing recurrent small bowel obstruction. Shah IC, et al. **Int Surg** 1985 Jan-Mar;70(1):81-2

Chronic intestinal obstruction caused by a true enterolith: report of a case. Flynn J, et al. **J Am Osteopath Assoc** 1984 Nov;84(3):292-5

Vaginal evisceration of the small intestine in three mares. Tulleners EP, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):385-7

Management of bleeding angiodysplasia of the upper small intestine. Weaver GA, et al. **J Clin Gastroenterol** 1985 Apr;7(2):145-51

Hydrops fetalis associated with midgut volvulus. Nogami W, et al. **J Pediatr Surg** 1985 Apr;20(2):177-8

Small bowel perforation. Dixon JM, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):43-6

Spontaneous rupture of the rectum with prolapse of small intestine through the anus. Pettit SH. **J R Coll Surg Edinb** 1984 Nov;29(6):386-7

Volvulus neonatorum in the ninth decade. Barker P. **J R Nav Med Serv** 1984 Winter;70(3):166-7

Phenoxy and picolinic acid herbicides and small-intestinal adenocarcinoma in sheep. Newell KW, et al. **Lancet** 1984 Dec 8;2(8415):1301-5

Survival of dietary antigens in the digestive tract of calves intolerant to soybean products. Sissons JW, et al. **Res Vet Sci** 1984 Sep;37(2):242-6

Small bowel adenocarcinoma: report of three cases and review of literature. Haq MM, et al. **Tex Med** 1985 Mar;81(3):51-4 (25 ref.)

An unusual mixed bezoar in a child. Anatol T. **West Indian Med J** 1984 Jun;33(2):123-5

[Acute cholelithic mechanical ileus of the small intestine] Apostolov N, et al. **Khirurgiia (Sofiia)** 1984;37(6):489-95 (Eng. Abstr.) **(Bul)**

[Genetics, diagnosis and surgical procedure in familial polyposis] Deredzhian A, et al. **Khirurgiia (Sofiia)** 1984;37(5):344-50 (Eng. Abstr.) **(Bul)**

[Small intestine perfusion. The authors' own method for the simultaneous performance of biopsy and perfusion of the human small intestine] Stoinov S, et al. **Vutr Boles** 1985;24(3):23-8 (Eng. Abstr.) **(Bul)**

[Volvulus in pregnancy] Košťál M, et al. **Cesk Gynekol** 1984 Jul;49(6):434-6 **(Cze)**

[Experience with intubation of the small intestine in advanced suppurative inflammations of the peritoneum in childhood] Hovorka F, et al. **Rozhl Chir** 1984 Nov;63(11):726-31 (Eng. Abstr.) **(Cze)**

[Conservative treatment of ileus caused by adhesions, with a Miller-Abbott tube. A retrospective study] Corfitsen MT, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1360-2 (Eng. Abstr.) **(Dan)**

[Neurilemmoma of the small intestine] Knudsen JT, et al. **Ugeskr Laeger** 1985 Mar 4;147(10):864 (Eng. Abstr.) **(Dan)**

[Persistent foreign body of the small intestine] Sørensen SM, et al. **Ugeskr Laeger** 1985 Jun 17;147(25):2002 (Eng. Abstr.) **(Dan)**

[A new complication of duodenal diverticulum: occlusion of the small intestine by a bezoar] Mercier V, et al. **Ann Chir** 1984 Dec;38(9):691-2 (Eng. Abstr.) **(Fre)**

[Eosinophilic granuloma of the small intestine, colon and rectum] Fingerhut A. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):347-8, 350, 352 passim (41 ref.) (Eng. Abstr.) **(Fre)**

[Leiomyosarcoma of the small intestine. Apropos of 3 cases] Bahnini A, et al. **J Chir (Paris)** 1985 Apr;122(4):215-20 (Eng. Abstr.) **(Fre)**

[Small intestine ileus after consuming figs [letter] Pfaff G, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):562-3 **(Ger)**

[Tumors of the small intestine--diagnosis, therapy and prognosis] Feil W, et al. **Langenbecks Arch Chir** 1985;365(1):25-35 (Eng. Abstr.) **(Ger)**

[Sonographic detection of a wood splinter in the small intestine--a case report] Czermak H, et al. **Ultraschall Med** 1984 Aug;5(4):164-6 (Eng. Abstr.) **(Ger)**

[Primary malignant tumors of the small intestine. A review with demonstration of a case] Giebler A, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):105-7 (Eng. Abstr.) **(Ger)**

[Tumors of the small intestine] Dellavalle E, et al. **Minerva Chir** 1985 Jun 30;40(12):855-61 (Eng. Abstr.) **(Ita)**

[Two cases of resection of small intestine with metastatic lesion of bronchogenic carcinoma after pulmonary resection] Koike T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):242-6 (Eng. Abstr.) **(Jpn)**

[Multiple diverticulosis of the small intestine with liver cyst] Shimotsuma N, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):606-10 **(Jpn)**

[Advances in endoscopy of the small intestine] Ono T, et al. **Nippon Rinsho** 1984 Oct;42(10):2351-5 **(Jpn)**

[Anatomico-clinical and therapeutic aspects of colonic volvulus concomitant with volvulus of the small intestine] Soare M, et al. **Rev Chir [Chir]** 1984 Nov-Dec;33(6):417-25 (Eng. Abstr.) **(Rum)**

[Multiple lymphosarcoma of the small intestine as the cause of profuse intestinal hemorrhage] Iakovenko LV, et al. **Klin Khir** 1985 May;(5):55 **(Rus)**

[Hemangioma of the small intestine simulating iron-deficiency anemia] Podil'chak MD, et al. **Klin Khir** 1985 May;(5):56 **(Rus)**

[The abdominal syndrome and surgical complications in Schoenlein-Henoch disease in children] Akzhigitov GN, et al. **Sov Med** 1985;(2):66-70 **(Rus)**

[Profuse internal bleeding as a complication of a myoma of the small intestine] Shidlovskiĭ VA, et al. **Vopr Onkol** 1985; 31(8):90 **(Rus)**

[Nitrogen balance of children with fistulae of the small intestine kept on a diet with a protein enteral feeding formula] Klichev BM, et al. **Vopr Pitan** 1985 May-Jun;(3):21-3 (Eng. Abstr.) **(Rus)**

[Chylangioma of the mesentery as a cause of volvulus of the small intestine] Zıman P, et al. **Rozhl Chir** 1985 Jun; 64(6):457-9 (Eng. Abstr.) **(Slo)**

ABNORMALITIES

Small bowel atresia, biliary atresia, and Alagille's syndrome [letter] Ford WD, et al. **J Pediatr Surg** 1984 Dec;19(6):891

Obstetrical and neonatological aspects of a child with atresia of the small bowel. Bergmans MG, et al. **J Perinat Med** 1984;12(6):325-32

A congenital diverticulum of the small intestine; Meckel's diverticulum or duplication? Van Twisk R. **Neth J Surg** 1984 Aug;36(4):107-11

[Ultrasonic diagnosis of fetal ascites with polyhydramnios resulting from partial small intestine atresia and secondary intestinal wall perforation] Hatzmann W, et al. **Ultraschall Med** 1984 Aug;5(4):144-7 (Eng. Abstr.) **(Ger)**

[Intestinal rotation and fixation abnormalities in children] Knudtzon J, et al. **Tidsskr Nor Laegeforen** 1985 May 20; 105(14):969-72 (Eng. Abstr.) **(Nor)**

[Rare case of malformation of the small intestine in a child] Voroniuk GM, et al. **Pediatriia** 1984 Nov;(11):60 **(Rus)**

ANALYSIS

Biochemical characterization of the component parts of intestinal mucin from patients with cystic fibrosis. Mantle M, et al. **Biochem J** 1984 Dec 1;224(2):345-54

Purification and characterization of goblet-cell mucin of high Mr from the small intestine of sheep. Mukkur TK, et al. **Biochem J** 1985 Jul 15;229(2):419-28

Relative contribution of Peyer's patches to intestinal DNA content and tritiated thymidine content of the mouse small intestine. Goodlad RA, et al. **Digestion** 1984;30(4):251-4

Autoradiographic localisation of opiate receptors in rat small intestine. Dashwood MR, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):267-9

Isolation and characterization of neuropeptide Y from porcine intestine. Tatemoto K, et al. **FEBS Lett** 1985 Jan 1;179(1):181-4

Ultrastructural localization of motilin in endocrine cells of human and dog intestine by the immunogold technique. Usellini L, et al. **Histochemistry** 1984;81(4):363-8

Measurement and chromatographic characterization of vasoactive intestinal peptide from guinea-pig enteric nerves. Murphy R, et al. **J Chromatogr** 1984 Dec 7; 336(1):41-50

Effect of Giardia lamblia infection on the intestinal cyclic AMP level in mice. Ganguly NK, et al. **J Diarrhoeal Dis Res** 1984 Jun;2(2):69-72

Rat immunoreactive cholecystokinin (CCK): characterization using two chromatographic techniques. Bacarese-Hamilton AJ, et al. **Regul Pept** 1985 Jun;11(2):149-58

Characterization of two novel forms of cholecystokinin isolated from bovine upper intestine. Carlquist M, et al. **Regul Pept** 1985 May;11(1):27-34

[Small intestine-derived hepatic regenerating factor] Okabe K. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):338 **(Jpn)**

[Postmortem changes in the thiamine content of the brain, liver and small intestine wall] Novoselov VP, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):14-6 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Structure of the musculature of the chicken small intestine. Gabella G. **Anat Embryol (Berl)** 1985;171(2):139-49

BLOOD SUPPLY

Effects of isoflurane on vascular tone and circulatory autoregulation in the feline small intestine. Ostman M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):389-94

Mucosal lesions of the small intestine after intestinal vascular obstruction in the rat. Haglind E, et al. **Acta Chir Scand** 1985;151(2):147-50

The importance of nervous and humoral factors in the control of vascular resistance, blood flow distribution and net fluid absorption in the cat small intestine during hemorrhage. Redfors S, et al. **Acta Physiol Scand** 1984 Aug; 121(4):305-15

Diffuse intestinal arteriovenous malformation. Velasquez G, et al. **AJR** 1984 Dec;143(6):1339-40

Characterization of segmental collateral blood flow in the small intestine. Bulkley GB, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 1):G228-35

Reduced vascular sensitivity to norepinephrine in portal-hypertensive rats. Kiel JW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G192-5

Differences in reactive hyperemia between the intestinal mucosa and muscularis. Shepherd AP, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G617-22

Pathologic changes associated with induced small intestinal strangulation obstruction and nonstrangulating infarction in horses. Sullins KE, et al. **Am J Vet Res** 1985 Apr; 46(4):913-6

Influence of fentanyl and morphine on intestinal circulation. Tverskoy M, et al. **Anesth Analg** 1985 Jun;64(6):577-84

Regional blood flow and water content of the obstructed small intestine. Papanicolaou G, et al. **Arch Surg** 1985 Aug; 120(8):926-32

Evaluation of laser Doppler flowmetry in the assessment of intestinal blood flow in cat. Ahn H, et al. **Gastroenterology** 1985 Apr;88(4):951-7

Relationship of blood flow and oxygen consumption to ischemic injury in the canine small intestine. Bulkley GB, et al. **Gastroenterology** 1985 Oct;89(4):852-7

Soybean trypsin inhibitor attenuates ischemic injury to the feline small intestine. Parks DA, et al. **Gastroenterology** 1985 Jul;89(1):6-12

Laser Doppler velocimetry: a new technique for the measurement of intestinal mucosal blood flow. Feld AD, et al. **Gastrointest Endosc** 1984 Aug;30(4):225-30

Metabolic changes in small bowel ischaemia. Hickey-Dwyer M, et al. **Ir J Med Sci** 1984 Jul;153(7):233-7

Evaluation of fluorescein dye as an indicator of small intestinal viability in the horse. Sullins KE, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):257-61

Small intestinal angiodysplasia in the elderly. Duray PH, et al. **J Clin Gastroenterol** 1984 Aug;6(4):311-9

Superoxide: a critical oxygen-free radical in ischemic bowel injury. Dunn SP, et al. **J Pediatr Surg** 1984 Dec;19(6):740-4

Hypertrophy of arteriolar smooth muscle cells in the rat small intestine during maturation. Miller BG, et al. **Microvasc Res** 1985 Jan;29(1):56-69

Mechanism of action of cholecystokinin on intestinal blood flow; interactions with opioid peptides and vasoactive intestinal peptide. Rozsa Z, et al. **Neuropeptides** 1985 Mar; 6(1):71-81

Small bowel capillary dilatation in portal hypertension. Gallagher C, et al. **Postgrad Med J** 1985 Jun;61(716):541-3

Oxidative tissue damage following regional intestinal ischemia and reperfusion in the cat. Younes M, et al. **Res Exp Med (Berl)** 1984;184(4):259-64

The microvasculature of the small-intestinal mucosa of the rat: quantification of hemodynamic effects of topically applied cimetidine, ranitidine, somatostatin, and vasopressin. Neff M, et al. **Scand J Gastroenterol [Suppl]** 1985;112:6-11

Experimental elimination of various intestinal segments by means of devascularization (devitalization). Fortýn K, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985; 18(1):34-41

[Peroperative endoscopy of the small intestine in recurring hemorrhage due to angiodysplasia] Spičák J, et al. **Sb Lek** 1984 Jun;86(5-6):171-5 (Eng. Abstr.) **(Cze)**

[Ischemic stenosis of the small intestine after surgery of the abdominal aorta. 2 cases] Faure JL, et al. **Chirurgie** 1984; 110(4):430-4 (Eng. Abstr.) **(Fre)**

[Recurrent digestive hemorrhage: diagnosis by peroperative total endoscopy of the small intestine (letter)] Andréani T, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):540-1 (Eng. Abstr.) **(Fre)**

[Small and large intestine devascularization (devitalization) and potentials in the therapeutic use of this operative method] Fortýn K, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):42-50 (Eng. Abstr.) **(Ger)**

[A case of ischemic stricture of the small intestine associated with Buerger's disease] Ohtaka H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2588-93 **(Jpn)**

[Reaction of mesenteric microcirculation during functional hyperemia of the intestine] Pawlik WW, et al. **Folia Med Cracov** 1984;25(1-2):29-41 (Eng. Abstr.) **(Pol)**

[Ultrastructure of neurons of the myenteric plexus in the normal cat and after temporary circulatory interruption] Liubaev VA, et al. **Arkh Anat Gistol Embriol** 1984 Aug; 87(8):22-32 (Eng. Abstr.) **(Rus)**

[Dependence of the changes in the resistance and blood capacitance of the intestinal vessels on their initial state and force of the humoral stimulus] Gikavyĭ VI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):11-7 (Eng. Abstr.) **(Rus)**

[Functiono-morphological changes in the cardiovascular system in acute occlusion and after revascularization of the cranial mesenteric artery] Volkoedov VS, et al. **Kardiologiia** 1984 Jul;24(7):87-91 (Eng. Abstr.) **(Rus)**

[Acute disorders of mesenteric circulation] Mikhaĭlichenko VA. **Sov Med** 1984;(9):75-7 **(Rus)**

[Systemic hemodynamics and regional microcirculation in diffuse peritonitis] Eriukhin IA, et al. **Vestn Khir** 1985 Feb; 134(2):41-6 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Interaction of Leu-enkephalin with isolated enterocytes from guinea pig: binding to specific receptors and stimulation of cAMP accumulation. Lopez-Ruiz MP, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):404-11

Mg^{2+}-ATP-dependent sodium transport in inside-out basolateral plasma membrane vesicles from guinea-pig small intestinal epithelial cells. Del Castillo JR, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):402-12

Na^+-stimulated ATPase activities in basolateral plasma membranes from guinea-pig small intestinal epithelial cells. Del Castillo JR, et al. **Biochim Biophys Acta** 1985 Jan 25; 812(2):413-22

Effects of 1,2-dimethylhydrazine on the number of epithelial cells present in the villi, crypts, and mitotic pool along the rat small intestine. Altmann GG, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5522-31

Mesenteric lymphoblast localization throughout the murine small intestine: temporal analysis relating intestinal length and lymphoblast division. McDermott MR, et al. **Cell Tissue Kinet** 1985 Sep;18(5):505-19

Use of a mouse chimaeric model to study cell migration patterns in the small intestinal epithelium. Wilson TJ, et al. **Cell Tissue Kinet** 1985 May;18(3):333-44

Cytoskeletal control of alanine transport across the rat and turtle small intestine. Nassar CF, et al. **Comp Biochem Physiol [A]** 1984;79(1):161-4

Small intestinal chromaffin cells and carcinoid tumours: a study with silver stains, formalin-induced fluorescence and monoclonal antibodies to serotonin. Lundqvist M, et al. **Histochem J** 1984 Dec;16(12):1247-56

Intestinal mucosal mast cells: isolation from rat lamina propria and purification using unit gravity velocity sedimentation. Lee TD, et al. **Immunology** 1985 Aug; 55(4):721-8

Mast cell heterogeneity in man. I. Histologic studies of the intestine. Befus D, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):232-6

Active calcium sequestration by intestinal microsomes. Stimulation by increased calcium load. Rubinoff MJ, et al. **J Biol Chem** 1985 Jul 5;260(13):7824-8

Crypt cell development in newborn rat small intestine. Quaroni A. **J Cell Biol** 1985 May;100(5):1601-10

Clonal analysis of intestinal crypt populations in mouse aggregation chimaeras. Schmidt GH, et al. **J Embryol Exp Morphol** 1985 Feb;85:121-30

The response of gut-associated T lymphocytes to intestinal viral immunization. Issekutz TB. **J Immunol** 1984 Dec; 133(6):2955-60

Microvillus membrane differentiation: quantitative difference in cholera toxin binding to the intestinal surface of newborn and adult rabbits. Bresson JL, et al. **Pediatr Res** 1984 Oct; 18(10):984-7

Cell-specific immunohistochemical localization of a cellular retinol-binding protein (type two) in the small intestine of rat. Crow JA, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4707-11

Isolation and function of mucosal lymphocytes in the mouse. Dillon SB, et al. **Prog Clin Biol Res** 1985;181:381-5

Clonogenic, stem and carcinogen-target cells in small intestine. Potten CS. **Scand J Gastroenterol [Suppl]** 1984; 104:3-14

[Morphometric functional study of the small intestine in the aged subject. II. Morphometric study of lymphocyte infiltrates] Londei M, et al. **G Clin Med** 1984 Nov-Dec; 65(11-12):467-70 (Eng. Abstr.) **(Ita)**

[Comparative histochemical study of insulinocytes and Paneth cells] Toroptsev IV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):65-7 (Eng. Abstr.) **(Rus)**

[Role of goblet enterocytes in the intestinal excretion of calcium] Bauman VK, et al. **Tsitologiia** 1984 Nov; 26(11):1273-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Long-term effect of somatostatin 14 on mouse stomach, antrum, intestine and exocrine pancreas. Senegas-Balas F, et al. **Acta Anat (Basel)** 1985;121(2):124-32

Ulceration of the small intestine due to slow-release potassium chloride tablets. Leijonmarck CE, et al. **Acta Chir Scand** 1985;151(3):273-8

Paraquat effect on the bioelectric parameters of the rabbit small intestine and its in vitro penetration. Czyżewska K, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):107-13

Effects of sulfodeoxycholate on rat and rabbit small intestine. Ammon HV, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G485-93

Interaction of cholera toxin and Escherichia coli enterotoxin with isolated intestinal epithelial cells. Hyun CS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G623-31

Calcium-dependence of sugar transport in rat small intestine. Ilundain A, et al. **Biochim Biophys Acta** 1985 Aug 8; 818(1):67-72

Colchicine-induced tubular, vesicular and cisternal organelle aggregates in absorptive cells of the small intestine of the rat. I. Morphology and phosphatase cytochemistry. Ellinger A, et al. **Biol Cell** 1984;52(1 Pt A):43-52

Effect of dietary supplements of guar gum and cellulose on intestinal cell proliferation, enzyme levels and sugar transport in the rat. Johnson IT, et al. **Br J Nutr** 1984 Nov;52(3):477-87

Mutagenic activity in the stomach and small intestine of rats after oral administration of nitrosated beef extract. Münzner R, et al. **Cancer Lett** 1984 Dec;25(2):225-30

Effect of somatostatin on small intestine enzyme activities in rat and chick. Taboada C, et al. **Comp Biochem Physiol [A]** 1985;80(1):49-51

Mu, but not kappa, opioid agonists induce contractions of the canine small intestine ex vivo. Hirning LD, et al.

Eur J Pharmacol 1985 Feb 12;109(1):49-54

Carcinogenic effects of 3-di(hydroxymethyl)-amino-6-(5-nitro-2-furylethenyl)-1, in the small intestine of Ishibashi and Wistar rats. Takahashi M, et al. **Exp Pathol** 1984;26(4):213-9

Cytochrome P450 of small intestinal epithelial cells. Immunochemical characterization of the increase in cytochrome P450 caused by phenobarbital. Bonkovsky HL, et al. **Gastroenterology** 1985 Feb;88(2):458-67

Effect of oral dioctyl sodium sulfosuccinate on intake-output studies of human small and large intestine. Chapman RW, et al. **Gastroenterology** 1985 Sep;89(3):489-93

Somatostatin induces ectopic activity fronts of the migrating motor complex via a local intestinal mechanism. Hostein J, et al. **Gastroenterology** 1984 Nov;87(5):1004-8

Effect of cholinergic agonists on muscle from rodent proximal and distal small intestine. Nowak TV, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1118-25

Isoproterenol induces activity fronts in fed dogs through somatostatin release. Summers RW, et al. **Gastroenterology** 1984 Nov;87(5):999-1003

Dose- and time-dependent biphasic response to morphine on intestinal migrating myoelectric complex. Sarna SK, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):814-20

Enhancement of small intestine function by gastrin. Schwartz MZ, et al. **J Surg Res** 1985 Jun;38(6):613-7

Intestinal lymphoid tissue changes in the cortisone-treated Wistar rat. Carpen E, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):115-7

Substance P action on phosphoinositides in guinea-pig intestinal muscle: a possible transduction mechanism? Holzer P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):50-5

The enteric nervous system participates in the secretory response to the heat stable enterotoxins of Escherichia coli in rats and cats. Eklund S, et al. **Neuroscience** 1985 Feb;14(2):673-81

Bursal, intestinal, and spleen weights and antibody response of chicks fed subtherapeutic levels of dietary antibiotics. Dafwang II, et al. **Poult Sci** 1985 Apr;64(4):634-9

Somatostatin inhibits bombesin-induced effects on migrating myoelectric complexes in the small intestine of the rat. Al-Saffar A. **Regul Pept** 1984 Sep;9(1-2):11-9

Drugs, hormones, integrity and structure of the small bowel and pancreas. Proceedings of an international workshop. Bern, Switzerland, 24 October 1984. **Scand J Gastroenterol [Suppl]** 1985;112:1-118

Influence of 16,16-dimethyl prostaglandin E2 on morphology and brush border enzymes of small-bowel mucosa. Differences in reactivity between adult and suckling rats. Baumgartner A, et al. **Scand J Gastroenterol [Suppl]** 1985;112:41-4

Glucagon and small-bowel mucosa. Riecken EO, et al. **Scand J Gastroenterol [Suppl]** 1985;112:30-40

[Comparative studies of the effect of mithramycin and calcitonin on small intestine and pancreas function in the rat] Heuer LJ, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):45-9 (Eng. Abstr.) **(Ger)**

[High adrenaline sensitivity of the mitochondrial processes in the mucosa of the small intestine in rats] Babskii AM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):286-8 (Eng. Abstr.) **(Rus)**

[Effect of serotonin, adrenaline and histamine on the mucosal metabolism of the small intestine in white rats] Semik LI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):53-9 (Eng. Abstr.) **(Rus)**

[Effect of somatostatin on the myoelectrical activity of the stomach and small intestine in conscious dogs and rabbits] Ovsiannikov VI, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):213-20 (Eng. Abstr.) **(Rus)**

[Changes in the cytoskeleton and surface charge as a possible cause of the increased mechanical binding between enterocytes in the small intestine epithelium induced by 1,2-dimethylhydrazine] Matveev VV, et al. **Tsitologiia** 1984 Sep;26(9):1030-6 (Eng. Abstr.) **(Rus)**

[The effect of vincristine on the morpho-functional state of the rat small intestine] Brodskii RA, et al. **Vopr Onkol** 1984;30(8):95-101 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Effect of dexamethasone on the fetal mouse small intestine in organ culture. Beaulieu JF, et al. **Anat Rec** 1984 Sep;210(1):61-71

Perinatal development of the small intestine and pancreas in rat and spiny mouse. Its relation to altricial and precocial timing of birth. Lamers WH, et al. **Biol Neonate** 1985;47(3):153-62

Intestine-like remodeling of adult mouse glandular stomach by implanting of fetal intestinal mesenchyme. Sakagami Y, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5845-9

Permissive effect of glutamine on the differentiation of fetal mouse small intestine in organ culture. Beaulieu JF, et al. **Differentiation** 1985;29(1):50-5

Vasoactive intestinal peptide receptor activity in human fetal enterocytes. Gespach C, et al. **FEBS Lett** 1985 Jan 28;180(2):196-202

Explant culture of human fetal small intestine. Ménard D, et al. **Gastroenterology** 1985 Mar;88(3):691-700

Structural and biochemical differentiation of the mammalian small intestine during foetal development. Bailey DS, et al. **J Cell Sci** 1984 Dec;72:195-212

Development of sucrase in the chick small intestine. Matsushita S. **J Exp Zool** 1985 Mar;233(3):377-83

Influence of glucocorticoids on prenatal development of the gut and pancreas in rats. Majumdar AP, et al. **Scand J Gastroenterol** 1985 Jan;20(1):65-71

ENZYMOLOGY

Polyamines and intestinal growth: absolute requirement for ODC activity in adaptation during lactation. Yang P, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G553-7

New approach to the metabolism of hydrogenated starch hydrolysate: hydrolysis by the maltase/glucoamylase complex of the rat intestinal mucosa. Rosiers C, et al. **Ann Nutr Metab** 1985;29(2):76-82

Ontogeny of enzymes in the small intestine. Henning SJ. **Annu Rev Physiol** 1985;47:231-45 (93 ref.)

Rat intestinal peroxidase: inhibition by endogenous xanthine and xanthine oxidase. Kimura S, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):141-8

Adenylate cyclase from rabbit small intestine: activation by cholera toxin and interaction with calcium. Lazo PS, et al. **Arch Biochem Biophys** 1985 Jun;239(2):587-94

Investigations about influence of the content of plant crude protein in the ration on the utilization of urea in dairy cattle. 6. Digestive enzymes and their interactions in contents of proximal small intestine. Baintner K, et al. **Arch Tierernahr** 1984 Jul;34(7):496-504

Separation of enkephalin-degrading enzymes from longitudinal muscle layer of bovine small intestine. Enzyme inhibition by arphamenine A. Hazato T, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3179-83

Lysosomal enzymes in the intestine of the newborn lamb. Healy PJ. **Biol Neonate** 1984;46(4):186-91

Comparative characterization of some enterocytic brush border membrane enzymes in mammals and fish. Egorova VV, et al. **Comp Biochem Physiol [B]** 1985;80(4):871-81

Actinomycin D and cycloheximide actions on activity of some intestinal enzymes of adult hamster. Andrés MD, et al. **Comp Biochem Physiol [C]** 1985;81(2):401-4

Effect of 1-desoxynojirimycin derivatives on small intestinal disaccharidase activities and on active transport in vitro. Lembcke B, et al. **Digestion** 1985;31(2-3):120-7

The activation of adenylate cyclase from small intestinal epithelium by cholera toxin. Domínguez P, et al. **Eur J Biochem** 1985 Feb 1;146(3):533-8

Purification and characterization of two aminopeptidases from guinea-pig small-intestinal mucosa. Cavian intestinal tripeptide hydrolases. Morgan JG, et al. **Eur J Biochem** 1985 Jan 15;146(2):429-35

Immuno-electronmicroscopical localization of a microvillus membrane disaccharidase in the human small-intestinal epithelium with monoclonal antibodies. Fransen JA, et al. **Eur J Cell Biol** 1985 Jul;38(1):6-15

The intestinal profile of Na-K-ATPase in three rat models of acute renal failure. Kojima T, et al. **Exp Pathol** 1985;27(4):245-8

Changes in brush-border enzyme activities of intestinal epithelial cells isolated from the villus-crypt axis during the early phase of alloxan diabetes in rats. Nakabou Y, et al. **Experientia** 1985 Apr 15;41(4):482-4

Biosynthesis of intestinal microvillar proteins. Surface expression of aminopeptidase N is not affected by chloroquine. Danielsen EM, et al. **FEBS Lett** 1985 Jan 1;179(1):160-4

The effects of dietary brussels sprouts and Schizandra chinensis on the xenobiotic-metabolizing enzymes of the rat small intestine. Salbe AD, et al. **Food Chem Toxicol** 1985 Jan;23(1):57-65

Hyperglycemia induces intestinal sucrase activity in subtotally pancreatectomized rats. Takeguchi T, et al. **Gastroenterol Jpn** 1985 Feb;20(1):20-7

Role of peptidases of the human small intestine in protein digestion [editorial] Kim YS, et al. **Gastroenterology** 1985 Apr;88(4):1071-3

Neuron-specific enolase in mucosal endocrine cells and carcinoid tumours of the small intestine: a comparative study with neuron-specific enolase immunocytochemistry and silver stains. Lundqvist M, et al. **Histochem J** 1985 Mar;17(3):323-31

Immunohistochemical localization of intestinal phospholipase A2 in rat paneth cells. Senegas-Balas F, et al. **Histochemistry** 1984;81(6):581-4

Immunohistological evidence, obtained with monoclonal antibodies, of small intestinal brush border hydrolases in human colon cancers and foetal colons. Zweibaum A, et al. **Int J Cancer** 1984 Nov 15;34(5):591-8

The influence of level of infection of rats with Nippostrongylus brasiliensis on the haematology and phospholipase activity and mast cell numbers in the small intestine and colon. Cheema KJ, et al. **Int J Parasitol** 1985 Feb;15(1):55-60

Isozymes of bovine intestinal alkaline phosphatase. Besman M, et al. **J Biol Chem** 1985 Sep 15;260(20):11190-3

Rat intestinal nucleotide-sugar pyrophosphatase. Localization, partial purification, and substrate specificity. Byrd JC, et al. **J Biol Chem** 1985 Jun 25;260(12):7474-80

Effects of lead on gamma-glutamyl transpeptidase and (Na+-K+)-adenosine triphosphatase of the small intestinal mucosa. Wapnir RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):101-7

Some properties of luminal sucrase and sucrase-isomaltase complex in rat small intestine. Abe M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):243-52

Primary intestinal enteropeptidase deficiency. Green JR, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):630-3

Expression of ornithine transcarbamylase deficiency in the small intestine and colon of sparse-fur mutant mice. Qureshi IA, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):118-24

Aminopeptidase activity in albino rabbit extraocular tissues relative to the small intestine. Stratford RE Jr, et al. **J Pharm Sci** 1985 Jul;74(7):731-4

Maturation of sucrase-isomaltase complex in human fetal small and large intestine during gestation. Triadou N, et al. **Pediatr Res** 1985 Jan;19(1):136-8

Pancreatic and intestinal digestive enzymes in post-weanling rats with hypothalamic obesity. Bernardis LL, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):589-98

Intestinal disaccharidases activities in growing rats as influenced by raw legume diets. Aletor VA, et al. **Z Gesamte Hyg** 1984 Nov;30(11):668-71

[Proteinase, glycosidase and phosphatase cytochemistry in the small intestine and liver: phylogeny and species differencies] Gossrau R. **Acta Histochem [Suppl] (Jena)** 1985;31:63-72 **(Ger)**

[Characterization of intestinal maltase in adult and suckling rats] Kase A. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):251-60 (Eng. Abstr.) **(Jpn)**

[Migraine and allergy] Selmaj K. **Wiad Lek** 1984 Nov 1;37(21):1689-93 (35 ref.) (Eng. Abstr.) **(Pol)**

[Effect of larvae of Ascaris suum Goeze on phosphatase activity of the guinea pig intestine] Jarnicka-Stanios H, et al. **Wiad Parazytol** 1984;30(3):277-81 (Eng. Abstr.) **(Pol)**

[Proteases of swine small intestine enterocytes. Kinetics of substrate hydrolysis and inhibition of aminopeptidase N from brush border vesicles] Mikhaĭlova AG, et al. **Biokhimiia** 1984 Oct;49(10):1733-8 (Eng. Abstr.) **(Rus)**

[Proteases from the enterocytes of the porcine small intestine. Role of aminopeptidase N in the transport of dipeptides] Vorotyntseva TI, et al. **Biokhimiia** 1984 Nov;49(11):1854-61 (Eng. Abstr.) **(Rus)**

[Intestinal peptidase content of the mucous coat of the small intestine in dogs] Mitin IE, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):387-9 (Eng. Abstr.) **(Rus)**

[Lysosomal proteinase activity and the the lysosomes of the small intestine in postnatal ontogeny] Nikolaevskaia VR, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):139-42 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Postnatal changes in biosynthesis of microvillus membrane glycans of rat small intestine: I. Evidence of a developmental shift from terminal sialylation to fucosylation. Torres-Pinedo R, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):546-53

The nature of maturational decline of intestinal lactase activity. Tsuboi KK, et al. **Biochim Biophys Acta** 1985 May 29;840(1):69-78

Intestinal resection in the neonatal rat: stimulus for precocious intestinal maturation. Ford WD, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):628-33

[Application of a potential difference to evaluate the absorptive faculty in the small intestine. The change of the transmural resistance and the transport system during post-natal development] Ohkohchi N, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):290-7 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Local and systemic antibody responses and immunological memory in humans after immunization with cholera B subunit by different routes. Svennerholm AM, et al. **Bull WHO** 1984;62(6):909-18

Plasma cell infiltration of the small bowel: lack of evidence for a non-secretory form of alpha-heavy chain disease. Gilinsky NH, et al. **Gut** 1985 Sep;26(9):928-34

Lack of site of origin effects on distribution of IgA antibody-containing cells. Husband AJ, et al. **Immunology** 1985 Feb;54(2):215-21

The transfer of immune complexes from the lumen of the small intestine to the bloodstream in sucking rats. Peppard JV, et al. **Immunology** 1984 Oct;53(2):385-93

Anaphylactic-like reaction of small intestinal epithelium in parasitized guinea-pigs. Russell DA, et al. **Immunology** 1985 Mar;54(3):573-9

H-2-controlled, dose-dependent suppression of the response that expels adult Trichinella spiralis from the small intestine of mice. Wassom DL, et al. **Immunology** 1984 Dec;53(4):811-8

Effects of a single oral dose of dinitrochlorobenzene on T lymphocyte distribution and migration in the gut. Jeurissen SH, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):384-9

Intestinal mast cell proliferation in graft-versus-host reaction in rats. Levy DA, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):186-8

The histologic and functional characterization of enzymatically dispersed intestinal mast cells of nonhuman primates: effects of secretagogues and anti-allergic drugs on histamine secretion. Barrett KE, et al. **J Immunol** 1985 Sep;135(3):2020-6

Demonstration of IgA-containing cells in the small intestine of lambs infected with Nematodirus battus. Sinclair IJ, et al. **Res Vet Sci** 1985 May;38(3):373-6

[Changes in the plasma cell population of the small intestine in celiac disease] Horváth K, et al. **Orv Hetil** 1985 Jun 9;126(23):1401–4 (Eng. Abstr.) **(Hun)**

INJURIES

Small bowel trauma in children and adolescents. Reilley A, et al. **Am Surg** 1985 Mar;51(3):132–5

Utility of lavage alkaline phosphatase in detection of isolated small intestinal injury. Marx JA, et al. **Ann Emerg Med** 1985 Jan;14(1):10–4

Blunt traumatic evisceration of intestinal loops through the anus--a case report and a review of the literature. Vesey SG, et al. **Ir Med J** 1984 Dec;77(12):396–7

The effect of microwave-induced whole-body hyperthermia on the mucosa of mouse small intestine. Tsubouchi S, et al. **J Radiat Res (Tokyo)** 1984 Jun;25(2):131–9

Impact of early recognition on outcome in nonpenetrating wounds of the small bowel. Maull KI, et al. **South Med J** 1984 Sep;77(9):1075–7

Intraoperative consultation for the intestine. Lavery IC. **Urol Clin North Am** 1985 Aug;12(3):477–86

[Leiomyoma of the small intestine discovered in the follow-up of intestinal resection for abdominal injury (letter)] Bercau G, et al. **Presse Med** 1984 Sep 29; 13(33):2020 **(Fre)**

[Perforation of the small intestine caused by closed abdominal injury (review of 16 surgically treated cases)] Lombardo C, et al. **Chir Ital** 1982 Jun;34(3):417–25 (Eng. Abstr.) **(Ita)**

[The methods and possibilities of studying experimental radiation injuries of the digestive tract] Meyer-Brodniewicz J. **Postepy Hig Med Dosw** 1985 Jan–Feb;39(1):105–15 (Eng. Abstr.) **(Pol)**

[Foreign body in the mesenteric root after blunt abdominal injury] Kordacki J, et al. **Wiad Lek** 1984 Nov 15; 37(22):1798–801 (Eng. Abstr.) **(Pol)**

[Combined abdominal injuries in children] Entin VG. **Khirurgiia (Mosk)** 1984 Dec;(12):129–31 **(Rus)**

[Severe complications of burns of the stomach and small intestine] Zhetimkarimov DS, et al. **Klin Khir** 1984 Nov; (11):58 **(Rus)**

[Penetrating injury of the abdomen with a metallic tube] Andrianov NG. **Vestn Khir** 1984 Aug;133(8):91–2 **(Rus)**

[Method of diagnosing closed injuries of tubular abdominal organs] Egorov IuV, et al. **Vestn Khir** 1984 Aug; 133(8):125–7 **(Rus)**

INNERVATION

Enteric neurophysiology. Wood JD. **Am J Physiol** 1984 Dec; 247(6 Pt 1):G585–98 (104 ref.)

Neurochemically similar myenteric and submucous neurons directly traced to the mucosa of the small intestine. Furness JB, et al. **Cell Tissue Res** 1985;241(1):155–63

Choline acetyltransferase- and peptide immunoreactivity of submucous neurons in the small intestine of the guinea-pig. Furness JB, et al. **Cell Tissue Res** 1984;237(2):329–36

The enteric neural receptor for 5-hydroxytryptamine. Gershon MD, et al. **Experientia** 1985 Jul 15;41(7):863–8

A simultaneous demonstration of particular enteric neuronal cell types with the NADH:nitro BT-dehydrogenase reaction and of nerve fibres containing enkephalin-like immunoreactivity in the myenteric plexus of the porcine small intestine. Scheuermann DW, et al. **Histochemistry** 1985;82(3):269–73

Comparison between the properties of the vagal and splanchnic glucoreceptors of the small intestine. Involvement in insulin release. Mei N, et al. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):275–8

Peptide neurons in the canine small intestine. Daniel EE, et al. **J Comp Neurol** 1985 Jul 8;237(2):227–38

Serotonin regulation of the canine migrating motor complex. Ormsbee HS 3d, et al. **J Pharmacol Exp Ther** 1984 Nov; 231(2):436–40

Intracellular study of effects of histamine on electrical behaviour of myenteric neurones in guinea-pig small intestine. Nemeth PR, et al. **J Physiol (Lond)** 1984 Oct; 355:411–25

Substance P provoked gamma-aminobutyric acid release from the myenteric plexus of the guinea-pig small intestine. Tanaka C, et al. **J Physiol (Lond)** 1985 May;362:319–29

Substance P enteric neurons mediate non-cholinergic transmission to the circular muscle of the guinea-pig intestine. Costa M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):446–53

Different substance P receptors are found on mucosal epithelial cells and submucous neurons of the guinea-pig small intestine. Keast JR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):382–7

Impulse activity of medulla oblongata in rats in response to stimulation of taste receptors and visceral chemoreceptors. Vasilevskaya NE, et al. **Neurosci Behav Physiol** 1985 May–Jun;15(3):247–53

Somatostatin is present in a subpopulation of noradrenergic nerve fibres supplying the intestine. Costa M, et al. **Neuroscience** 1984 Nov;13(3):911–9

GRP neurones in the rat small intestine issue long anal projections. Ekblad E, et al. **Regul Pept** 1984 Nov; 9(4):279–87

[Interrelations between the hypothalamus and the amygdaloid complex in the regulation of motor function of the digestive tract] Dobrovol'skaia ZA. **Fiziol Zh SSSR** 1984 Jun;70(6):753–60 (Eng. Abstr.) **(Rus)**

METABOLISM

Nervous control of the release of neurotensin-like immunoreactivity from the small intestine of the rat. Al-Saffar A, et al. **Acta Physiol Scand** 1984 Sep;122(1):1–6

Effect of feeding raw soybean flour on the digestion of the adult sheep. Baintner K, et al. **Acta Vet Hung** 1984; 32(3–4):205–12

Vitamin D activates (Na+-K+)ATPase: a possible regulation of phosphate and calcium uptake by cultured embryonic chick small intestine. Cross HS, et al. **Adv Exp Med Biol** 1984;178:163–71

Effects of pH and sodium on phosphate transport across brush border membrane vesicles of small intestine. Danisi G, et al. **Adv Exp Med Biol** 1984;178:173–80

Isolated perfusion of the small intestine using perfluorotributylamine as artificial oxygen carrier. Hartmann F, et al. **Adv Exp Med Biol** 1984;180:711–20

Regulation and actions of gastrointestinal somatostatin. Pittenger GL, et al. **Adv Exp Med Biol** 1985;188:447–62

Relationship between zinc and prostaglandin metabolisms in plasma and small intestine of rats. Song MK, et al. **Am J Clin Nutr** 1985 Jun;41(6):1201–9

Consequence of colonic involvement on electrolyte and acid-base homeostasis in Crohn's disease. Caprilli R, et al. **Am J Gastroenterol** 1985 Jul;80(7):509–12

Factors that influence absorption and secretion of calcium in the small intestine and colon. Favus MJ. **Am J Physiol** 1985 Feb;248(2 Pt 1):G147–57 (77 ref.)

Effect of lactation on cholesterol synthesis in rats. Feingold KR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G203–8

Localization of cholesterol synthesis in the small intestine of diabetic rats. Feingold KR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G494–501

Evidence for protein kinase C as a regulator of intestinal electrolyte transport. Fondacaro JD, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G422–6

Characteristics of cysteine uptake in intestinal basolateral membrane vesicles. Lash LH, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G394–401

A contribution to analysis of three-compartment models for intestinal weak electrolyte absorption. Lucas ML. **Am J Physiol** 1984 Nov;247(5 Pt 1):G463–7

Regional specificity of iron uptake by small intestinal brush-border membranes from normal and iron-deficient mice. Muir A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G376–9

Effect of hypoxia on feline intestinal capillary permeability. Perry MA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G272–6

Role of small intestine in pathogenesis of hyperlipidemia in diabetic rats. Popper DA, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 1):G161–7

Transport of glycyl-L-proline by mouse intestinal brush-border membrane vesicles. Rajendran VM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G682–6

Mucin depletion in the intestine of malnourished rats. Sherman P, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G418–23

Kinetics of zinc absorption by luminally and vascularly perfused rat intestine. Steel L, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G46–53

Evidence for separate pathways of chylomicron and very low-density lipoprotein assembly and transport by rat small intestine. Tso P, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G599–610

Amiloride-sensitive salt and fluid absorption in small intestine of sodium-depleted rats. Will PC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G133–41

'Differential displacement'--a simple method to study receptors for 1,25-dihydroxyvitamin D3 in the presence of contaminating serum vitamin D binding protein. Levy FO, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1020–6

Developmental changes in the activities of prostaglandin synthesizing enzymes in the digestive and immune systems of rat. Park SW, et al. **Biochem Int** 1985 Jun;10(6):873–9

Effect of pyridoxine deficiency on intestinal absorption of calcium and oxalate: chemical composition of brush border membranes in rats. Farooqui S, et al. **Biochem Med** 1984 Aug;32(1):34–42

Transport of cefadroxil, an aminocephalosporin antibiotic, across the small intestinal brush border membrane. Kimura T, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):81–4

Kinetics and mechanism of in vitro uptake of amino-beta-lactam antibiotics by rat small intestine and relation to the intact-peptide transport system. Nakashima E, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3345–52

Drug elimination function of rat small intestine: metabolism and intraluminal excretion. Yasuhara M, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3131–6

The effect of amino acids and dipeptides on sodium-ion transport in rat enterocytes. Cheeseman CI, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):767–73

In vitro inhibition of rat small intestinal absorption by lipophilic organic cations. Elsenhans B, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):25–32

Characteristics of the binding of high-density lipoprotein3 by intact cells and membrane preparations of rat intestinal mucosa. Kagami A, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):179–90

Uridine uptake by isolated intestinal epithelial cells of guinea pig. Schwenk M, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):370–4

Biochemistry of the Na+, D-glucose cotransporter of the small-intestinal brush-border membrane. The state of the art in 1984. Semenza G, et al. **Biochim Biophys Acta** 1984 Sep 3;779(3):343–79 (177 ref.)

Intestinal biosynthesis of apolipoproteins during active fat absorption in rabbits. Bergmann S, et al. **Biomed Biochim Acta** 1984;43(4):457–62

Does guar gum improve post-prandial hyperglycaemia in humans by reducing small intestinal contact area? Blackburn NA, et al. **Br J Nutr** 1984 Sep;52(2):197–204

Hexose transport and mucosal morphology in the small intestine of the zinc-deficient rat. Southon S, et al. **Br J Nutr** 1984 Sep;52(2):371–80

The effect of resection of the distal ileum on gastric emptying, small bowel transit and absorption after proctocolectomy. Neal DE, et al. **Br J Surg** 1984 Sep;71(9):666–70

Enteric receptors for 5-hydroxytryptamine. Branchek T, et al. **Brain Res** 1984 Dec 17;324(1):107–18

Studies on the uptake of fatty acids by brush border membranes of the rabbit intestine. Proulx P, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):249–56

Small intestinal transit time affects methotrexate absorption in children with acute lymphoblastic leukemia. Pearson AD, et al. **Cancer Chemother Pharmacol** 1985;14(3):211–5

Similar characteristics of folate analogue transport in vitro in contrast to varying dihydrofolate reductase levels in epithelial cells at different stages of maturation in mouse small intestine. Sirotnak FM, et al. **Cancer Res** 1984 Nov; 44(11):5204–11

Methylation of DNA in stomach and small intestine of rats after oral administration of methylamine and nitrite. Huber KW, et al. **Carcinogenesis** 1984 Dec;5(12):1729–32

Uptake of particulate and soluble antigens in the small intestines of the rat. Jeurissen SH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):523

Regulation of water and ion movement in intestine. Powell DW, et al. **Ciba Found Symp** 1985;112:14–33

The effect of cortisol on stimulation of enzymatic activity and absorption of amino acids in the small intestine of adult hamsters. Andrés MD, et al. **Comp Biochem Physiol [A]** 1984;79(4):525–8

Stimulation of L-tryptophan transport by di- and polysaccharides in the small intestine of chicks. Kushak R, et al. **Comp Biochem Physiol [A]** 1984;79(1):185–7

In vitro intestinal absorption of glycine and L-alanine by rainbow trout, Salmo gairdnerii, Rich. Marcotte G, et al. **Comp Biochem Physiol [A]** 1984;79(2):209–13

The effect of local anesthetics on calcium transport across the rat and turtle small intestine. Nassar CF, et al. **Comp Biochem Physiol [A]** 1984;79(3):335–8

A comparison of the effects of duodenal glucose infusion on carbohydrate and lipid metabolism in liver, adipose tissue and small intestinal mucosa in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1985;81(1):59–62

Distinct properties of receptors for Dolichos biflorus agglutinin (DBA) isolated from small intestine of adult mice and endoderm cells of early embryos and teratocarcinomas. Arita Y, et al. **Differentiation** 1985;28(3):254–9

Plasma enteroglucagon and CCK levels and cell proliferation in defunctioned small bowel in the rat. Gornacz GE, et al. **Dig Dis Sci** 1984 Nov;29(11):1041–9

Displacement of endogenous enterokinase into portal venous blood and bile following luminal perfusion of proximal small intestine in guinea pigs. Talbot RW, et al. **Dig Dis Sci** 1984 Nov;29(11):1009–14

Age-related changes in glucuronidation and deglucuronidation in liver, small intestine, lung, and kidney of male Fischer rats. Borghoff SJ, et al. **Drug Metab Dispos** 1985 Jan–Feb;13(1):62–7

Increased UDP-glucuronosyltransferase activity and UDP-glucuronic acid concentration in the small intestine of butylated hydroxyanisole-treated mice. Hjelle JJ, et al. **Drug Metab Dispos** 1985 Jan–Feb;13(1):68–70

Alcohol and fatty acid stimulation of neurotensin release from rat small intestine. Ferris CF, et al. **Endocrinology** 1985 Mar;116(3):1133–8

Isolation and characterization of an Fc receptor from neonatal rat small intestine. Simister NE, et al. **Eur J Immunol** 1985 Jul;15(7):733–8

Heligmosomoides polygyrus: inoculum size and glucose, ion, and gas fluxes in the small intestine of mice. Hsu SC, et al. **Exp Parasitol** 1985 Aug;60(1):55–62

Nippostrongylus brasiliensis: malabsorption in experimentally infected rats. Nolla H, et al. **Exp Parasitol** 1985 Apr; 59(2):180–4

Comparison of receptors for cholera and Escherichia coli enterotoxins in human intestine. Holmgren J, et al. **Gastroenterology** 1985 Jul;89(1):27–35

Membrane digestion and transport under physiological conditions: a review of available data. Ugolev AM, et al. **Gen Physiol Biophys** 1985 Jun;4(3):287–99

Effect of estrogens on RNA synthesis in the epithelium of the small intestine of castrated mice. Konecki J, et al. **Ginekol Pol** 1984 May;55(5):307–12

In vitro determination of small intestinal permeability. Hamilton I, et al. **Gut** 1985 Mar;26(3):322–4

The uptake of lead by small intestine, colon and gallbladder of the guinea pig in vivo. Hussein KA, et al. **Histochemistry** 1984;81(6):591-6

Effects of level of feed intake on nitrogen, amino acid and energy digestibilities measured at the end of the small intestine and over the total digestive tract of growing pigs. Haydon KD, et al. **J Anim Sci** 1984 Sep;59(3):717-24

Metabolism of all-trans-retinoic acid and all-trans-retinyl acetate. Demonstration of common physiological metabolites in rat small intestinal mucosa and circulation. Cullum ME, et al. **J Biol Chem** 1985 Sep 5;260(19):10590-6

Expression of a mammalian fatty acid-binding protein in Escherichia coli. Lowe JB, et al. **J Biol Chem** 1984 Oct 25;259(20):12696-704

Evidence for tyrosyl residues at the Na+ site on the intestinal Na+/glucose cotransporter. Peerce BE, et al. **J Biol Chem** 1985 May 25;260(10):6026-31

Biosynthesis of cholestanol from bile acid intermediates in the rabbit and the rat. Skrede S, et al. **J Biol Chem** 1985 Jan 10;260(1):77-81

Comparison of Ca++-regulated events in the intestinal brush border. Glenney JR Jr, et al. **J Cell Biol** 1985 Mar; 100(3):754-63

Small intestinal permeability as an indicator of jejunal mucosal recovery in patients with celiac sprue on a gluten-free diet. Ukabam SO, et al. **J Clin Gastroenterol** 1985 Jun;7(3):232-6

Protein degradation in rumen and amino acid absorption in small intestine of lactating dairy cattle fed heat-treated whole soybeans. Stern MD, et al. **J Dairy Sci** 1985 Jan; 68(1):45-56

A method for histochemical localization of glycosaminoglycans in semi-thin tissue sections embedded in GMA, Quetol 523 and methyl methacrylate. Nagato Y, et al. **J Electron Microsc (Tokyo)** 1984;33(3):252-4

Apolipoprotein A-I synthesis in rat small intestine: regulation by dietary triglyceride and biliary lipid. Davidson NO, et al. **J Lipid Res** 1985 Mar;26(3):368-79

Coassimilation of dietary fat and benzo(a)pyrene in the small intestine: an absorption model using the killifish. Vetter RD, et al. **J Lipid Res** 1985 Apr;26(4):428-34

Choline uptake by isolated enterocytes of guinea pig. Hegazy E, et al. **J Nutr** 1984 Dec;114(12):2217-20

Uptake of pyridoxine by in vivo perfused segments of rat small intestine: a possible role for intracellular vitamin metabolism. Middleton HM 3d. **J Nutr** 1985 Aug; 115(8):1079-88

Isolation and characterization of brush border membrane vesicles from bovine small intestine. Moe AJ, et al. **J Nutr** 1985 Sep;115(9):1173-9

Distribution of carnitine and acylcarnitine in small intestine of carnitine-supplemented and fasted rats. Sachan DS, et al. **J Nutr** 1985 Jul;115(7):865-71

Effect of size of Trichinella spiralis (Nematode) infections on glucose and ion transport in the rat intestine. Sukhdeo MV, et al. **J Parasitol** 1984 Aug;70(4):499-506

Permeability of the small intestine to [51Cr]EDTA in children with acute gastroenteritis or eczema. Forget P, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):393-6

Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. I. Significance of the stress effect of sugar-induced diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):468-75

Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. II. Role of digestibility of sugars, osmolality, and stomach evacuation in producing diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):634-8

Intestinal absorption mechanism of amino-beta-lactam antibiotics. III. Kinetics of carrier-mediated transport across the rat small intestine in situ. Nakashima E, et al. **J Pharmacobiodyn** 1984 Jul;7(7):452-64

Hamster intestinal disaccharide absorption: extracellular hydrolysis precedes transport of the monosaccharide products. Alvarado F, et al. **J Physiol (Lond)** 1984 Oct; 355:493-507

Developmental aspects of steroid-induced ammonia release from isolated sections of rat intestine. Coates DR, et al. **J Physiol (Lond)** 1984 Sep;354:1-10

Observations on the distribution and movement of cadmium in epithelial cells of rat small intestine by light- and electron-microscope radioautography. Taguchi T. **J Toxicol Environ Health** 1985;15(3-4):509-20

Species difference in mechanisms of D-xylose absorption by the small intestine. Ohkohchi N, et al. **Jpn J Physiol** 1984; 34(4):669-77

nfluence of phosphate, sulfonic, and sulfamic acids on sulfoconjugate release in the vascularly perfused mouse small intestine. Wollenberg P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr; 329(2):195-200

ntestinal ornithine synthesis from glutamic acid. **Nutr Rev** 1985 Apr;43(4):119-21 (12 ref.)

Phosphate fluxes in isolated enterocytes from vitamin D replete and vitamin D deficient rats--early effects of calcitriol. Karsenty G, et al. **Pflugers Arch** 1985 Feb; 403(2):151-5

Phosphate transport across brush border and basolateral membrane vesicles of small intestine. Danisi G, et al. **Prog Clin Biol Res** 1984;168:229-34

Regulation of active Ca2+ transport in basolateral membranes of small intestinal epithelium. Ghijsen W, et al. **Prog Clin Biol Res** 1984;168:289-94

The effects of abdominal irradiation on intestinal transport in the rat as assessed with isolated epithelial cells. Cheeseman CI, et al. **Radiat Res** 1985 Jan;101(1):131-43

VIP and PHI coexist with an NPY-like peptide in intramural neurones of the small intestine. Ekblad E, et al. **Regul Pept** 1984 Dec;10(1):47-55

Novel pharmacology of substance K-binding sites: a third type of tachykinin receptor. Buck SH, et al. **Science** 1984 Nov 23;226(4677):987-9

Acute and chronic effects of truncal vagotomy upon glucose absorption, water and electrolyte fluxes in the small intestine of the rabbit. Andrews NJ. **Surg Gynecol Obstet** 1985 Jul;161(1):33-6

[Effect of experimental diabetes and its treatment with insulin on the translation of RNAs and protein synthesis in rat enterocytes] Bréant B, et al. **C R Acad Sci [III]** 1984; 299(14):571-4 (Eng. Abstr.) **(Fre)**

[Comparative study of the absorption of enzymatic protein hydrolysates in the small intestine of the rat. 2. The absorption of tryptic, thermitatic and tryptic-thermitatic casein hydrolysates compared with the equimolar composition of free amino acids] Friedrich M, et al. **Nahrung** 1985;29(2):167-78 (Eng. Abstr.) **(Ger)**

[Comparative studies on the enzymatic absorption of protein hydrolysates in the small intestines of the rat. 3. The absorption of trypsin, thermitatic and trypsin thermitatic wheat gluten hydrolysates in comparison with equimolar mixtures of free amino acids] Noack J, et al. **Nahrung** 1985; 29(1):49-57 (Eng. Abstr.) **(Ger)**

[Course of the adaptation of carbohydrate accumulation in the small intestine of chickens after saccharose feeding] Ozols AJ, et al. **Nahrung** 1985;29(2):179-84 (Eng. Abstr.) **(Ger)**

[Comparative studies on the enzymatic absorption of protein hydrolysates in the small intestine of the rat. 3. The absorption trypsins thermatatic and trypsin-thermatatic hydrolysates of a fava bean protein isolate compared to an equimolar mixture of free amino acids] Proll J, et al. **Nahrung** 1985;29(1):59-67 (Eng. Abstr.) **(Ger)**

[Effective intraluminal concentration of riboflavin and pyridoxine in various intestinal segments of the rat] Daniel H, et al. **Z Ernahrungswiss** 1984 Dec;23(4):255-62 (Eng. Abstr.) **(Ger)**

[Small intestinal absorption in cancer patients--basis for enteral feeding therapy in oncology] Weiner R, et al. **Z Ernahrungswiss** 1984 Sep;23(3):157-70 (Eng. Abstr.) **(Ger)**

[Mechanism of cell membrane permeability of bile acids] Iga T. **Nippon Rinsho** 1984 Jul;42(7):1536-42 (34 ref.) **(Jpn)**

[Specific binding of 3H-naloxone with isolated rat enterocytes] Iarygin KN, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):40-2 (Eng. Abstr.) **(Rus)**

[Transport of 125I-poly I : poly C incorporated in liposomes from the enteric cavity to the small intestine mucosa. An electron microscopic autoradiographic study] Nadtochiĭ VV, et al. **Tsitologiia** 1984 Jul;26(7):783-7 (Eng. Abstr.) **(Rus)**

[Liposome transport as a model of substance absorption in the small intestine studied by electron microscopic autoradiography and scanning microscopy] Nadtochiĭ VV, et al. **Tsitologiia** 1984 Aug;26(8):908-13 (Eng. Abstr.) **(Rus)**

[Effect of beta-sitosterol incorporated into liposomes on several indicators of lipid metabolism in experimental hypercholesteremia in rats] Datsenko ZM, et al. **Vopr Med Khim** 1984;30(6):33-8 (Eng. Abstr.) **(Rus)**

[Vesicular transport of nutrients in the small intestine during natural feeding] Morozov IA, et al. **Vopr Pitan** 1985 May-Jun;(3):42-9 (Eng. Abstr.) **(Rus)**

[Comparative studies on thiamine, pantothenic acid and nicotinic acid metabolism in the digestive system of rats] Stepanova LN, et al. **Vopr Pitan** 1984 Jul-Aug;(4):45-7 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Intestinal microbial flora after feeding phytohemagglutinin lectins (Phaseolus vulgaris) to rats. Banwell JG, et al. **Appl Environ Microbiol** 1985 Jul;50(1):68-80

The occurrence of Clostridium perfringens in the intestine of chicks. Shane SM, et al. **Avian Dis** 1984 Oct-Dec; 28(4):1120-4

Breath tests in the diagnosis of small intestine bacterial overgrowth. King CE, et al. **CRC Crit Rev Clin Lab Sci** 1984;21(3):269-81 (51 ref.)

Gut microflora and small bowel neoplasia: cause or not so innocent coexistence? King CE. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):469-71

Abnormal intestinal flora: metabolic and clinical consequences. Tabaqchali S. **Gastroenterol Jpn** 1984 Aug; 19(4):351-62

Purification and characterization of a receptor for the 987P pilus of Escherichia coli. Dean EA, et al. **Infect Immun** 1985 Jan;47(1):98-105

Adhesion of enterotoxigenic Escherichia coli to human small intestinal enterocytes. Knutton S, et al. **Infect Immun** 1985 Jun;48(3):824-31

Coliform numbers in the stomach and small intestine of healthy pigs following weaning at three weeks of age. Hampson DJ, et al. **J Comp Pathol** 1985 Jul;95(3):353-62

Bacterial overgrowth [letter] Davidson GP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):681-2

Development of resistance of enterocytes to rotavirus in neonatal, agammaglobulinemic piglets. Kirstein CG, et al. **J Virol** 1985 Sep;55(3):567-73

Mechanisms of malabsorption in the 'Contaminated Small-Bowel syndrome'. Gracey M. **Nahrung** 1984; 28(6-7):659-66

Some studies of the bacterial flora associated with the mucosa of the human gastrointestinal tract. Peach SL, et al. **Nahrung** 1984;28(6-7):627-34

The iron milk most probable number method for enumeration of Clostridium perfringens in the diet and the intestine of the chick. Stutz MW, et al. **Poult Sci** 1984 Nov; 63(11):2241-6

Effects of sodium saccharin on the activity of trypsin, chymotrypsin, and amylase and upon bacteria in small intestinal contents of rats. Naim M, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):392-401

Resistance of gnotobiotic large white and Chinese piglets to in vivo attachment of a K88ab enterotoxigenic Escherichia coli strain. Chappuis JP, et al. **Reprod Nutr Dev** 1985;25(1A):49-60

Short-chain fatty acids in the small-bowel bacterial overgrowth syndrome. Høverstad T, et al. **Scand J Gastroenterol** 1985 May;20(4):492-9

Bacterial overgrowth. Bjørneklett A, et al. **Scand J Gastroenterol [Suppl]** 1985;109:123-32

Normal and pathological microbial flora of the upper gastrointestinal tract. Hill M. **Scand J Gastroenterol [Suppl]** 1985;111:1-6

[Remarkable microbial findings in the small intestine mucosa of children] Schön E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):50-4 (Eng. Abstr.) **(Ger)**

[Growth of anaerobes of the upper small intestine using the glovebox technic] Bernhardt H, et al. **Nahrung** 1984; 28(6-7):723-6 (Eng. Abstr.) **(Ger)**

[Bacteriologic examination of the small intestine in the diagnosis of chronic intestinal diseases] Pollák R, et al. **Orv Hetil** 1984 Oct 28;125(44):2665-6 (Eng. Abstr.) **(Hun)**

[Interaction of Yersinia pseudotuberculosis with the epithelium of the small intestine in experimental infection] Isachkova LM, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):117-20 (Eng. Abstr.) **(Rus)**

[Structural characteristics of the remote interaction of Shigella and Salmonella with enterocytes of experimental animals] Koval'chuk VK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):68-72 (Eng. Abstr.) **(Rus)**

[Microflora of the upper part of the small bowel in healthy Peruvian subjects] Vidal-Neira L, et al. **Acta Gastroenterol Latinoam** 1983;13(2):163-9 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Transmission electron microscopical studies of the site of attachment of Ancylostoma ceylanicum to the small bowel mucosa of the dog. Carroll SM, et al. **J Helminthol** 1984 Dec;58(4):313-20

The site of ecdysis of the L1 larva of Trichinella spiralis. Capo V, et al. **J Parasitol** 1984 Dec;70(6):992-4

Lethality of intestinal tissue extracts from Eimeria-infected chickens. McKenzie ME, et al. **Parasitology** 1985 Jun;90 (Pt 3):565-72

PATHOLOGY

Malabsorption and mucosal abnormalities of the small intestine in the acquired immunodeficiency syndrome. Gillin JS, et al. **Ann Intern Med** 1985 May;102(5):619-22

Harvesting of leukocytes from intestinal lumen in murine giardiasis and preliminary characterization of these cells. Heyworth MF, et al. **Dig Dis Sci** 1985 Feb;30(2):149-53

Relationship between clinical and laboratory parameters and length of lesion in Crohn's disease of small bowel. Prantera C, et al. **Dig Dis Sci** 1984 Dec;29(12):1093-7

Induced mucosal penetration and transfer to portal blood of luminal horseradish peroxidase after exposure of mucosa of guinea pig small intestine to ethanol and lysolecithin. Talbot RW, et al. **Dig Dis Sci** 1984 Nov;29(11):1015-22

Intestinal pseudoobstruction caused by diffuse lymphoid infiltration of the small intestine. McDonald GB, et al. **Gastroenterology** 1985 Oct;89(4):882-9

Hyposplenism and gluten-sensitive enteropathy. Natural history, incidence, and relationship to diet and small bowel morphology. O'Grady JG, et al. **Gastroenterology** 1984 Dec;87(6):1326-31

Enteroscopy and small bowel biopsy--an improved technique for the diagnosis of small bowel disease. Barkin JS, et al. **Gastrointest Endosc** 1985 Jun;31(3):215-7

Hyperenteroglucagonaemia and small intestinal mucosal growth after colonic perfusion of glucose in rats. Miazza BM, et al. **Gut** 1985 May;26(5):518-24

A histopathologic study of gastric and small intestinal graft-versus-host disease following allogeneic bone marrow transplantation. Snover DC, et al. **Hum Pathol** 1985 Apr;16(4):387-92

Tissue eosinophil numbers and phospholipase B activity in mice infected with Trichinella spiralis. Wilkes SD, et al. **Int J Parasitol** 1984 Oct;14(5):479-82

Paraovarian-omental bands as a cause of small intestinal obstruction in cows. Richardson DW.

J Am Vet Med Assoc 1984 Sep 1;185(5):517-9

Enumeration of small intestinal lymphocyte population in Giardia lamblia-infected mice. Kanwar SS, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):243-8

Pathological changes and immunity associated with experimental Eimeria vermiformis infections in Mus musculus. Blagburn BL, et al. **J Protozool** 1984 Nov; 31(4):556-61

Small bowel biopsy (per oral). Shamsi Z, et al. **JPMA** 1984 Oct;34(10):314-7

Villus atrophy and malabsorption in a rhesus monkey. Harris RL, et al. **Lab Anim Sci** 1984 Dec;34(6):610-3

Primary gastrointestinal lymphoma. A clinicopathologic study of 102 patients. Aozasa K, et al. **Oncology** 1985; 42(2):97-103

Cryptosporidiosis in the acquired immune deficiency syndrome. Cooper DA, et al. **Pathology** 1984 Oct; 16(4):455-7

Spontaneous polyposis in the small intestine of germfree and conventionalized BALB/C mice. Mizutani T, et al. **Prog Clin Biol Res** 1985;181:297-9

The role of resection margin frozen section in the surgical management of Crohn's disease. Hamilton SR, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):57-62

Stereological studies on the rat small intestinal epithelium. III. Effects of short-term alloxan diabetes. Stenling R, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):263-70

[Case report of carcinoma of the small intestine] Trifonov D, et al. **Khirurgiia (Sofiia)** 1985;38(1):44-6 **(Bul)**

[Primary malignant melanoma of the small intestine] Eiskjaer S. **Ugeskr Laeger** 1985 Apr 8;147(15):1271-2 (Eng. Abstr.) **(Dan)**

[Can small intestine biopsy be used to diagnose visceral leishmaniasis (letter)] Arnaud-Battandier F, et al. **Presse Med** 1985 Apr 6;14(14):792 **(Fre)**

[Small-intestine biopsy in childhood] Henker J, et al. **Kinderarztl Prax** 1984 Nov;52(11):488-98 (Eng. Abstr.) **(Ger)**

[Biopsy diagnosis of diseases of the small intestine] Otto HF. **Leber Magen Darm** 1983 Nov;13(6):243-50 (Eng. Abstr.) **(Ger)**

[Clinical and diagnostic aspects of the pathology of the small intestine] Tittobello A. **Radiol Med (Torino)** 1984 Apr; 70(4):195-200 **(Ita)**

[Operative intestinal fiberscopic findings and recurrences following surgery in Crohn's disease] Nakatake K. **Fukuoka Igaku Zasshi** 1984 Jun;75(6):366-79 (Eng. Abstr.) **(Jpn)**

[Changes in the number of Ec cells in the small intestine and the serotonin level in the blood plasma of fasting rats] Solomatina TM, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):162-4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Muscarinic inhibition of canine small intestinal motility in vivo. Fox JE, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G526-31

Motility of the small intestine: a look ahead. Mathias JR, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G495-500 (59 ref.)

Migrating action potential complex: unmasked by 6-hydroxydopamine. Mathias JR, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G416-21

Peristaltic transport of a non-Newtonian fluid: applications to the vas deferens and small intestine. Srivastava LM, et al. **Ann Biomed Eng** 1985;13(2):137-53

Internal signals cause large changes in food intake in one-way crossed intestines rats. Koopmans HS. **Brain Res Bull** 1985 Jun;14(6):595-603

Digestive and absorptive functions along dog small intestine: comparative distributions in relation to biochemical and morphological parameters. Laganière S, et al. **Comp Biochem Physiol [A]** 1984;79(3):463-72

Canine cyclic motor activity of stomach and small bowel: the vagus is not the governor. Gleysteen JJ, et al. **Gastroenterology** 1985 Jun;88(6):1926-31

Vasoactive intestinal peptide. Relaxant neurotransmitter in tenia coli of the guinea pig. Grider JR, et al. **Gastroenterology** 1985 Jul;89(1):36-42

Intestinal transit of solid and liquid components of a meal in health. Malagelada JR, et al. **Gastroenterology** 1984 Dec; 87(6):1255-63

Breath hydrogen as a test for gastrointestinal transit. Korth H, et al. **Hepatogastroenterology** 1984 Dec;31(6):282-4

Gastric emptying and small-bowel transit rate in the elderly. Kupfer RM, et al. **J Am Geriatr Soc** 1985 May;33(5):340-3

Effect of nutritional method on adaptation of the intestinal remnant after massive bowel resection. Al-Jurf AS, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):245-52

Luminal nutrients and intestinal adaptation. Weser E. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):165-6

The effect of fasting on the potential difference across the brush-border membrane of enterocytes in rat small intestine. Debnam ES, et al. **J Physiol (Lond)** 1984 Oct; 355:449-56

Intestinal permeability [editorial] **Lancet** 1985 Feb 2; 1(8423):256-8

Protein digestion and absorption after intestinal resection in rats. **Nutr Rev** 1985 Apr;43(4):122-4

Small intestine biopotentials in rats after hypokinesia. Groza P, et al. **Physiologie** 1984 Jul-Sep;21(3):159-66

Relationship between potassium conductance and transport in renal tubular epithelium. Cohen B, et al. **Prog Clin Biol Res** 1984;164:391-401

The effects of PGF2 alpha, PGE2 and 16, 16 dimethyl PGE2 on gastric emptying and small intestinal transit in rat. Ruwart MJ, et al. **Prostaglandins** 1984 Dec;28(6):915-28

Intestinal uptake of intact maternal lymphocytes by neonatal rats and lambs. Sheldrake RF, et al. **Res Vet Sci** 1985 Jul; 39(1):10-5

The effects of vagal nerve stimulation on endoluminal release of serotonin and substance P into the feline small intestine. Grønstad KO, et al. **Scand J Gastroenterol** 1985 Mar; 20(2):163-9

Can gastrointestinal hormones enhance intestinal absorption? Schwartz MZ, et al. **Surgery** 1985 Sep;98(3):430-6

[Motility of the small intestine: organization, regulation and functions. 15 years' research on migrating complexes] Laplace JP. **Reprod Nutr Dev** 1984;24(5B):707-65 (260 ref.) (Eng. Abstr.) **(Fre)**

[The small intestine. Various observations in 1984] Gargouri M, et al. **Tunis Med** 1984 Jul-Aug;62(4):267-74 (Eng. Abstr.) **(Fre)**

[Experimental study of anatomical or functional exclusion of the small intestine in swine] Picardi N, et al. **Ann Ital Chir** 1985;57(1):77-88 (Eng. Abstr.) **(Ita)**

[Morphometric functional study of the small intestine in the aged subject. III. Functional study of D-xylose absorption] Londei M, et al. **G Clin Med** 1984 Nov-Dec; 65(11-12):471-5 (Eng. Abstr.) **(Ita)**

[Effect of homeostasis of chyme composition on absorption of its components in the small intestine during natural digestion] Gal'perin IuM, et al. **Fiziol Zh SSSR** 1985 May; 71(5):631-45 (Eng. Abstr.) **(Rus)**

[Effect of the short term exposure to heat on the adreno- and cholinosensitivity of the small intestine in the rat] Mezidova KhA, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):195-9 (Eng. Abstr.) **(Rus)**

[Effect of resection and dissection of the distal portion of the small intestine on the adrenergic inhibition of gastric secretion] Trefilov AB. **Fiziol Zh SSSR** 1985 Feb; 71(2):221-5 (Eng. Abstr.) **(Rus)**

[Structure of the system of digestive and transport processes in the small intestine] Gal'perin IuM, et al. **Zh Obshch Biol** 1985 Jan-Feb;46(1):108-13 (20 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Review: pathophysiology of diarrhea caused by bacterial overgrowth of the small intestine. Mathias JR, et al. **Am J Med Sci** 1985 Jun;289(6):243-8 (87 ref.)

Small bowel and liver tissue pO2 and pCO2 during hypovolaemic shock and intravenous vasopressin infusion. Korsbäck C, et al. **Ann Chir Gynaecol** 1984;73(4):236-40

Physiological responses of chicken gut tissue to infection with Eimeria acervulina. Allen PC. **Avian Dis** 1984 Oct-Dec; 28(4):868-76

Toxicity of kidney bean (Phaseolus vulgaris) in rats: changes in intestinal permeability. Greer F, et al. **Digestion** 1985; 32(1):42-6

Manometric evaluation of functional upper gut symptoms. Malagelada JR, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1223-31

Alterations of myoelectric activity associated with Campylobacter jejuni and its cell-free filtrate in the small intestine of rabbits. Sninsky CA, et al. **Gastroenterology** 1985 Aug;89(2):337-44

Small intestinal function in chronic relapsing pancreatitis. Lembcke B, et al. **Hepatogastroenterology** 1985 Jun; 32(3):149-51

Small intestinal permeability in clinical practice [editorial] Cooper BT. **J Clin Gastroenterol** 1984 Dec;6(6):499-501

Lactose absorption and malabsorption in healthy Italian children: do the quantity of malabsorbed sugar and the small bowel transit time play roles in symptom production? Roggero P, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb; 4(1):82-6

A pathophysiologic approach to nontumorous small-bowel disease. Olmsted WW, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):360-7

Impact of chronic protein-calorie malnutrition on small intestinal repair after acute viral enteritis: a study in gnotobiotic piglets. Butzner JD, et al. **Pediatr Res** 1985 May;19(5):476-81

Adaptation of the small intestine to induced maldigestion in rats. Experimental pancreatic atrophy and acarbose feeding. Creutzfeldt W, et al. **Scand J Gastroenterol [Suppl]** 1985;112:45-53

[Parallel morphological and functional research on chronic enterocolitis patients using the authors' own method for the simultaneous performance of perfusion and biopsy of the small intestine] Stoinov S, et al. **Vutr Boles** 1985; 24(3):29-33 (Eng. Abstr.) **(Bul)**

[Interdigestive motility of the gastric stump and small intestine in dumping syndrome patients] Buryĭ AN, et al. **Klin Khir** 1984 Aug;(8):25-8 (Eng. Abstr.) **(Rus)**

[Small intestine function in strongyloidiasis in the residence of a temperate zone] Lysakova LA, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):26-31 (Eng. Abstr.) **(Rus)**

[Clinico-functional state and morphological changes in the intestines in patients with rheumatoid arthritis] Izmaĭlova MKh, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):44-7 (Eng. Abstr.) **(Rus)**

[State of the enteroinsular axis in patients with chronic enteritis and ulcerative colitis] Zlatkina AR, et al. **Sov Med** 1985;(4):20-3 (Eng. Abstr.) **(Rus)**

[Gastrointestinal involvement in progressive systemic sclerosis] Alvarez MG, et al. **Acta Gastroenterol Latinoam** 1984;14(4):295-302 (Eng. Abstr.) **(Spa)**

[Digestive tract changes of the malnourished child] Römer H. **GEN** 1983 Jan-Jun;37(1-2):146-56 **(Spa)**

RADIATION EFFECTS

Regeneration in small intestine following exposure to X-radiation and neutron beam as estimated in the light of changes in alkaline phosphatase activity and degree of 3H-thymidine incorporation into cells in intestinal crypts. Meyer-Brodniewicz J, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):115-21

Quantitative changes in the goblet cells of the rat small intestine after irradiation. Becciolini A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):291-9

Qualitative and quantitative effects on the morphology of the small intestine after multiple daily fractionation. Becciolini A, et al. **Acta Radiol [Oncol]** 1984;23(5):353-9

Effects of 16,16 dimethyl prostaglandin E2 on irradiation damage of the small intestine. Uribe A, et al. **Acta Radiol [Oncol]** 1984;23(5):349-52

New surgical approach to minimize radiation-associated small bowel injury in patients with pelvic malignancies requiring surgery and high-dose irradiation. A preliminary report. Kavanah MT, et al. **Cancer** 1985 Sep 15; 56(6):1300-4

The role of luminal contents in radiation enteritis. Mulholland MW, et al. **Cancer** 1984 Dec 1;54(11):2396-402

The re-establishment of hypersensitive cells in the crypts of irradiated mouse intestine. Ijiri K, et al. **Int J Radiat Biol** 1984 Nov;46(5):609-23

Effect of different pion stopping volumes on the radiation response of mouse small intestine. Rao KR, et al. **Int J Radiat Biol** 1985 Jul;48(1):61-9

Construction of an omental envelope as a method of excluding the small intestine from the field of postoperative irradiation to the pelvis. DeLuca FR, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):365-6

[Surgical treatment of severe radiation injuries of the small intestine and colon-rectum. Apropos of 85 patients surgically-treated at the Gustave-Roussy Institute] Lasser P, et al. **J Chir (Paris)** 1985 Jan;122(1):27-35 (Eng. Abstr.) **(Fre)**

[Prevention of radiolesions of the small intestine by intrapelvic silicone breast prosthesis] Elias D, et al. **Presse Med** 1985 Jun 1;14(22):1241-2 (Eng. Abstr.) **(Fre)**

[Effect of food intake on the weight and length of the small intestine in white rats exposed to irradiation] Kukel' IuP. **Vopr Pitan** 1985 Jan-Feb;(1):44-5 **(Rus)**

RADIOGRAPHY

Small bowel xanthomatosis: radiologic-pathologic correlation. Pope TL Jr, et al. **AJR** 1985 Jun;144(6):1215-6

Radiography of the small bowel in patients with gynecologic malignancies. Yuhasz M, et al. **AJR** 1985 Feb;144(2):303-7

Small bowel diseases: diagnosis using radiographic pattern analysis. Shaffer HA Jr. **Curr Probl Diagn Radiol** 1984 May-Jun;13(3):1-71 (58 ref.)

Small bowel radiography. An overview. Maglinte DD, et al. **Dig Dis Sci** 1984 Nov;29(11):1057-9

Perspectives in small bowel imaging. Maglinte DD. **Indiana Med** 1985 Jan;78(1):32-3

Aluminum hydroxide gel bezoar--CT diagnosis. Sussman S, et al. **J Can Assoc Radiol** 1985 Jun;36(2):148-9

CT diagnosis of closed loop obstruction. Balthazar EJ, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):953-5

Intubation infusion method: reliability in diagnosis of mechanical partial small-bowel obstruction. Maglinte DD, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):372-7

An overview and summary of roentgen signs of diseases of the small intestine. Meschan I. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):319-36

Diagnosis of extrinsic abscesses affecting the small intestine. O'Riordan D, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug; 51(4):347-50

Tuberculosis of the small intestine. Tishler JM. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):337-40

Radiologic manifestations of malabsorption: a nonspecific finding. Weizman Z, et al. **Pediatrics** 1984 Oct;74(4):530-3

Gallstone ileus. Kreel L. **Postgrad Med J** 1985 Jun; 61(716):511-2

Oral contrast agents in CT of the abdomen. Garrett PR, et al. **Radiology** 1984 Nov;153(2):545-6

Detailed per-oral small bowel examination vs. enteroclysis. Part II: Radiographic accuracy. Ott DJ, et al. **Radiology** 1985 Apr;155(1):31-4

Detailed per-oral small bowel examination vs. enteroclysis. Part I: Expenditures and radiation exposure. Ott DJ, et al. **Radiology** 1985 Apr;155(1):29-31

[Small intestine enema using a rectosigmoid catheter] Kinnunen J, et al. **ROFO** 1985 Mar;142(3):351-2 **(Ger)**

[Radiologic examination in the malabsorption syndrome] Castagnone D, et al. **Radiol Med (Torino)** 1984 Apr; 70(4):208-15 **(Ita)**

[The role of special procedures in the radiological study of the small intestine] Damascelli B, et al. **Radiol Med (Torino)** 1984 Apr;70(4):232-5 **(Ita)**

[Radiology of tumors of the small intestine] Montesi A, et al. **Radiol Med (Torino)** 1984 Apr;70(4):223-32 **(Ita)**

[Localization of Crohn disease in the small intestine] Petrillo R, et al. **Radiol Med (Torino)** 1984 Apr;70(4):215-22 **(Ita)**

[Radiology of the small intestine] Severini A. **Radiol Med (Torino)** 1984 Apr;70(4):193-4 **(Ita)**

[Double-contrast clysma of the small intestine] Severini A, et al. **Radiol Med (Torino)** 1984 Apr;70(4):200-4 **(Ita)**

[Crohn's disease with follow-up study by a double contrast imaging of the small intestine using an elemental diet tube. Report of a case] Dohi T, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1435-8 (Eng. Abstr.) **(Jpn)**

[Roentgenosemeiotics of changes in the small intestine in nonspecific ulcerative colitis and Crohn disease] Mil'ko VI, et al. **Klin Khir** 1985 Feb;(2):18-20 (Eng. Abstr.) **(Rus)**

[X-ray characteristics of the small intestine in Crohn's disease] Mil'ko VI, et al. **Vrach Delo** 1984 Aug;(8):82-5 (Eng. Abstr.) **(Rus)**

[Enteroclysis or intestinal transit (letter)] Pueyo FJ, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):167-8 **(Spa)**

RADIONUCLIDE IMAGING

Scintiscanning in the evaluation of biliary enteric anastomoses. Tidmore H, et al. **Am Surg** 1985 Mar;51(3):158-61

[Radionuclide studies of the digestive organs during radiotherapy of cervix cancer] Modnikov OP. **Med Radiol (Mosk)** 1985 Mar;30(3):57-9 (Eng. Abstr.) **(Rus)**

SECRETION

Release of dynorphin, somatostatin and substance P from the vascularly perfused small intestine of the guinea-pig during peristalsis. Donnerer J, et al. **Br J Pharmacol** 1984 Dec;83(4):919-25

Release of cholecystokinin-immunoreactivity into the vascular bed of the guinea-pig small intestine during peristalsis. Donnerer J, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):324-6

Intestinal iodide secretion and its dependence upon mucosal I- permeability. Ondarra A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):117-23

[Effect of the blockade of alpha- and beta adrenergic receptors on the release of hemocoagulating compounds from the intestine into the blood] Golyshenkov SP. **Fiziol Zh SSSR** 1985 Feb;71(2):226-30 (Eng. Abstr.) **(Rus)**

SURGERY

Perforation of the small intestine in early postlaparotomy course. Källén R, et al. **Acta Chir Scand** 1984;150(5):429-31

The adaptation of the small intestine after resection in response to free fatty acids. Grey VL, et al. **Am J Clin Nutr** 1984 Dec;40(6):1235-42

Warfarin absorption after massive small bowel resection. Lutomski DM, et al. **Am J Gastroenterol** 1985 Feb;80(2):99-102

Changes in collagen content of the small intestinal wall after anastomosis. Jönsson K, et al. **Am J Surg** 1985 Sep;150(3):315-7

Nontraumatic perforations of the small intestine. Putzki H, et al. **Am J Surg** 1985 Mar;149(3):375-7

Comparison of three suture techniques for anastomosis of the small intestine in the horse. Dean PW, et al. **Am J Vet Res** 1985 Jun;46(6):1282-6

Effects of corticosteroid on the healing bowel anastomosis. Aszodi A, et al. **Am Surg** 1984 Oct;50(10):546-8

Comparative studies of plasma secretin response after reconstructive surgery of the stomach and pancreas. Satake K, et al. **Ann Surg** 1985 Apr;201(4):447-51

The use of surface oximetry to assess bowel viability. Locke R, et al. **Arch Surg** 1984 Nov;119(11):1252-6

Absorption and urinary excretion of oxalates following massive small bowel resection and colon interposition in rhesus monkeys. Sidhu GS, et al. **Biochem Int** 1984 Oct;9(4):421-7

Use of a single layer extramucosal suture for intestinal anastomosis in children. Brain AJ, et al. **Br J Surg** 1985 Jun;72(6):483-4

Is laparotomy for small bowel obstruction justified in patients with previously treated malignancy? Walsh HP, et al. **Br J Surg** 1984 Dec;71(12):933-5

Increased antral G-cell number and gastrin content in dogs after massive small bowel resection. Buchan AM, et al. **Dig Dis Sci** 1985 Mar;30(3):236-9

Absorption studies after massive small bowel resection and antiperistaltic colon interposition in rhesus monkeys. Sidhu GS, et al. **Dig Dis Sci** 1985 May;30(5):483-8

Effect of resection of small intestine on the interaction of vasoactive intestinal peptide with rat colonic epithelial cells. Fernández-Moreno MD, et al. **Horm Metab Res** 1985 Jun;17(6):289-92

Different types of massive small bowel resection & hyperchlorhydria. Aeron AK, et al. **Indian J Med Res** 1984 Apr;79:542-5

The effect of dietary manipulation on hepatic lipid accumulation in rats undergoing small intestinal bypass. Kaminski DL, et al. **Int J Obes** 1985;9(1):59-68

Meconium ileus equivalent. Copeland G, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):325-6

Reconstruction of the lower urinary tract: observations on bowel dynamics and the artificial urinary sphincter. Light JK, et al. **J Urol** 1985 Apr;133(4):594-7

Suboptimal selenium status in home parenteral nutrition patients with small bowel resections. Baptista RJ, et al. **JPEN** 1984 Sep-Oct;8(5):542-5

Effect of high percentage medium-chain triglyceride diet on mucosal adaptation following massive bowel resection in rats. Vanderhoof JA, et al. **JPEN** 1984 Nov-Dec;8(6):685-9

Short bowel syndrome. Experiences in eight patients. Engels LG, et al. **Neth J Med** 1984;27(8):275-82

Surgical management of irradiation-induced small bowel damage. Smith ST, et al. **Obstet Gynecol** 1985 Apr;65(4):563-7

Malignant tumors of the small bowel. Laws HL, et al. **South Med J** 1984 Sep;77(9):1087-90

Advantageous use of Salem sump nasogastric tube for intraoperative decompression of distended intestine. Gimmon Z. **Surg Gynecol Obstet** 1985 Jul;161(1):69-70

[Case of mesenteric thrombosis successfully treated by extensive resection of the small intestine] Manolov G, et al. **Khirurgiia (Sofiia)** 1985;38(2):72-3 **(Bul)**

[Case of extensive resection of the small intestine] Milushev G. **Khirurgiia (Sofiia)** 1984;37(5):415-6 **(Bul)**

[Growth of children under long-term total parenteral nutrition] Gonzales H, et al. **Arch Fr Pediatr** 1985 Apr;42(4):291-3 (Eng. Abstr.) **(Fre)**

[Extensive resection of the small intestine in children] Ricour C, et al. **Arch Fr Pediatr** 1985 Apr;42(4):285-90 (Eng. Abstr.) **(Fre)**

[Massive intestinal resection and intestinal and digestive rehabilitation] Guy JP, et al. **Cah Anesthesiol** 1985 Jan-Feb;33(1):71-2 **(Fre)**

[Function tests of the lower small intestine with 75selenium-labeled homotaurocholic acid in Crohn disease and resections of the small intestine] Balzer K, et al. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1452-7 (Eng. Abstr.) **(Ger)**

[Increase of bile acid reabsorption following total small intestine resection in the rat] Martinez P, et al. **Langenbecks Arch Chir** 1984;363(2):79-82 (Eng. Abstr.) **(Ger)**

[Massive resections of the small intestine: methods and possibility of functional compensation] Campana FP, et al. **Ann Ital Chir** 1985;57(1):13-32 (Eng. Abstr.) **(Ita)**

[Compensatory hypertrophy of the intestinal mucosa after massive resection of the small intestine] Gorini P, et al. **Ann Ital Chir** 1984;56(5):473-81 (Eng. Abstr.) **(Ita)**

[Autotransfusion in bilio-pancreatic bypass for the functional surgical therapy of obesity. Preliminary report] Friedman D, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):715-20 (Eng. Abstr.) **(Ita)**

[Experimental and clinical evaluation of small peptides as a nitrogen source in enteral nutrition (I). Nutritional usefulness following massive small bowel resection in the rat.] Kobayashi N, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):125-32 (Eng. Abstr.) **(Jpn)**

[Hypergastrinemia in liver cirrhosis, renal failure and conditions after small-intestinal resection as a pathogenetic factor in peptic ulcer] Hrynkiewicz Z. **Wiad Lek** 1984 Apr 15;37(8):625-30 (35 ref.) (Eng. Abstr.) **(Pol)**

[Prolonged parenteral feeding of a patient following subtotal resection of the small intestine] Smirnov VA, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):139-40 **(Rus)**

[Treatment of patients with incompletely formed intestinal fistulas] Vitsyn BA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):129-33 **(Rus)**

[Short bowel syndrome in children] Zaika VA. **Klin Khir** 1985;(6):60-3 (51 ref.) **(Rus)**

[Kinetics of the resorption of protein products following extensive and subtotal resection of the small intestine] Eriukhin IA, et al. **Vestn Khir** 1984 Sep;133(9):39-44 (Eng. Abstr.) **(Rus)**

[Cooling of the intestine for the purpose of restoring its viability] Kostin AE. **Vestn Khir** 1985 Mar;134(3):52-4 (Eng. Abstr.) **(Rus)**

[Use of a biocompatible antimicrobial polymer film for the prevention of incompetence of intestinal sutures in peritonitis] Polous IuM, et al. **Vestn Khir** 1985 Mar;134(3):55-7 (Eng. Abstr.) **(Rus)**

[Hermetization of sutures and serous membrane-lacking segments in operations on the intestines in children] Stepanov EA, et al. **Vestn Khir** 1985 May;134(5):136-7 **(Rus)**

[Effectiveness of an esophageo-small intestine (stomach) invagination anastomosis in cancer of the proximal stomach] Lisitsyn KM, et al. **Voen Med Zh** 1984 Oct;(10):24-8 **(Rus)**

TRANSPLANTATION

Anatomic and physiologic characteristics of transplanted fetal rat intestine. Bass BL, et al. **Ann Surg** 1984 Dec;200(6):734-41

A simplified technique of small intestinal transplantation in the rat. Harmel RP Jr. **J Pediatr Surg** 1984 Aug;19(4):400-3

In vitro allograft irradiation prevents graft-versus-host disease in small-bowel transplantation. Lee KK, et al. **J Surg Res** 1985 Apr;38(4):364-72

Failure of cyclosporine to prevent small bowel allograft rejection in pigs. Pritchard TJ, et al. **J Surg Res** 1985 Jun;38(6):553-8

Small bowel esophagoplasty with vascular microanastomoses in the neck for treatment of esophageal burns in childhood. Prévot J, et al. **Prog Pediatr Surg** 1985;18:108-17

Portal versus systemic venous drainage for small-bowel allografts. Schraut WH, et al. **Surgery** 1985 Sep;98(3):579-86

Growth and function of transplanted fetal rat intestine: effect of cyclosporine. Schwartz MZ, et al. **Surgery** 1985 Apr;97(4):481-6

Experimental small bowel transplantation utilizing cyclosporine. Raju S, et al. **Transplantation** 1984 Dec;38(6):561-6

Cyclosporine absorption in intestinal transplantation. Wassef R, et al. **Transplantation** 1985 May;39(5):496-9

[Immune reactions after allogeneic small bowel transplantation. Graft rejection and graft versus host reaction in the rat model] Deltz E. **Fortschr Med** 1984 Aug 16;102(29-30):760-2 (Eng. Abstr.) **(Ger)**

[Transplantation of the small intestine] Okada A, et al. **Nippon Rinsho** 1985 Jan;43(1):68-74 **(Jpn)**

[Intraorgan vascular bed of the transplanted small intestine after spontaneous and surgical restoration of lymph drainage from the transplant] Kirpatovskiĭ ID, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):42-9 (Eng. Abstr.) **(Rus)**

[Surgical and biological aspects of allotransplantation of the small intestine (2)] Kirpatovskiĭ ID, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):79-84 (Eng. Abstr.) **(Rus)**

[Surgical and biological aspects of allotransplantation of the small intestine (report I)] Kirpatovskiĭ ID, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):79-85 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Microdissection by ultrasonication: porosity of the intestinal epithelial basal lamina. McClugage SG, et al. **Am J Anat** 1984 Oct;171(2):207-16

Adrenal cortex hormones and small intestine of adult rat: morphology, purity and enzymatic activities of isolated microvillous vesicles. Gastaldi G, et al. **Basic Appl Histochem** 1984;28(4):381-9

Isotope specificity in the binding of mouse immunoglobulins to brush borders isolated from the neonatal mouse small intestine. Mackenzie NM, et al. **Biochem Soc Trans** 1984 Oct;12(5):747

Peptide transport in rabbit intestinal brush-border membrane vesicles studied with a potential-sensitive dye. Ganapathy V, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):234-40

Studies on the mechanism of cholesterol uptake and on the effects of bile salts on this uptake by brush-border membranes isolated from rabbit small intestine. Proulx P, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):586-93

Uptake of uric acid, xanthine and hypoxanthine by brush-border membrane vesicles from mouse small intestine. Shaw MI, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):530-8

Fenestrations of the basal lamina of intestinal villi of the rat. Scanning and transmission electron microscopy. Komuro T. **Cell Tissue Res** 1985;239(1):183-8

Contribution to the ultrastructure of the intercellular spaces of small intestine epithelium. Vagnerová R. **Folia Morphol (Praha)** 1984;32(4):403-5

Enteroglucagon cell hyperfunction in rat small intestine after gut resection. Buchan AM, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):8-12

The effect of concanavalin A and wheat germ agglutinin on the ultrastructure and permeability of rat intestine. A possible model for an intestinal allergic reaction. Sjölander A, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):230-6

Effect of valinomycin on membrane vesicle aggregation of porcine intestinal brush borders. Ohyashiki T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):665-70

The effects of ionic strength on the protein conformation and the fluidity of porcine intestinal brush border membranes. Fluorometric studies using N-[7-dimethylamino-4-methylcoumarinyl]maleimide and pyrene. Ohyashiki T, et al. **J Biol Chem** 1985 Jun 10;260(11):6857-61

Cell-adhesion molecule uvomorulin is localized in the intermediate junctions of adult intestinal epithelial cells. Boller K, et al. **J Cell Biol** 1985 Jan;100(1):327-32

A freeze-polishing method for observing intracellular structures by scanning electron microscopy. Inoué T, et al. **J Electron Microsc (Tokyo)** 1984;33(4):356-62

Localization of binding sites for concanavalin A, Ricinus communis I and Helix pomatia lectin in the Golgi apparatus of rat small intestinal absorptive cells. Pavelka M, et al. **J Histochem Cytochem** 1985 Sep;33(9):905-14

Enteric lesions and diarrhea in gnotobiotic calves monoinfected with Cryptosporidium species. Heine J, et al. **J Infect Dis** 1984 Nov;150(5):768-75

Ultrastructural study of alterations in the small intestinal epithelium of children with acute diarrhoea. Davidson GP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):682

Surface ultrastructure of the small intestine mucosa in children with celiac disease. I. Untreated disease and effects of long-term gluten elimination and challenge. Stenling R, et al. **Ultrastruct Pathol** 1984;6(4):295-305

Morphological and functional comparisons of Peyer's patches in different parts of the swine small intestine. Chu RM, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3-4):391-403

Biological and pathobiological aspects of the glycocalyx of the small intestinal epithelium. A review. Egberts HJ, et al. **Vet Q** 1984 Sep;6(4):186-99 (147 ref.)

[Ultrastructurometric study of the reaction of the enterocyte microvilli in the rat small intestine in natural feeding] Khvylia SI, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):624-7 (Eng. Abstr.) **(Rus)**

[Ultrastructural characteristics of lipid absorption] Mosevich TN, et al. **Dokl Akad Nauk SSSR** 1985;281(3):686-9 **(Rus)**

[Adhesive interactions of epithelial cells. The role of microviscosity and the lipid composition of the cell surface] Kucherianu VG, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):909-17 (Eng. Abstr.) **(Rus)**

[Electron microscopic research on the mechanism of intestinal secretion] Morozov IA, et al. **Tsitologiia** 1985 May;27(5):535-40 (Eng. Abstr.) **(Rus)**

INTESTINES

Further studies of intestinal heterotopia in urethral caruncle. Järvi OH, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Nov; 92(6):469-74

Preparation of an oral lavage solution for bowel cleansing [letter] Frye CB, et al. **Am J Hosp Pharm** 1985 Feb; 42(2):276, 278

Prophylaxis with whole gut irrigation and antimicrobials in colorectal surgery. A prospective, randomized double-blind clinical trial. Gottrup F, et al. **Am J Surg** 1985 Mar;149(3):317-22

Effects of enterocentesis on peritoneal fluid constituents in the horse. Schumacher J, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1301-3

Gut popularity. Hackett E. **Med J Aust** 1984 Dec 8-22; 141(12-13):860-2

ABNORMALITIES

Cloacal exstrophy: a 22-year experience. Diamond DA, et al. **J Urol** 1985 May;133(5):779-82

Syndrome of pulmonary isomerism of right lung type, congenital heart disease, pulmonary and systemic venous abnormalities and malrotation of the intestine, with a spleen or multiple spleens (m-anisosplenia): comparison with Ivemark asplenia syndrome. Diehl EJ, et al. **Pediatr Pathol** 1984;2(2):133-8

Syndrome of externally bilobed lungs with normal bronchial branch pattern, congenital heart disease, multiple spleens, intestinal malrotation and short pancreas: an apparently hitherto undefined malformation complex. Hatayama C, et al. **Pediatr Pathol** 1984;2(2):127-33

Association of congenital renal and intestinal lesions. Potts SR, et al. **Ulster Med J** 1983;52(2):164-6

Intestinal malrotation beyond the neonatal period. el-Gohari MA, et al. **Z Kinderchir** 1984 Aug;39(4):237-41

[Malrotation. Clinical and radiological findings] Skjødt T, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3817-21 (Eng. Abstr.) **(Dan)**

[Inverse malrotation combined with partial situs inversus] Skjødt T, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3843-4 (Eng. Abstr.) **(Dan)**

[Malrotation of the digestive tract] Mairlot MC, et al. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):451-63 (Eng. Abstr.) **(Fre)**

[Systems of membrane transport, genetics and nutrition; the example of congenital anomalies of intestinal transport in children] Desjeux JF, et al. **Reprod Nutr Dev** 1984; 24(5B):785-92 (Eng. Abstr.) **(Fre)**

[A case of tubular intestinal duplication not communicating with the intestinal lumen] Cartia Q, et al. **Minerva Chir** 1985 Jun 30;40(12):847-50 (Eng. Abstr.) **(Ita)**

[Intestinal duplication in the adult] Sperti C, et al. **Minerva Chir** 1984 May 31;39(10):843-6 (Eng. Abstr.) **(Ita)**

[An unusual case of inguinal hernia with intestinal and ureteral content] Carnevale E, et al. **Radiol Med (Torino)** 1984 Sep;70(9):641-2 **(Ita)**

[Embryo-pathogenic considerations and clinico-radiologic aspects of an enterogenous caudal cyst] Lomiento D, et al. **Radiol Med (Torino)** 1984 Sep;70(9):600-2 (Eng. Abstr.) **(Ita)**

[Congenital posterolateral diaphragmatic hernia associated with an intestinal malformation. Description of a case] Papalia A, et al. **Radiol Med (Torino)** 1984 Jul-Aug; 70(7-8):541-3 **(Ita)**

[Polyhydramnios associated with monolateral hydronephrosis, intestinal malrotation and duodenal stenosis] Riboni G, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):538-9 **(Ita)**

[Developmental anomalies of the intestine in the adult] Nekrasov LP, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):75-7 (Eng. Abstr.) **(Rus)**

ANALYSIS

Intestinal water-soluble mucins in germfree, exgermfree and conventional animals. Gustafsson BE, et al. **Acta Pathol Microbiol Immunol Scand** [B] 1984 Oct; 92(5):247-52

Molecular species of monoglycosylceramides in embryonic and adult Japanese quail intestine. Nishimura K, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):269-76

Goblet cell changes during intestinal adaptation to azoxymethane and enteric bypass in the rat. Olubuyide IO, et al. **Br J Cancer** 1985 Mar;51(3):383-8

Evidence for 5-hydroxytryptamine in neurones in the gut of the toad, Bufo marinus. Anderson C, et al. **Cell Tissue Res** 1984;238(2):313-7

A novel form of the polypeptide PHI isolated in high yield from bovine upper intestine. Relationships to other peptides of the glucagon-secretin family. Carlquist M, et al. **Eur J Biochem** 1984 Oct 15;144(2):243-7

A novel form of gastric inhibitory polypeptide (GIP) isolated from bovine intestine using a radioreceptor assay. Fragmentation with staphylococcal protease results in GIP1-3 and GIP4-42, fragmentation with enterokinase in GIP1-16 and GIP17-42. Carlquist M, et al. **Eur J Biochem** 1984 Dec 17;145(3):573-7

Comparison of spectrin isolated from erythroid and non-erythroid sources. Glenney JR Jr, et al. **Eur J Biochem** 1984 Nov 2;144(3):529-39

Peptide YY (PYY) immunoreactivity is co-stored with glucagon-related immunoreactants in endocrine cells of the gut and pancreas. Ali-Rachedi A, et al. **Histochemistry** 1984;80(5):487-91

Calcium-dependent conformational changes in the 36-kDa subunit of intestinal protein I related to the cellular 36-kDa target of Rous sarcoma virus tyrosine kinase. Gerke V, et al. **J Biol Chem** 1985 Feb 10;260(3):1688-95

1H nuclear magnetic resonance study of the two calcium-binding sites of porcine intestinal calcium-binding protein. Shelling JG, et al. **J Biol Chem** 1985 Jul 15; 260(14):8342-7

Rapid high-yield purification of canine intestinal motilin and its complete sequence determination. Reeve JR Jr, et al. **J Chromatogr** 1985 Mar 15;321(2):421-32

Isolation of high density lipoproteins from rat intestinal epithelial cells. Magun AM, et al. **J Clin Invest** 1985 Jan; 75(1):209-18

Immunocytochemical localization of 140 kD cell adhesion molecules in cultured chicken fibroblasts, and in chicken smooth muscle and intestinal epithelial tissues. Chen WT, et al. **J Histochem Cytochem** 1985 Jun;33(6):576-86

Measurement of monoamines and their metabolites in the interstitial fluid of the gut. Ruckebusch Y, et al. **J Pharmacol Methods** 1985 Apr;13(2):167-77

Differential regulation of the brain and gut immunoreactive dynorphin by the serotonin system. Majeed NH, et al. **Life Sci** 1985 Jul 29;37(4):339-43

The lipid composition of the spleen and intestinal and popliteal lymph nodes in the sheep. Christie WW, et al. **Lipids** 1985 Jun;20(6):389-92

Purification and sequencing of a rat intestinal 22 amino acid C-terminal CCK fragment. Eng J, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1203-6

Unique cholecystokinin peptides isolated from guinea pig intestine. Zhou ZZ, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):337-41

Coexistence of peptide YY and glicentin immunoreactivity in endocrine cells of the gut. Böttcher G, et al. **Regul Pept** 1984 Jul;8(4):261-6

ANATOMY & HISTOLOGY

Bovine intestinal surgery. Smith DF. **Mod Vet Pract** 1984 Sep;65(9):705-10

Noted difference in the digestive system in caged and floor-reared commercial egg-type pullets. Deaton JW, et al. **Poult Sci** 1985 May;64(5):1035-7

Quantitative morphological methods in intestinal research. Helander HF. **Scand J Gastroenterol [Suppl]** 1985;112:1-5

Scanning electron microscopic observation on the luminal surface of the intestine in lamprey (Lampetra japonica) during upstream migration. Ishikawa K, et al. **Z Mikrosk Anat Forsch** 1984;98(5):699-704

BLOOD SUPPLY

Does dopamine suppress stress-induced intestinal and renal vasoconstriction? Winsö O, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):508-14

Role of humoral factors in the intestinal hyperemia associated with chronic portal hypertension. Benoit JN, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G486-93

Circulatory effects of splanchnic nerve stimulation in developing swine. Buckley NM, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H69-74

Capillary pressures in rat intestinal muscle and mucosal villi during venous pressure elevation. Davis MJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H174-87

Possible mechanisms for the initiation and maintenance of postprandial intestinal hyperemia. Gallavan RH Jr, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G301-8 (83 ref.)

Effects of temperature on ileal blood flow and oxygenation. Kvietys PR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G246-9

Microsphere passage through intestinal circulation: via shunts or capillaries? Maxwell LC, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 2):H217-24

Postprandial regulation of intestinal blood flow: role of gastrointestinal hormones. Premen AJ, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G250-5

Selective vasodilators redistribute intestinal blood flow and depress oxygen uptake. Shepherd AP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G377-84

Intestinal ischemia: reduction of mortality utilizing intraluminal perfluorochemical. Ricci JL, et al. **Am J Surg** 1985 Jan;149(1):84-90

Serum phosphate levels in acute bowel ischemia. An aid to early diagnosis. Feretis CB, et al. **Am Surg** 1985 Apr; 51(4):242-4

Intestinal circulation during inhalation anesthesia. Tverskoy M, et al. **Anesthesiology** 1985 Apr;62(4):462-9

Marginal artery of Drummond in aorto-arteritis. Gupta SK, et al. **Australas Radiol** 1984 Nov;28(4):353-7

Canine postradiation histamine levels and subsequent response to Compound 48/80. Cockerham LG, et al **Aviat Space Environ Med** 1984 Nov;55(11):1041-5

Correlation between fluorescein flowmetry, 133Xenon clearance and electromagnetic flow measurement: a study in the intestine of the pig. Perbeck L, et al. **Clin Physiol** 1985 Jun;5(3):293-9

Colloid solution therapy of experimental ischemic intestinal shock in rats. Dawidson I, et al. **Crit Care Med** 1985 Sep; 13(9):709-14

Antihistamines block radiation-induced increased intestinal blood flow in canines. Cockerham LG, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):597-604

Ischemic bowel disease: diagnosis and prognosis. Khan AH, et al. **Geriatrics** 1984 Nov;39(11):63-5, 68-70, 72 passim

Intestinal ischaemia [editorial] Gillespie IE. **Gut** 1985 Jul; 26(7):653-5

Adenosine and diltiazem. A new therapeutic concept in the treatment of intestinal ischemia. Seemann WR, et al. **Invest Radiol** 1985 Mar-Apr;20(2):166-70

Short bowel syndrome: a case report and literature review. Sheil O, et al. **Ir J Med Sci** 1985 Feb;154(2):80-2

Polymeric dyes: useful nonabsorbable reference markers for intestinal perfusion studies in animals. Dupas JL, et al. **J Pharm Sci** 1985 Mar;74(3):328-30

Adynamic ileus following induced hypotension [letter] **JAMA** 1985 Oct 4;254(13):1721

Noninvasive diagnosis of intestinal angina. Jäger KA, et al. **JCU** 1984 Nov-Dec;12(9):588-91

Possible involvement of capsaicin-sensitive sensory nerves in the regulation of intestinal blood flow in the dog. Rózsa Z, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):352-6

Vascular reconstruction in intestinal angina. van Lanschot JJ, et al. **Neth J Surg** 1984 Dec;36(6):151-5

Chronic intestinal ischemia. The Lahey Clinic approach to management. Jaxheimer EC, et al. **Surg Clin North Am** 1985 Feb;65(1):123-30

Intestinal ischemia caused by cocaine ingestion: report of two cases. Nalbandian H, et al. **Surgery** 1985 Mar;97(3):374-6

Reconstructive vascular surgery for intestinal angina. Harvey CF, et al. **Ulster Med J** 1983;52(1):40-7

An endoscopic Doppler probe for assessing intestinal vasculature. Martin RW, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):61-9

[Changes of serum phosphate levels in acute intestinal strangulation—an experimental study] Wang DZ. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):341-3, 382 (Eng. Abstr.) **(Chi)**

[Intestinal infarction (pathogenesis, diagnosis, therapy)] Tagliacozzo S, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov;20(5):281-8 (Eng. Abstr.) **(Fre)**

[Intestinal varices and portal hypertension] Bruet A, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):725-32 (102 ref.) **(Fre)**

[Ischemic damage of the distal digestive tract after angioplastic surgery of the infrarenal aorta for aneurysm or aorto-ilio-femoral obstruction (Leriche's syndrome)] Boumghar M. **J Chir (Paris)** 1985 Apr;122(4):225-34 (Eng. Abstr.) **(Fre)**

[Intestinal ischemia associated with aorto-bifemoral bypass] Morin JF, et al. **Union Med Can** 1984 Jun;113(6):508-10, 521 (Eng. Abstr.) **(Fre)**

[An ischemic-septic disease picture following acute occlusion of the superior mesenteric artery] Pircher W, et al. **Zentralbl Chir** 1984;109(16):1056-65 (Eng. Abstr.) **(Ger)**

[Use of Doppler ultrasonics for the evaluation of the blood supply of intestinal loops] Ucchino S, et al. **Ann Ital Chir** 1984;56(3):321-30 **(Ita)**

[Intestinal infarct. Review of 16 cases] Meo G, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1741-4 (Eng. Abstr.) **(Ita)**

[Intestinal infarction. Apropos of 13 cases] Zanetti PP, et al. **Minerva Chir** 1984 Nov 30;39(22):1555-64 (Eng. Abstr.) **(Ita)**

[Carcinoid tumor of the ileum and intestinal ischemia] Melo CR, et al. **AMB** 1984 Sep-Oct;30(9-10):208-9 **(Por)**

[Intestinal angiodysplasia] Popa C, et al. **Rev Chir [Chir]** 1984 Sep-Oct;33(5):343-9 (Eng. Abstr.) **(Rum)**

[Objective method of determining intestinal viability] Kostin AE. **Klin Khir** 1985 Feb;(2):27-8 (Eng. Abstr.) **(Rus)**

[Intestinal ischemia] Abasov IT. **Klin Med (Mosk)** 1985 Feb; 63(2):140-5 **(Rus)**

[Role of arteriosclerosis in the development of an acute disorder of the mesenteric circulation] Gagarin VV. **Vestn Khir** 1984 Oct;133(10):52-6 (Eng. Abstr.) **(Rus)**

[Intestinal malabsorption syndrome as the presenting form of chronic intestinal ischemia (letter)] Fernandez J, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):504-5 **(Spa)**

[Results of surgical treatment in intestinal infarcts: study of

19 cases with clinico-pathologic correlation] Gómez Castro A, et al. **Rev Esp Enferm Apar Dig** 1984 Sep;66(3):205-10 (Eng. Abstr.) **(Spa)**

CYTOLOGY

A new method for determination of relative ion permeabilities in isolated cells. Kimmich GA, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C399-405

Distribution of immunoglobulin-bearing cells in the gut-associated lymphoid tissues of the turkey: effect of antibiotics. Cook J, et al. **Am J Vet Res** 1984 Oct; 45(10):2189-92

Mast cell mediators with emphasis on intestinal mast cells. Metcalfe DD. **Ann Allergy** 1984 Dec;53(6 Pt 2):563-75 (92 ref.)

Expression of digestive and absorptive function in differentiating enterocytes. Smith MW. **Annu Rev Physiol** 1985;47:247-60 (57 ref.)

Variations in dietary triacylglycerol saturation alter the lipid composition and fluidity of rat intestinal plasma membranes. Brasitus TA, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):460-72

Cell migration pathway in the intestinal epithelium: an in situ marker system using mouse aggregation chimeras. Schmidt GH, et al. **Cell** 1985 Feb;40(2):425-9

Comparison of tritiated thymidine and metaphase arrest techniques of measuring cell production in rat intestine. Sharp JG, et al. **Dig Dis Sci** 1984 Dec;29(12):1153-8

Murine intestinal intraepithelial lymphocytes II. Comparison of freshly isolated and cultured intraepithelial lymphocytes. Ernst PB, et al. **Eur J Immunol** 1985 Mar;15(3):216-21

Murine intestinal intraepithelial lymphocytes I. Relationship of a novel Thy-1-,Lyt-1-,Lyt-2+, granulated subpopulation to natural killer cells and mast cells. Petit A, et al. **Eur J Immunol** 1985 Mar;15(3):211-5

Organ specificity of epithelial cells grown in tissue culture from explants obtained from various levels of the rat gut. Kondo Y, et al. **Exp Cell Res** 1985 Jul;159(1):158-70

Vasoactive intestinal peptide receptor activity and specificity during enterocyte-like differentiation and retrodifferentiation of the human colonic cancerous subclone HT29-18. Chastre E, et al. **FEBS Lett** 1985 Sep 2;188(2):197-204

Distribution of the lymphoid cells in the intestinal epithelium of mice. A preliminary communication. Rowiński J, et al. **Folia Morphol** 1984;43(2):105-8

Development of fetal rat intestine in organ and monolayer culture. Quaroni A. **J Cell Biol** 1985 May;100(5):1611-22

Distribution of apolipoproteins A-I and B among intestinal lipoproteins. Alpers DH, et al. **J Lipid Res** 1985 Jan; 26(1):1-10

[Functional and specific vasoactive intestinal peptide receptors in enterocytes isolated from fetal or adult rats] Chastre E, et al. **C R Acad Sci [III]** 1985;300(9):399-404 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

On the possible role of prostaglandin E2 in intestinal stasis in the gastric brooding frog Rheobatrachus silus. de la Lande IS, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):317-23

Structure-activity relationships of atrial natriuretic factor (ANF). I. Natriuretic activity and relaxation of intestinal smooth muscle. Thibault G, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):938-46

Effects of p-chlorophenylalanine on the sensitivity of rat intestine to agonists and on intestinal 5-hydroxytryptamine levels during Nippostrongylus brasiliensis infection. Farmer SG, et al. **Br J Pharmacol** 1984 Aug;82(4):883-9

Effects of metronidazole on intestinal transit time and faecal weights of human subjects. Kurpad AV, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):551-3

In vivo effects of cadmium on some enzyme activities in tissues of the freshwater catfish, Heteropneustes fossilis. Sastry KV, et al. **Environ Res** 1985 Feb;36(1):32-45

The production of arachidonate lipoxygenase products by rat intestine is increased by phenolphthalein. Capasso F, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):419-22

Adenosine increases an internal calcium store in the smooth muscle of guinea-pig taenia coli. Frischknecht R, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):109-12

Effect of chronic ethanol ingestion on hepatic and intestinal acyl coenzyme a:cholesterol acyltransferase and 3-hydroxy-3-methylglutaryl coenzyme a reductase in the rat. Field FJ, et al. **Hepatology** 1985 Jan-Feb;5(1):133-8

Effects of Escherichia coli heat-stable enterotoxin STb on intestines of mice, rats, rabbits, and piglets. Kennedy DJ, et al. **Infect Immun** 1984 Dec;46(3):639-43

A possible mechanism in interaction of a partial agonist with beta-adrenoceptor in guinea-pig taenia caecum: effects of Gpp(NH)p on its two different binding sites. Koike K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):169-76

Mechanism of relaxant action of papaverine. VI. Sodium ion dependence of its effect on 45Ca-efflux in guinea-pig taenia coli. Sunagane N, et al. **Jpn J Pharmacol** 1985 Jun; 38(2):133-9

Intestinal chemosensitivity. Mei N. **Physiol Rev** 1985 Apr; 65(2):211-37 (189 ref.)

The influence of arachidonic acid metabolites on cell division in the intestinal epithelium and in colonic tumors. Petry FM, et al. **Prostaglandins Leukotrienes Med** 1984 Sep; 15(3):349-58

Piretanide induced changes on transepithelial potential difference in the intestine of Mauremys caspica. Acevedo M, et al. **Rev Esp Fisiol** 1984 Jun;40(2):255-6

[Secondary intestinal effects of antibiotics] Vilde JL, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb; 20(1):37-40 **(Fre)**

[Mechanogram profile of the guinea pig intestine. The refractory phase] Zamboni P, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1935-41 (Eng. Abstr.) **(Ita)**

[Effect of homologous serum globulin preparations on the intestinal automicroflora of mice after irradiation] Pinegin BV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep; (9):61-5 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Molecular species of monoglycosylceramides in embryonic and adult Japanese quail intestine. Nishimura K, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):269-76

Effects of human fetal gastroenteric mesenchymal cells on some developmental aspects of animal gut endoderm. Lacroix B, et al. **Differentiation** 1984;28(2):129-35

1 alpha,25-Dihydroxyvitamin D-induced modification of a cytosolic protein in embryonic chick intestine. Bishop CW, et al. **J Biol Chem** 1985 May 10;260(9):5209-12

Transient and differential expression of aspects of the catecholaminergic phenotype during development of the fetal bowel of rats and mice. Gershon MD, et al. **J Neurosci** 1984 Sep;4(9):2269-80

[The cells with a transient adrenergic phenotype in the embryonic intestines of rodents are neuronal in nature] Cochard P. **C R Acad Sci [III]** 1984;299(7):209-14 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Optimum effectiveness of intestinal alpha-glucosidase inhibitors: importance of uniform distribution through a meal. O'Dea K, et al. **Am J Clin Nutr** 1985 Mar;41(3):511-6

Differentiation of human adult and fetal intestinal alkaline phosphatases with monoclonal antibodies. Vockley J, et al. **Am J Hum Genet** 1984 Sep;36(5):987-1000

Relation between dietary-induced increase of intestinal lactase activity and lactose digestion and absorption in adult rats. Leichter J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G729-35

Hepatic clearance of rat plasma intestinal alkaline phosphatase. Young GP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G419-26

Quantitation of human intestinal and liver/bone alkaline phosphatase in serum by rocket electroimmunoassay. Alpers DH, et al. **Anal Biochem** 1984 Jul;140(1):129-37

Changes of intestinal alkaline phosphatase produced by cholecalciferol or 1,25-dihydroxyvitamin D3 in vitamin D-deficient chicks. Moreno J, et al. **Arch Biochem Biophys** 1985 Jul;240(1):201-6

Different genes code for alkaline phosphatases from human fetal and adult intestine. Mueller HD, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):427-33

Structural and functional assembly of rat intestinal cytochrome P-450 isozymes. Effects of dietary iron and selenium. Pascoe GA, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):599-608

In vitro regulation of 3-hydroxy-3-methylglutarylcoenzyme A reductase and acylcoenzyme A: cholesterol acyltransferase activities by phosphorylation-dephosphorylation in rabbit intestine. Field FJ, et al. **Biochim Biophys Acta** 1984 Nov 6; 802(1):9-16

Role of mevalonate-5-pyrophosphate decarboxylase in the regulation of chick intestinal cholesterogenesis. Gonzalez-Pacanowska D, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):449-55

Evidence for the existence of multiple forms of choline (ethanolamine) kinase in rat tissues. Ishidate K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):1-8

Intralumenal alkaline phosphatase of the calf intestine. Ehle H, et al. **Biomed Biochim Acta** 1985;44(2):223-33

Mapping of proteolytic and cyanogen bromide peptides from subunits of intestinal maltase-glucoamylase: evidence for significant homology. Lee L, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):257-62

Metabolism in marine flatfish—III. Measurement of elastase activity in the digestive tract of Dover sole (Solea solea L.). Clark J, et al. **Comp Biochem Physiol [B]** 1985; 81(3):695-700

Intestinal folate conjugase activity and folate absorption in the ethanol-fed pregnant rat. Leichter J, et al. **Drug Nutr Interact** 1984;3(1):53-9

Comparison of detergent versus protease solubilized rat intestinal lactase. Neu J, et al. **Enzyme** 1984;32(3):133-41

Characterization and function of pig intestinal sucrase-isomaltase and its separate subunits. Rodriguez IR, et al. **Eur J Biochem** 1984 Sep 17;143(3):575-82

Alkaline phosphatase of the calf intestine hydrolyzes phospholipids. Ehle H, et al. **FEBS Lett** 1985 Apr 22; 183(2):413-6

The carbohydrate moiety of aminopeptidase N of rabbit intestinal brush-border membrane. Massey D, et al. **FEBS Lett** 1985 Feb 25;181(2):207-10

Effect of dietary indole-3-carbinol on intestinal and hepatic monooxygenase, glutathione S-transferase and epoxide hydrolase activities in the rat. Bradfield CA, et al. **Food Chem Toxicol** 1984 Dec;22(12):977-82

Human intestinal brush border peptidases. Tobey N, et al. **Gastroenterology** 1985 Apr;88(4):913-26

Solubilization of rat intestinal microvillus membranes with sodium dodecyl sulphate: changes in kinetic properties of alkaline phosphatase. Mahmood S, et al. **Indian J Gastroenterol** 1985 Jul;4(3):155-7

In situ biochemical studies of intestinal alkaline phosphatase in normal and phosphate-depleted rats by microdensitometry. Bader CA, et al. **J Biol Chem** 1984 Oct 10;259(19):11658-61

Amino acid sequence of the active site peptide of bovine intestinal 5'-nucleotide phosphodiesterase and identification of the active site residue as threonine. Culp JS, et al. **J Biol Chem** 1985 Jul 15;260(14):8320-4

De novo synthesis of brush border membrane enzymes during intestinal perfusion with bile salt in the rat. Bossmann B, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):449-51

Digestion and absorption of carbohydrates in fowl and events through perinatal development. Moran ET Jr. **J Nutr** 1985 May;115(5):665-74 (62 ref.)

The effect of immediate-type gastrointestinal allergic reactions on brush border enzymes and gut morphology in the rat. Freier S, et al. **Pediatr Res** 1985 May;19(5):456-9

Normal pancreatic and intestinal enzymes in hypophagic growth-retarded rats that received dorsomedial hypothalamic lesions shortly after weaning. Bernardis LL, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):245-53

Human placental alkaline phosphatase in liver and intestine. Garattini E, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6080-4

Structural analysis of human adult and fetal alkaline phosphatases by cyanogen bromide peptide mapping. Vockley J, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):6120-3

Studies of intestinal-like alkaline phosphatase (the Kasahara variant). Hada T, et al. **Prog Clin Biol Res** 1984;166:235-42

Abrupt induction of a membrane digestive enzyme by its intraintestinal substrate. Reisenauer AM, et al. **Science** 1985 Jan 4;227(4682):70-2

[Lactase activity of the brush-border of the enterocyte. Genetic and dietetic effects] Brasseur D, et al. **Acta Gastroenterol Belg** 1984 Mar-Apr;47(2):115-22 (Eng. Abstr.) **(Fre)**

[Enzyme activity and ultrastructure of the intestinal epithelium in mice treated with rifampicin] Cellesi C, et al. **Boll Ist Sieroter Milan** 1985;64(2):150-4 (Eng. Abstr.) **(Ita)**

IMMUNOLOGY

Isolation and characterization of cytotoxic effector cells and antibody producing cells from human intestine. MacDermott RP. **Acta Chir Scand [Suppl]** 1985;525:25-43

New approaches to gut immunology: intestinal-cell isolation. Peña AS. **Acta Chir Scand [Suppl]** 1985;525:7-10

Intestinal antibodies in rats following exposure to live Vibrio cholerae. Cooper GN, et al. **Aust J Exp Biol Med Sci** 1984 Aug;62 (Pt 4):465-77

Antigen-specific response among T lymphocytes following intestinal administration of alloantigens. Husband AJ, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):687-99

Epithelial cell renewal and antibody transfer in the intestine of the foetal and neonatal lamb. Smeaton TC, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):41-51

Transport abnormalities during intestinal anaphylaxis in the rat: effect of antiallergic agents. Perdue MH, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):498-503

The regional distribution and the chemical, chromatographic, and immunologic characterization of motilin brain peptides: the evidence for a difference between brain and intestinal motilin-immunoreactive peptides. Beinfeld MC, et al. **J Neurosci** 1985 Sep;5(9):2502-9

Specific autoantibodies to gut epithelium in two infants with severe protracted diarrhoea. Savage MO, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):187-95

Fluctuation of antiviral resistance in the intestinal tracts of nude mice infected with a mouse adenovirus. Umehara K, et al. **Microbiol Immunol** 1984;28(6):679-90

Concentrations of the secretory immunoglobulin A in intestines of piglets. Inoue T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):881-3

Factors influencing intestinal uptake of food antigens. Levinsky RJ. **Proc Nutr Soc** 1985 Feb;44(1):81-6 (15 ref.)

Effect of an Escherichia coli strain on intestinal IgA plasmocyte stimulation and serum antibody response in gnotobiotic mice. Moreau MC, et al. **Prog Clin Biol Res** 1985;181:391-4

Application of electroblotting technique to studies of the intestinal antibody response to extractable fecal antigens. Folkersen J, et al. **Scand J Gastroenterol** 1985 Mar; 20(2):247-53

INJURIES

Evaluation of injured intestine with the aid of fluorescein. Marzella L, et al. **Am Surg** 1984 Nov;50(11):599-602

Bowel injuries during laparoscopy. Gross anatomy and histology. Levy BS, et al. **J Reprod Med** 1985 Mar; 30(3):168-72

Analytical diagnostic peritoneal lavage in the diagnosis of intra-abdominal injury. Thompson DC, et al. **J Trauma** 1985 May;25(5):400-4

[Wounds of the digestive tube (especially of the colon and rectum)] Boutelier P. **Ann Gastroenterol Hepatol (Paris)** 1984 Oct-Nov;20(5):271-4 (Eng. Abstr.) **(Fre)**

[Nonpenetrating gunshot wound of the abdominal wall with multiple injuries to the intestines and mesentery] Tsagurishvili AV, et al. **Klin Khir** 1985 May;(5):67 **(Rus)**

INNERVATION

Neuron-specific enolase as a marker for intestinal neurons. An immunocytochemical study of the human intestinal tract. Frykberg T, et al. **Acta Neuropathol (Berl)** 1985; 66(3):184-7

Is histamine a neurotransmitter in the gut? Evidence from histidine decarboxylase immunocytochemistry. Ekblad E, et al. **Acta Physiol Scand** 1985 Feb;123(2):225-7

Intestinal nerves and ion transport: stimuli, reflexes, and responses. Hubel KA. **Am J Physiol** 1985 Mar;248(3 Pt 1):G261-71 (114 ref.)

Cytodifferentiation of the interstitial cells of Cajal related to the myenteric plexus of mouse intestinal muscle coat. An E.M. study from foetal to adult life. Faussone-Pellegrini MS. **Anat Embryol (Berl)** 1985;171(2):163-9

A study of the myenteric plexus of the congenital aganglionosis rat (spotting lethal). Nagahama M, et al. **Anat Embryol (Berl)** 1985;171(3):285-96

Quinine blocks a calcium-activated potassium conductance in mammalian enteric neurones. Cherubini E, et al. **Br J Pharmacol** 1984 Sep;83(1):3-5

Aganglionosis of the entire bowel: four new cases and review of the literature. Di Lorenzo M, et al. **Br J Surg** 1985 Aug; 7(8):657-8

Somatostatin in human enteric nerves. Distribution and characterization. Keast JR, et al. **Cell Tissue Res** 1984; 237(2):299-308

Neurofilament expression in vagal neural crest-derived precursors of enteric neurons. Payette RF, et al. **Dev Biol** 1984 Oct;105(2):273-87

Selectivity in sympathetic innervation during development and regeneration in the rat. Hill CE. **Experientia** 1985 Jul 15;41(7):857-62 (56 ref.)

Clinical and histologic studies of neuronal intestinal dysplasia. Munakata K, et al. **J Pediatr Surg** 1985 Jun;20(3):231-5

Evidence that enteric cholinergic neurones project orally in the intestinal nerve of the chicken. Hodgkiss JP. **Q J Exp Physiol** 1984 Oct;69(4):797-807

METABOLISM

Reduced intestinal permeability to low-molecular-weight polyethyleneglycols (PEG 400) in patients with jejunoileal bypass. Sundqvist T, et al. **Acta Chir Scand** 1984; 150(7):567-71

Auranofin treatment of rats: adaptation to intestinal adverse effects and observations on the cytosolic distribution of gold in the intestines, liver and kidneys. Glennås A. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):404-9

Postrenal modification of urine in birds. Anderson GL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R93-8

Effects of varying hematocrit on intestinal oxygen uptake in neonatal lambs. Holzman IR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G432-6

Dietary fat assimilation and bile salt absorption in the killifish intestine. Honkanen RE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G399-407

Alpha 2-adrenergic receptor-mediated regulation of intestinal calcium transport. Hyun CS, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C117-23

Enhanced intestinal insulinotropic effect in streptozotocin-diabetic rats. Ikeda T, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E304-8

Kinetic analysis of mechanism of intestinal Na + -dependent sugar transport. Restrepo D, et al. **Am J Physiol** 1985 May; 248(5 Pt 1):C498-509

Intestinal membrane lipid composition and fluidity during development in the rat. Schwarz SM, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G200-7

Intestinal triglycerides are derived from both endogenous and exogenous sources. Shiau YF, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G164-9

Calcium regulation in blowflies: absence of a role for midgut. Taylor CW. **Am J Physiol** 1985 Aug;249(2 Pt 2):R209-13

Role of lymph flow in intestinal chylomicron transport. Tso P, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G21-8

Potential mutagenic activity of some vitamin preparations in the human gut. Mader JA, et al. **Appl Environ Microbiol** 1984 Oct;48(4):902-4

Biological activity assessment of the 26,23-lactones of 1,25-dihydroxyvitamin D3 and 25-hydroxyvitamin D3 and their binding properties to chick intestinal receptor and plasma vitamin D binding protein. Wilhelm F, et al. **Arch Biochem Biophys** 1984 Sep;233(2):322-9

Gastric emptying and intestinal transit in Bufo marinus and the actions of E prostaglandins. Taylor PM, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):223-30

Glucuronidation and sulfation in the rat in vivo. The role of the liver and the intestine in the in vivo clearance of 4-methylumbelliferone. Mulder GJ, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1325-9

Sulfation in isolated enterocytes of guinea pig: dependence on inorganic sulfate. Schwarz LR, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3353-6

Biosynthesis of 4D-hydroxysphinganine by the rat. En bloc incorporation of the sphinganine carbon backbone. Crossman MW, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):411-6

The role of fatty acids in the regulation of brush-border Ca2+ transport. Kreutter D, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):261-6

Intestinal sugar transport during ageing. Lindi C, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):411-4

Intestinal mucins and cholesterol uptake in vitro. Mayer RM, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):34-43

Intestinal transmission of macromolecules (BSA and FITC-dextran) in the neonatal pig: enhancing effect of colostrum, proteins and proteinase inhibitors. Weström BR, et al. **Biol Neonate** 1985;47(6):359-66

Cholesterol metabolism. Miller JP. **Br J Clin Pract [Symp Suppl]** 1984;31:63-9

Effect of nitrosoureas on calmodulin activity in vitro and in mouse intestine in vivo. Harrison SD Jr, et al. **Cancer Chemother Pharmacol** 1985;14(2):146-9

Formation of DNA adducts in vivo in rat liver and intestinal epithelium after administration of the carcinogen 3,2'-dimethyl-4-aminobiphenyl and its hydroxamic acid. Westra JG, et al. **Carcinogenesis** 1985 Jan;6(1):37-44

Immunohistochemical localization of (neuro)peptide hormones in endocrine cells and nerves of the gut of a stomachless teleost fish, Barbus conchonius (Cyprinidae). Rombout JH, et al. **Cell Tissue Res** 1984;237(1):57-65

Intestinal metabolism of 2,4-dinitrotoluene in rats. Mori M, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):327-32

Mechanisms by which cyclic nucleotides and other intracellular mediators regulate secretion. de Jonge HR, et al. **Ciba Found Symp** 1985;112:116-38

Na transport and enzyme activities in the intestine of the freshwater and sea-water adapted trout (Salmo gairdnerii R.). Colin DA, et al. **Comp Biochem Physiol [A]** 1985; 81(3):695-8

A study of androgen-stimulated L-leucine transport by the intestine of rainbow trout (Salmo gairdneri Richardson) in vitro. Habibi HR, et al. **Comp Biochem Physiol [A]** 1984; 79(1):143-9

Sodium-dependent absorption of inorganic phosphate by the carp intestine. Nakamura Y. **Comp Biochem Physiol [A]** 1985;80(3):437-9

Does aging affect the intestinal transport of 5-methyltetrahydrofolate? Said HM, et al. **Digestion** 1984; 30(4):231-5

Presystemic and systemic intestinal metabolism of fenoterol in the conscious rat. Koster AS, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):464-70

Metabolism of 7,12-dimethylbenz(a)anthracene and its DNA adduct formation in human fetal kidney and intestinal cells in culture. Oravec CT, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):76-80

Enhancement of xenobiotic elimination: role of intestinal excretion. Israili ZH, et al. **Drug Metab Rev** 1984; 15(5-6):1123-59 (190 ref.)

Epidermal growth factor receptors in isolated adult mouse intestinal cells: studies in vivo and in organ culture. Gallo-Payet N, et al. **Endocrinology** 1985 Jan; 116(1):194-201

Analysis of hormone- and polynucleotide/histone-binding sites of the chicken intestinal 1,25-dihydroxyvitamin D3 receptor by means of proteolysis. Mellon WS. **Endocrinology** 1985 Apr;116(4):1408-17

Deoxynojirimycin inhibits the formation of Glc3Man9GlcNAc2-PP-dolichol in intestinal epithelial cells in culture. Romero PA, et al. **FEBS Lett** 1985 Apr 8;183(1):29-32

Neuromodulation of intestinal ion transport. Symposium summary. **Fed Proc** 1984 Nov;43(14):2929-34

VIth meeting of the European Intestinal Transport Group. Pamplona, Spain, September 27-29, 1984. **Gastroenterol Clin Biol** 1984 Nov;8(11):861-75

Fluid mechanics and intestinal transit [letter] Amidon GL. **Gastroenterology** 1985 Mar;88(3):858

Influence of morphine tolerance and withdrawal on intestinal salt and water transport in the rat in vivo and in vitro. Warhurst G, et al. **Gastroenterology** 1984 Nov; 87(5):1035-41

Prostaglandin A2 receptor in rat intestinal basolateral plasma membranes. Matsukawa R, et al. **Gen Pharmacol** 1985; 16(2):121-4

Isolation of a cDNA clone containing a sequence complementary to the intestinal calcium-binding protein of the chick. Ferrari S, et al. **Gene** 1984 Oct;30(1-3):233-6

Comparative studies on the effect of a single oral dose of DDT or malathion on intestinal uptake of nutrients and brush border membrane enzymes in guinea pigs. Singh R, et al. **Indian J Gastroenterol** 1984 Jul;3(3):151-3

Binding of the two components of C2 toxin to epithelial cells and brush borders of mouse intestine. Ohishi I, et al. **Infect Immun** 1985 Jun;48(3):769-75

Site and extent of starch and neutral detergent fiber digestion as affected by source of calcium and level of corn. Brink DR, et al. **J Anim Sci** 1985 May;60(5):1330-7

Regulation of the biosynthesis of two distinct fatty acid-binding proteins in rat liver and intestine. Influences of sex difference and of clofibrate. Bass NM, et al. **J Biol Chem** 1985 Feb 10;260(3):1432-6

Lead-binding properties of intestinal calcium-binding proteins. Fullmer CS, et al. **J Biol Chem** 1985 Jun 10; 260(11):6816-9

Identification and conformational changes of the intestinal proline carrier. Wright EM, et al. **J Biol Chem** 1984 Dec 25;259(24):14993-6

Distribution of immunoreactive growth hormone-releasing hormone in the human brain and intestine and its production by tumors. Christofides ND, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):747-51

Transport of urokinase across the intestinal tract of normal human subjects with stimulation of synthesis and/or release of urokinase-type proteins. Toki N, et al. **J Clin Invest** 1985 Apr;75(4):1212-22

Intestinal metabolism of a random-bonded polyglucose bulking agent in humans: in vitro and in vivo studies of hydrogen evolution. Solomons NW, et al. **J Lab Clin Med** 1985 May;105(5):585-92

Role of acyl-CoA: cholesterol acyltransferase in cellular cholesterol metabolism. Suckling KE, et al. **J Lipid Res** 1985 Jun;26(6):647-71 (166 ref.)

Immunocytochemical localization of substance P, methionine-enkephalin and somatostatin in the cat intestinal wall. Lolova I, et al. **J Neural Transm** 1984; 60(2):71-88

Uptake of BSA and production of the antibody against BSA in rat intestine. Iwase T, et al. **J Nihon Univ Sch Dent** 1985 Mar;27(1):20-7

The binding of dietary protein by sorghum tannins in the digestive tract of pigs. Mitaru BN, et al. **J Nutr** 1984 Oct; 114(10):1787-96

Transport of electrolytes, water, and glucose in zinc deficiency. Ghishan FK. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):608-12

Transport of theophylline from blood to the intestinal lumen following i.v. administration to rats. Arimori K, et al. **J Pharmacobiodyn** 1985 Apr;8(4):324-7

The mechanism of intestinal transport of sulfamethoxazole and the effect of chlorpromazine in rat everted intestine. Chung YH, et al. **J Pharmacobiodyn** 1985 Feb;8(2):142-9

Disposition of beta-glucuronidase-resistant 'glucuronides' of valproic acid after intrabiliary administration in the rat: intact absorption, fecal excretion and intestinal hydrolysis. Dickinson RG, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):214-21

Abnormal bowel permeability in ankylosing spondylitis and rheumatoid arthritis. Smith MD, et al. **J Rheumatol** 1985 Apr;12(2):299-305

Distribution and quantitation of immunoreactive gut neuropeptides in piebald mice and their normal littermates. Kaufman BH, et al. **J Surg Res** 1985 May;38(5):479-83

Mechanisms of intestinal electrolyte transport and regulation by calcium. Proceedings of a conference. Santa Ynez Valley, California, September 26-30, 1983. **KROC Found Ser** 1984;17:1-374

Systemic acid-base disorders and intestinal electrolyte transport. Charney AN, et al. **KROC Found Ser** 1984; 17:101-17 (82 ref.)

Cyclic nucleotide-dependent protein phosphorylation in intestinal epithelium. de Jonge HR. **KROC Found Ser** 1984; 17:263-86 (80 ref.)

Cytosol free Ca + + in the regulation of active intestinal Na and Cl transport. Donowitz M, et al. **KROC Found Ser** 1984;17:171-89 (76 ref.)

Intestinal sodium-dependent calcium transport: role for Na:Ca exchange? Nellans HN. **KROC Found Ser** 1984; 17:209-20

Protein phosphorylation and the control of intestinal electrolyte transport. Sharp GW, et al. **KROC Found Ser** 1984;17:241-61 (41 ref.)

Vesicle studies of intestinal electrolyte transport. Wright EM. **KROC Found Ser** 1984;17:3-12

51Cr-EDTA in studies of intestinal permeability [letter] Jenkins RT, et al. **Lancet** 1984 Dec 8;2(8415):1342-3

Inhibition of Na + -coupled solute transport by calcium in brush border membrane vesicles. Fondacaro JD, et al. **Life Sci** 1984 Sep 24;35(13):1431-8

Evidence for diabetes-induced alterations in the sulfation of heparin sulfate intestinal epithelial cells. Levy P, et al. **Life Sci** 1984 Dec 24;35(26):2613-20

The effects of severe zinc deficiency on intestinal amino acid losses in the rat. Moran JR, et al. **Life Sci** 1985 Jul 1; 36(26):2515-21

Intestinal metabolism of plasma free fatty acids in streptozotocin diabetic rats. Renner F, et al. **Lipids** 1984 Nov;19(11):875-9

Guts. Hackett E. **Med J Aust** 1984 Oct 27;141(9):603-5

Effects of glucocorticoids on glutamine metabolism in visceral organs. Souba WW, et al. **Metabolism** 1985 May; 34(5):450-6

Forskolin-induced elevation of rat jejunal cyclic AMP levels and stimulation of active glucose transport in vitro. Reymann A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan; 328(3):317-23

Levels of beta-galactosidase and lactic acid, in the intestine, and blood glucose in pig scour. Uramoto S, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):413-21

Glucose polymers enhance the intestinal absorption of calcium. **Nutr Rev** 1985 Jul;43(7):200-1

Vitamin D action [letter] Wasserman RH. **Nutr Rev** 1985 Apr;43(4):127-8

Growth hormone releasing factors in the brain and the gut: chemistry, actions, and localization. Arimura A, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:41-4 (7 ref.)

Aldosterone-induced sodium transport in lower intestine. Effects of varying NaCl intake. Clauss W, et al. **Pflugers Arch** 1984 Aug;401(4):354-60

Subcellular distribution of DNA-binding and non-DNA-binding 1,25-dihydroxyvitamin D receptors in chicken intestine. Nakada M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6711-3

Epithelial calcium and phosphate transport. Molecular and cellular aspects. Proceedings of the Second International Workshop on Calcium and Phosphate Across Biomembranes. Vienna, Austria, March 5-7, 1984. **Prog Clin Biol Res** 1984;168:1-392

The role of calmodulin in 1,25-dihydroxyvitamin D regulation of calcium transport across the intestinal brush border membrane. Bikle DD, et al. **Prog Clin Biol Res** 1984; 168:193-8

Effect of lactose on intestinal phosphate transport. Debiec H, et al. **Prog Clin Biol Res** 1984;168:241-5

Effect of calcium on the transport properties of intestinal brush border vesicles. Mandel KG, et al. **Prog Clin Biol Res** 1984;168:273-9

Role of sodium in intestinal calcium transport. Nellans HN, et al. **Prog Clin Biol Res** 1984;168:301-6

Calcium uptake by intestinal Golgi and basolateral membrane vesicles: ATP and vitamin D dependence. Walters JR, et al. **Prog Clin Biol Res** 1984;168:187-92

Vitamin D influences multiple phases of the intestinal calcium transport system. Wasserman RH, et al. **Prog Clin Biol Res** 1984;168:307-12

Effects of upper abdominal sympathectomy on gastric acid, serum gastrin, and catecholamines in the rat gut. Graffner H, et al. **Scand J Gastroenterol** 1984 Sep;19(6):711-6

Short-chain fatty acids in intestinal content of germfree mice monocontaminated with Escherichia coli or Clostridium difficile. Høverstad T, et al. **Scand J Gastroenterol** 1985 Apr;20(3):373-80

Enterotoxin-induced fluid accumulation during experimental salmonellosis and cholera: involvement of prostaglandin synthesis by intestinal cells. Duebbert IE, et al. **Toxicon** 1985;23(1):157-72

[Transport of amino acids and peptides in the intestine] Chen QS. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):255-7 **(Chi)**

MICROBIOLOGY

Isolation of Campylobacter sputorum subsp. mucosalis in Norway. Vormeland J. **Acta Vet Scand** 1984;25(4):597-9

The intestine of ferret--a possible site of influenza virus replication. Glathe H, et al. **Acta Virol (Praha)** 1984 Jul; 28(4):287-93

Use of nonprotein nitrogen in pigs: effects of dietary urea on the intestinal microflora. Benno Y, et al. **Am J Vet Res** 1985 Apr;46(4):959-62

Expression of type 1 pili by Escherichia coli strains of high and low virulence in the intestinal tract of gnotobiotic turkeys. Dominick MA, et al. **Am J Vet Res** 1985 Jan; 46(1):270-5

Distribution of immunoglobulin-bearing cells in the gut-associated lymphoid tissues of the turkey: effect of oral treatment with intestinal microflora. Naqi SA, et al. **Am J Vet Res** 1984 Oct;45(10):2193-5

Campylobacter jejuni and Campylobacter coli inoculation of neonatal calves. Warner DP, et al. **Am J Vet Res** 1984 Sep;45(9):1822-4

beta-Glucuronidase activities of intestinal bacteria determined both in vitro and in vivo in gnotobiotic rats. Gadelle D, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):682-5

Nutritionally limited pectinolytic bacteria from the human intestine. Jensen NS, et al. **Appl Environ Microbiol** 1985 Jul;50(1):172-3

Effects of diet on mercury metabolism and excretion in mice given methylmercury: role of gut flora. Rowland IR, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):401-8

Studies on the relationship between coronaviruses from the intestinal and respiratory tracts of calves. Reynolds DJ, et al. **Arch Virol** 1985;85(1-2):71-83

The role of the intestinal microflora in the reductive metabolism of acenocoumarol in man. Thijssen HH, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):247-9

Effect of the gut microflora on the size and weight of organs of chicks fed diets of different protein content. Furuse M, et al. **Br Poult Sci** 1984 Jul;25(3):429-39

Effect of the gut microflora on chick growth and utilisation of protein and energy at different concentrations of dietary protein. Furuse M, et al. **Br Poult Sci** 1985 Jan;26(1):97-104

Intestinal carriage of Campylobacter jejuni and Salmonella by chicken flocks at slaughter. Prescott JF, et al. **Can J Comp Med** 1984 Jul;48(3):329-31

Metabolism of glycyrrhizin by human intestinal flora. II. Isolation and characterization of human intestinal bacteria capable of metabolizing glycyrrhizin and related compounds. Hattori M, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):210-7

Metabolism of dinitrotoluene isomers by Escherichia coli isolated from human intestine. Mori M, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4070-5

Assessing modifications of the intestinal bacterial flora in patients on long-term oral treatment with bacampicillin or amoxicillin: a random study. Gipponi M, et al. **Chemioterapia** 1985 Jun;4(3):214-7

The gastro-oral pathway of intestinal bacteria after head and neck cancer surgery. Swift AC, et al. **Clin Otolaryngol** 1984 Oct;9(5):263-9

Technical aspects of the quantitative and differential analysis of the microbial intestinal ecosystem. Bingen E, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:134-7

Cefotaxime effects on the intestinal flora of the newborn. Bourrillon A, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:144-9

Effects of antibiotics on the microbial intestinal ecosystem. Lambert-Zechovsky N, et al. **Dev Pharmacol Ther** 1984; 7 Suppl 1:150-7

Sequential development of the intestinal flora in newborn infants: a quantitative differential analysis. Lejeune C, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:138-43

Antibiotic therapy and bacterial overgrowth in intestinal microbial ecosystem: a major risk of secondary infections in newborns. Mathieu H, et al. **Dev Pharmacol Ther** 1984; 7 Suppl 1:158-63

Influence of temocillin on colonisation resistance and consequences for therapy. De Vries-Hospers HG, et al. **Drugs** 1985;29 Suppl 5:227-33

Influence of temocillin on human bowel flora. Mittermayer HW. **Drugs** 1985;29 Suppl 5:43-8

Effect of iron on neonatal gut flora during the first three months of life. Mevissen-Verhage EA, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):273-8

Otitis media: treatment and side effects [letter] Crook WG. **Hosp Pract [Off]** 1985 Sep 30;20(9A):14, 16

Transfer of antibiotic resistance from Escherichia coli of human origin to Salmonella typhimurium in the intestinal tract of suckling rats. Yadava JN, et al. **Indian J Med Res** 1985 May;81:441-7

Plasmid-mediated susceptibility to intestinal microbial antagonisms in Escherichia coli. Andremont A, et al. **Infect Immun** 1985 Sep;49(3):751-5

Protective role of intestinal flora against infection with Pseudomonas aeruginosa in mice: influence of antibiotics on colonization resistance. Hentges DJ, et al. **Infect Immun** 1985 Jan;47(1):118-22

Growth inhibition of Streptococcus mutans by cellular extracts of human intestinal lactic acid bacteria. Ishihara K, et al. **Infect Immun** 1985 Sep;49(3):692-4

Elicitation of enteroluminal neutrophils by enterotoxigenic and nonenterotoxigenic strains of Escherichia coli in swine. Rose R, et al. **Infect Immun** 1985 Jun;48(3):818-23

Functional heterogeneity of intestinal Escherichia coli strains expressing type 1 somatic pili (fimbriae): assessment of bacterial adherence to intestinal membranes and surface hydrophobicity. Sherman PM, et al. **Infect Immun** 1985 Sep;49(3):797-804

Influence of third-generation cephalosporins on aerobic intestinal flora. Guggenbichler JP, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:67-70

The influence of cefotaxime on intestinal flora and bleeding diathesis in infants and neonates compared with other beta-lactams. Sunakawa K, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:317-24

A comparison of the ecology of Escherichia coli in the intestine of healthy unweaned pigs and pigs after weaning. Hinton M, et al. **J Appl Bacteriol** 1985 May;58(5):471-7

In vivo activity of nifurzide and nifuroxazide in intestinal bacteria in man and gnotobiotic mice. Leonard F, et al. **J Appl Bacteriol** 1985 Jun;58(6):545-53

Isolation and identification of delta 6-lithocholenic acid (3 alpha-hydroxy-5 beta-6-cholen-24-oic acid) as an intestinal bacterial metabolite of chenodeoxycholic acid in man. Malavolti M, et al. **J Biol Chem** 1985 Sep 15; 260(20):11011-5

'Campylobacter hyointestinalis' sp. nov.: a new species of Campylobacter found in the intestines of pigs and other animals. Gebhart CJ, et al. **J Clin Microbiol** 1985 May; 21(5):715-20

Importance of bile tolerance of Lactobacillus acidophilus used as a dietary adjunct. Gilliland SE, et al. **J Dairy Sci** 1984 Dec;67(12):3045-51

The invasion of epithelial cell lines and the intestinal epithelium of infant mice by Campylobacter jejuni/coli. Newell DG, et al. **J Diarrhoeal Dis Res** 1984 Mar; 2(1):19-26

The effects of oxytetracycline on the intestinal Escherichia coli flora of newly weaned pigs. Hinton M, et al. **J Hyg (Lond)** 1985 Aug;95(1):77-85

Experimental infection of hamsters with Campylobacter jejuni. Humphrey CD, et al. **J Infect Dis** 1985 Mar; 151(3):485-93

Long-term antibiotic therapy for acne vulgaris: effects on the bowel flora of patients and their relatives. Adams SJ, et al. **J Invest Dermatol** 1985 Jul;85(1):35-7

The effect of microbial flora, diet, and age on the tumoricidal activity of natural killer cells. Bartizal KF, et al. **J Leukocyte Biol** 1984 Dec;36(6):739-50

Lesions produced by Clostridium butyricum strain CB 1002 in ligated intestinal loops in guinea pigs. Popoff MR, et al. **J Med Microbiol** 1985 Jun;19(3):351-7

Urea utilization by the intestinal flora, of infants fed mother's milk and a formula diet, as measured with the 15N-tracer technique. Heine W, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):709-12

Influence of microbial bile salt desulfation upon the fecal excretion of bile salts in gnotobiotic rats. Eyssen H, et al. **J Steroid Biochem** 1985 Apr;22(4):547-54

Bacterial translocation from the intestines. Berg RD. **Jikken Dobutsu** 1985 Jan;34(1):1-16

The clinical significance of gastrointestinal decontamination in the occurrence of endogenous infections. Ozawa A, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:465-78

The intestinal microflora of infants: fecal flora of infants with vitamin K deficiency. Benno Y, et al. **Microbiol Immunol** 1985;29(3):243-50

Species of the Bifidobacterium in the feces of infants. Biavati B, et al. **Microbiologica** 1984 Oct;7(4):341-5

Lactobacillus lactis as dominant lactobacilli flora in human intestine. Dellaglio F, et al. **Microbiologica** 1984 Oct; 7(4):381-3

Colonization of a human intestine by four different genotypes of Lactobacillus acidophilus. Sarra PG, et al. **Microbiologica** 1984 Oct;7(4):331-9

Biochemical activity of intestinal microflora in adult coeliac disease. Tamm AO. **Nahrung** 1984;28(6-7):711-5

Effects of dietary antibiotics on intestinal microflora in broiler chickens. Ohya T, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Summer;23(2):49-60

The effect of postnatal age on the adherence of Shigella flexneri, Escherichia coli 0124, and E. coli 0128 to guinea pig intestinal cells. Ashkenazi S, et al. **Pediatr Res** 1984 Dec;18(12):1366-71

Bacterial flora of breast-fed infants [letter] Rose SJ. **Pediatrics** 1984 Oct;74(4):563-4

Effects of sodium diacetate on the growth, feed efficiency, and intestinal microflora of broilers. Singh A, et al. **Poult Sci** 1985 May;64(5):844-51

Effects of sorbic acid feed fungistat on the intestinal microflora of floor-reared broiler chickens. Sofos JN, et al. **Poult Sci** 1985 May;64(5):832-40

Further studies on the mechanism of fat-free diet (FFD)--protection against indomethacin-induced intestinal ulcers in the rat. Evangelista S, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):113-5

Metabolism of 1-nitropyrene and 6-nitrobenzo(a)pyrene by intestinal microflora. Cerniglia CE. **Prog Clin Biol Res** 1985;181:133-7

beta-Aspartylglycine during antibiotic induced dysbacteriosis of intestinal microflora in the rat. Chakhava OV, et al. **Prog Clin Biol Res** 1985;181:159-61

Influence of rotaviral diarrhea on intestinal microflora establishment in conventional and axenic mice. Corthier G, et al. **Prog Clin Biol Res** 1985;181:179-81

The instability of intestinal clostridial colonisation in living beings. Haralambie E, et al. **Prog Clin Biol Res** 1985; 181:225-9

Elimination of Salmonella typhimurium from the digestive tract by the flora of conventional chicken. Hudault S, et al. **Prog Clin Biol Res** 1985;181:163-7

In vivo influence of three B-lactam antibiotics on the intestinal microflora of man. A preliminary study in gnotobiotic mice. Leonard FC, et al. **Prog Clin Biol Res** 1985;181:279-82

The influence of antibiotics upon microflora-associated characteristics in man and mammals. Midtvedt T, et al. **Prog Clin Biol Res** 1985;181:241-4

Influence of rotaviral diarrhea on some bacterial functions in the intestine of conventional mice. Moreau C, et al. **Prog Clin Biol Res** 1985;181:183-5

Effects of monoassociation with cariogenic streptococci on lymphoid tissue in the intestine and spleen of Harvard rats. Peri BA. **Prog Clin Biol Res** 1985;181:395-8

Studies on the effect of the gut microflora on dietary nitrogen digestibility in pigs. Ratcliffe B, et al. **Prog Clin Biol Res** 1985;181:115-8

Germfree animal as a tool to study role of gut microflora and nutrition in cancer. Reddy BS, et al. **Prog Clin Biol Res** 1985;181:293-6

The influence of the microbial flora on incidence of graft-versus-host disease in human allogeneic bone marrow transplantation. Schmeiser T, et al. **Prog Clin Biol Res** 1985; 181:433-5

Influence of antigen-free diet, microbial flora and host strain on natural killer cytotoxic activity in mice. Tazume S, et al. **Prog Clin Biol Res** 1985;181:347-9

The effect of the antigenic stimuli derived from the diet and microbial flora on immunoglobulin levels. Umehara K, et al. **Prog Clin Biol Res** 1985;181:351-3

Lack of 7 alpha-dehydroxylation in gnotobiotic gerbils associated with an octaflora including Clostridium sordellii. Wostmann BS, et al. **Prog Clin Biol Res** 1985;181:107-10

In vivo Escherichia coli K88 adhesion in gnotobiotic piglets: comparison between large white and Chinese piglets. Yvonne DI, et al. **Prog Clin Biol Res** 1985;181:187-90

Effects of Maillard's reaction products on apparent mineral absorption in different parts of the digestive tract. The role of microflora. Andrieux C, et al. **Reprod Nutr Dev** 1984; 24(4):379-86

Clindamycin-induced alterations in intestinal microflora-associated characteristics in rats. Carlstedt-Duke B, et al. **Scand J Gastroenterol** 1985 Jan; 20(1):92-8

Gut flora and urinary phenylacetic acid [letter] Hryhorczuk LM, et al. **Science** 1984 Nov 23;226(4677):996

Gut bacterial endotoxin: influence on gut-associated lymphoreticular tissue and host immune function. McGhee JR, et al. **Surv Immunol Res** 1984;3(4):241-52 (27 ref.)

Ecological studies of Yersinia enterocolitica. II. Experimental infection with Y. enterocolitica in pigs. Fukushima H, et al. **Vet Microbiol** 1984 Aug;9(4):375–81

Scanning and transmission electron microscopy of attaching effacing Escherichia coli in weanling rabbits. Peeters JE, et al. **Vet Pathol** 1985 Jan;22(1):54–9

Role of the intestinal microflora in clonazepam metabolism in the rat. Elmer GW, et al. **Xenobiotica** 1984 Nov;14(11):829–40

Distribution of cysteine conjugate beta-lyase in gastrointestinal bacteria and in the environment. Larsen GL. **Xenobiotica** 1985 Mar;15(3):199–209

[Enteroinvasive serotypes of Escherichia coli] Sobotková J. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):149–58 (Eng. Abstr.) **(Cze)**

[Intestinal and fecal flora of weaned piglets with nutritive diarrhea caused by forced feed intake] Wittenbrink MM, et al. **DTW** 1984 Nov 22;91(11-12):387–91 (Eng. Abstr.) **(Ger)**

[The influence of nutrition of Gram-negative anaerobes in the intestinal tract] Grütte FK, et al. **Nahrung** 1984;28(6–7):735–9 (Eng. Abstr.) **(Ger)**

[The quantitative composition of the intestinal lactoflora before and after space flights of different lengths] Lencner AA, et al. **Nahrung** 1984;28(6–7):607–13 (Eng. Abstr.) **(Ger)**

[Intestinal flora under conditions of stress] Meng W, et al. **Nahrung** 1984;28(6–7):615–7 (Eng. Abstr.) **(Ger)**

[The effect of nutrition on intestinal flora] Mitsuoka T. **Nahrung** 1984;28(6–7):619–25 (Eng. Abstr.) **(Ger)**

[Immunostimulation in an animal model using intestinal bacteria preparations] Rusch V, et al. **Nahrung** 1984;28(6–7):699–709 (Eng. Abstr.) **(Ger)**

[In vitro activity of several cytostatic drugs against aerobic and anaerobic intestinal bacteria] Vetere A, et al. **Boll Ist Sieroter Milan** 1984;63(6):505–9 (Eng. Abstr.) **(Ita)**

[Intestinal ecosystem of children living in communities] Benoni G, et al. **Clin Ter** 1985 Apr 15;113(1):49–53 (Eng. Abstr.) **(Ita)**

[Bifidobacteria colonization in diversely-fed newborn infants] Bisicchia R, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):395–400 (Eng. Abstr.) **(Ita)**

[Isolation of Campylobacter jejuni and Campylobacter coli from intestinal contents and feces of chickens] Itoh T, et al. **Kansenshogaku Zasshi** 1985 Feb;59(2):86–93 (Eng. Abstr.) **(Jpn)**

[The effects of antibiotics on the intestinal bacterial flora and blood coagulation system] Iwata S. **Kansenshogaku Zasshi** 1984 Sep;58(9):903–20 (Eng. Abstr.) **(Jpn)**

[A trial in infection prevention in autologous bone marrow transplantation by selective intestinal decontamination] Teshima H, et al. **Kansenshogaku Zasshi** 1984 May;58(5):417–28 (Eng. Abstr.) **(Jpn)**

[Production of experimental ulcerative colitis in hamsters by dextran sulfate sodium and changes in intestinal microflora] Ohkusa T. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1327–36 (Eng. Abstr.) **(Jpn)**

[Effect of systemic antibiotic therapy on microbial flora of gastrointestinal tract in the hematological patients] Bermudez LE, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):256–9 (Eng. Abstr.) **(Por)**

[Intestinal anaerobic nonsporulating microorganisms in healthy newborn infants fed sterile donor milk] Enkhtuiaa R. **Akush Ginekol (Mosk)** 1985 Apr;(4):57–8 **(Rus)**

[A new nutrient medium for determining the hemolytic activity of intestinal bacteria] Miatsakanov ST, et al. **Lab Delo** 1984;(8):498 **(Rus)**

[Ultrastructural study of acid phosphatase localization in Entamoeba histolytica trophozoites and the accompanying bacteria of the intestinal flora] Chernov IuV, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):3–6 (Eng. Abstr.) **(Rus)**

[Interrelations of dysentery amebae and bacteria. The possible incorporation of the bacterial membranes into the membranes of the amebic trophozoite] Chernov IuV, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):71–4 (Eng. Abstr.) **(Rus)**

[Indicators of resistance and the functional state of the digestive system in children] Beier LV, et al. **Pediatriia** 1984 Jul;(7):7–9 (Eng. Abstr.) **(Rus)**

[Effect of intragastric feeding with qualitatively different mixtures on the microflora composition of the intestines in rats] Klimzo ON. **Vopr Pitan** 1985 Jan-Feb;(1):38–41 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of intestinal microflora in infants on artificial feeding with various milk formulas] Lugovskaia RK, et al. **Vopr Pitan** 1984 Jul-Aug;(4):29–33 (Eng. Abstr.) **(Rus)**

[Intestinal dysbacteriosis in patients with dysentery and gastritis with secretory insufficiency] Zasukha GP, et al. **Vrach Delo** 1985 Feb;(2):108–10 **(Rus)**

[Intestinal microflora of monkeys, normal and in pathology, and its correction by preparations of live bacteria from human biocenosis (coli bacteria, bifikol and bifidum bacterin)] Dzhikidze EK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):44–8 (Eng. Abstr.) **(Rus)**

[Effect of human immunoglobulins on mouse intestinal microflora in dysbacteriosis] Glad'ko IA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):54–7 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Expulsion of Trichinella spiralis from the intestine of W/Wv mice reconstituted with haematopoietic and lymphopoietic cells and origin of mucosal mast cells. Oku Y, et al. **Immunology** 1984 Oct;53(2):337–44

Intestinal parasites in Haitian entrants [letter] Moore JD, et al. **J Infect Dis** 1984 Dec;150(6):965

The intestinal entodiniomorph ciliates of wild lowland gorillas (Gorilla gorilla gorilla) in Gabon, West Africa. Goussard B, et al. **J Med Primatol** 1983;12(5):239–49

Establishment of intestinal ciliates in new-born horses. Ike K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):39–43

The prevalence of intestinal parasites in two suburbs of Kinshasa (Zaire) and their relation to domestic water supplies. Gryseels B, et al. **Trop Geogr Med** 1985 Jun;37(2):129–32

[Cryptosporidiosis. II. Biological diagnosis] Deluol AM, et al. **Ann Biol Clin (Paris)** 1984;42(6):399–405 (18 ref.) (Eng. Abstr.) **(Fre)**

[Trematoda of birds of Lower Silesia. II. Trematoda of the digestive tract of the red-throated diver (Gavia stellata Pont.)] Okulewicz J. **Wiad Parazytol** 1984;30(4):503–19 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Sclerosing peritonitis with mural bowel fibrosis in a patient on long-term CAPD. Hauglustaine D, et al. **Clin Nephrol** 1984 Sep;22(3):158–62

Stable intestinal phenotypic expression of gastric and small intestinal tumor cells induced by N-methyl-N'-nitro-N-nitrosoguanidine or methylnitrosourea in rats. Tatematsu M, et al. **Gann** 1984 Nov;75(11):957–65

Chromoendoscopic observations on extension and development of fundal gastritis and intestinal metaplasia. Tatsuta M, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):70–4

Pathology of the alimentary tract in Salmonella typhimurium food poisoning. Boyd JF. **Gut** 1985 Sep;26(9):935–44

Intestinal metaplasia with argentaffin cells in the uterine cervix. Trowell JE. **Histopathology** 1985 May;9(5):551–9

The pathogenesis of Yersinia enterocolitica infection in gnotobiotic piglets. Robins-Browne RM, et al. **J Med Microbiol** 1985 Jun;19(3):297–308

Endocrine cells in intestinal metaplasia of the stomach. Mingazzini P, et al. **J Pathol** 1984 Nov;144(3):171–8

Intestinal microecology and immune response of germfree and conventional mice in mixed trichinellosis. Przyjalkowski ZW. **Prog Clin Biol Res** 1985;181:415–9

Neutrophilic nodules in the intestinal walls of Japanese monkeys associated with the neutrophil chemotactic activity of larval extracts and secretions of Oesophagostomum aculeatum. Horii Y, et al. **Res Vet Sci** 1985 Jan;38(1):115–9

Histochemical study of phosphorylase in proliferating cells of intestinal metaplasia and carcinoma of the human stomach. Shimada S, et al. **Scand J Gastroenterol** 1984 Oct;19(7):965–70

[Morphological changes in the lymphatic follicles of the intestines and other organs of immunity in antigenic exposure] Keisevich LV, et al. **Vrach Delo** 1984 Sep;(9):34–6 (Eng. Abstr.) **(Rus)**

[Intestinal metaplasia of the stomach. Histopathological study of 120 surgical specimens from gastrectomy] Duarte I, et al. **Rev Med Chil** 1984 Aug;112(8):765–70 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Participation of the beta-adrenergic receptor in the enteroruminal reflex and enteroenteric reflex. Wegrzyn T, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):193–8

Intestinal somatostatin function. Dharmsathaphorn K. **Adv Exp Med Biol** 1985;188:463–73

Effects of 17 beta-estradiol and progesterone on intestinal digestive and absorptive functions in ovariectomized rats. Singh R, et al. **Biochem Int** 1985 May;10(5):777–86

Protein conservation by the immature intestine. Sivan Y, et al. **Biol Neonate** 1985;47(1):32–5

Neuromuscular pharmacology of the anterior intestine of Chaetopterus variopedatus, a filter-feeding polychaete. Anctil M, et al. **Comp Biochem Physiol [C]** 1984;79(2):343–51

Development of an improved multi-pressure-sensor probe for recording muscle contraction in human intestine. Mathias JR, et al. **Dig Dis Sci** 1985 Feb;30(2):119–23

Activated charcoal: in vivo and in vitro studies of effect on gas formation. Potter T, et al. **Gastroenterology** 1985 Mar;88(3):620–4

Digestion in the cattle-tick Boophilus microplus: light microscope study of the gut cells in nymphs and females. Agbede RI, et al. **Int J Parasitol** 1985 Apr;15(2):147–57

Development and adaptation of protein digestion. Austic RE. **J Nutr** 1985 May;115(5):686–97

Digestion and absorption of lipids in poultry. Krogdahl A. **J Nutr** 1985 May;115(5):675–85 (97 ref.)

The development of methane production in childhood and adolescence. Peled Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):575–9

The involvement of calcium in the intestinal response to secretagogues in the rat. Hardcastle J, et al. **J Physiol (Lond)** 1984 Oct;355:465–78

The ring-down artifact. Avruch L, et al. **J Ultrasound Med** 1985 Jan;4(1):21–8

Postoperative 'gas pains' [letter] Hammond DO. **JAMA** 1985 May 24–31;253(20):2963

Carbohydrate malabsorption and intestinal gas production. Levitt MD, et al. **Neth J Med** 1984;27(7):258–61

Differential expression of the mouse cholecystokinin gene during brain and gut development. Friedman J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5593–7

Intestinal gas. Levitt MD. **Proc Nutr Soc** 1985 Feb;44(1):145–6

Calcium-dependent regulation of cytoskeletal structure and contractility in the intestinal brush border. Mooseker MS. **Prog Clin Biol Res** 1984;168:179–86

Function of the lower intestine and osmoregulation in the ostrich: preliminary anatomical and physiological observations. Skadhauge E, et al. **Q J Exp Physiol** 1984 Oct;69(4):809–18

Bioelectric parameters and sodium and chloride fluxes across the intestine of Blennius parvicornis. Bolaños A, et al. **Rev Esp Fisiol** 1984 Dec;40(4):455–61

[The entero-insular axis] Yu JR. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):83–6 **(Chi)**

[Neurohormonal regulation of the functions of the enterocyte (letter)] Modigliani R, et al. **Presse Med** 1984 Sep 29;13(33):2025 **(Fre)**

[Mucin: a probable endogenous substrate of intestinal fermentation] Barúa RL, et al. **Acta Gastroenterol Latinoam** 1984;14(4):279–83 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Subchronic malathion treatment effects on rat intestinal functions. Wali RK, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):289–94

Increased intestinal hydrolysis of urea in patients with alcoholic cirrhosis. Hansen BA, et al. **Scand J Gastroenterol** 1985 Apr;20(3):346–50

[Effects of dietary fiber on the bowel function of patients with diabetes mellitus] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1955–61 (Eng. Abstr.) **(Jpn)**

[Intestinal function in pipe rolling workers suffering from the lumbosacral pain syndrome] Mirtovskaia VN, et al. **Vrach Delo** 1984 Nov;(11):113–5 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

16,16-Dimethyl prostaglandin E2 induces radioprotection in murine intestinal and hematopoietic stem cells. Hanson WR, et al. **Radiat Res** 1985 Aug;103(2):196–203

Relative biological effectiveness measurements using murine lethality and survival of intestinal and hematopoietic stem cells after fermilab neutrons compared to JANUS reactor neutrons and 60Co gamma rays. Hanson WR, et al. **Radiat Res** 1984 Nov;100(2):290–7

Dose-fractionation studies on mouse gut and marrow: an intercomparison of 250 kV X-rays and 5.6 MeV fast neutrons. Gasinska A, et al. **Radiobiol Radiother (Berl)** 1985;26(1):37–41

The effectiveness of 5.6 MeV neutrons compared with gamma rays on the survival of crypts in mouse intestine: preliminary results. Huczkowski J, et al. **Radiobiol Radiother (Berl)** 1985;26(1):43–8

A method to reduce radiation injury to intestine—a preliminary report. Dische S, et al. **Radiother Oncol** 1984 Jan;1(3):277–9

[Comparative kinetics of the early repair of intestines and lung in mice after fast neutron and gamma-ray irradiation] Gregoire V, et al. **C R Soc Biol (Paris)** 1985;179(2):247–54 (Eng. Abstr.) **(Fre)**

[Radiation sequelae in the intestine from the viewpoint of the gynecologic radiologist] Schwarz R. **Zentralbl Chir** 1984;109(10):657–9 (Eng. Abstr.) **(Ger)**

[Postoperative complications of the radiation-exposed intestine] Stremmel W, et al. **Zentralbl Chir** 1984;109(10):651–6 (Eng. Abstr.) **(Ger)**

[Morphological and morphometric analysis of the chick embryo intestine in organotypic culture after laser irradiation] Gheri Bryk S, et al. **Arch Ital Anat Embriol** 1984 Apr-Jun;89(2):141–52 **(Ita)**

RADIOGRAPHY

CT-guided percutaneous bowel loopogram. Hoddick WK, et al. **AJR** 1984 Nov;143(5):1098–100

A comparison of dilute barium and dilute water-soluble contrast in opacification of the bowel for abdominal computed tomography. Chambers SE, et al. **Clin Radiol** 1984 Nov;35(6):463–4

Ring artifacts on the barium enema. Thompson RL, et al. **Gastrointest Radiol** 1985;10(2):175–6

Pancuronium belly [letter] Thomas S, et al. **Lancet** 1984 Oct 13;2(8407):870

Presence/absence of homogeneous Telepaque in the bowel: an aid in diagnosing biliary tract disease. Nathan MH, et al. **Milit Med** 1984 Nov;149(11):624–7

RADIONUCLIDE IMAGING

Visualization of the liver, gallbladder, and intestine on bone scintigraphy. Sherkow L, et al. **Clin Nucl Med** 1984 Aug; 9(8):440-3

Patterns of intestinal activity with Meckel's scintigraphy. Blumhardt R, et al. **Gastrointest Radiol** 1984;9(4):353-6

SURGERY

Intestinal intussusception valve for postgastrectomy bile reflux and/or dumping. Svensson JO, et al. **Acta Chir Scand** 1985;151(4):355-60

A single layer open anastomosis for all intestinal structures. Lafreniere R, et al. **Am J Surg** 1985 Jun;149(6):797-8

Evaluation of the Proximate-ILS circular stapler. A prospective study. Fazio VW, et al. **Ann Surg** 1985 Jan; 201(1):108-14

Chronic intestinal pseudo-obstruction. Management with total parenteral nutrition and a venting enterostomy. Pitt HA, et al. **Arch Surg** 1985 May;120(5):614-8

Classic articles in colonic and rectal surgery. Robert Abbe 1851-1928. Intestinal anastomosis and suturing. **Dis Colon Rectum** 1985 Apr;28(4):278-85

Classic articles in colonic and rectal surgery. William Stewart Halsted 1852-1922. **Dis Colon Rectum** 1984 Oct; 27(10):687-92

Classic articles in colonic and rectal surgery. William Stewart Halsted 1852-1922. Circular suture of the intestine--an experimental study. **Dis Colon Rectum** 1984 Nov; 27(11):755-7

Classic articles in colonic and rectal surgery. William Stewart Halsted 1852-1922. Circular suture of the intestine--an experimental study. **Dis Colon Rectum** 1984 Dec; 27(12):838-41

Classic articles in colonic and rectal surgery. Nicholas Senn 1844-1908. Enterorrhaphy; its history, technique and present status. **Dis Colon Rectum** 1985 Jan;28(1):59-68

Classic articles in colonic and rectal surgery. Nicholas Senn. 1844-1908. Enterorrhaphy; its history, technique and present status. II--Modern methods. **Dis Colon Rectum** 1985 Feb;28(2):135-40

Classic articles in colonic and rectal surgery. Nicholas Senn 1844-1908. Enterorrhaphy; its history, technique and present status. III--Recent methods. **Dis Colon Rectum** 1985 Mar;28(3):204-14

On the varying degrees of cancerogenicity of modified gastroentero-anastomoses. Theuring F, et al. **Exp Pathol** 1985;27(3):179-84

Double layer versus single layer intestinal anastomosis: a clinical trial. Maurya SD, et al. **Int Surg** 1984 Oct-Dec; 69(4):339-40

The use of Chinese herbs folium ilicis chinensis decoction plus eucalyptus distillate for preoperative preparation of intestinal tract. Miao TJ, et al. **J Tradit Chin Med** 1984 Jun;4(2):149-52

Bladder replacement in children and young adults. Hensle TW, et al. **J Urol** 1985 Jun;133(6):1004-10

Lengthening a baby's gut [letter] Bianchi A. **Lancet** 1985 Apr 6;1(8432):819

Influence of perioperative cis-platinum on breaking strength of bowel anastomoses in rats. Engelmann U, et al. **Recent Results Cancer Res** 1985;98:35-9

Reconstitution of intestinal continuity after resection for neonatal necrotizing enterocolitis. Cogbill TH, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):330-4

Intersecting staple lines in intestinal anastomoses. Ravitch MM. **Surgery** 1985 Jan;97(1):8-15

[Single-layer sutures in the digestive tract] Berndt D, et al. **Rozhl Chir** 1984 Sep;63(8-9):584-90 (Eng. Abstr.) **(Cze)**

[Reoperation after Crohn's disease] Nahodil V, et al. **Rozhl Chir** 1984 Jul;63(7):496-500 (Eng. Abstr.) **(Cze)**

[Entero-enteral anastomoses] Merkle P. **Chirurg** 1984 Oct; 55(10):632-7 **(Ger)**

[Single or double layer? A controlled prospective study on the comparison of 2 suture technics in gastrointestinal anastomoses] Wayand W, et al. **Chirurg** 1984 Oct; 55(10):650-2 (Eng. Abstr.) **(Ger)**

[How early may endoscopy be performed in an anastomosis?] Rückauer K, et al. **Schweiz Rundsch Med Prax** 1984 Oct 30;73(44):1349-50 (Eng. Abstr.) **(Ger)**

[Proctologic complications in intestinal bypass] Doldi SB, et al. **Minerva Chir** 1984 Oct 31;39(20):1355-9 **(Ita)**

[Use of new organ suturing devices UDO-60 and UDO-38 in abdominal surgery] Shaposhnikov IuG, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):118-22 **(Rus)**

[Formation of a double-row intestinal suture] Zhuchenko SP, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):105-6 **(Rus)**

[Technic of end-to-end intestinal anastomosis using glue] Bondaruk II, et al. **Klin Khir** 1985 Feb;(2):25-6 (Eng. Abstr.) **(Rus)**

[Method of creating esophageal-intestinal and esophageal-gastric invagination anastomoses] Prudkov ID, et al. **Vestn Khir** 1985 Apr;134(4):114-6 **(Rus)**

ULTRASTRUCTURE

Enterocyte microvillus can phosphorylate molecules which inhibit endogenous phosphorylation of its proteins. Dupuis Y, et al. **Arch Int Physiol Biochim** 1984 Apr;92(1):1-11

Isolation and characterization of rat intestinal polyribosomes and RNA during absorption of fat. Increased translation in vitro of apo-AIV. Pessah M, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):373-81

Lipid fluidity and composition of intestinal microvillus membranes isolated from rats of different ages. Brasitus TA, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):341-8

The effect of ionic strength on the lipid peroxidation of porcine intestinal brush-border membrane vesicles. Ohyashiki T, et al. **Biochim Biophys Acta** 1985 Jan 10; 812(1):84-90

Transport of carnosine by mouse intestinal brush-border membrane vesicles. Rajendran VM, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):443-8

Fe2+ uptake by intestinal brush-border membrane vesicles from normal and hypoxic mice. Simpson RJ, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):381-8

Thermodynamic interpretation of effects of alcohols on membrane lipid fluidity. Boigegrain RA, et al. **Chem Phys Lipids** 1984 Oct;35(4):321-30

Electron microscopy of the intestine and rectum in acquired immunodeficiency syndrome. Dobbins WO 3d, et al. **Gastroenterology** 1985 Mar;88(3):738-49

The 110,000-dalton actin- and calmodulin-binding protein from intestinal brush border is a myosin-like ATPase. Collins JH, et al. **J Biol Chem** 1984 Nov 25; 259(22):14128-35

Sodium-induced conformational changes in the glucose transporter of intestinal brush borders. Peerce BE, et al. **J Biol Chem** 1984 Nov 25;259(22):14105-12

Effect of micellar lipids on rabbit intestinal brush-border membrane phospholipid bilayer integrity studied by 31P NMR. Vallet-Strouve C, et al. **J Membr Biol** 1985; 84(1):73-9

Active site of intestinal gamma-glutamyltransferase faces luminal side of brush border membrane. Nakamura Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):179-87

Structural correlates of intestinal tight-junction permeability. Madara JL, et al. **KROC Found Ser** 1984;17:77-100 (77 ref.)

The cytoskeletal apparatus of the intestinal brush border. Mooseker MS, et al. **KROC Found Ser** 1984;17:287-307 (80 ref.)

Transport to cell surface of intestinal sucrase-isomaltase is blocked in the Golgi apparatus in a patient with congenital sucrase-isomaltase deficiency. Hauri HP, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):[illegible]23-7

INTOXICATION see **POISONING**

INTOXICATION, ALCOHOLIC see **ALCOHOLIC INTOXICATION**

INTRA-AORTIC BALLOON PUMPING see under **ASSISTED CIRCULATION**

INTRACELLULAR FLUID see under **BODY FLUIDS**

INTRACELLULAR MEMBRANES

Membrane NMR: a dynamic research area. Brown MF, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):71-81 (31 ref.)

ANALYSIS

The transverse organisation of ubiquinones in mitochondrial membranes as determined by fluorescence quenching. Evidence for a two-site model. Chatelier RC, et al. **Eur Biophys J** 1985;11(3):179-85

[Various characteristics of the protein composition of ribosomes separated from granular membranes of the endoplasmic reticulum of rat liver] Mel'nikova NN. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):609-13 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Damages of the mitochondrial membrane in Adriamycin treated mice. Praet M, et al. **Cancer Lett** 1984 Nov; 25(1):89-96

Preservation of integrity of the inner mitochondrial membrane after freeze-thawing and freeze-drying. Tsvetkov T, et al. **Cryobiology** 1985 Jun;22(3):301-6

Dietary cholesterol-induced changes of xenobiotic metabolism in liver. I. Influence of xenobiotic administration on hepatic membrane structure. Hietanen E, et al. **Drug Nutr Interact** 1982;1(4):279-92

Effects of beta-pinene on yeast membrane functions. Uribe S, et al. **J Bacteriol** 1985 Mar;161(3):1195-2000

Sarcoplasmic reticulum membrane of rat skeletal muscle is disordered with chronic alcohol ingestion. Ohnishi ST, et al. **Membr Biochem** 1985;6(1):49-63

The effect of phenylalanine on intracellular pH and sodium activity in proximal convoluted tubule cells of the frog kidney. Messner G, et al. **Pflugers Arch** 1985 May; 404(2):145-9

[Blockers of the uncoupling action of caffeine on the Ca2+-transport function of sarcoplasmic reticulum membranes] Ritov VB. **Biull Eksp Biol Med** 1985 Apr; 99(4):445-8 (Eng. Abstr.) **(Rus)**

[New bifunctional reagents for studying the localization of the cytochrome P-450 active center in a microsomal membrane] Alfer'ev IS, et al. **Dokl Akad Nauk SSSR** 1984; 277(2):371-4 **(Rus)**

[alpha-Tocopherol--a possible stabilizer of synaptosome membranes against the damaging action of phospholipase A2] Erin AN, et al. **Dokl Akad Nauk SSSR** 1985; 281(2):447-50 **(Rus)**

[Action of adrenaline and cAMP on the activity of a thermostable cytoplasmic inhibitor of Ca2+ ion transport across the mitochondrial membrane of the rat heart] Gainutdinov MKh, et al. **Dokl Akad Nauk SSSR** 1984; 27[illegible](2):475-[illegible] **(Rus)**

[Possibilities for the external regulation of lysosomal structure and functions. Pharmacological effects on the permeability of lysosomal membranes in the ischemic myocardium] Sysoliatina NA, et al. **Farmakol Toksikol** 1985 Mar-Apr; 48(2):121-3 (19 ref.) **(Rus)**

[Effect of nonachlazine on the temperature sensitivity of the lysosomal membranes of the heart muscle in rats in vitro] Sysoliatina NA. **Farmakol Toksikol** 1985 May-Jun; 48(3):41-5 (Eng. Abstr.) **(Rus)**

[Stabilizing action of glutamic acid on the membrane structures of the coniophage] Shnaidman IM, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):55-7 **(Rus)**

[Solubilizing capacity of biomembranes in relation to organic nonelectrolytes differing in their hydrophobic properties (the spin label method)] Gendel' LIa, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):522-8 (Eng. Abstr.) **(Rus)**

[Effect of typical and atypical tranquilizers on mitochondrial membrane function and on the synthesis and utilization of adenosine phosphates in the brain in chronic stress] Kresiun VI. **Vestn Akad Med Nauk SSSR** 1984;(11):31-7 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Glucosidase II, a glycoprotein of the endoplasmic reticulum membrane. Proteolytic cleavage into enzymatically active fragments. Hino Y, et al. **Biochemistry** 1985 Jan 29; 24(3):800-5

Involvement of phospholipids in the modulation of a membrane-bound brain fucosyltransferase. Serres-Guillaumond M, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):296-304

Membrane-bound domain of HMG CoA reductase is required for sterol-enhanced degradation of the enzyme. Gil G, et al. **Cell** 1985 May;41(1):249-58

Glycosyltransferase activities in liver mitochondria. Phospholipid-dependence of inner membrane mannosyltransferase. Ardail D, et al. **Eur J Biochem** 1985 Jun 18;149(3):497-502

Diacylglycerol lipase activity in human platelet intracellular and surface membranes. Some kinetic properties and fatty acid specificity. Authi KS, et al. **FEBS Lett** 1985 Jan 21; 180(1):95-101

Quantitative relationship between the protein secondary structure in cardiac sarcolemma and the activity of the membrane-bound Ca2+-ATPase. Vrbjar N, et al. **Gen Physiol Biophys** 1985 Aug;4(4):411-6

Evolution of 3-hydroxy-3-methylglutaryl-CoA reductase and microsomal membrane fluidity throughout chick embryo development. Marco C, et al. **Int J Biochem** 1985; 17(2):271-4

Cytochemistry of cytochrome oxidase in the cytoplasmic and intracytoplasmic membranes of Azotobacter vinelandii. Payne HR, et al. **J Bacteriol** 1984 Sep;159(3):946-50

Mammalian signal peptidase: partial purification and general characterization of the signal peptidase from microsomal membranes of porcine pancreas. Fujimoto Y, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1125-31

Solubilization and reconstitution of a lysosomal H+-pump. Moriyama Y, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):927-30

Acetyl coenzyme A: alpha-glucosaminide N-acetyltransferase. Evidence for a transmembrane acetylation mechanism. Bame KJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11293-9

Modulation of epididymal delta 4-steroid 5 alpha-reductase activity in vitro by the phospholipid environment. Cooke GM, et al. **J Biol Chem** 1985 Jun 25;260(12):7489-95

The somatostatin-28 convertase of rat brain cortex is associated with secretory granule membranes. Gomez S, et al. **J Biol Chem** 1985 Sep 5;260(19):10541-5

The topography of glycerophosphate acyltransferase in the transverse plane of the mitochondrial outer membrane. Hesler CB, et al. **J Biol Chem** 1985 Jun 25;260(12):7452-6

Mechanisms of detergent effects on membrane-bound (Na+ + K+)-ATPase. Huang WH, et al. **J Biol Chem** 1985 Jun 25;260(12):7356-61

Ca2+ and Mg2+-enhanced reduction of arsenazo III to its anion free radical metabolite and generation of superoxide anion by an outer mitochondrial membrane azoreductase. Moreno SN, et al. **J Biol Chem** 1984 Dec 10; 259(23):14609-16

The iron-sulfur protein of cytochrome bc1 complex. Its occurrence in the mitochondrial inner membrane in excess of the amount constituting the complex. Nishikimi M, et al. **J Biol Chem** 1985 Sep 5;260(19):10398-401

Identification of the NH2-terminal blocking group of NADH-cytochrome b5 reductase as myristic acid and the complete amino acid sequence of the membrane-binding domain. Ozols J, et al. **J Biol Chem** 1984 Nov 10; 259(21):13349-54

Analytical study of microsomes and isolated subcellular membranes from rat liver. IX. Nicotinamide adenine dinucleotide glycohydrolase: a plasma membrane enzyme prominently found in Kupffer cells. Amar-Costesec A, et al. **J Cell Biol** 1985 Jan;100(1):189-97

Proteolytic activity associated with membranes of rat liver

lysosomes. Schneider DL. **Prog Clin Biol Res** 1985; 180:291-3
Kinetic properties of UDP-glucuronosyltransferase(S) in different membranes of rat liver cells. Antoine B, et al. **Xenobiotica** 1984 Jul;14(7):575-9
[Inhibition of phospholipid hydrolysis by phospholipase A2 in microsomal and mitochondrial membranes subjected to lipid peroxidation] Balevska PS, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):161-4 (Eng. Abstr.) **(Rus)**
[Electric potential generation on the mitochondrial membrane during the hydrolysis of inorganic pyrophosphate] Dukhovich VF, et al. **Dokl Akad Nauk SSSR** 1983;272(2):496-9 **(Rus)**
[A system of specific proteases degrading prolactin in the membranes of nuclei, mitochondria and lysosomes of mammary gland tissue] Marinchenko GV. **Dokl Akad Nauk SSSR** 1985;280(6):1479-84 **(Rus)**
[Study of the sorption immobilization of coenzyme-dependent oxidoreductases and their functions in electro-enzymatic processes and biological membranes] Shapovalov IuA, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):662-70 (Eng. Abstr.) **(Rus)**

METABOLISM

ADH or theophylline-induced changes in intracellular free and membrane-bound calcium. Burch RM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F939-45
The effect of pressure on fetal and neonatal liver mitochondrial membranes. Mertens-Strijthagen J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):825-31
Localization and synthesis of prenylquinones in isolated outer and inner envelope membranes from spinach chloroplasts. Soll J, et al. **Arch Biochem Biophys** 1985 Apr;238(1):290-9
Interaction with mitochondrial membranes of a synthetic peptide with a sequence common to extra peptides of mitochondrial precursor proteins. Yoshida Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):775-80
On the oxalate stimulation of ATP-dependent calcium accumulation by smooth muscle subcellular membranes. Kwan CY, et al. **Biochem Int** 1983 Jun;6(6):713-22
Glycogen storage disease type IB: a new model of genetic disorders involving the transport system of intracellular membrane. Tada K, et al. **Biochem Med** 1985 Apr; 33(2):215-22
Effects of antimicrotubule agents on phospholipid metabolism in rat hepatic subcellular membranes. Azhar S, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3153-9
A redox cycling mechanism of action for 2,3-dichloro-1,4-naphthoquinone with mitochondrial membranes and the role of sulfhydryl groups. Pritsos CA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3771-7
Mechanisms involved in hormone signal transduction across the mitochondrial membrane. Halestrap AP, et al. **Biochem Soc Trans** 1985 Aug;13(4):659-63
Rate of transmembrane electron transfer in chromaffin-vesicle ghosts. Harnadek GJ, et al. **Biochemistry** 1985 May 21;24(11):2640-4
Pyrenedodecanoylcarnitine and pyrenedodecanoyl coenzyme A: kinetics and thermodynamics of their intermembrane transfer. Wolkowicz PE, et al. **Biochemistry** 1984 Dec 18; 23(26):6426-32
Anthracycline glycoside-membrane interactions. Goormaghtigh E, et al. **Biochim Biophys Acta** 1984 Sep 3;779(3):271-88 (255 ref.)
Asymmetric synthesis and transmembrane movement of phosphatidylethanolamine synthesised by base-exchange in rat liver endoplasmic reticulum. Hutson JL, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):236-43
The interaction of adriamycin with cardiolipin in model and rat liver mitochondrial membranes. Nicolay K, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):359-71
Effect of phenytoin on intracellular calcium and intracellular protein changes during pentylenetetrazole-induced bursting activity in snail neurons. Sugaya E, et al. **Brain Res** 1985 Feb 18;327(1-2):161-8
Translocation across Golgi vesicle membranes: a CHO glycosylation mutant deficient in CMP-sialic acid transport. Deutscher SL, et al. **Cell** 1984 Dec;39(2 Pt 1):295-9
The calcium uptake in smooth muscle microsomal vesicles is reduced by centrifugation. Raeymaekers L, et al. **Cell Calcium** 1984 Jun;5(3):205-10
In-vivo endocytosis by bristle-coated pits and intracellular transport of endogenous albumin in the endothelium of the sinuses of liver and bone marrow. De Bruyn PP, et al. **Cell Tissue Res** 1985;240(1):1-7
Induction of hepatic receptors for growth hormone (GH) and prolactin by GH infusion is sex independent. Baxter RC, et al. **Endocrinology** 1984 Nov;115(5):2009-14
Exploration of nucleotide binding sites in the mitochondrial membrane by 2-azido-[alpha-32P]ADP. Dalbon P, et al. **FEBS Lett** 1985 Jan 28;180(2):212-8
Catalytic activity of the membrane-bound methylcholanthrene-inducible cytochrome P-450. Grishanova AYu, et al. **FEBS Lett** 1985 Jan 1;179(1):74-6
Microsomal membranes contain phosphatidylcholine that equilibrates across the bilayer, and phosphatidylcholine that does not. Hutson JL, et al. **FEBS Lett** 1985 Apr 8; 183(1):145-50
Cytochrome b reduction by hexaammineruthenium in mitochondria and submitochondrial particles. Evidence for heme b-562 localization at the M-side of the mitochondrial membrane. Kunz WS, et al. **FEBS Lett** 1984 Sep 17; 175(1):100-4
Possible role of Na+ ions in intracellular Ca2+ release in frog auricular trabeculae. Bonvallet R, et al. **Gen Physiol Biophys** 1985 Apr;4(2):167-83
Increase in Ca2+ permeability of intracellular Ca2+ store membrane of saponin-treated guinea pig peritoneal macrophages by inositol 1,4,5-trisphosphate. Hirata M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1575-82
Reserpic acid as an inhibitor of norepinephrine transport into chromaffin vesicle ghosts. Chaplin L, et al. **J Biol Chem** 1985 Sep 15;260(20):10981-5
Direct evidence for the transmembrane orientation of the hepatic glycoprotein receptors. Chiacchia KB, et al. **J Biol Chem** 1984 Dec 25;259(24):15440-6
The content of long-chain free fatty acids and their effect on energy transduction in chromaffin granule ghosts. Husebye ES, et al. **J Biol Chem** 1984 Dec 25; 259(24):15272-6
Liver ischemia increases the molecular order of microsomal membranes by increasing the cholesterol-to-phospholipid ratio. Petrovich DR, et al. **J Biol Chem** 1984 Nov 10; 259(21):13217-23
Signal recognition particle-dependent insertion of coronavirus E1, an intracellular membrane glycoprotein. Rottier P, et al. **J Biol Chem** 1985 Apr 25;260(8):4648-52
Creatine kinase of rat heart mitochondria. The demonstration of functional coupling to oxidative phosphorylation in an inner membrane-matrix preparation. Saks VA, et al. **J Biol Chem** 1985 Jun 25;260(12):7757-64
Localization of phosphatidylcholine in outer envelope membrane of spinach chloroplasts. Dorne AJ, et al. **J Cell Biol** 1985 May;100(5):1690-7
Nonconverted, amino acid analog-modified proinsulin stays in a Golgi-derived clathrin-coated membrane compartment. Orci L, et al. **J Cell Biol** 1984 Dec; 99(6):2187-92
Highly specific antibody to Rous sarcoma virus src gene product recognizes a novel population of pp60v-src and pp60c-src molecules. Resh MD, et al. **J Cell Biol** 1985 Feb;100(2):409-17
Voltage-dependent chloride conductance of the squid axon membrane and its blockade by some disulfonic stilbene derivatives. Inoue I. **J Gen Physiol** 1985 Apr;85(4):519-37
Racial differences in intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal male subjects. M'Buyamba-Kabangu JR, et al. **J Hypertens** 1984 Dec; 2(6):647-51
Potassium, magnesium and membranes. Review of present status and new findings. Bara M, et al. **Magnesium** 1984; 3(4-6):215-25 (94 ref.)
Cerebral intracellular pH by 31P nuclear magnetic resonance spectroscopy. Petroff OA, et al. **Neurology** 1985 Jun; 35(6):781-8
Intracellular pH in diluting segment of frog kidney. Oberleithner H. **Pflugers Arch** 1985 Jul;404(3):244-51
Photochemically produced intracellular concentration jumps of cAMP mimic the effects of catecholamines on excitation-contraction coupling in frog atrial fibers. Richard S, et al. **Pflugers Arch** 1985 Mar;403(3):312-7
Tangier disease: a disorder of intracellular membrane traffic. Schmitz G, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6305-9
Effect of unsaturated acids on membrane structure and enzyme kinetics. Brenner RR. **Prog Lipid Res** 1984; 23(2):69-96 (146 ref.)
Immunocytochemical and enzymecytochemical studies on the intracellular transport mechanism of secretory immunoglobulin A and lactoferrin in human salivary glands. Nakamura T, et al. **Virchows Arch [A]** 1985; 406(3):367-72
[Intracellular compartments and topogenesis of membrane proteins] Tashiro Y. **Nippon Seirigaku Zasshi** 1984; 46(6):215-26 **(Jpn)**
[Various molecular and cellular factors in the regulating system of blood coagulation] Machabeli MS, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):68-73 (48 ref.) **(Rus)**
[Equilibrium characteristics of calcium binding on the inner surface of membrane vesicles] Kosterin SA, et al. **Biofizika** 1985 May-Jun;30(3):436-40 (Eng. Abstr.) **(Rus)**
[The state of brain mitochondrial membranes in stress and its correction with drugs] Kresiun VI. **Biofizika** 1985 Mar-Apr;30(2):306-8 (Eng. Abstr.) **(Rus)**
[Effect of the permeability of lysosomal and mitochondrial membranes on the ability of their cryoextracts to inhibit the protein-synthesizing activity of cell-free systems] Zagnoiko VI, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):16-20 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Structural alterations of the inner mitochondrial membrane in ischemic liver cell injury. Okayasu T, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):638-45

PHYSIOLOGY

Monitoring of mitochondrial membrane potential in isolated perfused rat heart. Kauppinen RA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H508-16
Apical membrane properties and amiloride binding kinetics of the human descending colon. Wills NK, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G749-57
Membrane adhesion in photosynthetic bacterial membranes. Light harvesting complex I (LHI) appears to be the main adhesion factor. Varga AR, et al. **Arch Microbiol** 1985 May; 141(4):290-6
Functional efficiency of mitochondrial membrane of rats with hepatic chronic iron overload. Masini A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):462-9
Respiration induces variable porosity to polyols in the mitochondrial inner membrane. Sambasivarao D, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):195-209
Quantification of endocytosis-derived membrane traffic. Thilo L. **Biochim Biophys Acta** 1985 Sep 9;822(2):243-66 (118 ref.)
Lysosomal membrane recovery following labilization by thyroid stimulators. Neylan D, et al. **Cell Biochem Funct** 1983 Jul;1(2):112-6
Degradation of functional integrity during long-term storage of a freeze-dried biological membrane. Mouradian R, et al. **Cryobiology** 1985 Apr;22(2):119-27
Functional changes in mitochondrial properties as a result of their membrane cryodestruction. II. Influence of freezing and thawing on ATP complex activity of intact liver mitochondria. Tsvetkov T, et al. **Cryobiology** 1985 Apr; 22(2):111-8
Membrane dynamics: flow routes and quantitation of membrane transport and recycling. Morré DJ, et al. **Fed Proc** 1984 Nov;43(14):2884-7 (18 ref.)
Reduction in the mitochondrial membrane potential of Toxoplasma gondii after invasion of host cells. Tanabe K, et al. **J Cell Sci** 1984 Aug;70:73-81
Transient membrane shedding in Limulus photoreceptors: control mechanisms under natural lighting. Chamberlain SC, et al. **J Neurosci** 1984 Nov;4(11):2792-810
Adhesion of axolemmal fragments to Schwann cells: a signal- and target-specific process closely linked to axolemmal induction of Schwann cell mitosis. Sobue G, et al. **J Neurosci** 1985 Feb;5(2):379-87
Membrane specializations of neuritic growth cones in vivo: a quantitative IMP analysis. Small RK. **J Neurosci Res** 1985;13(1-2):39-53
Intracellular K+ activity in canine submandibular gland cells in resting and its change during stimulation. Mori H, et al. **Jpn J Physiol** 1984;34(6):1077-88
Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Blomstrand R, et al. **Lipids** 1985 May;20(5):283-95
Muscarinic receptor-mediated increase of intracellular Na+-ion activity and force of contraction. Korth M, et al. **Pflugers Arch** 1985 Mar;403(3):266-72
Pace-maker current changes during intracellular pH transients in sheep cardiac Purkinje fibres. Van Bogaert PP. **Pflugers Arch** 1985 May;404(1):29-40
Potassium retention in membraneless thymus lymphocyte nuclei. Kellermayer M, et al. **Physiol Chem Phys Med NMR** 1984;16(6):503-11
An intracellular study of dentate, CA1 and CA3 neurones in the mouse hippocampal slice. Biscoe TJ, et al. **Q J Exp Physiol** 1985 Apr;70(2):189-202
Response of ventrobasal thalamic neurons activated by dorsal and dorsolateral funiculi: an intracellular study. Sotgiu ML, et al. **Somatosens Res** 1985;2(4):325-33
[Electrical stability of mitochondrial membranes: the role of thyroid hormones and the fat component of the diet] Marzoev AI, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):149-51 (Eng. Abstr.) **(Rus)**
[Early changes in the permeability of cellular and lysosomal membrane in rat testes after local heating of the scrotum] Vunder PA, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):608-9 (Eng. Abstr.) **(Rus)**
[Role of intracellular calcium stores in the generation of phasic component of K-contraction of the frog myocardium] Mukumov MR, et al. **Fiziol Zh SSSR** 1984 Jun;70(6):833-7 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[The role of lipid components of microsomal membranes of hepatocytes of the central Asian turtle in the actualization of radiation injuries] Ivanov VI, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):191-5 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Simultaneous preparation of membrane fractions from small amounts of skeletal muscle: a study on mitochondrial and microsomal fractions from MedJ mice. Rock E, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):113-9
Factors contributing to inactivation of isolated thylakoid membranes during freezing in the presence of variable amounts of glucose and NaCl. Santarius KA, et al. **Biophys J** 1984 Aug;46(2):129-39
A calcium-rich intraspindle membrane system in spermatocytes of wolf spiders. Wise D, et al. **Chromosoma** 1984;90(2):156-61
Presence of tropomyosin in adrenal chromaffin cells and its association with chromaffin granule membranes. Burgoyne RD, et al. **FEBS Lett** 1985 Jan 1;179(1):25-8
Membranes in the mitotic apparatus: their structure and function. Hepler PK, et al. **Int Rev Cytol** 1984;90:169-238

(137 ref.)

Crucial role of sulfhydryl groups in the mitochondrial inner membrane structure. Lê-Quôc K, et al. **J Biol Chem** 1985 Jun 25;260(12):7422-8

Retrieval of lysosomal membrane and acid phosphatase from phagolysosomes of Paramecium caudatum. Allen RD, et al. **J Cell Biol** 1984 Dec;99(6):1955-9

Antibodies against lysosomal membranes reveal a 100,000-mol-wt protein that cross-reacts with purified H+,K+ ATPase from gastric mucosa. Reggio H, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1511-26

Mutational analysis of patterning of oral structures in Tetrahymena. II. A graded basis for the individuality of intracellular structural arrays. Frankel J, et al. **J Embryol Exp Morphol** 1984 Aug;82:67-95

Localization and characterization of tubulin-like proteins associated with brain mitochondria: the presence of a membrane-specific isoform. Hargreaves AJ, et al. **J Neurochem** 1985 Aug;45(2):490-6

Rhoptry secretion of membranous whorls by Plasmodium berghei sporozoites. Stewart MJ, et al. **J Protozool** 1985 May;32(2):280-3

[Ultrastructure of the membranes of the novocaine segregation zones in nucleated erythrocytes] Komissarchik Ialu, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec; 279(1):223-5 **(Rus)**

INTRACRANIAL ANEURYSM see **CEREBRAL ANEURYSM**

INTRACRANIAL ARTERIOVENOUS MALFORMATIONS see **CEREBRAL ARTERIOVENOUS MALFORMATIONS**

INTRACRANIAL HYPERTENSION, BENIGN see **PSEUDOTUMOR CEREBRI**

INTRACRANIAL PRESSURE

see related

PAPILLEDEMA

Changes in intracranial pressure and epidural pulse waveform following cold injury. Hirai O, et al. **Acta Neurochir (Wien)** 1985;77(1-2):14-21

Normal pressure hydrocephalus: correlation between CT and measurements of cerebrospinal fluid dynamics. Kosteljanetz M, et al. **Acta Neurochir (Wien)** 1985;77(1-2):8-13

Epidural monitoring of the intracranial pressure in severe head injury characterized by non-localizing motor response. Nordby HK, et al. **Acta Neurochir (Wien)** 1985; 74(1-2):21-6

Cerebrospinal fluid and plasma vasopressin during short-time induced intracranial hypertension. Sørensen PS, et al. **Acta Neurochir (Wien)** 1985;77(1-2):46-51

Influence of blood pressure on tolerance to an intracranial expanding mass. Schrader H, et al. **Acta Neurol Scand** 1985 Feb;71(2):114-26

Repetitive measurements of intracranial pressure in awake rabbits. Gyring JA, et al. **Acta Physiol Scand** 1984 Nov; 122(3):299-305

Systemic and pulmonary hemodynamic responses to intracranial hypertension. Chen HI, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H715-21

Assessment of cerebrospinal fluid compliance and outflow resistance: analysis of steady-state response to sinusoidal input. Charlton JD, et al. **Ann Biomed Eng** 1983; 11(6):551-61

Raised intracranial pressure not detected by ultrasound. Pilling DW, et al. **Arch Dis Child** 1985 Jun;60(6):581-3

Acute lymphoblastic leukaemia presenting with raised intracranial pressure. Russell NH, et al. **Arch Dis Child** 1985 Jun;60(6):575-7

Effects of raised intracranial pressure on regional cerebral blood flow: a comparison of effects of naloxone and TRH on the microcirculation in partial cerebral ischaemia. Koskinen LO. **Br J Pharmacol** 1985 Jun;85(2):489-97

New intraventricular catheter for volume pressure response measurements. Gorecki J, et al. **Can J Neurol Sci** 1984 Nov; 11(4):479-80

Cerebral protection: pathophysiology and treatment of increased intracranial pressure. McGillicuddy JE. **Chest** 1985 Jan;87(1):85-93

Increased ICP without ventriculomegaly. Diagnostic and therapeutic problems in a 1-year-old boy. Brawanski A, et al. **Childs Nerv Syst** 1985;1(1):66-8

Cerebrospinal fluid and extracellular fluid: their relationship to pressure and duration of canine hydrocephalus. Page LK. **Childs Nerv Syst** 1985;1(1):12-7

Transmission of intrathoracic pressure to the intracranial space during cardiopulmonary resuscitation in dogs. Guerci AD, et al. **Circ Res** 1985 Jan;56(1):20-30

Intracranial pressure monitoring by subarachnoid bolt in comatose children. Nussbaum E, et al. **Clin Pediatr (Phila)** 1985 Jun;24(6):329-30

Intracranial pressure measurements in the newborn. Hill A. **Clin Perinatol** 1985 Feb;12(1):161-78

Infectious complications and duration of intracranial pressure monitoring. Kanter RK, et al. **Crit Care Med** 1985 Oct; 13(10):837-9

Intracranial pressure and cerebral perfusion pressure in near-drowning. Sarnaik AP, et al. **Crit Care Med** 1985 Apr; 13(4):224-7

ICP monitoring. Gaab MR, et al. **Crit Rev Biomed Eng** 1984; 11(3):189-250 (132 ref.)

A simple method of assessing intracranial pressure in hydrocephalic patients with shunts. LaFerla GA, et al. **Dev Med Child Neurol** 1984 Dec;26(6):732-6

Marked episodic elevation of cerebrospinal fluid pressure during nocturnal sleep in patients with sleep apnea hypersomnia syndrome. Sugita Y, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):214-9

Endotracheal tube suctioning/manual hyperventilation procedure on patients with severe closed head injuries [letter] Clochesy JM. **Heart Lung** 1985 Jan;14(1):107

Increased intracranial pressure and depression in the elderly. Meyers BS. **J Am Geriatr Soc** 1984 Dec;32(12):936-8

Clinical evaluation of two methods of subdural pressure monitoring. Barlow P, et al. **J Neurosurg** 1985 Oct; 63(4):578-82

Methylprednisolone half-life during simultaneous barbiturate treatment and mechanical hyperventilation of neurosurgical patients. Gabrielsen J, et al. **J Neurosurg** 1985 Feb; 62(2):182-5

ICP patterns and isotope cisternography in patients with communicating hydrocephalus following rupture of intracranial aneurysm. Hayashi M, et al. **J Neurosurg** 1985 Feb;62(2):220-6

Pressure-volume conditions in patients with subarachnoid and/or intraventricular hemorrhage. Kosteljanetz M. **J Neurosurg** 1985 Sep;63(3):398-403

Reliability of ICP measuring devices [letter] Martin G. **J Neurosurg** 1984 Dec;61(6):1160-1

Intracranial pressure monitoring by flaccid-cuff catheter in an animal model. Miller JD, et al. **J Neurosurg** 1985 Aug; 63(2):242-5

Selection of patients for ICP monitoring [letter] Narayan RK, et al. **J Neurosurg** 1985 Apr;62(4):624-5

Effect of the skull and dura on neural axis pressure-volume relationships and CSF hydrodynamics. Shapiro K, et al. **J Neurosurg** 1985 Jul;63(1):76-81

Biomechanical and hydrodynamic characterization of the hydrocephalic infant. Shapiro K, et al. **J Neurosurg** 1985 Jul;63(1):69-75

Experimental feline hydrocephalus. The role of biomechanical changes in ventricular enlargement in cats. Shapiro K, et al. **J Neurosurg** 1985 Jul;63(1):82-7

Regional CBF, intraventricular pressure, and cerebral metabolism in patients with ruptured intracranial aneurysms. Voldby B, et al. **J Neurosurg** 1985 Jan; 62(1):48-58

Intracranial pressure changes in arrested hydrocephalus. Whittle IR, et al. **J Neurosurg** 1985 Jan;62(1):77-82

Factors affecting intracranial pressure: a descriptive study. Boortz-Marx R. **J Neurosurg Nurs** 1985 Apr;17(2):89-94

Pseudotumor cerebri and a long-term intracranial pressure monitoring device. McDonald LS. **J Neurosurg Nurs** 1984 Dec;16(6):299-305

Increased intracranial pressure and its systemic effects. Muwaswes M. **J Neurosurg Nurs** 1985 Aug;17(4):238-43

Increased intracranial pressure: management with an intraventricular catheter. Robinet K. **J Neurosurg Nurs** 1985 Apr;17(2):95-104

Cerebral resuscitation therapy in pediatric near-drowning. Frewen TC, et al. **J Pediatr** 1985 Apr;106(4):615-7

Monitoring and treatment of raised intracranial pressure in children [editorial] Dinwiddie R, et al. **J R Soc Med** 1985 Mar;78(3):185-6

The effects of the pneumatic antishock garment on intracranial pressure in man: a prospective study of 12 patients with severe head injury. Gardner SR, et al. **J Trauma** 1984 Oct;24(10):896-900

Intracranial pressure in a case of isolated fourth ventricle. Hayashi T, et al. **Kurume Med J** 1984;31(1):21-5

Measurement of fontanelle pressure (Part I). A new instrument for non-invasive measurement of intracranial pressure via the anterior fontanelle. Honda E. **Kurume Med J** 1984;31(3):235-47

Measurement system of fontanelle pressure (Part II). Trial production of a non-invasive intracranial pressure monitoring system via the anterior fontanelle. Honda E. **Kurume Med J** 1984;31(3):249-58

Fontanelle pressure in infants: discussion on 6 cases of macrocrania. Honda E, et al. **Kurume Med J** 1984; 31(3):273-83

Fontanelle pressure (ICP) in infantile hydrocephalus. Investigation of ICP in 6 cases of hydrocephalus with normal head circumference and without shunting operation. Honda E, et al. **Kurume Med J** 1984;31(3):259-72

Bedside intracranial pressure monitoring [letter] McWilliam R, et al. **Lancet** 1985 Aug 10;2(8450):341

The random nature of cerebral mountain sickness [letter] Ross RT. **Lancet** 1985 Apr 27;1(8435):990-1

Intracranial haemorrhage induced at arterial pressure in the rat. Part 1: Description of technique, ICP changes and neuropathological findings. Bullock R, et al. **Neurol Res** 1984 Dec;6(4):184-8

Use of high frequency jet ventilation during mechanical hyperventilation to reduce intracranial pressure in patients with multiple organ system injury. Hurst JM, et al. **Neurosurgery** 1984 Oct;15(4):530-4

Resistance to outflow of cerebrospinal fluid determined by bolus injection technique and constant rate steady state infusion in humans. Kosteljanetz M. **Neurosurgery** 1985 Mar;16(3):336-40

A comparison of pressure-volume models in hydrocephalus. Simon RH, et al. **Neurosurgery** 1984 Nov;15(5):694-9

Intracranial pressure monitoring by a subdurally placed silicone catheter: technical note. Sugiura K, et al. **Neurosurgery** 1985 Feb;16(2):241-4

Validity of measurements of cerebrospinal fluid outflow resistance estimated by the bolus injection method. Takizawa H, et al. **Neurosurgery** 1985 Jul;17(1):63-6

Simplified technique for subdural pressure monitoring: technical note. Villanueva PA. **Neurosurgery** 1985 Feb; 16(2):238-40

Monitoring intracranial pressure [letter] Woolner M. **Nurs Res** 1984 Nov-Dec;33(6):376

Etomidate infusion for neuro-anaesthesia. A case report. Braude BM, et al. **S Afr Med J** 1985 Jul 20;68(2):111-2

Simultaneous measurement of intraosseous and cerebrospinal fluid pressures in lumbar region. Hanai K, et al. **Spine** 1985 Jan-Feb;10(1):64-8

A noninvasive method for monitoring the effects of increased intracranial pressure with near infrared spectrophotometry. Cairns CB, et al. **Surg Gynecol Obstet** 1985 Aug; 161(2):145-8

Changes in parenchymal and ventricular pressure with experimental epidural compression. Abe T, et al. **Surg Neurol** 1984 Nov;22(5):477-80

Non-invasive intracranial pressure monitoring. A technique for reproducible fontanelle pressure measurements. De Jong DA, et al. **Z Kinderchir** 1984 Aug;39(4):274-6

Simultaneous measurement of ventricular fluid and fontanelle pressure in neonates and infants with hydrocephalus. Kaiser G, et al. **Z Kinderchir** 1985 Feb;40(1):3-6

[Observations on changes in intracranial pressure during craniotomy under acupuncture and general anesthesia] Chen KZ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):153-4 (Eng. Abstr.) **(Chi)**

[Sudden increase in intracranial pressure] Koivikko M, et al. **Duodecim** 1985;101(5):485-90 **(Fin)**

[Monitoring intracranial and arterial pressure and the carbon dioxide expired fraction with tendency curves] Boulard G, et al. **Agressologie** 1984 May;25(6):719-21 **(Fre)**

[Relation between intracranial pressure and residual carotid artery pressure during carotid clamping] Chacornac R, et al. **Agressologie** 1984 May;25(6):691-6 (Eng. Abstr.) **(Fre)**

[Plateau waves and anoxo-ischemic crises. Clinical and physiopathological correlation (apropos of a case)] Chazal J, et al. **Agressologie** 1984 May;25(5):597-9 (Eng. Abstr.) **(Fre)**

[Measurement of intracranial pressure in neurosurgical patients under positive expiratory pressure ventilation] François Y, et al. **Agressologie** 1984 Jun;25(7):801-4 (Eng. Abstr.) **(Fre)**

[Value of intracranial pressure monitoring during the acute phase of neurosurgical intensive care. Apropos of a case] Millet A, et al. **Agressologie** 1984 May;25(5):563-5 (Eng. Abstr.) **(Fre)**

[Loco-regional epidural pressure and differential intracranial pressure: value of monitoring in patients with a unilateral intracerebral lesion] Roux FX, et al. **Agressologie** 1984 May; 25(5):559-61 (Eng. Abstr.) **(Fre)**

[Monitoring intracranial pressure in diffuse posttraumatic brain lesions. Value of the ventricular route (96 cases)] Sichez JP, et al. **Agressologie** 1984 May;25(5):567-9 (Eng. Abstr.) **(Fre)**

[Endocranial biophysical parameters (intracranial pressure, flow velocity, blood pressure, cerebral perfusion pressure) in the complications of subarachnoid hemorrhage] Urciuoli R, et al. **Agressologie** 1984 May;25(6):679-82 (Eng. Abstr.) **(Fre)**

[Influence of the position of the patient on intracranial pressure, cerebral perfusion pressure and prevention of gas embolism] Van Aken J, et al. **Agressologie** 1984 May; 25(6):671-3 **(Fre)**

[Intracranial pressure in severe brain injuries. 1st Part: X-ray computed tomography of cerebrospinal fluids and manometry] Born JD, et al. **Neurochirurgie** 1984; 30(5):325-8 (Eng. Abstr.) **(Fre)**

[Intracranial pressure in severe brain injuries. 2nd Part: Therapeutic interests and prognosis] Born JD, et al. **Neurochirurgie** 1984;30(5):329-34 (Eng. Abstr.) **(Fre)**

[Intracranial pressure recording. Principles, technics, results and possibilities] Gaab MR. **Fortschr Med** 1984 Oct 11; 102(38):957-62 (26 ref.) (Eng. Abstr.) **(Ger)**

[Improved diagnosis of subdural effusions in infants--importance of sonography and the noninvasive measurement of intracranial pressure] Bohlayer R, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):342-6 (Eng. Abstr.) **(Ger)**

[Noninvasive intracranial pressure measurement at the anterior fontanelle in the first days of life] Strassburg HM, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):904-8 (Eng. Abstr.) **(Ger)**

[Intracranial pressure measurement in large skull defects] Stula D. **Neurochirurgia (Stuttg)** 1985 Jul;28(4):164-9 (Eng. Abstr.) **(Ger)**

[Intracranial pressure measurement--indications and results] Hora J, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984;135(2):187-97 (Eng. Abstr.) **(Ger)**

[Special artificial respiration procedures and intracranial pressure. Animal experiment studies, development and use of a new pressure measuring technic, clinical aspects]

Schedl R. **Wien Klin Wochenschr [Suppl]** 1985;157:1–22 (Eng. Abstr.) **(Ger)**

[Analysis of the possible mechanism for decrease of intracranial pressure following arousal stimulation] Motomiya M. **Hokkaido Igaku Zasshi** 1984 May; 59(3):286–98 (Eng. Abstr.) **(Jpn)**

[Effect of increased intracranial pressure on coronary circulation] Sone T, et al. **Masui** 1985 Jun;34(6):760–6 (Eng. Abstr.) **(Jpn)**

[An etiological aspect of normal pressure hydrocephalus. With special reference to diagnostic significance of continuous intracranial pressure monitoring] Katoh Y. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):670–7 (Eng. Abstr.) **(Jpn)**

[Influence of intracranial components on intracranial pressure pulse wave] Matsumoto T. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):411–7 (Eng. Abstr.) **(Jpn)**

[Changes in intracranial pressure and electrophysiological function in acute subdural hematomas, and postoperative barbiturate therapy following decompressive hemicraniectomy] Shigemori M, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):425–32 (Eng. Abstr.) **(Jpn)**

[Analysis of pulse wave recorded on epidural pressure in acute intracranial hypertension] Tokutomi T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):418–24 (Eng. Abstr.) **(Jpn)**

[Some practical problems and several methodological trials in continuous intracranial pressure monitoring] Aruga T, et al. **No Shinkei Geka** 1985 Jan;13(1):27–34 (Eng. Abstr.) **(Jpn)**

[Intracranial hypertension and pressure waves] Hayashi M, et al. **No Shinkei Geka** 1985 Mar;13(3):245–53 (44 ref.) **(Jpn)**

[Fontanelle pressure in infants (Part II). Discussion on 6 cases of macrocrania] Honda E, et al. **No Shinkei Geka** 1985 May;13(5):493–500 (Eng. Abstr.) **(Jpn)**

[Trial production of non-invasive monitoring system from the anterior fontanelle on intracranial pressure] Honda E, et al. **No Shinkei Geka** 1984 Dec;12(13):1487–93 (Eng. Abstr.) **(Jpn)**

[Primary intracranial hypotension associated with chronic subdural hematoma—report of 2 cases] Ohara K, et al. **No Shinkei Geka** 1984 Sep;12(10):1203–8 (Eng. Abstr.) **(Jpn)**

[Systemic blood pressure and respiration during plateau wave phenomena] Hayashi M, et al. **No To Shinkei** 1985 Mar; 37(3):249–54 (Eng. Abstr.) **(Jpn)**

[Note on the mechanism of producing the plateau waves] Hayashi M, et al. **No To Shinkei** 1984 Nov;36(11):1127–33 (Eng. Abstr.) **(Jpn)**

[Systems analysis of pressure transmission in intracranial cavity] Kasuga Y, et al. **No To Shinkei** 1984 Oct; 36(10):1015–23 (Eng. Abstr.) **(Jpn)**

[Computerized infusion test. II. Clinical use] Czernicki Z, et al. **Neurol Neurochir Pol** 1984 Nov–Dec;18(6):561–5 (Eng. Abstr.) **(Pol)**

[Computerized infusion test. I. The method] Sliwka S, et al. **Neurol Neurochir Pol** 1984 Nov–Dec;18(6):553–60 (Eng. Abstr.) **(Pol)**

[Method for the quantitative evaluation of intracranial volumetric pulsation based on PV test data] Pal'tsev EI. **Fiziol Cheloveka** 1984 Nov–Dec;10(6):1045–7 **(Rus)**

[Response of the ventricular system of the brain to anti-orthostasis and occlusion of the jugular veins] Sokolov VI. **Kosm Biol Aviakosm Med** 1984 Jul–Aug;18(4):66–9 (Eng. Abstr.) **(Rus)**

[Changes in the visual fields in patients with occlusive-hydrocephalus and hypertension syndromes] Zadoiannyi LV. **Oftalmol Zh** 1985;(1):33–6 (Eng. Abstr.) **(Rus)**

[Subdural tension pneumocephalus (letter)] Jiménez Escrig A, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):690 **(Spa)**

[Monitoring of intracranial pressure] Acuña ER. **Rev Med Panama** 1985 Jan;10(1):42–7 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Hazards of high dose barbiturate therapy in head-injury patients. Krier C, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:361–9

Intracranial pressure after phenoperidine [letter] Barker J. **Anaesthesia** 1984 Nov;39(11):1150

Intracranial pressure during tetrodotoxin-induced hypotension. Cottrell JE, et al. **Anesth Analg** 1984 Nov; 63(11):1005–8

Intracranial pressure during diltiazem-induced hypotension in anesthetized dogs. Mazzoni P, et al. **Anesth Analg** 1985 Oct;64(10):1001–4

Feedback control of intracranial pressure using mannitol. Larnard DJ, et al. **Ann Biomed Eng** 1985;13(3–4):227–35

Intravenous nitroglycerin administration and ethanol [letter] **Ann Intern Med** 1985 Apr;102(4):558–9

Medical management of raised intracranial pressure after severe birth asphyxia. Levene MI, et al. **Arch Dis Child** 1985 Jan;60(1):12–6

Cerebral electrical activity influences the effects of etomidate on cerebral perfusion pressure in traumatic coma. Bingham RM, et al. **Br J Anaesth** 1985 Sep;57(9):843–8

Isoflurane and cranial extradural pressure. A study in neurosurgical patients. Campkin TV. **Br J Anaesth** 1984 Oct;56(10):1083–7

Comparison of etomidate and althesin in the reduction of increased intracranial pressure after head injury. Dearden NM, et al. **Br J Anaesth** 1985 Apr;57(4):361–8

Prevention of intracranial hypertension during laryngoscopy and endotracheal intubation. Use of a second dose of thiopentone. Unni VK, et al. **Br J Anaesth** 1984 Nov; 56(11):1219–23

Intravenous nitroglycerin-induced intracranial hypertension. Ohar JM, et al. **Crit Care Med** 1985 Oct;13(10):867–8

Effects on intracranial pressure of resuscitation from hemorrhagic shock with hypertonic saline versus lactated Ringer's solution. Prough DS, et al. **Crit Care Med** 1985 May;13(5):407–11

Increased intracranial pressure associated with N-acetylcysteine inhalation therapy [letter] Venturelli J, et al. **Crit Care Med** 1984 Oct;12(10):926–7

Effects of ampicillin and corticosteroids on brain water content, cerebrospinal fluid pressure, and cerebrospinal fluid lactate levels in experimental pneumococcal meningitis. Täuber MG, et al. **J Infect Dis** 1985 Mar; 151(3):528–34

Effect of mannitol on cerebral blood flow and cerebral perfusion pressure in human head injury. Mendelow AD, et al. **J Neurosurg** 1985 Jul;63(1):43–8

Acute effects of nimodipine on the cerebral blood flow and intracranial pressure. Gaab MR, et al. **Neurochirurgia (Stuttg)** 1985 May;28 Suppl 1:93–9

Steroids and head trauma. Molofsky WJ. **Neurosurgery** 1984 Sep;15(3):424–6

[Effect of oxygen at various pressures on intracranial pressure] Gu ZZ. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):17–20 (Eng. Abstr.) **(Chi)**

[Effects of intravenous nitroglycerin on blood pressure, intracranial pressure and total and regional cerebral blood flow in cases of subarachnoid hemorrhage with vasospasm] Artru F, et al. **Agressologie** 1984 Jun;25(7):819–21 (Eng. Abstr.) **(Fre)**

[Intracranial pressure during ketamine administration with spontaneous respiration. An animal experimental model] Pfenninger E, et al. **Anaesthesist** 1985 Apr;34(4):191–6 (Eng. Abstr.) **(Ger)**

[Animal experiment study on the modification of increased intracranial pressure by THAM (tris-hydroxymethylaminomethane) and sodium bicarbonate] Pfenninger E, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):179–83 (Eng. Abstr.) **(Ger)**

[Experimental studies on the behavior of intracranial pressure under prostacyclin application] Seifert V, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):40–5 (Eng. Abstr.) **(Ger)**

[Effects of a water-soluble benzodiazepin: midazolam on intracranial pressure] Mastronardi P, et al. **Minerva Anestesiol** 1984 May;50(5):173–6 (Eng. Abstr.) **(Ita)**

[The effect of prostaglandin E1 on CSFP and its interaction with vasopressor in humans] Saito S, et al. **Masui** 1984 Sep;33(9):947–52 (Eng. Abstr.) **(Jpn)**

[The mechanism of intracranial pressure-reducing effect of mannitol] Takagi H, et al. **No To Shinkei** 1984 Nov; 36(11):1095–102 (Eng. Abstr.) **(Jpn)**

[Significance of prolonged barbiturate therapy on severe head injuries—ICP regulation and duration of barbiturate administration] Yano M, et al. **No To Shinkei** 1984 Oct; 36(10):989–97 (Eng. Abstr.) **(Jpn)**

[Effect of mannitol on the intracranial volume/pressure ratio in patients with severe forms of cerebral insult] Solov'ev OI. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):12–4 (Eng. Abstr.) **(Rus)**

[Mechanism of the decrease in intracranial pressure as affected by furosemide] Pinegin LE, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):682–5 (Eng. Abstr.) **(Rus)**

INTRADERMAL TESTS see under **SKIN TESTS**

INTRAMEDULLARY NAILING see **FRACTURE FIXATION, INTRAMEDULLARY**

INTRAOCULAR PRESSURE

see related
GLAUCOMA
OCULAR HYPERTENSION
TONOMETRY

Some factors affecting the intraocular pressure reduction after argon laser trabeculoplasty in open-angle glaucoma. Bergeå B. **Acta Ophthalmol (Copenh)** 1984 Oct; 62(5):696–704

Intraocular pressure in the first days after implantation of the semiflexible McGhan/3 M, style 70, anterior chamber lens. Naeser K, et al. **Acta Ophthalmol (Copenh)** 1985 Jun; 63(3):285–9

The immediate IOP response of Nd-YAG-laser iridotomy and its prophylactic treatability. Schrems W, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):673–80

Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty. Brown SV, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):373–6

Intermediate-term changes in intraocular pressure after neodymium-YAG laser posterior capsulotomy. Leys MJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):332–3

Momentary fluctuations of intraocular pressure in normal and glaucomatous eyes [letter] Nicastro NJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):354–5

Momentary fluctuations of intraocular pressure in normal and glaucomatous eyes. Piltz JR, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):333–9

Effect of inverted body position intraocular pressure [letter] Smith TJ, et al. **Am J Ophthalmol** 1985 May 15;99(5):617–8

Comparison of standard and computerized tonography instruments on human eyes. Teitelbaum CS, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):403–10

Effect of inverted body position on intraocular pressure. Weinreb RN, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):784–7

Intraocular pressure, ocular pulse pressure, and body position. Buchanan RA, et al. **Am J Optom Physiol Opt** 1985 Jan;62(1):59–62

Intraocular pressure response to inversion. LeMarr JD, et al. **Am J Optom Physiol Opt** 1984 Nov;61(11):679–82

Morphologic studies of uveoscleral outflow in normotensive and glaucomatous beagles with fluorescein-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):89–97

Quantitation of uveoscleral outflow in normotensive and glaucomatous Beagles by 3H-labeled dextran. Barrie KP, et al. **Am J Vet Res** 1985 Jan;46(1):84–8

Aqueous outflow in the beagle: unconventional outflow, using different-sized microspheres. Samuelson DA, et al. **Am J Vet Res** 1985 Jan;46(1):242–8

Corneal blood staining at low pressures. Beyer TL, et al. **Arch Ophthalmol** 1985 May;103(5):654–5

Iris retraction associated with rhegmatogenous retinal detachment syndrome and hypotony. A new explanation. Campbell DG. **Arch Ophthalmol** 1984 Oct;102(10):1457–63

Low-tension glaucoma. Enigma and opportunity [editorial] Drance SM. **Arch Ophthalmol** 1985 Aug;103(8):1131–3

Intraocular pressure and the corneal endothelium after neodymium-YAG laser posterior capsulotomy. Relative effects of aphakia and pseudophakia. Kraff MC, et al. **Arch Ophthalmol** 1985 Apr;103(4):511–4

The Honan intraocular pressure reducer. An experimental study. McDonnell PJ, et al. **Arch Ophthalmol** 1985 Mar; 103(3):422–5

Myopia and unexpected intraocular pressure elevations after neodymium-YAG capsulotomy [letter] Parrish RK 2d, et al. **Arch Ophthalmol** 1985 Sep;103(9):1277

Ocular rigidity and intraocular pressure in keratoconus. Brooks AM, et al. **Aust J Ophthalmol** 1984 Nov; 12(4):317–24

Do any factors predict a favourable response to laser trabeculoplasty? Brooks AM, et al. **Aust J Ophthalmol** 1984 May;12(2):149–53

Effect of short-term intraocular pressure increase on cat retinal ganglion cell activity. Grehn F, et al. **Behav Brain Res** 1984 Nov;14(2):109–21

Postural response of intraocular pressure following traumatic hyphaema. Anid G, et al. **Br J Ophthalmol** 1985 Aug; 69(8):576–9

Aqueous humour turnover and intraocular pressure during menstruation. Green K, et al. **Br J Ophthalmol** 1984 Oct; 68(10):736–40

Ocular hypotensive effect of late pregnancy with and without high blood pressure. Phillips CI, et al. **Br J Ophthalmol** 1985 Feb;69(2):117–9

Neodymium: YAG laser posterior capsulotomy: visual acuity outcome and intraocular pressure elevation. Slomovic AR, et al. **Can J Ophthalmol** 1985 Apr;20(3):101–4

Changes in conjunctival oxygen tension and temperature with advancing age. Isenberg SJ, et al. **Crit Care Med** 1985 Aug;13(8):683–5

Decreased intraocular pressure and aqueous humor turnover rate during longitudinal ocular studies in the rabbit. Green K, et al. **Curr Eye Res** 1985 Feb;4(2):155–8

Calibration of the Alcon applanation pneumatonograph and Perkins tonometer for use in rabbits and cats. Hammond BR, et al. **Curr Eye Res** 1984 Sep;3(9):1155–8

Diurnal and seasonal variations in intraocular pressure in the rabbit. Bar-Ilan A. **Exp Eye Res** 1984 Aug;39(2):175–81

Study of central regulation of intraocular pressure using ventriculocisternal perfusion. Liu JH, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):136–43

Location of the stress-bearing layers of the cornea. McPhee TJ, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):869–72

Outflow facility in acute experimental ciliochoroidal detachment. Pederson JE. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1231–2

Influence of picosecond and nanosecond YAG laser capsulotomy on intraocular pressure. Aron-Rosa DS. **J Am Intraocul Implant Soc** 1985 May;11(3):249–52

Prevalence and clinical associations of intraocular pressure changes in Graves' disease. Allen C, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):183–7

Evidence of extraocular muscle restriction in autoimmune thyroid disease. Gamblin GT, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):167–71

Ocular effects of gravity inversion [letter] **JAMA** 1985 Aug 9;254(6):755–6

Intraocular pressure in uremic patients on chronic hemodialysis. Gafter U, et al. **Nephron** 1985;40(1):74–5

Studies on the involvement of melatonergic mechanism in intraocular pressure regulation. Chiou GC, et al. **Ophthalmic Res** 1984;16(6):302–6

YAG capsulotomy and IOP rise [letter] Parker WT, et al. **Ophthalmic Surg** 1984 Sep;15(9):787

Marked intraocular pressure rise following Nd:YAG laser capsulotomy [letter] Stamm BD. **Ophthalmic Surg** 1984 Sep;15(9):788

Transscleral cyclocoagulation using a neodymium:YAG laser. Wilensky JT, et al. **Ophthalmic Surg** 1985 Feb;16(2):95-8

Ocular tension: comparison between the two eyes. Carel RS, et al. **Ophthalmologica** 1985;190(2):98-101

Change in appearance of the optic disc associated with lowering of intraocular pressure. Greenidge KC, et al. **Ophthalmology** 1985 Jul;92(7):897-903

Intraocular pressure in diabetic persons. Klein BE, et al. **Ophthalmology** 1984 Nov;91(11):1356-60

Acute intraocular pressure response to argon laser iridotomy. Krupin T, et al. **Ophthalmology** 1985 Jul;92(7):922-6

Acute elevations of intraocular pressure following Nd:YAG laser posterior capsulotomy. Slomovic AR, et al. **Ophthalmology** 1985 Jul;92(7):973-6

Diurnal intraocular pressure. Correlation to automated perimetry. Smith J. **Ophthalmology** 1985 Jul;92(7):858-61

The effect of change in intraocular pressure on the natural history of glaucoma: lowering intraocular pressure in glaucoma can result in improvement of visual fields. Spaeth GL. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):256-64

[Direct cyclopexy following operative and traumatic cyclodialysis] Demeler U. **Fortschr Ophthalmol** 1984;81(5):466-8 (Eng. Abstr.) **(Ger)**

[Unusual late complications following implantation of an iridocapsular lens] Emmerich KH, et al. **Fortschr Ophthalmol** 1985;82(2):181-2 (Eng. Abstr.) **(Ger)**

[Uveal blood flow after oculopression] Pillunat LE, et al. **Fortschr Ophthalmol** 1985;82(1):105-8 (Eng. Abstr.) **(Ger)**

[Glaucoma without ocular hypertension. A clinical study] Gramer E, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):262-7 (Eng. Abstr.) **(Ger)**

[Clinical results following revision of covered goniotrepanation (Elliot-Fronimopoulos)] Trinkmann R, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):105-6 (Eng. Abstr.) **(Ger)**

[Modification of retinal hemodynamics by induced changes in intraocular pressure: a videoangiographic study] Richard G. **Ophthalmologica** 1985;190(4):199-204 (Eng. Abstr.) **(Ger)**

[Intraocular pressure in eyes with ciliochoroidal detachment] Nonomura Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1193-9 (Eng. Abstr.) **(Jpn)**

[The effect of body position on intraocular pressure in normal and glaucomatous eyes--a comparative study with pneumatonograph] Shibata T, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):696-701 (Eng. Abstr.) **(Jpn)**

[Effect of muscular disorders on ocular hydrodynamics in Graves-Basedow disease] Czarnomska Z, et al. **Klin Oczna** 1984 Oct;86(10):429-31 (Eng. Abstr.) **(Pol)**

[Measurement of the ocular hypotonic effect of basal iridencleisis] Radian AB. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):49-52 (Eng. Abstr.) **(Rum)**

[Changes in intraocular pressure in response to experimental testing of the amygdaloid complex] Egorkina SB, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):714-8 (Eng. Abstr.) **(Rus)**

[Regulation of ophthalmic tonus in unsubstituted and substituted blood loss] Berete N, et al. **Oftalmol Zh** 1985;(3):167-70 (Eng. Abstr.) **(Rus)**

[Ocular hydrodynamic characteristics of long-lived persons] Chanchikov GF. **Oftalmol Zh** 1984;(4):213-5 (Eng. Abstr.) **(Rus)**

[Effectiveness of graded eye compression in anterior non-perforating keratotomies] Sergienko NM, et al. **Oftalmol Zh** 1985;(1):18-21 (Eng. Abstr.) **(Rus)**

[Posttraumatic hypotension of the eye (clinical characteristics and treatment)] Venger GE. **Oftalmol Zh** 1984;(7):410-4 (Eng. Abstr.) **(Rus)**

[Significance of intolerance indicators in glaucoma] Vodovozov AM, et al. **Oftalmol Zh** 1985;(1):36-8 (Eng. Abstr.) **(Rus)**

[Various calculation errors in elastotonometry] Vurgaft IaM. **Oftalmol Zh** 1985;(2):110-2 (Eng. Abstr.) **(Rus)**

[Mechanism of the hypotensive action of laser trabeculoplasty in open-angle glaucoma] Mamedov NG, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):17-8 **(Rus)**

[Intraocular pressure dynamics in the early postoperative period after intracapsular cryoextraction of a cataract] Shul'pina NB, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):5-8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Enflurane, isoflurane and the eye. Earnshaw G. **Acta Anaesthesiol Scand** 1984 Aug;28(4):419-21

Comparison of the effects of adrenergic agonists and alpha-, beta 1-, beta 2-antagonists on the intraocular pressure and adenylate cyclase activity in the ciliary processes of the rabbit. Palkama A, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):9-15

The effect of topical indomethacin on acute pressure elevation of laser trabeculoplasty in capsular glaucoma. Tuulonen A. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):245-9

An acute ocular inflammatory reaction induced by intravitreal bovine serum albumin in presensitized rabbits: the effect of phentolamine. Uusitalo H. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):636-42

Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure. Barron BA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):377-84

Inhibition of the epinephrine-induced reduction of intraocular pressure by systemic indomethacin in humans. Camras CB, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):169-75

Effect of topical indomethacin and timolol maleate on intraocular pressure in normal subjects. Goldberg HS, et al. **Am J Ophthalmol** 1985 May 15;99(5):576-8

Failure of acetazolamide to decrease intraocular pressure in patients with carbonic anhydrase II deficiency. Krupin T, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):396-9

The effect of a once-daily oral dose of nadolol on intraocular pressure in normal volunteers. Rennie IG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):445-7

Regulation of aqueous flow by the adenylate cyclase receptor complex in the ciliary epithelium. Sears ML. **Am J Ophthalmol** 1985 Jul 15;100(1):194-8

Local ocular hypotensive effect of topically applied acetazolamide [letter] Virno M, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):92-3

The effect of atracurium or fazadinium on intra-ocular pressure. A comparative study during induction of general anaesthesia. Tattersall MP, et al. **Anaesthesia** 1985 Aug;40(8):805-7

Anesthesia and intraocular pressure. Murphy DF. **Anesth Analg** 1985 May;64(5):520-30

Bullous keratopathy accompanying essential iris atrophy: response to lowered intraocular pressure. Choplin NT, et al. **Ann Ophthalmol** 1980 Sep;12(9):1052-3

Treatment of pseudophakic cystoid macular edema by elevation of intraocular pressure. Civerchia LL, et al. **Ann Ophthalmol** 1984 Sep;16(9):890-4

The effect of optic nerve transection upon the hypotensive action of ascorbate and mannitol. Lam KW, et al. **Ann Ophthalmol** 1980 Sep;12(9):1102-4

The effect of prophylactic acetazolamide on the intraocular pressure rise associated with Healon-aided intraocular lens surgery. Lewen R, et al. **Ann Ophthalmol** 1985 May;17(5):315-8

Ethoxzolamide analogue gel. A topical carbonic anhydrase inhibitor. Lewis RA, et al. **Arch Ophthalmol** 1984 Dec;102(12):1821-4

Prevention of intraocular pressure elevation following neodymium-YAG laser posterior capsulotomy. Richter CU, et al. **Arch Ophthalmol** 1985 Jul;103(7):912-5

Effects of topical epinephrine on experimental sickle cell hyphema. Vernot JA, et al. **Arch Ophthalmol** 1985 Feb;103(2):280-3

Indomethacin does not attenuate the ocular hypotensive effect of timolol. Mekki QA, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):523-4

Hyaluronate increases intraocular pressure when used in cataract extraction. Passo MS, et al. **Br J Ophthalmol** 1985 Aug;69(8):572-5

Effect of orally administered nadolol on the intraocular pressure in normal volunteers. Williamson J, et al. **Br J Ophthalmol** 1985 Jan;69(1):38-40

ICI 118,551: an effective ocular hypotensive agent with selectivity for the ciliary process beta 2-adrenoceptor and with minimal cardiac side effects. Nathanson JA. **Br J Pharmacol** 1984 Nov;83(3):821-9

Systemic atropine and glaucoma. Greenstein SH, et al. **Bull NY Acad Med** 1984 Dec;60(10):961-8 (16 ref.)

Lidocaine attenuates the intraocular pressure response to rapid intubation in children. Lerman J, et al. **Can Anaesth Soc J** 1985 Jul;32(4):339-45

Effect of cimetidine on intraocular pressure in patients with glaucoma. Cohen MM, et al. **Can J Ophthalmol** 1984 Aug;19(5):212-4

Effects of opiates and opioids on intraocular pressure of rabbits and humans. Drago F, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):107-13

The effects of separate and combined topical treatment with timolol maleate and trifluormethazolamide on the intraocular pressure in normal rabbits. Bar-Ilan A. **Curr Eye Res** 1984 Nov;3(11):1305-12

Ocular fluid dynamics response to topical RU486, a steroid blocker. Green K, et al **Curr Eye Res** 1985 May;4(5):605-12

Effects of timolol on intraocular pressure following ocular adrenergic denervation. Liu JH, et al. **Curr Eye Res** 1984 Sep;3(9):1113-7

Postjunctional adrenergic receptors in the rabbit eye: effects on uveal flow and intraocular pressure in isolated arterially perfused eyes. van Pinxteren PC, et al. **Curr Eye Res** 1985 Jan;4(1):21-9

Detergents modify uveal flow and intraocular pressure. van Pinxteren PC, et al. **Curr Eye Res** 1985 Feb;4(2):135-41

Pretreatment with detergents modulates the effects of epinephrine on uveal flow and intraocular pressure. van Pinxteren PC, et al. **Curr Eye Res** 1985 Jul;4(7):783-8

Effect of ophthalmic administration of S-596 (Arotinolol) on intraocular pressure and haemodynamics in health volunteers: comparison with timolol. Nakashima M, et al. **Eur J Clin Pharmacol** 1985;28(4):391-6

Combined effect of forskolin and acetazolamide on intraocular pressure and aqueous flow in rabbit eyes. Caprioli J, et al. **Exp Eye Res** 1984 Jul;39(1):47-50

Intraocular pressure, ocular toxicity and neurotoxicity after administration of cannabinol or cannabigerol. Colasanti BK, et al. **Exp Eye Res** 1984 Sep;39(3):251-9

The effect of topical prostacyclin on ocular pressure and pupil size in the pigmented rabbit. Hoyng FJ. **Exp Eye Res** 1985 Jan;40(1):161-5

The intraocular pressure and the pupillary responses of conscious rabbits to racemic erythro-alpha-methylnorepinephrine. Langham ME. **Exp Eye Res** 1984 Dec;39(6):781-90

Alpha-adrenergic antagonists: correlation of the effect on intraocular pressure and on alpha 2-adrenergic receptor binding specificity in the rabbit eye. Mittag TW, et al. **Exp Eye Res** 1985 Apr;40(4):591-9

Exogenous Na-hyaluronate in the anterior chamber of the owl monkey and its effect on the intraocular pressure. Schubert HD, et al. **Exp Eye Res** 1984 Aug;39(2):137-52

Ocular instillation of naloxone increases intraocular pressure in morphine-addicted patients: a possible test for detecting misuse of morphine. Drago F, et al. **Experientia** 1985 Feb 15;41(2):266-7

Ocular hypotension, ocular toxicity, and neurotoxicity in response to marihuana extract and cannabidiol. Colasanti BK, et al. **Gen Pharmacol** 1984;15(6):479-84

Intraocular pressure and systemic blood pressure after administration of vasoactive substances in hypertensive and normal rats. Funk R, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):145-9

Topical ocular hypotensive activity and ocular penetration of dichlorphenamide sodium in rabbits. Lotti VJ, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):13-9

Non-contact tonometry and pupillary responses to topical phenylephrine and thymoxamine. Ramsden RJ, et al. **Int J Clin Pharmacol Res** 1985;5(3):213-4

Effects of dexamethasone, progesterone, and testosterone on IOP and GAGs in the rabbit eye. Knepper PA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1093-100

Prostaglandins E3 and D3 lower intraocular pressure. Kulkarni PS, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1178-82

Effect of topically applied forskolin on aqueous humor dynamics in cynomolgus monkey. Lee PY, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1206-9

Vanadate effects on ocular pressure, (Na+, K+)ATPase and adenylate cyclase in rabbit eyes. Mittag TW, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1335-8

Ocular hypotension in the rabbit. Receptor mechanisms of pirbuterol and nylidrin. Mittag TW, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):163-9

5 beta-Dihydrocortisol: possible mediator of the ocular hypertension in glaucoma. Southren AL, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):393-5

Acute effects of dexamethasone on intraocular pressure in glaucoma. Weinreb RN, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):170-5

Effects of aminotetralins on intraocular pressure and pupillary function in rabbits. Burke JA, et al. **J Auton Pharmacol** 1984 Sep;4(3):185-92

On the pharmacology of L-645,151: a topically effective ocular hypotensive carbonic anhydrase inhibitor. Sugrue MF, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):534-40

Are beta-adrenergic mechanisms involved in ocular hypotensive actions of adrenergic drugs? Chiou GC, et al. **Ophthalmic Res** 1985;17(1):49-53

Pharmacological study on the effects of some ocular hypotensive drugs on aqueous humor formation in the arterially perfused enucleated rabbit eye. Kodama T, et al. **Ophthalmic Res** 1985;17(2):120-4

Effect of pilocarpine in ocular hypotension. Korczyn AD, et al. **Ophthalmic Res** 1985;17(2):72-4

Effect of pilocarpine in treatment of intraocular pressure elevation following neodymium: YAG laser posterior capsulotomy. Brown SV, et al. **Ophthalmology** 1985 Mar;92(3):354-9

The effect of corynanthine on intraocular pressure in clinical trials. Serle JB, et al. **Ophthalmology** 1985 Jul;92(7):977-80

An ophthalmic beta antagonist with rapid systemic deactivation. Van Buskirk EM, et al. **Ophthalmology** 1985 Jun;92(6):811-4

Hypotony and ciliochoroidal detachment following pharmacologic aqueous suppressant therapy in previously filtered patients. Vela MA, et al. **Ophthalmology** 1985 Jan;92(1):50-7

Effects of prostaglandins on intraocular pressure recovery rate in rabbits. Trzeciakowski JP, et al. **Prostaglandins** 1985 Mar;29(3):497-510

Intracamerally applied prostacyclin raises the intraocular pressure in the rabbit. Sieber R, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):9-17

[Study on aqueous humor dynamics: mechanism of the reduction of intraocular pressure by topical administration of timolol in the rabbit eye by means of the fluorescein concentration curve of the aqueous humor] Sun NX. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):19-22 **(Chi)**

[Study on 'cui xing an' in lowering intraocular pressure and miosis. Part II. Preliminary observation on its therapeutic effect on primary open-angle glaucoma] Yang BL. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):14-8 **(Chi)**

[Effect of forskolin eyedrops on intraocular pressure in healthy males] Badian M, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):522-6 (Eng.

Abstr.) **(Ger)**

[Normal range of intraocular pressure during enflurane anesthesia in children] Masuda R, et al. **Masui** 1985 Mar; 34(3):325-9 (Eng. Abstr.) **(Jpn)**

[Effects of intravenous infusion of prostaglandin E1 on intraocular pressure, pupil diameter and blood-aqueous barrier in man] Namba H, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1250-4 (Eng. Abstr.) **(Jpn)**

[Early signs of disorders of metabolism of aqueous humor in workers exposed to allyl chloride and its derivatives] Kasimova MD, et al. **Oftalmol Zh** 1985;(1):46-8 (Eng. Abstr.) **(Rus)**

[Effect of lithium hydroxybutyrate on intraocular pressure and the blood supply of ocular vessels] Kryzhanovskiĭ GN, et al. **Oftalmol Zh** 1984;(6):366-9 (Eng. Abstr.) **(Rus)**

[Hypersecretion of intraocular fluid caused by styrene vapors] Alieva ZA, et al. **Vestn Oftalmol** 1985 Mar-Apr; 101(2):60-2 (Eng. Abstr.) **(Rus)**

[Use of pentamine for regulating intraocular pressure during cataract extraction] Bezpal'chiĭ AN, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):22-4 (Eng. Abstr.) **(Rus)**

[Dehydration therapy during cataract extraction] Pisetskaia SF. **Vestn Oftalmol** 1985 Mar-Apr;101(2):25-6 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Argon laser trabeculoplasty as a means of decreasing intraocular pressure from 'normal' levels in glaucomatous eyes. Sharpe ED, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):704-7

Central retinal artery occlusion following YAG synechialysis [letter] Paylor R. **Arch Ophthalmol** 1985 Mar;103(3):325-6

INTRAOPERATIVE CARE

Evaluation of two methods of rapid blood-glucose monitoring by unskilled personnel during surgery. Madsbad S, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):649-51

Intraoperative spinal sonography of soft-tissue masses of the spinal cord and spinal canal. Quencer RM, et al. **AJR** 1984 Dec;143(6):1307-15

Normal intraoperative spinal sonography. Quencer RM, et al. **AJR** 1984 Dec;143(6):1301-5

Intraoperative biliary endoscopy (choledochoscopy) in California hospitals. Shulman AG, et al. **Am J Surg** 1985 Jun;149(6):703-4

A microcomputer based controller for neuromuscular block during surgery. Ritchie G, et al. **Ann Biomed Eng** 1985; 13(1):3-15

Intraoperative urinary cyclic adenosine monophosphate as a guide to successful reoperative parathyroidectomy. Norton JA, et al. **Ann Surg** 1984 Oct;200(4):389-95

The role of imaging ultrasound during pancreatic surgery. Sigel B, et al. **Ann Surg** 1984 Oct;200(4):486-93

Intraoperative nursing: developing an elective. Nelson JC. **AORN J** 1984 Oct;40(4):564-5

Contribution of intraoperative biliary manometry for the diagnosis of bile duct stones. Castelfranchi PL, et al. **Braz J Med Biol Res** 1984;17(3-4):281-4

Intraoperative endocardial mapping during sinus rhythm: relationship to site of origin of ventricular tachycardia. Kienzle MG, et al. **Circulation** 1984 Dec;70(6):957-65

Evaluation of the effectiveness of DDAVP in surgery and in bleeding episodes in haemophilia and von Willebrand's disease. A study on 43 patients. Mariana G, et al. **Clin Lab Haematol** 1984;6(3):229-38

Computer-assisted continuous infusion of the intravenous analgesic fentanyl during general anesthesia--an interactive system. Alvis JM, et al. **IEEE Trans Biomed Eng** 1985 May; 32(5):323-9

Antibiotic prophylaxis in transurethral surgery: a comparison of sulbactam-ampicillin and cefoxitin. Dørflinger T, et al. **Infection** 1985 Mar-Apr;13(2):66-9

Implications of nimodipine prophylaxis of cerebral vasospasm on anesthetic management during intracranial aneurysm clipping. Stullken EH Jr, et al. **J Neurosurg** 1985 Feb; 62(2):200-5

Wide variation in risk of wound infection following clean neurosurgery. Implications for perioperative antibiotic prophylaxis. Tenney JH, et al. **J Neurosurg** 1985 Feb; 62(2):243-7

Intraoperative assessment of the reconstructed mitral valve [letter] Cohn LH. **J Thorac Cardiovasc Surg** 1985 Aug; 90(2):311-2

Intraoperative 3-dimensional radiography of the kidney. Modified technique. Gil-Vernet JM, et al. **J Urol** 1984 Nov; 132(5):872-3

Intraoperative assessment of carotid endarterectomy. Zierler RE, et al. **J Vasc Surg** 1984 Jan;1(1):73-83

A case report of repeated intraoperative electron beam irradiation on an aged patient with lung cancer. Nakatsu T, et al. **Keio J Med** 1982 Dec;31(4):181-90

Intraoperative esophageal electrocardiography. Kates RA. **Mt Sinai J Med** (NY) 1984 Sep;51(5):573-7

The spine and spinal cord during neurosurgical operations: real-time ultrasonography. Rubin JM, et al. **Radiology** 1985 Apr;155(1):197-200

On-line metabolic monitoring of the heart during cardiac surgery. Khuri SF, et al. **Surg Clin North Am** 1985 Jun; 65(3):439-53 (30 ref.)

Safer intraoperative carotid arteriography. Hans SS, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):171-2

The efficacy of routine completion operative angiography in reducing the incidence of perioperative stroke associated with carotid endarterectomy. Jernigan WR, et al. **Surgery** 1984 Nov;96(5):831-8

Intraoperative assessment of in situ saphenous vein bypass grafts with continuous-wave Doppler probe. Spencer TD, et al. **Surgery** 1984 Nov;96(5):874-7

Clinical significance of intraoperative sonography on hepatectomy in primary carcinoma of the liver. Igawa S, et al. **World J Surg** 1984 Oct;8(5):772-7

[Evaluation of the efficacy of insulin therapy during the intraoperative period in nondiabetic patients] Lobera A, et al. **Agressologie** 1984 Sep;25(8):925-9 (Eng. Abstr.) **(Fre)**

[Peroperative insulin treatment] Scherpereel P. **Ann Fr Anesth Reanim** 1985;4(1):59-65 **(Fre)**

[Peroperative autotransfusion] Arnold JF, et al. **Cah Anesthesiol** 1984 Mar;32(3):189-95 (Eng. Abstr.) **(Fre)**

[Intraoperative mechanical autotransfusion: examination of the withdrawn blood before retransfusion (letter)] **Anaesthesist** 1985 May;34(5):255-60 **(Ger)**

[Methodologic aspects of the intraoperative monitoring of evoked potentials] Hacke W, et al. **EEG EMG** 1984 Sep; 15(3):127-31 (Eng. Abstr.) **(Ger)**

[Intra-operative EEG monitoring; the performance of the NEUROTRAC] Kinefuchi Y, et al. **Masui** 1984 Oct; 33(10):1112-7 (Eng. Abstr.) **(Jpn)**

[Perioperative management of hypertrophic obstructive cardiomyopathy by using continuous propranolol infusion] Noguchi T, et al. **Masui** 1985 Feb;34(2):247-50 (Eng. Abstr.) **(Jpn)**

[Use of moderate prolonged ganglioplegia intra- and postoperatively] Ponkratov PA, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):58-62 (Eng. Abstr.) **(Rus)**

[Central hemodynamics and blood volume in children with urinary diseases during the performance of hypervolemic hemodilution in surgery] Mukhin VKh, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):65-9 (Eng. Abstr.) **(Rus)**

METHODS

Perioperative management of newborn pharyngeal teratomas. Diaz JH, et al. **Anesthesiology** 1984 Nov;61(5):608-10

Intraoperative monitoring. The EEG monitor can be a window to the brain. Fay MF, et al. **AORN J** 1985 Jun; 41(6):1046-9

Combining CT scanning with stereotactic surgery. Gildenberg PL. **Comput Radiol** 1985 Mar-Apr;9(2):91-100

Role of intra-operative wound lavage in post-operative wound infection. Sood S, et al. **Indian J Med Res** 1985 Jan;81:92-5

Intraoperative radiotherapy in advanced, recurrent or metastatic malignancy. Calkins AR, et al. **Indiana Med** 1985 Mar;78(3):206-8

Intraoperative irradiation: a new technique in pediatric oncology. Kaufman BH, et al. **J Pediatr Surg** 1984 Dec; 19(6):861-2

Intraoperative autologous transfusion. Popovsky MA, et al. **Mayo Clin Proc** 1985 Feb;60(2):125-34 (62 ref.)

A quantitative assessment of the brain stem auditory evoked response during intraoperative monitoring. Zappulla R, et al. **Neurosurgery** 1984 Aug;15(2):186-91

[Possibilities for emergency intraoperative cytological diagnosis in cancer patients] Sil'chenko SA. **Klin Khir** 1985 May;(5):20-2 (Eng. Abstr.) **(Rus)**

INTRAOPERATIVE COMPLICATIONS

Vasospastic angina after calcium injection. Boulanger M, et al. **Anesth Analg** 1984 Dec;63(12):1124-6

A complication caused by an adhesive plastic drape [letter] Litwack R, et al. **Anesth Analg** 1985 Apr;64(4):462

Perianesthetic ischemic episodes cause myocardial infarction in human--a hypothesis confirmed [editorial] Lowenstein E. **Anesthesiology** 1985 Feb;62(2):103-6

The pharmacokinetics of d-tubocurarine with surgery involving salvaged autologous blood. Shanks CA, et al. **Anesthesiology** 1985 Feb;62(2):161-5

Does perioperative myocardial ischemia lead to postoperative myocardial infarction? Slogoff S, et al. **Anesthesiology** 1985 Feb;62(2):107-14

Perioperative complications of percutaneous ultrasonic lithotripsy of renal calculi. Warner MA, et al. **Anesthesiology** 1985 Jun;62(6):831-3

Severance of the thenar branch of the median nerve as a complication of carpal tunnel release. Lilly CJ, et al. **J Hand Surg [Am]** 1985 May;10(3):399-402

Complications of opponensplasty with transfer of extensor carpi ulnaris to extensor pollicis brevis. Wood VE, et al. **J Hand Surg [Am]** 1984 Sep;9(5):699-704

Injury to the medial antebrachial cutaneous nerve during cubital tunnel surgery. Dellon AL, et al. **J Hand Surg [Br]** 1985 Feb;10(1):33-6

The risk of cerebral damage during graded brain retractor pressure in the rat. Rosenørn J, et al. **J Neurosurg** 1985 Oct;63(4):608-11

Surgical complications of neuroblastoma resection. Azizkhan RG, et al. **Surgery** 1985 May;97(5):514-7

[Reabsorption of the irrigation solute during percutaneous nephrolithotomy] Cariou G, et al. **Ann Urol (Paris)** 1985; 19(2):83-6 (Eng. Abstr.) **(Fre)**

[Internal blistering of armored latex endotracheal tubes] Rouco Martínez I, et al. **Rev Esp Anestesiol Reanim** 1984 Sep-Oct;31(5):208-10 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

The value of perioperative Doppler ankle systolic pressure measurements in reconstructive arterial surgery. Wood DJ, et al. **Br J Surg** 1985 Jul;72(7):533-6

Intraoperative assessment of carotid endarterectomy. Zierler RE, et al. **J Vasc Surg** 1984 Jan;1(1):73-83

[Intraoperative monitoring using transesophageal 2-dimensional echocardiography] Kremer P, et al. **Anaesthesist** 1985 Mar;34(3):111-7 (Eng. Abstr.) **(Ger)**

[Microvascular intraoperative Doppler sonography] Gilsbach JM. **Ultraschall Med** 1984 Oct;5(5):246-54 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Intra- and perioperative aspects of the hemodynamics of supratentorial AV-malformations. Hassler W, et al. **Acta Neurochir (Wien)** 1984;73(1-2):35-44

Cardiac arrest during anesthesia. Foëx P. **Am J Emerg Med** 1984 May;2(3):241-5

Current electrosurgical practice: hazards. Pearce J. **J Med Eng Technol** 1985 May-Jun;9(3):107-11

Air embolism in the operating room. Little VM, et al. **J Neurosurg Nurs** 1985 Jun;17(3):164-8

Cystectomy: a catastrophic complication of herniorrhaphy. Redman JF, et al. **J Urol** 1985 Jan;133(1):97-8

Anuria in transplant patient following inguinal herniorrhaphy. Selman SH, et al. **J Urol** 1985 Apr; 133(4):669-70

Air embolism through a ventriculoatrial shunt during posterior fossa operation: case report. Nehls DG, et al. **Neurosurgery** 1985 Jan;16(1):83-4

Visual disturbances in TUR reaction. Gillett W, et al. **Urology** 1985 Jun;25(6):573-5

[Incidence of perioperative cardiovascular complications. A prospective study of 700 patients] Hartung HJ, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):302-6 (Eng. Abstr.) **(Ger)**

[Intraoperative complications in phacoemulsification--analysis and initial results] Treumer H. **Fortschr Ophthalmol** 1985;82(3):247-50 (Eng. Abstr.) **(Ger)**

[Complications and late sequelae following radical cystectomy and supravesicle urinary diversion] Ackermann R, et al. **Urologe [A]** 1985 May;24(3):150-5 (Eng. Abstr.) **(Ger)**

[Complications of radical prostatectomy] Frohmüller H, et al. **Urologe [A]** 1985 May;24(3):142-7 (Eng. Abstr.) **(Ger)**

[Transurethral punch resection of the prostate (cold punch). Results and complications] Frohmüller H, et al. **Urologe [A]** 1985 Jul;24(4):184-8 (Eng. Abstr.) **(Ger)**

[Intra- and postoperative complications in interventions of the kidney, kidney calices and upper ureter] Lutzeyer W. **Urologe [A]** 1985 May;24(3):127-31 (Eng. Abstr.) **(Ger)**

[Operative complications in transurethral operations: causes and prevention] Mauermayer W. **Urologe [A]** 1985 Jul; 24(4):180-3 (Eng. Abstr.) **(Ger)**

[Causes and prevention of complications in transurethral interventions. Interventions in the urethra] Sachse H, et al. **Urologe [A]** 1985 Jul;24(4):189-94 (Eng. Abstr.) **(Ger)**

[Anesthesia in a case of retroperitoneal paraganglioma not diagnosed preoperatively] Rodriguez Alvarez E, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):253-5 (Eng. Abstr.) **(Spa)**

NURSING

Intraoperative hypothermia. A review of measures to protect patients. Marta MR. **AORN J** 1985 Aug;42(2):240-2

OCCURRENCE

Intraoperative complications of sagittal osteotomy of the mandibular ramus: incidence and management. Turvey TA. **J Oral Maxillofac Surg** 1985 Jul;43(7):504-9

PATHOLOGY

A procedure for the investigation of anesthetic/surgical deaths. Reay DT, et al. **J Forensic Sci** 1985 Jul;30(3):822-7

PHYSIOPATHOLOGY

Transcutaneous PO2 monitoring in the anesthetic management of a patient with Eisenmenger's syndrome. Skinner DH, et al. **Crit Care Med** 1985 Jul;13(7):608-9

Limitations of brain stem auditory evoked potentials for intraoperative monitoring during a posterior fossa operation: case report and technical note. Piatt JH Jr, et al. **Neurosurgery** 1985 Jun;16(6):818-21

PREVENTION & CONTROL

Peroperative hypothermia. Tølløfsrud SG, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):511-5

Prevention of perioperative infections. **Antibiot Chemother**

1985;33:1-208

Use of balloon occlusion and substances to protect ischemic brain during resection of posterior fossa AVM. Case report. Suzuki J, et al. **J Neurosurg** 1985 Oct;63(4):626-9

The use of topical vasodilators as an adjunct in infant renal surgery. Gearhart JP, et al. **J Urol** 1985 Aug;134(2):298-300

[Protection against spinal cord ischemia in the treatment of traumatic rupture of the aortic isthmus] Donzeau-Gouge GP, et al. **Ann Chir** 1983 Mar;37(2):137-9 (Eng. Abstr.) **(Fre)**

[Complications of percutaneous kidney surgery--prevention and control] Heinrichs B, et al. **Urologe [A]** 1985 May; 24(3):132-6 (Eng. Abstr.) **(Ger)**

[Prevention of blood loss in operations for portal hypertension] Korotkiĭ VN, et al. **Klin Khir** 1984 Sep; (9):71-2 **(Rus)**

SURGERY

[Interdisciplinary cooperation with surgery] Nier H, et al. **Gynakologe** 1985 Mar;18(1):15-23 **(Ger)**

THERAPY

'Central heating' for intraoperative hypothermia [letter] Bar Z. **Crit Care Med** 1984 Dec;12(12):1082

Transcutaneous temporary pacing in the operating room. Berliner D, et al. **JAMA** 1985 Jul 5;254(1):84-6

Cerebral aneurysm rupture during neurosurgery. Greenberg IM. **Neurosurgery** 1984 Aug;15(2):243-5

[Intraoperative autotransfusion. Studies on the effectiveness and quality of washed autologous erythrocytes] Paravicini D. **Fortschr Med** 1985 Apr 25;103(16):429-32 (Eng. Abstr.) **(Ger)**

[Causes, prevention and treatment of complications of lymphadenectomy in testicular tumor patients] Vahlensieck EW, et al. **Urologe [A]** 1985 May;24(3):137-41 (Eng. Abstr.) **(Ger)**

VETERINARY

Hemorrhage from the cosmetic otoplasty of Doberman Pinschers with von Willebrand's disease. Johnson GS, et al. **Am J Vet Res** 1985 Jun;46(6):1335-40

INTRAOPERATIVE PERIOD see under **SURGERY, OPERATIVE**

INTRAUTERINE DEVICE EXPULSION

Insertion technique, not design, affects expulsion rates of postpartum intrauterine device. Stumpf PG, et al. **Contraception** 1984 Oct;30(4):327-30

Immediate post-placental IUD insertion: the expulsion problem. Thiery M, et al. **Contraception** 1985 Apr; 31(4):331-49

ADVERSE EFFECTS

Management of the missing intrauterine contraceptive device: report of a case. Gorsline JC, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):228-9

INTRAUTERINE DEVICES

Removal of IUDs in early pregnancy [letter] Gustavii B, et al. **Acta Obstet Gynecol Scand** 1984;63(6):571-2

Surface changes in intrauterine contraceptive devices after variable use. Keith L, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):69-78

Actinomyces and the intrauterine contraceptive device: aspects of the fluorescent antibody stain. Pine L, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):287-90

Long-term use of intrauterine contraceptive devices in a private practice. Sandmire HF, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):169-75

Post-cesarean section insertion of intrauterine devices. Chi IC, et al. **Am J Public Health** 1984 Nov;74(11):1281-2

Failure of post-coital contraception after insertion of an intrauterine device. Case report [letter] Goldstuck N. **Br J Obstet Gynaecol** 1985 Jan;92(1):107

Intrauterine devices. Mishell DR Jr. **Clin Obstet Gynaecol** 1984 Dec;11(3):679-700

Interval insertion of intrauterine device in women with previous cesarean section. Chi IC, et al. **Contraception** 1984 Sep;30(3):209-14

Insertion technique, not design, affects expulsion rates of postpartum intrauterine devices [letter] Sivin I. **Contraception** 1985 May;31(5):553-5

17-beta Estradiol and progesterone levels in plasma of rhesus monkeys bearing copper-T device. Chandra G, et al. **Horm Metab Res** 1985 Jun;17(6):323

Scanning electron microscopy, x-ray diffraction, and electron microprobe analysis of calcific deposits on intrauterine contraceptive devices. Khan SR, et al. **Hum Pathol** 1985 Jul;16(7):732-8

A study of delta intrauterine devices in Ankara, Turkey. Kisnisci H, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):51-4

A misplaced intrauterine device: a case report. Nguma M, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):421-4

Isolation and identification of actinomycetes from women using intrauterine contraceptive devices. Jarvis D. **J Infect** 1985 Mar;10(2):121-5

Post-coital contraception. Kubba AA. **J R Soc Health** 1984 Dec;104(6):212-3

Postpartum insertion of modified intrauterine devices. Cole LP, et al. **J Reprod Med** 1984 Sep;29(9):677-82

Ultrasonically controlled removal of an intrauterine contraceptive device. Ylöstalo PR, et al. **JCU** 1984 Oct; 12(8):505-6

Pregnancy with IUD in situ. Fallon JH. **Kans Med** 1985 Jul; 86(7):231, 253

Intra-uterine contraceptive devices. Elias J. **Practitioner** 1985 May;229(1403):431-6

[Endometrial estrogen and progesterone receptors in women wearing intrauterine contraceptive devices] Niu EM. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):160-3, 190 (Eng. Abstr.) **(Chi)**

[Two years' clinical experience with puerperal insertion of intrauterine devices] Zhou SW. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):46-8, 61 (Eng. Abstr.) **(Chi)**

[Forgotten coil as the cause of infertility] Jacobsen IR. **Ugeskr Laeger** 1984 May 14;146(20):1496 (Eng. Abstr.) **(Dan)**

[Contraception using an intrauterine device inserted 1 month after delivery] Lopes P, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):701-6 (Eng. Abstr.) **(Fre)**

[Intrauterine devices: current status in Canada] Fugère P. **Union Med Can** 1984 Jun;113(6):538-9 (Eng. Abstr.) **(Fre)**

[Hormonal contraception and IUDs in adolescents] Mall-Haefeli M. **Fortschr Med** 1984 Sep 6;102(33):823-4 **(Ger)**

[Intrauterine contraception] Tauber PF. **Gynakologe** 1984 Sep;17(3):185-93 **(Ger)**

[Ultrasonic evaluation of the position of intrauterine contraceptive devices] Suzin J, et al. **Ginekol Pol** 1984 Sep; 55(9):675-9 (Eng. Abstr.) **(Pol)**

[Sensitivity of pituitary gonadotropins to luliberin in women using intrauterine contraceptive devices] Kononova ES, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):60 **(Rus)**

[Personal experience with the extraction of 'lost' intrauterine devices by the Soonawalla method] Berić B, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):54-6 (Eng. Abstr.) **(Scr)**

[Gonorrhea in women using intrauterine contraceptive devices] Péč J, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):215-20 (Eng. Abstr.) **(Slo)**

[The Monterrey IUD. A retrospective view] García-Flores RF. **Ginecol Obstet Mex** 1983 Sep;51(317):249-52 (Eng. Abstr.) **(Spa)**

[T-post-partum, an intrauterine contraceptive for the immediate puerperium] Martinez D, et al. **Ginecol Obstet Mex** 1983 Dec;51(320):331-4 (Eng. Abstr.) **(Spa)**

[The non-participation of Na, K, and Mg ions in Lippes loop breakage] Torres Ramírez A, et al. **Ginecol Obstet Mex** 1985 Feb;53(334):29-34 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Effect of intrauterine devices on menstrual blood loss. Gao J, et al. **Acta Acad Med Wuhan** 1984;4(3):140-4

Correlation between the incrustation of intrauterine devices and the duration of their use. Patai K, et al. **Acta Chir Hung** 1985;26(3):157-61

Type of intrauterine device and actinomyces-like organisms: is there a correlation? [letter] Hermet R. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):774-5

Incidence of actinomycetes infection in women using intrauterine contraceptive devices. Nayar M, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):111-6

Uterine malignancies developing after a long term use of IUCD's. Hsu CT, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):347-57

Intrauterine devices and pelvic inflammatory disease. McCarthy T, et al. **Aust NZ J Obstet Gynaecol** 1984 May; 24(2):106-10 (0 ref.)

Microbiology of vaginitis associated with the intrauterine contraceptive device. Kivijärvi A, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):917-23

Morphological changes in tubal mucosa associated with the use of intrauterine contraceptive devices. Wollen AL, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1123-8

Ultrasound localisation of intra-uterine contraceptive devices and associated pathology. Aaron J. **Br J Radiol** 1984 Sep; 57(682):795-7

Insertion of intrauterine contraceptive device in a patient with a ventricular septal defect: need for antibiotic prophylaxis. Gammage MD, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1516-7

Is the Dalkon Shield more dangerous than other IUCDs? [letter] Savage W. **Br Med J [Clin Res]** 1985 Aug 3; 291(6491):345

Primary ovarian pregnancy and the intrauterine contraceptive device. A case report. Feng YZ. **Chin Med J [Engl]** 1984 Jun;97(6):433-4

Treatment of IUD related menorrhagia by indomethacin. Yarkoni S, et al. **Clin Exp Obstet Gynecol** 1984;11(4):120-2

A comparison of the actual and expected pain response following insertion of an intrauterine contraceptive device. Goldstuck ND, et al. **Clin Reprod Fertil** 1985 Mar; 3(1):65-71

PID associated with fertility regulating agents. Task Force on Intrauterine Devices, Special Programme of Research, Development and Research Training in Human Reproduction, World Health Organization. **Contraception** 1984 Jul;30(1):1-21

Microbiological and histological findings in the fallopian tubes of women using various contraceptive methods. Collins JA, et al. **Contraception** 1984 Nov;30(5):457-66

The negative effect of the IUCD on the occurrence of heteroploidy--correlated abnormalities in spontaneous abortions: an update. Honoré LH. **Contraception** 1985 Mar; 31(3):253-60

Influence of removal of intrauterine contraceptive devices on colonisation of the cervix by actinomyces-like organisms. Mao K, et al. **Contraception** 1984 Dec; 30(6):535-44

Insertion technique, not design, affects expulsion rates of postpartum intrauterine device. Stumpf PG, et al. **Contraception** 1984 Oct;30(4):327-30

Evaluation of 24 patients with IUD-related problems: hysteroscopic findings. Tadesse E, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):37-41

Robins will pay for Dalkon Shield removal. **FDA Drug Bull** 1984 Dec;14(3):23

Comparative cytologic evaluation of device smears in women using CuT 200 devices & Lippes loop. Engineer AD, et al. **Indian J Med Res** 1984 Jun;79:766-71

Fertility and contraception of 6 patients with ovarian pregnancy. Portuondo JA, et al. **Int J Fertil** 1984; 29(4):254-6

IUD induced bleeding and the way of therapy. Batár I. **Int J Gynaecol Obstet** 1984 Jun;22(3):203-6

Abdominal manifestations of actinomycosis in IUD users. Asuncion CM, et al. **J Clin Gastroenterol** 1984 Aug; 6(4):343-8

Actinomyces naeslundii as an agent of pelvic actinomycosis in the presence of an intrauterine device. Bonnez W, et al. **J Clin Microbiol** 1985 Feb;21(2):273-5

The relation between Trichomonas vaginalis and contraceptive measures. el-Boulaqi HA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):495-9

Abdominal wall actinomycosis associated with an IUD. A case report. Adachi A, et al. **J Reprod Med** 1985 Feb; 30(2):145-8

Association of actinomyces and intrauterine contraceptive devices. Yoonessi M, et al. **J Reprod Med** 1985 Jan; 30(1):48-52

IUDs and infertility [letter] **N Engl J Med** 1985 Sep 5; 313(10):635-7

Tubal infertility and the intrauterine device. Cramer DW, et al. **N Engl J Med** 1985 Apr 11;312(15):941-7

Primary tubal infertility in relation to the use of an intrauterine device. Daling JR, et al. **N Engl J Med** 1985 Apr 11;312(15):937-41

Current status of intrauterine devices [editorial] Mishell DR Jr. **N Engl J Med** 1985 Apr 11;312(15):984-5

Dalkon Shield [letter] Jones EL. **NZ Med J** 1985 Jul 24; 98(783):609

The intrauterine device and uterine perforation [letter] Sivin I. **Obstet Gynecol** 1984 Nov;64(5):744-6

Peritonitis in the immunosuppressed female--possible role of the IUCD [letter] O'Donnell D, et al. **S Afr Med J** 1985 Aug 3;68(3):136-7

Long term effects of IUD on the human endometrium. Histologic, histochemical and ultrastructural studies. Lee YB, et al. **Yonsei Med J** 1983;24(2):141-8

[Complications of contraception with the intrauterine coil] Frantsov S, et al. **Akush Ginekol (Sofiia)** 1985;24(2):64-5 (Eng. Abstr.) **(Bul)**

[Preliminary observation on the use of intrauterine devices after cesarean sections (a report of 735 cases)] Yu GL. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):49-50, 61 (Eng. Abstr.) **(Chi)**

[Psychosomatic complications of contraception] Cepický P, et al. **Cesk Gynekol** 1984 Nov;49(9):647-9 **(Cze)**

[Breakage of a coil in utero] Sigh B. **Ugeskr Laeger** 1984 Jun 25;146(26):1939 (Eng. Abstr.) **(Dan)**

[Real and false risks of intrauterine devices] Revaz C. **Gynakol Rundsch** 1984;24 Suppl 1:29-36 **(Fre)**

[Intrauterine devices 'lost' in the abdomen. Apropos of 10 cases] Chelli H, et al. **Tunis Med** 1984 Mar-Apr;62(2):113-8 (Eng. Abstr.) **(Fre)**

[Morphologic changes in cervix smears by intrauterine pessary] Ortner A, et al. **Geburtshilfe Frauenheilkd** 1985 Apr;45(4):244-6 (Eng. Abstr.) **(Ger)**

[Contraception with the intrauterine pessary: risk of pelvic inflammatory disease] Alder C, et al. **Ther Umsch** 1984 Jul; 41(7):502-5 (Eng. Abstr.) **(Ger)**

[Actinomycotic tubo-ovarian abscess in the presence of an intrauterine device] Lunow E, et al. **Zentralbl Gynakol** 1984;106(18):1281-7 (Eng. Abstr.) **(Ger)**

[Septic pelvic complications with fatal outcome caused by an IUD] Kisimre L, et al. **Orv Hetil** 1984 Oct 28; 125(44):2689-90 (Eng. Abstr.) **(Hun)**

[Intrauterine contraceptive devices and ovarian actinomycosis] Grassini M, et al. **Minerva Ginecol** 1985 Mar;37(3):109-11 (Eng. Abstr.) **(Ita)**

[Cervico-vaginal bacterial changes in women using an IUD] Mossa B, et al. **Minerva Ginecol** 1985 May;37(5):248-51 (Eng. Abstr.) **(Ita)**

[Risk of occurrence of pelvic inflammatory disease correlated with the duration of use of an intrauterine device] Surico N, et al. **Minerva Ginecol** 1985 Mar;37(3):105-8 (Eng. Abstr.) **(Ita)**

[Cervicovaginal and endometrial cytology in women fitted with intrauterine devices] Tanferna M, et al. **Minerva Ginecol** 1984 Dec;36(12):805-14 (Eng. Abstr.) **(Ita)**

[Cervicovaginal cytology in women wearing intrauterine devices] Stella F, et al. **Quad Sclavo Diagn** 1984 Jun; 20(2):212-25 (Eng. Abstr.) **(Ita)**

[Complications and failures of using intrauterine contraceptive devices] Botiuk K. **Ginekol Pol** 1985 Jan; 56(1):5-8 (Eng. Abstr.) **(Pol)**

[Unusual location of an intrauterine contraceptive device] Wawryk R, et al. **Ginekol Pol** 1984 Jul;55(7):535-7 (Eng. Abstr.) **(Pol)**

[Actinomyces-like organisms in users of intrauterine contraception] Kožuh M, et al. **Jugosl Ginekol Opstet** 1984 Sep-Dec;24(5-6):87-91 (Eng. Abstr.) **(Scr)**

INTRAUTERINE DEVICES, COPPER

Clinical chemistry in women treated with six levonorgestrel covered rods or with a copper IUD. Diaz S, et al. **Contraception** 1985 Apr;31(4):321-30

Post-abortion insertion of MLCu 250 and MLCu 375--a comparative trial. Lim LS, et al. **Contraception** 1985 May; 31(5):471-7

Intrauterine contraception with copper and with levonorgestrel: a randomized study of the TCu 380Ag and levonorgestrel 20 mcg/day devices. Sivin I, et al. **Contraception** 1984 Nov;30(5):443-56

Intrauterine devices: results of a separate clinical and ultrasound follow-up study. Tadesse E, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):289-95

Intrauterine contraceptive device localization by clinical evaluation and real-time ultrasonography. Kivijärvi A, et al. **Eur J Radiol** 1984 Nov;4(4):279-81

An evaluation of the TCu 380Ag and the Multiload Cu375. Cole LP, et al. **Fertil Steril** 1985 Feb;43(2):214-7

Absence of chorionic gonadotropin in sera of women who use intrauterine devices. Segal SJ, et al. **Fertil Steril** 1985 Aug;44(2):214-8

Consequences of intrauterine contraception in diabetic women. Skouby SO, et al. **Fertil Steril** 1984 Oct; 42(4):568-72

Factors affecting the clinical performance of Nova T and Copper T 200. Allonen H, et al. **Obstet Gynecol** 1984 Oct; 64(4):524-9

[Larger amounts of copper correspond to greater contraceptive effectiveness. Experiments with the ML Cu 375, the IUD with the highest copper content] Van Os WA. **Rev Fr Gynecol Obstet** 1985 Jul;80(7):589-91 **(Fre)**

[Comparative study of the intrauterine devices TCu 380 Ag and the Multiload Cu 375 in Panama] Moreno Arosemena JM, et al. **Ginecol Obstet Mex** 1984 Apr;52(324):99-103 (Eng. Abstr.) **(Spa)**

[Menstrual blood loss in users of Cu 7 and TCu 220C intrauterine devices] Pedrón N, et al. **Ginecol Obstet Mex** 1983 Jan;51(309):25-8 (Eng. Abstr.) **(Spa)**

[Clinical evaluation of the progesterone T intrauterine device] Pizarro Orchard E, et al. **Rev Chil Obstet Ginecol** 1980;45(2):87-98 **(Spa)**

ADVERSE EFFECTS

Management of the missing intrauterine contraceptive device: report of a case. Gorsline JC, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):228-9

Clinically silent polymicrobial amnionitis and intrauterine fetal death associated with a Cu-7 intrauterine contraceptive device. Waites KB, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):998-9

Uterine malignancy developing after a long term use of IUCD. Additional report of a case: association of endometrial stromal sarcoma with IUCD. Yang LC, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):203-7

Placental candidiasis: report of two cases, one associated with an IUCD in situ. Honoré LH. **Contraception** 1984 Dec; 30(6):555-60

Abnormal location of a missing copper 7 intrauterine contraceptive device. Okunna EN, et al. **East Afr Med J** 1984 Aug;61(8):645-7

Comparative cytologic evaluation of device smears in women using CuT 200 devices & Lippes loop. Engineer AD, et al. **Indian J Med Res** 1984 Jun;79:766-71

Effect of Copper T intrauterine device on cervico-vaginal flora. Wahab SA, et al. **Int J Gynaecol Obstet** 1985 Apr; 23(2):153-6

A partial uterine perforation (type 2) by a copper-T IUD: sonographic diagnosis and management. Abramovici H, et al. **J Ultrasound Med** 1985 Jul;4(7):381-3

[The side-effects of coils are dependent on the duration of use] Ladehoff P, et al. **Ugeskr Laeger** 1985 May 6; 147(19):1546-7 (Eng. Abstr.) **(Dan)**

[Uterine perforation with the Nova-T] Pfeiffer P, et al. **Ugeskr Laeger** 1984 Nov 26;146(48):3756-7 (Eng. Abstr.) **(Dan)**

[Acute eczema following insertion of a copper intrauterine device (letter)] Hardel PJ, et al. **Presse Med** 1984 Sep 15; 13(31):1900-1 **(Fre)**

INTRAUTERINE DEVICES, MEDICATED

Hysteroscopic evaluation of intrauterine progesterone contraceptive system as a treatment for abnormal uterine bleeding. Scarselli G, et al. **Acta Eur Fertil** 1984 Jul-Aug; 15(4):279-82

[Clinical evaluation of the progesterone T intrauterine device] Pizarro Orchard E, et al. **Rev Chil Obstet Ginecol** 1980;45(2):87-98 **(Spa)**

INTRAUTERINE DIAGNOSIS see **PRENATAL DIAGNOSIS**

INTRAUTERINE GROWTH RETARDATION see **FETAL GROWTH RETARDATION**

INTRAUTERINE TRANSFUSION see **BLOOD TRANSFUSION, INTRAUTERINE**

INTRAVASCULAR AGGLUTINATION see **ERYTHROCYTE AGGREGATION, INTRAVASCULAR**

INTRAVENOUS FEEDING see **PARENTERAL FEEDING**

INTRAVENOUS INFUSIONS see **INFUSIONS, PARENTERAL**

INTRINSIC FACTOR

ANALYSIS

Intrinsic factor within parietal cells of patients with juvenile pernicious anemia. A retrospective immunohistochemical study. Levine JS, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1132-6

Determination of the R-protein and the R-protein-vitamin B12-complex in saliva and gastrointestinal juice by FPLC Mono S cationic chromatography. Kittang E, et al. **Scand J Clin Lab Invest** 1985 May;45(3):237-44

DEFICIENCY

[Congenital deficit of intrinsic factor. Diagnostic problems apropos of 2 cases] Giorno JL, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):277-80 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

[Basic and clinical evaluation of the measurement of intrinsic factor antibody by using IMMO PHASE IF blocking antibody radioassay kit] Sugimura H, et al. **Kaku Igaku** 1984 Dec;21(12):1631-8 **(Jpn)**

ISOLATION & PURIFICATION

Purification of human intrinsic factor using high-performance ion-exchange chromatography as the final step. Gueant JL, et al. **FEBS Lett** 1985 May 6; 184(1):14-9

METABOLISM

Intestinal uptake and release of cobalamin complexed with rat intrinsic factor. Seetharam B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G326-31

Mechanism of enterohepatic circulation of vitamin B12: movement of vitamin B12 from bile R-binder to intrinsic factor due to the action of pancreatic trypsin. Kanazawa S, et al. **Trans Assoc Am Physicians** 1983;96:336-44

SECRETION

Effect of omeprazole on the secretion of intrinsic factor, gastric acid and pepsin in man. Kittang E, et al. **Gut** 1985 Jun;26(6):594-8

INTRONS see **BASE SEQUENCE**

INTROVERSION (PSYCHOLOGY)

Cognition and psychopathology: an analysis of social introversion and self-statements. Merluzzi TV, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1102-3

INTUBATION

Malignant stenosis of the esophagus treated with dilatation or intubation. Granström L, et al. **Acta Chir Scand [Suppl]** 1984;520:33-6

Fiberoptic guide for endotracheal intubation [letter] Milstein JM. **Am J Dis Child** 1985 May;139(5):442-3

Emergency airway control: its role in total CPR. Don Michael TA. **Am J Emerg Med** 1983 Nov;1(3):351-5

Airway control with the esophageal obturator airway [letter] Don Michael TA. **Am J Emerg Med** 1984 Mar;2(2):179-80

Paramedic orotracheal intubation: a feasibility study. Guss DA, et al. **Am J Emerg Med** 1984 Sep;2(5):399-401

A method of removing displaced silicone tubing from the nasolacrimal duct system [letter] Mader TH, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):730-1

Management of esophageal dehiscences by an intraluminal bypass tube. An experimental study. Ravo B, et al. **Am J Surg** 1985 Jun;149(6):733-8

Tube gastrostomy. A routine adjunct in major abdominal operations. Kumar SS. **Am Surg** 1985 Apr;51(4):201-3

Unsuspected endobronchial intubation--detection by continuous mass spectrometry. Riley RH, et al. **Anesthesiology** 1985 Aug;63(2):203-4

Medical alert--difficult intubation [letter] Schwartz JJ, et al. **Anesthesiology** 1985 Sep;63(3):343-4

Balloon tamponade in the management of bleeding oesophageal varices [letter] Baxter JN, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):449-50

Treatment of oesophageal perforation by intubation. Quayle AR, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):101-2

Treatment of oesophageal perforation by intubation [letter] Weeden D, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):270-1

Palliative intubation in inoperable esophageal neoplasms [editorial] Watson A. **Ann Thorac Surg** 1985 Jun; 39(6):501-2

Selective bronchial intubation for pulmonary emphysema. Campbell AN, et al. **Arch Dis Child** 1984 Sep;59(9):890-2

Use of the long tube in the management of patients with small-intestinal obstruction due to adhesions. Wolfson PJ, et al. **Arch Surg** 1985 Sep;120(9):1001-6

Early extubation after coronary artery bypass: brief report. Foster GH, et al. **Crit Care Med** 1984 Nov;12(11):994-6

Pediatric endotracheal tube designed for high-frequency ventilation. Hamilton LH, et al. **Crit Care Med** 1984 Nov; 12(11):988-93

Treatment of a biliocutaneous fistula by endoscopic insertion of a nasobiliary tube. Burmeister W, et al. **Gastrointest Endosc** 1985 Aug;31(4):279-81

Malignant esophagopulmonary fistula treated by fiberoptic intubation of a prosthesis. Valbuena J. **Gastrointest Endosc** 1985 Aug;31(4):281-3

Controlled trial of vasopressin and balloon tamponade in bleeding esophageal varices. Pinto Correia J, et al. **Hepatology** 1984 Sep-Oct;4(5):885-8

Pressure-flow relationships of endotracheal tubes during high-frequency ventilation. Gavriely N, et al. **J Appl Physiol** 1985 Jul;59(1):3-11

Use of a nasopharyngeal airway as an aid to easy recovery after nasal surgery. Babington P, et al. **J Laryngol Otol** 1985 Apr;99(4):399

Giant lung abscess treated by tube thoracostomy. Mengoli L. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):186-94

Electrocardiography with a naso-oesophageal tube [letter] Higgins RM. **Lancet** 1985 Aug 24;2(8452):446

Palliation of unresectable esophageal carcinoma by intraluminal intubation. Santos GH. **NY State J Med** 1984 Sep;84(9):449-51

Silicone tubing used in intubating the lacrimal system. Joining the ends for easy removal. Rutherford S, et al. **Ophthalmology** 1984 Aug;91(8):963-5

Early rectal tube removal for improved patient tolerance during double-contrast barium enema examination. Maglinte DD, et al. **Radiology** 1985 May;155(2):525-6

Advantageous use of Salem sump nasogastric tube for intraoperative decompression of distended intestine. Gimmon Z. **Surg Gynecol Obstet** 1985 Jul;161(1):69-70

Intubated cutaneous ureterostomy: option for high-risk patients needing supravesical urinary diversion. Bracken RB, et al. **Urology** 1985 Jan;25(1):45-8

[Experience with intubation of the small intestine in advanced suppurative inflammations of the peritoneum in childhood] Hovorka F, et al. **Rozhl Chir** 1984 Nov;63(11):726-31 (Eng. Abstr.) **(Cze)**

[Prevention of caustic stenoses of the esophagus with an intraesophageal mold] Harouchi A, et al. **Chir Pediatr** 1984; 25(6):317-24 (Eng. Abstr.) **(Fre)**

[The use of a prosthetic tube with antireflux valve in esophageal obstruction] Cohen R, et al. **Harefuah** 1984 Nov 15;107(10):274-6 (Eng. Abstr.) **(Heb)**

[Selective bronchial intubation in neonatal RDS. Case report] Gallini C, et al. **Minerva Anestesiol** 1984 Dec;50(12):651-4 (Eng. Abstr.) **(Ita)**

[Nocturnal nasopharyngeal intubation in predominantly obstructive sleep apnea syndrome (letter)] Bové Ribé A, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):351 **(Spa)**

ADVERSE EFFECTS

An unusual complication of balloon tamponade in the treatment of esophageal varices: a case report and brief review of the literature. Gossat D, et al. **Am J Gastroenterol** 1985 Aug;80(8):600-1

Lacrimal drainage system inflammatory masses from retained silicone tubing. Dresner SC, et al. **Am J Ophthalmol** 1984 Nov;98(5):609-13

Radiographic clues to chest tube perforation of neonatal lung. Bowen AD, et al. **Am J Perinatol** 1985 Jan;2(1):43-5

Laryngeal injury in a dog model of prolonged endotracheal intubation. Bishop MJ, et al. **Anesthesiology** 1985 Jun; 62(6):770-3

Malposition of left-sided double-lumen endobronchial tubes. Brodsky JB, et al. **Anesthesiology** 1985 May;62(5):667-9

Airway management in potential cervical spine injury [letter] Leo JD. **Ann Emerg Med** 1984 Dec;13(12):1168-9

The esophageal obturator airway: obturator or obtundator? Gertler JP, et al. **J Trauma** 1985 May;25(5):424-6

Management of perforations of the hypopharynx and cervical esophagus. Shockley WW, et al. **Laryngoscope** 1985 Aug; 95(8):939-41

Ipsilateral Horner's syndrome as a rare complication of tube thoracostomy [letter] **N Engl J Med** 1985 Jul 11; 313(2):121-2

Iatrogenic Horner's syndrome: a complication of thoracostomy-tube replacement [letter] Kahn SA, et al. **N Engl J Med** 1985 Jan 24;312(4):245

Diplopia following Jones tube placement. Skov CM, et al. **Ophthalmic Surg** 1984 Nov;15(11):932-3

A comparison of retention and complication rates of large-bore (Paparella II) and small-bore middle ear ventilating tubes. Klingensmith MR, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):322-30

[Injuries of the esophagus caused by the Sengstaken-Blakemore tube] Galatius H, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2942-3 (Eng. Abstr.) **(Dan)**

INSTRUMENTATION

Internal rewarming in hypothermia using a specially constructed gastro-oesophageal tube. A non-invasive method. Kristensen G, et al. **Acta Anaesthesiol Belg** 1984; 35 Suppl:175-7

Esophageal perforation following use of esophageal obturator airway (EOA). Hoffman JR, et al. **Am J Emerg Med** 1983 Nov;1(3):282-7

Evaluation of a gastric tube with esophageal balloon for neonatal use. Kaplan M, et al. **Am J Perinatol** 1984 Jul; 1(4):355-9

Disposable double-lumen tubes. A cost-effectiveness survey. Linter SP. **Anaesthesia** 1985 Feb;40(2):191-2

Aspiration of a nasal airway: a case report and principles of management. Hayes JD, et al. **Anesthesiology** 1985 Apr; 62(4):534-5

Alteration of double-lumen endobronchial tube position by flexion and extension of the neck [letter] Saito S, et al. **Anesthesiology** 1985 May;62(5):696-7

A standard comparison of esophageal obturator airway and endotracheal tube ventilation in cardiac arrest. Hammargren Y, et al. **Ann Emerg Med** 1985 Oct; 14(10):953-8

Prehospital endotracheal tube airway or esophageal gastric tube airway: a critical comparison. Shea SR, et al. **Ann Emerg Med** 1985 Feb;14(2):102-12

A spiral-grooved endoesophageal tube for management of malignant esophageal obstruction. Wang PY, et al. **Ann Thorac Surg** 1985 Jun;39(6):503-7

The laryngeal mask airway--a possible new solution to airway problems in the emergency situation. Brain AI. **Arch Emerg Med** 1984 Dec;1(4):229-32

'Esophageal Gastric Tube Airway'--a potential hazard [letter] Corke CF, et al. **Br J Anaesth** 1985 Sep;57(9):930-1

Problems with rectal foreign bodies [letter] Pattison CW, et al. **Br J Surg** 1985 Aug;7(8):673

Comparison of the esophageal obturator airway and endotracheal intubation in prehospital ventilation during CPR. Michael TA. **Chest** 1985 Jun;87(6):814-9

Easier elective injection of oesophageal varices. Dickinson RJ, et al. **Endoscopy** 1984 Sep;16(5):182

Accuracy of prediction of fresh gas flow requirements during spontaneous breathing with the T-piece. Lindahl SG, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):269-74

Endoscopic sclerosis and esophageal balloon tamponade in acute hemorrhage from esophagogastric varices: a prospective controlled randomized trial. Paquet KJ, et al. **Hepatology** 1985 Jul-Aug;5(4):580-3

A Celestin bubble. An unusual cause of obstruction. Hamilton JR, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):67-8

A field evaluation of the esophageal obturator airway [letter] **J Trauma** 1985 Jan;25(1):95-7

Experience with the Celestin tube at William Beaumont Army Medical Center: a ten year review. Cavanaugh DG, et al. **Milit Med** 1985 Jun;150(6):321-2

[Palliative surgical therapy of incurable esophagus cancer by stomach bypass and endotube] Dzieniszewski GP, et al. **Zentralbl Chir** 1984;109(24):1550-9 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of palliative endoscopic intubation] Fuchs KH, et al. **Zentralbl Chir** 1984;109(16):1081-6 **(Ger)**

METHODS

Fibre-endoscopic insertion of oesophageal tube for palliation in malignant oesophagogastric obstruction. Salo JA, et al. **Acta Chir Scand** 1985;151(4):341-4

Translaryngeal guided intubation [letter] King HK. **Anesth Analg** 1985 Jun;64(6):650-1

Endolymphatic fistulization. Austin DF. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):534-9

Total internal reflection for positioning Jones tube. Dryden RM, et al. **Arch Ophthalmol** 1985 Jun;103(6):858-9

A modified glass tube for conjunctivodacryocystorhinostomy. Gladstone GJ, et al. **Arch Ophthalmol** 1985 Aug;103(8):1229-30

Tube esophagostomy. A new technique in the management of long-term swallowing disorders. Tucker HM, et al. **Arch Otolaryngol** 1985 Mar;111(3):187-9

Selective intubation in pulmonary interstitial emphysema: experience in five patients. Bowman ED, et al. **Aust Paediatr J** 1984 Nov;20(4):317-21

A special maneuver for passage of the Sengstaken-Blakemore tube [letter] Wilcox GM, et al. **Gastrointest Endosc** 1984 Dec;30(6):377

A technique for unilateral instillation of agents into the rat lung. Dubaybo BA, et al. **J Appl Physiol** 1985 Jul; 59(1):266-8

Balloon catheter dilatation of malignant esophageal stricture. Blundell GE, et al. **J Can Assoc Radiol** 1984 Jun;35(2):180-2

Percutaneous needle pharyngostomy. Bucklin DL, et al. **JPEN** 1985 Jan-Feb;9(1):68-70

Gentle, technically simple repositioning of displaced lacrimal tubing. Gonnering RS. **Ophthalmic Surg** 1985 May; 16(5):307-8

Use of a T tube as an endoprosthesis for internal biliary drainage. Simmons K. **Radiology** 1985 Jan;154(1):247

The use of the Samson modification of the Mapleson 'A' circuit during blind nasal intubation for anaesthesia. Veliotes GD, et al. **S Afr Med J** 1985 Aug 3;68(3):171-2

A new method for securing oral esophageal tamponage tubes. Reines HD, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):280-1

[Occlusion of a malignant esophagobronchial fistula with an adhesive-anchored endoprosthesis] Straumann A, et al. **Schweiz Rundsch Med Prax** 1984 Sep 4;73(36):1086-7 (Eng. Abstr.) **(Ger)**

[Intraluminal intubation of the small intestine for the therapy and prevention of adhesion ileus] Nitzsche L, et al. **Zentralbl Chir** 1984;109(10):694-8 **(Ger)**

INTUBATION, GASTROINTESTINAL

see related
ENTERAL FEEDING

How do I administer medication by NG? Birdsall C, et al. **Am J Nurs** 1984 Oct;84(10):1259-60, 1284

Conservative management of small bowel obstruction. Helmkamp BF, et al. **Am J Obstet Gynecol** 1985 Jul 15; 152(6 Pt 1):677-9

Nutritional rehabilitation in patients with advanced head and neck cancer receiving radiation therapy. Daly JM, et al. **Am J Surg** 1984 Oct;148(4):514-20

Is nasogastric suction necessary after elective colon resection? Meltvedt R Jr, et al. **Am J Surg** 1985 May; 149(5):620-2

Nasogastric intubation as sole treatment of caustic esophageal lesions. Wijburg FA, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):337-41

Is routine postoperative nasogastric decompression really necessary? Bauer JJ, et al. **Ann Surg** 1985 Feb;201(2):233-6

Fine bore enteral feeding and pulmonary aspiration [letter] Meehan S, et al. **Br Med J [Clin Res]** 1985 Jan 5; 290(6461):73

Assessment of exocrine pancreatic function by duodenal intubation. Go VL, et al. **Clin Gastroenterol** 1984 Sep; 13(3):701-15 (62 ref.)

Comparison of fasting, nasogastric suction and cimetidine in the treatment of acute pancreatitis. Navarro S, et al. **Digestion** 1984;30(4):224-30

Enteroclysis in the diagnosis of chronic unexplained gastrointestinal bleeding. Maglinte DD, et al. **Dis Colon Rectum** 1985 Jun;28(6):403-5

Temporary stenting as an aid to esophageal dilatation [letter] Barkin JS, et al. **Gastrointest Endosc** 1984 Dec;30(6):376-7

Validation of sublingual temperatures in patients with nasogastric tubes. Heinz J. **Heart Lung** 1985 Mar; 14(2):128-30

Fibre optic guided nasal intubation--shouldn't we be the experts? Gleeson MJ, et al. **J Laryngol Otol** 1985 Aug; 99(8):775-8

When does metoclopramide facilitate transpyloric intubation? Whatley K, et al. **JPEN** 1984 Nov-Dec;8(6):679-81

Protection against suture insufficiency in ante-thoracic esophagogastrostomy. Isono K, et al. **Jpn J Surg** 1985 Jan; 15(1):43-8

[Conservative treatment of ileus caused by adhesions, with a Miller-Abbott tube. A retrospective study] Corfitsen MT, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1360-2 (Eng. Abstr.) **(Dan)**

[Treatment of malignant hyperthermia by dantrolene sodium administered through a nasogastric tube] Nagase M, et al. **Masui** 1984 Sep;33(9):1021-6 (Eng. Abstr.) **(Jpn)**

[Indications for duodenal intubation in acute and chronic cholecystitis patients] Gredzhev AF, et al. **Klin Khir** 1984 Sep;(9):49-51 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Potential hazard of nasogastric tube [letter] Panosetti E, et al. **Acta Clin Belg** 1984;39(3):174-6

Entriflex feeding tube: need for care in using it. Kiwak MG, et al. **AJR** 1984 Dec;143(6):1341-2

Intestinal perforations by tube feedings in small infants: clinical and experimental studies. McAlister WH, et al. **AJR** 1985 Oct;145(4):687-91

Cricoid compression is effective in obliterating the esophageal lumen in the presence of a nasogastric tube. Salem MR, et al. **Anesthesiology** 1985 Oct;63(4):443-6

Complications associated with a narrow bore nasogastric tube. Grossman TW, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):460-3

Errant placement of nasoenteric tubes. A hazard in obtunded patients. Theodore AC, et al. **Chest** 1984 Dec;86(6):931-3

Percutaneous endoscopic gastrostomy: another cause of 'benign' pneumoperitoneum. Stassen WN, et al. **Gastrointest Endosc** 1984 Oct;30(5):296-8

Iatrogenic bronchopleural fistula caused by feeding tube insertion. Sheffner SE, et al. **J Can Assoc Radiol** 1985 Mar; 36(1):52-5

Patient comfort after upper abdominal surgery. Effect of routine nasogastric suction. Bashey AA, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):97-100

Complications during insertion of narrow-bore feeding tubes [letter] **JAMA** 1985 Jul 5;254(1):54-5

Complications of nasoenteric tubes [letter] **JAMA** 1985 Jul 5;254(1):54

Pneumothorax as a complication of placement of a nasoenteric tube. Aronchick JM, et al. **JAMA** 1984 Dec 21;252(23):3287-8

Intranasal retraction of nasogastric feeding tube: case report and suggestion for design modification. Bohnker BK, et al. **JPEN** 1985 Jan-Feb;9(1):53-4

Pneumothorax complicating enteral feeding tube placement. Olbrantz KR, et al. **JPEN** 1985 Mar-Apr;9(2):210-1

Feeding tube-induced pneumothorax. Saltzberg DM, et al. **JPEN** 1984 Nov-Dec;8(6):714-6

[Pneumoperitoneum following accidental administration of oxygen via a gastric tube] Gottrup F, et al. **Ugeskr Laeger** 1984 Jul 16;146(29):2166-7 (Eng. Abstr.) **(Dan)**

INSTRUMENTATION

A modified feeding jejunostomy tube for use with the percutaneous endoscopic technique [letter] Alberti-Flor JJ, et al. **Am J Gastroenterol** 1985 May;80(5):400

Modification of laryngoscope for nasogastric intubation [letter] Campbell NN, et al. **Anaesthesia** 1985 Jul; 40(7):703-4

Blind nasotracheal intubation [letter] Murray M, et al. **Ann Emerg Med** 1985 Jan;14(1):88-9

Small bowel biopsy (per oral). Shamsi Z, et al. **JPMA** 1984 Oct;34(10):314-7

A new tube for simultaneous gastric decompression and jejunal alimentation. Nelson R, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):369-72

Operative treatment of cecal volvulus combining cecopexy with intestinal tube decompression. Ryan JA Jr, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):84-6

[Tube for intracavitary thermometry and decompression of the duodenum] Kolesnikov EB, et al. **Klin Khir** 1985 Feb; (2):61 **(Rus)**

[2-channel gastric probe] Kanishchev PA, et al. **Vrach Delo** 1984 Oct;(10):30-2 (Eng. Abstr.) **(Rus)**

METHODS

Percutaneous endoscopic gastrostomy: a preferred method of feeding tube gastrostomy. Thatcher BS, et al. **Am J Gastroenterol** 1984 Oct;79(10):748-50

Prophylactic postoperative nasogastric decompression. A prospective study of its requirement and the influence of cimetidine in 200 patients. Cheadle WG, et al. **Ann Surg** 1985 Sep;202(3):361-6

Forward displacement of the larynx for nasogastric tube insertion in intubated patients. Perel A, et al. **Crit Care Med** 1985 Mar;13(3):204-5

Percutaneous endoscopic gastrostomy and jejunostomy: endoscopic highlights. Ponsky JL. **Gastrointest Endosc** 1984 Oct;30(5):306-7

Sengstaken Blakemore balloon tamponade for esophageal variceal bleed. Kamath PS, et al. **Indian J Gastroenterol** 1984 Oct;3(4):233-4

Gastric analysis. Shamsi Z, et al. **JPMA** 1984 Sep;34(9):282-5

Rapid long tube intubation of the jejunum--an improved technique. Kawamura R, et al. **Jpn J Surg** 1984 Jul; 14(4):299-304

Difficult nasogastric intubations. Kirkpatrick DA. **Laryngoscope** 1984 Oct;94(10):1382-3

Method for anchoring nasogastric feeding tubes. Rajaratnam R. **Laryngoscope** 1985 Feb;95(2):219-20

Intubation infusion method: reliability in diagnosis of mechanical partial small-bowel obstruction. Maglinte DD, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):372-7

Jejunal intubation via gastrostomy catheters in pediatric patients. Strife JL, et al. **Radiology** 1985 Jan;154(1):249

Endoscopic guided intubation of long nasointestinal decompression tube. Kim IG. **Surg Gynecol Obstet** 1985 Sep;161(3):282-4

Endoscopic jejunal feeding tube through decompressing gastrostomy. Van Stiegmann G, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):173-5

[The Miller-Abbott tube introduced endoscopically. Description of a method] Corfitsen MT. **Ugeskr Laeger** 1985 May 20;147(21):1693-4 (Eng. Abstr.) **(Dan)**

[Intentional temporary duodenostomy in gastroduodenal surgery. Apropos of 16 cases] Olivier A, et al. **Ann Chir** 1985 Jun;39(5):309-13 (Eng. Abstr.) **(Fre)**

[Introduction of an enteral feeding tube during the postoperative period under endoscopic control] Efimov ON, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):97-8 **(Rus)**

[Tubular cecostomy and intubation of the ileum] Nartsissov TV. **Klin Khir** 1985 Feb;(2):53 **(Rus)**

[Endoscopic placement of sondes for enteral feeding] Gallo Reynoso S, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec; 49(4):247-50 (Eng. Abstr.) **(Spa)**

MORTALITY

[Esophageal rupture as a complication of the use of a Sengstaken-Blakemore tube] Stark P, et al. **Radiologe** 1985 Feb;25(2):76-7 (Eng. Abstr.) **(Ger)**

NURSING

[Nursing for newborns with nasogastric tube] Yang PP.

Chung Hua Hu Li Tsa Chih 1984 Aug;19(4):221-2 **(Chi)**

VETERINARY

Intragastric cannulation as a method of ethanol administration for neuroendocrine studies. Dees WL, et al. **Alcohol** 1984 May-Jun;1(3):177-80

Intestinal decompression: preliminary study in the horse. Beroza GA, et al. **J Am Vet Med Assoc** 1985 Jun 15; 186(12):1304-9

[Comparative studies of rumen fluid samples obtained by using the Schambye-Sorensen sonde or by puncture of the caudoventral rumen sac] Hollberg W. **DTW** 1984 Sep 7; 91(9):317-20 (Eng. Abstr.) **(Ger)**

INTUBATION, INTRATRACHEAL

Cardiovascular response to endotracheal intubation during four anesthetic techniques. Bedford RF, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):563-6

Catecholamine response to chest physiotherapy and endotracheal suctioning in preterm infants. Greisen G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):525-9

Palatal groove formation and oral endotracheal intubation [letter] Carrillo PJ. **Am J Dis Child** 1985 Sep;139(9):859-60

Fiberoptic guide for endotracheal intubation [letter] Milstein JM. **Am J Dis Child** 1985 May;139(5):442-3

Paramedic orotracheal intubation: a feasibility study. Guss DA, et al. **Am J Emerg Med** 1984 Sep;2(5):399-401

Airway interventions in the field [editorial] Paris PM. **Am J Emerg Med** 1984 Sep;2(5):459-61

Fatal meconium aspiration syndrome occurring despite airway management considered appropriate. Davis RO, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):731-6

Airway management in Hallermann-Streiff syndrome. Sataloff RT, et al. **Am J Otolaryngol** 1984 Jan-Feb; 5(1):64-7

Tissue expanders complicating intubation [letter] Ferguson DJ. **Anaesthesia** 1985 Aug;40(8):822

Difficult tracheal intubation in obstetrics [letter] Levack ID, et al. **Anaesthesia** 1985 Apr;40(4):384

Failed intubation. Six years' experience in a teaching maternity unit. Lyons G. **Anaesthesia** 1985 Aug; 40(8):759-62

Atracurium in clinical anaesthesia: effect of dosage on onset, duration and conditions for tracheal intubation. Mirakhur RK, et al. **Anaesthesia** 1985 Aug;40(8):801-5

If in doubt, take it out. Obstruction of tracheal tube by prominent aortic knuckle. Sapsford DJ, et al. **Anaesthesia** 1985 Jun;40(6):552-4

Comparison of intubating conditions with atracurium, vecuronium and pancuronium. Schiller DJ, et al. **Anaesthesia** 1984 Dec;39(12):1188-91

Atracurium for intubation in man. A clinical and electromyographic study. Stirt JA, et al. **Anaesthesia** 1984 Dec;39(12):1214-21

A suitable substitute for 4% cocaine before blind nasotracheal intubation: 3% lidocaine-0.25% phenylephrine nasal spray. Gross JB, et al. **Anesth Analg** 1984 Oct;63(10):915-8

Movement of the distal end of the endotracheal tube during flexion and extension of the neck [letter] Toung TJ, et al. **Anesth Analg** 1985 Oct;64(10):1030-2

Extirpation of endotracheal tube secretions with a Fogarty arterial embolectomy catheter [letter] Leiman BC, et al. **Anesthesiology** 1985 Jun;62(6):847

Cherubism with difficult laryngoscopy and tracheal intubation. Maydew RP, et al. **Anesthesiology** 1985 Jun; 62(6):810-2

Facilitation of rapid endotracheal intubations with divided doses of nondepolarizing neuromuscular blocking drugs. Mehta MP, et al. **Anesthesiology** 1985 Apr;62(4):392-5

Rapid tracheal intubation with vecuronium: the priming principle. Schwarz S, et al. **Anesthesiology** 1985 Apr; 62(4):388-91

Comparison of deep and shallow endotracheal administration of dionosil in dogs and effect of manual hyperventilation. Greenberg MI, et al. **Ann Emerg Med** 1985 Mar; 14(3):209-12

A standard comparison of esophageal obturator airway and endotracheal tube ventilation in cardiac arrest. Hammargren Y, et al. **Ann Emerg Med** 1985 Oct; 14(10):953-8

Signs of endotracheal intubation in a field setting [letter] Stewart RD, et al. **Ann Emerg Med** 1985 Mar;14(3):276-7

Effect of varied training techniques on field endotracheal intubation success rates. Stewart RD, et al. **Ann Emerg Med** 1984 Nov;13(11):1032-6

Circulatory responses to thiopentone and tracheal intubation in patients with coronary artery disease. Effects of pretreatment with labetalol. Fischler M, et al. **Br J Anaesth** 1985 May;57(5):493-6

Early extubation of the trachea after open heart surgery for congenital heart disease. A review of 3 years' experience. Schuller JL, et al. **Br J Anaesth** 1984 Oct;56(10):1101-8

Prevention of intracranial hypertension during laryngoscopy and endotracheal intubation. Use of a second dose of thiopentone. Unni VK, et al. **Br J Anaesth** 1984 Nov; 56(11):1219-23

Ankylosis of the temporo-mandibular joint after temporal craniotomy: a cause of difficult intubation. Coonan TJ, et al. **Can Anaesth Soc J** 1985 Mar;32(2):158-60

Factors affecting leak around tracheal tubes in children. Finholt DA, et al. **Can Anaesth Soc J** 1985 Jul;32(4):326-9

A comparison of pretreatment regimens for minimizing the haemodynamic response to blind nasotracheal intubation. Hartigan ML, et al. **Can Anaesth Soc J** 1984 Sep; 31(5):497-502

Lidocaine attenuates the intraocular pressure response to rapid intubation in children. Lerman J, et al. **Can Anaesth Soc J** 1985 Jul;32(4):339-45

A clinical sign to predict difficult tracheal intubation: a prospective study. Mallampati SR, et al. **Can Anaesth Soc J** 1985 Jul;32(4):429-34

Comparison of the esophageal obturator airway and endotracheal intubation in prehospital ventilation during CPR. Michael TA. **Chest** 1985 Jun;87(6):814-9

Accidental extubations in pediatric patients [letter] Baum VC, et al. **Crit Care Med** 1985 Oct;13(10):873

Airway humidification with high-frequency jet ventilation. Carlon GC, et al. **Crit Care Med** 1985 Feb;13(2):114-7

Cricothyroid puncture of an undeflatable endotracheal tube cuff [letter] Guntupalli KK, et al. **Crit Care Med** 1984 Oct; 12(10):924

Early extubation after surgical repair of congenital heart disease. Heard GG, et al. **Crit Care Med** 1985 Oct; 13(10):830-2

Aerosol delivery in intubated, mechanically ventilated patients. MacIntyre NR, et al. **Crit Care Med** 1985 Feb; 13(2):81-4

Predictability and consequences of spontaneous extubation in a pediatric ICU. Scott PH, et al. **Crit Care Med** 1985 Apr;13(4):228-32

A review and critique of the literature on preoxygenation for endotracheal suctioning. Riegel B, et al. **Heart Lung** 1985 Sep;14(5):507-18

Pulmonary aspiration in tube-fed patients with artificial airways. Treloar DM, et al. **Heart Lung** 1984 Nov; 13(6):667-71

Nasotracheal intubation versus tracheostomy for intermittent positive pressure ventilation in neonatal tetanus. Pather M, et al. **Intensive Care Med** 1985;11(1):30-2

Tracheoesophageal fistula (TOF)-blind pouch intubation: a case report. Arshad R. **Med J Malaysia** 1984 Jun; 39(2):159-62

A prospective study of endotracheal tube cytology in head and neck cancer patients. Denneny JC 3d, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):75-8

The patient requiring mechanical ventilatory support: use of the cuffed tracheostomy 'talk' tube to establish phonation. Kluin KJ, et al. **Otolaryngol Head Neck Surg** 1984 Dec; 92(6):625-7

The use of endotracheal medication in cardiac emergencies. Greenberg MI. **Resuscitation** 1984 Nov;12(3):155-65

Effect of intramuscular atropine and glycopyrrolate on the cardiovascular response to tracheal intubation. Shipton EA, et al. **S Afr Med J** 1984 Oct 6;66(14):528-30

Anaesthetic management of a difficult intubation. Strauss EJ, et al. **S Afr Med J** 1985 Sep 14;68(6):414-5

[Clinical application of prolonged nasotracheal intubation for the management of acute respiratory failure] Zhou X. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):80-1 (Eng. Abstr.) **(Chi)**

[Long-term treatment of chronic respiratory insufficiency using endotracheal ventilation at home in 118 tracheotomy patients] Bertrand A, et al. **Rev Mal Respir** 1985;2(2):91-5 (Eng. Abstr.) **(Fre)**

[Comparative study of atracurium and alcuronium for the intubation of older patients in halothane anesthesia] Plötz J, et al. **Anaesthesist** 1984 Nov;33(11):548-51 (Eng. Abstr.) **(Ger)**

[Evaluation of isolated forearm technique for detection of wakefulness during endotracheal intubation procedures] Watanabe A, et al. **Masui** 1984 Aug;33(8):870-4 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Hazard of non reinforced pre-formed tracheal tubes. Helmers H. **Acta Anaesthesiol Belg** 1984 Jun;35(2):189-92

Intubation-related tracheal stenosis in very-low-birth-weight infants. Diagnosis and treatment. Caldwell CC, et al. **Am J Dis Child** 1985 Jun;139(6):618-20

Left mainstem bronchus intubation. Saunders CE, et al. **Am J Emerg Med** 1984 Sep;2(5):406-7

Pneumothorax due to endotracheal tube suction. Alpan G, et al. **Am J Perinatol** 1984 Jul;1(4):345-8

Tracheal rupture [letter] **Anaesthesia** 1985 Feb;40(2):211-2

Oesophageal misplacement of a tracheal tube [letter] Howells TH. **Anaesthesia** 1985 Apr;40(4):387

A hazard of pre-oxygenation [letter] Howells TH. **Anaesthesia** 1985 Jan;40(1):86

Obstruction of an endotracheal tube by the plastic coating sheared from a stylet. Cook WP, et al. **Anesthesiology** 1985 Jun;62(6):803-4

The use of nitroglycerin in preventing the hypertensive response to tracheal intubation in severe preeclampsia. Hood DD, et al. **Anesthesiology** 1985 Sep;63(3):329-32

Decreasing the incidence of upper airway bleeding when using a large-size nasotracheal tube [letter] Quintin L, et al. **Anesthesiology** 1985 Mar;62(3):374

Acute obstruction of the left mainstem bronchus following an attempted nasotracheal intubation: an unusual case report. Seifert RD, et al. **Anesthesiology** 1985 Jun; 62(6):799-800

Intranasal trauma caused by a sharp-edged laser-resistant (silicone) endotracheal tube [letter] Vitkun SA, et al. **Anesthesiology** 1985 Jun;62(6):834-5

Postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair. Pechter EA, et al. **Ann Plast Surg** 1985 Jan;14(1):81-4

Upper airway sequelae in burn patients requiring endotracheal intubation or tracheostomy. Lund T, et al. **Ann Surg** 1985 Mar;201(3):374-82

Injury to terminal branches of the trigeminal nerve following tracheal intubation. Faithfull NS. **Br J Anaesth** 1985 May; 57(5):535-7

Sore throat after intubation of the trachea. Shah MV, et al. **Br J Anaesth** 1984 Dec;56(12):1337-41

Tube-in-tube: a cause of acute airway obstruction [letter] Singhal M, et al. **Br J Anaesth** 1984 Nov;56(11):1317

Disruption of an armoured endotracheal tube caused by biting [letter] McLean R, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):313-4

Effects of intubation on coronary blood flow and myocardial oxygenation. Moffitt EA, et al. **Can Anaesth Soc J** 1985 Mar;32(2):105-11

Fiberoptic bronchoscopy via endotracheal tube [letter] Chung C. **Chest** 1985 Feb;87(2):276

Lights out! A preventable complication of endotracheal intubation [letter] Johnson JD, et al. **Chest** 1985 May; 87(5):701-2

Serious hazards of tracheal intubation [letter] Smith BE. **Chest** 1984 Nov;86(5):802-3

Pneumoperitoneum: an unusual manifestation of improper oral intubation [letter] Ballester EE, et al. **Crit Care Med** 1985 Feb;13(2):138-9

The effects of oxygen and hyperinflation on arterial oxygen tension after endotracheal suctioning. Goodnough SK. **Heart Lung** 1985 Jan;14(1):11-7

Tissue reactions to indigenous endotracheal tube in rabbits. Saxena A, et al. **Indian J Med Res** 1984 May;79:673-8

Traumatic perforation of the pyriform sinus: CT demonstration. Ward MP, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):982-4

A rare accident during extubation. Sajjan R, et al. **J Indian Med Assoc** 1985 Jan;83(1):23

Outcome from 'rescue clipping' of ruptured intracranial aneurysms during induction anaesthesia and endotracheal intubation. Tsementzis SA, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):160-3

Endotracheal tube obstruction due to impaction of the inferior turbinate. Ripley JF, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):687-8

The histopathology of the larynx in the neonate following endotracheal intubation. Gould SJ, et al. **J Pathol** 1985 Aug;146(4):301-11

Bronchial laceration in a newborn with persistent posterior pneumomediastinum. Purohit DM, et al. **J Pediatr Surg** 1985 Feb;20(1):82-5

Tracheo-carotid artery erosion following endotracheal intubation. LoCicero J 3d. **J Trauma** 1984 Oct;24(10):907-9

Pneumoscrotum following tracheal intubation. Redman JF, et al. **J Urol** 1985 Jun;133(6):1056-7

Sinusitis in intensive care unit patients. Kronberg FG, et al. **Laryngoscope** 1985 Aug;95(8):936-8

A study of post-intubation laryngeal dysfunction. Whited RE. **Laryngoscope** 1985 Jun;95(6):727-9

Paranasal sinusitis: a common complication of nasotracheal intubation in neurosurgical patients. Deutschman CS, et al. **Neurosurgery** 1985 Aug;17(2):296-9

Aspiration in intubated premature infants. Goodwin SR, et al. **Pediatrics** 1985 Jan;75(1):85-8

[Tracheal stenoses and tracheoesophageal fistulae from the viewpoint of resuscitative care] Drábková J, et al. **Rozhl Chir** 1985 Jan;64(1):14-20 (Eng. Abstr.) **(Cze)**

[Laryngeal paralysis after tracheal intubation for anesthesia] Renault J, et al. **Ann Fr Anesth Reanim** 1985;4(1):75-6 (Eng. Abstr.) **(Fre)**

[Alleviation by fentanyl of the cardiocirculatory effects related to intubation] Cantele F, et al. **Cah Anesthesiol** 1982 Nov;30(7):885-91 **(Fre)**

[Endotracheal hemorrhage caused by fissuration of the innominate artery during prolonged intubation. Surgical treatment] Couraud L, et al. **Presse Med** 1984 Nov 24; 13(42):2577-9 (Eng. Abstr.) **(Fre)**

[Acute right bronchial blockade following intubation with a left-swing Robertshaw tube] Homann B. **Anaesthesist** 1985 Feb;34(2):91-2 (Eng. Abstr.) **(Ger)**

[Uncommon injuries of the larynx following intubation. Recurrent paralysis, torsion and luxation of the cricoarytenoid joints] Rudert H. **HNO** 1984 Sep; 32(9):393-8 (Eng. Abstr.) **(Ger)**

[Risk of long-term intubation in pseudocroup] Schultz-Coulon HJ. **HNO** 1985 May;33(5):204-7 (Eng. Abstr.) **(Ger)**

[Injury to the larynx and trachea following artificial respiration] Wey W. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):194-6 (Eng. Abstr.) **(Ger)**

[Complications in pulmonary surgery using a Robertshaw double-lumen endobronchial tube] Yasukawa M, et al. **Masui** 1984 Jul;33(7):761-6 (Eng. Abstr.) **(Jpn)**

[Microcirculation and tracheal injury] Miodoński A, et al. **Otolaryngol Pol** 1984;38(4):277-89 (Eng. Abstr.) **(Pol)**

[Rupture of an intracranial aneurysm induced by postintubation arterial hypertension] Zlotnik EI, et al. **Zh Vopr Neirokhir** 1984 Jul-Aug;(4):58-60 **(Rus)**

[Histological changes in the tracheal wall due to tubes] Cvetnić V, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):709-15

(Eng. Abstr.) **(Sec)**

EDUCATION

Difficult tracheal intubation in obstetrics. Cormack RS, et al. **Anaesthesia** 1984 Nov;39(11):1105-11

INSTRUMENTATION

Comparative ventilatory efficiency of EOA and ET tube [letter] Don Michael TA. **Am J Emerg Med** 1985 May;3(3):261-3

A method for intraoperative identification of the recurrent laryngeal nerve. Woltering EA, et al. **Am J Surg** 1984 Oct;148(4):438-40

The effect of a gas leak around the endotracheal tube on the mean tracheal pressure during mechanical ventilation. Pérez Fontán JJ, et al. **Am Rev Respir Dis** 1985 Aug;132(2):339-42

Failure of endotracheal tube cuff deflation [letter] Mehta S. **Anaesth Intensive Care** 1985 Feb;13(1):103

Modified mask for failed intubation at emergency caesarean section [letter] Sivaneswaran N, et al. **Anaesth Intensive Care** 1984 Aug;12(3):279-80

Hydrophobic versus hygroscopic heat and moisture exchangers [letter] Bethune DW. **Anaesthesia** 1985 Feb;40(2):210-1

Three cases of difficult intubation overcome by the laryngeal mask airway. Brain AI. **Anaesthesia** 1985 Apr;40(4):353-5

The laryngeal mask airway. Development and preliminary trials of a new type of airway. Brain AI, et al. **Anaesthesia** 1985 Apr;40(4):356-61

A Venturi connector for tracheal tubes. Conacher ID. **Anaesthesia** 1985 Jun;40(6):566-8

Difficulty in extubation [letter] Grover VK. **Anaesthesia** 1985 Feb;40(2):198-9

Unusual instrument for intubating the trachea of a small child [letter] James RH, et al. **Anaesthesia** 1984 Oct;39(10):1037-8

Tracheal tube cuff pressures. The effects of different gas mixtures. Raeder JC, et al. **Anaesthesia** 1985 May;40(5):444-7

Systemic absorption of lignocaine ointment from tracheal tubes. Sellers WF, et al. **Anaesthesia** 1985 May;40(5):483-5

Transillumination of the trachea with Flexilum [letter] Hammer M, et al. **Anesth Analg** 1985 Jan;64(1):91-2

Tracheal intubation--blind but not mute [letter] Jantzen JP. **Anesth Analg** 1985 Jun;64(6):651-2

Precautions in use of a new endotracheal tube for laser surgery [letter] Rubiano R, et al. **Anesth Analg** 1985 Oct;64(10):1037-8

A new partial spiral tube for nasotracheal intubation [letter] Hatano Y, et al. **Anesthesiology** 1985 Feb;62(2):209

New endotracheal tube (Univent tube) for selective blockade of one lung [letter] Kamaya H, et al. **Anesthesiology** 1985 Sep;63(3):342-3

An unusual difficulty in fiberoptic intubation [letter] Moorthy SS, et al. **Anesthesiology** 1985 Aug;63(2):229

Failure to withdraw flexible fiberoptic laryngoscope after nasotracheal intubation [letter] Ovassapian A. **Anesthesiology** 1985 Jul;63(1):124-5

Helium retards endotracheal tube fires from carbon dioxide lasers. Pashayan AG, et al. **Anesthesiology** 1985 Mar;62(3):274-7

Fixation of reinforced silicone tracheal tubes [letter] Steward DJ. **Anesthesiology** 1985 Sep;63(3):334

A complication of lightwand-guided nasotracheal intubation. Stone DJ, et al. **Anesthesiology** 1984 Dec;61(6):780-1

Lightwand-guided nasotracheal intubation is an effective technique [letter] Weis FR Jr, et al. **Anesthesiology** 1985 Jun;62(6):839-40

Administering endotracheal medication [letter] Stewart RD, et al. **Ann Emerg Med** 1985 Jul;14(7):711

Use of a lighted stylet for guided orotracheal intubation in the prehospital setting. Vollmer TP, et al. **Ann Emerg Med** 1985 Apr;14(4):324-8

Safe lateral wall cuff pressure to prevent aspiration. Mehta S. **Ann R Coll Surg Engl** 1984 Nov;66(6):426-7

Viruses and endotracheal tubes [letter] Cozanitis DA, et al. **Br J Anaesth** 1984 Nov;56(11):1317-8

Laboratory evaluation of low-pressure tracheal tube cuffs: large-volume v. low-volume. Kim JM, et al. **Br J Anaesth** 1985 Sep;57(9):913-8

Intracuff pressures in endotracheal and tracheostomy tubes. Related cuff physical characteristics. Bernhard WN, et al. **Chest** 1985 Jun;87(6):720-5

A disadvantage of Velcro as an endotracheal tube anchor [letter] Heffner JE, et al. **Chest** 1985 May;87(5):704

Tracheal airway obstruction: a custom made tracheostomy tube. Brightwell AP, et al. **Clin Otolaryngol** 1985 Feb;10(1):47-50

Tracheal intubation kit for resuscitation. Conacher ID. **Lancet** 1985 Jun 22;1(8443):1424

Prototype airway management system for use during laser surgery. Silver CE, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1511-2

Flow resistance of endotracheal tubes during kinking and compression. An experimental study. Nilsson K, et al. **Med Prog Technol** 1985;10(4):249-54

Hazard to endotracheal tubes by CO2 laser beam. Experimental report. Ohashi N, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):22-5

Injuries to the bronchi and lungs caused by laser-ignited endotracheal tube fires. Duncavage JA, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):639-43

Safe instrumentation in laser surgery. Ossoff RH, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):644-8

Early experience with illuminated endotracheal tubes in premature and term infants. Heller RM, et al. **Pediatrics** 1985 Apr;75(4):664-6

[The resistances in 3,0 and 3,5 mm tracheal tubes. Comparison of 4 commonly used types] Blom H, et al. **Ugeskr Laeger** 1984 Oct 29;146(44):3366-8 (Eng. Abstr.) **(Dan)**

[Endotracheal tube for laryngeal CO2 laser microsurgery. 208 cases] Brille P, et al. **Presse Med** 1985 Jul 6;14(27):1470-2 (Eng. Abstr.) **(Fre)**

[Indwelling transtracheal sound for oxygen administration in the patient with hypoxic chronic respiratory insufficiency] Bugnas B, et al. **Presse Med** 1984 Oct 13;13(36):2207-8 (Eng. Abstr.) **(Fre)**

[Effect of various tracheal diameter forms on airway pressure in experimental intratracheal injector ventilation] Baer GA. **Anaesthesist** 1985 Mar;34(3):124-8 (Eng. Abstr.) **(Ger)**

[Endotest--a simple method for the monitoring of internal pressure of the tube cuff] Fösel T, et al. **Anaesthesist** 1985 Jul;34(7):373-4 (Eng. Abstr.) **(Ger)**

[Cuff protection for nasotracheal intubation] Hansen J, et al. **Anaesthesist** 1984 Aug;33(8):384-6 (Eng. Abstr.) **(Ger)**

[Short-term transtracheal jet for reversible support of respiration in the rat] Hendrickx HH, et al. **Anaesthesist** 1984 Jul;33(7):316-9 (Eng. Abstr.) **(Ger)**

[The modified Kleinsasser tube: the ideal in difficult intubation] Homann B, et al. **Anaesthesist** 1985 Feb;34(2):98-100 (Eng. Abstr.) **(Ger)**

[Prevention of complications of the transnasal placement of artificial respiration tubes and catheters] Deitmer T, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):310-1 (Eng. Abstr.) **(Ger)**

[Experimental studies of the danger of ignition of tubes during endolaryngeal microsurgery with the laser] Fischer PL, et al. **HNO** 1985 Mar;33(3):134-7 (Eng. Abstr.) **(Ger)**

[Current significance of tube endoscopies of the respiratory and digestive tracts] Brandt RH. **Z Arztl Fortbild (Jena)** 1984;78(14):597-8 **(Ger)**

[Combined endotracheal tube and catheter for pediatric bronchography] Vatashsky E, et al. **Harefuah** 1984 Nov 15;107(10):277-8 (Eng. Abstr.) **(Heb)**

[Anesthetic management of a patient with multiple tumors of the larynx and bronchus] Taniguchi K, et al. **Masui** 1984 Oct;33(10):1150-2 (Eng. Abstr.) **(Jpn)**

[Internal blistering of armored latex endotracheal tubes] Rouco Martinez I, et al. **Rev Esp Anestesiol Reanim** 1984 Sep-Oct;31(5):208-10 (Eng. Abstr.) **(Spa)**

METHODS

Difficult intubations: aids and alternatives. Iserson KV, et al. **Am Fam Physician** 1985 Mar;31(3):99-112

Fibre-optic assessment of tracheal tube position. A comparison of tracheal tube position as estimated by fibre-optic bronchoscopy and by chest X-ray. O'Brien D, et al. **Anaesthesia** 1985 Jan;40(1):73-6

Difficult tracheal intubation [letter] Wright IH, et al. **Anaesthesia** 1985 Feb;40(2):206

Carbon dioxide detection to verify intratracheal placement of a breathing tube [letter] Bashein G, et al. **Anesthesiology** 1984 Dec;61(6):782-3

The use of stylet in blind nasotracheal intubation. Berry FA. **Anesthesiology** 1984 Oct;61(4):469-71

Two-stage fiberoptic nasotracheal intubation in infants: a new approach to difficult pediatric intubation. Berthelsen P, et al. **Anesthesiology** 1985 Oct;63(4):457-8

Use of petroleum jelly [letter] Gold MI. **Anesthesiology** 1985 Sep;63(3):339-40

Can traditional intubation be modified? [letter] Gurmarnik S. **Anesthesiology** 1985 Oct;63(4):464

Tracheal intubation in an infant with Treacher-Collins syndrome--pulling out the tongue by a forceps [letter] Miyabe M, et al. **Anesthesiology** 1985 Feb;62(2):213-4

Elective tracheal intubation in the prone position for a neonate with Pierre Robin syndrome [letter] Populaire C, et al. **Anesthesiology** 1985 Feb;62(2):214-5

Tactile orotracheal intubation [letter] **Ann Emerg Med** 1985 Apr;14(4):376-7

Difficult nasotracheal intubation: a previously unreported anatomical cause. Gallagher JV 3d, et al. **Ann Emerg Med** 1985 Mar;14(3):258-60

Nasotracheal intubation: myth vs reality [letter] Iserson KV. **Ann Emerg Med** 1985 Apr;14(4):379

Endotracheal tube movement in the preterm neonate: oral versus nasal intubation. Donn SM, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):18-20

Difficult intubation [letter] Cossham PS. **Br J Anaesth** 1985 Feb;57(2):239

Airway and ventilator management. Chadwick O. **Emerg Med Clin North Am** 1983 Aug;1(2):241-60 (87 ref.)

Digital intubation. Hardwick WC, et al. **J Emerg Med** 1984;1(4):317-20

Intubation of the trachea in the critical care setting. Natanson C, et al. **JAMA** 1985 Feb 22;253(8):1160-5

Emergency management of tracheal rupture. Miguel RV, et al. **South Med J** 1985 Sep;78(9):1132-5

Facilitated endotracheal and tracheostomy tube replacement. Gilsdorf JR. **Surg Gynecol Obstet** 1984 Dec;159(6):589-90

A method for replacement of the endotracheal tube with continuous control of the airway. Halebian P, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):285-6

[Emergency use of intratracheal intubation under fiber bronchoscopy] Zhou X. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):302 **(Chi)**

[Use of fiber optics in difficult intubations in young children] Andrieu-Guitrancourt J, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):481-4 (Eng. Abstr.) **(Fre)**

[Cardiocirculatory responses to tracheal intubation in the heart patient] Cantele P, et al. **Cah Anesthesiol** 1985 Mar;33(2):131-4 (Eng. Abstr.) **(Fre)**

[Intubation, tracheal puncture and coniotomy at the emergency site] Hoffmann D. **Z Arztl Fortbild (Jena)** 1984;78(15):643-4 **(Ger)**

[Evaluation of the contribution of the flexible fiberscope in intratracheal intubation in maxillo-facial surgery. Indications and technic] Ferrari Parabita G, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):1007-13 (Eng. Abstr.) **(Ita)**

[Tracheostomy is not essential for surgical correction of maxillofacial deformity] Murakami K, et al. **Masui** 1984 Jul;33(7):781-6 (Eng. Abstr.) **(Jpn)**

[Tracheal tube stent without tracheotomy in tracheal stenosis] Amemiya R, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):649-52 (Eng. Abstr.) **(Jpn)**

[Controlled transoral intubation] Profant M, et al. **Cesk Otolaryngol** 1984 Nov;33(6):340-2 **(Slo)**

[Problems in intubation and tracheotomy in children] Klačanský I. **Cesk Pediatr** 1984 Oct;39(10):561-3 (Eng. Abstr.) **(Slo)**

[Less traumatic, facilitated nasotracheal and orotracheal intubation (letter)] Pino Capote JA. **Rev Esp Anestesiol Reanim** 1984 Sep-Oct;31(5):212-3 **(Spa)**

MORTALITY

Mortality and airway obstruction [letter] Poulton TJ. **Am J Dis Child** 1984 Dec;138(12):1156-8

VETERINARY

Complications associated with the use of the cuffless endotracheal tube in the horse. Trim CM. **J Am Vet Med Assoc** 1984 Sep 1;185(5):541-2

Vocal cord paralysis following endotracheal intubation in a bitch. Dass LL, et al. **Vet Rec** 1985 Feb 23;116(8):218

Endotracheal intubation in cats. Mason BJ. **Vet Rec** 1984 Dec 1;115(22):577

INTUSSUSCEPTION

COMPLICATIONS

Irreducibility of prolapsed colostomy due to ileocaecal intussusception. Keane RM, et al. **Ir Med J** 1985 Mar;78(3):80-1

Endometriosis associated with appendiceal intussusception. A report of two cases. Mann WJ, et al. **J Reprod Med** 1984 Aug;29(8):625-9

[Giant pseudomucinous cyst of the appendix with partial invagination in the cecum] Swiatczak C, et al. **Wiad Lek** 1984 Jul 1;37(13):1032-4 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Malrotation in children with symptoms of gastrointestinal allergy and psychosomatic abdominal pain. Kullendorff CM, et al. **Acta Paediatr Scand** 1985 Mar;74(2):296-9

Acute intussusception [letter] Taylor R. **Aust Paediatr J** 1985 Feb;21(1):68

Elevated serum amylase in association with jejunogastric intussusception. Ready AR, et al. **Br J Surg** 1984 Nov;71(11):844

Gastric mucosal prolapse or gastroesophageal intussusception [letter] Buhac I. **Dig Dis Sci** 1985 Feb;30(2):190

Intestinal obstruction due to Ascaris lumbricoides mimicking intussusception. Katz Y, et al. **Dis Colon Rectum** 1985 Apr;28(4):267-9

The 'hay-fork' sign in the ultrasonographic diagnosis of intussusception. Alessi V, et al. **Gastrointest Radiol** 1985;10(2):177-9

Ultrasonographic appearance of adult intussusception. Noiklang P, et al. **J Med Assoc Thai** 1985 May;68(5):269-72

Jejunogastric intussusception. Spann JL. **J Okla State Med Assoc** 1984 Aug;77(8):291-4

Intussusception of invaginated Meckel's diverticulum. Williamson RC, et al. **J R Soc Med** 1984 Aug;77(8):652-5

Ultrasound in diagnosis of intussusception [letter] Pracros JP, et al. **Lancet** 1985 Sep 28;2(8457):733-4

Hemolytic-uremic syndrome: initial presentation mimicking intestinal intussusception. Sun CC, et al. **Pediatr Pathol** 1983 Oct-Dec;1(4):415-22

Intussusception in black children. Postma MH, et al. **S Afr Med J** 1985 Sep 14;68(6):405-6

Appendiceal intussusception. Fullerton TE, et al. **SD J Med** 1985 Mar;38(3):29-31

[Dynamic ultrasonography in the diagnosis of intussusception in children] Brun B. **Ugeskr Laeger** 1984 Oct 8;146(41):3131-2 (Eng. Abstr.) **(Dan)**

[Idiopathic colorectal intussusception in adults (letter)]

Clerget-Gurnaud JM, et al. **J Chir (Paris)** 1984 Dec; 121(12):773-4 **(Fre)**

[A case of intestinal invagination in Burkitt's lymphoma. Echographic and x-ray computed tomographic aspects] Capelle J, et al. **J Radiol** 1984 Jun-Jul;65(6-7):471-4 (Eng. Abstr.) **(Fre)**

[Ecographic aspects of intestinal invaginations. Description of a case and review of the literature] Alessi V. **Radiol Med (Torino)** 1984 Mar;70(3):91-6 (Eng. Abstr.) **(Ita)**

[A case of adult ileoileal intussusception diagnosed by ultrasound] Ohmoto K, et al. **Rinsho Hoshasen** 1985 Mar; 30(3):423-4 (Eng. Abstr.) **(Jpn)**

[Endoscopic and morphofunctional characteristics of the ileocecal segment of the intestines in children with surgical diseases] Doletskii SIa, et al. **Khirurgiia (Mosk)** 1985 Apr; (4):58-64 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Intussusception and glucagon [letter] Bowen A. **South Med J** 1985 Jul;78(7):895-6

ETIOLOGY

Ileocaecal intussusception of a previously recognized Meckel's diverticulum. Simpson RL. **Aust NZ J Surg** 1985 Apr;55(2):209-11

Small bowel tumours causing intussusception in childhood. Puri P, et al. **Br J Surg** 1985 Jun;72(6):493-4

Intussusception caused by multiple trichobezoars: a surgical trap for the unwary. Rees M. **Br J Surg** 1984 Sep;71(9):721

An intussuscepted ileal ureter bladder nipple. Cohn MS, et al. **J Urol** 1985 May;133(5):849-50

Intimal intussusception: unusual complication of dissecting aneurysm. DeBakey ME, et al. **J Vasc Surg** 1984 Jul; 1(4):566-8

Peutz Jeghers syndrome (gastro-intestinal polyposis) and its complications. Oonwala ZG, et al. **JPMA** 1985 May; 35(5):154-5

Postoperative small bowel intussusception. Esquivel CO, et al. **West J Med** 1985 Jul;143(1):108-10

[Blue rubber bleb nevus syndrome and intussusception--a case report] Pan CH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1058-63 (Eng. Abstr.) **(Chi)**

[Unusual cause of intestinal invagination: congenital polypoid-form gastric heterotopia. Study of a case and review of the literature] Justrabo E, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):391-4 (Eng. Abstr.) **(Fre)**

[Acute intestinal invagination secondary to the presence of an aberrant pancreas in an infant] Serour F, et al. **Chir Pediatr** 1985;26(1):51-2 (Eng. Abstr.) **(Fre)**

[Intestinal invagination and Yersinia enterocolitica infections] Voghenzi A, et al. **Pediatr Med Chir** 1984 Sep-Oct; 6(5):667-8 (Eng. Abstr.) **(Ita)**

[Jejunal lipoma complicated by triple intussusception] Kropacz J, et al. **Wiad Lek** 1985 May 1;38(9):662-4 (Eng. Abstr.) **(Pol)**

[Invagination into Braun's anastomosis] Arbobov MK, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):126-7 **(Rus)**

[Invagination of the stomach into the esophagus in cardiospasm] Khachiev LG. **Khirurgiia (Mosk)** 1985 Feb; (2):130 **(Rus)**

[Invagination of the appendix into the cecum in a child with Ladd's syndrome] Ten IuV. **Khirurgiia (Mosk)** 1984 Dec; (12):128-9 **(Rus)**

[The abdominal syndrome and surgical complications in Schoenlein-Henoch disease in children] Akzhigitov GN, et al. **Sov Med** 1985;(2):66-70 **(Rus)**

[Invagination of the stomach into the duodenum as a complication of multiple polyposis] Usanov AP, et al. **Vestn Khir** 1985 Feb;134(2):61 **(Rus)**

[Neurofibroma of the small intestine associated with von Recklinghausen's disease: apropos of a case] Arévalo Jiménez E, et al. **Rev Esp Enferm Apar Dig** 1984 Nov; 66(5):431-4 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Adult intussusception with autoamputation and preservation of bowel continuity. Gomez GA, et al. **Dis Colon Rectum** 1984 Oct;27(10):654-7

Neonatal intussusception. Hadley GP, et al. **Papua New Guinea Med J** 1983 Jun;26(2):144-5

RADIOGRAPHY

Conventional abdominal radiography as a means to rule out ileo-caecal intussusception. Eklöf O, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):265-7

Chronic intussusception of Meckel's diverticulum. Banerjee B, et al. **Br J Clin Pract** 1984 Oct;38(10):372-3

A CT sign: the 'disappearing mass' as a clue to the diagnosis of intermittent intestinal intussusception in children. Lerner A, et al. **Comput Radiol** 1984 Nov-Dec;8(6):387-90

An analysis of bowel perforation in patients with intussusception. Blane CE, et al. **J Can Assoc Radiol** 1984 Jun;35(2):113-5

The inadvertent CT demonstration of intussusception. Mason JT, et al. **J Can Assoc Radiol** 1985 Mar;36(1):68-70

Coiled-spring sign of appendiceal intussusception. Levine MS, et al. **Radiology** 1985 Apr;155(1):41-4

[Roentgenologic findings of intussusception in Peutz-Jeghers syndrome] Oyama K, et al. **Rinsho Hoshasen** 1984 Sep; 29(9):1009-12 (Eng. Abstr.) **(Jpn)**

SURGERY

Intussusception in adults--report of 3 cases. Schuind F, et al. **Acta Chir Belg** 1985 Jan-Feb;85(1):55-60

Acute jejunogastric intussusception. Gundersen SB Jr, et al. **Am Surg** 1985 Sep;51(9):511-3

Surgical complications in Henoch-Schönlein Purpura. Martinez-Frontanilla LA, et al. **J Pediatr Surg** 1984 Aug; 19(4):434-6

Perforation of the intussuscipiens transverse colon: an unusual complication in infancy. Skouteli HN, et al. **Z Kinderchir** 1985 Apr;40(2):117-8

THERAPY

Hydrostatic reduction of childhood intussusception. The role of adjuvant glucagon medication. Mortensson W, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):261-4

Treatment of intussusception with small bowel obstruction: application of decision analysis. Leonidas JC. **AJR** 1985 Oct;145(4):665-9

Intussusception in childhood: a review of 139 cases. Sparnon AL, et al. **Aust NZ J Surg** 1984 Aug;54(4):353-6

Pseudoreduction of intussusception: is ileal reflux the end point? Fitch SJ, et al. **Gastrointest Radiol** 1985;10(2):181-3

Acute intussusception in childhood [editorial] **Lancet** 1985 Aug 3;2(8449):250-1

Managing acute intussusception [letter] Poston GJ, et al. **Lancet** 1985 Aug 24;2(8452):444

The obstructed intussusception in childhood. Potts SR, et al. **Ulster Med J** 1984;53(2):140-2

[Evaluation of medical and surgical treatment of intussusception in children apropos of a review of 100 consecutive cases] Nobre F, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):197-201 (Eng. Abstr.) **(Fre)**

[Intestinal invagination: 12 years of experience] Gracia Romero J, et al. **An Esp Pediatr** 1985 Jan;22(1):63-8 (Eng. Abstr.) **(Spa)**

[Anesthesia in intestinal invagination] Pérez del Palomar Chavarri R, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):231-3 (Eng. Abstr.) **(Spa)**

VETERINARY

Cryptococcal granuloma associated with jejunal intussusception in a horse. Boulton CH, et al. **Equine Vet J** 1984 Nov;16(6):548-51

Chronic intestinal intussusception in two horses. Scott EA, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):383-5

Intussusception in an ostrich chick. Keffen RH. **J S Afr Vet Assoc** 1984 Jun;55(2):77

Mesenteric hernia in a cow. van der Velden MA. **Vet Rec** 1984 Oct 20;115(16):414

[Intestinal invagination in pigs] Fortýn K, et al. **Vet Med (Praha)** 1985 Mar;30(3):173-8 (Eng. Abstr.) **(Cze)**

INULIN

ANALOGS & DERIVATIVES

Use of polysaccharides as drug carriers. Dextran and inulin derivatives of procainamide. Schacht E, et al. **Ann NY Acad Sci** 1985;446:199-212

BLOOD

Creatinine and urea clearances compared to inulin clearance in preterm and mature babies. Coulthard MG, et al. **Early Hum Dev** 1985 May;11(1):11-9

DIAGNOSTIC USE

An inulin-like clearance based on the atomic absorbance of a copper cluster compound. Bergevin GH, et al. **Physiol Chem Phys Med NMR** 1984;16(4):307-16

METABOLISM

Measurement of glomerular filtration rate in conscious unrestrained rats with inulin infused by implanted osmotic pumps. Jobin J, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F734-8

Differences in the effect of hemodialysis on the residual clearance of inulin, endogenous creatinine, and urea. Teplan V, et al. **Artif Organs** 1984 Nov;8(4):488-9

The permeability of normal, adenomatous, ulcerative colitic and malignant large bowel epithelial cell membranes to inulin. Chambers TJ, et al. **Br J Exp Pathol** 1985 Jun; 66(3):309-15

Renal clearance of urea, inulin, and p-aminohippurate in heat-acclimated rats. Chayoth R, et al. **J Appl Physiol** 1984 Sep;57(3):731-2

Reduction in slow intercompartmental clearance of urea during dialysis. Bowsher DJ, et al. **J Lab Clin Med** 1985 Apr;105(4):489-97

Comparison of the vascular permeability of the brain and the spinal cord to mannitol and inulin in rats. Daniel PM, et al. **J Neurochem** 1985 Aug;45(2):647-9

Transcapillary transport of solutes in the myocardium: effects of nitroglycerin, isoproterenol and histamine on permeability-surface area products of inulin and sucrose. Weselcouch EO, et al. **J Pharmacol Exp Ther** 1985 Jul; 234(1):19-24

Effect of chlorpromazine on peritoneal clearances. Indraprasit S, et al. **Nephron** 1985;40(3):341-3

Cholestasis and increased biliary excretion of inulin in rats given 1,1-dichloroethylene. Moslen MT, et al. **Toxicology** 1985 Mar 15;34(3):201-9

PHARMACODYNAMICS

Inulin-induced activation of factor B in whole serum: description of structural modifications in the Ba fragment. Davrinche C, et al. **Eur J Immunol** 1984 Oct;14(10):957-61

THERAPEUTIC USE

Beneficial effect of Inula racemosa (pushkarmoola) in angina pectoris: a preliminary report. Tripathi SN, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):73-5

URINE

A simple inulin assay for renal clearance determination using an immobilized beta-fructofuranosidase. Day DF, et al. **Ann NY Acad Sci** 1984;434:504-7

INVASIVENESS, NEOPLASM see **NEOPLASM INVASIVENESS**

INVENTORIES, HOSPITAL see under **MATERIALS MANAGEMENT, HOSPITAL**

INVERSION (GENETICS)

A prenatally detected inv dup(15). Pecile V, et al. **Am J Med Genet** 1984 Aug;18(4):751-3

Clinical implications of chromosomal inversions. A pericentric inversion in No. 18 segregating in a family ascertained through an abnormal proband. Martin AO, et al. **Am J Perinatol** 1983 Oct;1(1):81-8

Unusual chromosome 9 polymorphism and reproductive failure. Fryns JP, et al. **Ann Genet (Paris)** 1985;28(1):49-51

Analysis of globin gene inversion reveals similarities with immunoglobulin rearrangement. Jennings MW, et al. **Ann NY Acad Sci** 1985;445:212-7

Heterogeneities of the malaria vectorial system in tropical Africa and their significance in malaria epidemiology and control. Coluzzi M. **Bull WHO** 1984;62 Suppl:107-13

Inversion polymorphisms in natural populations of Anopheles stephensi. Mahmood F, et al. **Can J Genet Cytol** 1984 Oct; 26(5):538-46

C-band heteromorphism in breast cancer patients. Berger R, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):37-42

Constitutional C-band pattern in patients with adenomatosis of the colon and rectum. Heim S, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):31-5

The karyotype of the glucocorticoid-sensitive, lymphoblastic human T-cell line CCRF-CEM shows a unique deleted and inverted chromosome 9. Moore DE, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):89-94

The Philadelphia (Ph) chromosome in leukemia. III. Complex Ph translocation plus inversion in chronic myelocytic leukemia. Morgan R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):23-30

Inv(16) abnormality and eosinophilia in a patient with acute nonlymphocytic leukemia. Okada M, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):185-7

Isomerization of herpes simplex virus 1 genome: identification of the cis-acting and recombination sites within the domain of the a sequence. Chou J, et al. **Cell** 1985 Jul;41(3):803-11

Site-specific inversion: enhancers, recombination proteins, and mechanism. Craig NL. **Cell** 1985 Jul;41(3):649-50 (16 ref.)

Hin-mediated site-specific recombination requires two 26 bp recombination sites and a 60 bp recombinational enhancer. Johnson RC, et al. **Cell** 1985 Jul;41(3):781-91

G inversion in bacteriophage Mu DNA is stimulated by a site within the invertase gene and a host factor. Kahmann R, et al. **Cell** 1985 Jul;41(3):771-80

Familial partial monosomy 5p and trisomy 5q; three cases due to paternal pericentric inversion 5 (p151q333). Beemer FA, et al. **Clin Genet** 1984 Sep;26(3):209-15

Paracentric inversions in man. Callen DF, et al. **Clin Genet** 1985 Jul;28(1):87-92

Familial syndrome with some features of the Langer-Giedion syndrome, and paracentric inversion of chromosome 8, inv 8 (q11.23----q21.1). Shabtai F, et al. **Clin Genet** 1985 Jun; 27(6):600-5

Substrate and enzyme requirements for in vitro site-specific recombination in bacteriophage mu. Kahmann R, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:285-94

Comparative analysis of invertible DNA in phage genomes. Kamp D, et al. **Cold Spring Harbor Symp Quant Biol** 1984; 49:301-11

Inversion of DNA in vivo and in vitro by gin and pin proteins. Plasterk RH, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:295-300

Synaptonemal complex analysis of a pericentric inversion in chromosome 2 of domestic fowl, Gallus domesticus. Kaelbling M, et al. **Cytogenet Cell Genet** 1985;39(2):82-6

A novel deletion found during cloning of a synthetic palindromic DNA. Goodchild J, et al. **Gene** 1985; 33(3):367-71

A gene for DNA invertase and an invertible DNA in

Escherichia coli K-12. Kutsukake K, et al. **Gene** 1985; 34(2-3):343-50

Inversion (14)(q12qter) or (q11.2q32.3): the most frequently acquired rearrangement in lymphocytes. Aurias A, et al. **Hum Genet** 1985;71(1):19-21

Pericentric inversions. Problems and significance for clinical genetics. Kaiser P. **Hum Genet** 1984;68(1):1-47 (324 ref.)

Inversion of chromosome 2 (p11p13): frequency and implications for genetic counselling. MacDonald IM, et al. **Hum Genet** 1985;69(3):281-3

Pure monosomy and trisomy 2q24.2----q3105 due to an inv ins(7;2)(q21.2;q3105q24.2) segregating in four generations. Moller M, et al. **Hum Genet** 1984;68(1):77-86

Supernumerary microchromosomes identified as inverted duplications of chromosome 15: a report of three cases. Wisniewski LP, et al. **Hum Genet** 1985;69(2):161-3

A possible clinical implication of homozygous inversions of 9qh regions with Cornelia de Lange syndrome (CLS). Babu KA, et al. **Hum Hered** 1985;35(4):265-7

Inversions in mitochondrial DNA of a petite mutant of yeast. Wakabayashi K, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1559-64

Cryptic satellites rich in inverted repeats comprise 30% of the genome of a hermit crab. Fowler RF, et al. **J Biol Chem** 1985 Jan 25;260(2):1296-303

Genetic and developmental studies of a new mouse mutation that produces otocephaly. Juriloff DM, et al. **J Craniofac Genet Dev Biol** 1985;5(2):121-45

Familial inv(2) (p2300q11.2). Sole-Pujol MT, et al. **J Genet Hum** 1985 Jan;33(1):57-62

Chromosomal and behavioral studies of Mexican Drosophila. III. Inversion polymorphism of D. pseudoobscura. Olvera O, et al. **J Hered** 1985 Jul-Aug;76(4):258-62

A child with a recombinant of chromosome 8 inherited from her carrier mother. Barnes IC, et al. **J Med Genet** 1985 Feb;22(1):67-70

Familial paracentric inversion of chromosome 15 (q15q24). Del Porto G, et al. **J Med Genet** 1984 Dec;21(6):451-3

De novo paracentric inversion in an X chromosome. Herr HM, et al. **J Med Genet** 1985 Apr;22(2):140-2

Paracentric inversions in man. Madan K, et al. **J Med Genet** 1984 Dec;21(6):407-12 (44 ref.)

Familial pericentric inversion (10) and its effect on two offspring. Rodriguez MT, et al. **J Med Genet** 1984 Aug; 21(4):317-9

Acute eosinophilic leukemia: characterization by cytochemistry, chromosomal analysis, and in vitro colony formation. Schmitz N, et al. **Klin Wochenschr** 1985 Feb 4;63(3):133-7

Transposon Tn1 intra-molecular transposition. Bishop R, et al. **MGG** 1984;196(1):117-22

Long internal inverted repeat in a yeast viral double-stranded RNA. Bruenn J, et al. **Nucleic Acids Res** 1985 Mar 11; 13(5):1575-91

Analysis of an inversion within the human beta globin gene cluster. Jennings MW, et al. **Nucleic Acids Res** 1985 Apr 25;13(8):2897-906

Amenorrhoea in a girl with pericentric inversion of chromosome 11. Palka GD, et al. **Pathologica** 1984 Sep-Oct;76(1045):623-5

Pericentric inversion of the Y chromosome and prenatal diagnosis. Shapiro LR, et al. **Prenat Diagn** 1984 Nov-Dec; 4(6):463-5

Frequency and association of NOR's in a family carrying a pericentric inversion of chromosome 14. Leal-Garza C, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):283-6

[Paracentric inversions in man. Apropos of 2 familial observations] Morichon-Delvallez N, et al. **Ann Genet (Paris)** 1985;28(2):119-22 (Eng. Abstr.) **(Fre)**

[Duplication of the long arm of chromosome 3 (dup 3q) in a newborn infant whose the father is carrier of pericentric inversion of chromosome 9] Ayral D, et al. **Pediatrie** 1984 Dec;39(8):681-90 (Eng. Abstr.) **(Fre)**

[Description of a case of ring chromosome 21 and pericentric inversion of Y chromosome] Ponzio G, et al. **Pathologica** 1983;75 Suppl:276-9 **(Ita)**

[Plasmid transformation of Bacillus subtilis: effect of inverted repetitions] Boitsov AS, et al. **Dokl Akad Nauk SSSR** 1985; 282(2):437-40 **(Rus)**

[Inverted interconnected base sequences in the Alu, HindIII and KpnI structure of DNA repetitive sequences] Korotkov EV, et al. **Dokl Akad Nauk SSSR** 1985; 280(6):1472-5 **(Rus)**

[Chromosomal inversion accompanied by an enhancement of uridine phosphorylase gene expression in Escherichia coli K-12] Kulakauskas ST, et al. **Genetika (Moskva)** 1985 Mar;21(3):375-83 (Eng. Abstr.) **(Rus)**

[Radiation-induced inversions and reciprocal translocations in Anopheles atroparvus] Pleshkova GN. **Genetika (Moskva)** 1984 Dec;20(12):2011-7 (Eng. Abstr.) **(Rus)**

[The context analysis of polynucleotide sequences. II. Inverted repeats and complementary palindromes in RNA-polymerase genes] Zharkikh AA, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):597-609 (Eng. Abstr.) **(Rus)**

INVERTEBRATE HORMONES

ANALYSIS

N-terminal amino acid sequence of an insect neurohormone, melanization and reddish coloration hormone (MRCH): heterogeneity and sequence homology with human insulin-like growth factor II. Matsumoto S, et al. **FEBS Lett** 1985 Sep 9;189(1):115-8

Enzyme-linked immunosorbent assay of black pigment dispersing hormone from the fiddler crab, Uca pugilator. Quackenbush LS, et al. **Gen Comp Endocrinol** 1985 Mar; 57(3):438-44

Ecdysteroid-like substances in Nippostrongylus brasiliensis. Bottjer KP, et al. **J Parasitol** 1984 Dec;70(6):986-7

The small cardioactive peptides A and B of Aplysia are derived from a common precursor molecule. Mahon AC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3925-9

Ecdysteroids in developing ovaries and eggs of the tobacco hornworm. Thompson MJ, et al. **Steroids** 1984 Mar; 43(3):333-41

BIOSYNTHESIS

Endocytosis in adipokinetic hormone (AKH)-producing cells of the migratory locust, Locusta migratoria, in rest and during flight. Diederen JH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):525

Opposing roles for D-1 and D-2 dopamine receptors in regulating the excitability of growth hormone-producing cells in the snail Lymnaea stagnalis. Stoof JC, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):431-5

Hormonal regulation of ovarian ecdysteroid production in the autogenous mosquito, Aedes atropalpus. Birnbaum MJ, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):9-18

Biosynthesis of ecdysteroids from cholesterol by crab Y-organs, and eyestalk suppression of cholesterol uptake and secretory activity, in vitro. Watson RD, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):140-8

Regulation of synthesis of the neurosecretory egg-laying hormone of Aplysia: antagonistic roles of calcium and cyclic adenosine 3':5'-monophosphate. Bruehl CL, et al. **J Neurosci** 1985 May;5(5):1233-8

BLOOD

Changes in ecdysteroid and juvenile hormone titers in the hemolymph of Galleria mellonella larvae and pupae. Plantevin G, et al. **Gen Comp Endocrinol** 1984 Nov; 56(2):218-30

Normal and experimentally induced changes in hormonal hemolymph titers during parental behavior of the earwig Labidura riparia. Vancassel M, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):444-56

GENETICS

Structure and expression of the egg-laying hormone gene family in Aplysia. Mahon AC, et al. **J Neurosci** 1985 Jul; 5(7):1872-80

ISOLATION & PURIFICATION

Isolation of crustacean erythrophore concentrating hormone from nerve tissue of Homarus americanus. Jaffe H, et al. **Comp Biochem Physiol [C]** 1984;78(2):397-401

Isolation and biological activities of limulus anticoagulant (anti-LPS factor) which interacts with lipopolysaccharide (LPS). Morita T, et al. **J Biochem (Tokyo)** 1985 Jun; 97(6):1611-20

The covalent protein structure of insecticyanin, a blue biliprotein from the hemolymph of the tobacco hornworm, Manduca sexta L. Riley CT, et al. **J Biol Chem** 1984 Nov 10;259(21):13159-65

METABOLISM

A mechanism of action for the inhibition of black pigment dispersion in the fiddler crab, Uca pugilator, by naphthalene. Staub GC, et al. **Comp Biochem Physiol [C]** 1984;79(2):447-53

Metabolism of ecdysteroids during the vitellogenesis of the tick Ornithodoros moubata (Ixodoidea, Argasidae): accumulation of apolar metabolites in the eggs. Connat JL, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):100-10

Ecdysteroids in the American dog tick, Dermacentor variabilis (Acari: Ixodidae), during different periods of tick development. Dees WH, et al. **J Med Entomol** 1984 Sep 28;21(5):514-23

Morphology of two pairs of identified peptidergic neurons in the buccal ganglia of the mollusc Tritonia diomedea. Masinovsky B, et al. **J Neurobiol** 1985 Jan;16(1):27-39

Apolar ecdysteroid esters in adult female crickets, Gryllus bimaculatus. Hoffmann KH, et al. **Life Sci** 1985 Jul 15; 37(2):185-92

Ecdysteroid metabolism in a crab: Carcinus maenas L. Lachaise F, et al. **Steroids** 1984 Mar;43(3):243-59

PHARMACODYNAMICS

Down-regulation of Ia expression on macrophages by sea star factor. Donnelly JJ, et al. **Cell Immunol** 1985 Feb; 90(2):408-15

Anti-LPS factor in the horseshoe crab, Tachypleus tridentatus. Its hemolytic activity on the red blood cell sensitized with lipopolysaccharide. Ohashi K, et al. **FEBS Lett** 1984 Oct 15;176(1):207-10

Hormonal regulation of ovarian ecdysteroid production in the autogenous mosquito, Aedes atropalpus. Birnbaum MJ, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):9-18

Variations during the gonotrophic cycle in the titer of the myotropic ovulation hormone and the response of the ovarian muscles in Rhodnius prolixus. Davey KG, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):452-7

Environmental and hormonal control of the seasonal egg laying period in field specimens of Lymnaea stagnalis. Dogterom GE, et al. **Gen Comp Endocrinol** 1985 Jan; 57(1):37-42

Nonsynaptic characteristics of neurotransmission mediated by egg-laying hormone in the abdominal ganglion of Aplysia. Mayeri E, et al. **J Neurosci** 1985 Aug;5(8):2060-77

Independent steroid control of the fates of motoneurons and their muscles during insect metamorphosis. Weeks JC, et al. **J Neurosci** 1985 Aug;5(8):2290-300

The role of calcium in diuretic hormone action on locust Malpighian tubules. Morgan PJ, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):221-31

PHYSIOLOGY

Influence of membrane fluidity changes upon the imprinting of polypeptide hormones in Tetrahymena. Kovács P, et al. **Comp Biochem Physiol [A]** 1984;78(4):763-6

Hormonal regulation of dopa decarboxylase during a larval molt. Hiruma K, et al. **Dev Biol** 1985 Aug;110(2):509-13

SECRETION

Heterogeneity of peptides released by electrically active neuroendocrine caudodorsal cells of Lymnaea stagnalis. Geraerts WP, et al. **Brain Res** 1985 Apr 1;331(1):51-61

INVERTEBRATES

Hazardous marine animals. Auerbach PS. **Emerg Med Clin North Am** 1984 Aug;2(3):531-44

[Effect of polysaccharides isolated from marine invertebrates on various functions of T- and B lymphocytes] Zaporozhets TS, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):43-7 (Eng. Abstr.) **(Rus)**

[Action of bioglycans from marine invertebrates on macrophage functioning] Besednova NN, et al. **Antibiotiki** 1984 Sep;29(9):653-7 (Eng. Abstr.) **(Rus)**

ANALYSIS

Endogenous opioids in marine invertebrates. Piccoli R, et al. **Comp Biochem Physiol [C]** 1985;80(2):237-40

Halogenated tyrosine derivatives in invertebrate scleroproteins: isolation and identification. Hunt S. **Methods Enzymol** 1984;107:413-38

Invertebrate carotenoproteins. Zagalsky PF. **Methods Enzymol** 1985;111:216-47

ANATOMY & HISTOLOGY

Technique for revealing the three-dimensional architecture of whole preserved spiculated invertebrates. Hanken J, et al. **Stain Technol** 1984 Mar;59(2):65-9

IMMUNOLOGY

Recognition proteins, receptors, and probes: invertebrates. Proceedings of a symposium, Recognition and Receptor Display: Lectin Cell Surface Receptors and Probes. December 28, 1983, Philadelphia, Pennsylvania. **Prog Clin Biol Res** 1984;157:1-207

Immunobiological significance of invertebrate lectins. Vasta GR, et al. **Prog Clin Biol Res** 1984;157:177-91

METABOLISM

Chordate muscle actins differ distinctly from invertebrate muscle actins. The evolution of the different vertebrate muscle actins. Vandekerckhove J, et al. **J Mol Biol** 1984 Nov 5;179(3):391-413

Biosynthesis and interconversion of sterols in plants and marine invertebrates. Goad LJ. **Methods Enzymol** 1985; 111:311-32

Glutathione S-transferase in aquatic macro-invertebrates and its interaction with different organic micropollutants. Dierickx PJ. **Sci Total Environ** 1984 Dec;40:93-102

PHYSIOLOGY

Neuropeptide function: the invertebrate contribution. O'Shea M, et al. **Annu Rev Neurosci** 1985;8:171-98 (104 ref.)

5-Hydroxytryptamine in invertebrates. Walker RJ. **Comp Biochem Physiol [C]** 1984;79(2):231-5 (85 ref.)

Calcium control of ciliary reversal in ionophore-treated and ATP-reactivated comb plates of ctenophores. Nakamura S, et al. **J Cell Biol** 1985 May;100(5):1447-54

INVESTMENTS

A timely system for investors claimed by advisors. Sosnowy JK. **Ala Med** 1984 Nov;54(5):28-32

Commercial real estate. McEwan D. **Can Dent Assoc J** 1985 Feb;51(2):138-9

Industrial real estate. McEwan D. **Can Dent Assoc J** 1985 Jan;51(1):25-6

Cleveland, Merrill Lynch at the top in '83 bond issues. **Hospitals** 1984 Oct 16;58(20):46-8

Use of company stock ownership records to locate subjects lost to follow-up. Nelson NA. **J Occup Med** 1984 Oct; 26(10):737-9

Should you invest in convertible securities? Kalogredis VJ, et al. **Pa Med** 1985 Jul;88(7):58-9

Assets of new retired-worker beneficiaries: findings from the New Beneficiary Survey. Sherman SR. **Soc Secur Bull** 1985 Jul;48(7):27-43

Restrictive covenants in hospital bond financing. Baker BJ. **Top Health Care Financ** 1985 Summer;11(4):43-9

CLASSIFICATION

The decision process used for hospital bond rating--and its implications. Cleverley WO, et al. **Health Serv Res** 1984 Dec;19(5):615-37

LEGISLATION & JURISPRUDENCE

What's new with IRAs? Brown KS. **Mich Med** 1985 Mar; 84(3):188, 190

TRENDS

Refinancings dominate first-quarter bonds. **Hospitals** 1985 Jun 16;59(12):53-4, 56

Tax-exempt hospital issues drop again during 3rd quarter of '84. **Hospitals** 1985 Jan 1;59(1):41, 43

Health care stocks, bonds suffered; creative financings appeared in '84. Traska MR. **Hospitals** 1984 Dec 16; 58(24):62, 64

INVOLUNTARY COMMITMENT see **COMMITMENT OF MENTALLY ILL**

IOCETAMIC ACID see under **IODOBENZENES**

IODAMIDE see under **IODOBENZOATES**

IODAMOEBIASIS see under **AMEBIASIS**

IODATES see under **IODINE**

IODIDE PEROXIDASE see under **PEROXIDASES**

IODIDES

NADPH oxidation catalyzed by the peroxidase/H2O2 system. Iodide-mediated oxidation of NADPH to iodinated NADP. Virion A, et al. **Eur J Biochem** 1985 Apr 15; 148(2):239-43

Production of 123I as iodide by distillation. Qureshi MA, et al. **Int J Nucl Med Biol** 1985;12(1):57-8

[Leakage of gaseous 125I from a Na125I solution through a plastic film] Tanaka Y. **Radioisotopes** 1984 Sep; 33(9):629-31 (Eng. Abstr.) **(Jpn)**

[Leakage of gaseous 125I during radioiodination using Na125I] Tanaka Y, et al. **Radioisotopes** 1984 Oct; 33(10):699-701 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Iodine in milk of cows after intrauterine infusion of Lugol's solution. McCaughan CJ, et al. **Aust Vet J** 1984 Jun; 61(6):200-1

[Preparation of eyedrops containing iodides] Kinget R. **J Pharm Belg** 1984 Nov-Dec;39(6):383-9 (Eng. Abstr.) **(Fre)**

[Use of microexplosions as a new physiotherapeutic method in the treatment of psoriasis] Lenskii AS, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):4-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

Iodine distribution in the thyroid follicles of the hagfish, Eptatretus burgeri and lamprey, Lampetra japonica: electron-probe X-ray microanalysis. Suzuki S. **Cell Tissue Res** 1985;241(3):539-43

Iodinated compounds and thyroxine binding to albumin in human breast milk. Etling N, et al. **Pediatr Res** 1984 Sep; 18(9):901-3

Discrimination between thorotrast and iodine contrast medium by means of dual-energy CT scanning. Takai M, et al. **Phys Med Biol** 1984 Aug;29(8):959-67

BLOOD

Iodide determination in blood by gas chromatography. Doedens DJ. **J Anal Toxicol** 1985 May-Jun;9(3):109-11

DIAGNOSTIC USE

Measurement of pulmonary clearance of radioaerosol using a portable sodium iodide probe. Jefferies AL, et al. **J Appl Physiol** 1984 Dec;57(6):1908-12

The reliability of the iodide permeability test applied to the natural dentition. Tavares M, et al. **J Dent Res** 1985 Oct; 64(10):1257-60

Effect of antibodies directed against complement receptors on phagocytosis by polymorphonuclear leukocytes: use of iodination as a convenient measure of phagocytosis. Klebanoff SJ, et al. **J Immunol** 1985 Feb;134(2):1153-9

[Use of the alkaline osmium-iodide technic on cutaneous pigmentary lesions] Trevisan G, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):417-20 (Eng. Abstr.) **(Ita)**

METABOLISM

Iodide accumulation into thyroid Golgi vesicles. Bastiani P, et al. **Cell Biochem Funct** 1985 Jan;3(1):21-3

Effect of actinomycin D on iodide transport in FRTL-5 thyroid cells. Marcocci C, et al. **Endocrinology** 1984 Dec; 115(6):2123-32

A comparison of the mechanisms of alpha-adrenergic inhibition of thyrotropin-stimulated adenosine 3',5'-monophosphate in cat, rat, mouse, hamster, beef, and pig tissues with the stimulatory effect of epinephrine on beef thyroid iodination: evidence for multiple, species-specific adrenergic mechanisms. Mills I, et al. **Endocrinology** 1985 Apr;116(4):1310-5

Mechanism of enzymatic and non-enzymatic tyrosine iodination. Inhibition by excess hydrogen peroxide and/or iodide. Huwiler M, et al. **Eur J Biochem** 1985 Mar 15; 147(3):469-76

Precursor-product relationship between the 26-kDa and 18-kDa fragments formed by iodination of human thyroglobulin. Marriq C, et al. **FEBS Lett** 1984 Sep 17; 175(1):140-6

Iodide carrier in isolated cells of stomach. Banerjee RK, et al. **Indian J Biochem Biophys** 1985 Feb;22(1):36-7

Influence of pulmonary embolism on absorption of inhaled iodide-125. Dawson CA, et al. **J Appl Physiol** 1985 Apr; 58(4):1061-8

Efflux of preloaded iodide from the thyroid induced by externally added iodide. A study using a biological model of the thyroid iodide transport system. Saito K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):599-604

Association of the changes in cytosolic Ca2+ and iodide efflux induced by thyrotropin and by the stimulation of alpha 1-adrenergic receptors in cultured rat thyroid cells. Corda D, et al. **J Biol Chem** 1985 Aug 5;260(16):9230-6

Mechanisms of thyroid peroxidase- and lactoperoxidase-catalyzed reactions involving iodide. Magnusson RP, et al. **J Biol Chem** 1984 Nov 25; 259(22):13783-90

Measurement of low concentrations of bovine thyrotrophin by iodide uptake and organification in porcine thyrocytes. Reader SC, et al. **J Endocrinol** 1985 Jul;106(1):13-20

Ultrastructural morphology and evidence of iodide uptake and protein synthesis in normal human thyroid transplants in nude mice. Smeds S, et al. **J Endocrinol Invest** 1984 Dec;7(6):569-78

Congenital hypothyroidism caused by defective iodide transport. Couch RM, et al. **J Pediatr** 1985 Jun;106(6):950-3

PHARMACODYNAMICS

Effect of povidone, povidone-iodine, and iodide on locomotion (in vitro) of neutrophils from people, rats, dogs, and rabbits. Tvedten HW, et al. **Am J Vet Res** 1985 Aug; 46(8):1797-800

Lugol's iodine: its effect on thyroid blood flow in patients with thyrotoxicosis. Marigold JH, et al. **Br J Surg** 1985 Jan;72(1):45-7

Effects of high doses of iodide on thyroid secretion: evidence for the presence of iodinated membrane tubulin. Santisteban P, et al. **Endocrinology** 1985 Aug;117(2):607-12

Effects of iodide on thyroid follicle structure and electrophysiological potentials of cultured thyroid cells. Takasu N, et al. **Endocrinology** 1985 Jul;117(1):71-6

The effect of radioactive iodine on brain acetylcholine and serotonin in normal and stress subjected rats. Hasan SS, et al. **Folia Biol (Krakow)** 1984;32(3):201-08

Iodide-induced disappearance of thyroid follicles in cultured cells. Takasu N, et al. **Horm Metab Res** 1984 Oct; 16(10):558-9

The iron-hydrogen peroxide-iodide system is fungicidal: activity against the yeast phase of Blastomyces dermatitidis. Sugar AM, et al. **J Leukocyte Biol** 1984 Oct;36(4):545-8

Inhibition of cyclic AMP formation by iodide in suspension cultures of porcine thyroid follicle cells. Heldin NE, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):61-7

Further characterization of the iodide inhibitory effect on the cyclic AMP system in dog thyroid slices. Van Sande J, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):181-92

[Lugol's solution and thyroid gland activity in cattle. Determination of the total thyroxine in blood plasma as a method for evaluating thyroid gland activity] Braun U, et al. **Tierarztl Prax** 1985;Suppl 1:33-40 (Eng. Abstr.) **(Ger)**

SECRETION

Intestinal iodide secretion and its dependence upon mucosal I- permeability. Ondarra A, et al. **Rev Esp Fisiol** 1985 Mar; 41(1):117-23

THERAPEUTIC USE

Effect of iodide treatment on iodine concentration and volume of endemic non-toxic goitre in childhood. Leisner B, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):44-50

Neonatal thyrotoxicosis treated with exchange transfusion and Lugol's iodine. Wit JM, et al. **Eur J Pediatr** 1985 Mar; 143(4):317-9

Thyroid iodine content and serum thyroid hormone levels in autoimmune thyroiditis: effect of iodide supplementation. Fragu P, et al. **J Nucl Med** 1985 Feb;26(2):133-9

Improvement in hearing among otherwise normal schoolchildren in iodine-deficient areas of Guizhou, China, following use of iodized salt. Wang YY, et al. **Lancet** 1985 Sep 7;2(8454):518-20

[Sonographic volumetry of the thyroid gland in the control of thyroxin and iodide treatment of non-toxic goiter] Olbricht T, et al. **Dtsch Med Wochenschr** 1985 May 31; 110(22):863-6 (Eng. Abstr.) **(Ger)**

URINE

[Urinary excretion of iodide and incidence of goiter in Styria--studies 20 years after the introduction of compulsory iodinated salt prophylaxis] Lind P, et al. **Acta Med Austriaca** 1985;12(2):45-50 (Eng. Abstr.) **(Ger)**

IODINATED HYDROCARBONS see **HYDROCARBONS, IODINATED**

IODINE

A colorimetric method for the determination of hydroxamic acid by iodine oxidation. Kobashi K, et al. **Anal Biochem** 1985 Apr;146(1):7-12

Iodine concentrations in milk from iodophor teat dips. Berg JN, et al. **J Dairy Sci** 1985 Feb;68(2):457-61

Effects of premilking udder preparation on bacterial population, sediment, and iodine residue in milk. Galton DM, et al. **J Dairy Sci** 1984 Nov;67(11):2580-9

Efficacy of an iodine backflush for preventing new intramammary infections. Hogan JS, et al. **J Dairy Sci** 1984 Aug;67(8):1850-9

The influence of the chemical behaviour of iodine on the germicidal action of disinfectant solutions containing iodine. Gottardi W. **J Hosp Infect** 1985 Mar;6 Suppl A:1-11

Prevention of bacterial colonization of wounds at operation: comparison of iodine-impregnated ('Ioban') drapes with conventional methods. Lewis DA, et al. **J Hosp Infect** 1984 Dec;5(4):431-7

[Changes in the features of hyperthyroidism occurring in the initial period of salt iodination in a Chilean population] López JM, et al. **Rev Med Chil** 1984 Jul;112(7):661-4 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

Transient thyrotoxicosis in endemic goitre patients following exposure to a normal iodine intake. Lima N, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):631-7

Depletion regimens for radioiodine therapy of thyroid carcinoma [letter] Jackson G. **J Nucl Med** 1985 Aug; 26(8):962

Histopathological study on rats fed iodine-enriched eggs long-term (7 and 19 months). Tanaami S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):29-42

[Sodium chloride intake and supply of iodine in the Swiss population] Mordasini C, et al. **Schweiz Med Wochenschr** 1984 Dec 22;114(51):1924-9 (Eng. Abstr.) **(Ger)**

[Should the iodination of table salt be increased in Austria?] Galvan G. **Wien Med Wochenschr** 1985 Feb 15;135(3):71-5 (Eng. Abstr.) **(Ger)**

[A polymer-iodine combination for superficial burns and donor sites] Noteu E, et al. **Harefuah** 1984 Jun 15; 106(12):541-4 (Eng. Abstr.) **(Heb)**

ADVERSE EFFECTS

Iodine toxicity in a patient treated by continuous povidone-iodine mediastinal irrigation. Glick PL, et al. **Ann Thorac Surg** 1985 May;39(5):478-80

Iodine-induced thyrotoxicosis in a woman with a multinodular goiter taking levothyroxine. Reith PE, et al. **Arch Intern Med** 1985 Feb;145(2):355-6

Endemic goiter due to iodine rich salt and its pickled vegetables. Zhu XY, et al. **Chin Med J [Engl]** 1984 Jul; 97(7):545-8

Exacerbation of diarrhea after iodinated contrast agents in a patient with VIPoma. Weinstein GS, et al. **Dig Dis Sci** 1985 Jun;30(6):588-92

Iodine-induced thyrotoxicosis: analysis of eighty-five consecutive cases. Leger AF, et al. **Eur J Clin Invest** 1984 Dec;14(6):449-55

The risk of hyperthyroidism following an increase in the supply of iodine. Glöbel B, et al. **J Hosp Infect** 1985 Mar; 6 Suppl A:201-4

Iodine-induced thyrotoxicosis--a case for subtotal thyroidectomy in severely ill patients. Köbberling J, et al. **Klin Wochenschr** 1985 Jan 2;63(1):1-7

Mechanisms of adverse reactions to iodinated contrast material. Labbe E, et al. **Radiat Med** 1984 Apr-Jun; 2(2):93-100 (32 ref.)

[Prevention of endemic goiter induced by excessive intake of dietary iodine] Yang YK. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):90-1 (Eng. Abstr.) **(Chi)**

[Thyroid pathology iatrogenically induced by iodinated products] Unger J. **Rev Med Brux** 1985 Jun;6(6):412-4 (Eng. Abstr.) **(Fre)**

[Thiamazole- and lithium therapy-resistant iodine-induced hyperthyroidism (letter)] Bogner U, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):479-80 **(Ger)**

[Iodine and skin diseases] Plewig G, et al. **Dtsch Med Wochenschr** 1985 Aug 16;110(33):1266-9 **(Ger)**

ANALYSIS

Effect of iodide treatment on iodine concentration and volume of endemic non-toxic goitre in childhood. Leisner B, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):44–50

The iodine status of grazing sheep as monitored by concentrations of iodine in milk. Azuolas JK, et al. **Aust Vet J** 1984 Jul;61(7):223–7

Iodine in milk of cows after intrauterine infusion of Lugol's solution. McCaughan CJ, et al. **Aust Vet J** 1984 Jun; 61(6):200–1

On-line gas chromatographic evaluation of iodine values in edible fats and oils. Kolarovic L, et al. **J Chromatogr** 1984 Nov 30;314:233–41

Iodine concentrations in milk from iodophor teat dips. Berg JN, et al. **J Dairy Sci** 1985 Feb;68(2):457–61

Effect of automatic backflushing on number of new intramammary infections, bacteria on teatcup liners, and milk iodine. Smith TW, et al. **J Dairy Sci** 1985 Feb; 68(2):424–32

Prediction of benignancy of the solitary 'cold' thyroid nodule by fluorescent scanning. Patton JA, et al. **J Nucl Med** 1985 May;26(5):461–4

Iodine content and density of thyroglobulin investigated by isopycnic centrifugation. Engler H, et al. **Mol Cell Endocrinol** 1985 Jul;41(2–3):123–8

Iodinated compounds and thyroxine binding to albumin in human breast milk. Etling N, et al. **Pediatr Res** 1984 Sep; 18(9):901–3

[Improvement in the determination of trace iodine in water by cerium sulfate catalysis] Li GH. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):180–1 **(Chi)**

[A fully automated method for the determination of butanol-extractable iodine using the automatic flowthrough device of the Medingen VEB MLW Prufgerätewerk] Reissner J, et al. **Z Med Lab Diagn** 1984;25(6):323–8 (Eng. Abstr.) **(Ger)**

[Content and distribution of iodine, chlorine and bromine in normal and pathologically changed thyroid gland tissue] Malenchenko AF, et al. **Med Radiol (Mosk)** 1984 Sep; 29(9):19–22 (Eng. Abstr.) **(Rus)**

[The degree of iodination and sulfhydryl group level in the thyroglobulin molecule] Margvelani GP. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):442–4 (Eng. Abstr.) **(Rus)**

BLOOD

Thyrotropin increases the iodine content of rat circulating thyroglobulin as measured by equilibrium density gradient centrifugation. Schneider AB, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):329–34

Comparison of blood serum iodine levels with use of Iodoplex and povidone iodine ointment. Notea E, et al. **J Trauma** 1985 Mar;25(3):247–9

Protein-bound iodine levels in the blood plasma of freshwater teleost, Channa punctatus (Bl.) exposed to subtoxic pesticide concentrations. Saxena PK, et al. **Toxicol Lett** 1985 Jan;24(1):33–6

[Radio-opaque organic iodates in plasma] Mezzetti T, et al. **Boll Chim Farm** 1984 Jun;123(6):286–93 (Eng. Abstr.) **(Ita)**

DEFICIENCY

Effect of thiocyanate levels in milk on thyroid function in iodine deficient subjects. Dahlberg PA, et al. **Am J Clin Nutr** 1985 May;41(5):1010–4

Occult impaired hearing among 'normal' school children in endemic goiter and cretinism areas due to iodine deficiency in Guizhou. Wang YY, et al. **Chin Med J [Engl]** 1985 Feb; 98(2):89–94

Maternal thyroid hormone levels in pregnancy and the subsequent cognitive and motor performance of the children. Pharoah PO, et al. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):265–70

Neurological signs in congenital iodine-deficiency disorder (endemic cretinism). DeLong GR, et al. **Dev Med Child Neurol** 1985 Jun;27(3):317–24

Neonatal thyroid status in iodine deficient environments of the sub-Himalayan region. Kochupillai N, et al. **Indian J Med Res** 1984 Sep;80:293–9

Environmental iodine intake affects the response to methimazole in patients with diffuse toxic goiter. Azizi F. **J Clin Endocrinol Metab** 1985 Aug;61(2):374–7

The pathogenesis of endemic cretinism. Stanbury JB. **J Endocrinol Invest** 1984 Aug;7(4):409–19 (67 ref.)

Restoration of brain growth in fetal sheep after iodized oil administration to pregnant iodine-deficient ewes. Potter BJ, et al. **J Neurol Sci** 1984 Oct;66(1):15–26

Goitre and iodine deficiency in Europe. Report of the Subcommittee for the Study of Endemic Goitre and Iodine Deficiency of the European Thyroid Association. **Lancet** 1985 Jun 8;1(8441):1289–93

Goitre and iodine deficiency in Spain [letter] Escobar del Ray F. **Lancet** 1985 Jul 20;2(8447):149–50

Improvement in hearing among otherwise normal schoolchildren in iodine-deficient areas of Guizhou, China, following use of iodized salt. Wang YY, et al. **Lancet** 1985 Sep 7;2(8454):518–20

Alterations in the dopaminergic system and behaviour in rats reared on iodine-deficient diets. Overstreet DH, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):561–5

Teratogen update: iodine deficiency. Warkany J. **Teratology** 1985 Apr;31(2):309–11

[Role of hypothalamo-hypophyseal control in the adjustment of thyroid function to iodine deficiency] Ermans AM. **Bull Mem Acad R Med Belg** 1984;139(4):236–47 (Eng. Abstr.) **(Fre)**

[Iodine deficiency, congenital goiter and congenital hypothyroidism. Results of TSH screening in southern Bavaria] von Reuss K, et al. **Dtsch Med Wochenschr** 1984 Dec 14;109(50):1918–21 (Eng. Abstr.) **(Ger)**

[Should the iodination of table salt be increased in Austria?] Galvan G. **Wien Med Wochenschr** 1985 Feb 15;135(3):71–5 (Eng. Abstr.) **(Ger)**

[Dietary iodine deficiency in East Germany] Bauch K. **Z Gesamte Inn Med** 1984 Jul 1;39(13):306–9 (Eng. Abstr.) **(Ger)**

[Effects of iodine deficiency during intrauterine and early postnatal life on DNA synthesis in liver and brain of rats] Fábrega I, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):321–32 (Eng. Abstr.) **(Spa)**

DIAGNOSTIC USE

Comparison of iodine- and fluorescein-labeled monoclonal antibodies for detection of Chlamydia trachomatis inclusions in cells grown in glass vials. Wilson DJ, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):17–22

Merthiolate iodine formaldehyde test for detection of intestinal parasites. Bhandari B, et al. **Indian Pediatr** 1984 Oct;21(10):803–6

Iodination of myofibrils and myosin. Turner RC, et al. **J Muscle Res Cell Motil** 1984 Dec;5(6):665–76

[Clinicopathological studies on esophageal cancer using iodine-stained preparations--with special reference to the secondary lesions of resected specimens] Suenaga H. **Igaku Kenkyu** 1984 Mar;54(2):186–202 (Eng. Abstr.) **(Jpn)**

[Correlation between ERPF and retention function on 131I-OIH renogram] Maeda M, et al. **Kaku Igaku** 1984 Oct;21(10):1285–92 (Eng. Abstr.) **(Jpn)**

[A new method of vital staining of the conduction system] Ishii K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr; 33(4):467–76 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

3'-Monoiodothyronine degradation in rat liver homogenate: enzyme characteristics and documentation of deiodination by high-pressure liquid chromatography. Smallridge RC, et al. **Metabolism** 1984 Nov;33(11):1034–8

METABOLISM

Biosynthesis and regulation of iodolipids in calf thyroid. Chazenbalk GD, et al. **Acta Endocrinol (Copenh)** 1985 Jan; 108(1):72–8

Changes in thyroxine monodeiodination in rat liver, kidney and placenta during pregnancy. Yoshida K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):495–9

Thyroid hormone synthesis and thyroglobulin iodination related to the peroxidase localization of oxidizing equivalents: studies with cytochrome c peroxidase and horseradish peroxidase. Deme D, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):559–66

Forskolin and 12-0-tetradecanoylphorbol-13-acetate mimic thyrotropin-stimulated protein iodination in mouse thyroid. Levasseur S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):858–63

TSH stimulation of iodine organification in early foetal rat thyroid in vitro. Pic P, et al. **Biol Cell** 1984;51(1):105–8

Relationship between serum thyroglobulin and intrathyroidal stable iodine in human simple goitre. Unger J, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):1–6

Uptake and distribution of radioiodine, and the effect of ambient nitrate, in some fish species. Lahti E, et al. **Comp Biochem Physiol [A]** 1985;80(3):337–42

Localization of iodine binding in the thyroid gland in vitro. Ekholm R, et al. **Endocrinology** 1984 Oct;115(4):1558–67

Thiocyanate feeding with low iodine diet causes chronic iodine retention in thyroids of mice. van Middlesworth L. **Endocrinology** 1985 Feb;116(2):665–70

Mechanism of enzymatic and non-enzymatic tyrosine iodination. Inhibition by excess hydrogen peroxide and/or iodide. Huwiler M, et al. **Eur J Biochem** 1985 Mar 15; 147(3):469–76

Ultrastructural demonstration of iodine binding and peroxidase activity in the endostyle of Oikopleura dioica (Appendicularia). Fredriksson G, et al. **Gen Comp Endocrinol** 1985 May;58(2):319–27

Iodine binding in the endostyle of larval Branchiostoma lanceolatum (Cephalochordata). Fredriksson G, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):177–84

Tyrosine residues of bovine thyrotropin. Accessibility to iodination in the intact hormone and isolated subunits. Strickland TW, et al. **Int J Pept Protein Res** 1984 Oct; 24(4):328–36

131I uptake in human thyroid after antidote treatment for mixed fission products contamination. Simonović I, et al. **Int J Radiat Biol** 1984 Oct;46(4):459–62

Short and long term effects of radioiodine treatment on the iodine content of the thyroid gland. Schlumberger M, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):893–8

Prolonged iodine clearance with a depletion regimen for thyroid carcinoma: concise communication. Maruca J, et al. **J Nucl Med** 1984 Oct;25(10):1089–93

Transfer of gaseous iodine to Tradescantia. Nakamura Y, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):251–9

Thyroxine deiodination, cytoplasmic distribution and nuclear binding of thyroxine and triiodothyronine in liver and brain of young and aged rats. Margarity M, et al. **Mech Ageing Dev** 1985 Feb;29(2):181–9

Iodide excretion in a salt-restriction trial. Simpson FO, et al. **NZ Med J** 1984 Dec 26;97(770):890–3

Biologically available iodine in goitrogenic diets. Van Middlesworth L. **Proc Soc Exp Biol Med** 1985 Apr; 178(4):610–5

Fine structural aspects of the black thyroid induced by minocycline, and the effects of a low iodine diet, propylthiouracil, thyroxine tablet and TSH, on the black discoloration of the rat thyroid. Kurosumi M, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):219–27

[Kinetic study of the distribution of stable iodine and radioiodine in the thyroid vesicle and cell using analytical ionic microscopy] Larras-Regard E, et al. **C R Acad Sci [III]** 1985;301(6):329–34 (Eng. Abstr.) **(Fre)**

[Iodine resorption from PVP-iodine preparations after their use in humans] Glöbel B, et al. **Dtsch Med Wochenschr** 1984 Sep 14;109(37):1401–4 (Eng. Abstr.) **(Ger)**

[Changes in iodine metabolism in patients with burns treated topically with PVP-iodine] Bugyi S, et al. **Unfallchirurgie** 1985 Apr;11(2):58–64 (Eng. Abstr.) **(Ger)**

[Effect of cryopreservation of thyroid parenchyma on iodoamino acid composition of thyroglobulin and its iodination] Turakulov IaKh, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):29–31 (Eng. Abstr.) **(Rus)**

[Functional activity of the thyroid gland and distribution of its hormones in peripheral tissues under experimental liver disease] Fabri ZI, et al. **Ukr Biokhim Zh** 1985 Mar–Apr; 57(2):84–7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Studies on the mechanism of acute inhibition of thyroglobulin hydrolysis by iodine. Bagchi N, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):511–7

In vitro inhibitory effects of an iodinated derivative of arachidonic acid on calf thyroid. Chazenbalk GD, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):367–73

The effect of chemical modification of Saccharomyces cerevisiae on electrophoretic mobility, cell-wall structure and amphotericin B uptake. Ellul H, et al. **Biochim Biophys Acta** 1985 May 30;845(2):151–7

Oxidative stress of human erythrocytes by iodate and periodate. Reversible formation of aqueous membrane pores due to SH-group oxidation. Heller KB, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):107–16

Effects of chlorhexidine, iodine, and 5,7-dichloro-8-hydroxyquinoline on the bacterial composition of rat plaque in vivo. Schaeken MJ, et al. **Caries Res** 1984;18(5):440–6

Effect of chlorhexidine and iodine on the composition of the human dental plaque flora. Schaeken MJ, et al. **Caries Res** 1984;18(5):401–7

Morphological and functional changes during thyroid hyperplasia and involution in C3H mice: effects of iodine and 3,5,3'-triiodothyronine during involution. Many MC, et al. **Endocrinology** 1985 Feb;116(2):798–806

Influence of phytogenic substances with thyreostatic effects in combination with iodine on the thyroid hormones and somatomedin level in pigs. Jahreis G, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):183–90

Efficacy evaluation of two new teat dip formulations under experimental challenge. Pankey JW, et al. **J Dairy Sci** 1985 Feb;68(2):462–5

Effect of automatic backflushing on number of new intramammary infections, bacteria on teatcup liners, and milk iodine. Smith TW, et al. **J Dairy Sci** 1985 Feb; 68(2):424–32

Efficacy of low-concentration iodophors for germicidal hand washing. Stiles ME, et al. **J Hyg (Lond)** 1985 Jun; 94(3):269–77

Effects of iodine and thyroid hormone in ameliorating rickets on Steenbock diet. Shimazaki M, et al. **Osaka City Med J** 1984 Dec;30(2):113–23

[Pharmacologic sensitivity of the photopic c wave in the electroretinogram of the chicken. II. Effects of sodium iodate and general anesthesia] Wioland N, et al. **C R Acad Sci [III]** 1984;299(19):799–804 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

[Experimental studies on the extrathyroidal effects of iodine with special reference to their use in balneology] Winkler R. **Wien Med Wochenschr [Suppl]** 1984;84:1–30 (159 ref.) **(Ger)**

SECRETION

Thyroid morphological and functional heterogeneity: impact on iodine secretion. Penel C, et al. **Gen Physiol Biophys** 1985 Feb;4(1):55–68

SUPPLY & DISTRIBUTION

[The supply of iodine in the province of Vorarlberg]

Fritzsche H, et al. **Wien Med Wochenschr** 1985 Feb 28; 135(4):97-100 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Thyroid carcinoma and thyroiditis in an endemic goitre region before and after iodine prophylaxis. Harach HR, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):55-60

Controlled trial of Iodosorb in chronic venous ulcers. Ormiston MC, et al. **Br Med J [Clin Res]** 1985 Aug 3; 291(6491):308-10

Therapy of endemic goitre: controlled study on the effect of iodine and thyroxine. Hintze G, et al. **Horm Metab Res** 1985 Jul;17(7):362-5

Comparison of blood serum iodine levels with use of Iodoplex and povidone iodine ointment. Notea E, et al. **J Trauma** 1985 Mar;25(3):247-9

A comparative study of the short therapeutic effect of amiodarone and iodine on Graves' thyrotoxicosis. Jeng CY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec; 83(12):1238-46

[Effect of iodized salt on the prevention and treatment of infantile hypothyroidism] **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):345-7 (Eng. Abstr.) **(Chi)**

[Cadexomer iodine: local single-drug therapy of leg ulcers. Study in 45 ambulatory patients] Elbaz C, et al. **Phlebologie** 1985 Apr-Jun;38(2):367-71 **(Fre)**

[Experience in using iodobromine water and therapeutic mud in the therapy of menstrual cycle disorders of inflammatory origin] Keshokova MP. **Akush Ginekol (Mosk)** 1985 Mar; (3):58 **(Rus)**

[Treatment of Sweet's syndrome using potassium iodate (letter)] Herrero C, et al. **Med Clin (Barc)** 1985 Feb 9; 84(5):209 **(Spa)**

TOXICITY

[Effects of sodium iodate, iodoacetic acid and ethambutol on electroretinogram and visual evoked potential in rats] Sato S, et al. **J Toxicol Sci** 1984 Nov;9(4):389-99 (Eng. Abstr.) **(Jpn)**

[A electrophysiological method for evaluation of the retinal toxicity of drug] Chou A, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1350-6 (Eng. Abstr.) **(Jpn)**

URINE

Influence of the HLA-DR4 antigen and iodine status on the development of autoimmune postpartum thyroiditis. Jansson R, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):168-73

[Determination of trace iodine in the urine] Sun YX. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):304-5 **(Chi)**

IODINE RADIOISOTOPES

High-performance liquid chromatography of iodine-labeled insulin and glucagon derivatives with on-line gamma-detection. Pingoud V, et al. **Anal Biochem** 1984 Aug 1;140(2):305-14

Radioiodination of naturally occurring phospholipids. Antonov PA, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):408-10

Derivatives of cyclosporin compatible with antibody-based assays: I. The generation of [125I]-labeled cyclosporin. Mahoney WC, et al. **Clin Chem** 1985 Mar;31(3):459-62

Comparison of the distribution and binding of monoclonal antibodies labeled with 131-iodine or 111-indium. Buchsbaum D, et al. **Eur J Nucl Med** 1985; 10(9-10):398-402

The effect of radioactive iodine on brain acetylcholine and serotonin in normal and stress subjected rats. Hasan SS, et al. **Folia Biol (Krakow)** 1984;32(3):201-08

The processing of whole milk powder from milk contaminated with 131I and its consequences for the environment. Mogot MF, et al. **Health Phys** 1984 Oct; 47(4):644-8

The synthesis of [36Cl]-, [82Br]- and [123I]-labelled 1-(3'-chloro-(bromo and iodo)-3'-deoxy-beta-D-arabinofuranosyl)uracil. Lee YW, et al. **Int J Appl Radiat Isot** 1984 Nov;35(11):1053-6

Production of high specific activity 123I for protein iodination for medical use. Legoux Y, et al. **Int J Appl Radiat Isot** 1985 Jan;36(1):63-7

Synthesis of 131I, 125I and 82Br labelled (E)-5-(2-halovinyl)-2'-deoxyuridines. Samuel J, et al. **Int J Appl Radiat Isot** 1984 Nov;35(11):1049-52

Electrophilic iodination of aromatic rings. Eckelman WC, et al. **Int J Nucl Med Biol** 1984;11(2):163-6

Production of 123I as iodide by distillation. Qureshi MA, et al. **Int J Nucl Med Biol** 1985;12(1):57-8

Iodine-125 induced micronuclei and sperm head abnormalities in mice. Lavu S, et al. **Int J Radiat Biol** 1985 Mar;47(3):249-53

Hypochlorite radioiodination of parathyroid peptides (hPTH1-34, [Tyr43]hPTH44-68). Orwoll E, et al. **J Lab Clin Med** 1985 Feb;105(2):247-53

Effects of alkyl and aryl substitution on the myocardial specificity of radioiodinated phosphonium, arsonium, and ammonium cations. Srivastava PC, et al. **J Med Chem** 1985 Jul;28(7):901-4

Effects of characteristic x-rays on assay of I-123 by dose calibrator. Harris CC, et al. **J Nucl Med** 1984 Dec; 25(12):1367-70

Radioiodine- 125 in biomedicine: 1959-1984. Myers WG. **J Nucl Med** 1984 Dec;25(12):1389-91

A rapid separation of A14-125I-insulin from heterogeneous iodination mixtures by high performance liquid chromatography (HPLC). Marchetti P, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):31-4

Exposure contribution from Ti K x rays produced in the titanium capsule of the clinical I-125 seed. Kubo H. **Med Phys** 1985 Mar-Apr;12(2):215-20

Comparison of two independent exposure measurement techniques for clinical I-125 seeds. Kubo H. **Med Phys** 1985 Mar-Apr;12(2):221-4

Response of LiF powder to 125I photons. Weaver KA. **Med Phys** 1984 Nov-Dec;11(6):850-4

Chemical and biological consequences of the radioactive decay of iodine-125 in plasmid DNA. Linz U, et al. **Radiat Res** 1985 Feb;101(2):262-78

Inhomogeneity of the nucleus to 125IUdR cytotoxicity. Yasui LS, et al. **Radiat Res** 1985 Apr;102(1):106-18

Thyroid cancer after exposure to radioiodine. Holm LE. **Strahlenschutz Forsch Prax** 1985;25:36-56 (66 ref.)

[Leakage of gaseous 125I from a Na125I solution through a plastic film] Tanaka Y. **Radioisotopes** 1984 Sep; 33(9):629-31 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Treatment of hyperthyroidism with standard doses of radioiodine aiming at ablation. Eriksson E, et al. **Acta Med Scand** 1985;217(1):55-60

Encapsulated iodine-125 in radiation oncology. II. Study of the dose rate effect on potentially lethal damage repair (PLDR) using mammalian cell cultures in plateau phase. Marchese MJ, et al. **Am J Clin Oncol** 1984 Dec;7(6):613-6

Encapsulated iodine-125 in radiation oncology. I. Study of the relative biological effectiveness (RBE) using low dose rate irradiation of mammalian cell cultures. Marchese MJ, et al. **Am J Clin Oncol** 1984 Dec;7(6):607-11

Antibody guided irradiation of brain glioma by arterial infusion of radioactive monoclonal antibody against epidermal growth factor receptor and blood group A antigen. Epenetos AA, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1463-6

Endolymphatic radiotherapy in malignant lymphomas. A clinical evaluation of 285 patients. Bonadonna G, et al. **Cancer** 1968 Oct;22(4):885-98

Follow-up of compensated low-dose 131I therapy of Graves' disease [letter] **N Engl J Med** 1984 Dec 20;311(25):1635-7

Radiation brain damage induced by interstitial 125I sources: a canine model evaluated by quantitative computed tomography. Fike JR, et al. **Neurosurgery** 1985 Apr; 16(4):530-7

ADVERSE EFFECTS

Induction of hyperparathyroidism by radioactive iodine. Rosen IB, et al. **Am J Surg** 1984 Oct;148(4):441-5

Criteria for the administration of KI for thyroid blocking of radioiodine. Meck RA, et al. **Health Phys** 1985 Feb; 48(2):141-57 (34 ref.)

The effects of permanent I-125 interstitial implantation on cortical bone. Mandell L, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1029-34

Sialadenitis following iodine-131 therapy for thyroid carcinoma [letter] **J Nucl Med** 1985 Jul;26(7):816-7

Vocal cord paralysis following I-131 ablation of a postthyroidectomy remnant. Lee TC, et al. **J Nucl Med** 1985 Jan;26(1):49-50

Radiation therapy in carcinoma of the prostate: a contributing cause of urinary incontinence. Kaufman JJ, et al. **J Urol** 1984 Nov;132(5):998-9

Radioactive iodine and testicular damage [letter] Ahmed SR, et al. **N Engl J Med** 1984 Dec 13;311(24):1576

Gonadal damage due to radioactive iodine (I131) treatment for thyroid carcinoma. Ahmed SR, et al. **Postgrad Med J** 1985 Apr;61(714):361-2

A case of chronic myelogenous leukemia following I131 therapy for metastatic thyroid carcinoma. Torng JK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):730-5

[Side effects of 131 iodine therapy in hyperthyroidism] Bouillon R, et al. **Acta Clin Belg** 1984;39(5):296-305 (48 ref.) (Eng. Abstr.) **(Dut)**

[Leakage and handling of radioiodine on radioiodination] Tanaka Y, et al. **Seikagaku** 1984 Dec;56(12):1522-6 **(Jpn)**

ANALYSIS

Determination of iodine-131 at low concentrations in formaldehyde-preserved milk. To KC, et al. **Anal Chem** 1985 Jun;57(7):1490-2

Iodine-129 in mammalian thyroids in the Federal Republic of Germany. Aumann DC, et al. **Health Phys** 1985 Sep; 49(3):495-8

Residence half-times of 129I in undisturbed surface soils based on measured soil concentration profiles. Boone FW, et al. **Health Phys** 1985 Apr;48(4):401-13

The origin of I in soil and the 129I problem. Cohen BL. **Health Phys** 1985 Aug;49(2):279-85

Rabbit thyroids for environmental monitoring [letter] Goldin AS. **Health Phys** 1984 Sep;47(3):493-6

Investigation of charcoal filters used in monitoring airborne radioactive I. Langhorst SM, et al. **Health Phys** 1985 Mar; 48(3):344-7

In-vitro monitoring of salivary 125I. Nishizawa K, et al. **Health Phys** 1985 Aug;49(2):290-5

Thyroid burdens of 125I in laboratory workers [letter] Smith T, et al. **Health Phys** 1985 Jun;48(6):813-4

Iodine-129 in ovine thyroids from England. Van Middlesworth L. **Health Phys** 1984 Sep;47(3):488-90

A simple method to quantitate iodine-124 contamination in iodine-123 radiopharmaceuticals. Palmer DW, et al. **J Nucl Med** 1985 Aug;26(8):936-40

[Errors in 131I assay by band integral counting with a mock iodine standard source] Fukano S. **Radioisotopes** 1985 Mar; 34(3):159-61 **(Jpn)**

[Incineration system for the disposal of 125I-radioimmunoassay test tube wastes--confirmation of 125I decay in wastes] Naba K, et al. **Radioisotopes** 1985 Jan;34(1):15-22 (Eng. Abstr.) **(Jpn)**

[Quantitative measurement of 125I with NaI(Tl) scintillation survey meter] Nishizawa K. **Radioisotopes** 1985 Feb; 34(2):78-82 (Eng. Abstr.) **(Jpn)**

[Leakage of radioactive iodine from the contaminated floor of a radioiodination room] Tanaka Y, et al. **Radioisotopes** 1984 Oct;33(10):721-4 **(Jpn)**

[Leakage of gaseous 125I during radioiodination using Na125I] Tanaka Y, et al. **Radioisotopes** 1984 Oct; 33(10):699-701 (Eng. Abstr.) **(Jpn)**

DIAGNOSTIC USE

Skin perfusion pressure measured by radioisotope washout for predicting wound healing in lower limb amputation for arterial occlusive disease. Holstein PE. **Acta Orthop Scand [Suppl]** 1985;213:1-47

Direct application of radioiodinated aminoacyl tRNA for radiolabeling nascent proteins. Scherberg NH, et al. **Anal Biochem** 1985 Jun;147(2):503-10

Preparation and characterization of radioactive monoiodotyrosine and diiodotyrosine derivatives of parathyroid hormone. Zull JE, et al. **Anal Biochem** 1984 Jul;140(1):214-22

Radioimmunodetection of gliomas by administration of radiolabelled monoclonal antibodies. Experimental data. Stavrou D, et al. **Anticancer Res** 1985 Mar-Apr;5(2):147-56

Measurement of 125I-LDL entry into ballooned rabbit aorta using average plasma value. Alavi M, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):413

A novel approach for the study of thromboxane A2 and prostaglandin H2 receptors using an 125I-labeled ligand. Halushka PV, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1165-70

16 alpha-Iodo-testosterone: chemical synthesis and evaluation as a potential radiopharmaceutical. Symes EK, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3173-8

123I radioiodinated antibody imaging of occult ovarian cancer. Epenetos AA, et al. **Cancer** 1985 Mar 1;55(5):984-7

Radiolabelled peanut lectin for the scintigraphic detection of cancer. Holt S, et al. **Cancer Lett** 1984 Nov;25(1):55-60

Imaging with 131I-labeled monoclonal antibodies to a high-molecular-weight melanoma-associated antigen in patients with melanoma: efficacy of whole immunoglobulin and its F(ab')2 fragments. Buraggi GL, et al. **Cancer Res** 1985 Jul;45(7):3378-87

[125I]Aminobenzyladenosine, a new radioligand with improved specific binding to adenosine receptors in heart. Linden J, et al. **Circ Res** 1985 Feb;56(2):279-84

Metabolic fate of radioiodinated heptadecanoic acid in the normal canine heart. Visser FC, et al. **Circulation** 1985 Sep; 72(3):565-71

The I-131 rose bengal excretion test is not dead. Antico VF, et al. **Clin Nucl Med** 1985 Mar;10(3):171-2

Iofetamine HCl I-123 (Iodoamphetamine) brain SPECT atlas. Falls M, et al. **Clin Nucl Med** 1985 Jun;10(6):443-9

Scintigraphic visualization of human malignant melanoma with N-isopropyl-P-[I-123] iodoamphetamine. Wada M, et al. **Clin Nucl Med** 1985 Jun;10(6):415-7

Total-body scintigraphy with 131I-meta-iodobenzylguanidine for detection of neuroblastoma. Hoefnagel CA, et al. **Diagn Imag Clin Med** 1985;54(1):21-7

Do iodinated fatty acids undergo a nonspecific deiodination in the myocardium? Cuchet P, et al. **Eur J Nucl Med** 1985; 10(11-12):505-10

In vivo imaging of the human thyroid with a positron camera using 124I. Frey P, et al. **Eur J Nucl Med** 1985; 10(9-10):472-6

131I uptake in a benign serous cystadenoma of the ovary. Kim EE, et al. **Eur J Nucl Med** 1984;9(9):433-5

Dose-dependent change in tissue uptake of 17 beta-(16 alpha-[125I]iodo)-estradiol in female rats: application to external imaging of mammary carcinoma. Noguchi S, et al. **Eur J Nucl Med** 1984;9(11):490-3

[125I] radioiodinated metaraminol: a new platelet-specific labeling agent. Ohmomo Y, et al. **Eur J Nucl Med** 1985; 10(5-6):269-75

omega-123I-hexadecanoic acid metabolic probe of cardiomyopathy. Rabinovitch MA, et al. **Eur J Nucl Med** 1985;10(5-6):222-7

Detection of thyroid tumour using a monoclonal 123I anti-human thyroglobulin antibody. Shepherd PS, et al. **Eur J Nucl Med** 1985;10(7-8):291-5

In vivo localization of radioiodinated peanut lectin in a murine TA3/Ha mammary carcinoma model. Shysh A, et al. **Eur J Nucl Med** 1985;10(1-2):68-74

Immunoscintigraphy and distribution study of experimental tumours using 131I-labelled anti-fibrinogen antibodies. Svihovcová P, et al. **Eur J Nucl Med** 1984;9(10):478-81

Scintigraphic localization of a disseminated malignant pheochromocytoma with the use of 131I-meta-iodobenzylguanidine. Troncone L, et al. **Eur J Nucl Med** 1984;9(9):429-32

Diagnosis-specific serum 17 beta-estradiol (E2) upper limits for treatment with menotropins using a 125I direct E2 assay. Haning RV Jr, et al. **Fertil Steril** 1984 Dec; 42(6):882-9

Tumor uptake of radiolabelled pyrimidine bases and pyrimidine nucleosides in animal models: VI. 1-(3'-[36Cl]-chloro-, 1-(3'-[82Br]-bromo- and 1-(3'-[123I]-Iodo-3'-deoxy-beta-D-arabinofuranosyl)urac Lee YW, et al. **Int J Appl Radiat Isot** 1984 Nov; 35(11):1057-61

Radioimmunodetection of murine mammary adenocarcinoma (TA3/Ha) lung and liver metastases with radioiodinated PNA. Shysh A, et al. **Int J Cancer** 1985 Jan 15;35(1):113-9

In vivo and in vitro characteristics of the N-methyl derivative of [125I]3-quinuclidinyl 4-iodobenzilate. Gibson RE, et al. **Int J Nucl Med Biol** 1984;11(2):167-9

Radioiodinated prolactin as a potential mammary tumor localizing agent. Shani J, et al. **Int J Nucl Med Biol** 1984; 11(2):149-52

Radioimmunodetection of a transplantable human bladder carcinoma in a nude mouse. Gross MD, et al. **Invest Radiol** 1984 Nov-Dec;19(6):530-4

Comparison of iodobenzylguanidine imaging with computed tomography in locating pheochromocytoma. Chatal JF, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):769-72

Cell-surface modification with an iodinatible imidoester to enhance radiolabeling. Wall KA, et al. **J Immunol Methods** 1985 Feb 28;77(1):1-8

Thallium-201 diethyldithiocarbamate: an alternative to iodine-123 N-isopropyl-p-iodoamphetamine. de Bruine JF, et al. **J Nucl Med** 1985 Aug;26(8):925-30

Use of 3-quinuclidinyl 4-iodobenzilate as a receptor binding radiotracer. Eckelman WC, et al. **J Nucl Med** 1985 Jun: 26(6):637-42

Thyroid uptake and imaging with iodine-123 at 4-5 hours: replacement of the 24-hour iodine-131 standard. Floyd JL, et al. **J Nucl Med** 1985 Aug;26(8):884-7

Iodine-131 metaiodobenzylguanidine scintigraphy for the location of neuroblastoma: preliminary experience in ten cases. Geatti O, et al. **J Nucl Med** 1985 Jul;26(7):736-42

Radiation dosimetry of radioiodinated thyroid hormones. Hays MT. **J Nucl Med** 1985 Sep;26(9):1068-74

Radioimmunoscintigraphy of human colon cancer xenografts in mice with radioiodinated monoclonal antibody B72.3. Keenan AM, et al. **J Nucl Med** 1984 Nov;25(11):1197-203

Iodine-131 metaiodobenzylguanidine for the locating of suspected pheochromocytoma: experience in 400 cases. Shapiro B, et al. **J Nucl Med** 1985 Jun;26(6):576-85

Metastatic medullary thyroid cancer: localization with iodine-131 metaiodobenzylguanidine. Sone T, et al. **J Nucl Med** 1985 Jun;26(6):604-8

Regional quantitative noninvasive assessment of cerebral perfusion and function with N-isopropyl-[123I]p-iodoamphetamine. von Schulthess GK, et al. **J Nucl Med** 1985 Jan;26(1):9-16

I-131 total-body scan: localization of disseminated gastric adenocarcinoma. Case report and survey of the literature. Wu SY, et al. **J Nucl Med** 1984 Nov;25(11):1204-9

Pancreas accumulation of radioiodinated HIPDM in mice and rats. Yamamoto K, et al. **J Nucl Med** 1985 Jul; 26(7):765-9

131I total body scan and serum thyroglobulin assay in the follow-up of surgically treated patients affected by differentiated thyroid carcinoma. Panza N, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):9-12

A new method of identifying pheochromocytoma and proving that a 'mass' is a 'pheo' [editorial] Beierwaltes WH. **J Urol** 1985 Jul;134(1):105

Renal parenchymal appearance on 123iodine-hippurate renoscintigrams and excretory urograms. Nielsen JB, et al. **J Urol** 1985 Feb;133(2):179-82

Usefulness of scintigraphic imaging using 131iodine-metaiodobenzylguanidine in localization of asymptomatic pheochromocytoma. Yazaki T, et al. **J Urol** 1985 Jul;134(1):107-9

Iodobenzylguanidine for location and treatment of phaeochromocytoma [editorial] **Lancet** 1984 Oct 20; 2(8408):905-7

131I-MIBG and medullary carcinoma of the thyroid [letter] Connell JM, et al. **Lancet** 1984 Dec 1;2(8414):1273-4

Variability of cerebral blood flow defects in Alzheimer's disease on 123iodo-isopropyl-amphetamine and single photon emission tomography. Derouesne C, et al. **Lancet** 1985 Jun 1;1(8440):1282

Single photon emission tomography with 123I-isopropylamphetamine in Alzheimer's disease and multi-infarct dementia [letter] Gemmell HG, et al. **Lancet** 1984 Dec 8;2(8415):1348

Immunoscintigraphy for detection of lymph node metastases from breast cancer. Thompson CH, et al. **Lancet** 1984 Dec 1;2(8414):1245-7

Use of 131I-MIBG scintigraphy in the evaluation of suspected pheochromocytoma. Swensen SJ, et al. **Mayo Clin Proc** 1985 May;60(5):299-304

Scintiscanning in the management of phaeochromocytoma [letter] Edis AJ, et al. **Med J Aust** 1984 Dec 8-22; 141(12-13):901

131I-MIBG and phaeochromocytoma [letter] Gough IR. **Med J Aust** 1985 Mar 4;142(5):330

The statistical analysis of distribution of blood deposits in arterial prostheses after short-term exposure to reduced blood flow in dogs: a computerized study using radioisotopes. Bernier JM, et al. **Med Prog Technol** 1985; 10(4):183-99

Iodination by thyroid peroxidase. Neary JT, et al. **Methods Enzymol** 1984;107:445-75

An evaluation of different methods for labelling the surface of the filarial nematode Brugia pahangi with 125iodine. Marshall E, et al. **Mol Biochem Parasitol** 1985 Jun; 15(3):295-304

131I-labelled tumour-specific antibodies: trial to concentrate radioisotopes specifically in tumours. 3. Improved radioimaging and tumour localization in nude mice with a monoclonal anti-CEA antibody by preincubation of labelled antibody with syngeneic spleen cells. (A rapid communication). Makidono R, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):388-92

123I-Amphetamine single photon emission computed (SPECT) tomography versus 133Xe dynamic SPECT: preliminary results. Buell U, et al. **Nucl Med Commun** 1984 Jul;5(7):439-49

Acute uptake and chronic retention of infarct avid myocardial-seeking agents: 99Tcm-pyrophosphate and 125I-phenylphosphate. Castronovo FP Jr, et al. **Nucl Med Commun** 1984 Oct;5(10):647-54

Potential application of 4-iodoantipyrine 123I and a portable detector in the determination of hepatic drug-oxidizing enzyme activities. Champailler A, et al. **Nucl Med Commun** 1984 Sep;5(9):551-7

The synthesis and evaluation of radioiodinated 14-(iodophenyl)-3-(R,S)methyltetradecanoic acid. Elmaleh DR, et al. **Nucl Med Commun** 1985 May; 6(5):287-97

Ovarian cancer: diagnosis using 123I monoclonal antibody in comparison with surgical findings. Granowska M, et al. **Nucl Med Commun** 1984 Aug;5(8):485-99

Imaging of phaeochromocytoma and adrenal medulla with 123I-meta-iodobenzyl guanidine. Horne T, et al. **Nucl Med Commun** 1984 Dec;5(12):763-8

Hepatic uptake and fate of 123I-and 14C-fatty acids in normal and ethanolic mice. Shreeve WW, et al. **Nucl Med Commun** 1984 Aug;5(8):519-24

Recent developments in the field of 123I-radiopharmaceuticals. Machulla HJ, et al. **Nuklearmedizin** 1984 Jun;23(3):111-8 (44 ref.)

Myocardial uptake of iodinated free fatty acids and 201Tl in experimental ischemia. Westera G, et al. **Nuklearmedizin** 1984 Dec;23(6):321-5

Regional cerebral blood flow measured by xenon-133 and [123I]iodo-amphetamine in patients with cerebrovascular diseases. Henriksen L, et al. **Prog Brain Res** 1984;62:245-52

Two cases of primary isolated chylopericardium diagnosed by oral administration of 131I-triolein. Hamanaka D, et al. **Radiat Med** 1983 Jan-Mar;1(1):65-9

Use of I-131 labeled, murine Fab against a high molecular weight antigen of human melanoma: preliminary experience. Larson SM, et al. **Radiology** 1985 May; 155(2):487-92

A systematic approach to the preparation of 125I-labeled gastrointestinal regulatory peptides with high specific radioactivities. Burhol PG, et al. **Scand J Gastroenterol** 1985 May;20(4):466-9

The preparation of bioactive 125I-gastrin, using Iodo-gen as oxidizing agent, and the use of this tracer in receptor studies. Kleveland PM, et al. **Scand J Gastroenterol** 1985 Jun;20(5):569-76

Widespread distribution of brain dopamine receptors evidenced with [125I]iodosulpride, a highly selective ligand. Martres MP, et al. **Science** 1985 May 10; 228(4700):752-5

Radio-iodobenzylguanidine for the scintigraphic location and therapy of adrenergic tumors. McEwan AJ, et al. **Semin Nucl Med** 1985 Apr;15(2):132-53 (94 ref.)

131I-meta-iodobenzylguanidine scintigraphy of neuroblastomas. Munkner T. **Semin Nucl Med** 1985 Apr; 15(2):154-60

Potential tumor or organ-imaging agents, 24. Radioiodinated pregnenolone esters. Van Dort M, et al. **Steroids** 1984 Jul; 44(1):85-93

Cerebral blood flow studies using N-isopropyl I-123 p-iodoamphetamine. Kobayashi H, et al. **Stroke** 1985 Mar-Apr;16(2):293-6

Extra-adrenal and metastatic pheochromocytoma: the role of 131I meta-iodobenzylguanidine (131I MIBG) in localization and management. Thompson NW, et al. **World J Surg** 1984 Aug;8(4):605-11

[Detection of recurrence in patients with differentiated epithelioma of the thyroid] Schlumberger M, et al. **Ann Med Interne (Paris)** 1984;135(5):351-5 (Eng. Abstr.) **(Fre)**

[Cerebral tomoscintigraphy with N-isopropyl-p-I123-iodoamphetamine. Value in cerebral ischemic pathology] Cesaro P, et al. **Presse Med** 1985 Feb 2;14(4):205-8 (Eng. Abstr.) **(Fre)**

[Detection of venous thrombosis of the legs by the iodine 125-labeled fibrinogen test in thoracic surgery. Apropos of 140 surgically-treated cases] Gamondès JP, et al. **Rev Pneumol Clin** 1984;40(6):373-6 (Eng. Abstr.) **(Fre)**

[Visualization of malignant tumors in the abdomen using radiolabelled monoclonal antibodies] Pateisky N, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):623-6 (Eng. Abstr.) **(Ger)**

[Intraoperative localization of pheochromocytoma metastases using 131I-meta-benzylguanidine] Fasshauer H, et al. **Nuklearmedizin** 1984 Aug;23(4):203-5 **(Ger)**

[Use of 131I-meta-iodobenzylguanidine in pediatric oncology] Treuner J. **Nuklearmedizin** 1985 Feb;24(1):26-8 (Eng. Abstr.) **(Ger)**

[Animal experiments on the radiopharmacokinetics of endolymphatically administered 125I-liposomes for the diagnosis of regional lymph node tumors. 2] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):615-22 (Eng. Abstr.) **(Ger)**

[Animal experiments on the radiopharmacokinetics of 125I-liposomes following direct intralymphatic administration. 1] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):607-13 (Eng. Abstr.) **(Ger)**

[Double nuclide myocardial scintigraphy with thallium 201 and iodine 123-heptadecanoic acid--the possibilities in cardiological diagnosis] Müller KD, et al. **Radiologe** 1985 Feb;25(2):78-82 (Eng. Abstr.) **(Ger)**

[Metastatic differentiated thyroid cancer. Diagnostic accuracy of thyroglobulin-RIA in comparison with 131I-whole body scintigraphy] Reiners C, et al. **ROFO** 1984 Sep;141(3):306-13 (Eng. Abstr.) **(Ger)**

[Application and potentialities of brain scintigraphy with iodine 123-amphetamine] Eibach E, et al. **Rontgenpraxis** 1985 Feb;38(2):50-5 **(Ger)**

[Use of 125-I fibrinogen in the screening of postoperative deep vein thrombosis] Chiurazzi D, et al. **Minerva Med** 1984 Sep 22;75(36):2041-4 **(Ita)**

[Scintigraphy with 131I-metaiodobenzylguanidine in the differential diagnosis of pheochromocytoma] Cerasola G, et al. **Recenti Prog Med** 1985 Mar;76(3):143-8 (Eng. Abstr.) **(Ita)**

[Usefulness of T1-201 chloride and NaI-131 scintigraphy in detection of metastasis from thyroid carcinoma] Kusakabe K, et al. **Kaku Igaku** 1984 Aug;21(8):941-51 (Eng. Abstr.) **(Jpn)**

[Correlation between ERPF and retention function on 131I-OIH renogram] Maeda M, et al. **Kaku Igaku** 1984 Oct;21(10):1285-92 (Eng. Abstr.) **(Jpn)**

[Regional cerebral blood flow measurement using N-isopropyl-p-[123I] iodoamphetamine and rotating gamma camera emission computed tomography] Matsuda H, et al. **Kaku Igaku** 1985 Jan;22(1):9-18 (Eng. Abstr.) **(Jpn)**

[Regional cerebral blood flow changes during finger movement and reading aloud--comparison between N-isopropyl-p-[123I]iodoamphetamine intra-venous injection and 133Xe inhalation methods] Matsuda H, et al. **Kaku Igaku** 1984 Jul;21(7):859-65 (Eng. Abstr.) **(Jpn)**

[Regional cerebral blood flow measurement by N-isopropyl-p-(123I) iodoamphetamine] Matsuda H, et al. **Kaku Igaku** 1984 May;21(5):445-8 (Eng. Abstr.) **(Jpn)**

[Scintigraphic localization of metastatic pheochromocytoma by 131I-metaiodobenzylguanidine] Nishimura T, et al. **Kaku Igaku** 1985 Mar;22(3):393-7 **(Jpn)**

[Clinical evaluation of renal function study using I-123 orthoiodohippurate (I-123 OIH) in patients with obstructive uropathy] Okada J, et al. **Kaku Igaku** 1984 Jun; 21(6):697-703 (Eng. Abstr.) **(Jpn)**

[Experimental studies on the tumor imaging using antibodies to human alpha-fetoprotein. 1. Fluctuations in the iodine-labeled antibody activities] Sakahara H, et al. **Kaku Igaku** 1984 Jul;21(7):805-13 (Eng. Abstr.) **(Jpn)**

[Evaluation of STA-MCA anastomosis using N-isopropyl-p-[123I] iodoamphetamine brain imaging--a case report] Shiozaki H, et al. **Kaku Igaku** 1985 Feb; 22(2):229-32 **(Jpn)**

[A case of paraganglioma diagnosed by 131I-metaiodobenzyl guanidine (MIBG) scintigraphy] Kubo S, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1201-8 **(Jpn)**

[Clinical study of transient thyrotoxicosis with low radioactive iodine uptake] Kubo T, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):659-65 **(Jpn)**

[Localization of pheochromocytoma by I-131-metaiodobenzylguanidine] Yasuhara S, et al. **Nippon Rinsho** 1984 Aug;42(8):1942-6 **(Jpn)**

[Clinical evaluation of renal function study using 99mTc-DTPA--comparative study with 111In-DTPA and 123I-OIH] Honda M, et al. **Radioisotopes** 1984 Jul; 33(7):463-6 **(Jpn)**

[Scintigraphic localization of pheochromocytomas] Ohishi S, et al. **Rinsho Hoshasen** 1984 Sep;29(9):981-5 (Eng. Abstr.) **(Jpn)**

[Scintigraphy of medullary carcinoma of the thyroid by new radiopharmaceuticals] Tada J, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1043-4 **(Jpn)**

[Brain SPECT with N-isopropyl-p-123I-iodoamphetamine in cerebral infarction] Tanada S. **Rinsho Hoshasen** 1984 Oct;29(10):1141-2 **(Jpn)**

[Standardization of a double antibody radioimmunoassay technic for the determination of growth hormone in the rat plasma and pituitary] Achilles P, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):343-54 (Eng. Abstr.) **(Por)**

[Experimental evaluation of Bengal rose labeled with 123I] Volkov AA, et al. **Med Radiol (Mosk)** 1985 May; 30(5):66-70 (Eng. Abstr.) **(Rus)**

[Radioisotope test of liver function in patients with gastroduodenitis and peptic ulcer] Peleshchuk AP, et al. **Vrach Delo** 1985 Apr;(4):78-81 (Eng. Abstr.) **(Rus)**

[Gammagraphic localization of pheochromocytoma using 131I-meta-iodobenzoylguanidine (131I-MIBG) (letter)] Bellido CA, et al. **Rev Clin Esp** 1985 Jun;177(1):45 **(Spa)**

METABOLISM

Comparison of histology and immunohistochemistry with thyroglobulin serum levels and radioiodine uptake in recurrences and metastases of differentiated thyroid carcinomas. Dralle H, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):504-10

In vivo specific uptake of labeled insulin by turtle (Chrysemys dorbigni) thyroid gland. Marques M, et al. **Braz J Med Biol Res** 1984;17(1):65-74

Study of age dependent half-life of iodine in man: a reinforcement-depletion urn model. Bowman KO, et al. **Bull Math Biol** 1985;47(2):205-13

The radioactive wig in iodine-131 whole body imaging. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Aug; 9(8):454-5

Quantitative differences between the thyroid uptake of 123I and 99mTc. Siegel JA, et al. **Eur J Nucl Med** 1984; 9(11):494-8

Influence of pulmonary embolism on absorption of inhaled iodide-125. Dawson CA, et al. **J Appl Physiol** 1985 Apr; 58(4):1061-8

Destruction of acetylcholine receptor by decaying 125I-alpha-bungarotoxin. Schmidt J. **J Biol Chem** 1984 Nov 25;259(22):14033-7

Radioiodinated ligands for the estrogen receptor: effect of 3-o-methylation on tissue distribution. Franke LA, et al. **J Nucl Med** 1984 Oct;25(10):1116-21

Rapid clearance of iodine-131 MIBG from the heart and liver of patients with adrenergic dysfunction and pheochromocytoma. Nakajo M, et al. **J Nucl Med** 1985 Apr;26(4):357-65

Is 125I iothalamate an ideal marker for glomerular filtration? Odlind B, et al. **Kidney Int** 1985 Jan;27(1):9-16

THERAPEUTIC USE

I-125 implant and supervoltage irradiation for treatment of T0-2 or T3 carcinoma of the prostate. The impact of invasion beyond the prostatic capsule and minimal nodal involvement. Abadir R, et al. **Am J Clin Oncol** 1984 Dec; 7(6):713-7

Ablative radioiodine therapy for hyperthyroidism [letter] Wahlberg P. **Br Med J [Clin Res]** 1984 Nov 17; 289(6455):1381

Ablative radioiodine therapy for hyperthyroidism: a long term follow up study [letter] Young RE, et al. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):829

The advantages of subtotal thyroidectomy and suppression of TSH in the primary treatment of papillary carcinoma of the thyroid. Crile G Jr, et al. **Cancer** 1985 Jun 1; 55(11):2691-7

Experimental radiotherapy of murine lymphoma with 131I-labeled anti-Thy 1.1 monoclonal antibody. Badger CC, et al. **Cancer Res** 1985 Apr;45(4):1536-44

Specific killing of human melanoma cells by 125I-labeled 9.2.27 monoclonal antibody. Lindmo T, et al. **Cancer Res** 1985 Oct;45(10):5080-7

The indications for ablating normal thyroid tissue with 131I in differentiated thyroid cancer. Goolden AW. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):81-6 (25 ref.)

Medullary thyroid carcinoma with radioiodide transport. Effects of iodine-131 therapy and lithium administration. Michael BE, et al. **Clin Nucl Med** 1985 Apr;10(4):274-9

Long-term follow-up after iodine-131 treatment for Plummer's disease (autonomous goiter). Wiener JD. **Clin Nucl Med** 1985 Apr;10(4):256-9

Transcatheter embolization of renal tumors with I-125 particles. Lang EK. **Digitale Bilddiagn** 1984 Dec; 4(4):165-70

Radioiodine-131 treatment of thyrotoxicosis: dose required for and some factors affecting the early induction of hypothyroidism. Alevizaki CC, et al. **Eur J Nucl Med** 1985; 10(9-10):450-4

Effect of pretreatment with carbimazole on early outcome following radio-iodine (131I) therapy. Connell JM, et al. **Eur J Nucl Med** 1984;9(10):464-6

131-Iodine capsules in thyroid therapy: an individually controlled study of their uptake kinetics as compared to liquid 131-iodine. von Schulthess GK, et al. **Eur J Nucl Med** 1985;10(1-2):25-8

Contamination from therapeutic 131I capsules. Shearer DR, et al. **Health Phys** 1985 Jul;49(1):81-3

Therapeutic application of a radiolabelled monoclonal antibody in nude mice xenografted with human neuroblastoma: tumoricidal effects and distribution studies. Jones DH, et al. **Int J Cancer** 1985 Jun 15;35(6):715-20

Relative biological effectiveness of 125I sources in a murine brachytherapy model. Da Silva VF, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2109-11

125I vicryl suture implants as a surgical adjuvant in cancer of the head and neck. Goffinet DR, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):399-402

Tumor control with 125I seeds in childhood pelvic yolk sac tumor [letter] Mameghan H, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1227-8

Clinical problems associated with dosimetry of 125-iodine for cancer of the prostate. Abadir R, et al. **J Can Assoc Radiol** 1984 Sep;35(3):250-3

Management of hyperthyroidism in children and adolescents. Hamburger JI. **J Clin Endocrinol Metab** 1985 May; 60(5):1019-24

Pulmonary metastasis of differentiated thyroid carcinoma: treatment results in 101 patients. Samaan NA, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):376-80

Short and long term effects of radioiodine treatment on the iodine content of the thyroid gland. Schlumberger M, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):893-8

Iodine 125 suture implants in the management of advanced tumors in the neck attached to the carotid artery. Paryani SB, et al. **J Clin Oncol** 1985 Jun;3(6):809-12

An analysis of 'ablation of thyroid remnants' with I-131 in 511 patients from 1947-1984: experience at University of Michigan. Beierwaltes WH, et al. **J Nucl Med** 1984 Dec; 25(12):1287-93

Iodine-131-labeled diphosphonates for the palliative treatment of bone metastases: I. Organ distribution and kinetics of I-131 BDP3 in rats. Eisenhut M. **J Nucl Med** 1984 Dec;25(12):1356-61

Depletion regimens for radioiodine therapy of thyroid carcinoma [letter] Jackson G. **J Nucl Med** 1985 Aug; 26(8):962

Radioiodine therapy of hyperthyroidism: socioeconomic considerations [editorial] Spencer RP, et al. **J Nucl Med** 1985 Jun;26(6):663-5

Correlation of stress with outcome of radioiodine therapy for Graves' disease. Stewart T, et al. **J Nucl Med** 1985 Jun;26(6):592-9

Low-dose 131I in treatment of Graves' disease. Lowdell CP, et al. **J R Soc Med** 1985 Mar;78(3):197-202

Low dose 131I in treatment of Graves' disease [letter] Wilkin TJ. **J R Soc Med** 1985 Aug;78(8):695-6

Safety of 125iodine and 192iridium implants to the canine carotid artery: preliminary report. Fee WE Jr, et al. **Laryngoscope** 1985 Mar;95(3):317-20

Lung density effect on 125I dose distribution. Prasad SC, et al. **Med Phys** 1985 Jan-Feb;12(1):99-100

Tumor dose specification of I-125 seed implants. Wu A, et al. **Med Phys** 1985 Jan-Feb;12(1):27-31

Iodine-125 interstitial irradiation of virally induced dog brain tumours. Ostertag CB, et al. **Neurol Res** 1984 Dec; 6(4):176-80

Time course of thyroglobulin autoantibodies in patients with differentiated thyroid carcinoma after radioiodine therapy. Moser E, et al. **Nucl Med Commun** 1984 May;5(5):317-21

Iodine-125 irradiation of choroidal melanoma. Clinical experience. Packer S, et al. **Ophthalmology** 1984 Dec; 91(12):1700-8

Radioactive iodine-125 implantation for cancer of the prostate. Nag S. **Prostate** 1985;6(3):293-301

Radioiodine (I-131) treatment of hyperthyroidism and subsequent hypothyroidism. Sundram FX. **Singapore Med J** 1984 Oct;25(5):316-9

Therapeutic applications of Auger and alpha emitting radionuclides. Bloomer WD, et al. **Strahlentherapie** 1984 Dec;160(12):755-7 (17 ref.)

Treatment of malignant pheochromocytoma with a new radiopharmaceutical. Sisson J, et al. **Trans Assoc Am Physicians** 1983;96:209-17

Interstitial radiation: short-term palliation or curative therapy? Whitmore WF Jr, et al. **Urology** 1985 Feb;25(2 Suppl):24-9

[131I-therapy of Basedow's disease and nonimmunogenic hyperthyroidism] Hoeschel M, et al. **Nuklearmedizin** 1984 Jun;23(3):143-9 (Eng. Abstr.) **(Ger)**

[Lithium as an adjuvant in the radioiodine therapy of thyroid cancer] Schraube P, et al. **Nuklearmedizin** 1984 Jun; 23(3):151-4 (Eng. Abstr.) **(Ger)**

[Effectiveness of high-dosage radioiodine therapy in the elimination of remnant tissue following total thyroidectomy] Schümichen C, et al. **Nuklearmedizin** 1984 Oct;23(5):265-9 (Eng. Abstr.) **(Ger)**

[Nuclear medical therapy of pheochromocytoma] Fischer M, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1841-3 (Eng. Abstr.) **(Ger)**

[Therapy of differentiated thyroid carcinomas. Prospective study] Gemsenjäger E, et al. **Schweiz Med Wochenschr** 1985 Feb 2;115(5):153-9 (Eng. Abstr.) **(Ger)**

[Radioiodine therapy of differentiated thyroid cancer. 10-year results of a standardized therapy in 269 patients] Bubeck B, et al. **Strahlentherapie** 1984 Oct;160(10):594-9 (Eng. Abstr.) **(Ger)**

[Dose rate constant and radial dose function of an iodine 125 radiation source in various substances] Kuphal K, et al. **Strahlentherapie** 1985 Jul;161(7):414-20 (Eng. Abstr.) **(Ger)**

[Therapy of hyperthyroidism with Na 131I] Kakehi H, et al. **Kaku Igaku** 1984 Oct;21(10):1293-9 (Eng. Abstr.) **(Jpn)**

[Radioiodine therapy for lung and bone metastasis of differentiated thyroid cancer] Inagaki T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):518-24 (Eng. Abstr.) **(Jpn)**

[Computerized tomography in patients with Graves-Basedow disease treated with radioactive iodine (I-131)] Sowiński J, et al. **Endokrynol Pol** 1984;35(3):165-72 **(Pol)**

[Basis for the use of enclosed 125I sources for interstitial radiation therapy] Volkov AA, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):30-4 (Eng. Abstr.) **(Rus)**

[Thyroid function in thyrotoxicosis patients after radioiodine therapy] Sivachenko TP, et al. **Vrach Delo** 1984 Nov; (11):66-9 (Eng. Abstr.) **(Rus)**

[Interstitial radiotherapy of prostatic carcinoma using I-125] Garofalo FA, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:667-73 (Eng. Abstr.) **(Spa)**

[Gammagraphic localization of pheochromocytoma with (131I) meta-iodobencylguanidine] Carrió Soldevila J, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):23-4 (Eng. Abstr.) **(Spa)**

[131I: the definitive treatment of choice in diffuse toxic goiter (letter)] García-Luna PP, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):291-2 **(Spa)**

[Metabolic radiotherapy in differentiated carcinoma of the thyroid] Serena A, et al. **Rev Med Univ Navarra** 1984 Dec; 28(4):35-9 **(Spa)**

TOXICITY

Evaluation of radio- and chemotoxic effects of 125I-UdR on tumour growth and host survival. Porschen R, et al. **Radiat Environ Biophys** 1985;24(3):219-26

IODIPAMIDE

ANALOGS & DERIVATIVES

Experimental evaluation of iosefamate meglumine and its derivatives as hepatobiliary CT contrast agents. Seltzer SE, et al. **AJR** 1985 Jul;145(1):67-72

Effect of intravenously administered iodipamide ethyl ester particles on rat liver morphology. Lauteala L, et al. **Invest Radiol** 1984 Mar-Apr;19(2):133-41

IODIZED OILS

ADMINISTRATION & DOSAGE

Endolymphatic radiotherapy in malignant lymphomas. A clinical evaluation of 285 patients. Bonadonna G, et al. **Cancer** 1968 Oct;22(4):885-98

Selective targeting of anti-cancer drug and simultaneous image enhancement in solid tumors by arterially administered lipid contrast medium. Konno T, et al. **Cancer** 1984 Dec 1;54(11):2367-74

Clinical evaluation of arterial administration of SMANCS in oily contrast medium for liver cancer. Tashiro S, et al. **Jpn J Med** 1985 Feb;24(1):79-80

Antitumor effect of lipiodolized doxorubicin on VX2 carcinoma in rabbits. Furuta T, et al. **Jpn J Surg** 1985 Jan; 15(1):89-91

[Tumor-targeted chemotherapy with lipid contrast medium and macro molecular anticancer agents theoretical considerations and clinical outcome] Maeda H, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):773-82 (Eng. Abstr.) **(Jpn)**

[Preoperative chemo-embolization for treatment of hepatocellular carcinoma] Okamura J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1019-24 (Eng. Abstr.) **(Jpn)**

[Arterial administration of SMANCS and other antitumor agents dissolved in lipiodol for various malignant solid tumors] Konno T, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1151-6 (Eng. Abstr.) **(Jpn)**

[Portal vein embolization for hepatoma with lipiodol-fibrin adhesive mixture] Matsuoka T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1411-3 (Eng. Abstr.) **(Jpn)**

[Symposium on treatment of cancer. 4. Targeting chemotherapy using oily contrast medium for malignant solid tumor--a brief review] Tashiro S, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1601-6 (16 ref.) **(Jpn)**

ADVERSE EFFECTS

[Radiation dose to the lung following endolymphatic radionuclide therapy of melanoma of the lower limbs] Müller RP, et al. **Strahlentherapie** 1985 Jan;161(1):23-9 (Eng. Abstr.) **(Ger)**

[Paraneoplastic multicentric reticulohistiocytosis: induced and inductable by iodine containing x-ray contrast media] Bork K, et al. **Z Hautkr** 1985 May 1;60(9):729-36 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

Experimental data on the problem of specific hepatosplenography with radiodense lipomicrons. Schumacher KA, et al. **Eur J Radiol** 1985 Aug;5(3):167-74

Clinical evaluation of computed tomography images in esophageal cancer after submucosal injection of iodized oil. Tanaka Y, et al. **J Comput Tomogr** 1985 Apr;9(2):125-32

Interhepatic oily contrast material [letter] Kanematsu T, et al. **JAMA** 1984 Dec 14;252(22):3130

[Palliative embolization of kidney tumors using iodol-marked Ethibloc] Weber J, et al. **ROFO** 1984 Oct;141(4):384-9 (Eng. Abstr.) **(Ger)**

[Symposium: Progress in contrast media] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):25-44 **(Ita)**

[A new intravenous liposoluble contrast material for computed tomography of the liver. Experimental study of iodized emulsion in rabbits] Hori S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):988-91 (Eng. Abstr.) **(Jpn)**

[Lipiodol emulsion (Lip. (E)20) as a new contrast agent for selective visualization of the liver and spleen. Basic analysis and experimental studies in dogs by X-ray CT and ultrasound] Yoshida Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):735-7 (Eng. Abstr.) **(Jpn)**

[CT detection of daughter nodules in hepatocellular carcinoma after lipiodol infusion via the hepatic artery] Ohishi H, et al. **Rinsho Hoshasen** 1985 Feb;30(2):263-8 (Eng. Abstr.) **(Jpn)**

[Usefulness of computed tomography: submucosal injection of lipiodol in esophageal cancer] Tanaka Y, et al. **Rinsho Hoshasen** 1984 May;29(5):571-6 (Eng. Abstr.) **(Jpn)**

[Indirect contrast chromolymphography] Stukov AN, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):62-4 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[The effect of lymphography with an oily contrast medium on ventilatory and respiratory function] Bruna J, et al. **Cesk Radiol** 1984 Sep;38(5):328-33 (Eng. Abstr.) **(Cze)**

THERAPEUTIC USE

Prophylaxis and treatment of endemic goitre in Western Sudan with intramuscular iodized oil. Abdel-Wahab MM, et al. **Ann Trop Paediatr** 1984 Sep;4(3):159-64

Restoration of brain growth in fetal sheep after iodized oil administration to pregnant iodine-deficient ewes. Potter BJ, et al. **J Neurol Sci** 1984 Oct;66(1):15-26

[Computed tomography after administration of SMANCS-lipiodol to liver cancers] Maki S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1443-9 (Eng. Abstr.) **(Jpn)**

IODOACETAMIDE see under **IODOACETATES**

IODOACETATES

Metabolically derived aspartate--elevated extracellular levels in vivo in iodoacetate poisoning. Sandberg M, et al. **J Neurosci Res** 1985;13(4):489-95

METABOLISM

The effects of colchicine analogues on the reaction of tubulin with iodo[14C]acetamide and N,N'-ethylenebis(iodoacetamide). Roach MC, et al. **J Biol Chem** 1985 Mar 10;260(5):3015-23

PHARMACODYNAMICS

Iodoacetic acid inhibition of calcium-dependent potassium efflux in red blood cells. Plishker GA. **Am J Physiol** 1985 May;248(5 Pt 1):C419-24

Metallothionein content and zinc status in various tissues of rats treated with iodoacetic acid and zinc. Heilmaier HE, et al. **Arch Toxicol** 1985 Feb;56(4):247-51

Effects of diamide and iodoacetamide on the expression of the glycoprotein IIb/IIIa complex on blood platelets. Johnston GI, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):822-7

Effect of iodoacetic acid on maintenance of pancreatic endocrine cells of the neonatal rat. Shimizu S, et al. **Endocrinol Jpn** 1984 Jun;31(3):253-61

Effect of iodoacetate on local cerebral blood flow and glucose metabolism in cats: a double-radionuclide autoradiographic study. Tanaka K, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):290-4

TOXICITY

Marked epithelial hyperplasia of the rat glandular stomach induced by long-term administration of iodoacetamide. Shirai T, et al. **Acta Pathol Jpn** 1985 Jan;35(1):35-43

[Effects of sodium iodate, iodoacetic acid and ethambutol on electroretinogram and visual evoked potential in rats] Sato S, et al. **J Toxicol Sci** 1984 Nov;9(4):389-99 (Eng. Abstr.) **(Jpn)**

IODOBENZENES

[Oxidation of phenothiazine and its N-methyl derivative by the combination of iodobenzene and vanadium acetylacetonate] Pautet F, et al. **Pharmazie** 1985 Mar; 40(3):202-3 **(Fre)**

ADVERSE EFFECTS

Unusual cause of pulmonary emboli. Vitums VC. **Chest** 1984 Oct;86(4):639

ANALYSIS

[The improvement of solubility behavior of problem drugs. 2. Solubility behavior of slow dissolving products of iomeglamic acid and succinic acid] Fahr F, et al. **Pharmazie** 1985 Jan;40(1):60-1 **(Ger)**

[Improvement of the dissolution behavior of problem drugs. 3. X-ray diffraction measurement of iomeglamic acid/succinic acid solid dispersions] Fahr F, et al. **Pharmazie** 1985 Feb;40(2):127-8 **(Ger)**

[Improvement of the dissolution behavior of problem drugs. 4. Differential thermal analysis of iomeglamic acid-succinic acid embedding] Fahr F, et al. **Pharmazie** 1985 Apr; 40(4):270-1 **(Ger)**

CHEMICAL SYNTHESIS

[Improvement of the solubility of problem drugs. 1. Production of iomeglamic acid fused and solidified products] Fahr F, et al. **Pharmazie** 1985 Jun;40(6):408-9 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

[125I]Aminobenzyladenosine, a new radioligand with improved specific binding to adenosine receptors in heart. Linden J, et al. **Circ Res** 1985 Feb;56(2):279-84

Meta-iodobenzylguanidine in metastatic phaeochromocytoma. Stewart RJ, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):525-7

Total-body scintigraphy with 131I-meta-iodobenzylguanidine for detection of neuroblastoma. Hoefnagel CA, et al. **Diagn Imag Clin Med** 1985;54(1):21-7

Scintigraphic localization of a disseminated malignant pheochromocytoma with the use of 131I-meta-iodobenzylguanidine. Troncone L, et al. **Eur J Nucl Med** 1984;9(9):429-32

Comparison of iodobenzylguanidine imaging with computed tomography in locating pheochromocytoma. Chatal JF, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):769-72

Iodine-131 metaiodobenzylguanidine scintigraphy for the location of neuroblastoma: preliminary experience in ten cases. Geatti O, et al. **J Nucl Med** 1985 Jul;26(7):736-42

15(p-[123I]Iodophenyl)pentadecanoic acid as tracer of lipid metabolism: comparison with [1-14C]palmitic acid in murine tissues. Reske SN, et al. **J Nucl Med** 1984 Dec; 25(12):1335-42

Iodine-131 metaiodobenzylguanidine for the locating of suspected pheochromocytoma: experience in 400 cases. Shapiro B, et al. **J Nucl Med** 1985 Jun;26(6):576-85

Metastatic medullary thyroid cancer: localization with iodine-131 metaiodobenzylguanidine. Sone T, et al. **J Nucl Med** 1985 Jun;26(6):604-8

Pancreas accumulation of radioiodinated HIPDM in mice and rats. Yamamoto K, et al. **J Nucl Med** 1985 Jul; 26(7):765-9

A new method of identifying pheochromocytoma and proving that a 'mass' is a 'pheo' [editorial] Beierwaltes WH. **J Urol** 1985 Jul;134(1):105

Usefulness of scintigraphic imaging using 131iodine-metaiodobenzylguanidine in localization of asymptomatic pheochromocytoma. Yazaki T, et al. **J Urol** 1985 Jul;134(1):107-9

Comparison of 131I-metaiodobenzylguanidine scintigraphy with urinary and plasma catecholamine determinations in the diagnosis of pheochromocytoma. Plewe G, et al. **Klin Wochenschr** 1985 Jul 15;63(14):627-30

Iodobenzylguanidine for location and treatment of phaeochromocytoma [editorial] **Lancet** 1984 Oct 20; 2(8408):905-7

131I-MIBG and medullary carcinoma of the thyroid [letter] Connell JM, et al. **Lancet** 1984 Dec 1;2(8414):1273-4

131I-MIBG uptake by medullary carcinoma of thyroid [letter] Poston GJ, et al. **Lancet** 1985 Sep 7;2(8454):560

Use of 131I-MIBG scintigraphy in the evaluation of suspected pheochromocytoma. Swensen SJ, et al. **Mayo Clin Proc** 1985 May;60(5):299-304

Scintiscanning in the management of phaeochromocytoma [letter] Edis AJ, et al. **Med J Aust** 1984 Dec 8-22; 141(12-13):901

131I-MIBG and phaeochromocytoma [letter] Gough IR. **Med J Aust** 1985 Mar 4;142(5):330

Imaging of phaeochromocytoma and adrenal medulla with 123I-meta-iodobenzyl guanidine. Horne T, et al. **Nucl Med Commun** 1984 Dec;5(12):763-8

Myocardial uptake of iodinated free fatty acids and 201Tl in experimental ischemia. Westera G, et al. **Nuklearmedizin** 1984 Dec;23(6):321-5

Detection of neuroblastoma with 131I-meta-iodobenzylguanidine. Voute PA, et al. **Prog Clin Biol Res** 1985;175:389-98

Pheochromocytoma and the normal adrenal medulla: improved visualization with I-123 MIBG scintigraphy. Lynn MD, et al. **Radiology** 1985 Jun;155(3):789-92

Metrizamide-iophendylate layering technique for thoracolumbar myelography. Smith SP, et al. **Radiology** 1984 Dec;153(3):821-2

Radio-iodobenzylguanidine for the scintigraphic location and therapy of adrenergic tumors. McEwan AJ, et al. **Semin Nucl Med** 1985 Apr;15(2):132-53 (94 ref.)

131I-meta-iodobenzylguanidine scintigraphy of neuroblastomas. Munkner T. **Semin Nucl Med** 1985 Apr; 15(2):154-60

Limitations of 131I-MIBG scintigraphy in locating pheochromocytomas. Gough IR, et al. **Surgery** 1985 Jul; 98(1):115-20

Extra-adrenal and metastatic pheochromocytoma: the role of 131I meta-iodobenzylguanidine (131I MIBG) in localization and management. Thompson NW, et al. **World J Surg** 1984 Aug;8(4):605-11

[Scintigraphic possibilities for the localization of pheochromocytomas and parathyroid adenomas] Piers DA. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):199-201 **(Dut)**

[Meta-iodobenzylguanidine scintigraphy, a privileged procedure for localizing pheochromocytoma (letter)] Charbonnel B, et al. **Presse Med** 1985 Jan 12;14(1):49 **(Fre)**

[Localization of medullary cancer of the thyroid gland by scintigraphy using meta-iodo-benzylguanidine (letter)] Getin F, et al. **Presse Med** 1985 Mar 9;14(10):597 **(Fre)**

[Diagnosis and therapy control of neuroblastoma using meta-iodo- benzylguanidine] Kimmig B, et al. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):175-9 (Eng. Abstr.) **(Ger)**

[Scintigraphic diagnosis of multiple pheochromocytomas in childhood with 131I-m-benzylguanidine] Koletzko S, et al. **Monatsschr Kinderheilkd** 1984 Oct;132(10):791-6 (Eng. Abstr.) **(Ger)**

[Intraoperative localization of pheochromocytoma metastases using 131I-meta-benzylguanidine] Fasshauer H, et al. **Nuklearmedizin** 1984 Aug;23(4):2[illegible]3-5 **(Ger)**

[Results of scintigraphic studies with 131I-meta-benzylguanidine in space-occupying lesions of neuroectodermal origin] Mahlstedt J, et al. **Nuklearmedizin** 1984 Oct;23(5):257-64 (Eng. Abstr.) **(Ger)**

[Use of 131I-meta-iodobenzylguanidine in pediatric oncology] Treuner J. **Nuklearmedizin** 1985 Feb;24(1):26-8 (Eng. Abstr.) **(Ger)**

[Scintigraphic imaging of benign and malignant tumors of the sympathetic nervous system with meta-iodobenzylguanidine] Kimmig B, et al. **Rontgenblatter** 1985 May;38(5):154-8 (Eng. Abstr.) **(Ger)**

[Scintigraphic diagnosis of neuroblastoma and pheochromocytoma with 131I-meta-iodobenzylguanidine in pediatrics] Mussa GC, et al. **Minerva Pediatr** 1984 Oct 15;36(19):919-22 (Eng. Abstr.) **(Ita)**

[Scintigraphy with 131I-metaiodobenzylguanidine in the differential diagnosis of pheochromocytoma] Cerasola G, et al. **Recenti Prog Med** 1985 Mar;76(3):143-8 (Eng. Abstr.) **(Ita)**

[Scintigraphic localization of metastatic pheochromocytoma by 131I-metaiodobenzylguanidine] Nishimura T, et al. **Kaku Igaku** 1985 Mar;22(3):393-7 **(Jpn)**

[A case of paraganglioma diagnosed by 131I-metaiodobenzyl guanidine (MIBG) scintigraphy] Kubo S, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1201-8 **(Jpn)**

[Localization of pheochromocytoma by I-131-metaiodobenzylguanidine] Yasuhara S, et al. **Nippon Rinsho** 1984 Aug;42(8):1942-6 **(Jpn)**

[Scintigraphic localization of pheochromocytomas] Ohishi S, et al. **Rinsho Hoshasen** 1984 Sep;29(9):981-5 (Eng. Abstr.) **(Jpn)**

[Adrenomedullary scintigraphy with I-131 metaiodobenzylguanidine] Ohta Y, et al. **Rinsho Hoshasen** 1985 Mar;30(3):399-400 **(Jpn)**

[Scintigraphy of medullary carcinoma of the thyroid by new radiopharmaceuticals] Tada J, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1043-4 **(Jpn)**

[Advances in the scintigraphic diagnosis of pheochromocytoma] Jakubowski W, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):231-4 (Eng. Abstr.) **(Pol)**

[Method of ascending myelography with Myodil in the diagnosis of spinal cord lesions] Morozova TD, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):28-30 (Eng. Abstr.) **(Rus)**

[Negativity of gammagraphy using I131-labeled meta-iodobenzylguanidine in the diagnosis of pheochromocytoma (letter)] Simó Canonge R, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):38 **(Spa)**

[Gammagraphic localization of pheochromocytoma using 131I-meta-iodobenzoylguanidine (131I-MIBG) (letter)] Bellido CA, et al. **Rev Clin Esp** 1985 Jun;177(1):45 **(Spa)**

METABOLISM

Metabolism of 15 (p 123I iodophenyl-)pentadecanoic acid in heart muscle and noncardiac tissues. Reske SN, et al. **Eur J Nucl Med** 1985;10(5-6):228-34

Molecular pharmacology of the calcium channel: evidence for subtypes, multiple drug-receptor sites, channel subunits, and the development of a radioiodinated 1,4-dihydropyridine calcium channel label, [125I]iodipine. Glossmann H, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S608-21

Metabolic and kinetic considerations in the use of [125I]HIPDM for quantitative measurement of regional cerebral blood flow. Lucignani G, et al. **J Cereb Blood Flow Metab** 1985 Mar;5(1):86-96

Cardiac metabolism of omega-(p-iodo-phenyl)-pentadecanoic acid: a gas-liquid chromatographic-mass spectrometric analysis. Schmitz B, et al. **J Lipid Res** 1984 Oct;25(10):1102-8

Rapid clearance of iodine-131 MIBG from the heart and liver of patients with adrenergic dysfunction and pheochromocytoma. Nakajo M, et al. **J Nucl Med** 1985 Apr;26(4):357-65
Effect of uptake-one inhibitors on the uptake of norepinephrine and metaiodobenzylguanidine. Tobes MC, et al. **J Nucl Med** 1985 Aug;26(8):897-907
In vitro dehalogenation of para-substituted aromatic halides in rat liver preparations. Scott MT, et al. **J Pharm Sci** 1984 Aug;73(8):1101-4

PHARMACODYNAMICS

Inhibition of monoamine oxidase by metaiodobenzylguanidine, a new radiodiagnostic agent. Burba JV. **Can J Physiol Pharmacol** 1985 Feb;63(2):166-8
Alterations in L-triiodothyronine aminotransferase activity in hypothyroid rats--effects of administrations of iodobenzene and L-thyroxine. Visvanathan A, et al. **Indian J Exp Biol** 1984 Aug;22(8):442-4
Comparison of the sodium dependency of uptake of meta-iodobenzylguanidine and norepinephrine into cultured bovine adrenomedullary cells. Jaques S Jr, et al. **Mol Pharmacol** 1984 Nov;26(3):539-46

POISONING

Liver glutathione depletion induced by bromobenzene, iodobenzene, and diethylmaleate poisoning and its relation to lipid peroxidation and necrosis. Casini AF, et al. **Am J Pathol** 1985 Feb;118(2):225-37

THERAPEUTIC USE

Treatment of malignant pheochromocytoma with a new radiopharmaceutical. Sisson J, et al. **Trans Assoc Am Physicians** 1983;96:209-17
[Gammagraphic localization of pheochromocytoma with (131I) meta-iodobencylguanidine] Carrió Soldevila J, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):23-4 (Eng. Abstr.) **(Spa)**

TOXICITY

Preliminary toxicity studies on N,N,N'-trimetyl-N' (2-hydroxyl-3-methyl-5-iodobenzyl)-1,3-propanediamine (HIPDM), a new brain perfusion imaging agent. Kostyniak PJ. **Drug Chem Toxicol** 1984;7(5):451-62
Glutathione depletion, lipid peroxidation, and liver necrosis following bromobenzene and iodobenzene intoxication. Casini AF, et al. **Toxicol Pathol** 1984;12(3):295-9

IODOBENZOATES

The sites of degradation of rat high-density-lipoprotein apolipoprotein E specifically labelled with O-(4-diazo-3-[125I]iodobenzoyl)sucrose. Van't Hooft FM, et al. **Biochem J** 1985 Mar 15;226(3):715-21
Cervical myelography with iohexol. Kendall B, et al. **Br J Radiol** 1984 Sep;57(682):785-7
Iohexol and iopamidol: second-generation nonionic radiographic contrast media. Kawada TK. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):525-9 (52 ref.)
Application of O-(4-diazo-3-[125I]iodobenzoyl)sucrose for the detection of the catabolic sites of low density lipoprotein. van 't Hooft FM, et al. **FEBS Lett** 1985 Jan 7;179(2):225-8
Ioxaglic acid: a new low-osmolality contrast medium. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S289-392
Development of nonionic contrast media. Almén T. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S2-9
Clinical experience with ioxaglate (Hexabrix) in selective coronary arteriography. Corcos T, et al. **J Can Assoc Radiol** 1984 Dec;35(4):354-9

ADMINISTRATION & DOSAGE

High dose urography in patients with renal failure. A double blind investigation of iohexol and metrizoate. Smith HJ, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr; 26(2):213-20
Intravascular studies with iohexol (Omnipaque). Results from the first 49 clinical trials. Andrew E, et al. **Eur J Radiol** 1985 Feb;5(1):68-76
Optimal iodine concentration in digital subtraction arteriography. Norman D, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S368-70

ADVERSE EFFECTS

Psychic changes following myelography with metrizamide and iohexol. A comparative investigation with psychologic tests. Cronqvist SE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):369-73
Iohexol in patients with previous adverse reactions to contrast media. Holtås S. **Invest Radiol** 1984 Nov-Dec; 19(6):563-5
Comparison of the hemodynamic effects of Hexabrix and Renografin-76 following left ventriculography and coronary arteriography. Svenson RH. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S333-4
A double-blind clinical comparison of the electrophysiologic adverse effects of Hexabrix and Renografin-76. Wolf GL. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S328-32
Detection of renal tubular lesions after abdominal aortography and selective renal arteriography by quantitative measurements of brush-border enzymes in the urine. Hartmann HG, et al. **Nephron** 1985;39(2):95-101
Energy-dependent effect of iodized contrast medium on radiation-induced chromosome aberrations. Hadnagy W, et al. **Radiat Environ Biophys** 1985;24(1):71-4
Contrast agent-induced thrombophlebitis following leg phlebography: iohexol compared with meglumine iothalamate. Thomas ML, et al. **Vasa** 1985;14(1):81-3
[Adverse reactions following high-dose intravenous injection of urographic contrast media] Lackner K, et al. **ROFO** 1984 Oct;141(4):447-52 (Eng. Abstr.) **(Ger)**
[Early hemodynamic reactions of an ionic low osmolar and a nonionic contrast medium] Wink K, et al. **Z Kardiol** 1984 Oct;73(10):628-33 (Eng. Abstr.) **(Ger)**

BLOOD

Plasma clearance of a new contrast agent, iohexol: a method for the assessment of glomerular filtration rate. Krutzén E, et al. **J Lab Clin Med** 1984 Dec;104(6):955-61

DIAGNOSTIC USE

Lumbar myelography with iohexol and metrizamide. A double-blind clinical trial. Hindmarsh T, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):365-8
Intravenous computed tomographic cholangiography in acute cholecystitis. A comparison with conventional cholangiography. Nyman U, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):289-98
Myelography with iohexol (Omnipaque): review of 300 cases. Burrows EH. **AJNR** 1985 May-Jun;6(3):349-51
Clinical trial of Iohexol vs. Conray 60 for cerebral angiography. Pelz D, et al. **AJNR** 1984 Sep-Oct;5(5):565 8
A comparison of Hexabrix and Renografin-60 in knee arthrography. Apple JS, et al. **AJR** 1985 Jul;145(1):139-42
Hexabrix as a contrast agent for ascending leg phlebography. Murphy WA, et al. **AJR** 1985 Jun;144(6):1279-81
Cardioangiography in children with iohexol, metrizoate and ioxaglate. Kunnen M, et al. **Ann Radiol (Paris)** 1985; 28(3-4):315-21 **(Eng, Fre)**
Comparison of the tolerance of iohexol and ioxaglate in phlebography of the legs. Thomas ML, et al. **Australas Radiol** 1984 Aug;28(3):244-6
A comparison of iopamidol and iohexol in peripheral angiography [letter] Fletcher EW. **Br J Radiol** 1984 Nov; 57(683):1043-4
Infusion cholecystography in the early diagnosis of acute gallbladder disease. Dykes EH, et al. **Br J Surg** 1984 Nov; 71(11):854-5
Quantitation of some pancreatic juice exocrine proteins in the presence of radiocontrast medium used in endoscopic retrograde pancreatography (ERP). Marks WH, et al. **Endoscopy** 1984 Nov;16(6):211-3
The haemodynamic effects of left ventriculography in coronary artery disease and mitral valve disease: a comparison of high and low osmolality contrast media. Fraser AG, et al. **Eur Heart J** 1984 Sep;5(9):727-34
Iohexol and ioxithalamate for intravenous urography. A comparative parallel study. Egeblad M, et al. **Eur J Radiol** 1985 Aug;5(3):240-2
Short-term hemodynamic effects of diatrizoate and ioxaglate contrast media in left ventriculography. Fast JH, et al. **Int J Cardiol** 1985 May;8(1):13-23
A double-blind randomized clinical study of the safety, tolerability and efficacy of Hexabrix in pediatric angiocardiography. Anthony CL, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S335-43
A double-blind comparative study of Hexabrix and Renografin-76 in aortography and visceral arteriography. Barth KH, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S323-5
Double-blind comparison of Hexabrix and Renografin-76 in computed tomography. Berland LL. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S376-7
Summary of U.S. and European intravascular experience with iohexol based on the clinical trial program. Dahlstrom K, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S117-21
Phlebography. Survey and present state. Enge I. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S100-2
Iohexol in phlebography of the leg. A comparative investigation with meglumine metrizoate. Gjølberg T, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S103-7
Iohexol: a new nonionic contrast medium for myelography and cisternography with markedly reduced neurotoxicity. Gonsette RE, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S32-6
Preliminary evaluation of Hexabrix for temporomandibular joint arthrography. Katzberg RW. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S387-8
Iohexol cerebral angiography. Multicenter clinical trial. Kido DK, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S55-7
Lumbar myelography with iohexol and metrizamide. A comparative multicenter prospective study. Kieffer SA, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S22-30
Iohexol vs. iopamidol for myelography. Lamb JT. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S37-43
Ioxaglate (Hexabrix): a new low-osmolality contrast medium. McClennan BL. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S289-92
A double-blind clinical study comparing the safety and efficacy of Hexabrix and Renografin-76 in contrast enhanced computed body tomography. McClennan BL, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S378-84
A double-blind clinical study comparing tolerability, safety, and efficacy of Hexabrix and Renografin-76 for intravenous subtraction angiography. Nelson JA, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S366-7
Tolerability and efficacy of Hexabrix in cerebral angiography. Norman D, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S306-7
Clinical experience with Hexabrix in cerebral angiography. Robertson WD, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S308-11
Digital subtraction angiography. Comparison of meglumine-Na diatrizoate with iohexol. Sackett JF, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S58-61
A comparison of Hexabrix and Renografin 60 in peripheral arteriography. Sacks BA, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S320-2
Iohexol: summary of North American and European clinical trials in adult lumbar, thoracic, and cervical myelography with a new nonionic contrast medium. Shaw DD, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S44-50
Iohexol and metrizamide for urography in infants and children. Stake G, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S115-6
A double-blind randomized clinical study of the use of Hexabrix in pediatric angiocardiography. Tonkin IL. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S344-9
A double-blind clinical comparison of Hexabrix and Renografin-76 for intravenous digital subtraction angiography. Turski PA, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S363-5
Iohexol: a new, nonionic agent in adult peripheral arteriography. Roy P, et al. **J Can Assoc Radiol** 1985 Jun; 36(2):113-7
Functional cervical myelography with iohexol. Nakstad P, et al. **Neuroradiology** 1985;27(3):220-5
Iohexol compared to metrizamide in cervical and thoracic myelography. A randomized double blind parallel study. Nakstad P, et al. **Neuroradiology** 1984;26(6):479-84
Iohexol and diatrizoate: comparison in visceral arteriography. Adam A, et al. **Radiology** 1985 May;155(2):529
Low-osmolality contrast agents in angiocardiography [letter] Human DG, et al. **S Afr Med J** 1985 Jun 15;67(24):959-60
A randomized trial of iohexol versus amidotrizoate in endoscopic retrograde pancreatography. Jensen AR, et al. **Scand J Gastroenterol** 1985 Jan;20(1):83-6
Potential tumor or organ-imaging agents, 24. Radioiodinated pregnenolone esters. Van Dort M, et al. **Steroids** 1984 Jul; 44(1):85-93
[Iohexol (Omnipaque) and metrizoate (Isopaque-Amine) in femoral arteriography. A double-blind multicenter study] Hedemand N, et al. **Ugeskr Laeger** 1984 Sep 19; 146(38):2865-7 (Eng. Abstr.) **(Dan)**
[1st report on indirect lymphography using iotasul in the head and neck region] Müller RP, et al. **ROFO** 1985 Feb; 142(2):218-21 (Eng. Abstr.) **(Ger)**
[Use of hypo-osmolar contrast media in urography--results of an interindividual, randomized double-blind study] Heep HW, et al. **Rontgenpraxis** 1984 Jun;37(6):209-12 **(Ger)**
[Iopromide versus ioglicinate in dynamic computer tomography--a randomized controlled double-blind study] Lindner R, et al. **Rontgenpraxis** 1984 Oct;37(10):362-6 **(Ger)**
[Clinical use of low osmolar roentgen contrast media] Taenzer V. **Rontgenpraxis** 1984 Oct;37(10):357-61 **(Ger)**
[Iopamidol compared with Isopaque Cerebral in angiography of the lower extremities] Aspestrand F. **Tidsskr Nor Laegeforen** 1984 Nov 10;104(31):2164-5 (Eng. Abstr.) **(Nor)**
[Intravenous digital subtraction angiography of the vessels of the neck. A comparison between Isopaque and Omnipaque] Nakstad P, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):367-8 (Eng. Abstr.) **(Nor)**
[Recent triiodinated contrast media for oral cholecystocholangiography] Sviridov NK, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):58-60 (30 ref.) **(Rus)**

METABOLISM

Neural tissue uptake and clearance of iohexol following lumbar myelography in rabbits. Ekholm SE, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):331-6
Clinical comparison of Hexabrix, iopamidol, and Urografin-60 in whole body computed tomography. Spataro RF, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S372-5
Absorption of iohexol from cerebrospinal fluid to blood: pharmacokinetics in humans. Olsson B, et al. **Neuroradiology** 1985;27(2):172-5

PHARMACODYNAMICS

Effect of ioxaglate on the liver and pancreas following selective visceral angiography in man. Nilsson PE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):395-400
Tolerance and biochemical effects from intravenous injection of ioxaglate in healthy volunteers. Nilsson PE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(6):523-8
Transport of beta-globin mRNA from nuclei of murine Friend erythroleukemia cells. Reversible inhibition of transport by the oxidizing sulfhydryl reagent o-iodosobenzoate. Kindås-Mügge I, et al.

Eur J Biochem 1985 Apr 1;148(1):49-54

Effects of ioglycamide on the hepatic transport of bilirubin and its mono- and diconjugates in the rat. Mesa VA, et al. **Hepatology** 1985 Jul-Aug;5(4):600-6

The effect of iohexol on glucose metabolism compared with metrizamide. Ekholm SE, et al. **Invest Radiol** 1984 Nov-Dec;19(6):574-7

Iohexol vs. metrizamide in studies of glucose metabolism. A survey. Ekholm SE. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S18-21

Pharmacological action of radiographic contrast media reduced cerebrospinal fluid production in the dog. Harnish PP, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):88-93

Contrast agents for cardiac angiography: effects of a nonionic agent vs. a standard ionic agent. Bettmann MA, et al. **Radiology** 1984 Dec;153(3):583-7

Effects of drug-induced reduction in oxyhemoglobin affinity on survival time of mice in severe hypoxic conditions. Kugimiya T, et al. **Tohoku J Exp Med** 1984 Nov;144(3):315-20

[Hemorheologic effects of ioxaglate: a contribution to an interpretation of the effect of hyperosmolar roentgen contrast media on the fluidity of erythrocytes] Schmid-Schönbein H, et al. **Radiologe** 1984 Oct;24(10):478-87 (Eng. Abstr.) **(Ger)**

[Effect of tri-iodine-containing x-ray contrast substances on the blood coagulation system in an experiment] Druzhinina OI, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):63-5 (Eng. Abstr.) **(Rus)**

[Effect of non-ionic roentgenocontrast preparation Omnipaque-350 on central hemodynamics and myocardial contraction] Savchenko AP, et al. **Kardiologiia** 1984 Jul;24(7):91-4 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[The efect of ionizing radiation and fasting on the excretion of o-iodobenzoic acid 125I and its conjugates in the urine of rats protected by radioprotective agents] Benešová-Pulpánová J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):201-15 (Eng. Abstr.) **(Cze)**

THERAPEUTIC USE

[Studies on selective embolo-hyperthermic therapy of tumors by using ferromagnetic particles] Sako M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2168-71 (Eng. Abstr.) **(Jpn)**

TOXICITY

Comparison of an ionic with a nonionic contrast agent for cardiac angiography. Results of a multicenter trial. Bettmann MA, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S70-4

Pediatric angiocardiography with iohexol. Carlsson EC, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S75-8

Chemotoxicity of contrast media and clinical adverse effects: a review. Dawson P. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S84-91

Intrathecal toxicity of iohexol vs. metrizamide. Survey and current state. Haughton VM. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S14-7

Cardiotolerance of iohexol. Survey of experimental evidence. Higgins CB. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S65-9

Contrast enhanced brain CT comparison between iohexol and metrizoate. Holtås S, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S62-4

Iohexol vs. diatrizoate. A comparative study in intravenous urography. Rankin RN, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S112-4

Toxicology of iohexol. Shaw DD, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S10-3 (27 ref.)

Adult peripheral angiography. Results from four North American randomized clinical trials of ionic media vs. iohexol. Wolf GL. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S108-11

Temporomandibular joint arthrography: comparison of morbidity with ionic and low osmolality contrast media. Katzberg RW, et al. **Radiology** 1985 Apr;155(1):245-6

[Effects of water soluble iodinated contrast media on microcirculation in the rat mesenterium and liver] Kanazawa M. **Nippon Ika Daigaku Zasshi** 1984 Oct;51(5):590-600 (Eng. Abstr.) **(Jpn)**

URINE

Influence of various doses of ionizing radiation on the excretion of 125I-o-iodobenzoic acid and its conjugation products in the rat and the dog. Benešová-Pulpánová J, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(2):211-24

IODOBENZOYLGLYCINE see **IODOHIPPURIC ACID**

IODOCHLORHYDROXYQUIN see under **HYDROXYQUINOLINES**

19-IODOCHOLESTEROL see under **CHOLESTEROL**

IODODEOXYURIDINE see **IDOXURIDINE**

5-IODO-2-DEOXYURIDINE see **IDOXURIDINE**

IODOGORGOIC ACID see **DIIODOTYROSINE**

IODOHIPPURIC ACID

BLOOD

Comparison of measurement of effective renal plasma flow by single plasma sample and plasma disappearance slope/volume methods. Tauxe WN, et al. **Eur J Nucl Med** 1984;9(10):443-5

o- and M-iodohippurate binding to plasma proteins as a model drug transport mechanism. Lázniček M, et al. **J Pharm Pharmacol** 1984 Oct;36(10):690-3

DIAGNOSTIC USE

Calculation of effective renal plasma flow using 125I-orthoiodohippuran: comparison of four methods. Taylor DJ, et al. **Clin Nephrol** 1985 Apr;23(4):169-72

Primer and atlas for renal transplant scintigraphy (flow, Tc-99m DTPA, I-131 Hippuran). Manier SM, et al. **Clin Nucl Med** 1985 Jan;10(1):52-62

Primer and Atlas for renal transplant scintigraphy: flow, Tc-99m DTPA, I-131 hippuran. Manier SM, et al. **Clin Nucl Med** 1985 Feb;10(2):118-33

Ru-labeled ruthenocenoyl-glycine: comparison of clearance with hippuran. Wenzel M, et al. **Eur J Nucl Med** 1985;10(3-4):138-42

Technetium-99m DADS complexes as renal function and imaging agents: II. Biological comparison with iodine-131 hippuran. McAfee JG, et al. **J Nucl Med** 1985 Apr;26(4):375-84

Renal parenchymal appearance on 123iodine-hippurate renoscintigrams and excretory urograms. Nielsen JB, et al. **J Urol** 1985 Feb;133(2):179-82

Separate calculation of glomerular and tubular clearance by means of renal scintigraphy with hippuran and DTPA. Hadj Aissa A, et al. **Nephron** 1985;40(4):401-4

The significance of the absence of 131I-Hippuran uptake by a kidney graft. Romero R, et al. **Nephron** 1985;39(4):306-8

The determination of relative renal function by optical densitometry. Hastings DL, et al. **Nucl Med Commun** 1984 Mar;5(3):145-51

Assessment of renal blood flow in dogs: analysis of 131I-hippuran blood clearance in healthy dogs and in dogs with proteinuria. Biewenga WJ, et al. **Res Vet Sci** 1985 Jan;38(1):1-5

[Age and sex dependence of tubular kidney clearance in childhood] Lauer O, et al. **Fortschr Med** 1984 Oct 25;102(40):1013-6 (Eng. Abstr.) **(Ger)**

[Animal experiment studies on the functional evaluation of hydronephrosis with non-catheter unilateral determination of 131I-hippuran clearance] Doppelfeld E. **Nuklearmedizin** 1984 Oct;23(5):231-9 (Eng. Abstr.) **(Ger)**

[Clinical evaluation of renal function study using I-123 orthoiodohippurate (I-123 OIH) in patients with obstructive uropathy] Okada J, et al. **Kaku Igaku** 1984 Jun;21(6):697-703 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of renal function study using 99mTc-DTPA--comparative study with 111In-DTPA and 123I-OIH] Honda M, et al. **Radioisotopes** 1984 Jul;33(7):463-6 **(Jpn)**

METABOLISM

Change of pharmacokinetic parameters of 131I-hippuran caused by heparin. Jovanović V, et al. **Nuklearmedizin** 1985 Apr;24(2):90-2

[Pharmacokinetics of simultaneously administered 99mTc-DTPA and (125I)ortho-iodohippuran in rats and rabbits] Lázničková A, et al. **Cesk Farm** 1985 Mar;34(2):67-70 (Eng. Abstr.) **(Cze)**

IODOPANOIC ACID see **IOPANOIC ACID**

IODOPHORS see under **IODINE**

IODOPROTEINS

see related

SERUM ALBUMIN, RADIO-IODINATED

[Differential spectrophotometry of iodinated proteins and amino acids in heavy water] Gussakovskiĭ EE, et al. **Biofizika** 1985 Mar-Apr;30(2):208-10 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Biological and immunological characteristics of 125I-4Tyr and -18Tyr Escherichia coli heat-stable enterotoxin species purified by high-performance liquid chromatography. Thompson MR, et al. **Anal Biochem** 1985 Jul;148(1):26-36

IODOPYRACET

ANALOGS & DERIVATIVES

Radiocontrast-induced renal failure. Misson RT, et al. **West J Med** 1985 May;142(5):657-64

DIAGNOSTIC USE

Does a water soluble contrast enema assist in the management of acute large bowel obstruction: a prospective study of 117 cases. Stewart J, et al. **Br J Surg** 1984 Oct;71(10):799-801

IODOPYRIDONES

ADMINISTRATION & DOSAGE

Comparison of deep and shallow endotracheal administration of dionosil in dogs and effect of manual hyperventilation. Greenberg MI, et al. **Ann Emerg Med** 1985 Mar;14(3):209-12

ADVERSE EFFECTS

[Late complication following Hytrast bronchography. In vivo dilution as a cause of severe alveolarization?] Lehner K, et al. **Prax Klin Pneumol** 1985 Apr;39(4):133-5 (Eng. Abstr.) **(Ger)**

IODOTYROSINE

Coupling of iodotyrosine catalyzed by human thyroid peroxidase in vitro. Sugawara M. **J Clin Endocrinol Metab** 1985 Jun;60(6):1069-75

Iodothyronines and iodotyrosines as hypothetical receptors for catecholamines and opiates. Clur A. **Med Hypotheses** 1985 Feb;16(2):97-131

ANALYSIS

[Improved accuracy of a direct spectrophotometric method of determining iodotyrosines and thyroxine in iodinated proteins] Gussakovskiĭ EE, et al. **Bioorg Khim** 1984 Mar;10(3):358-61 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Peroxidase-catalysed iodotyrosine formation in dispersed cells of mouse extrathyroidal tissues. Banerjee RK, et al. **J Endocrinol** 1985 Aug;106(2):159-65

METABOLISM

[Effect of cryopreservation of thyroid parenchyma on iodoamino acid composition of thyroglobulin and its iodination] Turakulov IaKh, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):29-31 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Prolactin and thyrotropin response to blockade of dopamine synthesis by monoiodotyrosine in subjects with postpartum and pathological hyperprolactinemia. Ghigo E, et al. **J Endocrinol Invest** 1985 Feb;8(1):35-40

IODOXAMIC ACID see under **IODOBENZOATES**

IOGLYCAMIC ACID see under **IODOBENZOATES**

ION CHANNELS

see related

CALCIUM CHANNEL BLOCKERS

Complex membrane transport systems. A non-Markovian approach. Stephan W. **Biophys Chem** 1985 Jan;21(1):41-55

The effects of double-layer polarization on the conductance of gramicidin channels [letter] Hladky SB. **Biophys J** 1985 May;47(5):747-9

All three subunits are required for the reconstitution of an active proton channel (F0) of Escherichia coli ATP synthase (F1F0). Schneider E, et al. **EMBO J** 1985 Feb;4(2):515-8

The study of volt-ampere characteristics of ionic channels formed by gramicidin A. Passechnik VI, et al. **Gen Physiol Biophys** 1985 Feb;4(1):35-54

Purification of Legionella pneumophila major outer membrane protein and demonstration that it is a porin. Gabay JE, et al. **J Bacteriol** 1985 Apr;162(1):85-91

Genetic modifications of voltage-sensitive sodium channels in Drosophila: gene dosage studies of the seizure locus. Jackson FR, et al. **J Neurosci** 1985 May;5(5):1144-51

Ab initio molecular orbital study of the interaction of Li+, Na+ and K+ with the pore components of ion channels: consideration of the size, structure and selectivity of the pore of the channels. Nagata C, et al. **J Theor Biol** 1984 Oct 21;110(4):569-85

Interpretation of 1/f fluctuations in ion conducting membranes. Sauvé R, et al. **J Theor Biol** 1985 Apr 7;113(3):301-16

Primary structure and transmembrane orientation of the murine anion exchange protein. Kopito RR, et al. **Nature** 1985 Jul 18-24;316(6025):234-8

Acidic pH requirement for insertion of colicin E1 into artificial membrane vesicles: relevance to the mechanism of action of colicins and certain toxins. Davidson VL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1386-90

Monoclonal antibodies and peptide mapping reveal structural similarities between the subunits of the glycine receptor of rat spinal cord. Pfeiffer F, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7224-7

[Sodium transport in chronic renal insufficiency] Noè D. **Minerva Med** 1985 Mar 24;76(12):549-53 (Eng. Abstr.) **(Ita)**

[Integration of soluble tetrodotoxin-sensitive brain proteins into membrane liposomes] Malysheva MK, et al.

Neirofiziologiia 1984;16(5):716-25 (Eng. Abstr.) **(Rus)**

ANALYSIS

Cell biology and protein composition of cardiac gap junctions. Manjunath CK, et al. **Am J Physiol** 1985 Jun; 248(6 Pt 2):H783-91 (45 ref.)

Lack of evidence for voltage dependent calcium channels on platelets. Doyle VM, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):161-7

Evidence from 23Na NMR studies for the existence of sodium-channels in the brush border membrane of the renal proximal tubule. Elgavish GA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):746-53

Fluorometric analysis of transferable membrane pores. Loew LM, et al. **Biochemistry** 1985 Apr 23;24(9):2101-4

Characterisation of channels induced in planar bilayer membranes by detergent solubilised Escherichia coli porins. Lakey JH, et al. **Biochim Biophys Acta** 1985 Jul 25; 817(2):208-16

Single non-inactivating K+ channels in the myotubes of the chick embryo in tissue culture. Vyklický L Jr, et al. **Gen Physiol Biophys** 1985 Jun;4(3):241-8

Functional unit size of the neurotoxin receptors on the voltage-dependent sodium channel. Angelides KJ, et al. **J Biol Chem** 1985 Mar 25;260(6):3431-9

Assay for calcium channels. Glossmann H, et al. **Methods Enzymol** 1985;109:513-50

Na channels in skeletal muscle concentrated near the neuromuscular junction. Beam KG, et al. **Nature** 1985 Feb 14-20;313(6003):588-90

The age-dependent changes in the number of 3H-ouabain binding sites in mammalian skeletal muscle. Kjeldsen K, et al. **Pflugers Arch** 1984 Sep;402(1):100-8

Monoclonal antibodies against the voltage-sensitive Na+ channel from mammalian skeletal muscle. Casadei JM, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6227-31

DRUG EFFECTS

Some effects of the calcium promotor BAY K 8644 on feline cerebral arteries. Uski TK, et al. **Acta Physiol Scand** 1985 Jan;123(1):49-53

Insulin action on cardiac glucose transport. Studies on the role of the sodium pump. Eckel J, et al. **Adv Myocardiol** 1985;6:105-11

Modification of the function of cardiac subcellular organelles by insulin. Pierce GN, et al. **Adv Myocardiol** 1985;6:113-25

Effects of noradrenaline on the sodium pump of guinea pig ventricle. Wanless RB, et al. **Adv Myocardiol** 1985;6:97-104

Calcium flux regulation in myocardial and vascular smooth muscle. Moura AM, et al. **Adv Nephrol** 1985;14:173-96 (197 ref.)

Block of sodium currents by antiarrhythmic agents: analysis of the electrophysiologic effects of propafenone in heart muscle. Kohlhardt M. **Am J Cardiol** 1984 Nov 14; 54(9):13D-19D

A theoretic consideration on the use of calcium antagonists in the treatment of hypertension. Van Breemen C, et al. **Am J Med** 1984 Oct 5;77(4A):26-30

Injection of guanosine 5'-cyclic monophosphate into heart cells blocks calcium slow channels. Bkaily G, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H745-9

Effects of 1,25(OH)2D3 and calcium channel blockers on cecal calcium transport in the rat. Favus MJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G676-81

Inhibition of short-circuit current in rat ileum by aliphatic alcohols. Fernandez Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G547-52

Ca antagonists do not alter aldosterone secretion during established Na depletion. Johnson EI, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E676-80

Dihydropyridine calcium agonist and antagonist effects on aldosterone secretion. Kojima K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E645-50

Ion transport in goby intestine: cellular mechanism of urotensin II stimulation. Loretz CA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G284-93

Effect of veratridine on membrane potential of sartorius muscle from Rana pipiens. McKinney LC. **Am J Physiol** 1984 Nov;247(5 Pt 1):C309-13

Failure of 16,16-dimethyl PGE2 to prevent inhibitory effect of ethanol on sodium transport in canine gastric mucosa. Miller TA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G299-306

Insulin-resistant Na+ pump activity in adipocytes from obese humans. Mott DM, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 1):E160-4

Effect of insulin on intracellular pH in frog skeletal muscle fibers. Putnam RW. **Am J Physiol** 1985 Mar;248(3 Pt 1):C330-6

Mechanism for bupivacaine depression of cardiac conduction: fast block of sodium channels during the action potential with slow recovery from block during diastole. Clarkson CW, et al. **Anesthesiology** 1985 Apr;62(4):396-405

Clinical implications of the modulated receptor hypothesis: local anesthetics and the heart [editorial] Kendig JJ. **Anesthesiology** 1985 Apr;62(4):382-4

Effect of dopamine on the threshold of the voltage-dependent ionic channels in the rat brain. Bernardi G, et al. **Ann Ist Super Sanita** 1984;20(1):1-4

Dopamine D2 receptors modulate neurotransmitter-regulated calcium ion gates. Memo M, et al. **Ann Ist Super Sanita** 1984;20(1):5-10

Phenytoin interacts with calcium channels in brain membranes. Greenberg DA, et al. **Ann Neurol** 1984 Nov; 16(5):616-7

Chemically activated channels in muscle and spinal cord. Jackson MB. **Ann Neurol** 1984;16 Suppl:S52-8

Drug-ionic channel interactions: single-channel measurements. Narahashi T. **Ann Neurol** 1984;16 Suppl:S39-51

An excitatory and a depressant insect toxin from scorpion venom both affect sodium conductance and possess a common binding site. Zlotkin E, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):877-87

The use of a diuretic agent as a probe to investigate site and mechanism of ion transport processes. Giebisch G. **Arzneimittelforsch** 1985;35(1A):336-42

Uptake and efflux of calcium by canine coronary arteries and the action of adenosine. Dutta P, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):519-30

Positive inotropic actions of the calcium channel stimulator, Bay k 8644, in awake, unsedated dogs. Preuss KC, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):326-32

The effect of cyanide on the K-current in guinea-pig ventricular myocytes. Van der Heyden G, et al. **Basic Res Cardiol** 1985;80 Suppl 1:93-6

Effect of calcium channel agonist Bay K 8644 on calcitonin secretion from a rat C-cell line. Hishikawa R, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):454-9

Calcium channel agonist and antagonist effects of the stereoisomers of the dihydropyridine 202-791. Kongsamut S, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):141-8

Interaction of phenoxybenzamine with muscarinic receptors and calcium channels. Gengo PJ, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3445-9

Inhibitors of Ca2+ release from the isolated sarcoplasmic reticulum. I. Ca2+ channel blockers. Antoniu B, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):9-17

Lead-induced activation and inhibition of potassium-selective channels in the human red blood cell. Shields M, et al. **Biochim Biophys Acta** 1985 May 14; 815(2):223-32

Calcium- and voltage-activated potassium channels in adrenocortical cell membranes. Tabares L, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):96-102

Stimulation of Ca-dependent action potentials in mammalian ventricular myocardium by a novel dihydropyridine. Nilius B. **Biomed Biochim Acta** 1984;43(12):1385-97

Voltage-dependent removal of sodium inactivation by N-bromoacetamide and pronase. Salgado VL, et al. **Biophys J** 1985 Apr;47(4):567-71

Na channel activation gate modulates slow recovery from use-dependent block by local anesthetics in squid giant axons. Yeh JZ, et al. **Biophys J** 1985 May;47(5):685-94

Quinine blocks a calcium-activated potassium conductance in mammalian enteric neurones. Cherubini E, et al. **Br J Pharmacol** 1984 Sep;83(1):3-5

The mechanism of steroid anaesthetic (alphaxalone) block of acetylcholine-induced ionic currents. Gillo B, et al. **Br J Pharmacol** 1984 Aug;82(4):783-9

gamma-Aminobutyric acid- and piperazine-activated single-channel currents from Ascaris suum body muscle. Martin RJ. **Br J Pharmacol** 1985 Feb;84(2):445-61

5-Hydroxytryptamine-activated single-channel currents recorded from murine neuroblastoma cells. Guharay F, et al. **Brain Res** 1985 Aug 12;340(2):325-32

The effects of QX314 on thalamic neurons. Mulle C, et al. **Brain Res** 1985 May 6;333(2):350-4

Two subtypes of sodium channel with tetrodotoxin sensitivity and insensitivity detected in denervated mammalian skeletal muscle. Rogart RB, et al. **Brain Res** 1985 Mar 11; 329(1-2):314-8

Chlormadinone acetate, a progesterone derivative that binds to the digitalis receptor, inhibits the sodium pump in the isolated rat diaphragm. Bihler I, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):44-7

Calcium channel activation in vascular smooth muscle by BAY K 8644. Su CM, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1401-10

Interactions between calcium antagonists, calcium fluxes and anthracycline transport. Kessel D, et al. **Cancer Lett** 1984 Nov;25(1):97-101

The effect of ETH 1001 on ion fluxes across red blood cell membranes. Hinds TR, et al. **Cell Calcium** 1985 Jun; 6(3):265-79

Alteration of calcium conductances and outward current by cyclic adenosine monophosphate (cAMP) in neurons of Limax maximus. Hockberger P, et al. **Cell Mol Neurobiol** 1984 Dec;4(4):319-38

Divalent cation effects on acetylcholine-activated channels at the frog neuromuscular junction. Lewis CA. **Cell Mol Neurobiol** 1984 Sep;4(3):273-84

Ca2+ translocation across liposomal membranes enhanced by unsaturated long-chain fatty acids. Utsumi K, et al. **Cell Struct Funct** 1985 Jun;10(2):177-81

Sodium pump inhibition, enhanced calcium influx via sodium-calcium exchange, and positive inotropic response in cultured heart cells. Barry WH, et al. **Circ Res** 1985 Feb;56(2):231-41

Differences in norepinephrine activation and diltiazem inhibition of calcium channels in isolated rabbit aorta and mesenteric resistance vessels. Cauvin C, et al. **Circ Res** 1985 Jun;56(6):822-8

Antiarrhythmic drug action. Blockade of the inward sodium current. Grant AO, et al. **Circ Res** 1984 Oct;55(4):427-39 (120 ref.)

Ryanodine as a tool to determine the contributions of calcium entry and calcium release to the calcium transient and contraction of cardiac Purkinje fibers. Marban E, et al. **Circ Res** 1985 Jan;56(1):133-8

Effect of sodium-potassium pump inhibitors and membrane-depolarizing agents on sodium nitroprusside-induced relaxation and cyclic guanosine monophosphate accumulation in rat aorta. Rapoport RM, et al. **Circ Res** 1985 Jul;57(1):164-70

A dihydropyridine (Bay k 8644) that enhances calcium currents in guinea pig and calf myocardial cells. A new type of positive inotropic agent. Thomas G, et al. **Circ Res** 1985 Jan;56(1):87-96

The calcium channel blocker nitrendipine blocks sodium channels in neonatal rat cardiac myocytes. Yatani A, et al. **Circ Res** 1985 Jun;56(6):868-75

Cell membrane changes after in vivo acute Na+ load in normotensive and spontaneously hypertensive rats. De Mendonca M, et al. **Clin Exp Hypertens [A]** 1984; 6(9):1559-74

Adrenaline and ion flux in isolated human leucocytes. Baron DN, et al. **Clin Sci** 1985 May;68(5):517-21

The effect of pentylenetetrazol on spike broadening and potassium inactivation. Doerner D, et al. **Comp Biochem Physiol [C]** 1984;79(2):441-5

Use-dependent block of GABA-activated chloride channels in crayfish muscle fibers by picrate. Kaila K, et al. **Comp Biochem Physiol [C]** 1984;78(2):309-13

Ion channel block in rat diaphragm by the venom of the digger wasp Philanthus triangulum. van Wilgenburg H, et al. **Comp Biochem Physiol [C]** 1984;79(1):205-11

Acetylcholine responses of identified neurons in Helix pomatia--III. Ionic composition of the depolarizing currents induced by acetylcholine. Witte OW, et al. **Comp Biochem Physiol [C]** 1985;80(1):37-45

The dual effect of sodium ion on the digitalis-sodium pump interaction. Brody TM, et al. **Eur Heart J** 1984 Dec;5 Suppl F:291-6

The effects of terbium (III) on the Ca-activated, K channel found in the resealed human erythrocyte membrane. Wood PG, et al. **Eur J Biochem** 1985 Jan 2;146(1):65-9

Comparison of the effects of apamin, a Ca2+-dependent K+ channel blocker, and arylazido aminopropionyl ATP (ANAPP3), a P2-purinergic receptor antagonist, in the guinea-pig vas deferens. Fedan JS, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):327-34

An investigation of the actions of the calcium entry facilitator Bay K 8644 on the rat vas deferens. Hyland L, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):363-7

Effect of imipramine on calcium and potassium currents in isolated bovine ventricular myocytes. Isenberg G, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):121-31

Effects of diacetyl monoxime (DAM) on slow and fast action potentials of young and old embryonic chick hearts and rabbit hearts. Sada H, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):145-52

Bay K8644 differentiates between potential and receptor operated Ca2+ channels. Yamamoto H, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):555-7

Some properties of ionic channels activated by excitatory amino acids in hippocampal neurons. Yamamoto C, et al. **Exp Brain Res** 1985;57(2):313-20

The effect of long-term treatment with spironolactone on sodium pump abnormalities in the red blood cells of patients with Bartter's syndrome. Horký K, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):105-11

Dihydropyridine Ca2+ agonists and channel blockers interact in the opposite manner with photogenerated unpaired electrons. Marinov BS, et al. **FEBS Lett** 1985 Jul 8;186(2):251-4

Differential effects of the K+ channel blockers apamin and quinine on glucose-induced electrical activity in pancreatic beta-cells from a strain of ob/ob (obese) mice. Rosario LM. **FEBS Lett** 1985 Sep 2;188(2):302-6

Interaction of sodium ions with potassium channels of mollusc neuronal somatic membrane. Magura IS, et al. **Gen Physiol Biophys** 1985 Feb;4(1):93-5

Activation of Ca channels in heart muscle by a new dihydropyridine derivative. Nilius B. **Gen Physiol Biophys** 1984 Oct;3(5):437-40

The channel-forming component of the Theridiidae spider venom neurotoxins. Usmanov PB, et al. **Gen Physiol Biophys** 1985 Apr;4(2):185-93

Effect of Tityus gamma toxin on the activation process in sodium channels of frog myelinated nerve. Zaborovskaya LD, et al. **Gen Physiol Biophys** 1985 Feb;4(1):101-3

Resistance to aminooxyacetate of the ionic response to tolbutamide in pancreatic islets. Lebrun P, et al. **Horm Metab Res** 1984 Jun;16(6):322-4

Sodium channel blockers are vasodilator as well as natriuretic and diuretic agents. Haddy FJ, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I121-6

The effect of ion composition on cellular membrane potentials during selective coronary arteriography. Wolpers HG, et al. **Invest Radiol** 1984 Jul-Aug;19(4):291-5

Tetraphenylboron increases choline permeability through a calcium release channel of isolated sarcoplasmic reticulum. Taguchi T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):179-88

Molecular pharmacology of the calcium channel: evidence for subtypes, multiple drug-receptor sites, channel subunits, and the development of a radioiodinated 1,4-dihydropyridine calcium channel label, [125I]iodipine. Glossmann H, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S608-21

Stereoselectivity at the calcium channel: opposite action of the enantiomers of a 1,4-dihydropyridine. Hof RP, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):689-93

Asocainol, a new antiarrhythmic drug with natrium- and calcium-antagonistic effects on ventricular myocardium. Späh F. **J Cardiovasc Pharmacol** 1984 Nov-Dec; 6(6):1027-35

Cardiac actions of phencyclidine in isolated guinea pig and rat heart: possible involvement of slow channels. Temma K, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr; 7(2):297-306

Calcium channel modulation: ability to inhibit or promote calcium influx resides in the same dihydropyridine molecule. Thomas G, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1170-6

Effect of TPA on ion fluxes and DNA synthesis in vascular smooth muscle cells. Owen NE. **J Cell Biol** 1985 Aug; 101(2):454-9

Effects of thyroid hormone on sodium pump sites, sodium content, and contractile responses to cardiac glycosides in cultured chick ventricular cells. Kim D, et al. **J Clin Invest** 1984 Oct;74(4):1481-8

Immunoglobulin G-induced single ionic channels in human alveolar macrophage membranes. Nelson DJ, et al. **J Clin Invest** 1985 Aug;76(2):500-7

Interactions of physiological ligands with the Ca pump and Na/Ca exchange in squid axons. DiPolo R, et al. **J Gen Physiol** 1984 Dec;84(6):895-914

Deuterium oxide and temperature effects on the properties of endplate channels at the frog neuromuscular junction. Lewis CA. **J Gen Physiol** 1985 Feb;85(2):137-56

Voltage-dependent blockade of muscle Na+ channels by guanidinium toxins. Moczydlowski E, et al. **J Gen Physiol** 1984 Nov;84(5):687-704

Batrachotoxin-activated Na+ channels in planar lipid bilayers. Competition of tetrodotoxin block by Na+. Moczydlowski E, et al. **J Gen Physiol** 1984 Nov; 84(5):665-86

Interactions of monovalent cations with sodium channels in squid axon. I. Modification of physiological inactivation gating. Oxford GS, et al. **J Gen Physiol** 1985 Apr; 85(4):583-602

The influence of chemical agents on the level of ionized [Ca2+] in squid axons. Requena J, et al. **J Gen Physiol** 1985 Jun;85(6):789-804

Kinetics of 9-aminoacridine block of single Na channels. Yamamoto D, et al. **J Gen Physiol** 1984 Sep;84(3):361-77

Interactions of monovalent cations with sodium channels in squid axon. II. Modification of pharmacological inactivation gating. Yeh JZ, et al. **J Gen Physiol** 1985 Apr; 85(4):603-20

Relief of Na+ block of Ca2+-activated K+ channels by external cations. Yellen G. **J Gen Physiol** 1984 Aug; 84(2):187-99

Alkyl-ether phosphoglycerides influence calcium fluxes into human endothelial cells. Bussolino F, et al. **J Immunol** 1985 Oct;135(4):2748-53

Structure-activity relationship of amiloride analogs as blockers of epithelial Na channels: I. Pyrazine-ring modifications. Li JH, et al. **J Membr Biol** 1985; 83(1-2):45-56

Single calcium-dependent cation channels in mouse pancreatic acinar cells. Maruyama Y, et al. **J Membr Biol** 1984;81(1):83-7

Voltage-dependent block by amiloride and other monovalent cations of apical Na channels in the toad urinary bladder. Palmer LG. **J Membr Biol** 1984;80(2):153-65

Isoproterenol inhibits residual fast channel via stimulation of beta-adrenoceptors in guinea-pig ventricular muscle. Hisatome I, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):657-65

Cellular lithium uptake as a probe of sodium channels in the rat heart: modulation of lithium uptake by tetrodotoxin, verapamil, anthopleurin-A, isoproterenol and external stimulation. Hunter DR, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1083-90

Increase in the slow inward current by intracellularly applied nifedipine and nicardipine in single ventricular cells of the guinea-pig heart. Iijima T, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1173-7

Block of avian cardiac fast sodium channels by tetrodotoxin is enhanced by repetitive depolarization but not by steady depolarization. Inoue D, et al. **J Mol Cell Cardiol** 1984 Oct;16(10):943-52

Calcium channels are 'unblocked' within a few milliseconds after photoremoval of nifedipine. Nerbonne JM, et al. **J Mol Cell Cardiol** 1985 May;17(5):511-5

Blockage of the sodium current in isolated single cells from rat ventricle with mexiletine and disopyramide. Yatani A, et al. **J Mol Cell Cardiol** 1985 May;17(5):467-76

BAY K 8644, a 1,4-dihydropyridine Ca2+ channel activator: dissociation of binding and functional effects in brain synaptosomes. Rampe D, et al. **J Neurochem** 1984 Dec; 43(6):1688-92

Mutational and pharmacological alterations of neuronal membrane function disrupt conditioning in Drosophila. Cowan TM, et al. **J Neurogenet** 1984 Dec;1(4):333-44

Calcium channel antagonism by pizotifen. Peroutka SJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):381-3

A voltage-clamp analysis of currents underlying cyclic AMP-induced membrane modulation in isolated peptidergic neurons of Aplysia. Kaczmarek LK, et al. **J Neurophysiol** 1984 Aug;52(2):340-9

Concentration-dependent effects of neostigmine on the endplate acetylcholine receptor channel complex. Fiekers JF. **J Neurosci** 1985 Feb;5(2):502-14

Cyclic adenosine 3':5'-monophosphate and cytosolic calcium exert opposing effects on biosynthesis of tetrodotoxin-sensitive sodium channels in rat muscle cells. Sherman SJ, et al. **J Neurosci** 1985 Jun;5(6):1570-6

Effects of potassium channel-blocking agents on spontaneous discharges from neuromas in rats. Burchiel KJ, et al. **J Neurosurg** 1985 Aug;63(2):246-9

Effects of loperamide on intestinal ion transport. Guandalini S, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):593-601

Interactions of edrophonium, physostigmine and methanesulfonyl fluoride with the snake end-plate acetylcholine receptor-channel complex. Fiekers JF. **J Pharmacol Exp Ther** 1985 Sep;234(3):539-49

Bepridil hydrochloride alters potential-dependent and receptor-operated calcium channels in vascular smooth muscle of rabbit aorta. Flaim SF, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):63-71

Effects of ethanol and other intoxicant-anesthetics on voltage-dependent sodium channels of brain synaptosomes. Harris RA, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):401-6

Effects of 2-nicotinamidoethyl nitrate on agonist-sensitive Ca++ release and Ca++ entry in rabbit aorta. Hester RK. **J Pharmacol Exp Ther** 1985 Apr;233(1):100-11

Comparative interactions of organic Ca++ channel antagonists with myocardial Ca++ and K+ channels. Hume JR. **J Pharmacol Exp Ther** 1985 Jul;234(1):134-40

Actions of Ba++ on ionic currents of the guinea-pig taenia coli. Inomata H, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):112-24

Acetylcholine- and 5-hydroxytryptamine-stimulated contraction and calcium uptake in bovine coronary arteries: evidence for two populations of receptor-operated calcium channels. Ratz PH, et al. **J Pharmacol Exp Ther** 1985 Sep; 234(3):641-7

An intracellular analysis of gamma-aminobutyric-acid-associated ion movements in rat sympathetic neurones. Ballanyi K, et al. **J Physiol (Lond)** 1985 Aug;365:41-58

Calcium-activated potassium channels in isolated presynaptic nerve terminals from rat brain. Bartschat DK, et al. **J Physiol (Lond)** 1985 Apr;361:441-57

Potassium channels in isolated presynaptic nerve terminals from rat brain. Bartschat DK, et al. **J Physiol (Lond)** 1985 Apr;361:419-40

Effects of apamin, quinine and neuromuscular blockers on calcium-activated potassium channels in guinea-pig hepatocytes. Cook NS, et al. **J Physiol (Lond)** 1985 Jan; 358:373-94

Relation of sodium pump inhibition to positive inotropy at low concentrations of ouabain in rat heart muscle. Grupp I, et al. **J Physiol (Lond)** 1985 Mar;360:149-60

Properties of adenosine-triphosphate-regulated potassium channels in guinea-pig ventricular cells. Kakei M, et al. **J Physiol (Lond)** 1985 Jun;363:441-62

Calcium-induced inactivation of calcium current causes the inter-burst hyperpolarization of Aplysia bursting neurones. Kramer RH, et al. **J Physiol (Lond)** 1985 May;362:131-60

Calcium channels and intracellular calcium release are pharmacologically different in frog skeletal muscle. McCleskey EW. **J Physiol (Lond)** 1985 Apr;361:231-49

Membrane current through adenosine-triphosphate-regulated potassium channels in guinea-pig ventricular cells. Noma A, et al. **J Physiol (Lond)** 1985 Jun;363:463-80

Calcium-activated potassium channels in rat muscle inactivate from a short-duration open state. Pallotta BS. **J Physiol (Lond)** 1985 Jun;363:501-16

Selective modification of the squid axon Na currents by Centruroides noxius toxin II-10. Carbone E, et al. **J Physiol (Paris)** 1984;79(4):179-84

Effect of toxin 1 from Androctonus australis Hector on sodium currents in giant axons of Loligo forbesi. Pichon Y, et al. **J Physiol (Paris)** 1984;79(4):318-26

Interaction of scorpion toxins with the sodium channel. Rochat H, et al. **J Physiol (Paris)** 1984;79(4):334-7

Apamin: a specific toxin to study a class of Ca2+-dependent K+ channels. Romey G, et al. **J Physiol (Paris)** 1984; 79(4):259-64

A new scorpion toxin with a very high affinity for sodium channels. An electrophysiological study. Vijverberg HP, et al. **J Physiol (Paris)** 1984;79(4):275-9

Solvent effects in ionic transport through transmembrane protein channels. Kappas U, et al. **J Theor Biol** 1985 Feb 7;112(3):459-64

Mechanisms of apparent affinity variation of guarded receptors. Starmer CF, et al. **J Theor Biol** 1985 Aug 7; 115(3):337-49

Renal preservation following severe ischemia and prophylactic calcium channel blockade. Gingrich GA, et al. **J Urol** 1985 Aug;134(2):408-10

Calcium channel blockade in smooth muscle of the human upper urinary tract. II. Effects on norepinephrine-induced activation. Hertle L, et al. **J Urol** 1984 Dec;132(6):1270-4

Calcium channel blockade in smooth muscle of the human upper urinary tract. I. Effects on depolarization-induced activation. Hertle L, et al. **J Urol** 1984 Dec;132(6):1265-9

Effects of ethanol on calcium and potassium currents in single bullfrog atrial cells. Takeda R, et al. **Jpn J Pharmacol** 1984 Nov;36(3):422-4

Potassium-related membrane currents in the bullfrog atrial muscle differentiated in the presence of barium. Goto M, et al. **Jpn J Physiol** 1985;35(1):71-87

Effects of various intracellular Ca ion concentrations on the calcium current of guinea-pig single ventricular cells. Kokubun S, et al. **Jpn J Physiol** 1984;34(4):599-611

Beta-actions of catecholamines on the K-related currents of the bullfrog atrial muscle. Umeno T. **Jpn J Physiol** 1984; 34(3):513-28

Effect of cisplatin on the transepithelial potential difference of rat distal tubule. Allen GG, et al. **Kidney Int** 1985 Jun; 27(6):842-7

Studies on the role of sodium- and potassium-activated adenosine triphosphatase inhibition in the pathogenesis of human hypertension. Changes in vascular and cardiac function following inhibition of the sodium pump in normotensive subjects and effects of calcium entry blockade. Kramer HJ, et al. **Klin Wochenschr** 1985 Jan 2; 63(1):32-6

Sodium transport and red cell deformability. Wambach G, et al. **Klin Wochenschr** 1985;63 Suppl 3:35-7

Hexamethonium increases the excitability of sympathetic neurons by the blockade of the Ca2+-activated K+ channels. Kawai T, et al. **Life Sci** 1985 Jun 17; 36(24):2339-46

Interaction of steroidal alkaloid toxins with calcium channels in neuronal cell lines. Kongsamut S, et al. **Life Sci** 1985 Apr 15;36(15):1493-501

Characterization of voltage-sensitive calcium channels in a clonal pituitary cell line. Shangold GA, et al. **Life Sci** 1985 Jun 10;36(23):2209-15

Ion transport and metabolic effects of amiloride in canine tracheal mucosa. Al-Bazzaz FJ, et al. **Lung** 1984; 162(6):357-67

Conformational features of calcium channel agonist and antagonist analogs of nifedipine. Langs DA, et al. **Mol Pharmacol** 1985 May;27(5):544-8

Barbiturates decrease voltage-dependent calcium conductance of mouse neurons in dissociated cell culture. Werz MA, et al. **Mol Pharmacol** 1985 Sep;28(3):269-77

Voltage clamp analysis of the inhibitory actions of diphenylhydantoin and carbamazepine on voltage-sensitive sodium channels in neuroblastoma cells. Willow M, et al. **Mol Pharmacol** 1985 May;27(5):549-58

The agonist effect of dihydropyridines on Ca channels. Brown AM, et al. **Nature** 1984 Oct 11-17;311(5986):570-2

Different modes of Ca channel gating behaviour favoured by dihydropyridine Ca agonists and antagonists. Hess P, et al. **Nature** 1984 Oct 11-17;311(5986):538-44

Effects of para-substituted beta-adrenoceptor blocking agents and methyl-substituted phenoxypropanolamine derivatives on maximum upstroke velocity of action potential in guinea-pig papillary muscles. Ban T, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):77-85

Effects of Goniopora toxin on the membrane currents of bullfrog atrial muscle. Noda M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):75-80

Action of organic antagonists on neuronal calcium currents. Boll W, et al. **Neurosci Lett** 1985 May 23;56(3):335-9

The effects of capsaicin on action potential and outward potassium currents in a bursting neuron of the snail, Helix pomatia L. Erdéyi L, et al. **Neurosci Lett** 1985 Mar 22; 55(1):71-6

Calcium entry activators: distinct sites of dihydropyridine and aminopyridine action. Greenberg DA, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):279-82

Somatically recorded Ca-currents in guinea-pig hippocampal and olfactory cortex neurones are resistant to adenosine action. Halliwell JV, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):13-8

All or none block of single Na+ channels by tetrodotoxin. Quandt FN, et al. **Neurosci Lett** 1985 Feb 28;54(1):77-83

Patch-clamp studies of chloride channels activated by gamma-aminobutyric acid in cultured hippocampal neurones of the rat. Ozawa S, et al. **Neurosci Res** 1984 Oct;1(5):275-93

The effects of potassium channel blocking agents on the responses of in vitro frog motoneurones to glutamate and other excitatory amino acids: an intracellular study. Arenson MS, et al. **Neuroscience** 1985 Jan;14(1):317-25

Interactions of pyrethroid insecticides with chloride ionophore-associated binding sites. Lawrence LJ, et al. **Neurotoxicology** 1985 Summer;6(2):87-98 (22 ref.)

Investigations on the suitability of using nerve membrane fragments incorporated into artificial liposomes and a method for the study of pesticidal action on sodium channel activity. Matsumura F, et al. **Neurotoxicology** 1985 Summer;6(2):271-88

Nerve membrane ionic channels as the primary target of pyrethroids. Narahashi T. **Neurotoxicology** 1985 Summer; 6(2):3-22

Pyrethroid-receptor interactions: stereospecific binding and effects on sodium channels in mouse brain preparations.

READEX

Soderlund DM. **Neurotoxicology** 1985 Summer;6(2):35–46

The interaction of pyrethroids with voltage-dependent Na channels. Vijverberg HP, et al. **Neurotoxicology** 1985 Summer;6(2):23–34

Removal of Ca current inactivation in dialysed guinea-pig atrial cardioballs by Ca chelators. Bechem M, et al. **Pflugers Arch** 1985 May;404(1):10–20

The mechanism of action of Ba2+ and TEA on single Ca2+-activated K+ -channels in arterial and intestinal smooth muscle cell membranes. Benham CD, et al. **Pflugers Arch** 1985 Feb;403(2):120–7

Block of sodium currents by the calcium antagonist D600 in human heart cell segments. Bustamante JO. **Pflugers Arch** 1985 Feb;403(2):225–7

Effects of apamin on the outward potassium current of isolated frog skeletal muscle fibres. Cognard C, et al. **Pflugers Arch** 1984 Oct;402(2):222–4

Barium-induced blockade of the inward rectifier in calf Purkinje fibres. DiFrancesco D, et al. **Pflugers Arch** 1984 Dec;402(4):446–53

Forskolin prolongs action potential duration and blocks potassium current in embryonic chick sensory neurons. Dunlap K. **Pflugers Arch** 1985 Feb;403(2):170–4

Changes in the ionic currents sensitivity to inhibitors in twitch rat skeletal muscles following denervation. Duval A, et al. **Pflugers Arch** 1985 Apr;403(4):407–14

Different functional states of tetrodotoxin sensitive and tetrodotoxin resistant Na+ channels occur during the in vitro development of rat skeletal muscle. Frelin C, et al. **Pflugers Arch** 1984 Oct;402(2):121–8

Cl- -channels in the apical cell membrane of the rectal gland 'induced' by cAMP. Greger R, et al. **Pflugers Arch** 1985 Apr;403(4):446–8

Three functions of sodium channels in the toad node of Ranvier are altered by trimethyloxonium ions. Gülden KM, et al. **Pflugers Arch** 1985 Jan;403(1):13–20

Aldosterone does not stimulate the Na:K pump in isolated turtle colon. Halm DR, et al. **Pflugers Arch** 1985 Mar;403(3):236–9

Potentiation of a transient outward current by Na+ influx in crayfish neurones. Hartung K. **Pflugers Arch** 1985 May;404(1):41–4

Anemonia sulcata toxins modify activation and inactivation of Na+ currents in a crayfish neurone. Hartung K, et al. **Pflugers Arch** 1985 May;404(2):119–25

Voltage-dependent effect of a scorpion toxin on sodium current inactivation. Meves H, et al. **Pflugers Arch** 1984 Sep;402(1):24–33

Behaviour of chemically modified sodium channels in frog nerve supports a three-state model of inactivation. Schmidtmayer J. **Pflugers Arch** 1985 May;404(1):21–8

Distinctly different rates of benzocaine action on sodium channels of Ranvier nodes kept open by chloramine-T and veratridine. Ulbricht W, et al. **Pflugers Arch** 1984 Dec;402(4):439–45

The facilitating effect of gangliosides on the electrogenic (Na+/K+) pump and on the resistance of the membrane potential to hypoxia in neuromuscular preparation. Vyskočil F, et al. **Pflugers Arch** 1985 Jan;403(1):1–6

Inhibition of the erythrocyte calcium-sensitive potassium channel by probucol. Howland JL, et al. **Pharmacol Res Commun** 1984 Nov;16(11):1057–64

A monoclonal immunotoxin acting on the Na+ channel, with properties similar to those of a scorpion toxin. Barhanin J, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1842–6

Nitrendipine block of cardiac calcium channels: high-affinity binding to the inactivated state. Bean BP. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6388–92

Batrachotoxin changes the properties of the muscarinic receptor in rat brain and heart: possible interaction(s) between muscarinic receptors and sodium channels. Cohen-Armon M, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3524–7

Dual modulation of K channels by thyrotropin-releasing hormone in clonal pituitary cells. Dubinsky JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4282–6

The all-or-none role of innervation in expression of apamin receptor and of apamin-sensitive Ca2+-activated K+ channel in mammalian skeletal muscle. Schmid-Antomarchi H, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2188–91

A calcium-activated cation-selective channel in rat cultured Schwann cells. Bevan S, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22;222(1228):349–55

Cadmium-induced blockade of the cardiac fast Na channels in calf Purkinje fibres. DiFrancesco D, et al. **Proc R Soc Lond [Biol]** 1985 Feb 22;223(1233):475–84

Electrophysiological evidence that local anesthetics and antiarrhythmic drugs bind to a specific receptor site in cardiac sodium channels: displacement of bupivacaine by lidocaine. Clarkson CW, et al. **Proc West Pharmacol Soc** 1984;27:23–5

Quinidine and lidocaine: activation and inactivation block. Hondeghem LM, et al. **Proc West Pharmacol Soc** 1984;27:19–21

Batrachotoxin as a tool to study voltage-sensitive sodium channels of excitable membranes. Khodorov BI. **Prog Biophys Mol Biol** 1985;45(2):57–148 (245 ref.)

In vitro characterization of agonist, antagonist, inverse agonist and agonist/antagonist benzodiazepines. Wood PL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):785–8

Electrophysiological evidence for the inhibition of potassium permeability in pancreatic beta-cells by glibenclamide. Ferrer R, et al. **Q J Exp Physiol** 1984 Oct;69(4):831–9

Evidence for glucose stimulation of intracellular buffering of calcium in the pancreatic beta-cell. Hellman B, et al. **Q J Exp Physiol** 1984 Oct;69(4):867–74

Spontaneous [3H]noradrenaline release from the main pulmonary artery of the rabbit induced by sodium-pump inhibition. Török TL, et al. **Q J Exp Physiol** 1984 Oct;69(4):841–65

The chloride channel opening by GABA as an energy dependent process. Sánchez CM, et al. **Rev Esp Fisiol** 1984 Sep;40(3):375–9

Hormonal regulation of Na+ channels in tight epithelia. Garty H, et al. **Soc Gen Physiol Ser** 1985;39:105–20

The developmental regulation of TTX-sensitive sodium channels in rat skeletal muscle in vivo and in vitro. Sherman SJ, et al. **Soc Gen Physiol Ser** 1985;39:237–63 (43 ref.)

Comparison of known sodium-channel blockers in DFP toxicity. Klemm WR. **Toxicol Lett** 1985 Jun;25(3):307–12

Calcium-complexing versus vasorelaxant effect of acetate, lactate, and other bases. Nawab ZM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:184–8

[Effect of substances modifying calcium movement on the contractility of cultured cardiac cells] Auclair MC, et al. **C R Soc Biol (Paris)** 1985;179(1):74–7 (Eng. Abstr.) **(Fre)**

[Effect of monosaccharides on net ion fluxes across the sperm membrane. Contribution to capacitation] Glander HJ, et al. **Zentralbl Gynakol** 1984;106(10):637–43 (Eng. Abstr.) **(Ger)**

[Adenosine as endogenous calcium-antagonist: in vitro study on polymorphonuclear leukocytes] Laghi-Pasini F, et al. **Recenti Prog Med** 1985 Feb;76(2):91–2 (Eng. Abstr.) **(Ita)**

[Biochemical studies of synaptic membrane and pharmacology. Ion transport system of synaptic membrane and pharmacological action] Nagai K. **Nippon Rinsho** 1985 Apr;43(4):761–9 (96 ref.) **(Jpn)**

[Different sensitivities of two mechanisms of excitation waves in heart tissue to anti-arrhythmia agents--blockers of fast sodium currents] Grenader AK, et al. **Biofizika** 1985 Jan-Feb;30(1):118–23 (Eng. Abstr.) **(Rus)**

[Anti-arrhythmia activity of crown-lactone I and its effect on aconitine-modified sodium channels] Luk'ianenko NG, et al. **Biofizika** 1985 May-Jun;30(3):427–30 (Eng. Abstr.) **(Rus)**

[Channel-forming action--a general property of venoms of spiders in the family Theridiidae (Aranei)] Kazakov I, et al. **Biol Nauki** 1985;(2):30–3 (Eng. Abstr.) **(Rus)**

[Differences in the action of Ca2+ ions on a cumulative Na-channel blockade due to tertiary and quaternary amines] Zaborovskaia LD. **Biull Eksp Biol Med** 1985 Jul;100(7):31–4 (Eng. Abstr.) **(Rus)**

[Mechanism of action of ionophore A-23187 on the slow incoming current of the frog atrium] Iuriavichius IA, et al. **Dokl Akad Nauk SSSR** 1985;281(2):470–2 **(Rus)**

[Barium currents through single calcium channels of a nerve cell membrane] Kostiuk PG, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1459–62 **(Rus)**

[Ion channels in membranes induced by hemolysin from the sea anemone Radianthus macrodactylus] Kozlovskaia EP, et al. **Dokl Akad Nauk SSSR** 1984;277(6):1491–3 **(Rus)**

[Dependence of the protonophore and channel-forming capacity of gossypol on the pH] Krasil'nikov OV, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1245–7 **(Rus)**

[Possible existence of tetrodotoxin-sensitive, potential-dependent chlorine conductivity in the membrane of perfused cardiomyocytes] Pidoplichko VI, et al. **Dokl Akad Nauk SSSR** 1984;279(4):1012–5 **(Rus)**

[Mechanism of the inactivation of fast sodium channels studied by using the neurotoxin from the sea anemone Radiantus macrodactylis and various chemical reagents] Sorokina ZA, et al. **Fiziol Zh** 1984 Sep-Oct;30(5):571–9 (Eng. Abstr.) **(Rus)**

[Steroidal alkaloid batrachotoxin--instrument for studying voltage-regulated sodium channels] Khodorov BI. **Neirofiziologiia** 1985;17(3):409–22 (60 ref.) (Eng. Abstr.) **(Rus)**

[Potential-dependent interaction of chemical reagents with the sodium channel gating mechanism in a nerve fiber] Mozhaeva GN, et al. **Neirofiziologiia** 1984;16(5):577–90 (Eng. Abstr.) **(Rus)**

[Transmembrane effects in the sodium pump system. I. The effect of external potassium and rubidium on the dependence of sodium efflux on sodium concentration in the frog muscle] Marakhova II. **Tsitologiia** 1984 Oct;26(10):1136–44 (Eng. Abstr.) **(Rus)**

[Effect of bivalent metal ions on the fluctuations of ion currents in rat liver mitochondria] Kholmukhamedov EL, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):43–9 (Eng. Abstr.) **(Rus)**

[Interaction of the Latrodectus tredecimguttatus spider venom with liposomes] Trikash IO, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):7–12 (Eng. Abstr.) **(Rus)**

[Prostaglandin E2 as a lipophilic allosteric modulator of the Na pump] Karel'son EI, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):84–7 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Enhanced [3H]-noradrenaline release in synaptosomes from ethanol-tolerant animals: the role of nerve terminal calcium ion concentrations. Lynch MA, et al. **Alcohol Alcohol** 1985;20(1):5–11

Effects of digitalis on cell biochemistry: sodium pump inhibition. Katz AM. **J Am Coll Cardiol** 1985 May;5(5 Suppl A):16A–21A (19 ref.)

Temperature effects on sodium pump phosphoenzyme distribution in human red blood cells. Kaplan JH, et al. **J Gen Physiol** 1985 Jan;85(1):123–36

IMMUNOLOGY

Monoclonal antibodies associated with sodium channel block nerve impulse and stain nodes of Ranvier. Meiri H, et al. **Brain Res** 1984 Sep 17,310(1):168–73

Antigenic differences among the voltage-sensitive sodium channels in the peripheral and central nervous systems and skeletal muscle. Wollner DA, et al. **Brain Res** 1985 Apr 1;331(1):145–9

Complement lysis of nucleated cells: effect of temperature and puromycin on the number of channels required for cytolysis. Ramm LE, et al. **Mol Immunol** 1984 Nov;21(11):1015–21

A noncholinergic site-directed monoclonal antibody can impair agonist-induced ion flux in Torpedo californica acetylcholine receptor. Donnelly D, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7999–8003

Myasthenic serum selectively blocks acetylcholine receptors with long channel open times at developing rat endplates. Schuetze SM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2533–7

METABOLISM

Ionic transport across corneal endothelium. Lyslo A, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):116–25

Effect of K-depletion on 3H-ouabain binding and Na-K-contents in mammalian skeletal muscle. Kjeldsen K, et al. **Acta Physiol Scand** 1984 Oct;122(2):103–17

Biochemical properties of the GABA/barbiturate/benzodiazepine receptor-chloride ion channel complex. Olsen RW, et al. **Adv Exp Med Biol** 1984;175:205–19 (53 ref.)

Calmodulin in the regulation of calcium fluxes in cardiac sarcolemma. Carafoli E. **Adv Myocardiol** 1985;5:97–101

Influence of Na/K pump current on action potentials in Purkinje fibers. Gadsby DC. **Adv Myocardiol** 1985;5:279–94

Molecular approach to the calcium channel. Glossmann H, et al. **Adv Myocardiol** 1985;5:41–76

Chemical, experimental, and clinical studies on endogenous ouabain-like substance in hypertension. Cloix JF, et al. **Adv Nephrol** 1985;14:161–71

Na-K-ATPase: general considerations, role and regulation in the kidney. Doucet A. **Adv Nephrol** 1985;14:87–159 (346 ref.)

Effect of ethanol on [3H]nitrendipine binding to calcium channels in brain membranes. Greenberg DA, et al. **Alcoholism (NY)** 1984 Nov-Dec;8(6):568–71

Familial aggregation of red blood cell cation transport systems in Japanese families. Kagamimori S, et al. **Am J Epidemiol** 1985 Sep;122(3):386–90

Sodium transport inhibition, cell calcium, and hypertension. The natriuretic hormone/Na+-Ca2+ exchange/hypertension hypothesis. Blaustein MP, et al. **Am J Med** 1984 Oct 5;77(4A):45–59 (125 ref.)

The harmful effects of ethanol on ion transport and cellular respiration. Blachley JD, et al. **Am J Med Sci** 1985 Jan;289(1):22–6 (33 ref.)

Erythrocyte concentrations and transmembrane fluxes of sodium and potassium and biochemical measurements during the menstrual cycle in normal women. M'Buyamba-Kabangu JR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):687–93

Ca influx and sarcoplasmic reticulum Ca release in cardiac muscle activation during postrest recovery. Bers DM. **Am J Physiol** 1985 Mar;248(3 Pt 2):H366–81

Reversal of thromboxane A2/prostaglandin H2 and ADP-induced calcium release in intact platelets. Brace LD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H8–13

Amphotericin B-induced active transport of K+ and the Na+-K+ flux ratio in frog corneal epithelium. Candia OA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C454–61

Calcium paradox of the heart: a role for intracellular sodium ions. Chapman RA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H874–9

Na+-K+-ATPase inhibitors and renin release: relationship to calcium. Cruz-Soto M, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F650–5

PGE2, forskolin, and cholera toxin interactions in modulating NaCl transport in mouse mTALH. Culpepper RM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F784–92

Studies on role of calmodulin in Ca2+ regulation of rabbit ileal Na and Cl transport. Donowitz M, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G726–40

Saxitoxin binding and 'fast' sodium channel inhibition in sheep heart plasma membrane. Doyle DD, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H328–36

Chloride movement across basolateral membrane of Necturus gallbladder epithelium. Fisher RS. **Am J Physiol** 1984 Nov;247(5 Pt 1):C495–500

Phorbol ester-induced changes of cytoplasmic pH in neutrophils: role of exocytosis in Na+-H+ exchange. Grinstein S, et al. **Am J Physiol** 1985 Mar;248(3 Pt

1):C379-86
Ion movements in membrane vesicles: a new fluorescence method and application to smooth muscle. Grover AK, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C372-8
NMR measurements of intracellular sodium in the rabbit proximal tubule. Gullans SR, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F160-8
Acute resetting of carotid sinus baroreceptors. II. Possible involvement of electrogenic Na+ pump. Heesch CM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H833-9
Quantitative relation of twitch and tonic tensions to intracellular Na+ activity in cardiac Purkinje fibers. Im WB, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C478-87
Differential effects of corticosteroids on Na+ transport in rat distal colon in vitro. Jorkasky D, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G424-31
Effects of Na+ and K+ on protein adsorption on red blood cell surface. Kikuchi Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H748-53
Reserpine is a calcium channel antagonist in normal and GH3 rat pituitary cells. Login IS, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E15-9
Glucose uptake in porcine carotid artery: relation to alterations in active Na+-K+ transport. Lynch RM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C433-40
Nitrendipine: effects on vascular responses and myocardial binding. McBride W, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H775-83
pH gradient-dependent increased Na+-H+ antiport capacity of the rabbit remnant kidney. Nord EP, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F90-8
Role of Ca2+ in serum-stimulated Na+ influx in normal and transformed cells. Owen NE, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C288-95
Platelet-derived growth factor stimulates Na+ influx in vascular smooth muscle cells. Owen NE. **Am J Physiol** 1984 Nov;247(5 Pt 1):C501-5
Neural and hormonal control of membrane conductance in the pig pancreatic acinar cell. Pearson GT, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G520-6
Isolated perfused head of rainbow trout. II. Ionic fluxes. Perry SF, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R255-61
Hydrogen transport in papillary collecting duct of rabbit kidney. Prigent A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C241-6
Dibutyryl-cAMP increases basolateral sodium conductance of mosquito Malpighian tubules. Sawyer DB, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R339-45
Absence of Cl-OH exchange and NaCl cotransport in rabbit renal microvillus membrane vesicles. Seifter JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F753-9
Evidence for electroneutral chloride transport in rabbit renal cortical brush border membrane vesicles. Shiuan D, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F837-47
Electrolyte transport by alkaline gland of little skate Raja erinacea. Smith PL. **Am J Physiol** 1985 Mar;248(3 Pt 2):R346-52
Insulin binding and effects on glucose and transepithelial transport by alveolar type II cells. Sugahara K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C472-7
Low sodium attenuation of the Ca2+ paradox in the newborn rabbit myocardium. Uemura S, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H345-9
Potassium movements in denervated frog sartorius muscle. Venosa RA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C219-27
Ion transport studies with H+-K+-ATPase-rich vesicles: implications for HCl secretion and parietal cell physiology. Wolosin JM. **Am J Physiol** 1985 Jun;248(6 Pt 1):G595-607 (82 ref.)
Role of sodium cotransport systems in epithelial transport. Kinne R. **Ann NY Acad Sci** 1984;435:39-47 (24 ref.)
Properties of reconstituted ion channels. Latorre R, et al. **Annu Rev Biophys Biophys Chem** 1985;14:79-111 (186 ref.)
Molecular dynamics of ion transport through transmembrane model channels. Polymeropoulos EE, et al **Annu Rev Biophys Biophys Chem** 1985;14:315-30 (99 ref.)
Ion movements through the sodium pump. Kaplan JH. **Annu Rev Physiol** 1985;47:535-44 (54 ref.)
Diffusion of beta-lactam antibiotics through the porin channels of Escherichia coli K-12. Yoshimura F, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):84-92
Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal men and women. M'Buyamba-Kabangu JR, et al. **Arch Gynecol** 1985;236(4):219-24
Sarcolemma-bound calcium. Its importance for cell viability. Borgers M, et al. **Basic Res Cardiol** 1985;80 Suppl 1:30-5
Myocellular calcium regulation by the sarcolemmal membrane in the adult and immature rabbit heart. Boucek RJ Jr, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):316-25
Inhibition of the Na pump--a mechanism in the genesis of cardiac arrhythmias. Glitsch HG. **Basic Res Cardiol** 1984 Nov-Dec;79(6):611-9
Major intrinsic polypeptide (MIP26K) from lens membrane: reconstitution into vesicles and inhibition of channel forming activity by peptide antiserum. Gooden M, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):993-9
Excitation contraction coupling in skeletal muscle: evidence for a role of slow Ca2+ channels using Ca2+ channel activators and inhibitors in the dihydropyridine series. Ildefonse M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):904-9
Dihydropyridine sensitive calcium channels in a smooth muscle cell line. Kongsamut S, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):71-9
The cholesterol content of the human erythrocyte influences calcium influx through the channel. Locher R, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):822-8
Gating and blocking of calcium channels by dihydropyridines in the pancreatic B-cell. Malaisse-Lagae F, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1062-8
High and low affinity states of the dihydropyridine and phenylalkylamine receptors on the cardiac calcium channel and their interconversion by divalent cations. Ptasienski J, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):910-7
Activation of the voltage-dependent Ca2+ channel in rat heart cells by dihydropyridine derivatives. Renaud JF, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):405-12
Stereospecific modulation of the calcium channel in human erythrocytes by cholesterol and its oxidized derivatives. Neyses L, et al. **Biochem J** 1985 Apr 1;227(1):105-12
Binding of GABA receptor channel drugs to a putative voltage-dependent chloride channel in Torpedo electric organ. Abalis IM, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2579-82
Binding of [3H]perhydrohistrionicotoxin and [3H]phencyclidine to the nicotinic receptor-ion channel complex of Torpedo electroplax. Inhibition by histrionicotoxins and derivatives. Aronstam RS, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3037-47
The identification of cytoplasmic membrane calcium-entry channels by ligand-binding studies. Glossmann H, et al. **Biochem Soc Trans** 1984 Dec;12(6):941-3
Gramicidin K, a new linear channel-forming gramicidin from Bacillus brevis. Koeppe RE 2d, et al. **Biochemistry** 1985 Jun 4;24(12):2822-6
Differential labeling of the alpha and beta 1 subunits of the sodium channel by photoreactive derivatives of scorpion toxin. Sharkey RG, et al. **Biochemistry** 1984 Dec 4;23(25):6078-86
Effects of heating on the ion-gating function and structural domains of the acetylcholine receptor. Soler G, et al. **Biochemistry** 1984 Sep 25;23(20):4630-6
Effects of thio-group modifications of Torpedo californica acetylcholine receptor on ion flux activation and inactivation kinetics. Walker JW, et al. **Biochemistry** 1984 May 22;23(11):2329-38
Plasma membrane potential of neutrophils generated by the Na+ pump. Bashford CL, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):174-80
The activation of the sodium pump in pig red blood cells by internal and external cations. Brand SC, et al. **Biochim Biophys Acta** 1985 May 30;845(2):139-50
A quantitative explanation of the effects of some alcohols on gramicidin single-channel lifetime. Elliott JR, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):401-4
Comparison between bretylium and diphenylhydantoin interaction with mucosal sodium-channels. Ilani A, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):323-30
Thermodynamic and kinetic properties of electrogenic ion pumps. Läuger P. **Biochim Biophys Acta** 1984 Sep 3;779(3):307-41 (103 ref.)
alpha-Adrenergic stimulation of trans-sarcolemma electron efflux in perfused rat heart. Possible regulation of Ca2+-channels by a sarcolemma redox system. Löw H, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):142-8
Effect of t-butyl hydroperoxide on liver microsomal membranes and microsomal calcium sequestration. Moore L. **Biochim Biophys Acta** 1984 Nov 7;777(2):216-20
Comparison of the effects of Anemonia toxin II on sodium and gating currents in frog myelinated nerve. Neumcke B, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):111-9
Evidence against involvement of the human erythrocyte plasma membrane Ca2+-ATPase in Ca2+-dependent K+ transport. Verma AK, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):135-8
Rapid reconstitution and characterization of highly-efficient sarcoplasmic reticulum Ca pump. Wakabayashi S, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):266-76
Single chloride-selective channels active at resting membrane potentials in cultured rat skeletal muscle. Blatz AL, et al. **Biophys J** 1985 Jan;47(1):119-23
Calcium- and voltage-activated potassium channels in human macrophages. Gallin EK. **Biophys J** 1984 Dec;46(6):821-5
Stochastic behavior of a many-channel membrane system. Jackson MB. **Biophys J** 1985 Feb;47(2 Pt 1):129-37
Analysis of additively contaminated Lorentzians by integration. Lindemann B. **Biophys J** 1984 Sep;46(3):409-11
Saturation behavior of single, amiloride-sensitive Na+ channels in planar lipid bilayers. Olans L, et al. **Biophys J** 1984 Dec;46(6):831-5
Demyelination as a test for a mobile Na channel modulator in frog node of Ranvier. Pappone PA, et al. **Biophys J** 1985 Feb;47(2 Pt 1):217-23
Simple model can explain self-inhibition of red cell anion exchange. Tanford C. **Biophys J** 1985 Jan;47(1):15-20
Reconstitution of the complement channel into lipid vesicles and planar bilayers starting from the fluid phase complex. Menestrina G, et al. **Biosci Rep** 1985 Feb;5(2):129-36
Neutrophil cytoplasts: relationships of superoxide release and calcium pools. Torres M, et al. **Blood** 1984 Oct;64(4):891-5
Relationship between the stereoselective negative inotropic effects of verapamil enantiomers and their binding to putative calcium channels in human heart. Ferry DR, et al. **Br J Pharmacol** 1985 Apr;84(4):811-24
Changes in the ratio of two separate toxin binding sites on the sodium channel protein during rat brain development. Baumgold J. **Brain Res** 1985 Jan;349(1-2):271-4
Ultrastructural visualization of Na+-channel associated [125I]alpha-scorpion toxin binding sites on fetal mouse nerve cells in culture. Boudier JA, et al. **Brain Res** 1985 May;352(1):137-42
A cadmium-sensitive, tetrodotoxin-resistant sodium channel in bullfrog autonomic axons. Bowers CW. **Brain Res** 1985 Aug 5;340(1):143-7
Ultrastructural localization of voltage-sensitive sodium channels using [125I]alpha scorpion toxin. Cau P, et al. **Brain Res** 1985 May 13;334(1):9-17
Age-related reduced affinity in [3H]nitrendipine labeling of brain voltage-dependent calcium channels. Govoni S, et al. **Brain Res** 1985 May 6;333(2):374-7
Differences in cation transport properties of primary astrocyte cultures from mouse and rat brain. Walz W, et al. **Brain Res** 1985 Aug 12;340(2):333-40
Characterization and purification of a soluble protein controlling Ca-channel activity in paramecium. Haga N, et al. **Cell** 1984 Nov;39(1):71-8
Ca-pumps in smooth muscle: one in plasma membrane and another in endoplasmic reticulum. Grover AK. **Cell Calcium** 1985 Jun;6(3):227-36 (40 ref.)
Single channel currents in mouse embryonal multipotential carcinoma cells. Simonneau M, et al. **Cell Differ** 1985 Jul;17(1):21-8
Phosphorylation of the alpha subunit of the sodium channel by protein kinase C. Costa MR, et al. **Cell Mol Neurobiol** 1984 Sep;4(3):291-7
Evidence for a specific receptor site for lidocaine, quinidine, and bupivacaine associated with cardiac sodium channels in guinea pig ventricular myocardium. Clarkson CW, et al. **Circ Res** 1985 Apr;56(4):496-506
Vascular and adrenal receptors for atrial natriuretic factor in the rat. Schiffrin EL, et al. **Circ Res** 1985 Jun;56(6):801-7
Erythrocyte sodium pump activity in human obesity. Charalambous BM, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):179-87
Single glutamate gated channels in insect visceral muscle. Kits KS, et al. **Comp Biochem Physiol [C]** 1984;79(2):407-12
Twenty questions concerning the reaction cycle of the sarcoplasmic reticulum calcium pump. Tanford C. **CRC Crit Rev Biochem** 1984;17(2):123-51 (126 ref.)
Permeability and gating of lens gap junction channels incorporated into liposomes. Peracchia C, et al. **Curr Eye Res** 1985 Apr;4(4):431-9
The application of patch clamp methods to ocular epithelia. Rae JL. **Curr Eye Res** 1985 Apr;4(4):409-20
Early differentiation of vertebrate spinal neurons in the absence of voltage-dependent Ca2+ and Na+ influx. Bixby JL, et al. **Dev Biol** 1984 Nov;106(1):89-96
Polarity of isolated blastomeres from mouse morulae: detection of transcellular ion currents. Nuccitelli R, et al. **Dev Biol** 1985 Jun;109(2):452-63
Separate fractions of mRNA from Torpedo electric organ induce chloride channels and acetylcholine receptors in Xenopus oocytes. Sumikawa K, et al. **EMBO J** 1984 Oct;3(10):2291-4
Acute stress stimulates the red cell sodium pump in rat. Klimeš I, et al. **Endocrinol Exp (Bratisl)** 1984 Dec;18(4):249-53
Non-equilibrium voltage noise generated by ion transport through pores. Frehland E, et al. **Eur Biophys J** 1985;11(3):167-78
Ca2+-activated K+ permeability in human erythrocytes: modulation of single-channel events. Grygorczyk R, et al. **Eur Biophys J** 1985;12(2):57-65
Interaction between sodium channels in mouse neuroblastoma cells. Kiss T, et al. **Eur Biophys J** 1985;12(1):13-8
Molecular shape and dipole moment of alamethicin-like synthetic peptides. Rizzo V, et al. **Eur Biophys J** 1985;12(2):67-73
A molecular model for ion selectivity in membrane channels. Schröder H. **Eur Biophys J** 1985;11(3):157-65
Sarcoplasmic reticular Ca2+-pump adaptation in cardiac hypertrophy due to pressure overload in pigs. Dhalla NS, et al. **Eur Heart J** 1984 Dec;5 Suppl F:323-8
Pharmacological evidence that the non-neuronal diazepam binding site in primary cultures of glial cells is associated with a calcium channel. Bender AS, et al. **Eur J Pharmacol** 1985 Apr 2;110(2):287-8
1H-NMR study of gramicidin A transmembrane ion channel. Head-to-head right-handed, single-stranded helices. Arseniev AS, et al. **FEBS Lett** 1985 Jul 8;186(2):168-74
Is the transient nature of the secretory response of chromaffin cells due to inactivation of calcium channels? Burgoyne RD, et al. **FEBS Lett** 1985 Mar 11;182(1):115-8
(-)-[3H]Desmethoxyverapamil, a novel Ca2+ channel probe. Binding characteristics and target size analysis of its receptor in skeletal muscle. Goll A, et al. **FEBS Lett** 1984 Oct 29;176(2):371-7
Agonists stimulate divalent cation channels in the plasma membrane of human platelets. Hallam TJ, et al. **FEBS Lett** 1985 Jul 8;186(2):175-9
Halothane inhibits the neurotoxin stimulated

[14C]guanidinium influx through 'silent' sodium channels in rat glioma C6 cells. Tas PW, et al. **FEBS Lett** 1985 Mar 25;182(2):269–72

Role of separate K+ and Cl- channels and of Na+/Cl- cotransport in volume regulation in Ehrlich cells. Hoffmann EK. **Fed Proc** 1985 Jun;44(9):2513–9

A kinetic analysis of the inward calcium current in 108CC15 neuroblastoma x glioma hybrid cells. Hering S, et al. **Gen Physiol Biophys** 1985 Apr;4(2):129–41

Ion transport and oxygen consumption in kidney cortex slices from young and old rats. Proverbio F, et al. **Gerontology** 1985;31(3):166–73

Evidence for a channel for the electrogenic transport of chloride ion in the rat hepatocyte. Bear CE, et al. **Hepatology** 1985 May–Jun;5(3):383–91

Intracellular calcium concentration and calcium transport in the rabbit lens. Hightower KR, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1032–4

Localization of potassium and sodium fluxes in the rat lens. Reszelbach R, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):945–52

Electrical properties of monolayers cultured from cells of human tracheal mucosa. Widdicombe JH, et al. **J Appl Physiol** 1985 May;58(5):1729–35

Cellular calcium metabolism: activation and antagonism. Triggle DJ. **J Asthma** 1984;21(6):375–85

Channel selectivity and gating specificity of calcium-induced calcium release channel in isolated sarcoplasmic reticulum. Nagasaki K, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1769–75

Negative modulation of sodium channels in cultured chick muscle cells by the channel activator batrachotoxin. Bar-Sagi D, et al. **J Biol Chem** 1985 Apr 25;260(8):4740–4

Conus geographus toxins that discriminate between neuronal and muscle sodium channels. Cruz LJ, et al. **J Biol Chem** 1985 Aug 5;260(16):9280–8

Brain ankyrin. A membrane-associated protein with binding sites for spectrin, tubulin, and the cytoplasmic domain of the erythrocyte anion channel. Davis JQ, et al. **J Biol Chem** 1984 Nov 10;259(21):13550–9

Ca2+-dependent, temperature-sensitive regulation of Na+ channels in tight epithelia. A study using membrane vesicles. Garty H, et al. **J Biol Chem** 1985 Jul 15;260(14):8330–5

Characteristics of angiotensin II-, K+- and ACTH-induced calcium influx in adrenal glomerulosa cells. Evidence that angiotensin II, K+, and ACTH may open a common calcium channel. Kojima I, et al. **J Biol Chem** 1985 Aug 5;260(16):9171–6

Purification and functional reconstitution of the voltage-sensitive sodium channel from rabbit T-tubular membranes. Kraner SD, et al. **J Biol Chem** 1985 May 25;260(10):6341–7

Phosphoproteins associated with the regulation of a specific potassium channel in the identified Aplysia neuron R15. Lemos JR, et al. **J Biol Chem** 1985 Mar 10;260(5):3207–14

The sodium channel from rat brain. Separation and characterization of subunits. Messner DJ, et al. **J Biol Chem** 1985 Sep 5;260(19):10597–604

A regulatory calcium-binding site for calcium channel in isolated rat hepatocytes. Poggioli J, et al. **J Biol Chem** 1985 Mar 25;260(6):3289–94

Photoaffinity labeling of components of the apamin-sensitive K+ channel in neuronal membranes. Seagar MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):3895–8

Molecular characteristics and functional reconstitution of muscle voltage-sensitive sodium channels. Barchi RL, et al. **J Cell Biochem** 1984;26(3):135–46

Intracellular sodium activity in the sea urchin egg during fertilization. Shen SS, et al. **J Cell Biol** 1985 Aug;101(2):420–6

Ion channels in lymphocytes. Chandy KG, et al. **J Clin Immunol** 1985 Jan;5(1):1–6 (48 ref.)

Permeation and interaction of divalent cations in calcium channels of snail neurons. Byerly L, et al. **J Gen Physiol** 1985 Apr;85(4):491–518

Altered sodium and gating current kinetics in frog skeletal muscle caused by low external pH. Campbell DT, et al. **J Gen Physiol** 1984 Nov;84(5):771–88

Relative contributions of the slippage and tunneling mechanisms to anion net efflux from human erythrocytes. Fröhlich O. **J Gen Physiol** 1984 Dec;84(6):877–93

Relationship between cell volume and ion transport in the early distal tubule of the Amphiuma kidney. Guggino WB, et al. **J Gen Physiol** 1985 Jul;86(1):31–58

Na/Na exchange through the Na/K pump of HK sheep erythrocytes [letter] Kaplan JH, et al. **J Gen Physiol** 1984 Nov;84(5):839–44

Rapid recovery from K current inactivation on membrane hyperpolarization in molluscan neurons. Ruben P, et al. **J Gen Physiol** 1984 Dec;84(6):861–75

Electroneutral Na-H exchange does not depolarize the resting membrane potential [letter] Scriven DR, et al. **J Gen Physiol** 1985 Jun;85(6):933–5

Structural determinants of the affinity of saxitoxin for neuronal sodium channels. Electrophysiological studies on frog peripheral nerve. Strichartz G. **J Gen Physiol** 1984 Aug;84(2):281–305

Ionic permeation and blockade in Ca2+-activated K+ channels of bovine chromaffin cells. Yellen G. **J Gen Physiol** 1984 Aug;84(2):157–86

The relationship between channel size and the number of C9 molecules in the C5b-9 complex. Ramm LE, et al. **J Immunol** 1985 Apr;134(4):2594–9

The stoichiometry of H+ pumping in cytochrome oxidase and the mechanism of uncoupling. Azzone GF, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):349–56

Stopped-flow studies of cytochrome oxidase reconstituted into liposomes: proton pumping and control of activity. Brunori M, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):373–9

Characteristics and nature of redox-linked proton transfer reactions in cytochrome c oxidase of mitochondria. Papa S, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):317–25 (42 ref.)

Cytochrome c oxidase depleted of subunit III: proton-pumping, respiratory control, and pH dependence of the midpoint potential of cytochrome a. Thompson DA, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):357–64

[3H]Batrachotoxinin A 20 alpha-benzoate binding to voltage-sensitive sodium channels: a rapid and quantitative assay for local anesthetic activity in a variety of drugs. McNeal ET, et al. **J Med Chem** 1985 Mar;28(3):381–8

The mitochondrial voltage-dependent channel, VDAC, is modified asymmetrically by succinic anhydride. Doring C, et al. **J Membr Biol** 1985;83(1–2):87–94

Voltage dependence and ion selectivity of the mitochondrial channel, VDAC, are modified by succinic anhydride. Doring C, et al. **J Membr Biol** 1985;83(1–2):81–6

High-conductance K+ channel in pancreatic islet cells can be activated and inactivated by internal calcium. Findlay I, et al. **J Membr Biol** 1985;83(1–2):169–75

Experimental and theoretical studies on Tl+ interactions with the cation-selective channel of the sarcoplasmic reticulum. Fox J, et al. **J Membr Biol** 1985;84(1):9–23

Studies of sodium channels in rabbit urinary bladder by noise analysis. Lewis SA, et al. **J Membr Biol** 1984;80(2):135–51

Effect of phospholipid surface charge on the conductance and gating of a Ca2+-activated K+ channel in planar lipid bilayers. Moczydlowski E, et al. **J Membr Biol** 1985;83(3):273–82

Monovalent cation permeabilities of the potassium systems in the crab giant axon. Quinta-Ferreira ME, et al. **J Membr Biol** 1985;84(2):117–26

Differential blockage of two types of potassium channels in the crab giant axon. Soria B, et al. **J Membr Biol** 1985;84(2):127–35

The characterization of a monovalent cation-selective channel of mammalian cardiac muscle sarcoplasmic reticulum. Tomlins B, et al. **J Membr Biol** 1984;80(2):191–9

Temperature dependence of single channel currents and the peptide libration mechanism for ion transport through the gramicidin A transmembrane channel. Urry DW, et al. **J Membr Biol** 1984;81(3):205–17

K+ and Cl- conductances in the apical membrane from secreting oxyntic cells are concurrently inhibited by divalent cations. Wolosin JM, et al. **J Membr Biol** 1985;83(3):261–72

The interaction of [3H]PY 108-068 and of [3H]PN 200-110 with calcium channel binding sites in rat brain. Supavilai P, et al. **J Neural Transm** 1984;60(3–4):149–67

Reversible dihydropyridine isothiocyanate binding to brain calcium channels. Greenberg DA, et al. **J Neurochem** 1985 Jan;44(1):319–21

[3H]Nitrendipine binding to calcium channels in bovine and rat pituitary. Titeler M, et al. **J Neurochem** 1985 Jun;44(6):1955–8

Localization of the Na-K pump in turtle retina. Stirling CE, et al. **J Neurocytol** 1985 Feb;14(1):33–47

Characterization of cytoplasmic factors which complement Ca2+ channel mutations in Paramecium tetraurelia. Haga N, et al. **J Neurogenet** 1984 Sep;1(3):259–74

Properties of persistent sodium conductance and calcium conductance of layer V neurons from cat sensorimotor cortex in vitro. Stafstrom CE, et al. **J Neurophysiol** 1985 Jan;53(1):153–70

Immunocytochemical localization of the mammalian voltage-dependent sodium channel using polyclonal antibodies against the purified protein. Haimovich B, et al. **J Neurosci** 1984 Sep;4(9):2259–68

Gating kinetics of nonjunctional acetylcholine receptor channels in developing Xenopus muscle. Kullberg R, et al. **J Neurosci** 1985 Apr;5(4):970–6

Batrachotoxinin-A N-methylanthranilate, a new fluorescent ligand for voltage-sensitive sodium channels. Brown GB, et al. **J Neurosci Methods** 1985 Apr;13(2):119–29

Comparative potencies of calcium channel antagonists and antischizophrenic drugs on central and peripheral calcium channel binding sites. Quirion R, et al. **J Pharm Pharmacol** 1985 Jun;37(6):437–40

Actions of ethanol on voltage-sensitive sodium channels: effects on neurotoxin-stimulated sodium uptake in synaptosomes. Mullin MJ, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):413–9

Calcium channel inactivation in frog (Rana pipiens and Rana moctezuma) skeletal muscle fibres. Cota G, et al. **J Physiol (Lond)** 1984 Sep;354:99–108

Electrogenic active proton pump in Rana esculenta skin and its role in sodium ion transport. Ehrenfeld J, et al. **J Physiol (Lond)** 1985 Feb;359:331–55

Anaesthetic action of esters and ketones: evidence for an interaction with the sodium channel protein in squid axons. Elliott JR, et al. **J Physiol (Lond)** 1984 Sep;354:407–18

Cation activation of the pig kidney sodium pump: transmembrane allosteric effects of sodium. Karlish SJ, et al. **J Physiol (Lond)** 1985 Feb;359:119–49

High selectivity of calcium channels in single dialysed heart cells of the guinea-pig. Lee KS, et al. **J Physiol (Lond)** 1984 Sep;354:253–72

The frog interosseal muscle fiber as a new model for patch clamp studies of chemosensitive- and voltage-sensitive ion channels: actions of acetylcholine and batrachotoxin. Allen CN, et al. **J Physiol (Paris)** 1984;79(4):338–43

New scorpion toxins with a very high affinity for Na+ channels. Biochemical characterization and use for the purification of Na+ channels. Barhanin J, et al. **J Physiol (Paris)** 1984;79(4):304–8

Clinical and biochemical approach of a circulating Na+-pump inhibitor. Devynck MA, et al. **J Physiol (Paris)** 1984;79(6):538–41

Electrophysiology of single cardiac cells. Irisawa H. **Jpn J Physiol** 1984;34(3):375–88 (64 ref.)

Transient kinetics of an inward rectifier K+ channel in the myocardial cell membrane. Taniguchi J, et al. **Jpn J Physiol** 1984;34(6):1123–7

The sodium pump and energy regulation: some new aspects for essential hypertension, diabetes II and severe overweight. Henningsen NC. **Klin Wochenschr** 1985;63 Suppl 3:4–8 (64 ref.)

The sulphonylurea receptor may be an ATP-sensitive potassium channel. Sturgess NC, et al. **Lancet** 1985 Aug 31;2(8453):474–5

Model of anion and monovalent cation transport as neutral ion pairs through lipophilic water channels of the Na,K ATPase complex. Doonan B. **Med Hypotheses** 1985 Mar;16(3):265–77

Solubilization and reconstitution of the calcium release channel of skeletal sarcoplasmic reticulum. Ohnishi ST, et al. **Membr Biochem** 1985;5(4):327–33

Evidence for coordinate genetic control of Na,K pump density in erythrocytes and lymphocytes. DeLuise M, et al. **Metabolism** 1985 Aug;34(8):771–6

Subcellular fractionation of amoebapore and plasma membrane components of Entamoeba histolytica using self-generating Percoll gradients. Rosenberg I, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):231–48

A functional correlate for the dihydropyridine binding site in rat brain. Middlemiss DN, et al. **Nature** 1985 Mar 7–13;314(6006):94–6

Primary structure of Electrophorus electricus sodium channel deduced from cDNA sequence. Noda M, et al. **Nature** 1984 Nov 8–14;312(5990):121–7

Dihydropyridine receptors in muscle are voltage-dependent but most are not functional calcium channels. Schwartz LM, et al. **Nature** 1985 Apr 25–May 1;314(6013):747–51

Cyclic AMP-dependent protein kinase closes the serotonin-sensitive K+ channels of Aplysia sensory neurones in cell-free membrane patches. Shuster MJ, et al. **Nature** 1985 Jan 31–Feb 6;313(6001):392–5

And now the sodium channel [news] Stevens CF. **Nature** 1984 Nov 8–14;312(5990):98–9

(-)-3H-desmethoxyverapamil labelling of putative calcium channels in brain: autoradiographic distribution and allosteric coupling to 1,4-dihydropyridine and diltiazem binding sites. Ferry DR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(2):183–7

Local anesthetic properties of opioids and phencyclidines: interaction with the voltage-dependent, batrachotoxin binding site in sodium channels. Creveling CR, et al. **Neuropeptides** 1985 Feb;5(4–6):253–6

Patch-clamp study of the tetrodotoxin-resistant sodium current in group C sensory neurones. Bossu JL, et al. **Neurosci Lett** 1984 Oct 12;51(2):241–6

Membrane differentiation in rat dorsal root ganglia and possible consequences for back pain. Devor M, et al. **Neurosci Lett** 1984 Oct 26;51(3):341–6

A threshold sodium current in pyramidal cells in rat hippocampus. French CR, et al. **Neurosci Lett** 1985 May 23;56(3):289–93

Cytochemical evidence for an inhomogeneous distribution of sodium channels in the squid giant axon. Greeff NG, et al. **Neurosci Lett** 1985 Jun 12;57(2):153–7

Autoradiographic localization of tetrodotoxin-sensitive Na+ channels in rat brain. Mourre C, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):31–5

Metabolic control of ionic channels in the neuronal membrane. Kostyuk PG. **Neuroscience** 1984 Dec;13(4):983–9 (49 ref.)

Influx of 22Na through acetylcholine receptor-associated Na channels: relationship between 22Na influx, 45Ca influx and secretion of catecholamines in cultured bovine adrenal medulla cells. Wada A, et al. **Neuroscience** 1985 May;15(1):283–92

Altered membrane lipid composition: a possible molecular basis of vitamin D action. **Nutr Rev** 1984 Oct;42(10):357–8

Pump function of the human corneal endothelium. Effects of age and cornea guttata. Geroski DH, et al. **Ophthalmology** 1985 Jun;92(6):759–63

Single K+ channels in membrane evaginations of smooth muscle cells. Berger W, et al. **Pflugers Arch** 1984 Sep;402(1):18–23

On the temperature dependence of the Na pump in sheep Purkinje fibres. Glitsch HG, et al. **Pflugers Arch** 1984 Sep;402(1):109–15

Prenatal ultrasonic findings in congenital chloride diarrhoea.

Kirkinen P, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):457-61

Calcium currents in GH3 cultured pituitary cells under whole-cell voltage-clamp: inhibition by voltage-dependent potassium currents. Barros F, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1108-12

gamma-Aminobutyric acid receptor channels in adrenal chromaffin cells: a patch-clamp study. Bormann J, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2168-72

Phosphorylation of the calcium antagonist receptor of the voltage-sensitive calcium channel by cAMP-dependent protein kinase. Curtis BM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2528-32

Regional distribution of calcium influx into bursting neurons detected with arsenazo III. Graubard K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5565-9

Monomeric solubilized sarcoplasmic reticulum Ca pump protein: demonstration of Ca binding and dissociation coupled to ATP hydrolysis. Martin DW, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6623-6

A large intracellular pool of inactive Na channel alpha subunits in developing rat brain. Schmidt J, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4847-51

Voltage-dependent sodium and potassium channels in mammalian cultured Schwann cells. Shrager P, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):948-52

Ionic responses rapidly elicited by activation of protein kinase C in quiescent Swiss 3T3 cells. Vara F, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2384-8

Inactivation of Ca channels. Eckert R, et al. **Prog Biophys Mol Biol** 1984;44(3):215-67 (254 ref.)

Characteristics of calcium channels in isolated nerve endings from rat brain. Nachshen DA. **Prog Clin Biol Res** 1984;168:65-8

Single calcium channels from rat brain in planar lipid bilayers. Nelson MT. **Prog Clin Biol Res** 1984;168:59-64

Open ion channels behave as simple size-selective filters bearing fixed counter-ions. Stein WD. **Prog Clin Biol Res** 1984;168:51-8

The response of pancreatic beta-cell membrane potential to potassium-induced calcium influx in the presence of glucose. Dawson CM, et al. **Q J Exp Physiol** 1984 Oct;69(4):819-30

The effect of hyperthermia on the sodium-potassium pump in Chinese hamster ovary cells. Bates DA, et al. **Radiat Res** 1985 Sep;103(3):441-51

Transmembrane Na/K exchanges under electromagnetic fields. Preliminary study on human erythrocytes. Hinsenkamp M, et al. **Reconstr Surg Traumatol** 1985;19:63-9

A method for the determination of the total number of 3H-ouabain binding sites in biopsies of human skeletal muscle. Nørgaard A, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):509-18

Ion channels in plasmalemma of wheat protoplasts. Moran N, et al. **Science** 1984 Nov 16;226(4676):835-8

Rapid insertion and retrieval of pumps and channels into membranes by exocytosis and endocytosis. Al-Awqati Q. **Soc Gen Physiol Ser** 1985;39:149-57 (17 ref.)

[Ion channels and neurotransmission] Akerman KE, et al. **Duodecim** 1985;101(3):353-62 **(Fin)**

[Active calcium and sodium transport by cardiac plasma membranes in the genetically hypertensive rat] David-Dufilho M, et al. **Arch Mal Coeur** 1984 Oct;77(11):1261-5 (Eng. Abstr.) **(Fre)**

[Circulating inhibitor of the Na+-K+ pump in essential hypertension. Physiological and pharmacological variations] Pernollet MG, et al. **Arch Mal Coeur** 1984 Oct;77(11):1283-7 (Eng. Abstr.) **(Fre)**

[Drug permeation through artificial lipid membranes. 17. The mechanism of ion pair transport] Neubert R, et al. **Pharmazie** 1984 Jun;39(6):401-3 (Eng. Abstr.) **(Ger)**

[The mechanism of the sodium pump] Hara Y. **Tanpakushitsu Kakusan Koso** 1984 Jul;29(7):564-72 (52 ref.) **(Jpn)**

[Possible effect of the surface of ideally-polarized metals on ion transport in the cellular membrane] Egorov EI. **Biofizika** 1984 Jul-Aug;29(4):686-8 (Eng. Abstr.) **(Rus)**

[Relation between the measured exchange constant and the microscopic structure of membrane channels] Gal'chuk LI, et al. **Biofizika** 1984 Nov-Dec;29(6):977-9 (Eng. Abstr.) **(Rus)**

[Possible mechanism of the stimulation of cell proliferation by different damaging agents] Grenader AK. **Biofizika** 1984 Sep-Oct;29(5):840-1 (Eng. Abstr.) **(Rus)**

[Effect of amphotericin B added to one side of a membrane] Kasumov KhM, et al. **Biofizika** 1985 Mar-Apr;30(2):281-4 (Eng. Abstr.) **(Rus)**

[Potassium conductivity of the plasma membrane of frog photoreceptor cells] Kolesnikov SS, et al. **Biofizika** 1984 Sep-Oct;29(5):786-9 (Eng. Abstr.) **(Rus)**

[Resistance of various protein channels to proteolytic degradation] Krasil'nikov OV, et al. **Biofizika** 1985 Jan-Feb;30(1):79-81 (Eng. Abstr.) **(Rus)**

[Resonance phenomena in membranes containing ion channels with inactivation] Markevich NI, et al. **Biofizika** 1984 Sep-Oct;29(5):816-21 (Eng. Abstr.) **(Rus)**

[Ion channels formed in bilayer lipid membranes by large subunits of Na,K-ATPase and activated by ATP and p-nitrophenylphosphate] Mironov GP, et al. **Biofizika** 1984 Jul-Aug;29(4):688-90 (Eng. Abstr.) **(Rus)**

[A selective filter model of the potassium channel] Nazarenko AIu. **Biofizika** 1984 Jul-Aug;29(4):607-9 (Eng. Abstr.) **(Rus)**

[Channel-forming properties of Steatoda paykulliana spider venom] Sokolov IuV, et al. **Biofizika** 1984 Jul-Aug;29(4):620-3 (Eng. Abstr.) **(Rus)**

[Relation between sodium pump activity and the osmotic pressure of the medium] Suleimanian MA, et al. **Biofizika** 1984 Sep-Oct;29(5):822-6 (Eng. Abstr.) **(Rus)**

[Synthesis and biological activity of 7,8-dihydro derivatives of batrachotoxinin interacting with fast sodium channels] Elin EA, et al. **Bioorg Khim** 1983 Jul;9(7):990-3 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation and the functioning of the Ca pump of the sarcoplasmic reticulum of skeletal muscle in hypercholesterolemia] Timofeev AA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):55-7 (Eng. Abstr.) **(Rus)**

[Role of receptor- and calmodulin-dependent processes in the regulation of cellular activity and in the development of cardiovascular pathology] Tkachuk VA, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):108-13 **(Rus)**

[Single conductivity channels in membranes formed from mitochondrial lipids] Iurkov IS, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1475-7 **(Rus)**

[Evidence of the existence of potential-dependent Na+- and Ca2+--channels in thrombocytes] Kravtsov GM, et al. **Dokl Akad Nauk SSSR** 1984;279(2):508-12 **(Rus)**

[Positive cooperation in the binding of tetrodotoxin by sodium channels of neurons of the spinal ganglia of rats induced by anemotoxin RTX-III] Sorokina ZA, et al. **Dokl Akad Nauk SSSR** 1985;282(2):433-6 **(Rus)**

[Transmembrane effects in the sodium pump system. II. The ratio of the sodium efflux to the sodium concentration in frog muscle in media with various sodium substitutes] Vinogradova TA, et al. **Tsitologiia** 1985 Jan;27(1):59-64 (Eng. Abstr.) **(Rus)**

[Biochemical studies of potential-dependent sodium channels] Gimmel'reikh NG. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):89-105 (92 ref.) (Eng. Abstr.) **(Rus)**

[The role of lipolysis and lipid peroxidation in the induction of ion transport in mitochondria after freezing and thawing] Petrenko AIu, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):656-60 (Eng. Abstr.) **(Rus)**

[Mitochondrial participation in regulating the transmembrane Ca2+ current within myocardial cells] Alabovskiĭ VV, et al. **Usp Fiziol Nauk** 1985 Jan-Mar;16(1):3-20 (185 ref.) **(Rus)**

[The effect of procaine on calcium channels and excitation-contraction coupling of muscle membranes with calcium electrogenesis] Zacharová D, et al. **Bratisl Lek Listy** 1985 Mar;83(3):252-64 (Eng. Abstr.) **(Slo)**

[Active cationic flux and arterial hypertension] Coca A. **Med Clin (Barc)** 1984 Oct 6;83(10):414-16 **(Spa)**

[Changes in transmembrane cationic flux in essential arterial hypertension] Coca A, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):397-403 (Eng. Abstr.) **(Spa)**

[Circadian rhythm of ionic calcium. Influence of specimen handling on serum levels] Vázquez Gámez MA, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):223-6 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Neuromodulatory roles of adenosine receptors coupling to the calcium channel and adenylate cyclase. Kuroda Y. **Adv Exp Med Biol** 1984;175:145-58 (25 ref.)

The measurement of cardiac membrane channels following their incorporation into phospholipid bilayers. Williams AJ. **Adv Myocardiol** 1985;5:77-84

Ethynylestradiol impairs bile salt uptake and Na-K pump function of rat hepatocytes. Berr F, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G437-43

Intracellular acidosis blocks the basolateral Na-K pump in rabbit urinary bladder. Eaton DC, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F946-54

Na-Ca exchange: stoichiometry and electrogenicity. Eisner DA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C189-202 (97 ref.)

Viewing the kidney through microelectrodes. Frömter E. **Am J Physiol** 1984 Nov;247(5 Pt 2):F695-705

Forskolin and antidiuretic hormone stimulate a Ca2+-activated K+ channel in cultured kidney cells. Guggino SE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F448-55

Single-channel recordings from amiloride-sensitive epithelial sodium channel. Hamilton KL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C200-7

Intestinal nerves and ion transport: stimuli, reflexes, and responses. Hubel KA. **Am J Physiol** 1985 Mar;248(3 Pt 1):G261-71 (114 ref.)

Oncogenes, ions, and phospholipids. Macara IG. **Am J Physiol** 1985 Jan;248(1 Pt 1):C3-11 (93 ref.)

Calcium in neural control of renal circulation. Mejia G, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F739-45

Cation channels from Tetrahymena cilia incorporated into planar lipid bilayers. Oosawa Y, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C177-9

Functional modulation of cell coupling: evidence for a calmodulin-driven channel gate. Peracchia C, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H765-82 (165 ref.)

Insulin stimulation of an electrogenic pump at high extracellular potassium concentration. Wu FS, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E12-6

Ionic and acid-base regulation of neurons and glia during seizures. Woodbury DM, et al. **Ann Neurol** 1984;16 Suppl:S135-44

Corticosteroids and the active ion transport of the isolated human lens. Kana JS, et al. **Ann Ophthalmol** 1984 Nov;16(11):1034-9

Evidence for Ca-mediated inactivation of ICa in dialysed guinea-pig atrial cardioballs. Bechem M, et al. **Basic Res Cardiol** 1985;80 Suppl 1:101-5

Cardiac membrane currents and energetic state. Osterrieder W, et al. **Basic Res Cardiol** 1985;80 Suppl 1:107-10

Measurements of single-channel currents in the membrane of isolated cells: ATP-dependence of K+-channels. Trube G. **Basic Res Cardiol** 1985;80 Suppl 1:97-9

Ion and membrane changes in the brain during anoxia. Hansen AJ. **Behav Brain Res** 1984 Nov;14(2):93-8

A smooth muscle cell line suitable for the study of voltage sensitive calcium channels. Rüegg UT, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):447-53

The 35 kDa DCCD-binding protein from pig heart mitochondria is the mitochondrial porin. De Pinto V, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):230-42

HeLa cells have histamine H1-receptors which mediate activation of the K+ conductance. Hazama A, et al. **Biochim Biophys Acta** 1985 May 30;845(2):249-53

Determining the kinetics of membrane pores from patch clamp data without measuring the open and closed times. Liebovitch LS, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):132-6

Presence of a Ca2+-dependent K+ channel in brown adipocytes. Possible role in maintenance of alpha 1-adrenergic stimulation. Nånberg E, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):42-9

Spatial information capacity of eyes: roles of Na+ channels and photon noise in photoreceptor. Gupta BD. **Biol Cybern** 1984;50(6):395-400

Poly(DL-proline), a synthetic polypeptide behaving as an ion channel across bilayer membranes. De Santis P, et al. **Biophys Chem** 1985 Mar;21(3-4):211-5

Model calculations of polarization effects in elastic membrane channels. Schröder H. **Biophys Chem** 1984 Aug;20(1-2):157-73

Coupling between fluxes in one-particle pores with fluctuating energy profiles. A theoretical study. Ciani S. **Biophys J** 1984 Aug;46(2):249-52

Ionic channels in a line of embryonal carcinoma cells induced to undergo neuronal differentiation. Ebihara L, et al. **Biophys J** 1984 Dec;46(6):827-30

Some unexpected consequences of a simple physical mechanism for voltage-dependent gating in biological membranes. Finkelstein A, et al. **Biophys J** 1984 Nov;46(5):549-58

Channel currents during spontaneous action potentials in embryonic chick heart cells. The action potential patch clamp. Fischmeister R, et al. **Biophys J** 1984 Aug;46(2):267-71

Conductance and selectivity properties of a substate of the rabbit sarcoplasmic reticulum channel. Fox JA. **Biophys J** 1985 Apr;47(4):573-6

Incorporation of ion channels from bovine rod outer segments into planar lipid bilayers. Hanke W, et al. **Biophys J** 1984 Nov;46(5):587-95

Further evidence that membrane thickness influences voltage-gated sodium channels. Hendry BM, et al. **Biophys J** 1985 Jun;47(6):841-5

Ion currents through pores. The roles of diffusion and external access steps in determining the currents through narrow pores. Hladky SB. **Biophys J** 1984 Sep;46(3):293-7

Interaction of K+ ion with the solvated gramicidin A transmembrane channel. Kim KS, et al. **Biophys J** 1985 Mar;47(3):327-35

Kinetic analysis of channel gating. Application to the cholinergic receptor channel and the chloride channel from Torpedo californica. Labarca P, et al. **Biophys J** 1985 Apr;47(4):469-78

Ionic channels with conformational substates. Läuger P. **Biophys J** 1985 May;47(5):581-90

Molecular dynamics simulation of cation motion in water-filled gramicidinlike pores. Lee WK, et al. **Biophys J** 1984 Dec;46(6):805-19

Strong electrolyte continuum theory solution for equilibrium profiles, diffusion limitation, and conductance in charged ion channels. Levitt DG. **Biophys J** 1985 Jul;48(1):19-31

Seasonal changes in the properties of frog. End-plate channels. Lewis CA. **Biophys J** 1984 Aug;46(2):273-6

Structure and dynamics of ion transport through gramicidin A. Mackay DH, et al. **Biophys J** 1984 Aug;46(2):229-48

A general solution to the time interval omission problem applied to single channel analysis. Roux B, et al. **Biophys J** 1985 Jul;48(1):149-58

Open channel noise. I. Noise in acetylcholine receptor currents suggests conformational fluctuations. Sigworth FJ. **Biophys J** 1985 May;47(5):709-20

Kinetic analysis of sodium channel block by internal methylene blue in pronased crayfish giant axons. Starkus JG, et al. **Biophys J** 1984 Aug;46(2):205-18

The source of the dispersity of gramicidin A single-channel conductances. The L X Leu5-gramicidin A analog. Urry DW, et al. **Biophys J** 1984 Aug;46(2):259-65

Influence of the extracellular ionic environment on ganglionic fast excitatory postsynaptic currents. Connor EA, et al. **Brain Res** 1985 Jul 29;339(2):227-35

Intracellular Ca2+-ions inactivate K+-current in bullfrog sympathetic neurons. Tokimasa T. **Brain Res** 1985 Jul 1; 337(2):386-91

Unusual potassium channels mediate nonadrenergic noncholinergic nerve-mediated inhibition in opossum esophagus. Jury J, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):107-12

Norepinephrine-stimulated vascular prostacyclin synthesis. Receptor-dependent calcium channels control prostaglandin synthesis. Stewart D, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1341-7

Characterization of the voltage-gated Na+ and Ca2+ currents in identifiable cerebral A neurons of Aplysia. Farquharson DA, et al. **Cell Mol Neurobiol** 1984 Jun; 4(2):97-115

Comments on 'Maximal upstroke velocity as an index of available sodium conductance: comparison of maximal upstroke velocity and voltage clamp measurements of sodium current in rabbit Purkinje fibers' [letter] **Circ Res** 1985 Jul;57(1):192-8

New studies of the excitatory sodium currents in heart muscle. Fozzard HA, et al. **Circ Res** 1985 Apr;56(4):475-85 (127 ref.)

Transient outward current carried by potassium and sodium in quiescent atrioventricular node cells of rabbits. Nakayama T, et al. **Circ Res** 1985 Jul;57(1):65-73

The role of proctolin and glutamate in the excitation-contraction coupling of insect visceral muscle. Cook BJ, et al. **Comp Biochem Physiol [C]** 1985;80(1):65-73

Calcium-pump and its modulator in the lens: a review. Iwata S. **Curr Eye Res** 1985 Mar;4(3):299-305

Colicin channels and cellular immunity. Kayalar C, et al. **Curr Top Cell Regul** 1984;24:301-12

Patterns of ionic current through Drosophila follicles and eggs. Overall R, et al. **Dev Biol** 1985 Mar;108(1):102-19

Interactions between PI and slow PIII in the generation of the electroretinogram c-wave. Nilsson SE. **Dev Ophthalmol** 1984;9:53-8

Mathematical analysis of the changes in the action potential and ionic currents of frog muscle fibres at different temperatures. Stephanova DI. **Electromyogr Clin Neurophysiol** 1984 Nov-Dec; 24(7):599-610

Single voltage-dependent and outward rectifying K+-channels in isolated rat heart cells. Schreibmayer W, et al. **Eur Biophys J** 1985;11(4):259-63

A model for the resistance of the proton channel formed by the proteolipid of ATPase. Schulten Z, et al. **Eur Biophys J** 1985;11(3):149-55

Ca-exchange, Ca-channels and Ca-antagonists. Droogmans G, et al. **Experientia** 1985 Jul 15;41(7):895-900 (82 ref.)

Quinine inhibits Ca2+-independent K+ channels whereas tetraethylammonium inhibits Ca2+-activated K+ channels in insulin-secreting cells. Findlay I, et al. **FEBS Lett** 1985 Jun 3;185(1):4-8

Generation of the electrochemical potential of Na+ by the Na+-motive NADH oxidase in inverted membrane vesicles of Vibrio alginolyticus. Tokuda H, et al. **FEBS Lett** 1985 Apr 8;183(1):95-8

Role of adrenal hormones in regulating distal nephron structure and ion transport. Stanton BA. **Fed Proc** 1985 Aug;44(11):2717-22 (29 ref.)

Sodium and calcium currents in neuroblastoma x glioma hybrid cells before and after morphological differentiation by dibutyryl cyclic AMP. Bodewei R, et al. **Gen Physiol Biophys** 1985 Apr;4(2):113-27

Interaction of potassium ions and tetrodotoxin (TTX) with inactivated sodium channels in isolated rat myocardial cells. Burnashev NA, et al. **Gen Physiol Biophys** 1984 Dec; 3(6):507-9

Ca2+-induced activation and irreversible inactivation of chloride channels in the perfused plasmalemma of Nitellopsis obtusa. Kataev AA, et al. **Gen Physiol Biophys** 1984 Dec;3(6):447-62

Potential-dependent calcium blockage of normal and aconitine-modified sodium channels in frog node of Ranvier. Mozhayeva GN, et al. **Gen Physiol Biophys** 1985 Aug;4(4):425-7

Effect of pH on fast sodium channels in neurons of the rat dorsal root ganglion. Negulyaev YuA, et al. **Gen Physiol Biophys** 1985 Aug;4(4):359-65

Electrogenic proton pump in Nitella and the effect of calcium. Vuletić M, et al. **Gen Physiol Biophys** 1985 Apr; 4(2):195-200

The role of inactivation in the cumulative blockage of voltage-dependent sodium channels by local anesthetics and antiarrythmics. Zaborovskaya LD, et al. **Gen Physiol Biophys** 1984 Dec;3(6):517-20

Mutants with altered Ca2+-channel properties in Paramecium tetraurelia: isolation, characterization and genetic analysis. Hinrichsen RD, et al. **Genetics** 1984 Nov; 108(3):545-58

Ion selectivity of gram-negative bacterial porins. Benz R, et al. **J Bacteriol** 1985 May;162(2):722-7

Different Ca2+ channels along the arterial tree. Cauvin C, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S4-10

The 1,4-dihydropyridine receptor: a regulatory component of the Ca2+ channel. Triggle DJ, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S949-55 (62 ref.)

Changes of membrane currents during learning. Alkon DL. **J Exp Biol** 1984 Sep;112:95-112 (70 ref.)

Two kinds of calcium channels in canine atrial cells. Differences in kinetics, selectivity, and pharmacology. Bean BP. **J Gen Physiol** 1985 Jul;86(1):1-30

Calcium mediates the light-induced decrease in maintained K+ current in Limulus ventral photoreceptors. Chinn K, et al. **J Gen Physiol** 1984 Sep;84(3):447-62

Simulated calcium current can both cause calcium loading in and trigger calcium release from the sarcoplasmic reticulum of a skinned canine cardiac Purkinje cell. Fabiato A. **J Gen Physiol** 1985 Feb;85(2):291-320

Modulation of calcium channels by norepinephrine in internally dialyzed avian sensory neurons. Forscher P, et al. **J Gen Physiol** 1985 May;85(5):743-63

An ion's view of the potassium channel. The structure of the permeation pathway as sensed by a variety of blocking ions. French RJ, et al. **J Gen Physiol** 1985 May; 85(5):669-98

Electrophysiology of flounder intestinal mucosa. I. Conductance properties of the cellular and paracellular pathways. Halm DR, et al. **J Gen Physiol** 1985 Jun; 85(6):843-64

Electrophysiology of flounder intestinal mucosa. II. Relation of the electrical potential profile to coupled NaCl absorption. Halm DR, et al. **J Gen Physiol** 1985 Jun; 85(6):865-83

Statistical properties of single sodium channels. Horn R, et al. **J Gen Physiol** 1984 Oct;84(4):505-34

Inactivation of calcium channel current in the calf cardiac Purkinje fiber. Evidence for voltage- and calcium-mediated mechanisms. Kass RS, et al. **J Gen Physiol** 1984 Nov;84(5):705-26

Slow currents through single sodium channels of the adult rat heart. Patlak JB, et al. **J Gen Physiol** 1985 Jul; 86(1):89-104

Active ion transport in the renal proximal tubule. III. The ATP dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):643-62

Active ion transport in the renal proximal tubule. II. Ionic dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):623-42

Sodium channel activation in the squid giant axon. Steady state properties. Stimers JR, et al. **J Gen Physiol** 1985 Jan; 85(1):65-82

Interactions of organic calcium channel antagonists with calcium channels in single frog atrial cells. Uehara A, et al. **J Gen Physiol** 1985 May;85(5):621-47

Inactivation viewed through single sodium channels. Vandenberg CA, et al. **J Gen Physiol** 1984 Oct;84(4):535-64

Activation of squid axon K+ channels. Ionic and gating current studies. White MM, et al. **J Gen Physiol** 1985 Apr; 85(4):539-54

Altered corticosteroid control of the erythrocyte sodium-potassium pump in the spontaneously hypertensive rat. Stern N, et al. **J Hypertens** 1983 Dec;1(4):339-43

Electroimmunology: the physiologic role of ion channels in the immune system. Chandy KG, et al. **J Immunol** 1985 Aug;135(2 Suppl):787s-791s

Slow potential changes due to transport number effects in cells with unstirred membrane invaginations or dendrites. Barry PH. **J Membr Biol** 1984;82(3):221-39

Comparison of time constants of single channel patches, quantum bumps, and noise analysis in Limulus ventral photoreceptors. Dirnberger G, et al. **J Membr Biol** 1985; 83(1-2):39-43

Mechanism of inhibition of net ion transport across frog corneal epithelium by calcium channel antagonists. Huff JW, et al. **J Membr Biol** 1985;85(3):215-23

Action of tetraethylammonium on calcium-activated potassium channels in pig pancreatic acinar cells studied by patch-clamp single-channel and whole-cell current recording. Iwatsuki N, et al. **J Membr Biol** 1985; 86(2):139-44

Single-channel recordings of apical membrane chloride conductance in A6 epithelial cells. Nelson DJ, et al. **J Membr Biol** 1984;80(1):81-9

Single-channel analysis of a potassium inward rectifier in myocytes of newborn rat heart. Payet MD, et al. **J Membr Biol** 1985;86(2):79-88

Channels formed by colicin E1 in planar lipid bilayers are large and exhibit pH-dependent ion selectivity. Raymond L, et al. **J Membr Biol** 1985;84(2):173-81

Membrane fractionation of canine aortic smooth muscle: subcellular distribution of calcium transport activity. Kwan CY, et al. **J Mol Cell Cardiol** 1984 Aug;16(8):747-64

Evidence for electrogenic Na+ pumping in human atrial myocardium. Rasmussen HH, et al. **J Mol Cell Cardiol** 1984 Aug;16(8):771-3

Membrane mechanism of neuroendocrine caudo-dorsal cell inhibition by the ring neuron in the pond snail Lymnaea stagnalis. Jansen RF, et al. **J Neurobiol** 1985 Jan;16(1):15-26

Regulation of calcium influx into buccal muscles of Aplysia by acetylcholine and serotonin. Ram JL, et al. **J Neurobiol** 1985 Jan;16(1):57-68

Determinants of deoxyglucose uptake in cultured astrocytes: the role of the sodium pump. Brookes N, et al. **J Neurochem** 1985 Feb;44(2):473-9

Altered sensitivity to sodium channel-specific neurotoxins in cultured neurons from temperature-sensitive paralytic mutants of Drosophila. Suzuki N, et al. **J Neurogenet** 1984 Sep;1(3):225-38

Simulation of synaptic depression, posttetanic potentiation, and presynaptic facilitation of synaptic potentials from sensory neurons mediating gill-withdrawal reflex in Aplysia. Gingrich KJ, et al. **J Neurophysiol** 1985 Mar; 53(3):652-69

Rectification of single GABA-gated chloride channels in adult hippocampal neurons. Gray R, et al. **J Neurophysiol** 1985 Jul;54(1):134-42

Calcium spike and calcium-dependent potassium conductance in mechanosensory neurons of the lamprey. Leonard JP, et al. **J Neurophysiol** 1985 Jan;53(1):171-82

Transient voltage and calcium-dependent outward currents in hippocampal CA3 pyramidal neurons. Zbicz KL, et al. **J Neurophysiol** 1985 Apr;53(4):1038-58

Voltage clamp analysis of tetrodotoxin-sensitive and -insensitive sodium channels in rat muscle cells developing in vitro. Gonoi T, et al. **J Neurosci** 1985 Sep;5(9):2559-64

Voltage clamp analysis of sodium channels in normal and scorpion toxin-resistant neuroblastoma cells. Gonoi T, et al. **J Neurosci** 1984 Nov;4(11):2836-42

Neonatal denervation inhibits the normal postnatal decrease in endplate channel open time. Schuetze SM, et al. **J Neurosci** 1984 Sep;4(9):2297-302

Calcium channels in rat brain synaptosomes: identification and pharmacological characterization. High affinity blockade by organic Ca2+ channel blockers. Turner TJ, et al. J **Neurosci** 1985 Mar;5(3):841-9

The measurement of changes in intracellular free calcium during action potentials in mammalian neurones. McBurney RN, et al. **J Neurosci Methods** 1985 Mar;13(1):65-76

Single channel activity differs in growing and nongrowing growth cones of isolated identified neurons of Helisoma. Cohan CS, et al. **J Neurosci Res** 1985;13(1-2):285-300

Phasic and tonic components in 5-HT2 receptor-mediated rat aorta contraction: participation of Ca++ channels and phospholipase C. Nakaki T, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):442-6

Non-selective conductance in calcium channels of frog muscle: calcium selectivity in a single-file pore. Almers W, et al. **J Physiol (Lond)** 1984 Aug;353:585-608

A non-selective cation conductance in frog muscle membrane blocked by micromolar external calcium ions. Almers W, et al. **J Physiol (Lond)** 1984 Aug;353:565-83

Ionic permeabilities of the gill lamina cuticle of the crayfish, Astacus leptodactylus (E). Avenet P, et al. **J Physiol (Lond)** 1985 Jun;363:377-401

Induction and disappearance of excitability in the oocyte of Xenopus laevis: a voltage-clamp study. Baud C, et al. **J Physiol (Lond)** 1984 Nov;356:275-89

Acetylcholine receptor channel properties during development of Xenopus muscle cells in culture. Brehm P, et al. **J Physiol (Lond)** 1984 Dec;357:203-17

A voltage-gated potassium channel in human T lymphocytes. Cahalan MD, et al. **J Phys[illegible]Lond)** 1985 Jan;358:197-237

The kinetics of recovery and development of potassium channel inactivation in perfused squid (Loligo pealei) giant axons. Chabala LD. **J Physiol (Lond)** 1984 Nov; 356:193-220

Trifluoperazine reduces inward ionic currents and secretion by separate mechanisms in bovine chromaffin cells. Clapham DE, et al. **J Physiol (Lond)** 1984 Aug;353:541-64

Two types of calcium channels in the somatic membrane of new-born rat dorsal root ganglion neurones. Fedulova SA, et al. **J Physiol (Lond)** 1985 Feb;359:431-46

Currents carried by monovalent cations through calcium channels in mouse neoplastic B lymphocytes. Fukushima Y, et al. **J Physiol (Lond)** 1985 Jan;358:255-84

Mechanotransducer ion channels in chick skeletal muscle: the effects of extracellular pH. Guharay F, et al. **J Physiol (Lond)** 1985 Jun;363:119-34

Slowly inactivating potassium channels induced in Xenopus oocytes by messenger ribonucleic acid from Torpedo brain. Gundersen CB, et al. **J Physiol (Lond)** 1984 Aug;353:231-48

The ionic selectivity and calcium dependence of the light-sensitive pathway in toad rods. Hodgkin AL, et al. **J Physiol (Lond)** 1985 Jan;358:447-68

Fertilization-induced ionic conductances in eggs of the frog, Rana pipiens. Jaffe LA, et al. **J Physiol (Lond)** 1985 Jan; 358:299-319

Calcium-dependent inward current in Aplysia bursting pace-maker neurones. Kramer RH, et al. **J Physiol (Lond)** 1985 May;362:107-30

Ionic conductance associated with electrical activity of guinea-pig red nucleus neurones in vitro. Kubota M, et al. **J Physiol (Lond)** 1985 May;362:161-71

Inactivation of calcium channels in mammalian heart cells: joint dependence on membrane potential and intracellular calcium. Lee KS, et al. **J Physiol (Lond)** 1985 Jul; 364:395-411

Three types of calcium-dependent channel in rat lacrimal glands. Marty A, et al. **J Physiol (Lond)** 1984 Dec; 357:293-325

Isolation of calcium current and its sensitivity to monovalent cations in dialysed ventricular cells of guinea-pig. Matsuda H, et al. **J Physiol (Lond)** 1984 Dec;357:553-73

The reduction of calcium current associated with early differentiation of the murine embryo. Mitani S. **J Physiol (Lond)** 1985 Jun;363:71-86

Properties of single potassium channels in vesicles formed from the sarcolemma of frog skeletal muscle. Standen NB, et al. **J Physiol (Lond)** 1985 Jul;364:339-58

Physiological role of apical potassium ion channels in frog skin. Van Driessche W. **J Physiol (Lond)** 1984 Nov; 356:79-95

A novel mechanism for voltage control of channel conductance. Colombini M. **J Theor Biol** 1984 Oct 21; 110(4):559-67

Transient increase in the slow inward current following acetylcholine removal in catecholamine-treated guinea-pig Purkinje fibers. Ehara T, et al. **Jpn J Physiol** 1984; 34(4):775-9

Potential dependency of the electrogenic Na+-pump current in bullfrog atrial muscles. Hasuo H, et al. **Jpn J Physiol** 1985;35(1):89-100

Cortical collecting tubule potassium secretion: effect of amiloride, ouabain, and luminal sodium concentration. Wingo CS. **Kidney Int** 1985 Jun;27(6):886-91

Electrophysiological and pharmacological evidence that peripheral type benzodiazepine receptors are coupled to calcium channels in the heart. Mestre M, et al. **Life Sci** 1985 Jan 28;36(4):391-400

Interactions of bupivacaine with ionic channels of the nicotinic receptor. Analysis of single-channel currents. Aracava Y, et al. **Mol Pharmacol** 1984 Sep;26(2):304-13

Interactions of bupivacaine with ionic channels of the nicotinic receptor. Electrophysiological and biochemical studies. Ikeda SR, et al. **Mol Pharmacol** 1984 Sep; 26(2):293-303

Modulation of a transient outward current in serotonergic neurones by alpha 1-adrenoceptors. Aghajanian GK. **Nature** 1985 Jun 6-12;315(6019):501-3

Glucose induces closure of single potassium channels in isolated rat pancreatic beta-cells. Ashcroft FM, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):446-8

Voltage-dependent potassium currents in cultured astrocytes. Bevan S, et al. **Nature** 1985 May 16-22;315(6016):229-32

Developmental acquisition of Ca2+-sensitivity by K+ channels in spinal neurones. Blair LA, et al. **Nature** 1985 May 23-29;315(6017):329-31

Lowering of pHi inhibits Ca2+-activated K+ channels in pancreatic B-cells. Cook DL, et al. **Nature** 1984 Sep 20-26; 311(5983):269-71

Intracellular ATP directly blocks K+ channels in pancreatic B-cells. Cook DL, et al. **Nature** 1984 Sep 20-26; 311(5983):271-3

Enhancement of calcium current in Aplysia neurones by phorbol ester and protein kinase C. DeRiemer SA, et al. **Nature** 1985 Jan 24-30;313(6000):313-6

Modulation of single Ca2+-dependent K+-channel activity by protein phosphorylation. Ewald DA, et al. **Nature** 1985 Jun 6-12;315(6019):503-6

Induction by cyclic GMP of cationic conductance in plasma membrane of retinal rod outer segment. Fesenko EE, et al. **Nature** 1985 Jan 24-30;313(6000):310-3

Activation of chromaffin cell Ca2+ channels by novel dihydropyridine [letter] Glossmann H. **Nature** 1985 Feb 7-13;313(6002):503-4

Charybdotoxin, a protein inhibitor of single Ca2+-activated K+ channels from mammalian skeletal muscle. Miller C, et al. **Nature** 1985 Jan 24-30;313(6000):316-8

A novel type of cardiac calcium channel in ventricular cells. Nilius B, et al. **Nature** 1985 Aug 1-7;316(6027):443-6

Three types of neuronal calcium channel with different calcium agonist sensitivity. Nowycky MC, et al. **Nature** 1985 Aug 1-7;316(6027):440-3

A variety of calcium channels [news] Reuter H. **Nature** 1985 Aug 1-7;316(6027):391

Sarcoplasmic reticulum contains adenine nucleotide-activated calcium channels. Smith JS, et al. **Nature** 1985 Aug 1-7;316(6027):446-9

Voltage-dependent ATP-sensitive potassium channels of skeletal muscle membrane. Spruce AE, et al. **Nature** 1985 Aug 22-28;316(6030):736-8

Substance P raises neuronal membrane excitability by reducing inward rectification. Stanfield PR, et al. **Nature** 1985 Jun 6-12;315(6019):498-501

Decrease of tailed, asymmetric 16S acetylcholinesterase in rat superior cervical ganglion neurons in vitro after potassium depolarization: partial antagonist action of a calcium-channel blocker. Verdière M, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):135-40

Ionic currents in neuroblastoma clone E-7 cells. Vyklický L Jr, et al. **Neurosci Lett** 1985 Apr 9;55(2):197-201

Contribution of restricted extracellular space to the inactivation of calcium current in the snail neuron. Akaike N, et al. **Neurosci Res** 1985 Feb;2(3):181-8

Kinetics of sodium activation in giant axons of squid (Doryteuthis bleekeri). Matsumoto G, et al. **Neuroscience** 1985 Jan;14(1):327-34

Isolation and kinetic analysis of inward currents in neuroblastoma cells. Quandt FN, et al. **Neuroscience** 1984 Sep;13(1):249-62

Characterization of alpha 2-adrenoceptors which increase potassium conductance in rat locus coeruleus neurones. Williams JT, et al. **Neuroscience** 1985 Jan;14(1):95-101

Sodium current in single myocardial mouse cells. Benndorf K, et al. **Pflugers Arch** 1985 May;404(2):190-6

Asymmetric proton block of inward rectifier K channels in skeletal muscle. Blatz AL. **Pflugers Arch** 1984 Aug; 401(4):402-7

Depolarization elicits two distinct calcium currents in vertebrate sensory neurones. Bossu JL, et al. **Pflugers Arch** 1985 Apr;403(4):360-8

Calcium-dependent inward currents in voltage-clamped guinea-pig olfactory cortex neurones. Constanti A, et al. **Pflugers Arch** 1985 Jul;404(3):259-65

Two components of Ca-dependent potassium current in identified neurons of Aplysia californica. Deitmer JW, et al. **Pflugers Arch** 1985 Apr;403(4):353-9

Control of quantal transmitter release at frog's motor nerve terminals. I. Dependence on amplitude and duration of depolarization. Dudel J. **Pflugers Arch** 1984 Nov; 402(3):225-34

Control of quantal transmitter release at frog's motor nerve terminals. II. Modulation by de- or hyperpolarizing pulses. Dudel J. **Pflugers Arch** 1984 Nov;402(3):235-43

Patch-clamp study of rubidium and potassium conductances in single cation channels from mammalian exocrine acini. Gallacher DV, et al. **Pflugers Arch** 1984 Aug;401(4):361-7

Single channel recordings from basolateral and apical membranes of renal proximal tubules. Gögelein H, et al. **Pflugers Arch** 1984 Aug;401(4):424-6

Channels in planar bilayers made from commercially available lipids. Gögelein H, et al. **Pflugers Arch** 1984 Aug; 401(4):433-4

Electron microprobe analysis of proximal tubule cellular Na, Cl and K element concentrations during acute mannitol-saline volume expansion in rats: evidence for inhibition of the Na pump. Györy AZ, et al. **Pflugers Arch** 1985 Feb;403(2):205-9

Identification of a voltage-dependent anion channel in the apical membrane of a Cl(-)-secretory epithelium (MDCK). Kolb HA, et al. **Pflugers Arch** 1985 Mar;403(3):262-5

Fast decrease of the peak current carried by barium ions through calcium channels in the somatic membrane of mollusc neurons. Kostyuk PG, et al. **Pflugers Arch** 1985 May;404(1):88-90

Aggregation, membrane potential, and transport in platelets of spontaneously hypertensive rats. Kravtsov GM, et al. **Pflugers Arch** 1984 Nov;402(3):330-6

A voltage-dependent K+ channel controlling the membrane potential in frog oocytes. Peres A, et al. **Pflugers Arch** 1985 Jan;403(1):41-6

Voltage-dependent kinetics of an anionic channel of large unit conductance in macrophages and myotube membranes. Schwarze W, et al. **Pflugers Arch** 1984 Nov;402(3):281-91

Single Ca channel currents in mammalian visceral smooth muscle cells. Yoshino M, et al. **Pflugers Arch** 1985 Jul; 404(3):285-6

Mechanism of complement cytolysis and the concept of channel-forming proteins. Bhakdi S, et al. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):311-24

The case of the missing outward current. Jewett DL. **Physiologist** 1984 Dec;27(6):437-9

Two endogenous neuropeptides modulate the gill and siphon withdrawal reflex in Aplysia by presynaptic facilitation involving cAMP-dependent closure of a serotonin-sensitive potassium channel. Abrams TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7956-60

Facilitation of Ca2+-channel currents in bovine adrenal chromaffin cells. Hoshi T, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5871-5

The cromolyn binding protein constitutes the Ca2+ channel of basophils opening upon immunological stimulus. Mazurek N, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6841-5

Long-opening mode of gating of neuronal calcium channels and its promotion by the dihydropyridine calcium agonist Bay K 8644. Nowycky MC, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2178-82

Different channel properties of Torpedo acetylcholine receptor monomers and dimers reconstituted in planar membranes. Schindler H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6222-6

Partial purification and functional expression of brain mRNAs coding for neurotransmitter receptors and voltage-operated channels. Sumikawa K, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7994-8

A 'convertible pore' model of neural membrane conductance. Wooldridge DE. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):7238-42

Differences between mammalian ventral and dorsal spinal roots in response to blockade of potassium channels during maturation. Bowe CM, et al. **Proc R Soc Lond [Biol]** 1985 May 22;224(1236):355-66

Ion channels activated by L-glutamate and GABA in cultured cerebellar neurons of the rat. Cull-Candy SG, et al. **Proc R Soc Lond [Biol]** 1985 May 22;224(1236):367-73

An electrostatic model of a membrane ion pump. Edmonds DT. **Proc R Soc Lond [Biol]** 1984 Nov 22;223(1230):49-61

Kinetics of light-sensitive channels in vertebrate photoreceptors. Gray P, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):379-88

A new calcium current underlying the plateau of the cardiac action potential. Lee KS, et al. **Proc R Soc Lond [Biol]** 1984 Nov 22;223(1230):35-48

The theory of ion transport through membrane channels. Cooper K, et al. **Prog Biophys Mol Biol** 1985;46(1):51-96

Mechanistic properties of ion channels and pumps. Läuger P. **Prog Clin Biol Res** 1984;164:133-8

The anion selectivity of GABA-mediated post-synaptic potentials in mouse hippocampal cells. Biscoe TJ, et al. **Q J Exp Physiol** 1985 Jul;70(3):305-12

Characterization of a cation channel on the apical surface of the frog lens epithelium. Jacob TJ, et al. **Q J Exp Physiol** 1985 Jul;70(3):403-21

Role of electrogenic Na+ pump in the response of sensitized airway smooth muscle to antigen. Souhrada M, et al. **Respiration** 1985;48(1):37-45

Single channel currents in adrenocortical cells. López-Barneo J, et al. **Rev Esp Fisiol** 1984 Sep;40(3):271-7

Calcium-mediated reduction of ionic currents: a biophysical memory trace. Alkon DL. **Science** 1984 Nov 30; 226(4678):1037-45

Two distinct populations of calcium channels in a clonal line of pituitary cells. Armstrong CM, et al. **Science** 1985 Jan 4;227(4682):65-7

Functional coupling of gamma-aminobutyric acid receptors to chloride channels in brain membranes. Harris RA, et al. **Science** 1985 May 31;228(4703):1108-10

Voltage-dependent calcium channels in glial cells. MacVicar BA. **Science** 1984 Dec 14;226(4680):1345-7

Ca2+ and Ca2+-activated K+ currents in mammalian gastric smooth muscle cells. Mitra R, et al. **Science** 1985 Jul 19;229(4710):269-72

Single anion channels of frog rod plasma membrane. Kolesnikov SS, et al. **Vision Res** 1984;24(10):1295-300

[Instrumentation of the patch clamp technic for measuring individual ion channel currents in biological membranes] Ujec E, et al. **Cesk Fysiol** 1985;34(1):35-44 **(Cze)**

[Molecular characterization of the voltage-dependent sodium channel] Barhanin J. **Biochimie** 1984 Jun;66(6):VII-IX **(Fre)**

[Calcium dependent potassium channels] Hugues M. **Biochimie** 1984 Nov-Dec;66(11-12):VII-IX **(Fre)**

[New developments concerning the neuron cell membrane: advances in the structural analysis of transmembrane ion channels] Betz H. **Naturwissenschaften** 1984 Jul;71(7):363-8 (Eng. Abstr.) **(Ger)**

[Sodium channels in electrically excitable membranes.] Neumcke B. **Naturwissenschaften** 1985 Jan;72(1):17-24 (Eng. Abstr.) **(Ger)**

[Receptor current in ciliate cells of the frog sacculus] Zucca G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):411-7 (Eng. Abstr.) **(Ita)**

[Recent progress in the study of excitable membrane] Murayama K. **Nippon Rinsho** 1985 Apr;43(4):755-60 (30 ref.) **(Jpn)**

[Calcium ion channels in cardiac cell membranes] Iijima T. **Nippon Yakurigaku Zasshi** 1985 Jun;85(6):415-23 (100 ref.) (Eng. Abstr.) **(Jpn)**

[Single anomalous-rectification potassium channels in the cardiomyocyte membrane of the rat] Bunashev NA, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1269-73 **(Rus)**

[Separation of the calcium current in isolated smooth muscle cells] Ganitkevich VIa, et al. **Dokl Akad Nauk SSSR** 1985; 282(3):717-20 **(Rus)**

[Calcium channel and the contraction of smooth muscle cells] Rekalov VV, et al. **Dokl Akad Nauk SSSR** 1985; 281(2):462-6 **(Rus)**

[Isolation and characteristics of the neurotoxin from the spider Segestria florentina] Sagdiev NZh, et al. **Dokl Akad Nauk SSSR** 1985;282(2):463-5 **(Rus)**

[Theoretical analysis of the current-dependent blockage of the ion channels of excitable membranes] Teslenko VI. **Dokl Akad Nauk SSSR** 1984;279(6):1500-3 **(Rus)**

[Calcium current of nerve ending in the frog] Zefirov AL, et al. **Dokl Akad Nauk SSSR** 1985;282(3):744-6 **(Rus)**

[Possible role of the molecular characteristics of sodium channel inactivation system of the nerve fiber in impulse coding] Gnetov AV, et al. **Fiziol Zh SSSR** 1985 Jan; 71(1):95-104 (Eng. Abstr.) **(Rus)**

[Calcium ion channels in the cell membrane] Kostiuk PG. **Fiziol Zh SSSR** 1984 Aug;70(8):1081-91 (75 ref.) (Eng. Abstr.) **(Rus)**

[Kinetics of sodium current inactivation in Ranvier's node membrane] Lonskiĭ AV, et al. **Fiziol Zh SSSR** 1984 Oct; 70(10):1416-20 (Eng. Abstr.) **(Rus)**

[Calcium ion binding in somatic nerves during conduction of rhythmic excitation] Maksimov GV, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1559-63 (Eng. Abstr.) **(Rus)**

[Possible participation of slow Na+--Ca++ channels in realizing cholinergic effects on the cardiac pacemaker] Sukhova GS, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):506-9 (Eng. Abstr.) **(Rus)**

[Calcium currents of differentiated mouse neuroblastoma cells] Veselovskiĭ NS, et al. **Neirofiziologiia** 1984; 16(4):527-31 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

A structural and dynamic molecular model for the sodium channel of Electrophorus electricus. Kosower EM. **FEBS Lett** 1985 Mar 25;182(2):234-42

Structure-function relationships in H+-secreting epithelia. Madsen KM, et al. **Fed Proc** 1985 Aug;44(11):2704-9 (37 ref.)

Single-length and double-length channels formed by nystatin in lipid bilayer membranes. Kleinberg ME, et al. **J Membr Biol** 1984;80(3):257-69

Morphological properties and membrane channels of the growth cones induced in PC12 cells by nerve growth factor. O'Lague PH, et al. **J Neurosci Res** 1985; 13(1-2):301-21

Organization of ion channels in the myelinated nerve fiber. Waxman SG, et al. **Science** 1985 Jun 28;228(4707):1502-7

ION EXCHANGE

see related
IONTOPHORESIS

Effects of inorganic lead in vitro on ion exchanges and respiratory metabolism of rat kidney cortex. van Rossum GD, et al. **Arch Toxicol** 1985 Jan;56(3):175-81

[An attempt to decrease the concentration of ammonia in preserved blood using ion exchange] Barta E, et al. **Bratisl Lek Listy** 1985 Apr;83(4):413-24 (Eng. Abstr.) **(Slo)**

ION EXCHANGE RESINS

Cation-induced histamine release from a synthetic weak (carboxylic) cation exchanger resin (IRC-50) and from isolated mast cell granules show identical kinetics. Uvnäs B. **Agents Actions** 1985 Apr;16(3-4):129-32

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Amberlite XAD-2 in the determination of human fecal bile acids. Turjman N, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):957-60

The use of phospholipid-impregnated millipore filters for recording nonelectrogenic cation flows in the presence of Men+/nH+ exchangers. Antonenko YN, et al. **Anal Biochem** 1984 Aug 1;140(2):468-71

Anion-exchange chromatography of proteins on AG MP-1 using high-performance liquid chromatography equipment. Axelson JT, et al. **Anal Biochem** 1984 Nov 1;142(2):373-7

A spectrophotometric resin competition procedure to determine dissociation constants for metal ion-nucleotide complexes. Jenkins WT. **Anal Biochem** 1985 Mar; 145(2):362-6

In vitro adsorption of sodium phenytoin by anion exchange resin [letter] Laurent D, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):584-5

Amino acid absorption of plasmapheresed serum by resins and charcoal. Alp MH, et al. **Int J Artif Organs** 1985 May; 8(3):141-6

Preparation and evaluation of microencapsulated and coated ion-exchange resin beads containing theophylline. Motycka S, et al. **J Pharm Sci** 1985 Jun;74(6):643-6

ADVERSE EFFECTS

Hypercalcemia in 25 OH D3 treated patients receiving a calcium exchange resin. Labeeuw M, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):316-9

DIAGNOSTIC USE

An original 'street test' for urine screening for morphine and its evaluation. Henneberg M, et al. **Alcohol Alcohol** 1984; 19(4):311-7

THERAPEUTIC USE

Resin hemoperfusion in hepatic porphyrias. Horák J, et al. **Artif Organs** 1985 May;9(2):169-72

Pseudohypoaldosteronism in a child with Down syndrome. Long-term management of salt loss by ion exchange resin administration. Saule H, et al. **Eur J Pediatr** 1984 Sep; 142(4):286-9

IONOPHORES

Liposomes as vectors for calcium ionophores. Weissmann G. **Ann NY Acad Sci** 1985;446:385-9

Phosphatidic acid as a calcium ionophore in large unilamellar vesicle systems. Nayar R, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):343-6

The structure and absolute stereochemistry of zincophorin (antibiotic M144255): a monobasic carboxylic acid ionophore having a remarkable specificity for divalent cations. Brooks HA, et al. **J Antibiot (Tokyo)** 1984 Nov; 37(11):1501-4

Ca(phosphatidate)2 can traverse liposomal bilayers. Chauhan VP, et al. **Life Sci** 1984 Sep 24;35(13):1395-9

ANALYSIS

[Molecular structure of ionophores and mechanism of biomembrane transport] Kimura E. **Nippon Rinsho** 1985 Apr;43(4):735-40 **(Jpn)**

CHEMICAL SYNTHESIS

Design of ionophore hapten conjugates for electroimmunoassay. Connell GR, et al. **Proc West Pharmacol Soc** 1984;27:337-40

DIAGNOSTIC USE

Bromo-A23187: a nonfluorescent calcium ionophore for use with fluorescent probes. Deber CM, et al. **Anal Biochem** 1985 May 1;146(2):349-52

ISOLATION & PURIFICATION

Siderophore production by Proteus mirabilis. Evanylo LP, et al. **Can J Microbiol** 1984 Aug;30(8):1046-51

METABOLISM

Role of the gamma-aminobutyric acid receptor-ionophore complex in seizure disorders. Olsen RW, et al. **Ann Neurol** 1984;16 Suppl:S90-7

Benzodiazepine anticonvulsant action: gamma-aminobutyric acid-dependent modulation of the chloride ionophore. Lawrence LJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1130-7

Calcium ionophore activity of intestinal secretory compounds. An in vitro porcine model for the effects of bile acids, hydroxy-fatty acids and dioctyl sulfosuccinate. Maenz DD, et al. **Digestion** 1984;30(3):138-50

Alkyl-substituted gamma-butyrolactones inhibit [35S]TBPS binding to a GABA linked chloride ionophore. Weissman BA, et al. **Eur J Pharmacol** 1984 Oct 1;105(1-2):195-6

Radiation inactivation studies of the benzodiazepine/gamma-aminobutyric acid/chloride ionophore receptor complex. Schwartz RD, et al. **J Neurochem** 1985 Jul;45(1):108-15

[Ionophore properties of peptide fragments of brain Na+,K+-Atpase] Sorokina ZA. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):413-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Control of respiration in sonicated cytochrome oxidase proteoliposomes by gated and ungated ionophores. Shaughnessy S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1025-30

Differential effect of cyclo-oxygenase inhibition on antigen- and ionophore-induced release of slow reacting substance from fragmented guinea-pig lung. Krell RD, et al. **Br J Pharmacol** 1984 Aug;82(4):871-6

Are the toxicities of pentobarbital and ethanol mediated by the GABA-benzodiazepine receptor-chloride ionophore complex? Mendelson WB, et al. **Eur J Pharmacol** 1985 Jan 15;108(1):63-70

Protein secretion by the rat epididymis can be selectively modified in vitro by local anesthetics, glucose deprivation, dinitrophenol, ouabain, and ionophores. Brooks DE. **J Androl** 1984 Sep-Oct;5(5):351-60

Potential interactions of ionophore drugs with divalent cations and their function in the animal body. Elsasser TH. **J Anim Sci** 1984 Sep;59(3):845-53 (48 ref.)

The effect of ionophores and related agents on the induction of doming in a rat mammary epithelial cell line. Paterson FC, et al. **J Cell Physiol** 1985 Apr;123(1):89-100

Carboxylic ionophores enhance the cytotoxic potency of ligand- and antibody-delivered ricin A chain. Raso V, et al. **J Exp Med** 1984 Oct 1;160(4):1234-40

Distinction between antigen receptor and IL 2 receptor triggering events in the activation of alloreactive T cell clones with calcium ionophore and phorbol ester. Albert F, et al. **J Immunol** 1985 Jun;134(6):3649-55

Calcium ionophore plus phorbol ester can substitute for antigen in the induction of cytolytic T lymphocytes from specifically primed precursors. Truneh A, et al. **J Immunol** 1985 Oct;135(4):2262-7

Permeability change in transformed mouse fibroblasts caused by ionophores, and its relationship to membrane permeabilization by exogenous ATP. Friedberg I, et al. **J Membr Biol** 1985;83(3):251-9

Effects of grisorixin on the distribution of thallium-201 and on the oxidative metabolism in cultured myocardial cells. Maublant JC, et al. **J Nucl Med** 1985 Jun;26(6):626-9

Cardiovascular effects of an ionophorous antibiotic, Ionomycin A, in anesthetized dogs. Tsuchida K, et al. **Jpn J Pharmacol** 1985 May;38(1):109-12

Cholinergic stimulation of pancreatic amylase release and muscarinic receptors: effect of ionophore A23187. Larose L, et al. **Life Sci** 1985 Jul 22;37(3):255-61

Concerning the relative non-toxicity of silacrown ionophores. Pannell KH, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:77-80

A study of the effects of replacing monensin ionophore with lasalocid ionophore in the field control of coccidiosis in broilers. Voeten AC, et al. **Vet Q** 1985 Jan;7(1):66-9

[Action of phospholipases on calcium transport into synaptosomes: phosphatidic acid--Ca ionophore] Selishcheva AA, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):223-5 **(Rus)**

POISONING

Anticoccidials and turkeys [letter] Hooper RS. **Vet Rec** 1985 Feb 23;116(8):224

IONS

Ion transport across biological membranes and its control. Workshop organized by the Sonderforschungsbereich 160--Eigenschaften biologischer Membranen--September 25-27 1983, Maria Laach, FRG. Deuticke B, et al. **FEBS Lett** 1984 Oct 15;176(1):1-7

Interpretation of 1/f fluctuations in ion conducting membranes. Sauvé R, et al. **J Theor Biol** 1985 Apr 7; 113(3):501-16

Biophysical mechanisms of damage by fast ions to mammalian cells in vitro. Cannell RJ, et al. **Phys Med Biol** 1985 Mar; 30(3):255-8

Effect of anoxia on ion distribution in the brain. Hansen AJ. **Physiol Rev** 1985 Jan;65(1):101-48 (318 ref.)

ANALYSIS

The subcellular concentration of ions and elements in thin cryosections of onion root meristem cells. An electron-probe EDS study. Cameron IL, et al. **J Cell Sci** 1984 Dec;72:295-306

METABOLISM

Use of digitonin fractionation to determine mitochondrial transmembrane ion distribution in cells during anoxia. Andersson BS, et al. **Anal Biochem** 1985 Apr;146(1):164-72

Ion and membrane changes in the brain during anoxia. Hansen AJ. **Behav Brain Res** 1984 Nov;14(2):93-8

The Smoluchowski-Poisson-Boltzmann description of ion diffusion at charged interfaces. Chan DY, et al. **Biophys J** 1984 Sep;46(3):387-407

Passage of ions and dextran molecules across the rete mirabile of the eel. The effects of charge. Rasio EA, et al. **Circ Res** 1985 Jul;57(1):74-83

Significance of ionic fluxes and changes in membrane potential for stimulus-secretion coupling in pancreatic B-cells. Henquin JC, et al. **Experientia** 1984 Oct 15; 40(10):1043-52 (120 ref.)

Extracellular ATP induces ion fluxes and inhibits growth of Friend erythroleukemia cells. Chahwala SB, et al. **J Biol Chem** 1984 Nov 25;259(22):13717-22

Effects of monovalent ions on the transport of noradrenaline across the plasma membrane of neuronal cells (PC-12 cells). Harder R, et al. **J Neurochem** 1985 Oct;45(4):1154-62

Hormonal and ionic control of phosphate transport in the differentiating enterocyte. Cross HS, et al. **Prog Clin Biol Res** 1984;168:247-52

IONTOPHORESIS

A fresh look at iontophoresis. Hughes L, et al. **Arch Ophthalmol** 1984 Dec;102(12):1825-9

Evaluation of use of iontophoresis in the treatment of hyperhidrosis. Shrivastava SN. **Indian J Dermatol** 1984 Jan; 29(1):19-20

Effects of intracellular sodium and potassium iontophoresis on membrane potentials and resistances in toad urinary bladder. Narvarte J, et al. **J Membr Biol** 1985;84(1):1-7

Observation of effect of iontophoresis of traditional Chinese drug in female infertility. Pang BC, et al. **J Tradit Chin Med** 1984 Dec;4(4):259-60

[Possibilities of objective characterization of the clinical picture and therapeutic effects in neuroses using the iontophoretic autonomic test with adrenaline and dionine] Buzek B. **Cesk Psychiatr** 1984 Oct;80(5):308-17 (Eng. Abstr.) **(Cze)**

[Ionization with local anesthetics and with vasoactive substances] Clerin M. **Acta Belg Med Phys** 1985 Jan-Mar; 8(1):55-8 **(Fre)**

[Enzymes and iontophoresis] Onkelinx, et al. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):101-6 **(Fre)**

[Properties of unidirectional currents] Teyssandier MJ. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):85-90 **(Fre)**

[Electric currents used for dielectrolysis] Teyssandier MJ. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):81-4 **(Fre)**

[Treatment of tinnitus with iontophoresis and local anesthesia] Brusis T, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):355-8 (Eng. Abstr.) **(Ger)**

[Trypsin iontophoresis in spinal osteochondrosis] Chilingarian RA, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):48-51 **(Rus)**

[Treatment of periodontitis by electrophoresis] Artiukhina RA. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):79-80 **(Rus)**

[Combined treatment of trigeminal neuralgia by lidocaine and mumie electrophoresis] Grechko VE, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):27-9 (Eng. Abstr.) **(Rus)**

[Effect of heparin electrophoresis on hemostasis in patients in the early period after operations on the abdominal organs] Fedorovskaia LS, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):9-12 (Eng. Abstr.) **(Rus)**

[Effect of vitamin E electrophoresis on lipid peroxidation and antioxidant system of the blood in patients with ischemic heart disease] Pogosian NR, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):60-1 **(Rus)**

[Moderately mineralized (Obukhovskaia) mineral water and urosulfan electrophoresis in the treatment of children with pyelonephritis] Tret'iakova LF, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):45-7 (Eng. Abstr.) **(Rus)**

[Experimental and clinical study of the electrophoresis of drugs with immunodepressive action] Zobnina GV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):6-9 (Eng. Abstr.) **(Rus)**

[Use of lithium electrophoresis in the combined treatment of patients with rheumatoid arthritis and osteoarthrosis deformans] Petrov NM, et al. **Vrach Delo** 1984 Nov; (11):35-7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Contact eczema and drug ionization] Laporte M. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):97-9 **(Fre)**

[Accidents and complications in iontophoresis: their prevention] Teyssandier MJ. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):91-5 **(Fre)**

INSTRUMENTATION

On microelectrode ionophoresis. Drouin H. **Biophys J** 1984 Nov;46(5):597-604

A technique for microiontophoretic study of single neurons in the freely moving rat. West MO, et al.

J Neurosci Methods 1984 Aug;11(3):179-86

Maxillofacial prosthetics and iontophoresis in management of burned ears. Sela M, et al. **J Prosthet Dent** 1985 Feb; 53(2):226-7

[A device for phonophoresis of the breast] Storozhuk VT, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb; (1):73-4 **(Rus)**

METHODS

A technique for microiontophoretic study of single neurones in the behaving monkey. Perrett DI, et al. **J Neurosci Methods** 1985 Feb;12(4):289-95

[Effectiveness of tissue electrophoresis and ultrasonics in the complex treatment of patients over 50 years of age with newly detected pulmonary tuberculosis] Zakopailo GG, et al. **Probl Tuberk** 1985;(1):71-2 **(Rus)**

[Hemocoagulation status during the use of drug hydroaeroionization in the complex treatment of patients with transient cerebrovascular disorders] Madzhidov NM, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):13-5 (Eng. Abstr.) **(Rus)**

[Use of galvanomud in the combined treatment of chronic gastritis patients] Abragamovich OO, et al. **Vrach Delo** 1984 Sep;(9):25-8 (Eng. Abstr.) **(Rus)**

IOPANOIC ACID

ANALOGS & DERIVATIVES

Esters of iopanoic acid as liver-specific CT contrast agents: biodistribution and CT evaluation. Longino MA, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1099-104

ANALYSIS

Concentration of 99mTc-HIDA and iopanoic glucuronide by the gallbladder. Lamb RB, et al. **Invest Radiol** 1984 Sep-Oct;19(5):455-7

DIAGNOSTIC USE

Presence/absence of homogeneous Telepaque in the bowel: an aid in diagnosing biliary tract disease. Nathan MH, et al. **Milit Med** 1984 Nov;149(11):624-7

PHARMACODYNAMICS

Effects of drugs on peripheral thyroxine metabolism. Wartofsky L, et al. **Horm Metab Res [Suppl]** 1984;14:105-8

THERAPEUTIC USE

Iopanoic acid is of minimal benefit in the treatment of severe hyperthyroidism: conclusions from a case study. Hamblin PS, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):503-10

IOPHENDYLATE see under **IODOBENZENES**

IOPODATE see **IPODATE**

IOTALAMATE MEGLUMINE see **IOTHALAMATE MEGLUMINE**

IOTALAMIC ACID see **IOTHALAMIC ACID**

IOTHALAMATE MEGLUMINE

Viscosity of iodinated contrast agents: significance for peripheral venous injection. Mitchell DG, et al. **J Comput Tomogr** 1985 Jan;9(1):77-8

ADVERSE EFFECTS

Safety of contrast media in cerebral angiography: iopamidol vs. methylglucamine iothalamate. Bird CR, et al. **AJNR** 1984 Nov-Dec;5(6):801-3

Contrast-induced seizure associated with thrombotic thrombocytopenic purpura. Case report. Benear JB, et al. **Arch Intern Med** 1985 Feb;145(2):363-4

Contrast agent-induced thrombophlebitis following leg phlebography: Iohexol compared with meglumine iothalamate. Thomas ML, et al. **Vasa** 1985;14(1):81-3

[Fatal anaphylactic shock in a patient treated with beta-blockers] Laxenaire MC, et al. **Ann Fr Anesth Reanim** 1984;3(6):453-5 (Eng. Abstr.) **(Fre)**

[Early hemodynamic reactions of an ionic low osmolar and a nonionic contrast medium] Wink K, et al. **Z Kardiol** 1984 Oct;73(10):628-33 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

Clinical trial of Iohexol vs. Conray 60 for cerebral angiography. Pelz D, et al. **AJNR** 1984 Sep-Oct;5(5):565-8

Contrast agents for selective coronary arteriography [letter] Paulin S. **Cathet Cardiovasc Diagn** 1984;10(4):425-7

[CT with high-dose contrast medium administration and delayed conduction and NMR tomography in the diagnosis of multiple sclerosis] Hornig CR, et al. **Nervenarzt** 1984 Aug;55(8):419-21 **(Ger)**

[Use of hypo-osmolar contrast media in urography--results of an interindividual, randomized double-blind study] Heep HW, et al. **Rontgenpraxis** 1984 Jun;37(6):209-12 **(Ger)**

PHARMACODYNAMICS

Is viscosity important in the production of blood-brain barrier disruption by intracarotid contrast media? Wilcox J, et al. **Neuroradiology** 1984;26(6):511-3

Contrast medium causes the apparent increase in beta-endorphin levels in human cerebrospinal fluid following brain stimulation. Dionne RA, et al. **Pain** 1984 Dec;20(4):313-21

TOXICITY

Comparison of blood-brain barrier disruption in the rabbit following intracarotid iopamidol and methylglucamine iothalamate. Wycherley AG, et al. **Australas Radiol** 1984 Nov;28(4):294-6

IOTHALAMIC ACID

ADMINISTRATION & DOSAGE

Delayed contrast enhancement in acute focal bacterial nephritis: CT features. Ishikawa I, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):894-7

ADVERSE EFFECTS

Ventricular tachycardia precipitated by sodium iothalamate (Conray 420) injection during prenylamine treatment: a predictable adverse drug interaction. Duncan JS, et al. **Postgrad Med J** 1985 May;61(715):415-7

ANALOGS & DERIVATIVES

Effect of prostaglandin inhibition on the renal vascular response to ionic and non-ionic contrast media in the dog. Lund G, et al. **Acta Radiol [Diagn] (Stockh)** 1984; 25(5):407-10

Safety of contrast media in cerebral angiography: iopamidol vs. methylglucamine iothalamate. Bird CR, et al. **AJNR** 1984 Nov-Dec;5(6):801-3

Changes in left ventricular diastolic function after left ventriculography: a comparison with iopamidol and urografin. Tani M, et al. **Am Heart J** 1985 Sep; 110(3):617-22

Absence of myocardial biochemical toxicity with a nonionic contrast agent (iopamidol). Wisneski JA, et al. **Am Heart J** 1985 Sep;110(3):609-17

Comparison of blood-brain barrier disruption in the rabbit following intracarotid iopamidol and methylglucamine iothalamate. Wycherley AG, et al. **Australas Radiol** 1984 Nov;28(4):294-6

A comparison of iopamidol and iohexol in peripheral angiography [letter] Fletcher EW. **Br J Radiol** 1984 Nov; 57(683):1043-4

Iohexol and iopamidol: second-generation nonionic radiographic contrast media. Kawada TK. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):525-9 (52 ref.)

Experience with iopamidol in myeloradiculography. Bohutova J, et al. **Eur J Radiol** 1985 Feb;5(1):77-80

Iohexol and ioxithalamate for intravenous urography. A comparative parallel study. Egeblad M, et al. **Eur J Radiol** 1985 Aug;5(3):240-2

Pathogenesis of postmyelographic arachnoiditis. Garancis JC, et al. **Invest Radiol** 1985 Jan-Feb;20(1):85-9

Iohexol vs. iopamidol for myelography. Lamb JT. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S37-43

Comparative evaluation of the effects of an ionic vs. a nonionic contrast medium on the venous endothelium. Preliminary scanning electron microscopic observations. Morettin LB, et al. **Invest Radiol** 1984 Nov-Dec; 19(6):593-6

Excretion of contrast media by the immature rabbit. Comparison of Renografin and Iopamidol. Rosenbaum DM, et al. **Invest Radiol** 1984 Mar-Apr;19(2):123-8

Clinical comparison of Hexabrix, iopamidol, and Urografin-60 in whole body computed tomography. Spataro RF, et al. **Invest Radiol** 1984 Nov-Dec;19(6 Suppl):S372-5

Clinical superiority of a new nonionic contrast agent (iopamidol) for cardiac angiography. Gertz EW, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):250-8

Double blind study of the toxicity of intrathecal iopamidol and metrizamide in lumbar myelography. Vézina JL, et al. **J Can Assoc Radiol** 1984 Sep;35(3):257-8

Routine bed rest is unnecessary after cervical myelography. Macpherson P, et al. **Neuroradiology** 1985;27(3):214-6

Advantages of non-ionic contrast media in vascular applications. Malott JC, et al. **Radiol Technol** 1984 Nov-Dec;56(2):95-8 (12 ref.)

Iopamidol arteriography: discomfort and pain. Dotter CT, et al. **Radiology** 1985 Jun;155(3):819-21

Extravascular lung water: effects of intravenous ionic and non-ionic (Iopamidol) contrast media during ischemia. Slutsky RA, et al. **Radiology** 1985 Apr;155(1):11-4

Iopamidol for myelography--practical implications. de Villiers PD, et al. **S Afr Med J** 1984 Nov 3;66(18):697-8

Computed tomographic cisternography with iopamidol in the diagnosis of primary empty sella. Pompili A, et al. **Surg Neurol** 1985 Jul;24(1):16-22

[Effects of intravenous urography using sodium and meglumine ioxitalamate (Telebrix 38) on blood creatinine and urinary excretion of N-acetyl-beta-D-glucosaminidase] Lacour B, et al. **Ann Biol Clin (Paris)** 1984;42(6):407-11 (Eng. Abstr.) **(Fre)**

[Experiences with a new hyperosmolar contrast medium Iopamiro, Bracco in peripheral arteriography] Kónya A, et al. **Radiol Diagn (Berl)** 1985;26(2):277-83 (Eng. Abstr.) **(Ger)**

[Systematic and local reactions during phlebography of the leg with special reference to postphlebographic complications. Randomized, prospective, intraindividual double-blind study of iopamidol and ioxithalamate (250 mg I/ml) using the 125I-fibrinogen test: II] Hagen B. **Radiologe** 1985 Jun;25(6):260-4 (Eng. Abstr.) **(Ger)**

[Enzyme determination in the urine for the evaluation of kidney tolerance of the water-soluble roentgen contrast medium iopamidol] Hartmann HG, et al. **Radiologe** 1984 Sep;24(9):442-5 (Eng. Abstr.) **(Ger)**

[Adverse reactions following high-dose intravenous injection of urographic contrast media] Lackner K, et al. **ROFO** 1984 Oct;141(4):447-52 (Eng. Abstr.) **(Ger)**

[Value of iopamidol in radiologic diagnosis] Pokorny L, et al. **Rontgenblatter** 1984 Oct;37(10):353-6 (Eng. Abstr.) **(Ger)**

[Experiences with the nonionic contrast medium iopamidol in cerebral angiography] Purmann H, et al. **Rontgenblatter** 1985 Feb;38(2):51-3 (Eng. Abstr.) **(Ger)**

[Significance of a nonionic renographic contrast medium (Iopamidol 300) in the roentgen diagnosis of the kidneys and urinary tract in children] Schneider K, et al. **Rontgenblatter** 1984 Oct;37(10):347-52 (Eng. Abstr.) **(Ger)**

[Iopamidol (Solutrast) in excretory urography] Kürschner HD, et al. **Rontgenpraxis** 1985 Jun;38(6):214-6 **(Ger)**

[Iopromide versus ioglicinate in dynamic computer tomography--a randomized controlled double-blind study] Lindner R, et al. **Rontgenpraxis** 1984 Oct;37(10):362-6 **(Ger)**

[Intrathecal roentgen contrasting--experiences with iopamidol] Stellamor V, et al. **Rontgenpraxis** 1984 Jun; 37(6):213-9 **(Ger)**

[Clinical use of low osmolar roentgen contrast media] Taenzer V. **Rontgenpraxis** 1984 Oct;37(10):357-61 **(Ger)**

[Ascending leg phlebography with Solutrast 200. Experiences with nonionic roentgen contrast media in 150 patients] Tuengerthal S. **Rontgenpraxis** 1984 Oct;37(10):367-74 **(Ger)**

[Are ionic CT contrast media still defensible? Results of a double-blind study] Witt H, et al. **Rontgenpraxis** 1984 Jun; 37(6):206-8 **(Ger)**

[Central venous injection of large amounts of contrast media--advantages of a low osmolar contrast medium in experimentally-induced pulmonary hypertension] Schräder R, et al. **Z Kardiol** 1984 Jul;73(7):434-41 (Eng. Abstr.) **(Ger)**

[Cardiac complications of intravenous digital angiography. Comparison of ionic and nonionic contrast media] Stacul F, et al. **Radiol Med (Torino)** 1985 Jan-Feb;71(1-2):40-3 (Eng. Abstr.) **(Ita)**

[Abdominal angiography with a non-ionic contrast medium, iopamidol] Mori K, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):232-6 (Eng. Abstr.) **(Jpn)**

[Iopamidol in visceral angiography] Maeda T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25; 44(8):1062-7 (Eng. Abstr.) **(Jpn)**

[Visualization, diagnostic capability and safety of iopamidol, a nonionic contrast medium in cardiovascular angiography] Manabe H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25;44(12):1470-80 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of iopamidol in angiocardiography--a comparative study with diatrizoate] Manabe H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1481-93 (Eng. Abstr.) **(Jpn)**

[Clinical experience with iopamidol, a non-ionic water-soluble contrast medium in brain computed tomography] Fukumoto T, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1029-33 (Eng. Abstr.) **(Jpn)**

[Dynamic CT examination with iopamidol] Ishiguchi T, et al. **Rinsho Hoshasen** 1985 Apr;30(4):531-2 (Eng. Abstr.) **(Jpn)**

[Iopamidol compared with Isopaque Cerebral in angiography of the lower extremities] Aspestrand F. **Tidsskr Nor Laegeforen** 1984 Nov 10;104(31):2164-5 (Eng. Abstr.) **(Nor)**

[Side effects of Dimer X used in radiculography] Olbrych-Karpińska B, et al. **Wiad Lek** 1984 Sep 15; 37(18):1462-4 (Eng. Abstr.) **(Pol)**

ANALYSIS

Quantitation of iothalamate in serum and urine by high-performance liquid chromatography. Weber AF, et al. **J Chromatogr** 1985 Feb 8;337(2):434-40

DIAGNOSTIC USE

Contrast agents for selective coronary arteriography [letter] Paulin S. **Cathet Cardiovasc Diagn** 1984;10(4):425-7

Is 125I iothalamate an ideal marker for glomerular filtration? Odlind B, et al. **Kidney Int** 1985 Jan;27(1):9-16

IOTHALAMIC ACID METHYLGLUCAMINE see **IOTHALAMATE MEGLUMINE**

IPECAC

ADMINISTRATION & DOSAGE

Ipecac on prescription? [letter] Hull BL. **Am J Psychiatry** 1985 Jan;142(1):141

Are consumers provided with adequate information on the actions and uses of ipecacuanha syrup? Harris LA, et al. **Med J Aust** 1985 Jun 24;142(13):690-3

ADVERSE EFFECTS

Ipecac use in the elderly: the unanswered question. Klein-Schwartz W, et al. **Ann Emerg Med** 1984 Dec;13(12):1152-4

Pneumomediastinum and retropneumoperitoneum: an unusual complication of syrup-of-ipecac-induced emesis. Wolowodiuk OJ, et al. **Ann Emerg Med** 1984 Dec;13(12):1148-51

Anorexia nervosa, ipecac, and sudden death [letter] Romig RA. **Ann Intern Med** 1985 Oct;103(4):641

Reversible ipecac myopathy. Mateer JE, et al. **Arch Neurol** 1985 Feb;42(2):188-90

Risk assessment of ipecac in the home. Chafee-Bahamon C, et al. **Pediatrics** 1985 Jun;75(6):1105-9

Nonemetic effects of ipecac syrup. Czajka PA, et al. **Pediatrics** 1985 Jun;75(6):1101-4

Myopathy and ipecac abuse in a bulimic patient. Moldawsky RJ. **Psychosomatics** 1985 May;26(5):448-9

ANALYSIS

Absorption of ipecac alkaloids in emergency patients. Moran DM, et al. **Ann Emerg Med** 1984 Dec;13(12):1100-2

METABOLISM

Absorption of ipecac alkaloids in emergency patients. Moran DM, et al. **Ann Emerg Med** 1984 Dec;13(12):1100-2

POISONING

The potential toxicity of ipecac [letter] Romig RA. **Am J Psychiatry** 1984 Dec;141(12):1639

Anatomy of ipecac misuse: three case studies. **Am Pharm** 1985 Aug;NS25(8):24-8

THERAPEUTIC USE

Management of acutely poisoned patients without gastric emptying. Kulig K, et al. **Ann Emerg Med** 1985 Jun;14(6):562-7

Effectiveness of a health education program in a lower socioeconomic population. Replication of an ipecac guidance study. Dershewitz RA, et al. **Clin Pediatr (Phila)** 1984 Dec;23(12):686-8

Home administration of syrup of ipecac to infants. McCray EA, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):792-3

Activated charcoal and syrup of ipecac in prevention of cimetidine and pindolol absorption in man after administration of metoclopramide as an antiemetic agent. Neuvonen PJ, et al. **J Toxicol Clin Toxicol** 1984;22(2):103-14

Project Ipecac: an accident prevention program of the Robeson County Department of Health. Wester TB. **NC Med J** 1985 Jul;46(7):425-6

Ipecac use in the home. Rumack BH. **Pediatrics** 1985 Jun;75(6):1148

IPECINE see **EMETINE**

IPODATE

DIAGNOSTIC USE

[Evaluation of the results of a clinical study of the x-ray specific activity of the Soviet x-ray contrast medium bilimin, intended for peroral cholecystography and cholecystocholangiography] Rozenshtraukh LS, et al. **Vestn Rentgenol Radiol** 1985 Mar-Apr;(2):19-23 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Multisite inhibition by ipodate of iodothyronine secretion from perfused dog thyroid lobes. Laurberg P. **Endocrinology** 1985 Oct;117(4):1639-44

Effects of drugs on peripheral thyroxine metabolism. Wartofsky L, et al. **Horm Metab Res [Suppl]** 1984;14:105-8

THERAPEUTIC USE

Comparative effects of sodium ipodate and iodide on serum thyroid hormone concentrations in patients with Graves' disease. Roti E, et al. **Clin Endocrinol (Oxf)** 1985 Apr;22(4):489-96

Long term treatment of Graves' hyperthyroidism with sodium ipodate. Shen DC, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):723-7

IPRINDOLE see under **INDOLES**

IPRONAL see under **BARBITURATES**

IPRONIAZID

METABOLISM

Propane and propylene formation during the microsomal metabolism of iproniazid and isopropylhydrazine. Moloney SJ, et al. **Life Sci** 1985 Mar 11;36(10):947-54

Effect of cytosolic components on the metabolism of the hydrazide iproniazid. Spearman ME, et al. **Mol Pharmacol** 1984 Nov;26(3):566-73

TOXICITY

The lack of hepatotoxicity in the rat with the new and reversible MAO-A inhibitor moclobemide in contrast to iproniazid. Schläppi B. **Arzneimittelforschung** 1985;35(5):800-3

IPRONIDAZOLE see under **NITROIMIDAZOLES**

IPROVERATRIL see **VERAPAMIL**

IR GENES see **GENES, IMMUNE RESPONSE**

IRIDIUM

ADMINISTRATION & DOSAGE

192Ir pharyngoepiglottic fold interstitial implants. The key to successful treatment of base tongue carcinoma by radiation therapy. Goffinet DR, et al. **Cancer** 1985 Mar 1;55(5):941-8

Removable high intensity iridium-192 brain implants. Technique and in vivo measurements in canine brain. Sewchand W, et al. **J Neurooncol** 1984;2(3):177-85

Conservative treatment of early carcinoma of the breast: significance of axillary dissection and iridium implant. Gerard JP, et al. **Radiother Oncol** 1985 Jan;3(1):17-22

Acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192IR and external beam radiotherapy for locally advanced prostate cancer. Brindle JS, et al. **Urology** 1985 Mar;25(3):233-8

ADVERSE EFFECTS

[Complications of preoperative high-dose-rate iridium-192 irradiation in cervix uteri carcinoma] Kucera H, et al. **Onkologie** 1984 Aug;7(4):244-8 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Percutaneous irradiation in cholangio-carcinoma. Nunnerley HB. **Ann Radiol (Paris)** 1985;28(1):61-4

Computer-aided, CT-guided biopsy and brachytherapy of brain tumors. Dyck P, et al. **Bull Clin Neurosci** 1983;48:122-38

Iridium afterloading curietherapy in the treatment of pediatric malignancies. The Institut Gustave Roussy experience. Gerbaulet A, et al. **Cancer** 1985 Sep 15;56(6):1274-9

Radiotherapy of high bile duct carcinoma using intra-catheter iridium 192 wire. Mornex F, et al. **Cancer** 1984 Nov 15;54(10):2069-73

Routine quality control of Ir-192 sources: results of 46 months of surveillance. Findley DO, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1727-30

Comparative dosimetry between iridium wires and seed ribbons. Marinello G, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1733-9

Interstitial radiation therapy for carcinoma of the penis using iridium 192 wires: the Henri Mondor experience (1970-1979). Mazeron JJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1891-5

Improved response of a murine fibrosarcoma (Meth-A) to interstitial radiation when combined with hyperthermia. Moorthy CR, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2145-8

Limited external irradiation and interstitial 192iridium implant in the treatment of squamous cell carcinoma of the tonsillar region. Puthawala AA, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1595-602

The treatment of cancer of the uvula and soft palate with interstitial radioactive wire implants. Sealy R, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1951-5

Safety of 125iodine and 192iridium implants to the canine carotid artery: preliminary report. Fee WE Jr, et al. **Laryngoscope** 1985 Mar;95(3):317-20

Iridium-192 wiring after partial cystectomy as a treatment of small malignant bladder tumors. Auvert J, et al. **Prog Clin Biol Res** 1984;162B:87-93

[Treatment, by 192-iridium curietherapy, of epitheliomas of the penis. Apropos of 36 cases] Ardiet JM, et al. **J Urol (Paris)** 1984;90(8-9):557-61 (Eng. Abstr.) **(Fre)**

[Primary combined radiotherapy of carcinoma of the uterine cervix. Comparison of 192Ir with radium] Schmieder A, et al. **Strahlentherapie** 1985 May;161(5):270-4 (Eng. Abstr.) **(Ger)**

[Endocurie therapy of breast cancer I. Indication and value of the implantation of iridium 192 within the total concept of conservative organ-preserving therapy of breast cancer] Seitz W. **Wien Klin Wochenschr** 1984 Oct 12;96(19):708-12 (Eng. Abstr.) **(Ger)**

[Endocurie therapy of breast cancer III. Concept and method at the Radiotherapy University Hospital, Vienna--Initial results] Seitz W. **Wien Klin Wochenschr** 1984 Oct 12;96(19):715-22 (Eng. Abstr.) **(Ger)**

IRIDOCYCLITIS

COMPLICATIONS

Iridocyclitis is not characteristic of Still's disease [letter] Rosenbaum JT. **West J Med** 1985 Aug;143(2):252

[Acute interstitial nephritis and uveitis: a recently recognized syndrome] Leumann EP, et al. **Schweiz Med Wochenschr** 1985 Apr 20;115(16):551-5 (Eng. Abstr.) **(Ger)**

[Behçet's disease. I. Clinical and histopathological aspects] Lovisetto P, et al. **Minerva Med** 1984 Oct 6;75(38):2179-92 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Misdiagnosed syphilitic iridocyclitis [letter] Lawee D. **Can Med Assoc J** 1984 Dec 1;131(11):1328-9

ETIOLOGY

Lipopolysaccharide tolerance inhibits eye inflammation. I. Reduced immune complex or lipopolysaccharide effects. Howes EL Jr, et al. **Arch Ophthalmol** 1985 Feb;103(2):257-60

Anterior uveitis associated with Kawasaki syndrome. Burns JC, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):258-61

[What is the use of skin tests in uveitis? Retrospective study] Bloch-Michel E, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):531-4 **(Fre)**

[152 cases of uveitis. Etiologic survey] Mouillac-Gambarelli N, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):993-5 (Eng. Abstr.) **(Fre)**

[Serologic survey on arbovirus infections in patients presenting with uveitis] Le Lay-Rogues G, et al. **J Fr Ophtalmol** 1984;7(6-7):457-62 (Eng. Abstr.) **(Fre)**

[Iridocyclitis in children with rheumatoid arthritis] Mukamel M, et al. **Harefuah** 1984 Nov 1;107(9):224-5 (Eng. Abstr.) **(Heb)**

FAMILIAL & GENETIC

Pi phenotypes in patients with ankylosing spondylitis, acute anterior uveitis, psoriasis and chronic prostatitis. Møller P, et al. **Clin Genet** 1984 Oct;26(4):339-41

The genetics of acute anterior uveitis. Brewerton DA. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):248-9

IMMUNOLOGY

Acute anterior uveitis, ankylosing spondylitis, back pain, and HLA-B27. Beckingsale AB, et al. **Br J Ophthalmol** 1984 Oct;68(10):741-5

Serum immunoglobulins in acute anterior uveitis. McCoy R, et al. **Br J Ophthalmol** 1984 Nov;68(11):807-10

T-lymphocyte subpopulations in uveitis. Murray PI, et al. **Br J Ophthalmol** 1984 Oct;68(10):746-9

[Uveitis and tissue typing. Apropos of 100 cases] Mouillac-Gambarelli N, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):605-7 **(Fre)**

MICROBIOLOGY

Klebsiella and acute anterior uveitis. Beckingsale AB, et al. **Br J Ophthalmol** 1984 Dec;68(12):866-8

A search for gram-negative enteric micro-organisms in acute anterior uveitis: association of klebsiella with recent onset of disease, HLA-B27, and B7 CREG. White L, et al. **Br J Ophthalmol** 1984 Oct;68(10):750-5

OCCURRENCE

Anterior nongranulomatous uveitis: a seasonal variation. Cassel GH, et al. **Ann Ophthalmol** 1984 Nov;16(11):1066-8

PATHOLOGY

Lipopolysaccharide tolerance inhibits eye inflammation. II. Preliminary studies on the mechanism. Howes EL Jr, et al. **Arch Ophthalmol** 1985 Feb;103(2):261-5

Iridocyclitis and an iris mass associated with secondary syphilis. McCarron MJ, et al. **Ophthalmology** 1984 Oct;91(10):1264-8

Doyne lecture. Heterochromic iridocyclitis. O'Connor GR. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):219-31 (32 ref.)

[Value of alveolar lavage and transbronchial biopsy in the diagnosis of isolated sarcoid uveitis] Boscher C, et al. **J Fr Ophtalmol** 1985;8(2):159-63 (Eng. Abstr.) **(Fre)**

[Acute interstitial nephritis with iridocyclitis] Kiperova B, et al. **Vutr Boles** 1984;23(6):68-72 (Eng. Abstr.) **(Rus)**

SURGERY

Fuchs's heterochromic cyclitis and posterior capsulotomy. Roussel TJ, et al. **Br J Ophthalmol** 1985 Jun;69(6):449-51

[Surgical treatment method for exogenous suppurative iridocyclitis] Mirza-Avakian II, et al. **Oftalmol Zh** 1985;(3):151-3 (Eng. Abstr.) **(Rus)**

IRIDOVIRIDAE

Chilo iridescent virus. Devauchelle G, et al. **Curr Top Microbiol Immunol** 1985;116:37-48 (65 ref.)

Insect iridescent viruses. Kelly DC. **Curr Top Microbiol Immunol** 1985;116:23-35 (112 ref.)

African swine fever virus. Viñuela E. **Curr Top Microbiol Immunol** 1985;116:151-70 (126 ref.)

DRUG EFFECTS

Antiviral action of 5-amino-2-(2-dimethyl-aminoethyl)benzo-[de]-isoquinoli e. Garcia Gancedo A, et al. **Antiviral Res** 1984 Aug; 4(4):201-10

ENZYMOLOGY

Isolation and characterization of a frog virus 3 variant resistant to phosphonoacetate: genetic evidence for a virus-specific DNA polymerase. Chinchar VG, et al. **Virology** 1984 Oct 30;138(2):357-61

GENETICS

Diversity of African swine fever virus. Pan IC, et al. **Am J Vet Res** 1985 Feb;46(2):314-20

Molecular cloning and a stable amplification of the DNA molecules heavily methylated at CpG sequences using a new E. coli cell system (GC3). Darai G, et al. **Dev Biol Stand** 1985;59:3-9

Methylation pattern of fish lymphocystis disease virus DNA. Wagner H, et al. **J Virol** 1985 Mar;53(3):1005-7

Nucleotide sequence of an immediate-early frog virus 3 gene. Willis D, et al. **J Virol** 1984 Dec;52(3):905-12

The role of DNA methylation in virus replication: inhibition of frog virus 3 replication by 5-azacytidine. Goorha R, et al. **Virology** 1984 Oct 15;138(1):94-102

IMMUNOLOGY

An immunological approach to vaccines against African swine fever virus. Wardley RC, et al. **Vaccine** 1985 Mar; 3(1):54-6

ISOLATION & PURIFICATION

Purification and properties of African swine fever virus. Carrascosa AL, et al. **J Virol** 1985 May;54(2):337-44

METABOLISM

Macromolecular synthesis in cells infected by frog virus 3. Willis DB, et al. **Curr Top Microbiol Immunol** 1985; 116:77-106 (109 ref.)

Ultrastructural and biochemical study of frog virus 3 uptake by BHK-21 cells. Braunwald J, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):283-93

PATHOGENICITY

Coagulation changes in African swine fever virus infection. Edwards JF, et al. **Am J Vet Res** 1984 Nov;45(11):2414-20

Considerations in searching for the cause of AIDS. Teas J. **Ann NY Acad Sci** 1984;437:270-2

Porcine leukocyte cellular subsets sensitive to African swine fever virus in vitro. Casal I, et al. **J Virol** 1984 Oct; 52(1):37-46

PHYSIOLOGY

Lymphocystis disease virus. Flügel RM. **Curr Top Microbiol Immunol** 1985;116:133-50 (42 ref.)

Iridoviruses infecting terrestrial isopods and nematodes. Hess RT, et al. **Curr Top Microbiol Immunol** 1985;116:49-76 (40 ref.)

Interaction of frog virus 3 with the cytoskeleton. Murti KG, et al. **Curr Top Microbiol Immunol** 1985;116:107-31 (54 ref.)

Effect of chloroquine on African swine fever virus infection. Geraldes A, et al. **J Gen Virol** 1985 May;66 (Pt 5):1145-8

Isolation of polysomes from permissive and non-permissive invertebrate cell lines infected with chilo iridescent virus. Petit F, et al. **Med Microbiol Immunol (Berl)** 1985; 174(2):67-71

ULTRASTRUCTURE

Comparative ultrastructure of iridoviridae. Devauchelle G, et al. **Curr Top Microbiol Immunol** 1985;116:1-21 (77 ref.)

The organization of frog virus 3 as revealed by freeze-etching. Darcy-Tripier F, et al. **Virology** 1984 Oct 30;138(2):287-99

IRIS

[Iris diagnosis--a bad alternative in alternative medicine] Berggren L. **Lakartidningen** 1984 Dec 19;81(51):4852-5 **(Swe)**

ABNORMALITIES

Association of Wilms' tumor with Peter's anomaly. Eiferman RA. **Ann Ophthalmol** 1984 Oct;16(10):933-4

Cat's eye syndrome with cleft soft palate. Nakamura K. **Ann Plast Surg** 1985 Jan;14(1):77-80

Blue light hazard and aniridia. Abadi RV, et al. **Br J Ophthalmol** 1985 Mar;69(3):233-5

Localization of the oncogene c-Ha-ras1 outside the aniridia-Wilms' tumor-associated deletion of chromosome 11(del 11p13) using somatic cell hybrids. van Kessel AG, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):79-84

Del 11p/aniridia complex. Report of three patients and review of 37 observations from the literature. Turleau C, et al. **Clin Genet** 1984 Oct;26(4):356-62

Marker chromosome in cat eye syndrome [letter] Verma RS, et al. **Clin Genet** 1985 May;27(5):526-8

Molecular analysis of gene deletion in aniridia--Wilms tumor association. Michalopoulos EE, et al. **Hum Genet** 1985; 70(2):157-62

High-resolution studies in patients with aniridia-Wilms tumor association [letter] Nakagome Y, et al. **Hum Genet** 1985;70(3):289

Del 11p13/nephroblastoma without aniridia. Turleau C, et al. **Hum Genet** 1984;67(4):455-6

Oral manifestations of the Rieger syndrome: report of case. Drum MA, et al. **J Am Dent Assoc** 1985 Mar;110(3):343-6

Congenital aniridia in a pony. Irby NL, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):281-3

Primary glaucoma associated with iridotrabecular dysgenesis and ectropion uveae. Dowling JL Jr, et al. **Ophthalmology** 1985 Jul;92(7):912-21

Association of Hirschsprung's disease and imperforate anus in a patient with 'cat-eye' syndrome. A report of one case and review of the literature. Mahboubi S, et al. **Pediatr Radiol** 1984;14(6):441-2

Axenfeld-Rieger syndrome. A spectrum of developmental disorders. Shields MB, et al. **Surv Ophthalmol** 1985 May-Jun;29(6):387-409 (110 ref.)

[22 cases of dense congenital persistent pupillary membrane treated by laser] Liu GJ. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):225-7 **(Chi)**

[Associated ectopia of the lens and pupil (apropos of 2 familial cases)] Grange JD, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):865-7 (Eng. Abstr.) **(Fre)**

[Dysplasia of the corneal limbus, the mesodermal iris layer and the jaw skeleton in a family] Piper HF, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):287-93 (Eng. Abstr.) **(Ger)**

[A case of Rieger's syndrome] Debicka A, et al. **Klin Oczna** 1984 Nov;86(11):493-4 (Eng. Abstr.) **(Pol)**

ANALYSIS

A comparison between iris-ciliary body concentration and receptor affinity of timolol. Urtti A, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):16-8

Beta-adrenergic receptor subtypes iris-ciliary body of rabbits [letter] Clark B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):53

Distribution of Thy-1-like immunoreactivity in normal, sympathetically denervated and grafted mouse irides. Granholm AC, et al. **Histochemistry** 1985;82(2):107-11

Glial fibrillary acidic protein (GFAP)-like immunoreactivity in the rodent eye. Comparison between peripheral glia of the anterior uvea and central glia of the retina. Björklund H, et al. **J Neuroimmunol** 1985 Jun;8(4-6):331-45

Appearance of the noradrenergic markers tyrosine hydroxylase and neuropeptide Y in cholinergic nerves of the iris following sympathectomy. Björklund H, et al. **J Neurosci** 1985 Jun;5(6):1633-40

ANATOMY & HISTOLOGY

[Myoneural tissue] Klishiv AA, et al. **Arkh Anat Gistol Embriol** 1985 May;88(5):85-91 (44 ref.) **(Rus)**

BLOOD SUPPLY

Angioarchitecture of rabbit iris. Ojima M, et al. **Acta Med Okayama** 1985 Feb;39(1):47-52

Ocular neovascularization. Tissue culture studies. Gu XQ, et al. **Arch Ophthalmol** 1985 Jan;103(1):111-7

Neovascular glaucoma associated with ocular hypoperfusion secondary to carotid artery disease. Higgins RA. **Aust J Ophthalmol** 1984 May;12(2):155-62

Sympathectomy enhances the substance P-mediated breakdown of the blood-aqueous barrier in response to infrared irradiation of the rabbit iris. Bynke G, et al. **Experientia** 1985 Apr 15;41(4):488-9

Asymmetric distribution of charged domains on the two fronts of the endothelium of iris blood vessels. Raviola G, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):597-608

Hyperemic iris vessels with uveitis. Harris SL, et al. **J Am Optom Assoc** 1984 Nov;55(11):845-6

Corneal endothelial overgrowth of angle and iris. Evidence of myoblastic differentiation in three cases. Harris M, et al. **Ophthalmology** 1984 Oct;91(10):1154-60

[Occlusion of the posterior ciliary arteries after surgery for retinal detachment] Brancato R, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:258-60 **(Fre)**

[Velocimetric analysis of posterior ciliary arteries by the pulsed-Doppler method] Ducournau D, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:211-2 **(Fre)**

[Vascularization of the ciliary body. I. The greater arterial circle of the iris] Saracco JB, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):627-37 (Eng. Abstr.) **(Fre)**

[Neovascular glaucoma caused by branch vein occlusion and deficiency of carotid-encephalic circulation: pathogenetic correlation] Lodato G, et al. **J Fr Ophtalmol** 1984; 7(10):615-21 (Eng. Abstr.) **(Fre)**

[Iris angiography: follow-up studies of type I diabetics] Bernsmeier H, et al. **Fortschr Ophthalmol** 1985;82(1):112-4 (Eng. Abstr.) **(Ger)**

[Light and electron microscopic study on the iris stromal vessels in capsular glaucoma] Shimizu T. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):562-72 (Eng. Abstr.) **(Jpn)**

[Experimental study of the occurrence of iris neovascularization in monkey eyes] Yamaaki H. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):263-9 (Eng. Abstr.) **(Jpn)**

[Filtering sclerocyclovitrectomy in the treatment of neovascular glaucoma] Batmanov IuE, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):6-9 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The response of the isolated iris sphincter muscle of various mammalian species to substance P. Unger WG, et al. **Exp Eye Res** 1984 Dec;39(6):677-84

Dual effects of dynorphin-(1-13) on cholinergic and substance P-ergic transmissions in the rabbit iris sphincter muscle. Ueda N, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):545-50

Effects of melanin on lysosomal enzymes in bovine ciliary body and iris in vitro. Nakazawa M, et al. **Jpn J Ophthalmol** 1985;29(1):37-41

Some characterization of the responses to substance P and other tachykinins in rabbit iris sphincter muscle. Hosoki R, et al. **Jpn J Pharmacol** 1985 Feb;37(2):159-65

Effects of DFP on iridic metabolism and release of acetylcholine and on pupillary function in the rat. Mattio TG, et al. **Neuropharmacology** 1984 Oct;23(10):1207-14

[Testing of polyurethane as an implant for its biological compatibility] Kothe HW. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(3):177-81 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Urea cycle enzymes in retina, ciliary body-iris, lens and senile cataracts. Rao GN, et al. **Exp Eye Res** 1984 Oct; 39(4):483-95

Vanadate effects on ocular pressure, (Na+, K+)ATPase and adenylate cyclase in rabbit eyes. Mittag TW, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1335-8

Drug responses of adenylate cyclase in iris-ciliary body determined by adenine labelling. Mittag TW, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):396-9

The effect of sympathectomy upon iris tyrosinase activity. Lloyd T, et al. **Vision Res** 1985;25(2):213-7

[Experimental study on the relationship between experimental naphthalene cataract and iris color in the animal eye. III. Histochemical observation of o-diphenol oxidase activity in the iris and ciliary body in albino and pigmented rats] Nagata M. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1049-53 (Eng. Abstr.) **(Jpn)**

INJURIES

Iris tissue damage following suture-fixated Binkhorst type intraocular lenses. Singh G, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):1-4

[Elimination of iridodialysis using a needle with the eye at the tip without sectioning the anterior chamber] Liagin VN. **Oftalmol Zh** 1984;(8):498-500 **(Rus)**

[Elimination of traumatic iridiodialysis] Posazhennikov AP. **Oftalmol Zh** 1984;(8):497-8 **(Rus)**

[Reconstructive filling-in of wide defects in the iris as a result of eye injuries] Venger GE. **Oftalmol Zh** 1984;(6):383-4 **(Rus)**

INNERVATION

Afferent pupillary defect and dilated episcleral and conjunctival vessels in a patient with arteriovenous malformation of the brain. Mozaffarpour M. **Ann Ophthalmol** 1985 Jun;17(6):340-3

Prostaglandins enhance trigeminal substance P-ergic responses in the rabbit iris sphincter muscles. Ueda N, et al. **Brain Res** 1985 Jul 1;337(2):347-51

Amitriptyline and imipramine inhibit the release of acetylcholine from parasympathetic nerve terminals in the rat iris. Richardson JS, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):857-9

Nerve fiber production by intraocular adrenal medullary grafts: stimulation by nerve growth factor or sympathetic denervation of the host iris. Strömberg I, et al. **Cell Tissue Res** 1985;241(2):241-9

Luminance detectors in the olivary pretectal nucleus and their relationship to the pupillary light reflex in the rat. II. Studies using sinusoidal light. Clarke RJ, et al. **Exp Brain Res** 1985;59(1):83-90

Ocular hypotension in the rabbit. Receptor mechanisms of pirbuterol and nylidrin. Mittag TW, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):163-9

Ultrastructural and histochemical studies of the rat iris: identified neuronal inputs and supportive glia. Hedlund KO, et al. **J Neurocytol** 1984 Oct;13(5):703-25

Physiological identification of midbrain neurons related to lens accommodation in cats. Bando T, et al. **J Neurophysiol** 1984 Nov;52(5):870-8

Substance P-containing sensory nerves in the rat iris. Normal distribution, ontogeny and innervation of intraocular iris grafts. Seiger A, et al. **Neuroscience** 1985 Jun;15(2):519-28

Innervation of the human pupillary sphincter muscle by nerve fibers immunoreactive to substance P. Tervo T, et al. **Ophthalmic Res** 1985;17(2):111-4

Isolated pupil-sparing third nerve palsy. Trobe JD. **Ophthalmology** 1985 Jan;92(1):58-61

METABOLISM

Effects of (1,6-di(O-carbamoyl)cyclohexanone oxime)hexane (RHC 80267) on prostaglandin biosynthesis and accumulation of diacylglycerol and arachidonic acid in rabbit iris. Yousufzai SY, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):539-44

Immunohistochemical localization of S-100 protein in the retina, ciliary body and iris of human fetuses. Iwanaga T, et al. **Cell Tissue Res** 1985;239(3):505-10

Detoxification of hydrogen peroxide by the rabbit iris-ciliary body. Delamere NA, et al. **Exp Eye Res** 1985 Jun;40(6):805-11

Adrenergic receptor subtypes in rabbit iris-ciliary body membranes: classification by radioligand studies. Mittag TW, et al. **Exp Eye Res** 1985 Feb;40(2):239-49

Changes in substance P- and neuropeptide Y-immunoreactive fibres in rat and guinea-pig irides following unilateral sympathectomy. Zhang SQ, et al. **Exp Eye Res** 1984 Sep;39(3):365-72

Maturation of Rb+ and PAH accumulation by rabbit anterior uvea and choroid plexus. Krupin T, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):159-62

Determination of ethoxzolamide in the iris/ciliary body of the rabbit eye by high-performance liquid chromatography: comparison of tissue levels following intravenous and topical administrations. Eller MG, et al. **J Pharm Sci** 1984 Sep;73(9):1261-4

Immunohistochemical localization of endogenous nerve growth factor. Rush RA. **Nature** 1984 Nov 22-28;312(5992):364-7

Kinetics of the efflux of 3H-norepinephrine from rabbit irides. Kim MY, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec;328(2):142-7

Acute effects of cholinesterase inhibitors on uptake of choline in the rat iris. Mattio TG, et al. **Neuropharmacology** 1985 Apr;24(4):325-8

The effects of alpha 1-adrenergic and muscarinic cholinergic stimulation on prostaglandin release by rabbit iris. Yousufzai SY, et al. **Prostaglandins** 1984 Sep;28(3):399-415

PATHOLOGY

Bullous keratopathy accompanying essential iris atrophy: response to lowered intraocular pressure. Choplin NT, et al. **Ann Ophthalmol** 1980 Sep;12(9):1052-3

Hypopyon and iris necrosis in acute-closure glaucoma. Report of two cases. Zhang MY. **Chin Med J [Engl]** 1984 Aug;97(8):583-6

Surgical revision of vitreous and iris-incarceration in persisting cystoid maculopathy (Hruby-Irvine-Gass-syndrome)--report on 27 eyes. Naumann GO, et al. **Dev Ophthalmol** 1985;11:181-7

Effects of the CW YAG laser on the human iris and retina. Peyman GA, et al. **Ophthalmology** 1984 Sep;91(9):1034-9

[Fluorescence angiography of the iris in open-angle glaucoma] Boguszaková J, et al. **Cesk Oftalmol** 1984 Jun;40(2-3):79-85 (Eng. Abstr.) **(Cze)**

[Urrets-Zavalia syndrome and glaucomatous cataract. Etiopathogenic and nosologic discussion] Flament J, et al. **Ophthalmologica** 1984;189(4):186-94 (Eng. Abstr.) **(Fre)**

[Ultrastructure of the iris following iatrogenic injuries] Miszalok V, et al. **Fortschr Ophthalmol** 1984;81(3):247-9 (Eng. Abstr.) **(Ger)**

[Ophthalmic care of very low birthweight infants. Report 1. Clinical studies on the vessels of pupillary membrane] Hommura S, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):457-64 (Eng. Abstr.) **(Jpn)**

[Histological and electron microscopic studies of the healing of the iris in iridoplasty] Venger GE, et al. **Oftalmol Zh** 1984;(4):226-9 (Eng. Abstr.) **(Rus)**

[Closed-angle glaucoma with iridolenticular block] Vurgaft MB. **Oftalmol Zh** 1984;(6):377-80 **(Rus)**

PHYSIOLOGY

Effects of adrenergic agonists and cyclic AMP on the short-circuit current across the isolated rabbit iris-ciliary body. Chu TC, et al. **Curr Eye Res** 1985 Apr;4(4):523-9

Pseudoscience--a critical look at iridology [editorial] Worrall RS. **J Am Optom Assoc** 1984 Oct;55(10):735-9

PHYSIOPATHOLOGY

Pupillary abnormalities in congenital neurosyphilis. Sundaram MB. **Can J Neurol Sci** 1985 May;12(2):134-5

The autonomic nervous system and the eye [editorial] **Lancet** 1985 Sep 14;2(8455):591-2

[Pathogenesis of pupillary upward shift after cataract extraction] Hu YH. **Chung Hua Yen Ko Tsa Chih** 1985 Mar;21(2):108-110 **(Chi)**

[The iris after posterior chamber lens implantation] Paroussis P, et al. **Fortschr Ophthalmol** 1985;82(1):55-6 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

Experimental investigations of intraocular eicosanoids: cultured human trabecular cells and laser photocoagulation of the rabbit iris. Weinreb RN, et al. **Curr Eye Res** 1985 Mar;4(3):281-90

Treatment of primary angle-closure glaucoma by argon laser iridotomy: a long-term follow-up. Yamamoto T, et al. **Jpn J Ophthalmol** 1985;29(1):1-12

Laser iridotomy. Beckman H. **Trans New Orleans Acad Ophthalmol** 1985;:177-81

SURGERY

The immediate IOP response of Nd-YAG-laser iridotomy and its prophylactic treatability. Schrems W, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):673-80

Laser iridectomy in the management of chronic angle-closure glaucoma. Gieser DK, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):446-50

A modified technique for serial use of argon and neodymium-YAG lasers in laser iridotomy. Naveh-Floman N, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):485-6

Filtering iridocycloretraction in chronic closed-angle glaucoma. Nesterov AP, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):340-2

Argon laser photomydriasis during vitrectomy surgery [letter] Stern WH. **Am J Ophthalmol** 1985 Mar 15;99(3):366-7

Laser iridotomy vs surgical iridectomy. Have the indications changed? Rivera AH, et al. **Arch Ophthalmol** 1985 Sep;103(9):1350-4

Argon laser iridotomy. Harrad RA, et al. **Br J Ophthalmol** 1985 May;69(5):368-72

Cairns' goniospasis revisited. Drews RC, et al. **Dev Ophthalmol** 1985;11:139-41

Repositioning of pupil for visual disability. Lamba PA, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):4-9

Current concepts in laser iridotomy. Pollack IP. **Int Ophthalmol Clin** 1984 Fall;24(3):153-80 (49 ref.)

Neodymium:YAG laser iridotomy in the cynomolgus monkey. Dragon DM, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):789-96

Consultation section. Indications for performing an iridectomy during cataract-intraocular lens surgery. **J Am Intraocul Implant Soc** 1985 May;11(3):301-4

Peripheral iridotomy [letter] Maynor RC Jr. **J Am Intraocul Implant Soc** 1984 Summer;10(3):358-9

AB interno iridectomy combined with pars plicata lensectomy. Mizuno K, et al. **Jpn J Ophthalmol** 1984;28(4):416-20

Enlargement of an argon laser iridectomy [letter] Berkowitz J. **Ophthalmic Surg** 1985 Feb;16(2):88-9

Retinal burns from experimental laser iridotomy. Bongard B, et al. **Ophthalmic Surg** 1985 Jan;16(1):42-4

Treatment of selected cases of pupillary block with YAG laser iridotomies [letter] Rockwood EJ, et al. **Ophthalmic Surg** 1984 Dec;15(12):968

Delayed hyphema after argon laser iridectomy. Rubin L, et al. **Ophthalmic Surg** 1984 Oct;15(10):852-3

Posterior chamber lenses: theory and use. Sheets JH. **Ophthalmic Surg** 1984 Nov;15(11):922-5

Another hypopyon following laser iridotomy [letter] Shin DH. **Ophthalmic Surg** 1984 Dec;15(12):968

Foveal photocoagulation from laser iridotomy. Berger BB. **Ophthalmology** 1984 Sep;91(9):1029-33

Modern goniosynechialysis for the treatment of synechial angle-closure glaucoma. Campbell DG, et al. **Ophthalmology** 1984 Sep;91(9):1052-60

Iridotomy using the Q-switched neodymium (Nd):YAG laser [letter] Gilbert CM, et al. **Ophthalmology** 1984 Sep;91(9):1123

Q-switched neodymium:YAG laser iridotomy. Klapper RM. **Ophthalmology** 1984 Sep;91(9):1017-21

Acute intraocular pressure response to argon laser iridotomy. Krupin T, et al. **Ophthalmology** 1985 Jul;92(7):922-6

A comparison of neodymium: YAG and argon laser iridotomies. Robin AL, et al. **Ophthalmology** 1984 Sep;91(9):1011-6

Iris sphincterotomy, iridotomy, and synechiotomy by linear incision with the argon laser. Wise JB. **Ophthalmology** 1985 May;92(5):641-5

Laser iridotomy for management of angle-closure glaucoma. Cashwell LF. **South Med J** 1985 Mar;78(3):288-91

Techniques of argon laser iridectomy. Kolker AE. **Trans Am Ophthalmol Soc** 1984;82:302-6

Use of the neodymium:YAG laser to create iridotomies in monkeys and humans. Pollack IP, et al. **Trans Am Ophthalmol Soc** 1984;82:307-28

Laser peripheral iridectomy comparing Q-switched neodymium YAG with argon. McAllister JA, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):67-9

Pupilloplasty in aphakic and pseudophakic pupillary block glaucoma. Theodossiadis GP. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):137-41

[75 cases of argon laser iridectomy using Abraham's method in angle-closure glaucoma] Arnéodo J, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):933-5 (Eng. Abstr.) **(Fre)**

[Opening of the angle by laser photocoagulation. Apropos of a case with aphakia] Blervacque A. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):501-2 (Eng. Abstr.) **(Fre)**

[Has laser iridectomy definitely replaced surgical peripheral iridectomy in angle-closure glaucoma?] Haut J, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1093-5 **(Fre)**

[Dangers of laser iridectomy in primary angle-closure glaucoma] Kopel J, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):357-9 **(Fre)**

[Comparison of results of iridencleisis and covered goniotrepanation] Mayer H. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):569-71 (Eng. Abstr.) **(Ger)**

[Collapse of the blood-aqueous humor barrier following laser injury--preventive pharmacotherapy with prostaglandin inhibitors] Schrems W. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):29-31 (Eng. Abstr.) **(Ger)**

[Simultaneous operation for retinal detachment and intrascleral iridencleisis for the prevention of glaucoma] Mrzygłód S. **Klin Oczna** 1984 Aug;86(8):345-6 (Eng. Abstr.) **(Pol)**

[Prophylactic iridectomy in closed-angle glaucoma] Ignat F, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):225-30 (Eng. Abstr.) **(Rum)**

[Measurement of the ocular hypotonic effect of basal iridencleisis] Radian AB. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):49-52 (Eng. Abstr.) **(Rum)**

[Correction of high myopia with an extrapupillary iris lens (preliminary report)] Dvali ML. **Vestn Oftalmol** 1984 Sep-Oct;(5):29-31 (Eng. Abstr.) **(Rus)**

[Late results and outflow routes following the operation of iridocycloretraction] Krasnov MM, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):14-7 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Successful intraocular lens implantation: a histological and scanning electron microscopic study of four cases. Mullaney J, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:41-9

Iris receptors of fresh human eyes. Reibaldi A, et al. **Ann Ophthalmol** 1984 Aug;16(8):746-8

Type IV melanosomes of the human albino iris. McCartney AC, et al. **Br J Ophthalmol** 1985 Jul;69(7):537-41

Beta-adrenergic receptor subtypes iris-ciliary body of rabbits (1984,221:167-170)[letter] Gross DM, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):168

The fine structure of pigment epithelium of the iris in capsular glaucoma. Shimizu T, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):77-82

IRIS DISEASES

A unique case of human ophthalmic acariasis caused by Orthohalarachne attenuata (Banks, 1910) (Acari: Halarachnidae). Webb JP Jr, et al. **J Parasitol** 1985 Jun;71(3):388-9

COMPLICATIONS

Juvenile iridoschisis and microphthalmos. Summers CG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):437-9

Intrastromal iris hemorrhage in a patient with hemoglobin C trait. Pautler SE, et al. **Ann Ophthalmol** 1984 Oct;16(10):945-6

CONGENITAL

[Congenital spontaneously ruptured epidermoid cyst of the iris] Naumann GO, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):284-6 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Intraocular tumors. Abramson DH. **Hosp Pract [Off]** 1984 Oct;19(10):97-106

The pupil and its disorders. Selhorst JB. **Neurol Clin** 1983 Nov;1(4):859-81 (46 ref.)

[Clinical significance of bitemporal paralysis of the pupillary sphincters] Safran AB, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:407-9 **(Fre)**

[Spontaneous hyphema symptomatic of a microhemangioma of the pupillary border] Prost F, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1383-5 (Eng. Abstr.) **(Fre)**

ETIOLOGY

Pupillary block with flexible anterior chamber intraocular lenses. Passo MS, et al. **Am J Ophthalmol** 1985 May 15;99(5):603-4

Color as a risk factor in iris melanoma. Rootman J, et al. **Am J Ophthalmol** 1984 Nov;98(5):558-61

Iris transillumination defect and microhyphema syndrome. Johnson SH, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):425-8

Pupillary abnormalities induced by argon laser photocoagulation. Lobes LA Jr, et al. **Ophthalmology** 1985 Feb;92(2):234-6

[Pseudophakia and the pupil] Doden W. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):155-7 (Eng. Abstr.) **(Ger)**

[Midbrain corectopia. A manifestation of dorsal midbrain syndrome in seven patients with basilar artery infarction] Aikawa T, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):424-31 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Nodular adenomatosis of iris pigment epithelium. Tso MO, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):87-95

Epithelioid cell nevus of the iris. Shields JA, et al. **Arch Ophthalmol** 1985 Feb;103(2):235-7

Ring melanoma of the iris and ciliary body. Omulecki W, et al. **Br J Ophthalmol** 1985 Jul;69(7):514-8

Ring melanoma of the iris. Iridocorneal endothelial syndrome. Donders PC. **Int Ophthalmol** 1985 Mar; 7(3-4):161-7

Iridocyclitis and an iris mass associated with secondary syphilis. McCarron MJ, et al. **Ophthalmology** 1984 Oct; 91(10):1264-8

Iris melanoma. Nevus or malignancy? Kersten RC, et al. **Surv Ophthalmol** 1985 May-Jun;29(6):423-33

[Ocular hypertension and endothelio-iridic dystrophic syndromes. Nosologic discussion] Bronner A, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1387-93 (Eng. Abstr.) **(Fre)**

[Tumor of the pigmentary epithelium of the iris. Discussion of a case] Flament J, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):309-11 (Eng. Abstr.) **(Fre)**

[Iris involvement and leukemic hypopyon in adult acute monocytic leukemia. A case report] Murate T, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1273-7 (Eng. Abstr.) **(Jpn)**

[Iridoschisis and glaucoma (a case presentation)] Băgăluţ E, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):151-2 (Eng. Abstr.) **(Rum)**

PHYSIOPATHOLOGY

Iris retraction associated with rhegmatogenous retinal detachment syndrome and hypotony. A new explanation. Campbell DG. **Arch Ophthalmol** 1984 Oct;102(10):1457-63

SURGERY

Iris melanomas. Geisse LJ, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):638-48

Argon laser iridocorneal adhesiolysis. Gross JG, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):330-1

Dental mirror for goniosynechialysis during penetrating keratoplasty. Weiss JS, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):331-2

Laser treatment of primary ring-shaped epithelial iris cyst. Bron AJ, et al. **Br J Ophthalmol** 1984 Dec;68(12):859-65

Neodymium Q-switched YAG laser lysis of iris lens synechiae. Fankhauser F, et al. **Ophthalmology** 1985 Jun; 92(6):790-2

Argon laser destruction of anterior chamber implantation cysts [letter] Sugar J, et al. **Ophthalmology** 1985 Feb; 92(2):306-7

[Ultrastructure of the iris following iatrogenic injuries] Miszalok V, et al. **Fortschr Ophthalmol** 1984;81(3):247-9 (Eng. Abstr.) **(Ger)**

[Thermal epithelial abrasion in iris prolapse of long duration following cataract extraction] Stefani F. **Fortschr Ophthalmol** 1985;82(3):265 (Eng. Abstr.) **(Ger)**

IRITIS

[Site of implantation as a factor in inflammation of the iris] Menezo JL, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:350-3 **(Fre)**

CHEMICALLY INDUCED

Iritis after herbicide exposure [letter] McMillin RB, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):726-7

ENZYMOLOGY

Ascorbic acid inhibits the activity of polymorphonuclear leukocytes in inflamed ocular tissues. Williams RN, et al. **Exp Eye Res** 1984 Sep;39(3):261-5

ETIOLOGY

Unilateral blindness caused by infection with the Lyme disease spirochete, Borrelia burgdorferi. Steere AC, et al. **Ann Intern Med** 1985 Sep;103(3):382-4

Migration of acetylated hemicellulose from capillary hemodialyzer to blood, causing scleritis and/or iritis. Oba T, et al. **Artif Organs** 1984 Nov;8(4):429-35

[Interstitial nephritis with iritis] Uszycka-Karcz M, et al. **Pediatr Pol** 1985 Feb;60(2):187-90 **(Pol)**

PATHOLOGY

Hyperemic iris vessels with uveitis. Harris SL, et al. **J Am Optom Assoc** 1984 Nov;55(11):845-6

IRON

see related
FERRITIN
HEMOSIDERIN
TRANSFERRIN

Iron pigment in the brain of a man with tardive dyskinesia. Campbell WG, et al. **Am J Psychiatry** 1985 Mar; 142(3):364-5

A comparison of the ferruginous body and uncoated fiber content in the lungs of former asbestos workers. Dodson RF, et al. **Am Rev Respir Dis** 1985 Jul;132(1):143-7

Resistance of nonaqueous solvent systems containing tetraalkylammonium salts. Evaluation of heterogeneous electron transfer rate constants for the ferrocene/ferrocenium couple. Kadish KM, et al. **Anal Chem** 1984 Aug;56(9):1741-4

Spectrophotometric methods for the determination of some thiols with aminophenols and iron (III). Sastry CS, et al. **Analyst** 1985 Feb;110(2):189-91

Kinetic studies on the reduction of iron(III)deuteroporphyrin--human serum albumin complex with dithionite ion. Chu AH, et al. **Arch Biochem Biophys** 1984 Oct;234(1):129-37

Increase of the Fe effective charge in hemoproteins during oxygenation process. Bianconi A, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):98-102

Temperature dependent spectral changes of iron and nickel hemoglobins and their derivatives. Chuknyiski PP, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):721-7

Copper(II)- and iron(II)-complexes of methyl 2-(2-aminoethyl)-aminomethyl-pyridine-6-carboxyl-histi (AMPHIS), a peptide mimicking the metal-chelating moiety of bleomycin. An ESR investigation. Hénichart JP, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1036-41

Use of desferrioxamine as a 'probe' for iron-dependent formation of hydroxyl radicals. Evidence for a direct reaction between desferal and the superoxide radical. Halliwell B. **Biochem Pharmacol** 1985 Jan 15;34(2):229-33

Iron(III)-adriamycin and Iron(III)-daunorubicin complexes: physicochemical characteristics, interaction with DNA, and antitumor activity. Beraldo H, et al. **Biochemistry** 1985 Jan 15;24(2):284-9

Physicochemical studies of the iron(III)-carminomycin complex and evidence of the lack of stimulated superoxide production by NADH dehydrogenase. Fiallo MM, et al. **Biochim Biophys Acta** 1985 May 29;840(1):91-8

Reduction potential of iron in transferrin. Harris DC, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):295-301

Observation of the FeIV=O stretching vibration of ferryl myoglobin by resonance Raman spectroscopy. Sitter AJ, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):229-35

Nanosecond transient resonance Raman spectra of the FeII-CO and FeIII-NO photolysis products of horseradish peroxidase. Smulevich G, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):80-5

Iron-mediated formation of an oxidized adriamycin free radical. Zweier JL. **Biochim Biophys Acta** 1985 Apr 17; 839(2):209-13

Experimental ocular siderosis after extrabulbar administration of iron. Gerkowicz K, et al. **Br J Ophthalmol** 1985 Feb; 69(2):149-53

Low iron intakes among young women in Britain. Barber SA, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):743-4

Protected glycosides and disaccharides of 2-amino-2-deoxy-D-glucopyranose by ferric chloride-catalyzed coupling. Kiso M, et al. **Carbohydr Res** 1985 Feb 28;136:309-23

XANES study of iron displacement in the haem of myoglobin. Bianconi A, et al. **FEBS Lett** 1984 Dec 3; 178(1):165-70

Superoxide dismutase inhibits the superoxide-driven Fenton reaction at two different levels. Implications for a wider protective role. Gutteridge JM. **FEBS Lett** 1985 Jun 3; 185(1):19-23

Resonance Raman evidence of chloride binding to the heme iron in myeloperoxidase. Ikeda-Saito M, et al. **FEBS Lett** 1985 May 6;184(1):52-5

Fine-granular cationic iron colloid. Its preparation, physicochemical characteristics and histochemical use for the detection of ionized anionic groups. Seno S, et al. **Histochemistry** 1985;82(4):307-12

Iron and steel founding. **IARC Monogr Eval Carcinog Risk Chem Hum** 1984 Jun; 34:133-90

Iron electronic structure in oxyhemoglobin and carboxypeptidase digested derivatives. Balko B, et al. **J Biochem Biophys Methods** 1984 Nov;10(1-2):55-64

Fe(III).ATP complexes. Models for ferritin and other polynuclear iron complexes with phosphate. Mansour AN, et al. **J Biol Chem** 1985 Jul 5;260(13):7975-9

Iron-sulfur cluster in aconitase. Crystallographic evidence for a three-iron center. Robbins AH, et al. **J Biol Chem** 1985 Feb 25;260(4):2328-33

Hemoglobin. A biologic fenton reagent. Sadrzadeh SM, et al. **J Biol Chem** 1984 Dec 10;259(23):14354-6

Structural changes in the oxidation zones of gold alloys for porcelain bonding containing small amounts of Fe and Sn. Ohno H, et al. **J Dent Res** 1985 Jan;64(1):67-73

Template-directed polynucleotide synthesis on mineral surfaces. Schwartz AW, et al. **J Mol Evol** 1984-85; 21(3):299-300

A retrospective cohort mortality study of iron ore (hematite) miners in Minnesota. Lawler AB, et al. **J Occup Med** 1985 Jul;27(7):507-17

The preparation and characterization of ferrous sulphate hydrates. Mitchell AG. **J Pharm Pharmacol** 1984 Aug; 36(8):506-10

Iron ore mining: assessing morbidity. Field GB. **Med J Aust** 1985 Jul 22;143(2):68-9

Iron ore mining: assessing the environment. Major G. **Med J Aust** 1985 Jul 22;143(2):66-8

Iron ore mining. Description of the industry and potential risks to health. Musk AW. **Med J Aust** 1985 Jul 22; 143(2):64-6

Lead exposure among iron workers in New York City. A continuing occupational hazard in the 1980s. Fischbein A, et al. **NY State J Med** 1984 Sep;84(9):445-8

The effect of the particle size of synthetic red iron oxide on the appearance of tablet film coatings. Rowe RC. **Pharm Acta Helv** 1985;60(5-6):157-61

[Indication for microcapsulated antineoplastic agents, with special reference to local therapy using magnetized powder] Karasawa N, et al. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):516-9 **(Jpn)**

[Use of an Fe3+, 2,2'-dipyridyl reagent system for the identification of aminophenazone (pyramidone) and noramidopyrine (novalgin) metabolites on thin-layer chromatograms] Buhl F, et al. **Acta Pol Pharm** 1985; 42(1):37-43 (Eng. Abstr.) **(Pol)**

[Study of radicals formed in the interaction of organic hydroperoxides with ferric ions using the spin trap method] Osipov AN, et al. **Biofizika** 1984 Jul-Aug;29(4):533-6 (Eng. Abstr.) **(Rus)**

[Biologically active hydroxamic acids--iron complexons] Kol'tsova GN, et al. **Gematol Transfuziol** 1984 Sep; 29(9):56-9 (30 ref.) **(Rus)**

[Electron structure of the active center of paramagnetic hemoproteins from the data of low-temperature magnetic circular dichroism. High-spin ferric derivatives] Sharonov IuA, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):378-89 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Zinc bioavailability and infant formula [letter] McMaster D, et al. **Am J Clin Nutr** 1985 May;41(5):1067

Iron intake and status of men and women consuming self-selected diets. Miles CW, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1393-6

Bone marrow status of anaemic pregnant women on supplemental iron and folic acid in a Nigerian community. Okafor LA, et al. **Angiology** 1985 Aug;36(8):500-3

Effects of iron supplementation on serum ferritin and other hematological indices of iron status in menstruating women. Hercberg S, et al. **Ann Nutr Metab** 1985;29(4):232-8

Dietary iron--chemistry and bioavailability. Clydesdale FM. **ASDC J Dent Child** 1985 Jul-Aug;52(4):312-5

A placebo-controlled comparative trial of various prenatal vitamin formulations in pregnant women. Biswas MK, et al. **Clin Ther** 1984;6(6):763-9

Assessment of daily iron doses administered to patients with chronic blood loss. Oertel J, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):461-3

Calculating available dietary iron. Wickham C, et al. **Ir J Med Sci** 1985 May;154(5):174-7

Oral iron, dietary ligands and zinc absorption. Sandström B, et al. **J Nutr** 1985 Mar;115(3):411-4

Iron supplementation for menstruating female blood donors. Simon TL, et al. **Transfusion** 1984 Nov-Dec;24(6):469-72

[Hemoglobin biosynthesis and tissue saturation with copper and iron after varied intake] Skorkowska-Zieleniewska J. **Rocz Panstw Zakl Hig** 1984;35(6):525-31 (Eng. Abstr.) **(Pol)**

[Possibilities of using ferromagnetic materials for targeted drug transport] Papisov MI, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):372-4 (Eng. Abstr.) **(Rus)**

[Effect of finely-dispersed iron powder on the development of iron deficiency anemia] Ivanenko GF, et al. **Izv Akad Nauk SSSR [Biol]** 1985 May-Jun;(3):462-6 (Eng. Abstr.) **(Rus)**

[Plutonium-239 distribution in the body in relation to the rhythm of administration of an iron preparation] Rushonik SI, et al. **Radiobiologiia** 1985 May-Jun;25(3):410-4 (Eng. Abstr.) **(Rus)**

[Copper and manganese metabolism during the administration of therapeutic doses of iron] Nasolodin VV, et al. **Ter Arkh** 1984;56(9):116-9 (Eng. Abstr.) **(Rus)**

[Comparative effectiveness of microelements added to the diet of athletes during training in different seasons] Nasolodin VV, et al. **Vopr Pitan** 1984 Nov-Dec;(6):33-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Intravenous iron in the treatment of rheumatoid arthritis [letter] Duthie JJ. **Ann Rheum Dis** 1985 Aug;44(8):572-3

Iron overload associated with congenital pyruvate kinase deficiency and high dose ascorbic acid ingestion. Rowbotham B, et al. **Aust NZ J Med** 1984 Oct;14(5):667-9

Vitamin C, desferrioxamine and iron loading anemias. Van der Weyden MB. **Aust NZ J Med** 1984 Oct;14(5):593-5

Umbilical haemorrhage due to ferrous sulphate in newborn piglets. Love RJ. **Aust Vet J** 1985 Jan;62(1):30

Comparative incidence of side effects of a wax-matrix and a sustained-release iron preparation. Brock C, et al. **Clin Ther** 1985;7(4):492-6

Hyperinsulinism in iron overload [letter] Dandona P, et al. **Diabetologia** 1984 Dec;27(6):610

Haemochromatosis following prolonged oral iron ingestion. Jalihal SS, et al. **J R Soc Med** 1984 Aug;77(8):690-2

Lack of adverse side effects of oral ferrous sulfate therapy in 1-year-old infants. Reeves JD, et al. **Pediatrics** 1985 Feb;75(2):352-5

ANALYSIS

Increased breast milk iron in severe maternal anemia: physiological 'trapping' or leakage? Fransson GB, et al. **Acta Paediatr Scand** 1985 Mar;74(2):290-1

A comparison of iron oxide fume inside and outside of welding helmets. Goller JW, et al. **Am Ind Hyg Assoc J** 1985 Feb;46(2):89-93

Compartmentalization of iron in sickle cell anemia--an autopsy study. Natta C, et al. **Am J Clin Pathol** 1985 Jan; 83(1):76-8

Determination of iron in serum and water by resonance ionization isotope dilution mass spectrometry. Fassett JD, et al. **Anal Chem** 1984 Oct;56(12):2228-33

Spectrophotometric determination of trace amounts of iron(III) in oxalates by extraction of the mixed-ligand iron-oxalate-purpurin complex. Capitan F, et al. **Analyst** 1985 Jul;110(7):819-21

Iron bound to phytates of maize. Garzón P, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun;15(2):163-71 **(Eng, Spa)**

Effect of oral cadmium administration to female rats during pregnancy on zinc, copper, and iron content in placenta, foetal liver, kidney, intestine, and brain. Sowa B, et al. **Arch Toxicol** 1985 Feb;56(4):256-62

Iron derivatives of modified milk protein. Cremonesi P, et al. **Arzneimittelforsch** 1984;34(9):948-52

Chemical characterization of iron (III)-hydroxide-dextrin complexes. A comparative study of commercial preparations with alleged reproductions used in the examination of bioavailability. Erni I, et al. **Arzneimittelforsch** 1984;34(11):1555-9

Azotobacter chroococcum 7Fe ferredoxin. Two pH-dependent forms of the reduced 3Fe clusters and its conversion to a 4Fe cluster. George SJ, et al. **Biochem J** 1984 Nov 15;224(1):247-51

Depletion of excessive liver iron stores with desferrioxamine. Cohen A, et al. **Br J Haematol** 1984 Oct;58(2):369-73

Measurement of iron in liver biopsies--a comparison of three analytical methods. Kreeftenberg HG, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):255-62

Iron-rich particles in European eel (Anguilla anguilla L.). Hanson M, et al. **Comp Biochem Physiol [A]** 1984; 79(2):311-6

Spectroscopic studies of the nature of the iron clusters in the soluble hydrogenase from Desulfovibrio desulfuricans (strain Norway 4). Bell SH, et al. **Eur J Biochem** 1984 Dec 17;145(3):645-51

Dioxygen-activating iron center in putidamonooxin. Electron spin resonance investigation of the nitrosylated putidamonooxin. Twilfer H, et al. **Eur J Biochem** 1985 Feb 15;147(1):171-6

Use of the respiration activity of Thiobacillus ferrooxidans for the specific determination of iron(II, III). Mandl M, et al. **Folia Microbiol (Praha)** 1985;30(2):105-9

Correlations between iron content and isoferritin profiles of normal and malignant tissues. Niitsu Y, et al. **Gann** 1984 Aug;75(8):699-702

Iron and phosphorus content of rabbit liver ferritin fractions with different subunit composition. Frenkel EJ, et al. **Int J Biochem** 1985;17(3):421-4

Zinc, copper, manganese and iron in rat organs after the administration and withdrawal of aflatoxin B1. Ikegwuonu FI. **J Appl Toxicol** 1984 Oct;4(5):241-5

Sulfmyoglobin. Resonance Raman spectroscopic evidence for an iron-chlorin prosthetic group. Andersson LA, et al. **J Biol Chem** 1984 Dec 25;259(24):15340-9

Iron deposition in apoferritin. Evidence for the formation of a mixed valence binuclear iron complex. Chasteen ND, et al. **J Biol Chem** 1985 Mar 10;260(5):2926-9

Kinetics of the removal of ferric ion from transferrin by aminoalkylphosphonic acids. Harris WR. **J Inorg Biochem** 1984 Aug;21(4):263-76

Noninvasive analysis of skin iron and zinc levels in beta-thalassemia major and intermedia. Gorodetsky R, et al. **J Lab Clin Med** 1985 Jan;105(1):44-51

Valuation of some biological parameters in acute spinal cord trauma: experimental study in rabbits. Scuotto A, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3-4):145-7

Effects of dietary protein concentration on trace minerals in rat tissues at different ages. Sherman AR, et al. **J Nutr** 1985 May;115(5):607-14

Neutron activation of iron tablets to evaluate the effects of glycine on iron absorption. Christensen JM, et al. **J Pharm Sci** 1984 Nov;73(11):1529-31

Nuclear resonance scattering measurement of human iron stores. Wielopolski L, et al. **Med Phys** 1985 Jul-Aug; 12(4):401-4

Transferrin receptors in rat brain: neuropeptide-like pattern and relationship to iron distribution. Hill JM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4553-7

Theory of Mössbauer spectra of proteins fluctuating between conformational substates. Nadler W, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5719-23

The iron status of urban black subjects with carcinoma of the oesophagus. Isaacson C, et al. **S Afr Med J** 1985 Apr 13;67(15):591-3

The occurrence of copper, iron, zinc and other elements and the nature of some copper and iron complexes in humic substances from municipal refuse disposed of in a landfill. Filip Z, et al. **Sci Total Environ** 1985 Jul;44(1):1-16

[Determination of the iron content of the normal lens and the cataracted lens] Cernea P, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:311-3 **(Fre)**

[Deferoxamine in hemosiderosis. Fecal iron excretion during continuous subcutaneous infusion] Krüger N, et al. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1682-5 (Eng. Abstr.) **(Ger)**

[Automated sampling and analysis procedure for dissolution tests of Fe2+ drug preparations] Herzfeldt CD, et al. **Pharmazie** 1984 Nov;39(11):783-4 **(Ger)**

[Differential analysis of the binding forms of iron in various plant foodstuffs] Thiele A, et al. **Z Lebensm Unters Forsch** 1985 Feb;180(2):126-31 (Eng. Abstr.) **(Ger)**

[A morphological study of plasma cells with iron-laden granules] Nakazawa M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1144-56 (Eng. Abstr.) **(Jpn)**

[Investigation of the aging phenomena in the eye (lens) by atomic absorption spectrophotometry--high performance aqueous gel permeation chromatography] Ishii M. **Rinsho Byori** 1985 Jun;33(6):657-62 **(Jpn)**

[Determination of iron in saccharomycete yeasts by the dipyridyl method] Kovalev LM, et al. **Biol Nauki** 1984; (12):96-100 (Eng. Abstr.) **(Rus)**

[Localization of the FeMo-cofactor in the active center of nitrogenase] Levchenko LA, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1003-5 **(Rus)**

[Photometric determination of barium ferrite in atmospheric air] Ermachenko TP, et al. **Gig Sanit** 1984 Oct;(10):47-8 **(Rus)**

[Pb, Cd, Mn and Fe in inhalable particles in downtown Caracas] Lara V, et al. **Acta Cient Venez** 1984; 35(5-6):369-73 (Eng. Abstr.) **(Spa)**

BLOOD

Iron metabolism and 'sports anemia'. II. A hematological comparison of elite runners and control subjects. Magnusson B, et al. **Acta Med Scand** 1984;216(2):157-64

Iron metabolism and 'sports anemia'. I. A study of several iron parameters in elite runners with differences in iron status. Magnusson B, et al. **Acta Med Scand** 1984; 216(2):149-55

Iron stores in users of oral contraceptive agents. Frassinelli-Gunderson EP, et al. **Am J Clin Nutr** 1985 Apr; 41(4):703-12

Concentration-dependent sedimentation properties of ferritin: implications for estimation of iron contents of serum ferritins. Niitsu Y, et al. **Am J Hematol** 1985 Apr; 18(4):363-71

Low molecular weight iron in guinea pig reticulocytes. Pollack S, et al. **Am J Hematol** 1985 May;19(1):75-84

Transferrin level derived from total iron-binding capacity: is it a reliable relationship? Short LF, et al. **Am J Surg** 1984 Nov;148(5):621-3

Iron and transferrin in acute experimental Salmonella cholerae-suis infection in pigs. Kramer TT, et al. **Am J Vet Res** 1985 Feb;46(2):451-5

Simultaneous multielement analysis of microliter quantities of serum for copper, iron, and zinc by graphite furnace atomic absorption spectrometry. Lewis SA, et al. **Anal Chem** 1984 Aug;56(9):1651-4

High-sensitivity extraction-spectrophotometric determination of iron with 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine and tetrabromophenolphthalein ethyl ester. Tsurubou S, et al. **Analyst** 1984 Nov;109(11):1397-9

Cisplatin and plasma iron levels [letter] Grau JJ, et al. **Ann Intern Med** 1985 Jul;103(1):158-9

Low serum iron levels and moderate anemia in severe nodulocystic acne. Reversal with isotretinoin therapy. Leyden JJ. **Arch Dermatol** 1985 Feb;121(2):214-5

Nanosecond optical spectra of iron-cobalt hybrid hemoglobins: geminate recombination, conformational changes, and intersubunit communication. Hofrichter J, et al. **Biochemistry** 1985 May 21;24(11):2667-79

Mobilization of ferritin iron in erythroblasts by chelating agents. Grasso JA, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):109-18

Iron detoxification by haemoperfusion through deferoxamine-conjugated agarose-polyacrolein microsphere beads. Horowitz D, et al. **Biomaterials** 1985 Jan;6(1):9-16

Secondary iron overload and the haemochromatosis allele. Simon M. **Br J Haematol** 1985 May;60(1):1-5

Increased storage of iron and anaemia in rheumatoid arthritis: usefulness of desferrioxamine. Giordano N, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):961-2

Correlation of erythrocyte and plasma levels of zinc, copper, and iron with evidence of metastatic spread in cancer patients. Gorodetsky R, et al. **Cancer** 1985 Feb 15; 55(4):779-87

Effects of cytotoxic agents on iron metabolism [letter] Lane M, et al. **Cancer Treat Rep** 1985 Jun;69(6):729-30

Effects of spermine on transferrin and iron uptake by reticulocytes: II. Changes in intravesicular pH. Loh TT, et al. **Cell Biol Int Rep** 1985 May;9(5):495-500

Abrogation of macrophage-mediated suppression of T-lymphocyte proliferation with hemoglobin and hemin is a function of iron content. Walker SM. **Cell Immunol** 1985 Jan;90(1):267-73

Serum iron determination using ferene triazine. Smith FE, et al. **Clin Biochem** 1984 Oct;17(5):306-10

Modified assay for total iron-binding capacity unaffected by change in pH of lyophilized control sera [letter] Deimann LG, et al. **Clin Chem** 1985 Jun;31(6):1075

Short-term changes in iron, ferritin, total iron-binding capacity, and transferrin in serum after myocardial infarction [letter] Finlayson J, et al. **Clin Chem** 1985 May; 31(5):782-3

Pitfall in treatment of anion-exchange resin before total iron-binding capacity in serum is measured [letter] Nakamura K, et al. **Clin Chem** 1985 Aug;31(8):1413

Measurement of iron and total iron-binding capacity with the RA-1000 analyzer [letter] Ng RH, et al. **Clin Chem** 1984 Oct;30(10):1725-6

Serum iron as determined in the automated DACOS random access analyzer [letter] Polz-Schaerffenberg E, et al. **Clin Chem** 1985 Jan;31(1):159-60

Effect of long-term storage on the assay of iron and iron-binding capacity in serum [letter] Williams HL, et al. **Clin Chem** 1985 May;31(5):790-1

Lack of influence of TfC genetic phenotype on iron, iron-binding capacity, percentage saturation, and immunologically determined transferrin in blood donor sera. Eckfeldt JH, et al. **Clin Chim Acta** 1985 Jan 15; 145(1):101-5

Are usual immunochemical methods for the determination of human serum transferrin influenced by the iron-saturation of the protein? Vernet-Nyssen M, et al. **Clin Chim Acta** 1984 Nov 30;143(3):355-60

Vitamin C and iron overload in a chronic hemodialysis patient [letter] Haubenstock A, et al. **Clin Nephrol** 1985 Jan;23(1):51-2

Low-molecular-weight iron complexes and oxygen radical reactions in idiopathic haemochromatosis. Gutteridge JM, et al. **Clin Sci** 1985 Apr;68(4):463-7

Transferrin endocytosis and the mechanism of iron uptake by reticulocytes in the toad (Bufo marinus). Lim BC, et al. **Comp Biochem Physiol [A]** 1984;79(2):317-23

Determination of zinc, copper, manganese, and iron in blood from patients with light-sensitive skin diseases. Horkay I, et al. **Dermatologica** 1984;169(2):66-9

Variations in iron status with fatigue modelled from training in female distance runners. Banister EW, et al. **Eur J Appl Physiol** 1985;54(1):16-23

Molecular aspects of iron kinetics. Marx JJ. **Eur J Clin Invest** 1984 Dec;14(6):408-10

Possible sources of error in the calculation of ferrokinetic parameters using Ricketts' triexponential model. Gori C, et al. **Eur J Nucl Med** 1984;9(11):517-8

Serum iron, serum transferrin and transferrin saturation in healthy children without iron deficiency. Milman N, et al. **Eur J Pediatr** 1984 Dec;143(2):96-8

Improved direct determination of serum iron. Giuliani F, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):6-10

Iron status in Sicilian subjects with beta-thalassemia trait. Musumeci S, et al. **Haematologica (Pavia)** 1985 Jan-Feb; 70(1):1-5

Haematological response to supplements of iron and riboflavin to pregnant and lactating women in rural Gambia. Powers HJ, et al. **Hum Nutr Clin Nutr** 1985 Mar; 39(2):117-29

Serum iron in babies of anemic mothers--II. Ahmad SH, et al. **Indian Pediatr** 1984 Oct;21(10):759-63

Inflammation triggers hypoferremia and de novo synthesis of serum transferrin and ceruloplasmin in mice. Beaumier DL, et al. **Infect Immun** 1984 Nov;46(2):489-94

Reduced hemoglobin concentration and red cell hemoglobinization in Italian marathon and ultramarathon runners. Casoni I, et al. **Int J Sports Med** 1985 Jun; 6(3):176-9

Fever and changes in plasma zinc and iron concentrations in the goat: the role of leukocytic pyrogen. Van Miert AS, et al. **J Comp Pathol** 1984 Oct;94(4):543-57

Early effects of cyclophosphamide on plasma iron and ferrokinetics in mice. Aggio MC, et al. **Medicina (B Aires)** 1984;44(2):167-70

Iron overload as a result of transfusion therapy in a patient with adenosine deaminase deficiency. Hopp RJ, et al. **Nebr Med J** 1985 Mar;70(3):95-7

Ferritin, iron and total iron-binding capacity of the serum from Holstein young steers in prolonged undernutrition. Furugouri K. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):859-65

Iron uptake in iron-deficient reticulocytes. Okada S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):873-7

Serum iron depression following a marathon swim in Lake Erie. Gravenstein D, et al. **Ohio State Med J** 1985 Apr; 81(4):281, 283, 285 passim

Impact of the WIC program on the iron status of infants. Miller V, et al. **Pediatrics** 1985 Jan;75(1):100-5

Iron, transferrin, and acid and alkaline phosphatase in healthy turkeys and in turkeys inoculated with the lymphoproliferative disease virus. Zimber A, et al. **Poult Sci** 1985 Jan;64(1):71-7

Desferrioxamine treatment for aluminium and iron overload in uraemic patients by haemodialysis or haemofiltration. Baldamus CA, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:382-6

Concomitant removal of aluminium and iron by haemodialysis and haemofiltration after desferrioxamine intravenous infusion. Ciancioni C, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:469-73

Iron removal by desferrioxamine during haemodialysis: in vitro studies. Müller-Wiefel DE, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:377-81

Molecular advantage of diferric transferrin in delivering iron to reticulocytes: a comparative study. Huebers H, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):222-6

Interleukin-1 from P388D1: effects upon neutrophils, plasma iron, and fibrinogen in rats, mice, and rabbits. Kampschmidt RF, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):197-200

Ferrochelatase deficiency in the bone marrow in a syndrome of congenital hypochromic microcytic anemia, hyperferremia, and iron overload of the liver. Stavem P, et al. **Scand J Gastroenterol [Suppl]** 1985;107:73-81

Iron absorption from red and white wines. Bezwoda WR, et al. **Scand J Haematol** 1985 Feb;34(2):121-7

Serum iron, total iron-binding capacity, transferrin and haptoglobin concentration in schizophrenic patients. Wong CT, et al. **Singapore Med J** 1985 Feb;26(1):103-5

Plasma aluminum and iron kinetics in hemodialyzed patients after i.v. infusion of desferrioxamine. Ciancioni C, et al. **Trans Am Soc Artif Intern Organs** 1984;30:479-82

An approach to determine objectively minimum hemoglobin standards for blood donors. Ali AM, et al. **Transfusion** 1985 May-Jun;25(3):286-8

Clinical and experimental modifications of plasma iron and zinc concentrations in cattle. Depelchin BO, et al. **Vet Rec** 1985 May 11;116(19):519-21

[Determination of zinc, copper, magnesium and iron in renal diseases and their clinical significance] Zhu JM. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):749-51, 791 (Eng. Abstr.) **(Chi)**

[Long-term follow-up of the levels of iron in plasma and its total binding capacity in adolescents] Omelka F, et al. **Cesk Pediatr** 1985 Jan;40(1):17-20 (Eng. Abstr.) **(Cze)**

[Changes in the blood picture and iron stores during pregnancy and after labor] Zivný J, et al. **Sb Lek** 1985 Apr;87(4):90-7 (Eng. Abstr.) **(Cze)**

[Relations between iron levels in mothers and in their newborn infants] Hercberg S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):855-60 (Eng. Abstr.) **(Fre)**

[Hyposiderinemia and anemia in Crohn disease (letter)] Heimpel H. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1744-5 **(Ger)**

[Behavior of serum iron levels and total iron-binding capacity following gastrectomy] Schröder H, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(3):118-23 (Eng. Abstr.) **(Ger)**

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 1. Changes in the differential blood picture as a function of the vitamin and ferritin levels of the serum vs. erythrocytes] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):59-67 (Eng. Abstr.) **(Ger)**

[Evaluation of the folacin status in children with regard to the cobalamin and iron status. 2. Incidence and severity of folate deficiency] Hages M, et al. **Int J Vitam Nutr Res** 1985;55(1):69-77 (Eng. Abstr.) **(Ger)**

[77-year-old patient with normocytic anemia, increased serum iron and ineffective erythropoiesis] Abenhardt W, et al. **Internist (Berlin)** 1984 Jun;25(6):379-82 **(Ger)**

[Blood and serum iron values in children in day care centers with reference to preventive iron administration] Lorenz K, et al. **Padiatr Grenzgeb** 1984;23(6):477-83 (Eng. Abstr.) **(Ger)**

[Determination of blood iron using an electrochemical detector: comparison of methods and study of normal values in children] Astori L. **Quad Sclavo Diagn** 1984 Sep;20(3):314-24 (Eng. Abstr.) **(Ita)**

[Iron and cobalt levels and the morphological state of the blood in EPH gestosis] Kolasa F, et al. **Przegl Lek** 1984;41(8):517-9 (Eng. Abstr.) **(Pol)**

[Modification of 239Pu metabolism in the blood in various methods of iron preparation administration in the body] Shvydko NS, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):42-4 (Eng. Abstr.) **(Rus)**

[Anemia in rheumatoid arthritis. I. The role of iron metabolic disorders in the development of anemia in rheumatoid arthritis patients] Miterev IuG, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):12-4 (Eng. Abstr.) **(Rus)**

[Chemiluminescent determination of iron, copper and cobalt in the serum] Zaporozhets OA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):54-8 (Eng. Abstr.) **(Rus)**

[Iron-containin[illegible]od proteins in poisoning by polyamide compounds] [illegible]otov PA, et al. **Vopr Med Khim** 1985 May-Jun;31[illegible]45-8 (Eng. Abstr.) **(Rus)**

[Enzyme activity and dynamics of blood levels of microelements during the complex treatment of chronic liver diseases] Neĭko VE. **Vrach Delo** 1985 Jun;(6):61-3 **(Rus)**

[Release of antibacterial leukocyte proteins and variations in serum iron levels in bacterial pneumonias] Camacho J, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):123-6 (Eng. Abstr.) **(Spa)**

[Transfer of 59Fe to reticulocytes from transferrin in the serum of children with signs of protein-calorie malnutrition] Scaro JL, et al. **Sangre (Barc)** 1984;29(3):287-93 (Eng. Abstr.) **(Spa)**

CHEMICAL SYNTHESIS

Iron derivatives of modified milk protein. Cremonesi P, et al. **Arzneimittelforsch** 1984;34(9):948-52

Fine-granular cationic iron colloid. Its preparation, physicochemical characteristics and histochemical use for the detection of ionized anionic groups. Seno S, et al. **Histochemistry** 1985;82(4):307-12

DEFICIENCY

Urinary catecholamines in iron-deficient rats at rest and following surgical stress. Groeneveld D, et al. **Am J Clin Nutr** 1985 Aug;42(2):263-9

Decreased antibody formation in iron-deficient rat pups--effect of iron repletion. Kochanowski BA, et al. **Am J Clin Nutr** 1985 Feb;41(2):278-84

A study of serum ferritin in beta thalassemia. Iron deficiency and overload. Saraya AK, et al. **Am J Clin Pathol** 1985 Jul;84(1):103-7

Regional specificity of iron uptake by small intestinal brush-border membranes from normal and iron-deficient mice. Muir A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G376-9

Work performance in the iron-deficient rat: improved endurance with exercise training. Perkkiö MV, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E306-11

Iron deficiency in a Northern Thai population: the effects of iron supplements studied by means of plasma ferritin estimations. Linpisarn S, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):268-74

Iron and infection in infancy--report on field studies in Papua New Guinea: II. Protocol and description of study cohort. Oppenheimer SJ, et al. **Ann Trop Paediatr** 1984 Sep;4(3):145-53

Cerebral function in iron deficiency: a review. Evans DI. **Child Care Health Dev** 1985 May-Jun;11(3):105-12

Detecting iron deficiency by serum tests [letter] Lorier MA, et al. **Clin Chem** 1985 Feb;31(2):337-8

Iron deficiency and iron overload. Jacobs A. **CRC Crit Rev Oncol Hematol** 1985;3(2):143-86 (508 ref.)

Increased hepatic and reduced prostatic prolactin (PRL) binding in iron deficiency and during neuroleptic treatment: correlation with changes in serum PRL and testosterone. Barkey RJ, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):193-200

The increased opiate action of beta-endorphin in iron-deficient rats: the possible involvement of dopamine. Yehuda S, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):245-51

Effect of iron deficiency on the response of mouse lymphocytes to concanavalin A: the importance of transferrin-bound iron. Mainou-Fowler T, et al. **Immunology** 1985 Feb;54(2):325-32

Mental development and iron deficiency states. Choudhry VP, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):427-8

In vivo evidence that bacteria in urinary tract infection grow under iron-restricted conditions. Shand GH, et al. **Infect Immun** 1985 Apr;48(1):35-9

Iron depletion and blood lead levels in a population with endemic lead poisoning. Hershko C, et al. **Isr J Med Sci** 1984 Nov;20(11):1039-43

Treadmill test in asymptomatic persons and in iron deficiency [letter] Mehta BC. **J Assoc Physicians India** 1984 Aug;32(8):761

Effects of iron deficiency--an iceberg phenomenon. Mehta BC. **J Assoc Physicians India** 1984 Oct;32(10):895-900

Cellular growth in iron-deficient rats: effect of pre- and postweaning iron repletion. Kochanowski BA, et al. **J Nutr** 1985 Feb;115(2):279-87

Microcytosis in experimental iron deficiency. Rennie JS, et al. **J Oral Med** 1985 Apr-Jun;40(2):93-7

Swallowing difficulties and iron deficiency [letter] Dijkstra BK. **J R Soc Med** 1984 Dec;77(12):1064

Improved detection of early iron deficiency [letter] **JAMA** 1985 Sep 6;254(9):1174-5

Improved detection of early iron deficiency in nonanemic subjects. McClure S, et al. **JAMA** 1985 Feb 15;253(7):1021-3

Supplementation of total parenteral nutrition solutions with ferrous citrate. **Nutr Rev** 1985 Jan;43(1):20-2 (10 ref.)

Maternal iron deficiency affects carnitine metabolism in rat pups. **Nutr Rev** 1985 Jul;43(7):220-2

Non-hematologic complications of iron deficiency. **Nutr Rev** 1984 Oct;42(10):361-3

Non-hematologic complications of iron deficiency [letter] Margoles MS. **Nutr Rev** 1985 Mar;43(3):95-6

Iron deficiency--facts and fallacies. Oski FA. **Pediatr Clin North Am** 1985 Apr;32(2):493-7 (24 ref.)

Lack of adverse side effects of oral ferrous sulfate therapy in 1-year-old infants. Reeves JD, et al. **Pediatrics** 1985 Feb;75(2):352-5

Chemically-altered viral susceptibilities, stressing tissue cultures, metals, interferon, and porcine iron deficiency. Gainer JH. **Prog Clin Biol Res** 1984;161:171-86

Gastrointestinal flora in iron-deficient piglets. Larkin HA, et al. **Res Vet Sci** 1985 Jul;39(1):5-9

Prevalence of latent iron deficiency in patients with chronic S. mansoni infection. Mansour MM, et al. **Trop Geogr Med** 1985 Jun;37(2):124-8

Serum ferritin and total iron-binding capacity to estimate iron storage in pigs. Smith JE, et al. **Vet Pathol** 1984 Nov;21(6):597-600

[Nutritional iron deficiency. Is there a relation, in some infants, to a sub-deficiency of vitamin C?] Pureur JL. **Ann Pediatr (Paris)** 1984 Dec;31(11):961-4 (Eng. Abstr.) **(Fre)**

[Iron deficiency in infants. Study of risk factors] Dommergues JP, et al. **Arch Fr Pediatr** 1984 Nov;41(9):623-7 (Eng. Abstr.) **(Fre)**

[Does blood ferritin permit diagnosis of iron deficiency in Basedow's disease? (letter)] Rymer JC, et al. **Presse Med** 1984 Oct 27;13(38):2327 **(Fre)**

[Methodological approach to epidemiologic studies with regard to detection of iron deficiency] Loseva MI, et al. **Gematol Transfuziol** 1984 Dec;29(12):51-4 **(Rus)**

[Prevention of iron and copper deficiency in the bodies of children and adults] Rusin VIa, et al. **Gematol Transfuziol** 1984 Sep;29(9):39-43 (Eng. Abstr.) **(Rus)**

[Iron deficiency and the state of the body's defenses] Kazakova LM, et al. **Pediatriia** 1984 Nov;(11):50-3 **(Rus)**

[Effect of iron-deficient diets on the formation of bone tissue] Smoliar VI. **Vopr Pitan** 1984 Sep-Oct;(5):55-9 (Eng. Abstr.) **(Rus)**

[Iron deficiency and hypochromic anemia in normal infants and preschool children] Palomo I, et al. **Rev Chil Pediatr** 1984 Jul-Aug;55(4):248-53 (Eng. Abstr.) **(Spa)**

[Sensitivity and specificity of erythrocyte indices in the diagnosis of iron deficiency in children and women living at 3 different altitudes] Piedras J, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):21-5 (Eng. Abstr.) **(Spa)**

DIAGNOSTIC USE

Technique of labeling monocytes with 111In-Fe colloid for use in humans. Ensing GJ, et al. **Exp Hematol** 1985 Jan;13(1):1-6

The labelling of magnetically responsive particles with 99mTc and 32P. Lichtenstein M, et al. **Int J Nucl Med Biol** 1984;11(2):153-8

Dilute oral iron solutions as gastrointestinal contrast agents for magnetic resonance imaging; initial clinical experience. Wesbey GE, et al. **Magn Reson Imaging** 1985;3(1):57-64

The use of iron and gadolinium chelates as NMR contrast agents: animal and human studies. Carr DH. **Physiol Chem Phys Med NMR** 1984;16(2):137-44

[Relative Ga-67 image enhancement by iron-loading] Higashi T, et al. **Kaku Igaku** 1984 Jul;21(7):791-8 (Eng. Abstr.) **(Jpn)**

METABOLISM

Iron-containing granules in the syncytiotrophoblast of the human chorionic villi. Hamasaki K, et al. **Acta Anat (Basel)** 1985;121(3):194-6

Iron, zinc, and copper balance in short bowel patients on oral nutrition. Engels LG, et al. **Am J Clin Nutr** 1984 Nov;40(5):1038-41

Transition from a hunter-gatherer to a settled lifestyle in the !Kung San: effect on iron, folate, and vitamin B12 nutrition. Fernandes-Costa FJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1295-303

Soy protein products and heme iron absorption in humans. Lynch SR, et al. **Am J Clin Nutr** 1985 Jan;41(1):13-20

Statistical analysis of relationship between iron accumulation and hepatitis B surface antigen. Senba M, et al. **Am J Clin Pathol** 1985 Sep;84(3):340-2

Monitoring of intensive phlebotomy therapy in iron overload by serum ferritin assay. van Oost BA, et al. **Am J Hematol** 1985 Jan;18(1):7-12

Spleen iron content is low in thalassemia. Borgna-Pignatti C, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):340-3

Transferrin and iron release from rat hepatocytes in culture. Baker E, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G93-7

Effect of inflammatory agents and interleukin 1 on iron and zinc metabolism. Klasing KC. **Am J Physiol** 1984 Nov;247(5 Pt 2):R901-4

Regional specificity of iron uptake by small intestinal brush-border membranes from normal and iron-deficient mice. Muir A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G376-9

Multiple-objective criteria for optimal experimental design: application to ferrokinetics. Nathanson MH, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R378-86

Quantitation of reticuloendothelial iron kinetics in humans. Stefanelli M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R842-9

Stable isotope ratio mass spectrometry for iron bioavailability studies. Eagles J, et al. **Anal Chem** 1985 Feb;57(2):469-71

Iron status in blood donors. Ting WC, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):527-30

Iron overload in thalassaemic patients in Hong Kong. Tso SC, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):487-90

Serum transferrin concentrations and total iron-binding capacities in relation to different haemoglobin phenotypes. Wong CT, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):491-3

Role of iron ions in the genesis of reperfusion injury following successful cardiopulmonary resuscitation: preliminary data and a biochemical hypothesis. Babbs CF. **Ann Emerg Med** 1985 Aug;14(8):777-83 (40 ref.)

Postischemic tissue injury by iron-mediated free radical lipid peroxidation. White BC, et al. **Ann Emerg Med** 1985 Aug;14(8):804-9

Treatment of iron overload in Cooley's anemia. Cohen A, et al. **Ann NY Acad Sci** 1985;445:274-81

The relationship of plasmid-mediated iron transport and bacterial virulence. Crosa JH. **Annu Rev Microbiol** 1984;38:69-89 (197 ref.)

Biology of iron- and manganese-depositing bacteria. Ghiorse WC. **Annu Rev Microbiol** 1984;38:515-50 (200 ref.)

Iron transport and serum resistance in Pseudomonas aeruginosa. Cox CD. **Antibiot Chemother** 1985;36:1-12

Effect of subinhibitory concentrations of cephalosporins on surface properties and siderophore production in iron-depleted Klebsiella pneumoniae. Kadurugamuwa JL, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):220-3

Siderophore utilization and iron uptake by Rhodopseudomonas sphaeroides. Moody MD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):178-86

Chelated iron-catalyzed OH. formation from paraquat radicals and H2O2: mechanism of formate oxidation. Sutton HC, et al. **Arch Biochem Biophys** 1984 Nov 15; 235(1):106-15

Long-term efficacy of deferoxamine iron chelation therapy in adults with acquired transfusional iron overload. Schafer AI, et al. **Arch Intern Med** 1985 Jul;145(7):1217-21

Iron binding to anticonvulsants. Garzón-de la Mora P, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):293-301 **(Eng, Spa)**

Body iron reserves of rural and urban Guatemalan women of reproductive age. Franzetti S, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):69-82

Ferruginous body formation on a nonasbestos mineral. Dodson RF, et al. **Arch Pathol Lab Med** 1985 Sep; 109(9):849-52

Effects of subcutaneous and oral cadmium on iron metabolism: role of ceruloplasmin and metallothionein. Sugawara N, et al. **Arch Toxicol** 1984 Nov;56(1):25-8

Iron pharmacokinetics after administration of ferric-hydroxide-polymaltose complex in rats. Geisser P, et al. **Arzneimittelforsch** 1984;34(11):1560-9

On the absorption of divalent and trivalent iron in living rats. Schäfer S, et al. **Arzneimittelforsch** 1984;34(11):1570-4

Iron overload associated with congenital pyruvate kinase deficiency and high dose ascorbic acid ingestion [letter] Bett JH, et al. **Aust NZ J Med** 1985 Apr;15(2):270

Adhesive properties and iron uptake ability in Escherichia coli lethal and nonlethal for chicks. Dho M, et al. **Avian Dis** 1984 Oct-Dec;28(4):1016-25

Plasmid-mediated iron sequestering systems in pathogenic strains of Vibrio anguillarum and Escherichia coli. Crosa JH, et al. **Basic Life Sci** 1985;30:759-74

The plasmid-specified aerobactin iron uptake system of Escherichia coli. Williams PH, et al. **Basic Life Sci** 1985; 30:741-57

Red cell ghost-entrapped deferoxamine as a model clinical targeted delivery system for iron chelators and other compounds. Green R. **Bibl Haematol** 1985;(51):25-35

Iron depletion: possible cause of tumor cell cytotoxicity induced by activated macrophages. Hibbs JB Jr, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):716-23

Iron uptake from transferrin by isolated hepatocytes: effect of ethanol. Nunes R, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):824-30

Iron chelation by pyridoxal isonicotinoyl hydrazone and analogues in hepatocytes in culture. Baker E, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3011-7

Streptonigrin-induced deoxyribose degradation: inhibition by superoxide dismutase, hydroxyl radical scavengers and iron chelators. Gutteridge JM. **Biochem Pharmacol** 1984 Oct 1;33(19):3059-62

Cellular pharmacology of deferrioxamine B and derivatives in cultured rat hepatocytes in relation to iron mobilization. Laub R, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1175-83

The interaction of hemerythrin with sodium dodecyl sulfate and the release of iron from the product with desferrioxamine B. Bradić Z, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):86-94

Transferrin as a donor of iron to mitochondria. Effect of pyrophosphate and relationship to mitochondrial metabolism and heme synthesis. Nilsen T, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):448-53

The effect of various chelating agents on the mobilization of iron from reticulocytes in the presence and absence of pyridoxal isonicotinoyl hydrazone. Ponka P, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):477-89

Fe3+ transport by brush-border membrane vesicles isolated from normal and hypoxic mouse duodenum and ileum. Simpson RJ, et al. **Biochim Biophys Acta** 1985 Mar 28; 814(1):8-12

Fe2+ uptake by intestinal brush-border membrane vesicles from normal and hypoxic mice. Simpson RJ, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):381-8

Calmodulin antagonists inhibit and phorbol esters enhance transferrin endocytosis and iron uptake by immature erythroid cells. Hebbert D, et al. **Blood** 1985 Mar; 65(3):758-63

Regulation of heme synthesis in erythroid cells: hemin inhibits transferrin iron utilization but not protoporphyrin synthesis. Ponka P, et al. **Blood** 1985 Apr;65(4):850-7

The effect of 1 alpha, 25-dihydroxycholecalciferol on iron metabolism. Dusso AS, et al. **Blut** 1985 Aug;51(2):103-8

Mucosal iron binding proteins and the inhibition of iron absorption by endotoxin. El-Shobaki F, et al. **Blut** 1985 Feb;50(2):95-101

Ultrastructural localization of transferrin, transferrin receptor, and iron-binding sites on human placental and duodenal microvilli. Parmley RT, et al. **Br J Haematol** 1985 May;60(1):81-9

Plasmodium falciparum takes up iron from transferrin. Pollack S, et al. **Br J Haematol** 1984 Oct;58(2):289-93

Copper, iron, free radicals and arthritis. Blake DR, et al. **Br J Rheumatol** 1985 May;24(2):123-5

Impaired phagocytic activity of neutrophils in patients receiving haemodialysis: the critical role of iron overload. Waterlot Y, et al. **Br Med J [Clin Res]** 1985 Aug 24; 291(6494):501-4

Release of ferrous iron from ferritin by liver microsomes: a possible role in the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Rowley B, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1293-300

Intestinal absorption of zinc: competitive interactions with iron, cobalt, and copper in mice with sex-linked anemia (sla). Flanagan PR, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1124-8

Effect of phorbol esters on iron uptake in human hematopoietic cell lines. Testa U, et al. **Cancer Res** 1984 Nov;44(11):4981-6

Hepatocarcinogenicity of hexachlorobenzene in rats and the sex difference in hepatic iron status and development of porphyria. Smith AG, et al. **Carcinogenesis** 1985 Apr; 6(4):631-6

Phagocytotic and iron-storing capacities of stromal cells in the rat endometrium. A histochemical and ultrastructural study. Cornillie FJ, et al. **Cell Tissue Res** 1985; 239(3):467-76

Fe2+-supported in vivo lipid peroxidation induced by compounds undergoing redox cycling. Younes M, et al. **Chem Biol Interact** 1985 Jun;54(1):97-103

Copper and iron complexes catalytic for oxygen radical reactions in sweat from human athletes. Gutteridge JM, et al. **Clin Chim Acta** 1985 Feb 15;145(3):267-73

Iron uptake by the microaerophilic anaerobe Bifidobacterium bifidum var. pennsylvanicus. Bezkorovainy A. **Clin Physiol Biochem** 1984;2(6):291-7

Iron metabolism pathways in the rat hepatocyte. Morley CG, et al. **Clin Physiol Biochem** 1983;1(1):3-11

Conservation of iron and hemoglobin during induced hemolytic stress in the amphibian Taricha granulosa. Francis RT Jr, et al. **Comp Biochem Physiol [A]** 1984; 79(1):109-13

Transferrin-mediated iron transport in the perfused isolated human placental lobule. Eaton BM, et al. **Contrib Gynecol Obstet** 1985;13:149-50

Alterations in calcium, magnesium, iron, and zinc metabolism by dietary cholestyramine. Watkins DW, et al. **Dig Dis Sci** 1985 May;30(5):477-82

Radioiron utilization and gossypol acetic acid in male rats. Tone JN, et al. **Drug Chem Toxicol** 1985;8(1-2):69-82

Iron retention and distribution in the cadmium-induced iron deficiency. Schäfer SG, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):128-41

Mössbauer investigation of the cofactor iron of putidamonooxin. Bill E, et al. **Eur J Biochem** 1985 Feb 15;147(1):177-82

Transferrin receptors and iron utilization in DMSO-inducible and -uninducible Friend erythroleukemia cells. Wilczynska A, et al. **Exp Cell Res** 1984 Oct;154(2):561-6

Epileptogenic effects of electrolytic lesions in the hippocampus: role of iron deposition. Campbell KA, et al. **Exp Neurol** 1984 Dec;86(3):506-14

Nature of the FeO2 bonding in myoglobin: an overview from physical to clinical biochemistry. Shikama K. **Experientia** 1985 Jun 15;41(6):701-6 (33 ref.)

Identity of the metal ligands in the manganese- and iron-containing superoxide dismutases. Barra D, et al. **FEBS Lett** 1985 Jan 7;179(2):329-31

Reactions of the semiquinone free radicals of anti-tumour agents with oxygen and iron complexes. Butler J, et al. **FEBS Lett** 1985 Mar 11;182(1):95-8

The competitive equilibrium between aluminium and ferric ions for the binding sites of transferrin. Cochran M, et al. **FEBS Lett** 1984 Oct 15;176(1):129-32

Transfer of ferritin-bound iron to adriamycin. Demant EJ. **FEBS Lett** 1984 Oct 15;176(1):97-100

Site specificity of iron removal from transferrin by alpha-ketohydroxypyridine chelators. Kontoghiorghes GJ, et al. **FEBS Lett** 1985 Sep 9;189(1):141-4

Low serum 25-hydroxyvitamin D in hereditary hemochromatosis: relation to iron status. Chow LH, et al. **Gastroenterology** 1985 Apr;88(4):865-9

Studies on the use of desferrioxamine in experimental ocular siderosis produced by extrabulbar administration of iron. Gerkowicz K, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):101-5

The role of transferrin in lymphocyte transformation. Brock JH. **Haematologia (Budap)** 1984;17(2):187-98

Hepatic mitochondrial oxidative metabolism in rats with chronic dietary iron overload. Bacon BR, et al. **Hepatology** 1985 Sep-Oct;5(5):789-97

Transferrin and its receptor: their roles in cell function. Bomford AB, et al. **Hepatology** 1985 Sep-Oct;5(5):870-5 (74 ref.)

Iron exclusion by proliferative foci and neoplastic lesions induced by 7,12-dimethylbenz(a)anthracene in the rat adrenal cortex. Furuya K, et al. **Histochem J** 1985 Feb; 17(2):213-21

Fe2+-dependent modulation of 3-hydroxy-3-methylglutaryl CoA reductase by a cytosolic protein, fermodulin. Menon AS, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):27-38

Hepatic glycogen, iron distribution & histopathological alterations in mice exposed to hexachlorocyclohexane. Nigam SK, et al. **Indian J Med Res** 1984 Apr;79:571-9

Effects of siderophores on the growth of Pseudomonas aeruginosa in human serum and transferrin. Ankenbauer R, et al. **Infect Immun** 1985 Jul;49(1):132-40

Haemophilus influenzae can use human transferrin as a sole source for required iron. Herrington DA, et al. **Infect Immun** 1985 Apr;48(1):248-51

Effects of iron and desferrioxamine on infections with Yersinia enterocolitica. Robins-Browne RM, et al. **Infect Immun** 1985 Mar;47(3):774-9

Iron-vibriobactin transport system is not required for virulence of Vibrio cholerae. Sigel SP, et al. **Infect Immun** 1985 Feb;47(2):360-2

Aerobactin iron transport genes commonly encoded by certain ColV plasmids occur in the chromosome of a human invasive strain of Escherichia coli K1. Valvano MA, et al. **Infect Immun** 1984 Oct;46(1):159-67

Response of Neisseria gonorrhoeae to iron limitation: alterations in expression of membrane proteins without apparent siderophore production. West SE, et al. **Infect Immun** 1985 Feb;47(2):388-94

Cellular iron uptake from transferrin: is endocytosis the only mechanism? Morley CG, et al. **Int J Biochem** 1985; 17(5):553-64 (74 ref.)

Transmembrane transport of iron from extracellular transferrin by lymphoma cells. Almeida AF, et al. **Int J Nucl Med Biol** 1985;12(1):67-9

Effects of pregnancy and riboflavin deficiency on some aspects of iron metabolism in rats. Powers HJ, et al. **Int J Vitam Nutr Res** 1984;54(2-3):179-83

The role of vitamin C in improving the critical iron balance situation in women. Hallberg L. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:177-87 (30 ref.)

The role of ascorbic acid in the bioavailability of iron from infant foods. Stekel A, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:167-75

A case of Kufs disease with abnormal pallidonigral iron deposit. Galatioto S, et al. **Ital J Neurol Sci** 1985 Jun; 6(2):225-31

Role of uteroferrin in placental iron transport: effect of maternal iron treatment on fetal iron and uteroferrin content and neonatal hemoglobin. Ducsay CA, et al. **J Anim Sci** 1984 Nov;59(5):1303-8

The effects of intestinal Escherichia coli 263, intravenous infusion of Escherichia coli 263 culture filtrate and iron dextran supplementation on iron metabolism in the young pig. Knight CD, et al. **J Anim Sci** 1984 Dec;59(6):1519-28

Iron-regulated outer membrane protein OM2 of Vibrio anguillarum is encoded by virulence plasmid pJM1. Actis LA, et al. **J Bacteriol** 1985 Feb;161(2):736-42

Mapping of a mutation affecting regulation of iron uptake systems in Escherichia coli K-12. Bagg A, et al. **J Bacteriol** 1985 Jan;161(1):450-3

Promoter mapping and transcriptional regulation of the iron assimilation system of plasmid ColV-K30 in Escherichia coli K-12. Bindereif A, et al. **J Bacteriol** 1985 Jun; 162(3):1039-46

Composite IS1 elements encoding hydroxamate-mediated iron uptake in FIme plasmids from epidemic Salmonella spp. Colonna B, et al. **J Bacteriol** 1985 Apr;162(1):307-16

Effect of culture medium iron content on the biochemical composition and metabolism of Trichomonas vaginalis. Gorrell TE. **J Bacteriol** 1985 Mar;161(3):1228-30

Anaerobic iron uptake by Escherichia coli. Lodge JS, et al. **J Bacteriol** 1984 Nov;160(2):801-4

Iron transport and its relation to heme biosynthesis in Rhodopseudomonas sphaeroides. Moody MD, et al. **J Bacteriol** 1985 Mar;161(3):1074-9

Iron transport in Streptomyces pilosus mediated by ferrichrome siderophores, rhodotorulic acid, and enantio-rhodotorulic acid. Müller G, et al. **J Bacteriol** 1984 Oct;160(1):313-8

Specificity and mechanism of ferrioxamine-mediated iron transport in Streptomyces pilosus. Müller G, et al. **J Bacteriol** 1984 Oct;160(1):304-12

Aerobactin iron uptake sequences in plasmid ColV-K30 are flanked by inverted IS1-like elements and replication regions. Perez-Casal JF, et al. **J Bacteriol** 1984 Oct; 160(1):256-65

Molecular cloning and expression of genetic determinants for the iron uptake system mediated by the Vibrio anguillarum plasmid pJM1. Tolmasky ME, et al. **J Bacteriol** 1984 Dec;160(3):860-6

Transferrin and iron uptake by rat reticulocytes. Kohno H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1181-8

Regulated redox processes at the plasmalemma of plant root cells and their function in iron uptake. Bienfait HF. **J Bioenerg Biomembr** 1985 Apr;17(2):73-83 (88 ref.)

Mechanism and stereospecificity of the parabactin-mediated iron-transport system in Paracoccus denitrificans. Bergeron RJ, et al. **J Biol Chem** 1985 Jul 5;260(13):7936-44

Iron metabolism in K562 erythroleukemic cells. Bottomley SS, et al. **J Biol Chem** 1985 Jun 10;260(11):6811-5

The aerobic reduction of Fe(III) complexes by hemoglobin and myoglobin. Eguchi LA, et al. **J Biol Chem** 1984 Dec 10;259(23):14337-8

Characterization of the cycle of iron-mediated electron transfer from Adriamycin to molecular oxygen. Gianni L, et al. **J Biol Chem** 1985 Jun 10;260(11):6820-6

Ferric iron and superoxide ions are required for the killing of cultured hepatocytes by hydrogen peroxide. Evidence for the participation of hydroxyl radicals formed by an iron-catalyzed Haber-Weiss reaction. Starke PE, et al. **J Biol Chem** 1985 Aug 25;260(18):10099-104

Uptake of transferrin and iron by cultured rat placental cells. McArdle HJ, et al. **J Cell Physiol** 1985 Mar;122(3):405-9

Utilization of iron complexes in an animal cell. Rasmussen L, et al. **J Cell Physiol** 1985 Jan;122(1):155-8

Uptake and excretion of iron by healthy elderly subjects. Bunker VW, et al. **J Clin Pathol** 1984 Dec;37(12):1353-7

Studies on the mechanisms involved in iron transfer across the isolated guinea pig placenta by means of bolus experiments. van Dijk JP, et al. **J Dev Physiol** 1985 Feb; 7(1):1-16

The effect of consumption of the pyrrolizidine alkaloid-containing plant Senecio jacobaea on iron and copper metabolism in the rat. Swick RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):59-69

Reactions of mitochondrial cytochrome c with iron-polyaminocarboxylate complexes. Williams G, et al. **J Inorg Biochem** 1984 Sep;22(1):1-10

Storage iron exchange in the rat as affected by deferoxamine. Kim BK, et al. **J Lab Clin Med** 1985 Apr;105(4):440-8

Guinea pig and human red cell hemolysates release iron from transferrin. Pollack S, et al. **J Lab Clin Med** 1985 May; 105(5):629-34

Oral iron therapy in human subjects, comparative absorption between ferrous salts and iron polymaltose. Jacobs P, et al. **J Med** 1984;15(5-6):367-77

Artificial siderophores. 2. Syntheses of trihydroxamate analogues of rhodotorulic acid and their biological iron transport capabilities in Escherichia coli. Lee BH, et al. **J Med Chem** 1985 Mar;28(3):323-7

Artificial siderophores. 1. Synthesis and microbial iron transport capabilities. Lee BH, et al. **J Med Chem** 1985 Mar;28(3):317-23

Relationship between vitamin A and iron in the liver [letter] Barua S, et al. **J Nutr** 1985 Jul;115(7):951-2

Availability to rats of iron in ferric hydroxide polymers. Berner LA, et al. **J Nutr** 1985 Aug;115(8):1042-9

Iron absorption by humans and swine from Fe(III)-EDTA. Further studies. Candela E, et al. **J Nutr** 1984 Dec; 114(12):2204-11

Determinants of copper-deficiency anemia in rats. Cohen NL, et al. **J Nutr** 1985 Jun;115(6):710-25

Effects of varying dietary iron on the expression of copper deficiency in the growing rat: anemia, ferroxidase I and II, tissue trace elements, ascorbic acid, and xanthine dehydrogenase. Cohen NL, et al. **J Nutr** 1985 May; 115(5):633-49

Absorption and tissue distribution of zinc, iron and copper by rats fed diets containing lactalbumin, soy and supplemental sulfur-containing amino acids. Greger JL, et al. **J Nutr** 1985 Feb;115(2):200-10

Tin, copper, iron and calcium metabolism of rats fed various dietary levels of inorganic tin and zinc. Johnson MA, et al. **J Nutr** 1985 May;115(5):615-24

Effect of acute and subchronic exposure to cadmium on the retention of iron in rats. Schäfer SG, et al. **J Nutr** 1984 Nov;114(11):1989-96

The effect of diet on retention by the rat of iron from a radiolabeled casein test meal. Thompson DB, et al. **J Nutr** 1985 Mar;115(3):319-26

Iron malabsorption in giardiasis. De Vizia B, et al. **J Pediatr** 1985 Jul;107(1):75-8

Homeostatic mechanisms in the utilization of exogenous iron in children recovering from severe malnutrition. Caballero B, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):97-102

Effects of divalent amino acids on iron absorption. Christensen JM, et al. **J Pharm Sci** 1984 Sep;73(9):1245-8

Pregnant women's absorption of iron from prenatal supplements. Babior BM, et al. **J Reprod Med** 1985 Apr; 30(4):355-7

Serum ferritin as a guide for iron stores in chronic hemodialysis patients. Van de Vyver FL, et al. **Kidney Int** 1984 Oct;26(4):451-8

Binding of iron beads to sialic acid residues on macrophage membranes stimulates arachidonic acid metabolism. Kouzan S, et al. **Lab Invest** 1985 Sep;53(3):320-7

Aerobactin-mediated uptake of iron is not an essential virulence determinant of enteropathogenic Escherichia coli [letter] Robins-Browne RM, et al. **Lancet** 1985 Jul 20; 2(8447):164

Aerobactin-mediated iron uptake: a virulence determinant in enteropathogenic Escherichia coli? [letter] Williams PH, et al. **Lancet** 1985 Mar 30;1(8431):763

Iron accumulation during development and ageing of Drosophila. Massie HR, et al. **Mech Ageing Dev** 1985 Feb; 29(2):215-20

Nucleotide sequence of the iron regulatory gene fur. Schäffer S, et al. **MGG** 1985;200(1):110-3

Thiol-dependent DNA damage produced by anthracycline-iron complexes. The structure-activity relationships and molecular mechanisms. Muindi J, et al. **Mol Pharmacol** 1985 Mar;27(3):356-65

Experimental candidiasis in iron overload. Abe F, et al. **Mycopathologia** 1985 Jan;89(1):59-63

Role of iron in free radical formation and brain edema [letter] Willmore LJ. **Neurology** 1984 Nov;34(11):1525-6

The role of ferritin isomers on the maternofetal iron transfer in rats. Shinjo S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):829-37

Studies on the placental transport mechanism for iron. Tawada T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):735-42

Study of competitive binding of gallium and iron by tumor cells. Anghileri LJ, et al. **Nuklearmedizin** 1984 Dec; 23(6):327-9

Transferrin and its cellular receptor underscore the importance of iron in cell growth. **Nutr Rev** 1985 Feb; 43(2):56-8 (12 ref.)

Interactions of dietary iron and zinc in the chick. **Nutr Rev** 1985 Apr;43(4):121-2

Iron overload associated with Hemoglobin Olympia. **Nutr Rev** 1985 Jul;43(7):206-8

Regulation of iron assimilation in microorganisms. Neilands JB, et al. **Nutr Rev** 1985 Jul;43(7):193-7

Experimental investigations on the effect of desferrioxamine on the aqueous level of iron administered intraorbitally. Gerkowicz K, et al. **Ophthalmologica** 1984;189(3):139-42

Iron is sequestered as ferritin in macrophages in skeletal muscle of vitamin E-deficient rabbits. Chu JY, et al. **Pediatr Res** 1984 Oct;18(10):1012-6

Complex stability of ferrous ascorbate in aqueous solution and its significance for iron absorption. Plug CM, et al. **Pharm Weekbl [Sci]** 1984 Dec 14;6(6):245-8

Electron microscopic study of the localization of ferric iron in chorionic epithelium of the sheep placenta. Myagkaya GL, et al. **Placenta** 1984 Nov-Dec;5(6):551-8

Magnetic resonance imaging and spectroscopy of hepatic iron overload. Stark DD, et al. **Radiology** 1985 Jan; 154(1):137-42

A comparison between serum ferritin concentration and the amount of bone marrow stainable iron. Harju E, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):555-6

Binding of transferrin and uptake of iron by K-562 cells. Slørdahl S, et al. **Scand J Clin Lab Invest** 1984 Oct; 44(6):549-53

Regulation of iron balance by absorption and excretion. A critical review and a new hypothesis. Refsum SB, et al. **Scand J Gastroenterol** 1984 Oct;19(7):867-74 (40 ref.)

Iron overload and lysosomal stability in beta zero-thalassaemia intermedia and trait: correlation between serum ferritin and serum N-acetyl-beta-D-glucosaminidase levels. Frigerio R, et al. **Scand J Haematol** 1984 Sep;33(3):252-5

Ferrochelatase deficiency of the bone marrow in a syndrome of congenital microcytic anaemia with iron overload of the liver and hyperferraemia. Stavem P, et al. **Scand J Haematol** 1985 Feb;34(2):204-6

Role of the liver in normal iron metabolism. Bacon BR, et al. **Semin Liver Dis** 1984 Aug;4(3):181-92 (122 ref.)

Patients with hereditary spherocytosis may have clinically significant iron overload when they are also heterozygous for hemochromatosis. Mohler DN, et al. **Trans Am Clin Climatol Assoc** 1984;96:34-40

Hepatic lipid peroxidation in vivo in rats with chronic dietary iron overload is dependent on hepatic iron concentration. Bacon BR, et al. **Trans Assoc Am Physicians** 1983;96:146-54

Iron stores in male blood donors evaluated by serum ferritin. Milman N, et al. **Transfusion** 1984 Nov-Dec;24(6):464-8

[Iron requirements of swine in the 1st 2 months of life] Steinhardt M, et al. **Arch Exp Veterinarmed** 1984 Jul; 38(4):497-515 (Eng. Abstr.) **(Ger)**

[Iron uptake of Salmonella typhimurium strains from different epidemiological sources] Rabsch W, et al. **J Basic Microbiol** 1985;25(2):119-26 (Eng. Abstr.) **(Ger)**

[Iron. Metabolism, deficiency, overdose] Fischer U. **Med Monatsschr Pharm** 1985 Jan;8(1):14-7 **(Ger)**

[Assessment of bone mineralization and iron reserves in infants fed cow's milk and a follow-up formula] Tato L, et al. **Minerva Pediatr** 1985 Feb 15;37(3):97-101 (Eng. Abstr.) **(Ita)**

[Influence of a follow-up milk formula on weight-height growth and iron status. General considerations on the feeding of infants between 4 and 7 months old] Colombo P. **Pediatr Med Chir** 1984 Sep-Oct;6(5):651-4 (Eng. Abstr.) **(Ita)**

[Isolation and subcellular localization of a large molecular iron binding protein in rat intestinal mucosa] Orimo H. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):315-24 (Eng. Abstr.) **(Jpn)**

[Effects of voluntary running exercise during growing and post-growing periods on iron metabolism and body composition of the rats fed on normal and iron deficient diets] Takamatsu K. **Nippon Ika Daigaku Zasshi** 1984 Aug; 51(4):441-54 (Eng. Abstr.) **(Jpn)**

[Abnormal iron metabolism in the special type of hepatocerebral encephalopathy. I. Clinical and pathological findings of four cases of special type of hepatocerebral encephalopathy with hemochromatosis] Saito A. **Seishin Shinkeigaku Zasshi** 1984;86(3):153-66 (Eng. Abstr.) **(Jpn)**

[Siderophores--the carriers of the iron ion] Chimiak A. **Postepy Biochem** 1984;30(3-4):435-60 (129 ref.) **(Pol)**

[Initiation of nonenzymatic lipid peroxidation in a Fe2+-ascorbate-linolenate system] Azizova OA, et al. **Biofizika** 1985 Jan-Feb;30(1):36-9 (Eng. Abstr.) **(Rus)**

[Thyroid hormones and the level of divalent iron ions in the rabbit liver] Kozlov AV, et al. **Biofizika** 1984 Sep-Oct; 29(5):806-8 (Eng. Abstr.) **(Rus)**

[Iron accumulation by saccharomycete yeasts growing on media with an elevated iron content] Kovalev LM, et al. **Biol Nauki** 1985;(2):93-9 (Eng. Abstr.) **(Rus)**

[Role of endogenous free iron in activating lipid peroxidation in ischemia] Kozlov AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):38-41 (Eng. Abstr.) **(Rus)**

[Dynamics of the trace element content of the blood and internal organs of animals undergoing muscle loading of various intensities] Rusin VIa, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):377-80 **(Rus)**

[Iron and vitamin B 2 metabolism in diffuse toxic goiter and acquired hypothyroidism in children] Zhukovskaia NL, et al. **Pediatriia** 1985 Feb;(2):40-2 (Eng. Abstr.) **(Rus)**

[Binding of iron ions by shielding eye pigments of vertebrates and invertebrates--melanosomes and ommochromes] Lapina VA, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):12-5 (Eng. Abstr.) **(Rus)**

[Iron metabolism and erythropoiesis in the prenatal and early postnatal periods of the rat] Popov GK, et al. **Zh Evol Biokhim Fiziol** 1984 Nov-Dec;20(6):611-4 (Eng. Abstr.) **(Rus)**

[Iron and the pathogenicity of bacteria] Gorlina MKh. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):103-8 (71 ref.) **(Rus)**

[Iron metabolism and its pathology in children. Abstracts] **An Esp Pediatr** 1985 Mar 15;22(3):229-35 **(Spa)**

[Iron reserves in the pregnant woman and the newborn infant: effects of an iron supplement] Barrena N, et al. **Rev Chil Obstet Ginecol** 1981;46(6):320-9 (Eng. Abstr.) **(Spa)**

[Iron stores in a healthy adult population in Chile] Grebe G, et al. **Rev Med Chil** 1984 Sep;112(9):884-92 (Eng. Abstr.) **(Spa)**

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy] Grebe G, et al. **Rev Med Chil** 1984 Dec;112(12):1195-200 (Eng. Abstr.) **(Spa)**

[Control of iron reserve metabolism by the reticuloendothelial system] Celada A. **Sangre (Barc)** 1984; 29(5):841-8 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Degranulation effect of ferric nitrilotriacetate (Fe3+-NTA) on the pancreatic islet beta-cells: its acute toxic effect on glucose metabolism. Yamanoi Y, et al. **Acta Med Okayama** 1984 Oct;38(5):423-37

Synergistic interaction of baker's yeast and iron in the enhancement of bacterial virulence. Joó I, et al. **Acta Microbiol Hung** 1984;31(3):197-206

Effect of ethanol and iron on the hepatic and biliary levels of glutathione and lipid peroxidative indexes. Videla LA, et al. **Alcohol** 1985 May-Jun;2(3):457-62

The relationship of ingested iron to the absorption of mercuric oxide. Barber TE, et al. **Am J Emerg Med** 1984 Nov;2(6):500-3

Release of ethane and pentane from rat tissue slices: effect of vitamin E, halogenated hydrocarbons, and iron overload. Gavino VC, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):741-7

Effect of Fe2+ -induced lipid peroxidation upon microsomal steroidogenic enzyme activities of porcine adrenal cortex. Imataka H, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):657-63

The effect of ferric iron complex on Ca2+ transport in isolated rat liver mitochondria. Masini A, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):207-13

Ascorbic acid-Fe2+ treatment mimics effect of vitamin E deficiency on sarcoplasmic Ca-ATPase of rabbit muscle. Promkhatkaew D, et al. **Biochem Int** 1985 Jun;10(6):937-43

Drug-induced accumulation of uroporphyrin in chicken hepatocyte cultures. Structural requirements for the effect and role of exogenous iron. Ferioli A, et al. **Biochem J** 1984 Dec 15;224(3):769-77

Ferrous ion-EDTA-stimulated phospholipid peroxidation. A reaction changing from alkoxyl-radical- to hydroxyl-radical-dependent initiation. Gutteridge JM. **Biochem J** 1984 Dec 15;224(3):697-701

The role of iron in ferritin- and haemosiderin-mediated lipid peroxidation in liposomes. O'Connell MJ, et al. **Biochem J** 1985 Jul 1;229(1):135-9

Hepatic antioxidant-sensitive respiration. Effect of ethanol, iron and mitochondrial uncoupling. Videla LA. **Biochem J** 1984 Nov 1;223(3):885-91

Structural and functional assembly of rat intestinal cytochrome P-450 isozymes. Effects of dietary iron and selenium. Pascoe GA, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):599-608

Comparison of cumene hydroperoxide- and NADPH/Fe3+/ADP-induced lipid peroxidation in heart and liver submitochondrial particles. Mechanisms of protection by succinate. Cavallini L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):466-72

Aluminium salts accelerate peroxidation of membrane lipids stimulated by iron salts. Gutteridge JM, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):441-7

Transmembrane potential of liver mitochondria from hexachlorobenzene-and iron-treated rats. Masini A, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):253-8

Importance of Fe2+-ADP and the relative unimportance of OH in the mechanism of mitomycin C-induced lipid peroxidation. Nakano H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):285-93

Inhibition of microsomal lipid peroxidation by cytosolic protein in presence of ADP and high concentration of Fe2+. Ramasarma T, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):243-50

Selective promotion of ferrous ion-dependent lipid peroxidation in Ehrlich ascites tumor cells by histidine as compared with other amino acids. Winkler P, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):226-31

Ferritin in liver, plasma and bile of the iron-loaded rat. Zuyderhoudt FM, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):381-6

Dopaminergic supersensitivity follows ferric chloride-induced limbic seizures. Csernansky JG, et al. **Biol Psychiatry** 1985 Jul;20(7):723-33

Growth promotion of transformed cells by iron in serum-free culture. Basset P, et al. **Carcinogenesis** 1985 Mar;6(3):355-9

Effects of nucleoside triphosphates and ferrous ions on bleomycin-induced unscheduled DNA synthesis. Seki S, et al. **Carcinogenesis** 1985 Jun;6(6):853-8

Studies on metal-catalyzed hydrolyses of clioquinol conjugates in the rabbit body following intravenous injection of Cu(II)- or Fe(III)-gluconic acid complex system. Kizu R, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3210-5

Effect of iron on neonatal gut flora during the first week of life. Mevissen-Verhage EA, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):14-8

Effect of iron on neonatal gut flora during the first three months of life. Mevissen-Verhage EA, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):273-8

Effects of intravenous administration of iron preparations on the metabolism of phosphorus. Comparative study on 3 iron preparations. Imamura K. **Fukuoka Igaku Zasshi** 1984 Jun;75(6):316-26

Dual mechanism of inhibition of rat liver uroporphyrinogen decarboxylase activity by ferrous iron: its potential role in the genesis of porphyria cutanea tarda. Mukerji SK, et al. **Gastroenterology** 1984 Dec;87(6):1248-54

Suppressive effect of iron on in vitro lymphocyte function: formation of iron polymers as a possible explanation. Soyano A, et al. **Int Arch Allergy Appl Immunol** 1985; 76(4):376-8

Action of ionic iron in carrageenin-induced inflammation: aggravated inflammatory response with destruction of granuloma. Uno S, et al. **Int J Tissue React** 1985;7(1):21-6

Absorption of minocycline hydrochloride and tetracycline hydrochloride. Effect of food, milk, and iron. Leyden JJ. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):308-12

Induction of superoxide dismutases in Escherichia coli by manganese and iron. Pugh SY, et al. **J Bacteriol** 1984 Oct; 160(1):137-42

Locus affecting regulation of the colicin I receptor by iron. Worsham PL, et al. **J Bacteriol** 1985 Jan;161(1):428-31

Inactivation of muscle adenylate kinase by site-specific destruction of tyrosine 95 using potassium ferrate. Crivellone MD, et al. **J Biol Chem** 1985 Mar 10; 260(5):2657-61

Vit C.Fe(III) induced loss of the covalently bound phosphate and enzyme activity of phosphoglucomutase. Deshpande VV, et al. **J Biol Chem** 1985 Jan 25;260(2):757-64

Fe2+ and other divalent metal ions uncouple Ca2+ transport from (Ca2+-Mg2+)-ATPase in rat liver plasma membranes. Pecker F, et al. **J Biol Chem** 1985 Jan 25; 260(2):731-5

Aminoacids--precursors of melanin synthesis in hamster melanoma. Blagoeva PM. **J Cancer Res Clin Oncol** 1984; 108(3):366-8

Regulation of K562 cell transferrin receptors by exogenous iron. Rudolph NS, et al. **J Cell Physiol** 1985 Mar; 122(3):441-50

Characterization of iron-mediated peroxidative injury in isolated hepatic lysosomes. Mak IT, et al. **J Clin Invest** 1985 Jan;75(1):58-63

Role of transferrin, Fe, and transferrin receptors in myeloid leukemia cell growth. Studies with an antitransferrin receptor monoclonal antibody. Taetle R, et al. **J Clin Invest** 1985 Mar;75(3):1061-7

Dietary fibers and supplementary iron in a milk replacer for veal calves. Bernier JF, et al. **J Dairy Sci** 1984 Oct; 67(10):2369-79

Metabolism of 7,12-dimethylbenz(a)anthracene by alveolar macrophages containing ingested ferric oxide, aluminum oxide or carbon particles. Palmer WG, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):261-70

Effect of iron deprivation on the production of siderophores and outer membrane proteins in Klebsiella aerogenes. Williams P, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2357-65

Differential effects of iron on the growth of Listeria monocytogenes: minimum requirements and mechanism of acquisition. Cowart RE, et al. **J Infect Dis** 1985 Apr; 151(4):721-30

Effects of iron loading and bacillus Calmette-Guerin on a glycoprotein recognition system on rat hepatic sinusoidal cells. Parise ER, et al. **J Lab Clin Med** 1984 Dec; 104(6):908-20

The iron-hydrogen peroxide-iodide system is fungicidal: activity against the yeast phase of Blastomyces dermatitidis. Sugar AM, et al. **J Leukocyte Biol** 1984 Oct;36(4):545-8

The variable response of bacteria to free haemoglobin in the tissues. Maskell JP, et al. **J Med Microbiol** 1984 Dec; 18(3):377-84

The antagonism of tetracycline and ferric iron in vivo. Miles AA, et al. **J Med Microbiol** 1985 Aug;20(1):17-26

Fe2+-induced lysis and lipid peroxidation of chromaffin granules. Spears RM, et al. **J Neurochem** 1985 May; 44(5):1559-65

Influence of iron on in vivo proliferation and lethality of L1210 cells. Bergeron RJ, et al. **J Nutr** 1985 Mar; 115(3):369-74

Influence of zinc and iron on dietary fluoride utilization in the rat. Cerklewski FL, et al. **J Nutr** 1985 Sep;115(9):1162-7

The effect of iron on in vitro decalcification of human tooth enamel. Weiss G, et al. **J Oral Rehabil** 1985 Jan;12(1):91-3

Blockade of endothelium-dependent and glyceryl trinitrate-induced relaxation of rabbit aorta by certain ferrous hemoproteins. Martin W, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):679-85

Cloning of the repressor protein gene of iron-regulated systems in Escherichia coli K12. Hantke K. **MGG** 1984; 197(2):337-41

Effects of alterations in cellular iron on biosynthesis of the transferrin receptor in K562 cells. Rao KK, et al. **Mol Cell Biol** 1985 Apr;5(4):595-600

Effect of litter treatment on broiler performance and certain litter quality parameters. Huff WE, et al. **Poult Sci** 1984 Nov;63(11):2167-71

Efficacy of sulfhydryl compounds as inhibitors of iron-dependent doxorubicin-enhanced lipid peroxidation. Stroo WE, et al. **Res Commun Chem Pathol Pharmacol** 1985 May;48(2):291-303

The pharmacokinetics of benzo[alpha]pyrene in the isolated perfused rabbit lung: the influence of benzo[alpha]pyrene, n-dodecane, particulate, or sulfur dioxide. Morgan DD, et al. **Toxicology** 1984 Dec;33(3-4):275-89

Isolation of two lysosomal populations from iron-overloaded rat liver with different iron concentration and proteolytic activity. Hultcrantz R, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):55-65

[Effect of iron on Pasteurella multocida] Flossmann KD, et al. **Zentralbl Bakteriol Mikrobiol Hyg** [A] 1984 Oct; 258(1):80-93 (Eng. Abstr.) **(Ger)**

[Effect of iron concentrations on the DNA-degradation reaction by bleomycin] Asakura H, et al. **Jpn J Antibiot** 1985 Feb;38(2):244-52 (Eng. Abstr.) **(Jpn)**

[Effect of a single dose of iron on ferritin synthesis in isolated rat hepatocytes] Suzuki E. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):473-81 (Eng. Abstr.) **(Jpn)**

[Rate of enzymatic lipid peroxidation of mouse liver microsomes after the administration of a highly-dispersed iron powder] Kukhtina EN, et al. **Biokhimiia** 1984 Sep; 49(9):1510-4 (Eng. Abstr.) **(Rus)**

[Hypotensive activity of the nitrosyl complexes of nonheme iron with different anionic ligands] Vanin AF, et al. **Dokl Akad Nauk SSSR** 1985;281(3):742-5 **(Rus)**

[Effect of iron on the growth and toxin formation of Clostridium perfringens type A cultures] Artemenko VD, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct; (10):20-4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Stellate iron lines in the corneal epithelium after radial keratotomy. Steinberg EB, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):416-21

The involvement of iron and lipid peroxidation in the pathogenesis of HCB induced porphyria. Alleman MA, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):161-6

Paraquat toxicity is enhanced by iron and reduced by desferrioxamine in laboratory mice. Kohen R, et al. **Biochem Pharmacol** 1985 May 15;34(10):1841-3

Mechanisms of iron regulation of luminescence in Vibrio fischeri. Haygood MG, et al. **J Bacteriol** 1985 Apr; 162(1):209-16

The role of iron in the growth of human leukemic cell lines. Titeux M, et al. **J Cell Physiol** 1984 Oct;121(1):251-6

Regional lipid peroxidation in rat brain in vitro: possible role of endogenous iron. Zaleska MM, et al. **Neurochem Res** 1985 Mar;10(3):397-410

The role of iron in the NADPH-dependent lipid peroxidation due to glutathione depletion by phorone. Younes M, et al. **Pharmacol Res Commun** 1984 Feb;16(2):153-60

POISONING

Listeriosis in patients with long-term hemodialysis and transfusional iron overload. Mossey RT, et al. **Am J Med** 1985 Sep;79(3):397-400

The effect of iron overload on urinary excretion of immunoreactive prostaglandin E2. Gavino VC, et al. **Arch Biochem Biophys** 1985 Mar;237(2):322-7

Functional efficiency of mitochondrial membrane of rats with hepatic chronic iron overload. Masini A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):462-9

Acute iron poisoning in children. Henretig FM, et al. **Clin Lab Med** 1984 Sep;4(3):575-86

Acute iron poisoning in children. Henretig FM, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):121-32

Heart cells in culture: a model of myocardial iron overload and chelation. Link G, et al. **J Lab Clin Med** 1985 Aug; 106(2):147-53

Evaluation of polymeric hydroxamic acid iron chelators for treatment of iron overload. Winston A, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):644-9

Effect of bicarbonate, phosphate, and saline lavage solutions on the dissolution of ferrous sulfate tablets. Czajka PA. **J Toxicol Clin Toxicol** 1984;22(5):447-53

From the NIH. Magnetic device tests for iron overload [news] Fordham JN. **JAMA** 1985 Aug 23-30;254(8):1006-8

Iron poisoning--a preventable hazard of childhood. Reynolds LG, et al. **S Afr Med J** 1985 Apr 27;67(17):680-3

[Acute iron poisoning in children] Nielsen I. **Ugeskr Laeger** 1984 Apr 30;146(18):1347-50 (Eng. Abstr.) **(Dan)**

THERAPEUTIC USE

Preliminary report on experimental observation of the effects of magnetic field and 'Natural Copper' on fracture healing. Liu HQ, et al. **Acta Acad Med Wuhan** 1984;4(4):220-8

Chemical characterization of iron (III)-hydroxide-dextrin complexes. A comparative study of commercial preparations with alleged reproductions used in the examination of bioavailability. Erni I, et al. **Arzneimittelforsch** 1984;34(11):1555-9

Pharmacological and toxicological studies on an iron succinyl-protein complex (ITF282) for oral treatment of iron deficiency anemia. Pagella PG, et al. **Arzneimittelforsch** 1984;34(9):952-8

On the therapeutic effects of trivalent and divalent iron in iron deficiency anaemia. Sas G, et al. **Arzneimittelforsch** 1984;34(11):1575-9

A study of antenatal vitamin and iron supplementation in Glasgow. Bennett CA, et al. **Health Bull (Edinb)** 1985 Jul; 43(4):182-6

An effective intervention to reduce the prevalence of anaemia in children. Seshadri S, et al. **Indian J Med Res** 1984 Aug; 80:164-73

Evaluation of frequency and dose of iron and other hematinics--an alternative strategy for anemia prophylaxis in rural preschoolers. Das BK, et al. **Indian Pediatr** 1984 Dec;21(12):933-8

The effect of hematinics on the physical work capacity in anemics. Seshadri S, et al. **Indian Pediatr** 1984 Jul; 21(7):529-33

Efficacy of iron therapy: a comparative evaluation of four iron preparations administered to anaemic pregnant women. Fochi F, et al. **J Int Med Res** 1985;13(1):1-11

Oral iron therapy in human subjects, comparative absorption between ferrous salts and iron polymaltose. Jacobs P, et al. **J Med** 1984;15(5-6):367-77

Management of mild iron deficiency [letter] Christoffel KK. **J Pediatr** 1985 Aug;107(2):315-6

Haemopoietic response of Nigerian village children to iron, folate supplementation and malaria prophylaxis. Akenzua GI, et al. **J Trop Pediatr** 1985 Feb;31(1):59-62

Supplementation of total parenteral nutrition solutions with ferrous citrate. **Nutr Rev** 1985 Jan;43(1):20-2 (10 ref.)

[Compliance with iron supplementation in infancy--a program for prevention of iron deficiency] Palti H, et al. **Harefuah** 1984 Oct;107(7-8):201-3 (Eng. Abstr.) **(Heb)**

[A new polynuclear iron (III)-mixed ligand complex--for use in parenteral iron therapy] Burger K, et al. **Acta Pharm Hung** 1985 Jan;55(1):37-45 (Eng. Abstr.) **(Hun)**

[Studies on selective embolo-hyperthermic therapy of tumors by using ferromagnetic particles] Sako M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2168-71 (Eng. Abstr.) **(Jpn)**

[Use of a hemostatic preparation amifer in operations on the lungs] Karapetian ET, et al. **Grudn Khir** 1984 Sep-Oct; (5):65-7 (Eng. Abstr.) **(Rus)**

[Use of sodium oxyferriscorbone, lidocaine and therapeutic endoscopy in peptic ulcer] Starodub EM, et al. **Vrach Delo** 1984 Sep;(9):11-3 (Eng. Abstr.) **(Rus)**

[Diagnostic evaluation of capillary hemoglobin and of iron nutrition indicators in response to treatment with oral iron in childhood] Piedras J, et al. **Rev Invest Clin** 1985 Jan-Mar; 37(1):11-6 (Eng. Abstr.) **(Spa)**

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy] Grebe G, et al. **Rev Med Chil** 1984 Dec;112(12):1195-200 (Eng. Abstr.) **(Spa)**

TOXICITY

Taurine protection of lymphoblastoid cells from iron-ascorbate induced damage. Pasantes-Morales H, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2205-7

Formation of mutagens in cooked foods. VI. Modulation of mutagen formation by iron and ethylenediaminetetracetic acid (EDTA) in fried beef. Barnes WS, et al. **Cancer Lett** 1984 Sep;24(2):221-6

Haemosiderin and tissue damage. Weir MP, et al. **Cell Biochem Funct** 1984 Oct;2(4):186-94 (71 ref.)

Effects of waterborne iron on growth, reproduction, survival and haemoglobin in Daphnia magna. Dave G. **Comp Biochem Physiol [C]** 1984;78(2):433-8

The effects of a cocarcinogen, ferric oxide, on the metabolism of benzo[a]pyrene in the isolated perfused lung. Warshawsky D, et al. **J Toxicol Environ Health** 1984; 14(2-3):191-209

Acute renal failure and glucosuria induced by ferric nitrilotriacetate in rats. Hamazaki S, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):267-74

URINE

Effect of ascorbic acid on desferrioxamine-induced urinary iron excretion in idiopathic hemochromatosis. Conte D, et al. **Acta Haematol (Basel)** 1984;72(2):117-20

Urinary iron loss and physical fitness of Kenyan children with urinary schistosomiasis. Stephenson LS, et al.

Am J Trop Med Hyg 1985 Mar;34(2):322-30

IRON CHELATES

Effect of iron chelators on the transferrin receptor in K562 cells. Bridges KR, et al. **J Biol Chem** 1984 Nov 10; 259(21):12970-7

ANALYSIS

Association of hydroxamate siderophore (aerobactin) with Escherichia coli isolated from patients with bacteremia. Montgomerie JZ, et al. **Infect Immun** 1984 Dec;46(3):835-8

Response of Neisseria gonorrhoeae to iron limitation: alterations in expression of membrane proteins without apparent siderophore production. West SE, et al. **Infect Immun** 1985 Feb;47(2):388-94

Separation of ferrichromes and other hydroxamate siderophores of fungal origin by reversed-phase chromatography. Jalal MA, et al. **J Chromatogr** 1984 Sep 28;301(1):247-52

BIOSYNTHESIS

Iron transport and serum resistance in Pseudomonas aeruginosa. Cox CD. **Antibiot Chemother** 1985;36:1-12

Effect of subinhibitory concentrations of cephalosporins on surface properties and siderophore production in iron-depleted Klebsiella pneumoniae. Kadurugamuwa JL, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):220-3

Siderophore production by the pathogenic yeast, Candida albicans. Ismail A, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):885-91

Highly toxinogenic but avirulent Park-Williams 8 strain of Corynebacterium diphtheriae does not produce siderophore. Russell LM, et al. **Infect Immun** 1985 Feb; 47(2):575-8

Molecular cloning and expression of genetic determinants for the iron uptake system mediated by the Vibrio anguillarum plasmid pJM1. Tolmasky ME, et al. **J Bacteriol** 1984 Dec;160(3):860-6

CHEMICAL SYNTHESIS

Artificial siderophores. 1. Synthesis and microbial iron transport capabilities. Lee BH, et al. **J Med Chem** 1985 Mar;28(3):317-23

Artificial siderophores. 2. Syntheses of trihydroxamate analogues of rhodotorulic acid and their biological iron transport capabilities in Escherichia coli. Lee BH, et al. **J Med Chem** 1985 Mar;28(3):323-7

DIAGNOSTIC USE

Iron-EHPG as an hepatobiliary MR contrast agent: initial imaging and biodistribution studies. Lauffer RB, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):431-8

ISOLATION & PURIFICATION

Isolation and purification of canadaphore, a siderophore produced by Helminthosporium carbonum. Letendre ED, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):262-7

Siderophore production by Proteus mirabilis. Evanylo LP, et al. **Can J Microbiol** 1984 Aug;30(8):1046-51

Siderophore activity of pyoverdin for Pseudomonas aeruginosa. Cox CD, et al. **Infect Immun** 1985 Apr; 48(1):130-8

METABOLISM

Siderophore utilization and iron uptake by Rhodopseudomonas sphaeroides. Moody MD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):178-86

The plasmid-specified aerobactin iron uptake system of Escherichia coli. Williams PH, et al. **Basic Life Sci** 1985; 30:741-57

Siderophore reduction catalyzed by higher plant NADH:nitrate reductase. Castignetti D, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):52-8

Antibody inhibition of ferripyochelin binding to Pseudomonas aeruginosa cell envelopes. Sokol PA, et al. **Biochemistry** 1984 Oct 9;23(21):5076-80

Evidence for a common siderophore transport system but different siderophore receptors in Neurospora crassa. Huschka H, et al. **J Bacteriol** 1985 May;162(2):715-21

Aerobactin genes in Shigella spp. Lawlor KM, et al. **J Bacteriol** 1984 Oct;160(1):266-72

Specificity and mechanism of ferrioxamine-mediated iron transport in Streptomyces pilosus. Müller G, et al. **J Bacteriol** 1984 Oct;160(1):304-12

Iron transport in Streptomyces pilosus mediated by ferrichrome siderophores, rhodotorulic acid, and enantio-rhodotorulic acid. Müller G, et al. **J Bacteriol** 1984 Oct;160(1):313-8

Aerobactin iron uptake sequences in plasmid ColV-K30 are flanked by inverted IS1-like elements and replication regions. Perez-Casal JF, et al. **J Bacteriol** 1984 Oct; 160(1):256-65

Chelation of iron in plant nutrient solutions [letter] Johnson PE, et al. **J Nutr** 1985 Feb;115(2):292-3

[Siderophores--the carriers of the iron ion] Chimiak A. **Postepy Biochem** 1984;30(3-4):435-60 (129 ref.) **(Pol)**

PHARMACODYNAMICS

Ethanol oxidation by hydroxyl radicals: role of iron chelates, superoxide, and hydrogen peroxide. Feierman DE, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):95-102

Separation and characterization of the aldehydic products of lipid peroxidation stimulated by carbon tetrachloride or ADP-iron in isolated rat hepatocytes and rat liver microsomal suspensions. Poli G, et al. **Biochem J** 1985 Apr 15;227(2):629-38

Enhanced production of ethylene from methional by iron chelates and heme containing proteins in the system consisting of quinone compounds and NADPH-cytochrome P-450 reductase. Komiyama T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):977-83

Importance of Fe2+-ADP and the relative unimportance of OH in the mechanism of mitomycin C-induced lipid peroxidation. Nakano H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):285-93

Characterization of L1210 cell growth inhibition by the bacterial iron chelators parabactin and compound II. Cavanaugh PF Jr, et al. **Cancer Res** 1985 Oct;45(10):4754-9

Effect of iron chelators on dopamine D2 receptors. Ben-Shachar D, et al. **J Neurochem** 1985 Oct; 45(4):999-1005

New orally active iron chelators [letter] Kontoghiorghes GJ. **Lancet** 1985 Apr 6;1(8432):817

[Molecular mechanism of bleomycin action--metal chelation, oxygen activation, and selective DNA base cleavage] Sugiura Y. **Seikagaku** 1984 Dec;56(12):1469-80 (70 ref.) **(Jpn)**

PHYSIOLOGY

Effects of siderophores on the growth of Pseudomonas aeruginosa in human serum and transferrin. Ankenbauer R, et al. **Infect Immun** 1985 Jul;49(1):132-40

THERAPEUTIC USE

Long-term efficacy of deferoxamine iron chelation therapy in adults with acquired transfusional iron overload. Schafer AI, et al. **Arch Intern Med** 1985 Jul;145(7):1217-21

IRON DEFICIENCY ANEMIA see **ANEMIA, HYPOCHROMIC**

IRON-DEXTRAN COMPLEX

[Induction and transplantability of ferridextran tumors in inbred strains of Rattus norvegicus] Hruby M, et al. **Sb Lek** 1985 May;87(5):114-20 (Eng. Abstr.) **(Cze)**

ADMINISTRATION & DOSAGE

Efficacy of iron dextran in parenteral nutrient solutions [letter] Ali M, et al. **Am J Hosp Pharm** 1985 Apr;42(4):784, 786

The effects of intestinal Escherichia coli 263, intravenous infusion of Escherichia coli 263 culture filtrate and iron dextran supplementation on iron metabolism in the young pig. Knight CD, et al. **J Anim Sci** 1984 Dec;59(6):1519-28

[Oral and intramuscular ferric dextran administration in male rearing calves. 5. Live weight gain during maintenance in fluid feed and weaning ranges] Bünger U, et al. **Arch Tierernahr** 1984 Sep;34(9):641-9 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Effect of intravenous iron dextran on rheumatoid synovitis. Blake DR, et al. **Ann Rheum Dis** 1985 Mar;44(3):183-8

[Complications in intravenous iron-dextran treatment. Criteria for their prevention] Ambriz R, et al. **Gac Med Mex** 1983 Aug;119(8):326-9 **(Spa)**

METABOLISM

Persistence of inert macromolecules (Imposil) in the rat mesangium and glomerular functional disturbance. Goode NP, et al. **J Pathol** 1984 Nov;144(3):179-87

PHARMACODYNAMICS

Synergistic interaction of baker's yeast and iron in the enhancement of bacterial virulence. Joó I, et al. **Acta Microbiol Hung** 1984;31(3):197-206

Injection of iron in newborn beef calves: erythrocyte variables and weight gains with newborn-dam correlations. Reece WO, et al. **Am J Vet Res** 1984 Oct;45(10):2119-22

Role of uteroferrin in placental iron transport: effect of maternal iron treatment on fetal iron and uteroferrin content and neonatal hemoglobin. Ducsay CA, et al. **J Anim Sci** 1984 Nov;59(5):1303-8

Pulmonary antioxidant enzyme maturation in the fetal and neonatal rat. II. The influence of maternal iron supplements upon fetal lung catalase activity. Tanswell AK, et al. **Pediatr Res** 1984 Sep;18(9):871-4

THERAPEUTIC USE

Iron and infection in infancy--report on field studies in Papua New Guinea: II. Protocol and description of study cohort. Oppenheimer SJ, et al. **Ann Trop Paediatr** 1984 Sep; 4(3):145-53

Rapid restoration of red blood cell mass in severely anemic surgical patients who refuse transfusion. Dudrick SJ, et al. **Arch Surg** 1985 Jun;120(6):721-7

Intramuscular iron replenishment and replacement combined with testosterone enanthate in maintenance hemodialysis anemia: a follow-up of up to 8 years on 16 patients. Schustack A, et al. **Clin Nephrol** 1985 Jun;23(6):303-6

Haemopoietic response of Nigerian village children to iron, folate supplementation and malaria prophylaxis. Akenzua GI, et al. **J Trop Pediatr** 1985 Feb;31(1):59-62

Clinical use of total-dose infusion of iron dextran [letter] Jacobs P, et al. **S Afr Med J** 1985 May 25;67(21):837-8

[Ferromagnetic microembolization in the treatment of metastatic tumors of the liver--the therapeutic effect on the daughter nodules of hepatomas] Yuri H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):50-63 (Eng. Abstr.) **(Jpn)**

[Use of the bifunctional plasma substitute polyfer to replenish blood loss during labor] Timoshenko LV, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):35-7 (Eng. Abstr.) **(Rus)**

TOXICITY

[Dextrofer-100 with B12 and dextrofer-100--comparative pharmacological and clinico-pharmacological studies] Dilov P, et al. **Vet Med Nauki** 1984;21(6):91-100 (Eng. Abstr.) **(Bul)**

IRON ISOTOPES

Iron-57 chemical shifts in carbonyl myoglobin and its model complexes determined by iron-57-carbon-13 double resonance. La Mar GN, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):628-33

IRON RADIOISOTOPES

Placenta, embryo, and tumor uptake of 67Ga-citrate and 59Fe-citrate. Anghileri LJ, et al. **Eur J Nucl Med** 1985; 10(5-6):288-9

ANALYSIS

Liquid scintillation counting of 55Fe applied to air-filter samples. Kojima S, et al. **Radioisotopes** 1985 Feb;34(2):72-7

DIAGNOSTIC USE

Studies on 18F-labeled pyrimidines III. Biochemical investigation of 18F-labeled pyrimidines and comparison with 3H-deoxythymidine in tumor-bearing rats and mice. Ishiwata K, et al. **Eur J Nucl Med** 1985;10(1-2):39-44

A comparison of chromium-51 and iron-59 for estimating erythrocyte survival in the cat. Liddle CG, et al. **Lab Anim Sci** 1984 Aug;34(4):365-70

METABOLISM

Comparison of the ICRP and MIRD models for Fe metabolism in man. Johnson JR, et al. **Health Phys** 1985 Aug;49(2):211-9

Early effects of cyclophosphamide on plasma iron and ferrokinetics in mice. Aggio MC, et al. **Medicina (B Aires)** 1984;44(2):167-70

IRON-SULFUR PROTEINS see under **METALLOPROTEINS**

IRRIGATION

Peritoneal lavage for the diagnosis of abdominal visceral injury. Sturm JT, et al. **Am J Emerg Med** 1984 May; 2(3):246-50

Names for PEG-electrolyte lavage solutions [letter] Marks E. **Am J Hosp Pharm** 1985 Aug;42(8):1710

Effects of intraocular irrigating solutions on the corneal endothelium after in vivo anterior chamber irrigation. Glasser DB, et al. **Am J Ophthalmol** 1985 Mar 15; 99(3):321-8

Mechanical preparation of the large bowel for elective surgery. Comparison of whole-gut lavage with the conventional enema and purgative technique. Panton ON, et al. **Am J Surg** 1985 May;149(5):615-9

Accurate quantification of cells recovered by bronchoalveolar lavage. Saltini C, et al. **Am Rev Respir Dis** 1984 Oct;130(4):650-8

Diagnosis of pulmonary disease in acquired immune deficiency syndrome (AIDS). Role of bronchoscopy and bronchoalveolar lavage. Stover DE, et al. **Am Rev Respir Dis** 1984 Oct;130(4):659-62

Reduction of intestinal adhesions by postoperative peritoneal irrigation with dialysis solution. Kawarasaki H, et al. **Am Surg** 1984 Oct;50(10):552-6

Peritoneal lavage as an aid to diagnosis of peritonitis in debilitated and elderly patients. Lobbato V, et al. **Am Surg** 1985 Sep;51(9):508-10

Iodine toxicity in a patient treated by continuous povidone-iodine mediastinal irrigation. Glick PL, et al. **Ann Thorac Surg** 1985 May;39(5):478-80

Irrigation management of sigmoid colostomy. Jao SW, et al. **Arch Surg** 1985 Aug;120(8):916-7

Influence of rectal washout on bacterial counts in the rectal stump. Scammell BE, et al. **Br J Surg** 1985 Jul;72(7):548-50

Bronchoalveolar lavage in radiation pneumonitis. Cordier JF, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):369-74

Summary and recommendations of a workshop on the investigative use of fiberoptic bronchoscopy and bronchoalveolar lavage in asthmatic patients. **Chest** 1985 Jul;88(1):136-8

Adult bronchiolitis. Evaluation by bronchoalveolar lavage and response to prednisone therapy. Dorinsky PM, et al. **Chest** 1985 Jul;88(1):58-63

Postcoital test after vaginal washing with NaHCO3. Dessole S, et al. **Clin Exp Obstet Gynecol** 1985;12(1-2):33-5

Pediatric flexible bronchoscopy and its application in infantile atelectasis. Nussbaum E. **Clin Pediatr (Phila)** 1985 Jul;24(7):379-82

Quantification of proteins in tracheobronchoalveolar lavage fluid by isoelectric focusing and scanning densitometry. A methodological study on rats. Stelander M. **Eur J Respir Dis [Suppl]** 1984;138:1-134

Intragastric levarterenol prior to laser phototherapy. Glaser D. **Gastrointest Endosc** 1985 Feb;31(1):51

Bronchoalveolar lavage: a decade later. Garcia JG, et al. **Ir Med J** 1984 Dec;77(12):399-401 (45 ref.)

Surgical management of infected median sternotomy: closed irrigation vs. muscle flaps. Acinapura AJ, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):443-6

Pulmonary lavage as a source of human surfactant. Sherman JM, et al. **J Pediatr** 1985 Jan;106(1):126-7

Use of peritoneal lavage to evaluate abdominal penetration. Merlotti GJ, et al. **J Trauma** 1985 Mar;25(3):228-31

The effect of saline bladder washings on calcium oxalate crystal growth and aggregation. Edyvane KA, et al. **J Urol** 1985 Jul;134(1):158-61

An easy method for collecting irrigation fluid during extracapsular surgery. Silbert AM, et al. **Ophthalmic Surg** 1985 Feb;16(2):114-5

A nosocomial common source outbreak caused by Pseudomonas pickettii. Gardner S, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):420-2

Diagnosis of Pneumocystis carinii pneumonia in pediatric patients using bronchoscopic bronchoalveolar lavage. Leigh MW, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):408-10

Prevention of irrigating fluid absorption during transurethral resection of the prostate. Hultén J. **Scand J Urol Nephrol [Suppl]** 1984;82:1-80

Safe intraocular medication and irrigation. Graham MV. **Trans Ophthalmol Soc UK** 1983;103 (Pt 6):600-4

Comparison of epsilon aminocaproic acid and normal saline for postoperative bladder irrigation following transurethral resection of prostate. Flanigan RC, et al. **Urology** 1985 Sep;26(3):227-8

[Emptying of the intestine prior to colonoscopy. A comparative study of intestinal irrigation via a stomach tube and intestinal emptying by diet and laxatives] Ostri P, et al. **Ugeskr Laeger** 1985 Mar 11;147(11):952-5 (Eng. Abstr.) **(Dan)**

[Orthograde bowel irrigation using Ringer's lactate solution (letter)] Schock D, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1824 **(Ger)**

[Prospective comparative study of ultrasound and peritoneal lavage in blunt abdominal injuries] Stierli P, et al. **Helv Chir Acta** 1985 Apr;52(1):43-5 (Eng. Abstr.) **(Ger)**

[Combined use of an inhalation antigen test and bronchoalveolar lavage in the diagnosis of extrinsic allergic alveolitis] Müller S, et al. **Prax Klin Pneumol** 1985 Jun;39(6):204-7 (Eng. Abstr.) **(Ger)**

[Broncho-alveolar lavage] Struhar D, et al. **Harefuah** 1984 Dec 2;107(11):321-2 (Eng. Abstr.) **(Heb)**

[Bronchoalveolar lavage: results in pneumoconiosis] Discalzi G, et al. **Med Lav** 1985 Jan-Feb;76(1):5-10 (Eng. Abstr.) **(Ita)**

[New diagnostic methods in occupational lung diseases: bronchoalveolar lavage. Experience at the Institute of Occupational Medicine, University of Milan] Forni A, et al. **Med Lav** 1985 Jan-Feb;76(1):11-6 (Eng. Abstr.) **(Ita)**

[A new solution for orthograde intestinal lavage] Perego P, et al. **Minerva Med** 1984 Sep 22;75(36):2079-81 **(Ita)**

[Therapeutic lavage in patients with pulmonary-alveolar proteinosis] Filippov VP, et al. **Ter Arkh** 1984;56(11):126-7 **(Rus)**

ADVERSE EFFECTS

Overhydration during transurethral resection of the prostate using glycine as an irrigating solution. Thomas D, et al. **Anaesth Intensive Care** 1984 Nov;12(4):366-9

Gastroduodenal reflux of irrigating solution during percutaneous lithotripsy for intrahepatic cholelithiasis. Harris M, et al. **Anesthesiology** 1985 Feb;62(2):182-3

The efficacy of agents employed to prevent anastomotic recurrence in colorectal carcinoma [letter] Gelister JS, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):267

Intraperitoneal tetracycline and adhesions [letter] **Br J Surg** 1984 Nov;71(11):915-7

Complications of whole gut irrigation [letter] Schein M, et al. **Br J Surg** 1985 Apr;72(4):329

Endothelial cell repopulation after intracameral acetic acid irrigation. Stoneburner S, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):139-44

Cardiac depression on syringing the ear. A case report. Prasad KS. **J Laryngol Otol** 1984 Oct;98(10):1013

Peritoneal extravasation during percutaneous lithotripsy. Carson CC, et al. **J Urol** 1985 Oct;134(4):725-7

Hyperammonemia after transurethral resection of the prostate: a report of 2 cases. Ryder KW, et al. **J Urol** 1984 Nov;132(5):995-7

Vaginal douching. Pros, cons, and proper technique. Zbella EA, et al. **Postgrad Med** 1984 Dec;76(8):93, 96-7

[Reabsorption of the irrigation solute during percutaneous nephrolithotomy] Cariou G, et al. **Ann Urol (Paris)** 1985;19(2):83-6 (Eng. Abstr.) **(Fre)**

[A rare case of subarachnoideal pneumocephalus after ear douche therapy] Tomita Y, et al. **No To Shinkei** 1985 Jan;37(1):89-94 (Eng. Abstr.) **(Jpn)**

[Prevention of water intoxication after urological endoscopic procedures] Golański J, et al. **Wiad Lek** 1984 Apr 1;37(7):527-30 (6 ref.) (Eng. Abstr.) **(Pol)**

INSTRUMENTATION

Treatment of deep brain abscesses by stereotactic implantation of an intracavitary device for evacuation and local application of antibiotics. Broggi G, et al. **Acta Neurochir (Wien)** 1985;76(3-4):94-8

Two-way irrigating needle for cortical cleanup. Gills JP. **J Am Intraocul Implant Soc** 1984 Fall;10(4):482-3

Syringe holder for anterior chamber irrigation/aspiration. Hedges CC. **J Am Intraocul Implant Soc** 1984 Fall;10(4):485

An instrument for irrigating the nucleus in extracapsular surgery. Loewenthal LM. **J Am Intraocul Implant Soc** 1984 Fall;10(4):484

An inexpensive semiautomated irrigation/aspiration system. Sheets JH. **J Am Intraocul Implant Soc** 1985 Jan;11(1):71-2

[Zipper as a new method of temporary abdominal wall closure in abdominal surgery] Teichmann W, et al. **Chirurg** 1985 Mar;56(3):173-8 **(Ger)**

[A manually operated micro-aspiration system for extracapsular cataract extraction] Friedburg D, et al. **Fortschr Ophthalmol** 1984;81(3):250-1 (Eng. Abstr.) **(Ger)**

[Initial experiences with a controlled flow phacoemulsification instrument] Oggel K. **Fortschr Ophthalmol** 1984;81(5):461-2 (Eng. Abstr.) **(Ger)**

[A set of instruments for abdominal lavage] Schuhr EU. **Zentralbl Chir** 1984;109(18):1221-2 **(Ger)**

[An eye spray for lavage of the conjunctival cavity in chemical burns] Alieva ZA, et al. **Oftalmol Zh** 1985;(1):56-7 **(Rus)**

METHODS

Drug clearance by diarrhea induction. Porter RS, et al. **Am J Emerg Med** 1985 May;3(3):182-6

Golytely lavage--is metoclopramide necessary? Brady CE 3d, et al. **Am J Gastroenterol** 1985 Mar;80(3):180-4

Prophylaxis with whole gut irrigation and antimicrobials in colorectal surgery. A prospective, randomized double-blind clinical trial. Gottrup F, et al. **Am J Surg** 1985 Mar;149(3):317-22

The management of empyema thoracis by thoracoscopy and irrigation. Hutter JA, et al. **Ann Thorac Surg** 1985 Jun;39(6):517-20

Effect of filtration and concentration on the composition of bronchoalveolar lavage fluid. Lam S, et al. **Chest** 1985 Jun;87(6):740-2

Methods for bronchoalveolar lavage in asthmatic patients following bronchoprovocation and local antigen challenge. Metzger WJ, et al. **Chest** 1985 Jan;87(1 Suppl):16S-19S

Comparison of cleansing methods in preparation for colonic surgery. Beck DE, et al. **Dis Colon Rectum** 1985 Jul;28(7):491-5

Intraoperative high-flow antegrade irrigation. A new bowel-cleansing system. Leiboff AR, et al. **Dis Colon Rectum** 1985 May;28(5):323-32

Effects of water and saline irrigation during bone cutting on bone healing. Lurie R, et al. **Int J Oral Surg** 1984 Oct;13(5):437-44

The use of peritoneal lavage in the evaluation of penetrating abdominal trauma. Pogoriler G, et al. **J Emerg Med** 1983;1(1):73-9

Pressures recorded during periodontal pocket irrigation. Kelly A, et al. **J Periodontol** 1985 May;56(5):297-9

Paraumbilical peritoneal lavage. Moothart WE, et al. **Pa Med** 1985 Apr;88(4):48, 50

Peritoneal irrigation (lavage) and local use of antibiotics in diffuse peritonitis. Bjerkeset T. **Scand J Gastroenterol [Suppl]** 1984;100:35-9

[Orthograde preparation of the large intestine] Charvát T. **Rozhl Chir** 1984 Dec;63(12):823-5 (Eng. Abstr.) **(Cze)**

[Necrotizing pancreatitis: peritoneal lavage or bursa lavage? Results of a prospective consecutive controlled study] Büchler M, et al. **Chirurg** 1985 Apr;56(4):247-50 (Eng. Abstr.) **(Ger)**

[Histologic studies in the course of programmed peritoneal lavage] Kujath P, et al. **Chirurg** 1985 Mar;56(3):170-2 (Eng. Abstr.) **(Ger)**

[Experimental studies on hemolysis in transurethral interventions] Bichler KH, et al. **Urologe [A]** 1985 Jul;24(4):229-33 (Eng. Abstr.) **(Ger)**

[Results of maxillary sinus lavage in infants and small children] Schmidt HJ, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):949-51 **(Ger)**

[Diagnostic bronchoalveolar lavage] Filippow VP, et al. **Z Erkr Atmungsorgane** 1984;163(2):107-11 (Eng. Abstr.) **(Ger)**

[Lymphocyte populations in bronchoalveolar lavage fluid in various interstitial lung diseases] Müller S, et al. **Z Erkr Atmungsorgane** 1984;163(2):140-5 (Eng. Abstr.) **(Ger)**

[Surgical mobilization of subtotal rigidity of the knee. Technics and results. Postoperative hydropneumoarthrotherapy] Zanasi R, et al. **Chir Organi Mov** 1984;69(4):329-34 (Eng. Abstr.) **(Ita)**

[Peritoneal lavage in generalized peritonitis] Orecchia C, et al. **Minerva Chir** 1984 Aug 15-31;39(15-16):1107-10 (Eng. Abstr.) **(Ita)**

[Irrigation-lavage of the peritoneum in acute generalized peritonitis. Our experience] Santoni N, et al. **Minerva Med** 1984 Aug 25;75(32-33):1861-4 **(Ita)**

[Bronchoalveolar lavage. A new diagnostic method in lung diseases] Gulsvik A, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1066-9 (Eng. Abstr.) **(Nor)**

[A method of diagnostic peritoneal lavage] Fibak J. **Pol Tyg Lek** 1985 Feb 25;40(8):231-4 (26 ref.) (Eng. Abstr.) **(Pol)**

[A simplified aspiration-lavage method of treating suppurative processes] Kanshin NN. **Vestn Khir** 1984 Nov;133(11):133-6 **(Rus)**

[Mechanical and automated methods of preparation of therapeutic mud mix and conduction of irrigation of the intestine] Kardashev VA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):70-1 **(Rus)**

VETERINARY

A sequential broncho-alveolar washing in non-anaesthetized normal bovines: method and preliminary results. Viso M, et al. **Vet Res Commun** 1985 Jul;9(3):213-9

IRRITABLE BOWEL SYNDROME see **COLONIC DISEASES, FUNCTIONAL**

IRRITABLE MOOD see under **EMOTIONS**

IRRITANTS

Unusual pigmentation on the skin over trunk bones and extremities. Tanigaki T, et al. **Dermatologica** 1985;170(5):235-9

Proceedings of an International Workshop on Irritation Testing of Skin and Mucous Membranes. 3-5 April 1984, Kartause Ittingen, Switzerland. **Food Chem Toxicol** 1985 Feb;23(2):135-338

Sensory irritation potential of selected nasal tumorigens in the rat. Gardner RJ, et al. **Food Chem Toxicol** 1985 Jan;23(1):87-92

Eye spy--the alternatives. Gray MA. **Food Chem Toxicol** 1984 Sep;22(9):783-5

Comparison of the sensitivity of the vaginal mucous membranes of the albino rabbit and laboratory rat to nonoxynol-9. Kaminsky M, et al. **Food Chem Toxicol** 1985 Jul;23(7):705-8

Correlation between gastric irritancy and anti-inflammatory activity of non-steroidal anti-inflammatory drugs. Dearden JC, et al. **J Pharm Pharmacol** 1984 Oct;36(10):713-5

Sudden onset irritant dermatitis in a car component factory. Zsigmond A. **J Soc Occup Med** 1985 May;35(2):62-4

Active principles of the Euphorbiaceae. VII. Milliamines H and I, peptide esters of 20-deoxy-5 epsilon-hydroxyphorbol from Euphorbia milii. Marston A, et al. **Planta Med** 1984 Aug;50(4):319-22

[Irritant effect of tensides on occupational dermatitis patients in hairdressing and nursing occupations. Comparative studies of healthy persons and neurodermatitis patients] Gloor M, et al. **Derm Beruf Umwelt** 1985;33(3):86-9 (Eng. Abstr.) **(Ger)**

[Protective effects of cyclodextrin on the local irritation induced by aqueous preparations of flurbiprofen] Masuda K, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1075-82 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Extravasation of chemotherapeutic agents. Hankin FM, et al. **Am Fam Physician** 1985 Mar;31(3):147-50

Complaints relating to the handling of carbonless copy paper in Sweden. Jeansson K, et al. **Am Ind Hyg Assoc J** 1984 Nov;45(11):B24, B26-7

Reactive airways dysfunction syndrome (RADS). Persistent asthma syndrome after high level irritant exposures. Brooks SM, et al. **Chest** 1985 Sep;88(3):376-84

Histological assessment of skin damage by irritants: its possible use in the evaluation of a 'barrier cream'. Mahmoud G, et al. **Contact Dermatitis** 1984 Sep;11(3):179-85

High-compression injection injuries to the hand. Lewis RC Jr. **Emerg Med Clin North Am** 1985 May;3(2):373-81

Irritative complaints, carboxyhemoglobin increase and minor ventilatory function changes due to exposure to chain-saw exhaust. Hagberg M, et al. **Eur J Respir Dis** 1985 Apr;66(4):240-7

Reactive airways dysfunction syndrome. Case reports of persistent airways hyperreactivity following high-level irritant exposures. Brooks SM, et al. **J Occup Med** 1985 Jul;27(7):473-6

Respiratory and eye irritation from boron oxide and boric acid dusts. Garabrant DH, et al. **J Occup Med** 1984 Aug;26(8):584-6

Dermatitis among hospital workers--Oregon. **MMWR** 1984

Dec 7;33(48):681-2

Recommended health-based occupational exposure limits for respiratory irritants. Report of a WHO Study Group. **WHO Tech Rep Ser** 1984;707:1-154 (468 ref.)

ANALYSIS

On the active principles of the spurge family, X. Skin irritants, cocarcinogens, and cryptic cocarcinogens from the latex of the manchineel tree. Adolf W, et al. **J Nat Prod** 1984 May-Jun;47(3):482-96

[A study of 'nettling' substances. II. Colorimetric determination] Malatesta P, et al. **Boll Chim Farm** 1983 Mar;122(3):137-42 (Eng. Abstr.) **(Ita)**

ANTAGONISTS & INHIBITORS

[Effect of various types of analgesic drugs on an experimental model of chronic inflammatory pain in mice] Okuyama S, et al. **Nippon Yakurigaku Zasshi** 1984 Jun;83(6):513-21 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Macrocyclic lathyrane type diterpene esters (jolkinols) from callus cultures and roots of Euphorbia lathyris. Adolf W, et al. **Planta Med** 1984 Jun;50(3):259-61

PHARMACODYNAMICS

The influence of low concentrations of irritants on skin barrier function as determined by water vapour loss. van der Valk PG, et al. **Derm Beruf Umwelt** 1985;33(3):89-91

The application of irritant chemicals selectively to the skin of the leech ganglion/body wall preparation. Weston KM, et al. **J Pharmacol Methods** 1984 Dec;12(4):285-97

Effects of oral chemical irritation on taste. Lawless H, et al. **Physiol Behav** 1984 Jun;32(6):995-8

[Quantitative determination of the irritating effect on human skin of butanol, octanol, acetaldehyde and crotonaldehyde] Bainova A, et al. **Probl Khig** 1984;9:66-72 (Eng. Abstr.) **(Bul)**

POISONING

Clinical observations and therapy of injuries with vesicants. Colardyn F, et al. **Arch Belg** 1984;Suppl:298-301

THERAPEUTIC USE

The use of blistering agents (vesicants) in horses. Cambridge H, et al. **Aust Vet J** 1985 Jan;62(1):23-4

TOXICITY

Propyl ether. II. Pulmonary irritation and anaesthesia. Nielsen GD, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):165-75

Propyl ether. I. Interaction with the sensory irritant receptor. Nielsen GD, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):158-64

Primary irritant contact dermatitis from synthetic pyrethroid insecticide exposure. Flannigan SA, et al. **Arch Toxicol** 1985 Feb;56(4):288-94

Counting alveolar macrophages (AM) from expectorate samples of exposed workers as a test for lung irritation from occupational exposure. Gullvåg B, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):702-8

The acute toxicity and primary irritancy of N-benzyl-N,N-dimethylamine. Ballantyne B, et al. **Drug Chem Toxicol** 1985;8(1-2):43-56

Review on skin and mucous-membrane irritation tests and their application. Bosshard E. **Food Chem Toxicol** 1985 Feb;23(2):149-54 (67 ref.)

Biopharmaceutical test of ocular irritation in the mouse. Etter JC, et al. **Food Chem Toxicol** 1985 Feb;23(2):321-3

Overview of animal test methods for skin irritation. Gfeller W, et al. **Food Chem Toxicol** 1985 Feb;23(2):165-8

Toxicity of commercial products on cells in suspension culture: a possible screen for the Draize eye irritation test. Kemp RB, et al. **Food Chem Toxicol** 1985 Feb;23(2):267-70

Distribution of eye irritation scores of industrial chemicals. Kobel W, et al. **Food Chem Toxicol** 1985 Feb;23(2):311-2

Registration requirements within the German Federal Health Office. Lingk W. **Food Chem Toxicol** 1985 Feb;23(2):179-81

Hen's egg chorioallantoic membrane test for irritation potential. Luepke NP. **Food Chem Toxicol** 1985 Feb;23(2):287-91

Acute skin toxicity reactions in man--tests and mechanisms. Marks R, et al. **Food Chem Toxicol** 1985 Feb;23(2):155-63

Prediction of the eye irritation potential of shampoos using the in vitro SIRC cell toxicity test. North-Root H, et al. **Food Chem Toxicol** 1985 Feb;23(2):271-3

An in vitro epidermal slice technique for identifying chemicals with potential for severe cutaneous effects. Oliver GJ, et al. **Food Chem Toxicol** 1985 Feb;23(2):229-32

Ability of in vitro (corneal injury--eye organ--and chorioallantoic membrane) tests to represent histopathological features of acute eye inflammation. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):215-27

Relevance of in vitro tests to in vivo acute skin inflammation: potential in vitro applications of skin keratome slices, neutrophils, fibroblasts, mast cells and macrophages. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):275-85

Studies on the design of animal tests for the corrosiveness of industrial chemicals. Potokar M, et al. **Food Chem Toxicol** 1985 Jun;23(6):615-7

The in vitro assessment of eye irritancy using isolated eyes. Price JB, et al. **Food Chem Toxicol** 1985 Feb;23(2):313-5

Interpretation of cell toxicity data for the estimation of potential irritation. Reinhardt CA, et al. **Food Chem Toxicol** 1985 Feb;23(2):247-52

An in vitro cytotoxicity test to predict the ocular irritation potential of detergents and detergent products. Scaife MC. **Food Chem Toxicol** 1985 Feb;23(2):253-8

Acute irritation tests in risk assessment. Schlatter C, et al. **Food Chem Toxicol** 1985 Feb;23(2):145-8

The Draize test--motivations for change. Sharpe R. **Food Chem Toxicol** 1985 Feb;23(2):139-43

A battery of potential alternatives to the Draize test: uridine uptake inhibition, morphological cytotoxicity, macrophage chemotaxis and exfoliative cytology. Shopsis C, et al. **Food Chem Toxicol** 1985 Feb;23(2):259-66

Assessment of the validity of animal techniques in eye-irritation testing. Swanston DW. **Food Chem Toxicol** 1985 Feb;23(2):169-73

Evidence from two classic irritation tests for an anti-inflammatory action of a natural extract, Echinacina B. Tragni E, et al. **Food Chem Toxicol** 1985 Feb;23(2):317-9

A more realistic animal technique for predicting human eye response. Walker AP. **Food Chem Toxicol** 1985 Feb;23(2):175-8

Irritant action due to physico-chemical parameters of test solutions. Walz D. **Food Chem Toxicol** 1985 Feb;23(2):299-302

Quantitative assessment of irritation in the mouse skin test. Walz D. **Food Chem Toxicol** 1985 Feb;23(2):199-203

Changing concepts of ocular irritation evaluation: pitfalls and progress. Williams SJ. **Food Chem Toxicol** 1985 Feb;23(2):189-93

Irritant diterpene ester promoters of mouse skin: contributions to etiologies of environmental cancer and to biochemical mechanisms of carcinogenesis. Hecker E, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:3-36

Sensory irritation tolerance and cross-tolerance in F-344 rats exposed to chlorine or formaldehyde gas. Chang JC, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):319-27

Statistical consequences of reducing the number of rabbits utilized in eye irritation testing: data on 67 petrochemicals. DeSousa DJ, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):234-42

Opacity of bovine cornea in vitro induced by surfactants and industrial chemicals compared with ocular irritancy in vivo. Muir CK. **Toxicol Lett** 1985 Feb-Mar;24(2-3):157-62

IS ELEMENTS see **DNA INSERTION ELEMENTS**

ISATIN see under **INDOLES**

ISCHEMIA

Metabolic and histologic changes in the ischemic muscles of replanted dog legs. Muramatsu I, et al. **Clin Orthop** 1985 Jun;(196):292-9

Captopril: a protective agent in renal warm ischemia in rats. Oosterlinck W, et al. **Eur Urol** 1985;11(1):36-9

Collateral arterial formation. Lymph draining ischemic kidneys contains a neovascular stimulating agent of high molecular weight. Hollenberg NK, et al. **Invest Radiol** 1985 Jan-Feb;20(1):58-61

Postoperative (pressure) alopecia. Wiles JC, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):195-8

Ischaemic isolated retraction of the abductor digiti minimi. Monteleone M, et al. **J Hand Surg [Br]** 1985 Feb;10(1):57-9

Secondary critical ischemia time of experimental skin flaps. Kerrigan CL, et al. **Plast Reconstr Surg** 1984 Oct;74(4):522-6

[Experimental choroidal ischemia by vortex embolization in the monkey] Sterkers M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:466-8 **(Fre)**

[Influence of the duration of ischemia on the function of cadaver kidney transplants] Landmann J, et al. **Helv Chir Acta** 1985 Apr;52(1):91-5 (Eng. Abstr.) **(Ger)**

[Clinical study on function reversibility of cadaveric renal allografts. I. Relationship between donor factors or ischemic time of the graft and reversibility of the function] Ihara H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1611-8 (Eng. Abstr.) **(Jpn)**

BLOOD

Serum phosphate levels in acute bowel ischemia. An aid to early diagnosis. Feretis CB, et al. **Am Surg** 1985 Apr;51(4):242-4

Clinical assay of ceftazidime levels in tissues of the relatively ischaemic limb. Smith RM, et al. **Br J Clin Pract** 1985 Mar;39(3):94-7

Circulating platelet aggregates in patients with coronary heart disease and lower limb ischaemia. Popadić M, et al. **Vasa** 1985;14(1):35-7

[Changes of serum phosphate levels in acute intestinal strangulation--an experimental study] Wang DZ. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):341-3, 382 (Eng. Abstr.) **(Chi)**

[The effects of hepatic ischemia on systemic blood coagulation and fibrinolysis in mongrel dogs] Shinohara M, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):544-54 (Eng. Abstr.) **(Jpn)**

[Platelet activity in patients with ischemia of the lower limbs treated with acenocoumarol] Kowal-Gierczak B, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1445-6 (Eng. Abstr.) **(Pol)**

[Myoglobin content of the blood in patients with lower limb ischemia] Kosnikova IV, et al. **Lab Delo** 1985;(3):157-9 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Ischaemia following selfadministered intra-arterial injection of methylphenidate and diamorphine. A case report of treatment with intra-arterial urokinase and review. Corser G, et al. **Anaesthesia** 1985 Jan;40(1):51-4

Severe unilateral ischemia of the lower extremity caused by ergotamine: treatment with nifedipine. Dagher FJ, et al. **Surgery** 1985 Mar;97(3):369-73

Intestinal ischemia caused by cocaine ingestion: report of two cases. Nalbandian H, et al. **Surgery** 1985 Mar;97(3):374-6

Ischemic bowel infarction and phenylpropranolamine use [letter] Johnson DA, et al. **West J Med** 1985 Mar;142(3):399-400

[Ischemic colitis following digitalis poisoning] Keller HW, et al. **Chirurg** 1984 Dec;55(12):830-1 **(Ger)**

[Effect of contrast media on glycoside-induced mesenteric ischemia] Seemann WR, et al. **ROFO** 1984 Sep;141(3):333-7 (Eng. Abstr.) **(Ger)**

[Ergotamine-induced disorders of the peripheral blood circulation--a case report] Creutzig A, et al. **Rontgenblatter** 1985 Jun;38(6):193-5 (Eng. Abstr.) **(Ger)**

[Acute ischemic syndrome of the foot following sclerotherapy of varicose veins] Oesch A, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1155-8 (Eng. Abstr.) **(Ger)**

[Complications in drug prevention of thromboembolism] Tittel K. **Unfallchirurgie** 1985 Jun;11(3):150-5 (Eng. Abstr.) **(Ger)**

[Infarction-pneumonia in acute allergic reaction to levomycetin] Krylov AA, et al. **Ter Arkh** 1985;57(5):145-6 **(Rus)**

COMPLICATIONS

Aphthous ulcers in ischemic gastroenterocolitis: a case report. Talansky AL, et al. **Am J Gastroenterol** 1985 Apr;80(4):257-9

In vitro versus in vivo mitochondrial calcium loading in ischemic acute renal failure. Arnold PE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F845-50

Experimental ischemic pancreatitis: treatment with albumin. Sanfey H, et al. **Am J Surg** 1985 Sep;150(3):297-300

Retinal manifestations of acquired immunodeficiency syndrome (AIDS). Report of a case. Buckman G, et al. **Ann Ophthalmol** 1984 Dec;16(12):1136-8

A mimic of the 'exact diagnostic sign' of Foster Kennedy. Lepore FE, et al. **Ann Ophthalmol** 1985 Jul;17(7):411-2

Ischaemic spinal cord injury after cardiac surgery. Puntis JW, et al. **Arch Dis Child** 1985 Jun;60(6):517-20

Bone crisis of Gaucher's disease due to bone ischemia: a case report. Davidson A, et al. **Arthritis Rheum** 1985 Feb;28(2):218-21

Post-traumatic ischemic necrosis of the common bile duct. Gately JF, et al. **Can J Surg** 1985 Jan;28(1):32-3

The relationship between heating time and temperature for rat tail necrosis with and without occlusion of the blood supply. Morris CC, et al. **Int J Radiat Biol** 1985 Jan;47(1):41-8

Test for postischaemic hyperaemia: a means of clinical assessment of microcirculatory reactivity in tissues of patients with liability to seasonal ischaemic noxae. Lorenzini P. **Int J Tissue React** 1984;6(4):343-9

Chemical lumbar sympathectomy [editorial] Duncan JA. **J Bone Joint Surg [Br]** 1985 Mar;67(2):174-5

An ischemia-induced model of revascularization failure of replanted limbs. Zdeblick TA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):125-31

Renal ischemic injury in the dog: characterization and effect of various pharmacologic agents. Lewis RM, et al. **J Lab Clin Med** 1984 Oct;104(4):470-9

Ischaemic oculomotor nerve palsy. Clinical features and vascular risk factors in 23 patients. Teuscher AU, et al. **J Neurol** 1985;232(3):144-9

Adynamic ileus following induced hypotension [letter] **JAMA** 1985 Oct 4;254(13):1721

Acute ischemic optic neuropathy [editorial] Goodwin JA. **JAMA** 1985 Aug 16;254(7):951-2

Gastric antral ulcers induced by a combination of acid, indomethacin and ischemia in rats. Hirose F, et al. **Jpn J Pharmacol** 1985 Jun;38(2):223-6

Nephron heterogeneity in ischemic acute renal failure. Conger JD, et al. **Kidney Int** 1984 Oct;26(4):422-9

Role of the medullary perfusion defect in the pathogenesis of ischemic renal failure. Mason J, et al. **Kidney Int** 1984 Sep;26(3):283-93

Ischaemic hepatitis [editorial] **Lancet** 1985 May 4;1(8436):1019-20

Ischaemic hepatitis. **Lancet** 1985 Jun 22;1(8443):1449

Ischaemic hepatitis [letter] Zwaveling JH. **Lancet** 1985 Aug 17;2(8451):388-9

Optic disc structure in anterior ischemic optic neuropathy. Beck RW, et al. **Ophthalmology** 1984 Nov;91(11):1334-7

Ischemic optic neuropathy. Still the ophthalmologist's dilemma. Shults WT. **Ophthalmology** 1984 Nov;

91(11):1338-41

Ischaemic optic neuropathy and retinopathy associated with acute pancreatitis. Smith WG, et al. **Scott Med J** 1985 Jan; 30(1):46-7

The calcium ion and calcium channel blockers in ischemic acute renal failure (ARF). Schrier RW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:702-4

Beneficial effect of muzolimine in postischemic acute renal failure in rats. Garthoff B. **Z Kardiol** 1985;74 Suppl 2:171-4

[Hepatic transplant icterus. Ischemia or rejection] Benichou J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb; 20(1):63-4 **(Fre)**

[Spontaneous orchi-epididymitis due to necrosis of ischemic vascular origin] Loup J. **Ann Urol (Paris)** 1984 Feb; 18(1):38-9 (Eng. Abstr.) **(Fre)**

[Paroxysmal mitral insufficiency caused by ischemic dysfunction of the papillary muscles. Apropos of 39 cases] Cosnay P, et al. **Arch Mal Coeur** 1985 Jan;78(1):81-90 (Eng. Abstr.) **(Fre)**

[Paroxysmal mitral insufficiency caused by ischemic dysfunction of the papillary muscles. Hemodynamic and angiographic study of 18 cases. Pathogenic hypotheses] Raynaud P, et al. **Arch Mal Coeur** 1985 Jan;78(1):91-101 (Eng. Abstr.) **(Fre)**

[Ischemic colitis as a cause of intestinal bleeding after marathon running] Schaub N, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):454-7 (Eng. Abstr.) **(Ger)**

[A successful case of two-staged operation for acute dissecting aneurysm (DeBakey IIIb) complicated with total occlusion of the terminal aorta] Ohhira M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1263-7 (Eng. Abstr.) **(Jpn)**

[Acute ischemic optic neuropathy. I. Etiopathogenesis] Czajkowski J, et al. **Klin Oczna** 1984 Nov;86(11):475-6 (Eng. Abstr.) **(Pol)**

[Acute ischemic optic neuropathy. II. Clinical aspects] Czajkowski J, et al. **Klin Oczna** 1984 Nov;86(11):477-9 (Eng. Abstr.) **(Pol)**

[Penile revascularization in the treatment of vasculogenic sexual impotence] Puech-Leão P, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan-Feb;39(1):23-5 (Eng. Abstr.) **(Por)**

[Hyperbaric oxygenation in dyscirculatory myelopathies] Neretin VIa, et al. **Sov Med** 1985;(3):42-4 (Eng. Abstr.) **(Rus)**

[Various characteristics of chronic ischemic pancreatitis] Abulov MKh, et al. **Ter Arkh** 1984;56(11):65-7 (Eng. Abstr.) **(Rus)**

[Pathogenesis and methods of prevention of ischemic shock during reperfusion of prolonged ischemicized limbs] Bilenko MV, et al. **Vestn Akad Med Nauk SSSR** 1985; (4):24-33 (Eng. Abstr.) **(Rus)**

[Treatment of gangrene of the lower limbs in diabetes mellitus] Ogonovskii VK, et al. **Vestn Khir** 1985 May; 134(5):66-8 (Eng. Abstr.) **(Rus)**

[Effectiveness of pulsating magnetic fields in patients with disorders of spinal cord circulation based on data of global and stimulating electromyography] Musaev AV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):40-3 (Eng. Abstr.) **(Rus)**

[Intestinal malabsorption syndrome as the presenting form of chronic intestinal ischemia (letter)] Fernández J, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):504-5 **(Spa)**

DIAGNOSIS

Intracapsular pressure in transient synovitis of the hip. Wingstrand H, et al. **Acta Orthop Scand** 1985 Jun; 56(3):204-10

Anterior ischemic optic neuropathy. Manor RS, et al. **Am J Ophthalmol** 1985 May 15;99(5):608-9

Chronic ocular ischaemia [letter] Hayreh SS. **Br J Ophthalmol** 1985 Aug;69(8):633-4

Evaluation of the ischemic limb by pressure and flow measurements of the skin microcirculation as determined by laser Doppler velocimetry. Pabst TS 3d, et al. **Curr Surg** 1985 Jan-Feb;42(1):29-31

Simulation of colonic carcinoma by ischemia. Brandt LJ, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1137-42

Ischemic bowel disease: diagnosis and prognosis. Khan AH, et al. **Geriatrics** 1984 Nov;39(11):63-5, 68-70, 72 passim

Intestinal ischaemia [editorial] Gillespie IE. **Gut** 1985 Jul; 26(7):653-5

The prediction of healing in ischemic lesions of the foot. A comparison of Doppler ultrasound and elevation reactive hyperemia. Gilfillan RS, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):15-20

Use of wick catheter compartment measurements in the vascular trauma patient. Russell WL, et al. **J Tenn Med Assoc** 1985 May;78(5):287-8

Nuclear magnetic resonance tissue analysis of acute renal artery and renal vein occlusion: the effect of a paramagnetic contrast agent. Strich G, et al. **J Urol** 1984 Dec; 132(6):1216-9

Lower limb ischemia in young adults: prognostic implications. Pairolero PC, et al. **J Vasc Surg** 1984 May; 1(3):459-64

Noninvasive diagnosis of intestinal angina. Jäger KA, et al. **JCU** 1984 Nov-Dec;12(9):588-91

Migrainous ischemic optic neuropathy. Katz B, et al. **Neurology** 1985 Jan;35(1):112-4

[New considerations on choroidal circulatory dynamics] Amalric P. **Bull Mem Soc Fr Ophtalmol** 1985;96:213-6 **(Fre)**

[Acute sectoral choroid ischemia (triangle syndrome)] Gaudric A, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:261-3 **(Fre)**

[Unusual aspects of choroidal insufficiency] Giovannini A, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:233-41 **(Fre)**

[Doppler recording in acute ischemia of the head of the optic nerve] Rossazza C, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:437-40 **(Fre)**

[Development of a standardized form for mercury gauge plethysmography of veins and arteries] Benhamou AC, et al. **J Mal Vasc** 1984;9(4):307-13 (Eng. Abstr.) **(Fre)**

[The irrigraphic profile, an orienting element in the indications for lumbar sympathectomy] Langeron P, et al. **J Mal Vasc** 1985;10 Suppl A:66-71 (Eng. Abstr.) **(Fre)**

[Benign paralysis of the last 4 cranial nerves. Arguments in favor of an ischemic mechanism] Devoize JL, et al. **Presse Med** 1985 Jun 15;14(24):1328-30 (Eng. Abstr.) **(Fre)**

[Diagnosis and therapy of the acral ischemia syndrome] Schütter FW, et al. **Dtsch Med Wochenschr** 1985 Sep 20; 110(38):1463-8 **(Ger)**

[Arterial circulatory disorders of the legs in pseudoxanthoma elasticum. Grönblad-Strandberg syndrome] Müller-Bühl U, et al. **Internist (Berlin)** 1984 Jun;25(6):375-8 **(Ger)**

[Arterial occlusive diseases of the eye. Diagnostic contribution of Doppler sonography] Gloor B, et al. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):161-71 (Eng. Abstr.) **(Ger)**

[Significance of intra-abdominal collaterals in the obliteration of visceral vascular trunks] Gaerisch F Jr, et al. **Z Arztl Fortbild (Jena)** 1984;78(18):767-9 **(Ger)**

[An ischemic-septic disease picture following acute occlusion of the superior mesenteric artery] Pircher W, et al. **Zentralbl Chir** 1984;109(16):1056-65 (Eng. Abstr.) **(Ger)**

[Simultaneous bilateral acute ischemic optic neuropathy] Krakovski D, et al. **Harefuah** 1984 Dec 2;107(11):328-30 (Eng. Abstr.) **(Heb)**

[Chronic ischemia of the lower limbs--diagnosis and management] Przystasz T, et al. **Wiad Lek** 1984 Oct 15; 37(20):1643-55 (Eng. Abstr.) **(Pol)**

[Quantitative evaluation of the severity of regional ischemia in injuries of the major vessels of the extremities] Kliachkin ML. **Khirurgiia (Mosk)** 1984 Oct;(10):16-21 (Eng. Abstr.) **(Rus)**

[Objective method of determining intestinal viability] Kostin AE. **Klin Khir** 1985 Feb;(2):27-8 (Eng. Abstr.) **(Rus)**

[Potentials of gastric and duodenal rheography during fiber-optic gastro- and duodenoscopy in detecting digestive organ ischemia and assessing the effectiveness of its surgical treatment] Potashov LV, et al. **Klin Khir** 1984 Nov;(11):34-6 (Eng. Abstr.) **(Rus)**

[Evaluation and prediction of the severity of ischemic disorders in injured extremities by a clinico-mathematic method] Malyshev NN, et al. **Vestn Khir** 1985 Jan; 134(1):90-5 (Eng. Abstr.) **(Rus)**

[Practical significance of the severity of the revascularization syndrome in treating acute arterial ischemia of the extremities] Komarov BD, et al. **Voen Med Zh** 1985 Mar; (3):34-8 **(Rus)**

DRUG THERAPY

Hepatic microcirculatory failure after ischemia and reperfusion: improvement with ATP-MgCl2 treatment. Clemens MG, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H804-11

Accelerated functional recovery of isolated rat kidney with ATP-MgCl2 after warm ischemia. Sumpio BE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1047-53

Effect of dimethyl sulfoxide and glycerol on acute bowel ischemia in the rat. Demetriou AA, et al. **Am J Surg** 1985 Jan;149(1):91-4

Laboratory control of continuous intravenous heparin therapy with Howel time and activated partial thromboplastin time. A prospective, randomized and blind study. Almazan A, et al. **Angiology** 1985 Jun;36(6):363-9

Improved myocardial recovery from ischemia. Treatment with low-dose adenosine triphosphate-magnesium chloride. McDonagh PF, et al. **Arch Surg** 1984 Dec; 119(12):1379-84

Colloid solution therapy of experimental ischemic intestinal shock in rats. Dawidson I, et al. **Crit Care Med** 1985 Sep; 13(9):709-14

Naloxone in experimental spinal cord ischemia: dose-response studies. Faden AI, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):115-20

Soybean trypsin inhibitor attenuates ischemic injury to the feline small intestine. Parks DA, et al. **Gastroenterology** 1985 Jul;89(1):6-12

Adenosine and diltiazem. A new therapeutic concept in the treatment of intestinal ischemia. Seemann WR, et al. **Invest Radiol** 1985 Mar-Apr;20(2):166-70

Protection of the kidney after temporary ischemia: free radical scavengers. Ouriel K, et al. **J Vasc Surg** 1985 Jan; 2(1):49-53

Efficacy of prostaglandin E1 in the treatment of lower extremity ischemic ulcers secondary to peripheral vascular occlusive disease. Results of a prospective randomized, double-blind, multicenter clinical trial. Schuler JJ, et al. **J Vasc Surg** 1984 Jan;1(1):160-70

Use of stable prostacyclin analogue ZK 36 374 to treat severe lower limb ischaemia [letter] Chiesa R, et al. **Lancet** 1985 Jul 13;2(8446):95-6

Opiate antagonist WIN44,441-3 stereospecifically improves neurologic recovery after ischemic spinal injury. Faden AI, et al. **Neurology** 1985 Sep;35(9):1311-5

Cyproheptadine reduces or prevents ischemic central nervous system damage. Zivin JA. **Neurology** 1985 Apr;35(4):584-7

Beneficial effect of allopurinol in liver ischemia. Nordström G, et al. **Surgery** 1985 Jun;97(6):679-84

Effects of beta-adrenergic blocking drugs on arterial blood flow. Diehm C. **Vasa** 1984;13(3):201-6

[In situ low-dose fibrinolysis in the treatment of ischemia of the limbs] Courtheoux P, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):667-74 (Eng. Abstr.) **(Fre)**

[Combination of lys-plasminogen and urokinase in subpopliteal acute ischemia. Preliminary results (letter)] Girand C, et al. **Presse Med** 1985 Feb 9;14(5):281-2 **(Fre)**

[Therapy of retinal vascular disorders by modification of blood viscosity--a randomized double-blind study] Brunner R, et al. **Fortschr Ophthalmol** 1984;81(5):440-3 (Eng. Abstr.) **(Ger)**

[Changes in hemorheologic and physiologic coagulation parameters in different methods of therapy of retinal vascular disorders--a randomized double-blind study] Heinen A, et al. **Fortschr Ophthalmol** 1984;81(5):444-8 (Eng. Abstr.) **(Ger)**

[Transcutaneous oxygen pressure during intra-arterial infusions] Creutzig A, et al. **Vasa** 1984;13(3):207-12 (Eng. Abstr.) **(Ger)**

[Modification of vasoconstriction in ischemically stressed and extracorporeally perfused dog kidneys by alpha adrenergic blockade with phenoxybenzamine] Schuldt HH, et al. **Z Urol Nephrol** 1984 Dec;77(12):703-9 (Eng. Abstr.) **(Ger)**

[Medical therapy of acute peripheral ischemia] Basellini A, et al. **Minerva Med** 1985 Mar 17;76(11):501-3 **(Ita)**

[Ticlopidine and amaurosis fugax: results of treatment in a case with very frequent and typical attacks] Cazzato G, et al. **Riv Neurol** 1985 Mar-Apr;55(2):109-15 (Eng. Abstr.) **(Ita)**

[Intra-arterial infusion of SNP for peripheral ischemia caused by acute ergotism] Kaji T, et al. **Rinsho Hoshasen** 1985 May;30(5):629-32 (Eng. Abstr.) **(Jpn)**

[Effect of furosemide on the permeability of the wall of intact and ischemic nephrons in the rat] Lebedev AA, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):92-6 (Eng. Abstr.) **(Rus)**

[Effect of sodium oxybutyrate on metabolic indices in ischemic hypoxia of muscle tissue] Lopatin AF, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):53-5 (Eng. Abstr.) **(Rus)**

[Effect of sodium oxybutyrate on the microcirculation of the ischemic hand] Kuz'menko VV, et al. **Sov Med** 1985; (3):118-22 **(Rus)**

[Ketanserin in the treatment of ischemic disease of the lower extremities] Gerová Z, et al. **Cas Lek Cesk** 1985 Jul 26; 124(30):938-41 (Eng. Abstr.) **(Slo)**

[Local intra-arterial injection of reserpine in severe ischemia of the extremities--a good effect on ergotism] Almgren B, et al. **Lakartidningen** 1984 Nov 7;81(45):4160-1 (Eng. Abstr.) **(Swe)**

ENZYMOLOGY

Reversibility of muscular ischemia: a histochemical quantification by the nitroblue tetrazolium (NBT) test. Chachques JC, et al. **Angiology** 1985 Aug;36(8):493-9

Effect of tourniquet ischaemia on carbohydrate metabolism of dog skeletal muscle. Hörl M, et al. **Eur Surg Res** 1985; 17(1):53-60

Histochemical assessment of cytochrome oxidase activity for monitoring ischemic muscle injury. Millis RM, et al. **Exp Neurol** 1985 May;88(2):265-76

The dynamics of choline acetyltransferase and acetylcholinesterase changes in dog spinal cord during ischemia. Malatová Z, et al. **Gen Physiol Biophys** 1984 Jun; 3(3):231-8

[Changes in the activity of various blood serum enzymes in experimental infarction of the small intestine in dogs; new theories on the mechanism of intestinal wall damage in ischemia] Konarska L, et al. **Pol Tyg Lek** 1984 Sep 10; 39(37):1237-41 (Eng. Abstr.) **(Pol)**

[Quantitative histoenzymological characteristics of changes in the red and white fibers of skeletal muscle tissue of the extremities in temporary ischemia and postischemic recirculation] Bogdanov OA, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):530-2 (Eng. Abstr.) **(Rus)**

[Quantitative changes in liver dehydrogenase activity during temporary ischemia of the extremities and in the postischemic period] Mishnev OD, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):22-4 (Eng. Abstr.) **(Rus)**

[Changes in myosin ATPase activity in skeletal muscle in acute ischemia of the extremities] Mishnev OD, et al. **Vrach Delo** 1984 Aug;(8):29-32 **(Rus)**

ETIOLOGY

Regional ischemia due to compromised collateral circulation after arterial reconstruction. Lose G, et al. **Acta Chir Scand** 1985;151(3):301-3

The femoral head--dead or alive! [editorial] Hulth A. **Acta Orthop Scand** 1985 Jun;56(3):193-5

Ischemia of the childhood femoral and humeral head epiphyses following osteomyelitis. A hypothesis on its cause. Mortensson W, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):269-72

Bilateral sequential migrainous ischemic optic neuropathy. Katz B. **Am J Ophthalmol** 1985 Apr 15;99(4):489

Ischemic optic neuropathy associated with retinal embolism. Tomsak RL. **Am J Ophthalmol** 1985 May 15;99(5):590-2

The popliteal entrapment syndrome. Becquemin JP, et al. **Anat Clin** 1984;6(3):203-7

Lower extremity ischemia associated with use of military antishock trousers. Frampton MW. **Ann Emerg Med** 1984 Dec;13(12):1155-7

Surgical experience in descending thoracic aneurysmectomy with and without adjuncts to avoid ischemia. Livesay JJ, et al. **Ann Thorac Surg** 1985 Jan;39(1):37-46

Neovascular glaucoma associated with ocular hypoperfusion secondary to carotid artery disease. Higgins RA. **Aust J Ophthalmol** 1984 May;12(2):155-62

Ischemic hepatitis: clinical features, diagnosis and prognosis. Gibson PR, et al. **Aust NZ J Med** 1984 Dec;14(6):822-5

Relation of haemostatic function, neurovascular impairment, and vibration exposure in workers with different stages of vibration induced white finger. Bovenzi M, et al. **Br J Ind Med** 1985 Apr;42(4):253-9

Follow up study of vibration induced white finger in chain saw operators. Futatsuka M, et al. **Br J Ind Med** 1985 Apr;42(4):267-71

Sympathetic and local vasoconstrictor response to cold in vibration induced white finger. Olsen N, et al. **Br J Ind Med** 1985 Apr;42(4):272-5

Acute ischaemia of the hand resulting from elevation of a radial forearm flap. Jones BM, et al. **Br J Plast Surg** 1985 Jul;38(3):396-7

Passage of a colon 'cast' following resection of an abdominal aortic aneurysm. Speakman MJ, et al. **Br J Surg** 1984 Dec;71(12):935

Ischemic skin lesions in ulcerative colitis. Chaun H, et al. **Can Med Assoc J** 1985 Apr 15;132(8):937-9

Purpura fulminans. Medical, surgical, and rehabilitative considerations. Silbart S, et al. **Clin Orthop** 1985 Mar;(193):206-13

The cecum: a 'watershed area'? [letter] Rogers BH. **Dis Colon Rectum** 1985 Apr;28(4):286-7

Spinal cord ischaemia following repair of the ruptured thoracic aorta: a successful outcome. Shukla RB, et al. **Ir J Med Sci** 1985 Jan;154(1):35-7

Occluded persistent sciatic artery. Morinaga K, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):82-5

Ischemic optic neuropathy following secondary intraocular lens implantation. Spedick MJ, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):255-7

Digital ischemia secondary to thrombosis of a persistent median artery. Aulicino PL, et al. **J Hand Surg [Am]** 1984 Nov;9(6):820-3

Spontaneous retrocarpal radial artery thrombosis: a report of two cases. Richards RR, et al. **J Hand Surg [Am]** 1984 Nov;9(6):823-7

Vascular ischemia of the cervical spine: a review of relationship to therapeutic manipulation. Crawford JP, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):149-55

Nerve root ischemia and pain secondary to spinal stenosis syndrome: technical and clinical considerations. Foreman SM. **J Manipulative Physiol Ther** 1985 Jun;8(2):81-5

Vibration exposure and vibration-induced white finger due to chain saw operation. Futatsuka M, et al. **J Occup Med** 1985 Apr;27(4):257-64

Anterior segment ischemia following strabismus surgery. Simon JW, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct;21(5):179-85

Superoxide: a critical oxygen-free radical in ischemic bowel injury. Dunn SP, et al. **J Pediatr Surg** 1984 Dec;19(6):740-4

Cold injury complicating burn therapy. Purdue GF, et al. **J Trauma** 1985 Feb;25(2):167-8

Critical hand ischemia caused by forearm fibromuscular dysplasia. Edwards JM, et al. **J Vasc Surg** 1985 May;2(3):459-63

Spinal cord ischemia following surgery for aortoiliac occlusive disease. Sutton J, et al. **J Vasc Surg** 1984 Sep;1(5):697-9

What determines the symptoms associated with subclavian artery occlusive disease? Walker PM, et al. **J Vasc Surg** 1985 Jan;2(1):154-7

Water-immersion stress induces mucosal ischemia due to thromboxane A2-like substance and ulcer formation in rats. Kitagawa H, et al. **Jpn J Pharmacol** 1984 Aug;35(4):478-80

A new microvascular clamp for the production of experimental ischemia. Stark RH, et al. **Microsurgery** 1984;5(4):202-6

Ischaemia of the tongue due to temporal arteritis [letter] Wilsher ML, et al. **NZ Med J** 1985 Feb 13;98(772):72

Brain stem signs in acute cervical cord trauma. Irwin J, et al. **Paraplegia** 1985 Apr;23(2):82-8

Digital ischemia in the neonate following intravenous therapy. Wehbé MA, et al. **Pediatrics** 1985 Jul;76(1):99-103

Fatal thrombo-embolism after limb exsanguination. A case report. Cajee RA. **S Afr Med J** 1985 Aug 31;68(5):349-50

Gastric mucosal blood flow related to acute mucosal damage. Svanes K, et al. **Scand J Gastroenterol [Suppl]** 1984;105:62-6

Lower-extremity ischemia in aortic dissection. Report of three cases. Schöön IM, et al. **Scand J Thorac Cardiovasc Surg** 1985,19(1):93-5

Ischemic colitis complicating reconstruction of the abdominal aorta. Schroeder T, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):299-303

Infrarenal aortic dissection--is there a clue? [letter] Adar R. **Surgery** 1984 Nov;96(5):946

Extensive colonic necrosis complicating acute pancreatitis. Kukora JS. **Surgery** 1985 Mar;97(3):290-3

Spinal cord ischemia after ligation of both internal iliac arteries during radical cystoprostatectomy. Kaisary AV, et al. **Urology** 1985 Apr;25(4):395-7

Lesser curve ischemia after proximal gastric vagotomy and splenectomy: conservative management with endoscopical surveillance. Choi S, et al. **World J Surg** 1985 Aug;9(4):643-4

[Systemo-pulmonary fistula associated with stenosis of the brachiocephalic trunk and disclosed by exertional ischemia of the right arm] Vermynck JP, et al. **Ann Chir** 1984 Dec;38(9):685-90 (Eng. Abstr.) **(Fre)**

[Ocular involvement in minor beta-thalassemia] Augustin P, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):323-7 (Eng. Abstr.) **(Fre)**

[Bilateral acute ischemic neuropathy in periarteritis nodosa] Denis G, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):909-11 (Eng. Abstr.) **(Fre)**

[Low-noise bilateralization of anterior ischemia of the optic nerve in 2 patients with emboligenic cardiopathy] Thienpont P, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):819-21 **(Fre)**

[Ischemic stenosis of the small intestine after surgery of the abdominal aorta. 2 cases] Faure JL, et al. **Chirurgie** 1984;110(4):430-4 (Eng. Abstr.) **(Fre)**

[Ischemic damage of the distal digestive tract after angioplastic surgery of the infrarenal aorta for aneurysm or aorto-ilio-femoral obstruction (Leriche's syndrome)] Boumghar M. **J Chir (Paris)** 1985 Apr;122(4):225-34 (Eng. Abstr.) **(Fre)**

[Complications of mitral valve prolapse] Bensaid J. **Presse Med** 1985 Feb 16;14(7):413-7 (Eng. Abstr.) **(Fre)**

[Regressive arterial spasm of a lower limb] el Benna MT, et al. **Tunis Med** 1983 Jan-Feb;61(1):71 **(Fre)**

[Intestinal ischemia associated with aorto-bifemoral bypass] Morin JF, et al. **Union Med Can** 1984 Jun;113(6):508-10, 521 (Eng. Abstr.) **(Fre)**

[Massive intracerebral hemorrhage and anterior spinal artery syndrome in etiologic relation to paraspinal anesthesia procedures? 2 case reports] Plötz J, et al. **Anasth Intensivther Notfallmed** 1984 Dec;19(6):307-9 (Eng. Abstr.) **(Ger)**

[Purtscher's traumatic angiopathy--early documentation] Lindenblatt B, et al. **Fortschr Ophthalmol** 1984;81(3):228-30 (Eng. Abstr.) **(Ger)**

[Ischemic colitis following reconstructive interventions of the aortoiliac vascular segment] Vollmar JF, et al. **Langenbecks Arch Chir** 1985;363(3):165-78 (Eng. Abstr.) **(Ger)**

[Iatrogenic vessel damage in the pelvic region] Heinrich P, et al. **Zentralbl Gynakol** 1985;107(7):432-4 (Eng. Abstr.) **(Ger)**

[Stenosis caused by compression of the celiac tripod. Pathogenic and clinical considerations on 3 cases] Biglioli P, et al. **Minerva Cardioangiol** 1984 Sep;32(9):621-6 (Eng. Abstr.) **(Ita)**

[Our experience with embolism and acute arterial thrombosis of the extremities] Emanuelli G, et al. **Minerva Med** 1985 Mar 17;76(11):515-20 **(Ita)**

[Ischemic syndrome of the lower extremities from immersion in hot water] Fradà G Jr. **Minerva Med** 1984 Oct 27;75(41):2445-8 (Eng. Abstr.) **(Ita)**

[A case of ischemic stricture of the small intestine associated with Buerger's disease] Ohtaka H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2588-93 **(Jpn)**

[A case of myelopathy of probable vascular origin with favorable outcome] Hoppe B, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):183-5 (Eng. Abstr.) **(Pol)**

[Microcirculation and tracheal injury] Miodoński A, et al. **Otolaryngol Pol** 1984;38(4):277-89 (Eng. Abstr.) **(Pol)**

[Transient cortical blindness as a complication of vertebral arteriography] Niezabitowski K, et al. **Pol Przegl Radiol (Warszawa)** 1984 May-Jun;48(3):137-40 (Eng. Abstr.) **(Pol)**

[A case of atypical vibration syndrome] Knapikowa D, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1301-3 (Eng. Abstr.) **(Pol)**

[Carcinoid tumor of the ileum and intestinal ischemia] Melo CR, et al. **AMB** 1984 Sep-Oct;30(9-10):208-9 **(Por)**

[Intestinal ischemia] Abasov IT. **Klin Med (Mosk)** 1985 Feb;63(2):140-5 **(Rus)**

[Severe complication of transcatheter embolization of the internal iliac artery] Shmidt IZ, et al. **Sov Med** 1985;(2):119-20 **(Rus)**

[Ergot poisoning as a cause of acute ischemia] Martínez León J, et al. **Angiologia** 1985 Mar-Apr;37(2):56-64 (Eng. Abstr.) **(Spa)**

[32-year-old male with abdominal pain, subcutaneous inflammation in the left inguinal region and acute ischemia of the left hand (clinical conference)] Piqué JM, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):507-16 **(Spa)**

FAMILIAL & GENETIC

A description of the damaged DNA produced during tissue injury. Warnick CT, et al. **Exp Mol Pathol** 1984 Dec;41(3):397-408

METABOLISM

Tourniquet effects on muscle oxygen tension in dog limbs. Experiments with cooling and breathing intervals. Nakahara M. **Acta Orthop Scand** 1984 Oct;55(5):576-8

Earliest irreversible changes during ischemia. Ames A 3d. **Am J Emerg Med** 1983 Sep;1(2):139-46

Involvement of mitochondria in ischemic cell injury and in regulation of intracellular calcium. Fiskum G. **Am J Emerg Med** 1983 Sep;1(2):147-53

Renal sodium reabsorption, oxygen consumption, and gamma-glutamyltransferase excretion in the postischemic rat kidney. Herminghuysen D, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F804-9

Adenosine triphosphate--magnesium chloride ameliorates reperfusion injury following ischemia as determined by phosphorus nuclear magnetic resonance. Sumpio BE, et al. **Arch Surg** 1985 Feb;120(2):233-40

The effect of 7-(2'-oxopropyl)-1,3-di-n-butyl-xanthine (BRL 30892) on ischaemic skeletal muscle pO2, pH and contractility in cats and rats. Angersbach D, et al. **Arzneimittelforsch** 1984;34(10):1274-8

Formation of n.m.r.-invisible ADP during renal ischaemia in rats. Stubbs M, et al. **Biochem J** 1984 Nov 15;224(1):241-6

Physiology of resuscitation. Winegar CD, et al. **Emerg Med Clin North Am** 1983 Dec;1(3):479-99 (160 ref.)

Changes of protein synthesis in liver tissue following ligation of hepatic artery or portal vein in rats. Fornander J, et al. **Eur Surg Res** 1985;17(2):101-8

Evaluation of an in vitro method for the study of hepatic protein synthesis in liver ischemia. Fornander J, et al. **Eur Surg Res** 1985;17(2):91-100

Effect of cimetidine on net ion fluxes across the rat gastric mucosa during mucosal damage after gastric ischemia and after intravenous acetylsalicylic acid. Pipkin G, et al. **Gastroenterology** 1984 Dec;87(6):1283-91

Metabolic changes in small bowel ischaemia. Hickey-Dwyer M, et al. **Ir J Med Sci** 1984 Jul;153(7):233-7

Liver ischemia increases the molecular order of microsomal membranes by increasing the cholesterol-to-phospholipid ratio. Petrovich DR, et al. **J Biol Chem** 1984 Nov 10;259(21):13217-23

Optimizing tourniquet application and release times in extremity surgery. A biochemical and ultrastructural study. Sapega AA, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):303-14

The protective role of local hypothermia in tourniquet-induced ischaemia of muscle. Irving GA, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):297-301

An evaluation of resting arterial ischemia models in the rat hind limb. Seifert FC, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):502-8

Oxygen free radicals in ischemic acute renal failure in the rat. Paller MS, et al. **J Clin Invest** 1984 Oct;74(4):1156-64

Alterations in the metabolism of lipids in ischemia of the liver and kidney. Finkelstein SD, et al. **J Lipid Res** 1985 Jun;26(6):726-34

Metabolic effects of fructose diphosphate in hypoxic and ischemic states. Webb WR. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):863-6

Muscle ischemia and hypothermia: a bioenergetic study using 31phosphorus nuclear magnetic resonance spectroscopy. Osterman AL, et al. **J Trauma** 1984 Sep;24(9):811-7

Cellular changes with graded limb ischemia and reperfusion. Perry MO, et al. **J Vasc Surg** 1984 Jui;1(4):536-40

Oxygen-derived free radicals in postischemic tissue injury. McCord JM. **N Engl J Med** 1985 Jan 17;312(3):159-63 (34 ref.)

ATP degradation products after ischemic exercise: hereditary lack of phosphorylase or carnitine palmityltransferase. Bertorini TE, et al. **Neurology** 1985 Sep;35(9):1355-7

Free amino acids in the spinal cord and ganglia of dogs after ligation of the abdominal aorta. Martiniak J, et al. **Physiol Bohemoslov** 1985;34(1):11-7

Energy metabolism and glycolysis in the human placenta during ischaemia and in normal labour. Bloxam DL, et al. **Placenta** 1984 Sep-Oct;5(5):381-94 (54 ref.)

Oxidative tissue damage following regional intestinal ischemia and reperfusion in the cat. Younes M, et al. **Res Exp Med (Berl)** 1984;184(4):259-64

Effect of sixty-minute warm ischaemia on the functional and biochemical indices of viability of the isolated, normothermally perfused rabbit liver. Tilšer I, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(4):471-90

Alterations in amino acid clearance during ischemia predict hepatocellular ATP changes. Fath JJ, et al. **Surgery** 1985 Sep;98(3):396-404

[Pathology caused by oxygen] Biemond P, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24;128(47):2230-3 **(Dut)**

[Clinical evaluation of a femoral compression method for ischemic legs by transcutaneous oxygen tension measurement] O-hara M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1490-4 (Eng. Abstr.) **(Jpn)**

[Changes in serotonin and histamine levels in blood and liver after acute hepatic ischemia] Ono J, et al. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1301-7 (Eng. Abstr.) **(Jpn)**

[Role of endogenous free iron in activating lipid peroxidation in ischemia] Kozlov AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):38-41 (Eng. Abstr.) **(Rus)**

[Impairment of protein biosynthesis in the spinal cord in ischemia and recirculation] Burda I, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):498-503 (Eng. Abstr.) **(Rus)**

[Carbohydrate metabolism of the skeletal muscle of the ischemic extremity in acute and chronic occlusion of the major arteries in man] Kosnikova IV, et al. **Vopr Med Khim** 1985 May-Jun;31(3):21-3 (Eng. Abstr.) **(Rus)**

MORTALITY

Intestinal ischemia: reduction of mortality utilizing intraluminal perfluorochemical. Ricci JL, et al. **Am J Surg** 1985 Jan;149(1):84-90

Effect of intravenous glucagon on the survival of rats after acute occlusive mesenteric ischemia. Cronenwett JL, et al. **J Surg Res** 1985 May;38(5):446-52

OCCURRENCE

Acute ischemia of the extremities in a metropolitan area during one year. Dryjski M, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):518-22

PATHOLOGY

Traumatic hip joint tamponade. Two cases with femoral head ischaemia. Strömqvist B, et al. **Acta Orthop Scand** 1985 Feb;56(1):81-5

Ischemic brain injury and cell calcium: morphologic and therapeutic aspects. Van Reempts J, et al. **Ann Emerg Med** 1985 Aug;14(8):736-42 (31 ref.)

Structural alterations of the inner mitochondrial membrane in ischemic liver cell injury. Okayasu T, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):638-45

Chronic ocular ischaemia. Sturrock GD, et al. **Br J Ophthalmol** 1984 Oct;68(10):716-23

The effect of the transcutaneous electrode on the variability of dermal oxygen tension changes. Spence VA, et al. **Clin Phys Physiol Meas** 1985 May;6(2):139-45

Influence of ischemia and artificial perfusion on placental ultrastructure and morphometry. Kaufmann P. **Contrib Gynecol Obstet** 1985;13:18-26

Spatial distribution of capillaries in rat nerves: correlation to ischemic damage. Nukada H, et al. **Exp Neurol** 1985 Feb;87(2):369-76

Ultrastructural and quantitative investigations of the spinal ganglia neurons after ligation of the abdominal aorta. Ferčáková A, et al. **J Hirnforsch** 1984;25(5):585-91

Ischaemic changes in human mesenteric lymph nodes. Mahy NJ, et al. **J Pathol** 1984 Dec;144(4):257-67

Idiopathic ischemic syndromes of the retina and optic nerve and their carotid origin. Berguer R. **J Vasc Surg** 1985 Sep;2(5):649-53

Lipid alterations induced by renal ischemia: pathogenic factor in membrane damage. Matthys E, et al. **Kidney Int** 1984 Aug;26(2):153-61

Lesions of the kidney in tourniquet shock: ultrastructural study. Orsi R, et al. **Microsurgery** 1984;5(4):191-6

Ischemic injury of the human pancreas. Its basic patterns correlated with the pancreatic microvasculature. Takahashi T, et al. **Pathol Res Pract** 1985 May;179(6):645-51

Chronic ocular ischemia and carotid vascular disease. Carter JE. **Stroke** 1985 Jul-Aug;16(4):721-8

Biochemical and ultrastructural changes in rat liver plasma membranes after temporary ischemia. Frederiks WM, et al. **Virchows Arch [Cell Pathol]** 1984;46(4):269-82

Ultrastructural changes in rat liver sinusoids during prolonged normothermic and hypothermic ischemia in vitro. Myagkaya G, et al. **Virchows Arch [Cell Pathol]** 1984;47(4):361-73

Quantitative analysis of mitochondrial flocculent densities in rat hepatocytes during normothermic and hypothermic ischemia in vitro. Myagkaya GL, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):61-72

Ascending anterograde degeneration of some rabbit spinal cord tracts after ischemic damage. Maršala J, et al. **Z Mikrosk Anat Forsch** 1984;98(3):324-36

[Pseudo-obstruction and colonic ischemia] Chabloz R, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):195-8 (Eng. Abstr.) **(Fre)**

[Juvenile distal cerebral ischemia: value of pulp biopsy] Arnott G, et al. **Rev Neurol (Paris)** 1985;141(1):37-42 (Eng. Abstr.) **(Fre)**

[Ultrastructure of various tissues in experimental tourniquet ischemia] Salamon A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(1):71-9 (Eng. Abstr.) **(Hun)**

[An experimental pathological study on the ischemic kidney induced in rabbits by constriction of the homolateral renal artery] Ishimura E. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):419-38 (Eng. Abstr.) **(Jpn)**

[Ultrastructure of neurons of the myenteric plexus in the normal cat and after temporary circulatory interruption] Liubaev VA, et al. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):22-32 (Eng. Abstr.) **(Rus)**

[Ischemic diseases of the lower limbs] Permiakov NK, et al. **Arkh Patol** 1985;47(2):5-16 (Eng. Abstr.) **(Rus)**

[Morphological characteristics of the changes in the skeletal muscle tissue in acute experimental ischemia of the extremities] Savel'ev VS, et al. **Biull Eksp Biol Med** 1985 May;99(5):613-6 (Eng. Abstr.) **(Rus)**

[Experimental study of the need for the dearterialization of tumors] Chissov VI, et al. **Eksp Onkol** 1984;6(4):66-70 (Eng. Abstr.) **(Rus)**

[Changes in intervertebral disks and vertebral bodies in experimental disorders of segmental blood flow and additional acute trauma] Grigorovskiĭ VV, et al. **Ortop Travmatol Protez** 1985 Mar;(3):21-5 (Eng. Abstr.) **(Rus)**

[Reversibility of the structural and functional changes in experimental acute ischemia in limb tissues] Kliachin ML, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):34-7 (Eng. Abstr.) **(Rus)**

[The effect of experimentally induced ischemia on CNS cells] Orendáčová J, et al. **Cesk Fysiol** 1984;33(5):433-49 (71 ref.) **(Slo)**

PHYSIOPATHOLOGY

An experimental study of the longest tolerable time of the total portal triad occlusion in normothermia in rabbit. Chen XP, et al. **Acta Acad Med Wuhan** 1985;5(2):112-5

Effects of hypoxia and ischaemia on coronary vascular resistance, A-V node conduction and S-A node excitation. Berne RM, et al. **Acta Med Scand [Suppl]** 1985;694:9-19

Studies on arteriovenous anastomoses in rabbits. Part II. Arteriovenous anastomoses and the effect of transient ischaemia on the development of trophic ulceration after sciatic nerve transection in rabbits. Wojtal E, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):72-5

Ischemic acute renal failure in the rat: protective effect of uninephrectomy. Fried TA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F568-74

Ischemic conduction failure and energy metabolism in experimental diabetic neuropathy. Low PA, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E457-62

Responses of the normal rat kidney to sequential ischemic events. Zager RA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F148-59

Contractile properties of slow and fast muscle following tourniquet ischemia. Gardner VO, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):417-23

Hemodynamics of an anastomotic arteriovenous fistula. McGovern PJ Jr, et al. **Am J Surg** 1985 Mar;149(3):368-70

The preoperative angiogram as a predictor of peripheral vascular runoff. Menzoian JO, et al. **Am J Surg** 1985 Sep;150(3):346-52

Postischemic tissue injury by iron-mediated free radical lipid peroxidation. White BC, et al. **Ann Emerg Med** 1985 Aug;14(8):804-9

Regional perfusion in normal and ischemic rat sciatic nerves. Sladky JT, et al. **Ann Neurol** 1985 Feb;17(2):191-5

Circumferential skin blood flow measurements in the ischaemic limb. McCollum PT, et al. **Br J Surg** 1985 Apr;72(4):310-2

A comparative study on ischaemia- or anoxia-induced impairment of myocytic structure and cardiac function in the isolated, isovolumicly-contracting, perfused rat heart. van der Laarse A, et al. **Cardiovasc Res** 1984 Dec;18(12):768-78

Detection and prevention of tissue injury during hypoxia and ischemia. Hearse DJ. **Contrib Gynecol Obstet** 1985;13:48-58

Inter-individual variation in blood supply of the optic nerve head. Its importance in various ischemic disorders of the optic nerve head, and glaucoma, low-tension glaucoma and allied disorders. Hayreh SS. **Doc Ophthalmol** 1985 Apr 30;59(3):217-46

Eicosanoids as mediators of ischemia and shock. Lefer AM. **Fed Proc** 1985 Feb;44(2):275-80 (33 ref.)

Relationship of blood flow and oxygen consumption to ischemic injury in the canine small intestine. Bulkley GB, et al. **Gastroenterology** 1985 Oct;89(4):852-7

Synthesis of heat shock proteins in rat liver after ischemia and hyperthermia. Cairo G, et al. **Hepatology** 1985 May-Jun;5(3):357-61

Effect of ischemia on responses of group III and IV afferents to contraction. Kaufman MP, et al. **J Appl Physiol** 1984 Sep;57(3):644-50

Precapillary vessels and peripheral vascular ischemic disease. Verstraete M. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S720-4

Pattern of contracture and recovery following ischaemia of the upper limb. Sundararaj GD, et al. **J Hand Surg [Br]** 1985 Jun;10(2):155-61

A note on the mechanism of resistance to anoxia and ischaemia in pathophysiological mammalian myelinated nerve. Ritchie JM. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):274-7

Martorell's hypertensive ischemic leg ulcers are secondary to an increase in the local vascular resistance. Duncan HJ, et al. **J Vasc Surg** 1985 Jul;2(4):581-4

Renal ischemia: a new perspective. Brezis M, et al. **Kidney Int** 1984 Oct;26(4):375-83 (117 ref.)

Responses of the ischemic acute renal failure kidney to additional ischemic events. Zager RA, et al. **Kidney Int** 1984 Nov;26(5):689-700

Effects of ischemia on capillary density and flow velocity in nailfolds of human toes. Richardson D, et al. **Microvasc Res** 1985 Jul;30(1):80-7

The role of complement in the pathogenesis of postischemic acute renal failure. Stein JH, et al. **Miner Electrolyte Metab** 1985;11(4):256-61

Modification of induced ischaemic pain by transcutaneous electrical nerve stimulation. Roche PA, et al. **Pain** 1984 Sep;20(1):45-52

Cellular alterations in shock and ischemia and their correction. Chaudry IH. **Physiologist** 1985 Apr;28(2):109-18

Chemically induced vasospasm: the effect of ischemia, vessel occlusion, and adrenergic blockade. Richards RR, et al. **Plast Reconstr Surg** 1985 Feb;75(2):238-44

Components of injury (haemorrhage and tissue ischaemia) affecting cardiovascular reflexes in man and rat. Little RA, et al. **Q J Exp Physiol** 1984 Oct;69(4):753-62

Effect of limb ischaemia on blood pressure and the blood pressure-heart rate reflex in the rat. Redfern WS, et al. **Q J Exp Physiol** 1984 Oct;69(4):763-79

Nitroprusside (NP) on post-ischemic acute renal failure. Satta A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):137-40

Healing of ischemic colonic anastomoses in the rat: role of antibiotic preparation. Cohen SR, et al. **Surgery** 1985 Apr;97(4):443-6

Prostacyclin and thromboxane A2 moderate postischemic renal failure. Lelcuk S, et al. **Surgery** 1985 Aug;98(2):207-12

Effects of chlorpromazine on ischemic rat kidney: a functional and ultrastructural study. Jayachandran S, et al. **Urology** 1985 Apr;25(4):386-90

[Clinical application of inosine in warm renal ischemia] Cao SY. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):413-4, 445 (Eng. Abstr.) **(Chi)**

[Experimental studies on the viability of ischemic skin flaps] Li WH. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):417-20, 446 (Eng. Abstr.) **(Chi)**

[Tolerance to ischemia in in-situ operations and kidney transplantation. Development of a protective procedure] Hölscher M. **Fortschr Med** 1984 Nov 29;102(44):1138-40 (Eng. Abstr.) **(Ger)**

[Electrophysiologic verification of amaurosis fugax] Hennekes R, et al. **Fortschr Ophthalmol** 1985;82(3):298-9 (Eng. Abstr.) **(Ger)**

[Pattern and light electroretinograms in branch occlusions of the central retinal artery] Vomberg HE, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):560-2 (Eng. Abstr.) **(Ger)**

[Isolated acinus cells in the significance of ischemia in the pathogenesis of acute pancreatitis] Letko G, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(4):216-24 (Eng. Abstr.) **(Ger)**

[Biochemical criteria of vitality in experimental auxiliary animal liver transplantation] Grässler J, et al. **Z Med Lab Diagn** 1984;25(5):285-6 **(Ger)**

[The effect of halothane anesthesia on the ischemic liver] Matsumoto N, et al. **Masui** 1985 Mar;34(3):319-24 (Eng. Abstr.) **(Jpn)**

[Study on development of collateral circulation following anterior uveal ischemia in rabbit eyes. 1. Occlusion of the long posterior ciliary arteries] Okada H, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):611-8 (Eng. Abstr.) **(Jpn)**

[Experimental study on free muscle transplantation--histological changes and functional recovery of transplanted muscles in relation to the duration of ischemia and denervation] Yasunaga H. **Nippon Seikeigeka Gakkai Zasshi** 1984 Dec;58(13):1267-79 (Eng. Abstr.) **(Jpn)**

[Changes in the hydrodynamic resistance of collaterals after ligation of the femoral artery] Prokhorov GG. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):43-7 (Eng. Abstr.) **(Rus)**

[Hemodynamic and motility disorders of the gastrointestinal tract in intramural ischemia] Sigal ZM, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):657-9 (Eng. Abstr.) **(Rus)**

[Functiono-morphological changes in the cardiovascular system in acute occlusion and after revascularization of the cranial mesenteric artery] Volkoedov VS, et al. **Kardiologiia** 1984 Jul;24(7):87-91 (Eng. Abstr.) **(Rus)**

[Effect of arterial and venous insufficiency on the healing of fractures of long tubular bones] Bolatashvili IF. **Khirurgiia (Mosk)** 1985 May;(5):72-4 (Eng. Abstr.) **(Rus)**

[Mechanism of different degrees of resistance of the heart and kidneys to the action of thermal ischemia] Kirpatovskii VI, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):31-5 (Eng. Abstr.) **(Rus)**

[Possibility of the restoration of kidney function after critical periods of thermal ischemia by perfusion] Ilgiavichiute IaS, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):58-61 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Prevention of ischemic spinal cord injury following aortic cross-clamping: use of corticosteroids. Laschinger JC, et al. **Ann Thorac Surg** 1984 Nov;38(5):500-7

Suloctidil treatment prevents the development of post-traumatic feline spinal cord ischemia. Wolf DL, et al. **Arch Int Pharmacodyn Ther** 1985 Mar;274(1):139-44

Venoarterial bypass: a technique for spinal cord protection. Grossi EA, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):228-34

The use of topical vasodilators as an adjunct in infant renal surgery. Gearhart JP, et al. **J Urol** 1985 Aug;134(2):298-300

Renal preservation following severe ischemia and prophylactic calcium channel blockade. Gingrich GA, et al. **J Urol** 1985 Aug;134(2):408-10

[Protection against spinal cord ischemia in the treatment of traumatic rupture of the aortic isthmus] Donzeau-Gouge GP, et al. **Ann Chir** 1983 Mar;37(2):137-9 (Eng. Abstr.) **(Fre)**

[Prevention of spinal cord ischemia after thoracic aortic occlusion] Oka Y. **Nippon Geka Gakkai Zasshi** 1985 May; 86(5):619-29 (Eng. Abstr.) **(Jpn)**

[Anti-ischemic measures in severe injuries of the extremities at stages of medical evacuation] Babosha VA, et al. **Ortop Travmatol Protez** 1985 Jan;(1):8-11 (Eng. Abstr.) **(Rus)**

[Prevention of ischemic kidney damage after shutting off renal blood flow] Pytel' IuA, et al. **Sov Med** 1985;(1):14-21 (Eng. Abstr.) **(Rus)**

[Characteristics of anti-ischemia protection of the small intestine and pancreas under experimental conditions] Kulik VP, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):52-8 (Eng. Abstr.) **(Rus)**

[Prevention of ischemia during operations on the aorta under superficial hypothermia] Pokrovskii AV, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):12-9 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Acute sectorial choroidal ischemia. Spolaore R, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):707-16

Extensive revascularization in patients with 'nonreconstructible' vascular disease. Brown OW, et al. **Am Surg** 1985 Feb;51(2):80-3

CT findings in renal ischemia and infarction. Chawla K, et al. **Comput Radiol** 1984 Jul-Aug;8(4):223-7

CT signs of ischemic muscle necrosis. von Rottkay P. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):833-4

Intravenous digital subtraction angiography and its use in amputation level consideration in the ischemic forefoot. Searby P, et al. **J Foot Surg** 1985 Jan-Feb;24(1):18-23

CT findings in acute renal infarction. Hilton S, et al. **Urol Radiol** 1984;6(3-4):158-63

[X-ray diagnosis of ischemic vertebral collapse (with a report of 3 cases)] Chen GX. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Apr;19(2):81-3 (Eng. Abstr.) **(Chi)**

[Strangulating obstruction of the small intestine] Benendo-Kapuścińska B. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):123-9 (Eng. Abstr.) **(Pol)**

[Comparative studies of angiographic and morphological arterial changes in arteriosclerotic ischemia of the lower limbs] Majewski W, et al. **Pol Przegl Radiol (Warszawa)** 1984 May-Jun;48(3):161-5 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

Transient ischaemia of the proximal femoral epiphysis in the child. Interpretation of bone scintimetry for diagnosis in hip pain. Wingstrand H, et al. **Acta Orthop Scand** 1985 Jun;56(3):197-203

[Heart and skeletal muscle scintigraphy with thallium 201] Creutzig H, et al. **Z Kardiol** 1985 Jan;74(1):1-4 (Eng. Abstr.) **(Ger)**

SURGERY

Experimental study on preserved rabbit omentum allografts with skin autograft for repair of certain ischemic wound surfaces. Hu CG, et al. **Acta Acad Med Wuhan** 1985; 5(1):44-7

In situ saphenous vein bypass grafts for limb salvage. A current fad or a viable alternative to reversed vein bypass grafts? Bush HL Jr, et al. **Am J Surg** 1985 Apr; 149(4):477-80

Bypass or amputation? Concomitant review of bypass arterial grafting and major amputations. Gregg RO. **Am J Surg** 1985 Mar;149(3):397-402

Lumbar sympathectomy for lower extremity vasospasm. Janoff KA, et al. **Am J Surg** 1985 Jul;150(1):147-52

Second leg ischemia. Lower extremity bypass versus amputation in patients with contralateral lower extremity amputation. Powell TW, et al. **Am Surg** 1984 Nov; 50(11):577-80

'Islands of ischemia': transcutaneous PtcO2 documentation of pedal malperfusion following lower limb revascularization. Rhodes GR, et al. **Am Surg** 1985 Jul; 51(7):407-13

Five year experience using PTFE vascular grafts for lower limb ischaemia. Williams MR, et al. **Ann R Coll Surg Engl** 1985 May;67(3):152-5

In situ distal saphenous vein bypass using the intraluminal valve-disruption technique. Acher CW, et al. **Arch Surg** 1985 Aug;120(8):933-6

Polytetrafluoroethylene grafts for leg ischemia: facts and fiction [letter] Del Campo C. **Arch Surg** 1985 Sep; 120(9):1088-9

Improved results with diabetic below-knee amputations. Fearon J, et al. **Arch Surg** 1985 Jul;120(7):777-80

Endarterectomized superficial femoral artery as an arterial patch. Rollins DL, et al. **Arch Surg** 1985 Mar;120(3):367-9

Limb salvage surgery for severe leg ischemia. Siderys H, et al. **Indiana Med** 1985 Jul;78(7):590-1

Femoro-distal bypass for impending limb failure. Colgan MP, et al. **Ir Med J** 1985 Mar;78(3):78-80

Salvage of ischemic lower limb by subcutaneous femorofemoral crossover graft. Mashiah A, et al. **Isr J Med Sci** 1984 Nov;20(11):1090-3

Five year experience with axillopopliteal bypasses for limb salvage. Gupta SK, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):321-4

Arterialization of the venous network of the foot through a bypass in severe arteriopathic ischemia. Lengua F, et al. **J Cardiovasc Surg (Torino)** 1984 Jul-Aug;25(4):357-60

Failure of arteriovenous fistulas at distal tibial bypass anastomotic sites. Snyder SO Jr, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):137-42

Improved salvage of the foot with arterial reconstruction. Sengpiehl KE. **J Foot Surg** 1984 Sep-Oct;23(5):370-6

Fluorometric prediction of successful amputation level in the ischemic limb. Silverman DG, et al. **J Rehabil Res Dev** 1985 Jan;22(1):23-8

Composite sequential grafts in severe ischemia: a comparative study. Flinn WR, et al. **J Vasc Surg** 1984 May;1(3):449-54

Results of revascularization and amputation in severe lower extremity ischemia: a five-year clinical experience. Hobson RW 2d, et al. **J Vasc Surg** 1985 Jan;2(1):174-85

Peroneal artery bypass: a reappraisal of its value in limb salvage. Karmody AM, et al. **J Vasc Surg** 1984 Nov; 1(6):809-16

In situ saphenous vein arterial bypass to the tibial arteries. Leather RP. **J Vasc Surg** 1984 Nov;1(6):912-3

Lessons learned in adopting the in situ saphenous vein bypass. Levine AW, et al. **J Vasc Surg** 1985 Jan;2(1):145-53

Gore-Tex autogenous vein composite grafts for tibial reconstruction. Wheeler JR, et al. **J Vasc Surg** 1984 Nov; 1(6):914-5

The use of autologous graft and human umbilical vein graft in femorocrural bypasses--a preliminary report. Rondhuis JJ, et al. **Neth J Surg** 1985 Apr;37(2):50-3

Vascular reconstruction in intestinal angina. van Lanschot JJ, et al. **Neth J Surg** 1984 Dec;36(6):151-5

Use of extraanatomical procedures in vascular surgery. Odero A, et al. **Panminerva Med** 1985 Jan-Mar;27(1):1-4

Assessment of tissue viability in relation to the selection of amputation level. Spence VA, et al. **Prosthet Orthot Int** 1984 Aug;8(2):67-75

Chronic intestinal ischemia. The Lahey Clinic approach to management. Jaxheimer EC, et al. **Surg Clin North Am** 1985 Feb;65(1):123-30

Patency of autogenous saphenous vein versus polytetrafluoroethylene grafts in femoropopliteal bypass for advanced ischemia of the extremity. Bennion RS, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):239-42

Umbilical vein bypass in patients with severe lower limb ischemia: a report of 121 consecutive cases. Andersen LI, et al. **Surgery** 1985 Mar;97(3):294-9

Revascularization of popliteal and below-knee arteries with polytetrafluoroethylene. Christenson JT, et al. **Surgery** 1985 Feb;97(2):141-9

Normalization of local blood flow regulation in the ischemic forefoot after arterial reconstruction. Eickhoff JH. **Surgery** 1985 Jan;97(1):72-82

Experience with 350 crural arterial reconstructions: analysis and conclusions. Largiadèr J. **Thorac Cardiovasc Surg** 1985 Jun;33(3):146-56

Thoracic sympathectomy as a therapy for upper extremity ischemia. A long-term follow-up study. van de Wal HJ, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):181-7

Reconstructive vascular surgery for intestinal angina. Harvey CF, et al. **Ulster Med J** 1983;52(1):40-7

Thoracic outlet syndrome: treatment of vascular complications. Dunant JH. **Vasa** 1985;14(1):51-4

Femoropopliteal saphenous vein bypass grafts 8 years later. Sonnenfeld T, et al. **Vasa** 1985;14(2):152-4

[TcPO2 and viability of an amputation stump. Preliminary study] Casillas JM, et al. **J Mal Vasc** 1985;10(1):71-2 **(Fre)**

[Personal experiences in the care of lower-leg amputees with short prostheses] Strohbach H, et al. **Beitr Orthop Traumatol** 1985 Mar;32(3):113-7 (Eng. Abstr.) **(Ger)**

[Benzopyrone in the therapy of postreconstructive edema. A clinical double-blind study] Becker HM, et al. **Fortschr Med** 1985 Jun 6;103(21):593-6 (Eng. Abstr.) **(Ger)**

[Transcutaneous measurement of oxygen partial pressure in the preoperative determination of the amputation level in the arterial occlusive disease of the lower extremity] Cyba-Altunbay S, et al. **Langenbecks Arch Chir** 1985; 363(3):207-18 (Eng. Abstr.) **(Ger)**

[Vascular injuries in the area of the pelvis and the leg--reconstruction, complications and operative results] Bätz W, et al. **Vasa** 1984;13(3):244-7 (Eng. Abstr.) **(Ger)**

[Our experience in the treatment of acute ischemia of the extremities: thromboembolectomy] Agus G. **Ann Ital Chir** 1984;56(6):583-91 (Eng. Abstr.) **(Ita)**

[Reconstructive surgery in acute ischemia of the extremities] Vakhidov VV, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):31-5 (Eng. Abstr.) **(Rus)**

[Procedure in severe ischemia of the extremities in patients with obliterating arterial diseases] Klimov VN, et al. **Vestn Khir** 1984 Sep;133(9):52-5 (Eng. Abstr.) **(Rus)**

THERAPY

Evaluation of a flushing solution designed to protect kidneys from in situ ischemia. Andrews PM, et al. **Am J Kidney Dis** 1985 Jul;6(1):53-8

Chemical lumbar sympathectomy for ischemic rest pain. A randomized, prospective controlled clinical trial. Cross FW, et al. **Am J Surg** 1985 Sep;150(3):341-5

Epidural electrical stimulation in severe limb ischemia. Pain relief, increased blood flow, and a possible limb-saving effect. Augustinsson LE, et al. **Ann Surg** 1985 Jul; 202(1):104-10

Hyperbaric oxygenation in peripheral ischaemic lesions in infants. Rosenthal E, et al. **Arch Dis Child** 1985 Apr; 60(4):372-4

Role of activated carbon hemoperfusion in the recovery of livers exposed to ischemic damage. Toledo-Pereyra LH. **Arch Surg** 1985 Apr;120(4):462-5

Percutaneous transluminal angioplasty of the arteries of the lower limbs: a 5 year follow-up. Gallino A, et al. **Circulation** 1984 Oct;70(4):619-23

Effect of therapy on 24-h subcutaneous blood flow in the leg in patients with severe ischemia. Bjerre-Jepsen K, et al. **Eur J Nucl Med** 1984;9(9):413-5

Differential management of acute peripheral arterial ischemia. Dale WA. **J Vasc Surg** 1984 Mar;1(2):269-78

Reduction of postischemic edema with hyperbaric oxygen. Nylander G, et al. **Plast Reconstr Surg** 1985 Oct; 76(4):596-603

The effect of oxygen inhalation and intravenous naftidrofuryl on the transcutaneous partial oxygen pressure in ischaemic lower limbs. Mustapha NM, et al. **Prosthet Orthot Int** 1984 Dec;8(3):135-8

The ischaemic hand and upper limb--a diagnostic and therapeutic dilemma. Keenan JP, et al. **S Afr J Surg** 1985 Mar;23(1):11-14

Selection of patients for lumbar sympathectomy. Persson AV, et al. **Surg Clin North Am** 1985 Apr;65(2):393-403

[Extra-intracranial arterial anastomosis for carotid thrombosis: hemodynamic and functional recovery after prolonged ophthalmic ischemia] Sellem E, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1319-22 **(Fre)**

[Sympathectomy and microcirculation: physiopathologic reflections] Carpentier P, et al. **J Mal Vasc** 1985;10 Suppl A:62-5 (Eng. Abstr.) **(Fre)**

[Early and late results of conservative therapy in patients with peripheral arterial circulatory disorders of clinical stage IV] Rieger H, et al. **Vasa** 1984;Suppl 12:124-32 (Eng. Abstr.) **(Ger)**

[Physiological basis of the action of surface electrostimulation in the treatment of various vascular diseases] Szczypiorski P, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):313-6 (32 ref.) **(Pol)**

[Protection of long-term ischemic kidneys from the damages of reoxygenation by using the temporary inhalation of a gas hypoxic mixture] Bilenko MV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):147-51 (Eng. Abstr.) **(Rus)**

[Combined therapy of acute obstruction of the vessels of the retina and optic nerves] Eremenko AI, et al. **Oftalmol Zh** 1984;(7):392-5 (Eng. Abstr.) **(Rus)**

[Venesection and subacute hemodilution in the treatment of ischemic complications of the foot in diabetics] Jarábek L', et al. **Rozhl Chir** 1985 Jan;64(1):34-42 (Eng. Abstr.) **(Slo)**

VETERINARY

Evaluation of fluorescein dye as an indicator of small intestinal viability in the horse. Sullins KE, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):257-61

ISCHEMIC HEART DISEASE see **CORONARY DISEASE**

ISCHIUM

Osteomyelitis of the ischiopubic synchondrosis. Jarvis J, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):163-6

[Septic osteochondritis of the synchondrosis ischiopubica] Thiemann HH. **Radiol Diagn (Berl)** 1985;26(2):255-8 (Eng. Abstr.) **(Ger)**

[Echinococcus cysticus in bone] Kissling R, et al. **ROFO** 1984 Oct;141(4):470-1 **(Ger)**

[A case of giant cell tumor of the ischium] Tajima H, et al. **Rinsho Hoshasen** 1985 Mar;30(3):429-32 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of bedsores, trophic ulcers and osteomyelitis in patients with injuries of the spine and spinal cord] Virozub ID, et al. **Zh Vopr Neirokhir** 1984 Jul-Aug; (4):28-32 (Eng. Abstr.) **(Rus)**

INJURIES

[Combined injuries of the pelvic bones and bladder in children] Dzhalilov PS. **Vestn Khir** 1985 Feb;134(2):96-9 (Eng. Abstr.) **(Rus)**

INNERVATION

Free amino acids in the spinal cord, ganglia and ischiadic nerve of the dog after ligature of the abdominal aorta Martiniak J, et al. **Act Nerv Super (Praha)** 1984 Sep; 26(3):202-5

PATHOLOGY

Malignant degeneration of hereditary multiple exostosis: a case history. Foreman SM, et al. **J Manipulative Physiol Ther** 1984 Dec;7(4):267-73

PHYSIOLOGY

An objective study of the dimensions of the ischial pressure point and its correlation to the occurrence of a pressure sore. Dhami LD, et al. **Br J Plast Surg** 1985 Apr;38(2):243-51

Pressure measurement on the ischial tuberosity of the human body in sitting position and evaluation of the pressure relieving effect of various cushions. Yang BJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):692-8

RADIOGRAPHY

Aneurysmal bone cyst of the ischium. Cisneros AJ, et al. **Int Orthop** 1985;9(1):49-54

[A case of osteopoikilosis] Mironski E, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):573-5 (Eng. Abstr.) **(Pol)**

SURGERY

[Ischiectomy in paraplegic patients. Apropos of 75 cases] Lermusiaux P, et al. **Ann Chir Plast Esthet** 1985;30(2):166-70 (Eng. Abstr.) **(Fre)**

ISETHIONIC ACID see under **ALKYL SULFONATES**

ISLAM

Jewish and Moslem aspects of in vitro fertilization and embryo transfer. Schenker JG. **Ann NY Acad Sci** 1985;442:601-7

Cancer in Indian Moslems. Jussawalla DJ, et al. **Cancer** 1985 Mar 1;55(5):1149-58

Socio-religious factors affecting the breast-feeding performance of women in the Yemen Arab Republic. Beckerleg S. **Hum Nutr Appl Nutr** 1984 Oct;38(5):368-76

Glucose-6-phosphate dehydrogenase deficiency, thalassaemia & abnormal haemoglobins in Bohra Muslims. Jain RC, et al. **Indian J Med Res** 1984 Jun;79:789-91

Rural-urban differentials in marital fertility in four Muslim populations. Ahmad S. **J Biosoc Sci** 1985 Apr;17(2):157-66

Factors affecting fertility in four Muslim populations: a multivariate analysis. Ahmad S. **J Biosoc Sci** 1985 Jul;17(3):305-16

Trends and differentials in Moslem fertility. A comment. Jones GW. **J Biosoc Sci** 1985 Jul;17(3):371-2

Pharmacological significance of plants and herbs used in Islamic medicine. Akhtar MS. **JPMA** 1985 Jan;35(1):28-34

Leprosy--the Moslem attitude. Ahmed Mohamed HA. **Lepr Rev** 1985 Mar;56(1):17-21

Trends in Moslem fertility and the application of the demographic transition model. Nagi MH. **Soc Biol** 1983 Fall;30(3):245-62

[Ritual slaughtering in the Netherlands] **Tijdschr Diergeneeskd** 1984 Dec 15;109(24):1061-2 **(Dut)**

ISLAND FLAPS see **SURGICAL FLAPS**

ISLANDS OF LANGERHANS

Islet isolation from atrophied pancreas after short-term duct ligature--evidence for normal in vitro release of insulin and somatostatin. Bodziony J, et al. **Horm Metab Res** 1985 Jun;17(6):314-6

A rare malignant ovarian mixed germ cell tumor containing pancreatic tissue with islet cells. Ueda G, et al. **Int J Gynecol Pathol** 1984;3(2):220-31

[Morphofunctional changes in the endocrine system of the pancreas after surgical procedures on the stomach] Adamenko IA. **Khirurgiia (Mosk)** 1984 Sep;(9):53-6 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Surgical management of persistent neonatal hypoglycemia due to islet cell dysplasia. Langer JC, et al. **J Pediatr Surg** 1984 Dec;19(6):786-92

The Smith-Lemli-Opitz syndrome. A detailed pathological study as a clue to a etiological heterogeneity. Cherstvoy ED, et al. **Virchows Arch [A]** 1984;404(4):413-25

ANALYSIS

Pancreatic ganglioneuronal amyloid. Occurrence in diabetic cats with islet amyloidosis. O'Brien TD, et al. **Am J Pathol** 1985 Jun;119(3):430-5

Energy dispersive X-ray microanalysis of zinc and calcium in organelles of insulin-producing cells of the mouse, rat, and a fish. Falkmer S, et al. **Biomed Biochim Acta** 1985;44(1):37-43

Demonstration of respiratory pigments in clonal insulin-producing beta-cells. Grapengiesser E, et al. **Biomed Biochim Acta** 1985;44(1):49-54

Proton microprobe analysis of pancreatic beta-cells. Lindh U, et al. **Biomed Biochim Acta** 1985;44(1):55-61

Peptide YY (PYY) immunoreactivity is co-stored with glucagon-related immunoreactants in endocrine cells of the gut and pancreas. Ali-Rachedi A, et al. **Histochemistry** 1984;80(5):487-91

Detection of glucagon in pancreatic A-cells by monoclonal antibodies. Metz J, et al. ***Histochemistry*** *1985;82(4):357-61*

Identification and characterization of calmodulin-binding proteins in islet secretion granules. Watkins D, et al. **J Biol Chem** 1985 Apr 25;260(8):5161-5

Corticotropin-releasing factor (CRF)-like immunoreactivity in the gastro-entero-pancreatic endocrine system. Petrusz P, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:71-8

[A study on salivary peptide P-C with special reference to intracellular localization of salivary peptide P-C like immunoreactivity in the human pancreatic B-cells] Ito S, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1080-90 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Cold storage (8 C) of islets of Langerhans in a high-potassium 'intracellular medium': near-normal insulin release and morphology after one week. Frankel BJ, et al. **J Endocrinol Invest** 1985 Feb;8(1):59-62

BLOOD SUPPLY

Dissociation between pancreatic islet blood flow and insulin release in the rat. Jansson L. **Acta Physiol Scand** 1985 Jun;124(2):223-8

Relation between blood flow and morphology in islet organ of rat pancreas. Lifson N, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E43-8

The blood flow to the pancreas and the islets of Langerhans during an intraperitoneal glucose load in the rat. Jansson L. **Diabetes Res** 1984 Jul;1(2):111-4

Pancreatic islet circulation in relation to the diabetogenic action of streptozotocin in the rat. Jansson L, et al. **Endocrinology** 1985 Mar;116(3):896-900

A morphometric study of the endocrine and exocrine capillaries of the pancreas. Henderson JR, et al. **Q J Exp Physiol** 1985 Jul;70(3):347-56

CYTOLOGY

New views on the identification of the various cell types in the pancreatic islets of the rat. An ultrastructural and morphometrical study. Bani Sacchi T, et al. **Acta Anat (Basel)** 1985;122(1):1-17

Effects of short-term thyroxine treatment on pancreatic cytology and responses of blood sugar, serum insulin and serum free fatty acids to epinephrine infusion. Renauld A, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):219-34

Distribution and morphology of somatostatin cells. Larsson LI. **Adv Exp Med Biol** 1985;188:383-402

Langerhans' versus Langhans' cells [letter] Hajdu I. **Am J Clin Pathol** 1985 Sep;84(3):412

Injectable microencapsulated islet cells as a bioartificial pancreas. Sun AM, et al. **Appl Biochem Biotechnol** 1984;10:87-99

Functional and metabolic characteristics of dissociated mouse pancreatic islet cells in suspension. Campbell IL. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):139-46

Purification of beta cells from rat islets by monoclonal antibody-fluorescence flow cytometry. Russell TR, et al. **Cytometry** 1984 Sep;5(5):539-42

Long-term follow-up of canine segmental pancreatic autografts. Cutfield RG, et al. **Diabetes** 1985 Feb;34(2):174-8

A method for isolation of islets of Langerhans from the human pancreas. Gray DW, et al. **Diabetes** 1984 Nov;33(11):1055-61

Structure, function, and immune properties of reassociated islet cells. Shizuru J, et al. **Diabetes** 1985 Sep;34(9):898-903

Effect of genetic background on the capacity for islet cell replication in mice. Swenne I, et al. **Diabetologia** 1984 Oct;27(4):464-7

Maintenance of pancreatic endocrine cells of the neonatal rat: IV. The effect of 3-amino-3-deoxyglucose. Wakabayashi S, et al. **Endocrinol Jpn** 1984 Oct;31(5):657-64

A new in vitro model for the study of pancreatic A and B cells. Pipeleers DG, et al. **Endocrinology** 1985 Sep;117(3):806-16

Morphological and functional effects of extracellular matrix on pancreatic islet cell cultures. Thivolet CH, et al. **Exp Cell Res** 1985 Aug;159(2):313-22

Rat pancreatic islet cells in primary culture: occurrence of giant cells amenable to patch clamping. Mathers DA, et al. **Experientia** 1985 Jan 15;41(1):116-8

Islet cell interactions with pancreatic B-cells. Pipeleers D. **Experientia** 1984 Oct 15;40(10):1114-26 (107 ref.)

Cytosolic free Ca2+ in insulin secreting cells and its regulation by isolated organelles. Prentki M, et al. **Experientia** 1984 Oct 15;40(10):1052-60 (105 ref.)

Modulation of rat pancreatic islet cell replication and insulin release by glibenclamide. Khatim MS, et al. **FEBS Lett** 1984 Nov 5;177(1):135-7

The culture of human foetal pancreas as a method of tissue preservation: a quantitative immunocytochemical investigation. von Dorsche HH, et al. **Histochem J** 1985 May;17(5):552-4

A monoclonal antibody detecting neural and neuroendocrine differentiation. Sappino AP, et al. **J Histochem Cytochem** 1984 Oct;32(10):1041-7

Pancreatic islets of variable size--insulin secretion and glucose utilization. Colella RM, et al. **Life Sci** 1985 Sep 16;37(11):1059-65

Morphological and functional characteristics of islets neoformed during tissue culture of fetal rat pancreas. *Mourmeaux JL, et al.* **Mol Cell Endocrinol** 1985 Mar;39(3):237-46

Immunocytochemical localization of the pancreatic islet cells in the Japanese quail, Coturnix coturnix japonica. Mikami S, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):357-69

[A new method for preparation of islet cells from dogs] Horaguchi A, et al. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):209-15 (Eng. Abstr.) **(Jpn)**

[Age and changes in the proportions of cells in the pancreatic islets of the human pancreas] Ageev AK. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):57-62 (Eng. Abstr.) **(Rus)**

[New aspects of the preservation of beta cells from the human fetal pancreas by means of regular passages] Basmadzhian ME, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):491-3 (Eng. Abstr.) **(Rus)**

[Cytological and insulin-producing characteristics of cultures of pancreatic islet cells from newborn piglets] Komissarenko VP, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):65-8 (Eng. Abstr.) **(Rus)**

[Comparative histochemical study of insulinocytes and Paneth cells] Toroptsev IV, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):65-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Growth and function of the pancreatic beta cell in vitro: effects of glucose, hormones and serum factors on mouse, rat and human pancreatic islets in organ culture. Nielsen JH. **Acta Endocrinol [Suppl] (Copenh)** 1985;266:1-39

Degranulation effect of ferric nitrilotriacetate (Fe3+-NTA) on the pancreatic islet beta-cells: its acute toxic effect on glucose metabolism. Yamanoi Y, et al. **Acta Med Okayama** 1984 Oct;38(5):423-37

Selective blockage by islet-activating protein, pertussis toxin, of negative signal transduction from receptors to adenylate cyclase. Ui M, et al. **Adv Exp Med Biol** 1984;175:1-16

Control of secretion vesicle margination and lysis by glucose, IBMX, and glyburide. Draznin B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E375-80

Corticotropin-releasing factor inhibits insulin release from perfused rat pancreas. Moltz JH, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E741-3

Enflurane and adenosine 3',5'-cyclic monophosphate metabolism in pancreatic islets. Ewart RB, et al. **Anesth Analg** 1985 Jan;64(1):18-22

The mechanism of gentamicin-inhibited insulin release by isolated islets. Boschero AC, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):167-76

The effect of digitoxose on insulin release, glucose oxidation and oxygen consumption by islets of lean and genetically obese diabetic (ob/ob) mice. Hussain M, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):358-67

A new method for the simultaneous estimation of phosphate efflux and influx during glucose stimulation of isolated pancreatic islets. Johnson RC, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):862-7

The phorbol ester, 12-O-tetradecanoylphorbol-13-acetate enhances the long-term maintenance of pancreatic islet B cell differentiated function in tissue culture. Schwizer RW. **Biochem Biophys Res Commun** 1985 May 16;128(3):1315-21

Glucose increases cytosolic Ca2+ activity in pancreatic islet cells. Deleers M, et al. **Biochem Int** 1985 Jan;10(1):97-103

Effects of metabolic inhibitors on the distribution of 45-Ca in subcellular fractions from pancreatic islets. Nygren P, et al. **Biochem Int** 1985 Jun;10(6):881-8

Effect of epinephrine and norepinephrine on immuno-reactive insulin secretion from isolated islets of Langerhans. Mukherjee B, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):985-7

Studies on the mechanism by which melittin stimulates insulin secretion from isolated rat islets of Langerhans. Morgan NG, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):526-32

The effects of cesium chloride on insulin release, ionic fluxes and membrane potential in pancreatic B-cells. Paolisso G, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):200-8

Effect of ritodrine on the maternal and fetal endocrine pancreas of the rat. Aerts L, et al. **Biol Neonate** 1985;47(2):107-12

The encapsulation of pancreatic islets. Investigation of insulin secretion and content in vitro. Braun K, et al. **Biomed Biochim Acta** 1985;44(1):143-7

The effects of subdiabetogenic streptozotocin doses on rat beta cell volume and functions. Lucke S, et al. **Biomed Biochim Acta** 1985;44(1):167-71

The role of poly(ADP-ribose) synthetase in the development of insulin-dependent diabetes and islet B-cell regeneration. Okamoto H. **Biomed Biochim Acta** 1985;44(1):15-20

Calcitonin and the human endocrine pancreas. Giugliano D. **Biomed Pharmacother** 1984;38(5):273-7

Studies on xylitol-induced insulin secretion in vitro. Khalid Q, et al. **Biomed Pharmacother** 1984;38(3):175-8

Therapeutic and diabetogenic potential of two newly synthesized nitrosoureido sugars. Bernacki RJ, et al. **Cancer Res** 1985 Feb;45(2):695-702

Metabolic and secretory effects of methylamine in pancreatic islets. Gomis R, et al. **Cell Biochem Funct** 1984 Jul;2(3):161-6

Stimulation by cholera toxin of ADP-ribosylation of membrane proteins, adenylate cyclase and insulin release in pancreatic islets. Svoboda M, et al.

Cell Biochem Funct 1985 Jan;3(1):25-32

Insulin secretion: combined tolbutamide, forskolin and TPA mimic action of glucose. Zawalich W, et al. **Cell Calcium** 1984 Dec;5(6):551-8

Effects of glucose and D-3-hydroxybutyrate on human pancreatic islet cell function. Rhodes CJ, et al. **Clin Sci** 1985 May;68(5):567-72

Alloxan-induced free radical production in isolated cells. Selective effect on islet cells. Asayama K, et al. **Diabetes** 1984 Oct;33(10):1008-11

Stimulation of insulin secretion from isolated rat islets by SaRI 59-801. Relation to cAMP concentration and Ca2+ uptake. Hanson RL, et al. **Diabetes** 1985 Jul;34(7):691-5

Chlorozocin. A diabetogenic analogue of streptozocin with dissimilar mechanisms of action on pancreatic beta cells. Mossman BT, et al. **Diabetes** 1985 Jun;34(6):602-10

Nicotinamide does not protect islet B-cell metabolism against alloxan toxicity. Sandler S, et al. **Diabetes** 1984 Oct;33(10):937-43

Arginine-induced dispersion of cells from neonatal rat islets of Langerhans. Arslanian SA, et al. **Diabetes Res** 1984 Sep;1(3):165-9

Long-term effects of cyclosporin A on cultured mouse pancreatic islets. Andersson A, et al. **Diabetologia** 1984 Jul;27 Suppl:66-9

Ciglitazone, a new hypoglycaemic agent. 4. Effect on pancreatic islets of C57BL/6J-ob/ob and C57BL/KsJ-db/db mice. Diani AR, et al. **Diabetologia** 1984 Aug;27(2):225-34

Evidence for a direct action of exogenous insulin on the pancreatic islets of diabetic mice: islet response to insulin pre-incubation. Gordon C, et al. **Diabetologia** 1985 May;28(5):291-4

Effect of iodoacetic acid on maintenance of pancreatic endocrine cells of the neonatal rat. Shimizu S, et al. **Endocrinol Jpn** 1984 Jun;31(3):253-61

Insulin release in aging: dynamic response of isolated islets of Langerhans of the rat to D-glucose and D-glyceraldehyde. Molina JM, et al. **Endocrinology** 1985 Feb;116(2):821-6

Stimulation of protein kinase C and insulin release by 1-oleoyl-2-acetyl-glycerol. Malaisse WJ, et al. **Eur J Biochem** 1985 May 15;149(1):23-7

Gap junctions between pancreatic B-cells are modulated by cyclic AMP. in 't Veld P, et al. **Eur J Cell Biol** 1985 Mar;36(2):269-76

Differential effects of the K+ channel blockers apamin and quinine on glucose-induced electrical activity in pancreatic beta-cells from a strain of ob/ob (obese) mice. Rosario LM. **FEBS Lett** 1985 Sep 2;188(2):302-6

Comparative inhibitory effects of pirenzepine and atropine on cholinergic stimulation of exocrine and endocrine rat pancreas. Otsuki M, et al. **Gastroenterology** 1985 Aug;89(2):408-14

Effect of cyclosporin-A on insulin secretion in vitro. Laube F, et al. **Horm Metab Res** 1985 Jan;17(1):43-4

Resistance to aminooxyacetate of the ionic response to tolbutamide in pancreatic islets. Lebrun P, et al. **Horm Metab Res** 1984 Jun;16(6):322-4

Enhancement of insulin release and islet cell calcium content by an acyl-amino-alkyl benzoic acid derivative, HB 699. Puech R, et al. **Horm Metab Res** 1985 Jan;17(1):1-4

Effect of short-term peroral administration of synthetic trypsin inhibitor on endocrine secretion in the isolated perfused rat pancreas. Sakamoto C, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:7-10

Effect of 2-deoxy-D-glucose on maintenance in culture of neonatal B cell of rat. Yoshida K, et al. **In Vitro** 1984 Oct;20(10):756-62

Effects of some drugs on islet function in catfish. Bhatt SD, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):200-5

Morphological and immunocytochemical study of rat pancreatic beta cell changes induced by cyclizine. Hanai N. **J Appl Toxicol** 1984 Dec;4(6):308-14

Effects of cysteamine and antibody to somatostatin on islet cell function in vitro. Evidence that intracellular somatostatin deficiency augments insulin and glucagon secretion. Patel YC, et al. **J Clin Invest** 1985 Apr;75(4):1249-55

Effects of alloxan on the islets of Langerhans: stimulation and inhibition of cyclic AMP production. Borg LA, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(4):361-9

Maintenance of neonatal rat B cells in glucose-depleted medium: effect of medium with galactose and 2-deoxyglucose. Wakabayashi S, et al. **J Endocrinol** 1984 Dec;103(3):377-81

Failure of glucose to affect 86rubidium efflux and 45calcium uptake of fetal rat pancreatic islets. Ammon HP, et al. **J Physiol (Lond)** 1985 Jan;358:365-72

Prolactin regulation of prolactin binding sites in pancreatic islets and adrenal glands of ovariectomized rats. Tesone M, et al. **J Recept Res** 1983-84;3(6):711-26

Islet cell isolation in experimental d,l-ethionine pancreatitis in dogs. Cobb LF, et al. **J Surg Res** 1985 Mar;38(3):272-80

Effects of a thiazide diuretic (hydroflumethiazide) and a loop diuretic (bumetanide) on the endocrine pancreas: studies in vitro. Hermansen K, et al. **Metabolism** 1985 Aug;34(8):784-9

Mebendazole and insulin secretion from isolated rat islets. Owen OE, et al. **Metabolism** 1985 Jun;34(6):567-70

The stimulus-secretion coupling of amino acid-induced insulin release. Inhibition of islet respiration and insulin release by aminooxyacetate. Welsh M, et al. ***Mol Cell Biochem*** *1984 Aug;63(1):33-7*

Potentiation of glucose-induced insulin release by thiourea and thiourea derivatives. Ammon HP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep;327(3):234-7

3-Hydroxykynurenine, 3-hydroxyanthranilic acid, and o-aminophenol inhibit leucine-stimulated insulin release from rat pancreatic islets. Rogers KS, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):275-8

Electrophysiological evidence for the inhibition of potassium permeability in pancreatic beta-cells by glibenclamide. Ferrer R, et al. **Q J Exp Physiol** 1984 Oct;69(4):831-9

Evidence for glucose stimulation of intracellular buffering of calcium in the pancreatic beta-cell. Hellman B, et al. **Q J Exp Physiol** 1984 Oct;69(4):867-74

Effects of salicylate on insulin and glucagon secretion by the isolated and perfused rat pancreas. García C, et al. **Rev Esp Fisiol** 1984 Dec;40(4):477-81

Histidyl-proline diketopiperazine [cyclo(His-Pro)]: a new neuropeptide modulator of insulin and glucagon secretion. Wilber JF, et al. **Trans Assoc Am Physicians** 1984;97:88-94

[The effect of oral synthetic protease inhibitor (FOY 305) on endocrine pancreas and carbohydrate and lipid metabolism in normal and streptozotocin-induced diabetic rats] Eto M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):684-95 (Eng. Abstr.) **(Jpn)**

[Effect of gluco- and mineralocorticoids on the structure and function of the insular apparatus of the pancreas in representatives of different classes of vertebrates] Poliakova TI. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):62-70 (Eng. Abstr.) **(Rus)**

[Effect of estrogens on insulin biosynthesis and secretion by isolated islands of Langerhans from rats] Poltorak VV. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):49-52 (Eng. Abstr.) **(Rus)**

[Effect of thyroliberin on pancreatic islet cell function in rats] Fedotov VP, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):63-5 (Eng. Abstr.) **(Rus)**

[Effect of somatotropin and prolactin on functional activity and proliferation of cultured islet cells of newborn rats] Sadovnikova NV, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):52-5 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Effects of prolonged maternal fast on the pancreas of 18-21-day-old foetal rats. Ultrastructural and morphometric study of the beta cells. Perrier-Barta H. **Cell Tissue Res** 1984;237(1):169-79

Glucose-stimulated DNA replication of the pancreatic islets during the development of the rat fetus. Effects of nutrients, growth hormone, and triiodothyronine. Swenne I. **Diabetes** 1985 Aug;34(8):803-7

The fetal endocrine pancreas. Van Assche FA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):267-72

Effects of steroid hormones on DNA synthesis and insulin production of isolated foetal rat pancreatic islets in tissue culture. Khatim MS, et al. **Med Biol** 1984;62(3):210-3

ENZYMOLOGY

Do hypoglycemic sulfonylureas inhibit Na+,K+-ATPase activity in pancreatic islets? Lebrun P, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E491-9

Calcium-activated, phospholipid-dependent protein kinase in pancreatic acinar cells. Noguchi M, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G692-701

Protein kinase C activity in pancreatic islets: effects of Ca2+, calmodulin and retinoic acid. Hubinont CJ, et al. **Biochem Int** 1985 Apr;10(4):577-84

Substrates for cyclic AMP-dependent protein kinase in islets of Langerhans. Studies with forskolin and catalytic subunit. Christie MR, et al. **Biochem J** 1985 May 1;227(3):727-36

Hexose metabolism in pancreatic islets. Inhibition of hexokinase. Giroix MH, et al. **Biochem J** 1984 Oct 15;223(2):447-53

A micromethod for the assay of aldose reductase, its application to pancreatic islets. Dufrane SP, et al. **Biochem Med** 1984 Aug;32(1):99-105

Activation of pancreatic islet myosin ATPase by ATP and actin. MacDonald MJ, et al. **Biochem Med** 1985 Jun;33(3):362-6

Phosphoenolpyruvate carboxykinase in mouse pancreatic islets. ATP-induced changes in sensitivity to Mn2+ activation. Hedeskov CJ, et al. **Biochim Biophys Acta** 1984 Nov 23;791(1):37-44

Specificity of inhibition of calcium- and calmodulin-dependent protein kinase by alloxan. Norling LL, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):197-205

Arachidonic acid metabolism in isolated pancreatic islets. IV. Negative ion-mass spectrometric quantitation of monooxygenase product synthesis by liver and islets. Turk J, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):1-17

Hexose metabolism in pancreatic islets: phosphoglycerate 2,3-mutase and enolase activities in rat islets. Malaisse-Lagae F, et al. **Biochimie** 1984 Nov-Dec;66(11-12):723-5

Do pancreatic islets contain significant amounts of phosphoenolpyruvate carboxykinase or ferroactivator activity? MacDonald MJ, et al. **Diabetes** 1985 Mar;34(3):246-50

Role of transglutaminase in insulin release. Study with glycine and sarcosine methylesters. Sener A, et al. **Endocrinology** 1985 Jul;117(1):237-42

Localization of copper-zinc superoxide dismutase in the endocrine pancreas. Crouch RK, et al. **Exp Mol Pathol** 1984 Dec;41(3):377-83

Alterations in mitochondrial aconitase activity and respiration, and in concentration of citrate in some organs of mice with experimental or genetic diabetes. Boquist L, et al. **FEBS Lett** 1985 Apr 8;183(1):173-6

Selective localization of calpain I (the low-Ca2+-requiring form of Ca2+-dependent cysteine proteinase) in B-cells of human pancreatic islets. Kitahara A, et al. **FEBS Lett** 1985 May 6;184(1):120-4

2-5A-dependent endoribonuclease activity and effects of A2'p5'A2'p5'A (2-5A core) in mouse pancreatic islets. Rhodes CJ, et al. **FEBS Lett** 1985 Jan 21;180(1):69-73

Effect of pregnancy upon the activity of protein kinases A and C in rat pancreatic islets. Hubinont CJ, et al. **Horm Metab Res** 1985 Feb;17(2):104

Activation of probable proinsulin-converting enzymes in pancreatic islets: its correlationship with rate of insulin biosynthesis. Chatterjee AK, et al. **Indian J Exp Biol** 1984 Aug;22(8):435-8

Lysosomal enzyme activities in pancreatic islets from normal and obese hyperglycemic mice. Lundquist I. **Metabolism** 1985 Jan;34(1):1-9

Inhibition of transglutaminase by hypoglycaemic sulphonylureas in pancreatic islets and its possible relevance to insulin release. Gomis R, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):331-49

IMMUNOLOGY

Islet cell autoantibodies and insulin-dependent (type I) diabetes mellitus. Yeo PP. **Ann Acad Med Singapore** 1985 Apr;14(2):343-6 (21 ref.)

Autoimmunity to islet cells in diabetes mellitus. Powers AC, et al. **Annu Rev Med** 1985;36:533-44 (43 ref.)

Virus infection islet cell antibodies and islet cell function in type I diabetes mellitus. Helmke K, et al. **Behring Inst Mitt** 1984 Jul;(75):73-82

Cell mediated immunity to islet cells: lessons from animal studies. Kolb H, et al. **Behring Inst Mitt** 1984 Jul;(75):33-8

Islet cell antibodies and cellular immunity in human diabetes. Papadopoulos G, et al. **Behring Inst Mitt** 1984 Jul;(75):50-7 (48 ref.)

Lack of strong association between residual human C-peptide secretion and islet cell antibodies, complement-dependent antibody-mediated cytotoxicity, and HLA antigens in newly diagnosed type I diabetics. Michaelis D, et al. **Biomed Biochim Acta** 1985;44(1):99-106

Effect of islet cell surface antibodies on neonatal rat pancreatic islet cells or isolated islets of Langerhans in vitro. Schröder D, et al. **Biomed Biochim Acta** 1985;44(1):107-15

Flow cytometric analysis of monoclonal islet cell surface antibodies reacting with RINm5AH insulinoma cells. Vissing H. **Biomed Biochim Acta** 1985;44(1):123-7

Complement-dependent cytotoxicity of monoclonal antibodies against islet cells. Witt S, et al. **Biomed Biochim Acta** 1985;44(1):117-21

Predominance of T lymphocytes in pancreatic islets and spleen of pre-diabetic non-obese diabetic (NOD) mice: a longitudinal study. Miyazaki A, et al. **Clin Exp Immunol** 1985 Jun;60(3):622-30

Time course of islet cell antibodies in diabetic and nondiabetic BB rats. Laborie C, et al. **Diabetes** 1985 Sep;34(9):904-10

Lymphoid cells of BB/W diabetic rats are cytotoxic to islet beta cells in vitro. MacKay P, et al. **Diabetes** 1985 Jul;34(7):706-9

'Cytoplasmic' islet cell antibodies. Evidence that the target antigen is a sialoglycoconjugate. Nayak RC, et al. **Diabetes** 1985 Jun;34(6):617-9

Anti-islet cellular and humoral immunity, T-cell subsets, and thymic function in type I diabetes. Quiniou-Debrie MC, et al. **Diabetes** 1985 Apr;34(4):373-9

Assay for islet cell antibodies. Protein A--monoclonal antibody method. Srikanta S, et al. **Diabetes** 1985 Mar;34(3):300-5

Cytotoxic islet cell surface antibodies (ICSA) in patients with type I diabetes and their first-degree relatives. Toguchi Y, et al. **Diabetes** 1985 Sep;34(9):855-60

In vitro inhibition of insulin release mediated by sera with complement-fixing islet cell antibodies belonging to normal first degree relatives of patients with type 1 diabetes. Sensi M, et al. **Diabetes Res** 1985 Jan;2(1):1-4

Multiple reactivities of cytotoxic monoclonal antibodies against pancreatic islet cells. Suzuki M, et al. **Diabetes Res** 1984 Nov;1(4):179-81

A beta-cell glycoprotein of Mr 40 000 is the major rat islet cell immunogen following xenogenic immunisation. Baekkeskov S, et al. **Diabetologia** 1984 Jul;27 Suppl:70-3

Congenital rubella syndrome as a model for type 1 (insulin-dependent) diabetes mellitus: increased prevalence of islet cell surface antibodies. Ginsberg-Fellner F, et al. **Diabetologia** 1984 Jul;27 Suppl:87-9

Correlation of islet cell antibodies and HLA-DR phenotypes with diabetes mellitus in adults. Gleichmann H, et al. **Diabetologia** 1984 Jul;27 Suppl:90-2

Non-obese-diabetic mice: immune mechanisms of pancreatic beta-cell destruction. Kanazawa Y, et al. **Diabetologia** 1984 Jul;27 Suppl:113-5

Molecular biology of type 1 (insulin-dependent) diabetes mellitus. Lernmark A. **Diabetologia** 1985 Apr;28(4):195-203 (93 ref.)

Immunological aspect of non-obese diabetic mice: immune islet cell-killing mechanism and cell-mediated immunity. Maruyama T, et al. **Diabetologia** 1984 Jul;27 Suppl:121-3

Evidence of delayed beta-cell destruction in type 1 (insulin-dependent) diabetic patients with persisting complement-fixing cytoplasmic islet cell antibodies. Mustonen A, et al. **Diabetologia** 1984 Oct;27(4):421-6

Antibodies spontaneously bound to islet cells in diabetic C57BL/KsJ db/db mice. Sai P, et al. **Diabetologia** 1984 Jul;27 Suppl:139-42

Severe hyperglycaemia caused by autoimmunization to beta cells in rats. Ziegler M, et al. **Diabetologia** 1984 Jul;27 Suppl:163-5

MHC class II antigen expression on the various cells of normal and activated isolated pancreatic islets. Ulrichs K, et al. **Diagn Immunol** 1985;3(1):47-55

Cortisone fails to affect levels of islet cell surface antibodies and incidence of diabetes in the BB rat. Dyrberg T, et al. **Endocrinology** 1985 Jan;116(1):47-50

The frequency of islet cell surface antibodies and antibody-dependent cell-mediated cytotoxicity (ADCC) of mononuclear cells in HLA-typed patients with high diabetes risk. Rjasanowski I, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):70-4

Islet transplantation in experimental diabetes of the rat. IX. In vitro culture reduces Ia-bearing cells in rat islets. Forsen JW, et al. **Horm Metab Res** 1984 Dec;16(12):671-2

Monoclonal anti-islet cell autoantibodies from C57BLKsJ db/db diabetic mice. Sai P, et al. **Hybridoma** 1984 Summer;3(2):131-9

Autoimmune T-lymphocytes with specificity for pancreatic islet antigens. Kolb H, et al. **Immunol Lett** 1985;9(1):29-32

Detection of islet cell surface antibodies by an indirect rosette assay, using islet cells and Protein A-labeled sheep red blood cells. Maruyama S, et al. **J Immunol Methods** 1984 Nov 16;74(1):173-80

Disappearance and reappearance of islet cell cytoplasmic antibodies in cyclosporin-treated insulin-dependent diabetics. Mandrup-Poulsen T, et al. **Lancet** 1985 Mar 16;1(8429):599-602

In situ characterization of autoimmune phenomena and expression of HLA molecules in the pancreas in diabetic insulitis. Bottazzo GF, et al. **N Engl J Med** 1985 Aug 8;313(6):353-60

Insulin-dependent diabetes mellitus and autoimmunity: islet-cell autoantibodies, insulin autoantibodies, and beta-cell failure [letter] Soeldner JS, et al. **N Engl J Med** 1985 Oct 3;313(14):893-4

First-degree relatives of patients with type I diabetes mellitus. Islet-cell antibodies and abnormal insulin secretion. Srikanta S, et al. **N Engl J Med** 1985 Aug 22;313(8):461-4

Islet-cell antibodies in IDDM and NIDDM in a Japanese population. Kobayashi T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:271-4

A population survey of pancreatic islet cell antibodies and antithyroid antibodies. Notsu K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:261-3

A clinical profile of insulin-dependent diabetes with islet cell cytoplasmic and cell surface antibodies. Ohgawara H, et al. **Tohoku J Exp Med** 1984 Dec;144(4):369-75

Islet-cell cytoplasmic antibodies in Japanese diabetics. Shinjyo T, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:265-9

Autoantibodies to pancreatic islet cells in canine diabetes mellitus. Haines DM, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):149-56

Viral antigen in endocrine cells of the pancreatic islets and adrenal cortex of Pekin ducks infected with duck hepatitis B virus. Halpern MS, et al. **Virus Res** 1984;1(3):213-23

[Autoimmunity in the genesis of beta-pancreatic lesions] Doniach D, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:151-62 (47 ref.) **(Fre)**

[HLA-antigens and islet cell antibodies in type-1 diabetics of various age groups and their first-degree relatives] Spinas GA, et al. **Schweiz Med Wochenschr** 1985 Jan 12;115(2):48-54 (Eng. Abstr.) **(Ger)**

[Studies on the pathogenesis of type 1 diabetes mellitus--immunochemical studies with monoclonal islet cell surface antibody using hybridization of spleen lymphocytes from non-obese diabetic mice] Hari J. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):56-68 (Eng. Abstr.) **(Jpn)**

[Disorders of cellular immunity in insulin-dependent diabetes mellitus (type 1)] Korfel J. **Pol Tyg Lek** 1985 May 6;40(18):527-30 (48 ref.) **(Pol)**

INNERVATION

Innervation of the endocrine part of the pancreas of the Bulgarian rabbit as revealed by the cholinesterase technique. Purwar RS, et al. **Folia Morphol (Praha)** 1985;33(2):139-42

[Dysfunctions of the existing axis between the central nervous system and the endocrine pancreas in experimental and genetic obesity in the rodent] Jeanrenaud B, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:39-44 (20 ref.) **(Fre)**

METABOLISM

Ultracytochemical nuclear calcium distribution in pancreatic B cells: its relation to glucose-stimulated insulin secretion. Semino MC, et al. **Acta Anat (Basel)** 1985;121(4):230-6

Effect of age on Agaricus bisporus PHA-B stimulated insulin release and 45Ca2+ uptake in vitro by islets of Langerhans. Ahmad N, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):349-55

Pancreatic islet metabolism and redox state during stimulation of insulin secretion with glucose and fructose. Capito K, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):365-74

Influence of thiol groups, calcium, and glucose metabolism on cholinergic-induced insulin release and on methylscopolamine binding to muscarinic receptors in pancreatic islets of the rat. Grill V, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):355-60

Intracellular localization of salivary peptide P-C-like immunoreactivity in the human pancreatic B-cells. Ito S, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):119-29

Hormonal and non-hormonal protein biosynthesis in the pancreatic beta cell of the intact rat after prolonged hyperglycaemia. Logothetopoulos J, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):382-9

Vitamin D3 stimulates calcium-45 uptake by isolated mouse islets in vitro. Frankel BJ, et al. **Acta Physiol Scand** 1985 Jan;123(1):61-6

Different effects of glibenclamide and the structural analogue HB 699 on the 45Ca2+ uptake by ob/ob-mouse islets. Norlund L, et al. **Acta Physiol Scand** 1984 Oct;122(2):187-90

Proteolytic events in the post-translational processing of somatostatin precursors from rat brain cortex and anglerfish pancreatic islets. Cohen P, et al. **Adv Exp Med Biol** 1985;188:109-21

Post-translational processing of anglerfish islet somatostatin precursors. Noe BD, et al. **Adv Exp Med Biol** 1985;188:123-40

Anglerfish pancreatic islets produce two forms of somatostatin-28. Spiess J, et al. **Adv Exp Med Biol** 1985;188:141-54

Pancreatic islet hormone response to oral glucose in morbidly obese patients. Sirinek KR, et al. **Ann Surg** 1985 Jun;201(6):690-4

Enhanced de novo synthesis of phosphatidic acid and phosphatidylinositol in rat pancreatic islets exposed to nutrient or neurotransmitter stimuli. Best L, et al. **Arch Biochem Biophys** 1984 Oct;234(1):253-7

Effect of insulin secretagogues and potential modulators of secretion on a plasma membrane (Ca2+ + Mg2+)-ATPase activity in islets of Langerhans. Kotagal N, et al. **Arch Biochem Biophys** 1985 Apr;238(1):161-9

Effect of LN 5330 on insulin release and calcium uptake by isolated rat islets of Langerhans. Comparison with diazoxide. Manteghetti M, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):159-67

Ultrastructural distribution of glycogen in pancreatic islets of steroid diabetic rats. Graf R, et al. **Basic Appl Histochem** 1984;28(4):391-7

Functional GIP receptors in a hamster pancreatic beta cell line, In 111: specific binding and biological effects. Amiranoff B, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):671-6

Glucose inhibits insulin release when not promoting the entry of calcium into the beta-cells. Bergsten P, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):875-81

Effect of Bordetella pertussis toxin on ADP-ribosylation of membrane proteins, adenylate cyclase activity and insulin release in rat pancreatic islets. Malaisse WJ, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):190-6

Gating and blocking of calcium channels by dihydropyridines in the pancreatic B-cell. Malaisse-Lagae F, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1062-8

Endogenous release of hepoxilin A3 from isolated perifused pancreatic islets of Langerhans. Pace-Asciak CR, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):942-6

Anomeric dissociation between glucokinase activity and glycolysis in pancreatic islets. Sener A, et al. **Biochem Int** 1985 Jul;11(1):77-84

Protein phosphorylation in permeabilized pancreatic islet cells. Colca JR, et al. **Biochem J** 1985 Jun 15;228(3):529-36

Identification of functional insulin receptors on membranes from an insulin-producing cell line (RINm5F). Gazzano H, et al. **Biochem J** 1985 Mar 15;226(3):867-72

Participation of endogenous fatty acids in the secretory activity of the pancreatic B-cell. Malaisse WJ, et al. **Biochem J** 1985 May 1;227(3):995-1002

Effect of glucose on polyphosphoinositide metabolism in isolated rat islets of Langerhans. Montague W, et al. **Biochem J** 1985 Apr 15;227(2):483-9

Studies on the mechanism of inhibition of glucose-stimulated insulin secretion by noradrenaline in rat islets of Langerhans. Morgan NG, et al. **Biochem J** 1985 Mar 1;226(2):571-6

Studies on the role of inositol trisphosphate in the regulation of insulin secretion from isolated rat islets of Langerhans. Morgan NG, et al. **Biochem J** 1985 Jun 15;228(3):713-8

Effect of interferon and double-stranded RNA on B-cell function in mouse islets of Langerhans. Rhodes CJ, et al. **Biochem J** 1985 May 15;228(1):87-94

Effects of monensin on metabolism of isolated rat islets of Langerhans. Smith JE, et al. **Biochem J** 1984 Oct 15;223(2):423-32

The digitonin-permeabilized pancreatic islet model. Effect of myo-inositol 1,4,5-trisphosphate on Ca2+ mobilization. Wolf BA, et al. **Biochem J** 1985 May 1;227(3):965-9

Sparteine increases insulin release by decreasing the K+ permeability of the B-cell membrane. Paolisso G, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2355-61

Effects of starvation and different culture conditions on the phospholipid content of isolated pancreatic islets. Hallberg A. **Biochim Biophys Acta** 1984 Dec 6;796(3):328-35

The coupling of metabolic to secretory events in pancreatic islets. The possible role of glutathione reductase. Malaisse WJ, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):256-64

Cysteamine exerts multiple effects on the endocrine cells of the rat pancreas. Ostenson CG, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):242-7

Arachidonic acid metabolism in isolated pancreatic islets. III. Effects of exogenous lipoxygenase products and inhibitors on insulin secretion. Turk J, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):23-36

Glucose and phosphate modulation of intracellular 45Ca incorporated into pancreatic islets during culture in the absence and presence of serum. Bergsten P. **Biomed Biochim Acta** 1985;44(1):89-93

Diffusion of C-peptide but not proinsulin from islets in frozen sections of human pancreas identified by monoclonal antibodies. Madsen OD, et al. **Biomed Biochim Acta** 1985;44(1):133-6

Dissociation between insulin secretion and DNA synthesis in cultured pancreatic islets. Nielsen JH. **Biomed Biochim Acta** 1985;44(1):161-6

Use of digitonin permeabilization for characterization of calcium incorporated into beta-cells in response to glucose. Wesslen N. **Biomed Biochim Acta** 1985;44(1):95-8

Effects of monensin on biosynthesis and intracellular processing of proinsulin. Smith JE, et al. **Biosci Rep** 1984 Sep;4(9):737-42

Biochemical changes induced by Coxsackie B4 virus in short-term culture of mouse pancreatic islets. Szopa TM, et al. **Biosci Rep** 1985 Jan;5(1):63-9

Efflux of 86Rb from rat and mouse pancreatic islets: the role of membrane depolarization. Matthews EK, et al. **Br J Pharmacol** 1984 Nov;83(3):831-9

Effect of tetracaine and glibenclamide on 45Ca2+ handling by isolated pancreatic islets. Norlund L, et al. **Br J Pharmacol** 1985 May;85(1):127-32

Direct identification of prohormone conversion site in insulin-secreting cells. Orci L, et al. **Cell** 1985 Sep;42(2):671-81

A clathrin-coated, Golgi-related compartment of the insulin secreting cell accumulates proinsulin in the presence of monensin. Orci L, et al. **Cell** 1984 Nov;39(1):39-47

Interrelationships between somatostatin-like cells and other endocrine cells in the pancreas of some cartilaginous fish. Tagliafierro G, et al. **Cell Mol Biol** 1985;31(3):201-7

Catecholamine-containing pancreatic islet cells of the domestic fowl. Light, fluorescence and electron microscopy, and immunohistochemistry. Watanabe T, et al. **Cell Tissue Res** 1984;237(2):239-44

Mathematical modelling of stimulus-secretion coupling in the pancreatic B-cell. II. Calcium-stimulated calcium release. Scholler Y, et al. **Comput Programs Biomed** 1985;19(2-3):119-26

Glucose induced inhibition of radioactive nucleotide efflux from mouse pancreatic islets is dissociated from an increase in islet oxygen uptake. Welsh M, et al. **Diabete Metab** 1984 Oct;10(4):230-4

Cytosolic insulin-degrading activity in islet-derived tumor cell lines and in normal rat islets. Bhathena SJ, et al. **Diabetes** 1985 Feb;34(2):121-8

Effects of monensin on conversion of proinsulin to insulin and secretion of newly synthesized insulin in isolated rat islets. Gold G, et al. **Diabetes** 1984 Nov;33(11):1019-24

Neonatal rat islet cell cultures synthesize insulin-like growth factor I. Romanus JA, et al. **Diabetes** 1985 Jul;34(7):696-702

Localization of saturable CCK binding sites in rat pancreatic islets by light and electron microscope autoradiography. Sakamoto C, et al. **Diabetes** 1985 Apr;34(4):390-4

Effects of starvation on phospholipid metabolism of pancreatic islets. Hallberg A, et al. **Diabetes Res** 1984 Jul;1(2):105-10

Quinacrine accumulation in pancreatic islet cells of rat and mouse: relationship to functional activity and effects on basal and stimulated insulin secretion. Lundquist I, et al. **Diabetologia** 1985 Mar;28(3):161-6

Stimulation of insulin release by an organic calcium agonist. Malaisse WJ, et al. **Diabetologia** 1985 Mar;28(3):153-6

Effect of human lymphoblastoid interferon on insulin synthesis and secretion in isolated human pancreatic islets. Rhodes CJ, et al. **Diabetologia** 1984 Dec;27(6):601-3

Nutrient and hormone-neurotransmitter stimuli induce hydrolysis of polyphosphoinositides in rat pancreatic islets. Best L, et al. **Endocrinology** 1984 Nov;115(5):1814-20

Forskolin-induced activation of adenylate cyclase, cyclic adenosine monophosphate production and insulin release in rat pancreatic islets. Malaisse WJ, et al. **Endocrinology** 1984 Nov;115(5):2015-20

Evidence for and characterization of specific high affinity binding sites for the gastric inhibitory polypeptide in pancreatic beta-cells. Maletti M, et al. **Endocrinology** 1984 Oct;115(4):1324-31

Differential effects of viral infection on islet and pituitary cell lines. Maratos-Flier E, et al. **Endocrinology** 1985 Jun;

116(6):2430-7

Glucose exerts opposite effects on muscarinic receptor binding to A and B cells of the endocrine pancreas. Ostenson CG, et al. **Endocrinology** 1985 May;116(5):1741-4

Interplay of nutrients and hormones in the regulation of glucagon release. Pipeleers DG, et al. **Endocrinology** 1985 Sep;117(3):817-23

Interplay of nutrients and hormones in the regulation of insulin release. Pipeleers DG, et al. **Endocrinology** 1985 Sep; 117(3):824-33

Regulation of adenosine 3',5'-monophosphate levels in the pancreatic B cell. Schuit FC, et al. **Endocrinology** 1985 Sep; 117(3):834-40

Pancreatic hormone receptors on islet cells. Van Schravendijk CF, et al. **Endocrinology** 1985 Sep; 117(3):841-8

Hexose metabolism in pancreatic islets. The phosphorylation of fructose. Sener A, et al. **Eur J Biochem** 1984 Oct 15; 144(2):223-6

Inhibition of glucagon release of isolated islets of Langerhans by monoclonal antibodies. Ziegler M, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):47-52

Phospholipid metabolism in pancreatic islets. Best L, et al. **Experientia** 1984 Oct 15;40(10):1085-91 (86 ref.)

Bovine pituitary intraglandular colloid fraction F5 localized in the rat endocrine pancreas. Boyd WH. **Experientia** 1985 Jan 15;41(1):114-6

Interaction of sulfonylurea with the pancreatic B-cell. Gylfe E, et al. **Experientia** 1984 Oct 15;40(10):1126-34 (75 ref.)

Protein phosphorylation in the pancreatic B-cell. Harrison DE, et al. **Experientia** 1984 Oct 15;40(10):1075-84 (61 ref.)

Glucagon and pancreatic polypeptide immunoreactivities co-exist in a population of rat islet cells. Kaung HC. **Experientia** 1985 Jan 15;41(1):86-8

The effect of cyproheptadine on insulin biosynthesis. Kikkawa R, et al. **Experientia** 1985 Jan 15;41(1):80-2

Pentose cycle pathway in normal and tumoral islet cells. Giroix MH, et al. **FEBS Lett** 1985 Jun 3;185(1):1-3

Nutrient insulin secretagogues decrease 45Ca2+ efflux from islet cells by a mechanism other than the inhibition of the Na+-Ca2+ countertransport. Henquin JC, et al. **FEBS Lett** 1985 Jul 22;187(1):177-81

Distinct effects of acetylcholine and glucose on 45calcium and 86rubidium efflux from mouse pancreatic islets. Nenquin M, et al. **FEBS Lett** 1984 Oct 29;176(2):457-61

Insulin release independent of a rise in cytosolic free Ca2+ by forskolin and phorbol ester. Tamagawa T, et al. **FEBS Lett** 1985 Apr 22;183(2):430-2

Glucose phosphorylating activities in the islets of Langerhans of the rat. Effect of fasting. Bedoya FJ, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:11-5

Possible role of phosphatidylinositol turnover in insulin release from isolated rat pancreatic islets. Tanigawa K, et al. **Horm Metab Res** 1984 Sep;16(9):458-60

Maintenance of pancreatic endocrine cells of the neonatal rat: Part V--Effects of L-glutamine and metabolic intermediate. Kagawa S, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):217-21

Anglerfish preprosomatostatin II is processed to somatostatin-28 and contains hydroxylysine at residue 23. Andrews PC, et al. **J Biol Chem** 1984 Dec 25; 259(24):15021-4

Evidence for glucose-responsive and -unresponsive pools of phospholipid in pancreatic islets. Rana RS, et al. **J Biol Chem** 1985 Jul 5;260(13):7861-7

Nonconverted, amino acid analog-modified proinsulin stays in a Golgi-derived clathrin-coated membrane compartment. Orci L, et al. **J Cell Biol** 1984 Dec; 99(6):2187-92

Methylamines and islet function: cationic aspects. Lebrun P, et al. **J Endocrinol Invest** 1984 Aug;7(4):347-55

Direct insertion and fluorescence studies of rhodamine-labeled beta-adrenergic receptors in cell membranes. Cherksey BD, et al. **J Membr Biol** 1985; 84(2):105-16

High-conductance K+ channel in pancreatic islet cells can be activated and inactivated by internal calcium. Findlay I, et al. **J Membr Biol** 1985;83(1-2):169-75

Localization of somatostatin receptors in secretion vesicles in anterior pituitary cells and pancreatic islets. Draznin B, et al. **J Recept Res** 1985;5(1):83-103

Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats. Lüthy IA, et al. **J Recept Res** 1985;5(1):105-19

The sulphonylurea receptor may be an ATP-sensitive potassium channel. Sturgess NC, et al. **Lancet** 1985 Aug 31;2(8453):474-5

Interaction of gastric inhibitory polypeptide (GIP) with the insulin-secreting pancreatic beta cell line, In III: characteristics of GIP binding sites. Amiranoff B, et al. **Life Sci** 1985 Mar 4;36(9):807-13

The effect of different kinds of refeeding on islet glucose phosphorylating activities. Bedoya FJ, et al. **Metabolism** 1984 Dec;33(12):1097-101

Hexose metabolism in pancreatic islets. Galactose transport, phosphorylation and oxidation. Giroix MH, et al. **Mol Cell Biochem** 1985 Feb;66(1):61-4

Expression of both alpha 1- and alpha 2-adrenoceptors in an insulin-secreting cell line. Parallel studies of cytosolic free Ca2+ and insulin release. Ullrich S, et al. **Mol Pharmacol** 1985 Aug;28(2):100-6

Effect of forskolin on islet cyclic AMP, insulin secretion, blood glucose and intravenous glucose tolerance in rats. Ammon HP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):364-7

Pancreatic and hepatic response to carbohydrate ingestion. Waldhäusl WK, et al. **Neth J Med** 1985;28 Suppl 1:15-9 (35 ref.)

Adriamycin effects on insulin secretion, Ca2+ movements and glucose oxidation in pancreatic islet cells. Deleers M, et al. **Pharmacol Res Commun** 1985 Mar;17(3):227-32

Effects of L-dopa-induced dopamine accumulation on 45Ca2+ efflux and insulin secretion in isolated rat islets. Ahrén B, et al. **Pharmacology** 1985;30(2):71-82

Plasma and cellular retinoid-binding proteins and transthyretin (prealbumin) are all localized in the islets of Langerhans in the rat. Kato M, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2488-92

Glucose increases the synthesis of lipoxygenase-mediated metabolites of arachidonic acid in intact rat islets. Metz SA. **Proc Natl Acad Sci USA** 1985 Jan;82(1):198-202

(Pro)insulin associates with Golgi membranes of pancreatic B cells. Orci L, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6743-6

Activity of prostaglandin biosynthetic pathways in rat pancreatic islets. Kelly KL, et al. **Prostaglandins** 1984 Jun; 27(6):925-38

Presence of prostaglandin D2, E2 and F2 alpha in rat pancreatic islets. Horie H, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):39-44

Hepoxilin, a new family of insulin secretagogues formed by intact rat pancreatic islets. Pace-Asciak CR, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):173-80

The response of pancreatic beta-cell membrane potential to potassium-induced calcium influx in the presence of glucose. Dawson CM, et al. **Q J Exp Physiol** 1984 Oct; 69(4):819-30

Immunocytochemical location of thyrotropin-releasing hormone (TRH) in the B-cells of adult hypothyroid rat pancreas. Leduque P, et al. **Regul Pept** 1985 Apr; 10(4):281-92

The effect of total parenteral nutrition (TPN) on the enteroinsular axis in the rat. Pederson RA, et al. **Regul Pept** 1985 Mar;10(2-3):199-206

[Asymmetrical distribution of clathrin in the Golgi apparatus of polypeptide-secreting cells] Orci L, et al. **C R Acad Sci [III]** 1984;299(17):697-702 (Eng. Abstr.) **(Fre)**

[Quantitative histochemical study of pancreatic islets of sand rats (Psammomys obesus) in diabetes mellitus I. Cytophotometric measurement of insulin content] von Dorsche HH, et al. **Acta Histochem (Jena)** 1984; 75(2):199-203 (Eng. Abstr.) **(Ger)**

[Vasoactive intestinal polypeptide(VIP)- and insulin-producing cells--molecular biology, physiology and pathology] Okamoto H. **Nippon Naibunpi Gakkai Zasshi** 1984 Dec 20; 60(12):1449-63 **(Jpn)**

[The effect of 2-deoxy-2-fluoroglucose on the functional maturation of monolayer-cultured B cells of the neonatal rat] Wakabayashi S, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):592-604 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Type C retrovirus production by pancreatic beta cells. Association with accelerated pathogenesis in C3H-db/db ('Diabetes') mice. Leiter EH. **Am J Pathol** 1985 Apr; 119(1):22-32

A leukemia virus-related protein in the murine pancreas. Beattie GM, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):344-9

Virus-induced diabetes mellitus. No evidence for immune mechanisms in the destruction of beta-cells by the D-variant of encephalomyocarditis virus. Yoon JW, et al. **Diabetes** 1985 Sep;34(9):922-5

PATHOLOGY

Modulation of streptozotocin-induced insulitis and hyperglycaemia in the mouse. Sandler S, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar; 93(2):93-8

Nesidioblastosis and multifocal pancreatic islet cell hyperplasia in an adult. Clinicopathologic features and in vitro pancreatic studies. Campbell IL, et al. **Am J Clin Pathol** 1985 Oct;84(4):534-41

Islet morphology in type I diabetes. Gepts W. **Behring Inst Mitt** 1984 Jul;(75):39-41

The B cell mass at the clinical onset of type I diabetes. Klöppel G, et al. **Behring Inst Mitt** 1984 Jul;(75):42-9

Morphology of the endocrine pancreas in diabetic sand rat (Psammomys obesus). Petkov P, et al. **Cell Mol Biol** 1985; 31(2):61-74

Non-uniform distribution of islet amyloid in the pancreas of 'maturity-onset' diabetic patients. Clark A, et al. **Diabetologia** 1984 Nov;27(5):527-8

Diabetogenic action of alloxan-like compounds: cytotoxic effects of 5-hydroxy-pseudouric acid and dehydrouramil hydrate hydrochloride on rat pancreatic beta cells. Dominis M, et al. **Diabetologia** 1984 Sep;27(3):403-6

Morphological and functional changes of pancreatic B cells in cyclosporin A-treated rats. Helmchen U, et al. **Diabetologia** 1984 Sep;27(3):416-8

Mechanisms of streptozotocin- and alloxan-induced damage in rat B cells. Wilson GL, et al. **Diabetologia** 1984 Dec; 27(6):587-91

On the specificity of insulin staining by Victoria blue 4R. Wohlrab F, et al. **Histochem J** 1985 May;17(5):515-8

Cell proliferation in pancreatic islets of rat fetuses and neonates from normal and diabetic mothers. An in vitro and in vivo study. Reusens-Billen B, et al. **Horm Metab Res** 1984 Nov;16(11):565-71

Chronic insulitis after partial islet damage by passive insulin antibody transfer. Wrede G, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:97-101

Full pancreatic endocrine differentiation in a mediastinal teratoma. Bordi C, et al. **Hum Pathol** 1985 Sep;16(9):961-4

Pancreatic endocrine tissue in benign mediastinal teratoma. Dunn PJ. **J Clin Pathol** 1984 Oct;37(10):1105-9

Rat pancreatic beta-cells in protein deficiency: a study involving morphometric analysis and alloxan effect. Dixit PK, et al. **J Nutr** 1985 Mar;115(3):375-81

Secretory diarrhea with islet cell hyperplasia and increased immunohistochemical reactivity to serotonin. Nishiyama RH, et al. **Surgery** 1984 Dec;96(6):1038-44

Twin-to-twin pancreas transplantation: reversal and reenactment of the pathogenesis of type I diabetes. Sutherland DE, et al. **Trans Assoc Am Physicians** 1984; 97:80-7

Nesidioblastosis and intermediate cells in the pancreas of patients with hyperinsulinemic hypoglycemia. Bani D, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):19-32

Nesidioblastosis and islet cell changes related to endogenous hypergastrinemia. Bani Sacchi T, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):261-76

[Heterogeneity of pancreatic pathology in insulin-dependent diabetes] Gepts W, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:13-20 (40 ref.) **(Fre)**

[Quantitative histochemical studies of islands of Langerhans in the (Psammomys obesus) in the development of diabetes mellitus. II. Surface measurement of the islands] Hahn von Dorsche H, et al. **Gegenbaurs Morphol Jahrb** 1984; 130(5):671-5 (Eng. Abstr.) **(Ger)**

[Quantitative histological studies of pancreatic mast cells in sand rats (Psammomys obesus) during formation of a mellitus syndrome. 2. The islands of Langerhans] Hahn von Dorsche H. **Z Mikrosk Anat Forsch** 1984;98(3):369-74 (Eng. Abstr.) **(Ger)**

[Organic hypoglycemia of pancreatic origin (50 surgical cases)] Juvara I, et al. **Rev Chir [Chir]** 1983 Jul-Aug; 32(4):269-78 **(Rum)**

[Cellular composition of the islands of Langerhans in non-insulin-dependent diabetes mellitus] Ageev AK. **Klin Med (Mosk)** 1984 Aug;62(8):93-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Pancreatic somatostatin. Weir GC, et al. **Adv Exp Med Biol** 1985;188:403-23 (85 ref.)

Dexamethasone-induced insulin resistance enhances B cell responsiveness to glucose level in normal men. Beard JC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E592-6

Electrical activity, cAMP concentration, and insulin release in mouse islets of Langerhans. Eddlestone GT, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C145-53

Seasonal changes in pancreatic B-cell function in euthermic yellow-bellied marmots. Florant GL, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R159-65

Accommodation to a reduced islet cell mass in dogs. Marincola F, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E456-61

4th international workshop: Isolated pancreatic islets and diabetes research. **Biomed Biochim Acta** 1985;44(1):1-171

The dual action of glucose on the cytosolic Ca2+ activity in pancreatic beta-cells. Demonstration of an inhibitory effect of glucose on insulin release in the mouse and man. Hellman B, et al. **Biomed Biochim Acta** 1985;44(1):63-70

Effects of glucose deprivation and altered Ca2+ concentrations on clonal insulin-producing cells (RINm5F). Hoftiezer V, et al. **Biomed Biochim Acta** 1985; 44(1):77-84

Lysosomes and pancreatic islet function. Glucose-dependent alterations of lysosomal morphology. Schnell AH, et al. **Cell Tissue Res** 1985;239(3):537-45

The significance of culture for successful cryopreservation of isolated pancreatic islets of Langerhans. Sandler S, et al. **Cryobiology** 1984 Oct;21(5):503-10

Prolonged hyperglycaemia during infusion of glucose and somatostatin impairs pancreatic A- and B-cell responses to decrements in plasma glucose in normal man: evidence for induction of altered sensitivity to glucose. Dimitriadis G, et al. **Diabetologia** 1985 Feb;28(2):63-9

Properties of isolated human islets of Langerhans: insulin secretion, glucose oxidation and protein phosphorylation. Harrison DE, et al. **Diabetologia** 1985 Feb;28(2):99-103

Activity of the insulo-acinar axis in the isolated perfused rat pancreas. Trimble ER, et al. **Endocrinology** 1985 Sep; 117(3):1246-52

Nutrient metabolism in islet cells. Sener A, et al. **Experientia** 1984 Oct 15;40(10):1026-35 (112 ref.)

Pancreatic beta cell function in offspring of conjugal diabetic parents. Assessment by IRI and C-peptide ratio. Snehalatha

C, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:142-4

Adult human pancreatic islet cells in tissue culture: function and immunoreactivity. Campbell IL, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):681-5

Insulin within islets is a physiologic glucagon release inhibitor. Maruyama H, et al. **J Clin Invest** 1984 Dec; 74(6):2296-9

Influence of a tumor-promoting phorbol ester on the electrical response of B-cells to glucose and glyburide. Pace CS. **Mol Pharmacol** 1984 Sep;26(2):267-71

Glucose induces closure of single potassium channels in isolated rat pancreatic beta-cells. Ashcroft FM, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):446-8

Lowering of pHi inhibits Ca2+-activated K+ channels in pancreatic B-cells. Cook DL, et al. **Nature** 1984 Sep 20-26; 311(5983):269-71

Intracellular ATP directly blocks K+ channels in pancreatic B-cells. Cook DL, et al. **Nature** 1984 Sep 20-26; 311(5983):271-3

The topography of electrical synchrony among beta-cells in the mouse islet of Langerhans. Meda P, et al. **Q J Exp Physiol** 1984 Oct;69(4):719-35

Membrane potential measurements in islets of Langerhans from ob/ob obese mice suggest an alteration in [Ca2+]i-activated K+ permeability. Rosario LM, et al. **Q J Exp Physiol** 1985 Jan;70(1):137-50

[The entero-insular axis] Yu JR. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):83-6 **(Chi)**

[Functional study of rat islands of Langerhans cultured in agarose gel] Bouhaddioui N, et al. **C R Soc Biol (Paris)** 1985;179(1):21-6 (Eng. Abstr.) **(Fre)**

[Interrelations between divalent cations, pancreatic islet cell function and calcium-regulating hormones in altered glucose concentration of the blood] Zoloev GK, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):450-3 **(Rus)**

PHYSIOPATHOLOGY

Residual B-cell function in type 1 (insulin-dependent) diabetes mellitus: its relation to clinical and metabolic features. Bonora E, et al. **Acta Diabetol Lat** 1984 Oct-Dec; 21(4):375-83

B-cell response to a standardized breakfast in end-stage renal failure. Daubresse JC, et al. **Acta Diabetol Lat** 1985 Jan-Mar;22(1):9-16

Increased peripheral venous somatostatin concentration and decreased glucagon response to arginine in patients with insulin dependent diabetes mellitus without residual B-cell function. Increased plasma SRIF in IDDM. Skare S, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):517-21

Glucose regulation in non-insulin-dependent diabetes mellitus. Interaction between pancreatic islets and the liver. Halter JB, et al. **Am J Med** 1985 Aug 23;79(2B):6-12 (29 ref.)

Islet-cell abnormalities in non-insulin-dependent diabetes mellitus. Raskin P. **Am J Med** 1985 Aug 23;79(2B):2-5 (16 ref.)

Hepatosplanchnic insulin kinetics in awake endotoxemic Yucatan minipigs: the 'misinformed B-cell' hypothesis revisited. Fettman MJ, et al. **Circ Shock** 1984;14(4):237-50

Abnormal glucose modulation of islet A- and B-cell responses to arginine in non-insulin-dependent diabetes mellitus. Dimitriadis GD, et al. **Diabetes** 1985 Jun; 34(6):541-7

Meal-stimulated C-peptide and insulin antibodies in type I diabetic subjects and their nondiabetic siblings characterized by HLA-DR antigens. Hoogwerf BJ, et al. **Diabetes** 1985 May;34(5):440-5

Hyperglycaemia as an inducer as well as a consequence of impaired islet cell function and insulin resistance: implications for the management of diabetes. Unger RH, et al. **Diabetologia** 1985 Mar;28(3):119-21

Pregnancy-associated changes in the endocrine pancreas of normoglycaemic streptozotocin-treated Wistar rats. Ziegler B, et al. **Diabetologia** 1985 Mar;28(3):172-5

Alteration of beta-cell function in different diabetic states. Kanazawa Y, et al. **Exp Clin Endocrinol** 1984 Dec; 84(3):346-51

Pathogenesis of age-related glucose intolerance in man: insulin resistance and decreased beta-cell function. Chen M, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):13-20

Role of the endocrine pancreas in the kalemic response to acute metabolic acidosis in conscious dogs. Adrogué HJ, et al. **J Clin Invest** 1985 Mar;75(3):798-808

Beta-cell function recovery is not the only factor responsible for remission in type I diabetics: evaluation of C-peptide secretion in diabetic children after first metabolic recompensation and at partial remission phase. Schober E, et al. **J Endocrinol Invest** 1984 Oct;7(5):507-12

Correction of hyperglycemia with phloridzin restores the glucagon response to glucose in insulin-deficient dogs: implications for human diabetes. Starke A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1544-6

Chronic administration of dehydroepiandrosterone reduces pancreatic beta-cell hyperplasia and hyperinsulinemia in genetically obese Zucker rats. Gansler TS, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):155-62

[The islets of Langerhans as important in 1984 as in 1960: a few personal remarks of appreciation] Renold AE. **Journ Annu Diabetol Hotel Dieu** 1984;:7-12 **(Fre)**

[Functional interrelations of the islets] Unger RH. **Journ Annu Diabetol Hotel Dieu** 1984;:21-8 **(Fre)**

[Endocrine pancreas function in mucoviscidosis] Knöpfle G. **Klin Padiatr** 1985 Jan-Feb;197(1):13-20 (Eng. Abstr.) **(Ger)**

[Beta-cell activity during the oral glucose tolerance test in subjects with hepatic cirrhosis] Stufano N, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1127-32 (Eng. Abstr.) **(Ita)**

[Pathophysiology of diabetes mellitus type 2 and the mechanism of action and indications for using hypoglycemic sulfonylurea derivatives] Tatoń J, et al. **Pol Tyg Lek** 1985 May 6;40(18):505-11 (45 ref.) (Eng. Abstr.) **(Pol)**

[Hypoinsulinemia of alcoholics as independent of the entero-insular axis] Patto RJ, et al. **Rev Paul Med** 1985 Jan-Feb;103(1):15-8 (Eng. Abstr.) **(Por)**

[Hormonal function of islands of Langerhans in diabetes mellitus] Balabolkin MI, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):16-8 (Eng. Abstr.) **(Rus)**

[Functional aftereffects of resection of the pancreas] Blagovidov DF, et al. **Sov Med** 1985;(4):46-50 (57 ref.) **(Rus)**

[Pancreatic endocrine function in persons with a history of brucellosis] Moshniaga MG, et al. **Ter Arkh** 1985;57(1):87-9 (Eng. Abstr.) **(Rus)**

[Incretory function of the pancreas and carbohydrate metabolism in patients with peptic ulcer of the duodenum] Murashko VV, et al. **Ter Arkh** 1984;56(8):94-7 (Eng. Abstr.) **(Rus)**

[Islet beta-cell function in failures following sulfonylurea therapy in diabetics, by determination of serum C-peptide] Costamaillere L, et al. **Rev Med Chil** 1984 Dec; 112(12):1206-13 (Eng. Abstr.) **(Spa)**

SECRETION

Stimulation of insulin secretion by peptides analogous to the C-terminal tetrapeptide amide of cholecystokinin. Ahmad N, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):361-4

Evidence that a 'memory' for glucose metabolism desensitizes A-cell responsiveness in the perfused pancreas of the rat. Grill V, et al. **Acta Endocrinol (Copenh)** 1985 Sep; 110(1):114-9

Evidence for metabolic regulation of pancreatic glucagon secretion by L-glutamine. Ostenson CG, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):386-91

Stimulation by calcium and barium of somatostatin release. Evidence for lower sensitivity of D- vis-à-vis B- and A-cells. Grill V, et al. **Acta Physiol Scand** 1984 Nov; 122(3):401-7

Pathophysiology of insulin secretion in diabetes mellitus. Ward WK, et al. **Adv Exp Med Biol** 1985;189:137-58

Eicosanoids as regulators of pancreatic islet hormone secretion. Pek SB, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:221-30 (50 ref.)

Enhanced intestinal insulinotropic effect in streptozotocin-diabetic rats. Ikeda T, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E304-8

Carbachol modulates GIP-mediated insulin release from rat pancreatic lobules in vitro. McCullough AJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E299-303

Role of intrapancreatic ganglia in regulation of periodic insular secretions. Stagner JI, et al. **Am J Physiol** 1985 May; 248(5 Pt 1):E522-30

The interplay between cyclic AMP and ions in the stimulus-secretion coupling in pancreatic B-cells. Henquin JC. **Arch Int Physiol Biochim** 1985 May;93(1):37-48 (65 ref.)

Insulin secretion from isolated pure beta cells. Bandisode MS. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):396-401

Preference of glucokinase for the alpha anomer of hexose: relation to alpha-anomer preference in hexose-induced insulin release by pancreatic islets. Miwa I, et al. **Biochem Int** 1983 Oct;7(4):449-54

Insulin and C-peptide secretion from B cells in human subjects stimulated with glucose. Kakita K, et al. **Biochem Med** 1985 Feb;33(1):60-6

Role of calcium in defective insulin secretion from human and transplantable rat islet cell tumours. Flatt PR, et al. **Biomed Biochim Acta** 1985;44(1):71-5

Mathematical modeling of stimulus-secretion coupling in the pancreatic beta-cell. III. Glucose-induced inhibition of calcium efflux. Scholler Y, et al. **Biophys J** 1984 Oct; 46(4):439-46

A role for polyamines in stimulus-secretion coupling in the pancreatic beta-cell. Bungay PJ, et al. **Biosci Rep** 1984 Oct; 4(10):869-77

Stimulation of insulin secretion from isolated rat islets of Langerhans by melittin. Morgan NG, et al. **Biosci Rep** 1984 Aug;4(8):665-71

Role for calcium in the insulin hypersecretory state of the endotoxic rat pancreas. Yelich MR, et al. **Circ Shock** 1984; 14(1):49-62

The development of a homologous teleost insulin radioimmunoassay and its use in the study of adrenaline on insulin secretion from isolated pancreatic islet tissue of the rainbow trout, Salmo gairdinerii (R.). Tilzey JF, et al. **Comp Biochem Physiol [A]** 1985;81(4):821-5

A mathematical insulin-secretion model and its validation in isolated rat pancreatic islets perifusion. Nomura M, et al. **Comput Biomed Res** 1984 Dec;17(6):570-9

Biohybrid artificial pancreas. Long-term insulin secretion by devices seeded with canine islets. Araki Y, et al. **Diabetes** 1985 Sep;34(9):850-4

Zinc supplementation attenuates insulin secretory activity in pancreatic islets of the ob/ob mouse. Begin-Heick N, et al. **Diabetes** 1985 Feb;34(2):179-84

Differential effects of age versus glycemic stimulation on the maturation of insulin stimulus-secretion coupling during culture of fetal rat islets. Freinkel N, et al. **Diabetes** 1984 Nov;33(11):1028-38

Stimulation of insulin secretion from isolated rat islets by SaRI 59-801. Hanson RL, et al. **Diabetes** 1985 Jun; 34(6):548-52

Perifusion of a clonal cell line of Simian virus 40-transformed beta cells. Insulin secretory dynamics in response to glucose, 3-isobutyl-1-methylxanthine, and potassium. Hill RS, et al. **Diabetes** 1985 Feb;34(2):115-20

Demonstration that the vitamin D metabolite 1,25(OH)2-vitamin D3 and not 24R,25(OH)2-vitamin D3 is essential for normal insulin secretion in the perfused rat pancreas. Kadowaki S, et al. **Diabetes** 1985 Apr; 34(4):315-20

The dynamic insulin secretory response of isolated pancreatic islets of the diabetic mouse. Evidence for a gene dosage effect on insulin secretion. Molina JM, et al. **Diabetes** 1984 Nov;33(11):1120-3

Islet beta-cell function and polymorphism in the 5'-flanking region of the human insulin gene. Permutt MA, et al. **Diabetes** 1985 Apr;34(4):311-4

Possible role of endogenous arachidonic acid metabolites in stimulated release of insulin and glucagon from the isolated, perfused rat pancreas. Walsh MF, et al. **Diabetes** 1984 Oct; 33(10):929-36

Effect of exogenous phospholipase A2 on insulin secretion from perifused rat islets. Zawalich W, et al. **Diabetes** 1985 May;34(5):471-6

Pathophysiology of insulin secretion in non-insulin-dependent diabetes mellitus. Ward WK, et al. **Diabetes Care** 1984 Sep-Oct;7(5):491-502

Insulin, glucagon, and somatostatin release from the prediabetic Chinese hamster. Frankel BJ, et al. **Diabetologia** 1984 Sep;27(3):387-91

A new benzothiadiazine derivative, LN 5330: effects on pancreatic hormones. Hillaire-Buys D, et al. **Diabetologia** 1984 Dec;27(6):583-6

Correction of diabetic pattern of insulin release from islets of the spiny mouse (Acomys cahirinus) by glucose priming in vitro. Nesher R, et al. **Diabetologia** 1985 Apr;28(4):233-6

The effect of exogenous arachidonic acid on insulin secretion in isolated perifused hamster islets. Hirano T, et al. **Endocrinol Jpn** 1984 Oct;31(5):549-55

The effect of age and glucose concentration on insulin secretion by the isolated perfused rat pancreas. Elahi D, et al. **Endocrinology** 1985 Jan;116(1):11-6

Kinetic and quantitative relationships between insulin release and 65Zn efflux from perifused islets. Grodsky GM, et al. **Endocrinology** 1985 Aug;117(2):704-10

Effects of hydroxyeicosatetraenoic acids on fatty acid esterification in phospholipids and insulin secretion in pancreatic islets. Laychock SG. **Endocrinology** 1985 Sep; 117(3):1011-9

Effects of 5-hydroxytryptamine on rubidium ion fluxes and insulin release in cultured pancreatic islets. Lindström P, et al. **Endocrinology** 1984 Nov;115(5):2121-5

Glucagon secretion and intracellular calcium distribution in pancreatic A cells. Rebolledo OR, et al. **Endocrinology** 1985 Oct;117(4):1707-9

Insulin biosynthesis and secretion of isolated pancreatic islets of mice after the administration of anti-insulin serum of guinea pigs. Poltorack VV, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):87-90

Stimulus-secretion coupling in the pancreatic B-cell. **Experientia** 1984 Oct 15;40(10):1025-135

The role of phosphoenolpyruvate in insulin secretion: the effect of L-phenylalanine. Chatterton TA, et al. **Experientia** 1984 Dec 15;40(12):1426-7

Kinetic aspects of compartmental storage and secretion of insulin and zinc. Gold G, et al. **Experientia** 1984 Oct 15; 40(10):1105-14 (129 ref.)

Significance of ionic fluxes and changes in membrane potential for stimulus-secretion coupling in pancreatic B-cells. Henquin JC, et al. **Experientia** 1984 Oct 15; 40(10):1043-52 (120 ref.)

Stimulus-secretion coupling in the pancreatic B-cell: introductory remarks. Malaisse WJ. **Experientia** 1984 Oct 15;40(10):1025-6

Coupling factors in nutrient-induced insulin release. Malaisse WJ, et al. **Experientia** 1984 Oct 15;40(10):1035-43 (88 ref.)

Stimulus-secretion coupling in the pancreatic B-cell: concluding remarks. Malaisse WJ. **Experientia** 1984 Oct 15;40(10):1134-5 (13 ref.)

Calmodulin and pancreatic B-cell function. Valverde I, et al. **Experientia** 1984 Oct 15;40(10):1061-8 (42 ref.)

beta-Granins: 21 kDa co-secreted peptides of the insulin granule closely related to adrenal medullary chromogranin A. Hutton JC, et al. **FEBS Lett** 1985 Sep 2;188(2):336-40

The effect of phalloidin on insulin secretion from islets of Langerhans isolated from rat pancreas. Stutchfield J, et al. **FEBS Lett** 1984 Oct 1;175(2):393-6

Is somatostatin a humoral regulator of the endocrine pancreas and gastric acid secretion in man? Loud FB, et al. **Gut** 1985 May;26(5):445-9

Beta-cell reserve capacity in chronic pancreatitis. Domschke S, et al. **Hepatogastroenterology** 1985 Feb;32(1):27-30

Insulin and glucagon secretion by the dog pancreas during intravenous and oral administration of gamma aminobutyric acid (GABA). Minuk GY, et al. **Horm Metab Res** 1985 Jun;17(6):313-4

Maintenance of neonatal endocrine cells of the rat: III. Effect of 2-deoxy-2-fluoroglucose on the responses to glucose, leucine and 2-ketoisocaproate. Wakabayashi S, et al. **Horm Metab Res** 1984 Dec;16(12):672-3

Insulin and glucagon release from the ventral and dorsal parts of the perfused pancreas of the rat. Effects of glucose, arginine, glucagon and carbamylcholine. Leclercq-Meyer V, et al. **Horm Res** 1985;21(1):19-32

Insulin secretion from perifused rat pancreatic pseudoislets. Hopcroft DW, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):421-7

Meal size: role of reflexly induced insulin release. Louis-Sylvestre J. **J Auton Nerv Syst** 1984 May-Jun;10(3-4):317-24 (45 ref.)

Peripheral hyperinsulinemia of simple obesity: pancreatic hypersecretion or impaired insulin metabolism? Bonora E, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1121-7

C-peptide and insulin secretion. Relationship between peripheral concentrations of C-peptide and insulin and their secretion rates in the dog. Polonsky KS, et al. **J Clin Invest** 1984 Nov;74(5):1821-9

Diminished B cell secretory capacity in patients with noninsulin-dependent diabetes mellitus. Ward WK, et al. **J Clin Invest** 1984 Oct;74(4):1318-28

Lipoxygenase inhibitors and cyclic AMP-mediated insulin secretion caused by forskolin, theophylline and dibutyryl cyclic AMP. Yamamoto S, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):176-80

Dynamics of insulin hypersecretion by obese Zucker rats. Curry DL, et al. **Metabolism** 1985 Sep;34(9):791-6

Pancreatic beta-cell function in cirrhotic patients with and without overt diabetes. C-peptide response to glucagon and to meal. Marchesini G, et al. **Metabolism** 1985 Aug;34(8):695-701

Role of arachidonate lipoxygenase and cyclooxygenase products in insulin and glucagon secretion from rat pancreatic islets. Morgan RO, et al. **Metabolism** 1984 Oct;33(10):928-35

Phosphatidylethanolamine N-methylation and insulin release in isolated pancreatic islets of the rat. Laychock SG. **Mol Pharmacol** 1985 Jan;27(1):66-73

The dihydropyridine derivative, Bay K 8644, enhances insulin secretion by isolated pancreatic islets. Panten U, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):351-3

Effects of isoprenaline and glucagon on insulin secretion from pancreatic islets. Zielmann S, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May;329(3):299-304

Insulin release from column-perifused isolated islets of uremic rats. Nakamura Y, et al. **Nephron** 1985;40(4):467-9

Physiology of insulin secretion: problems of quantity and timing. Matthews DR, et al. **Neth J Med** 1985;28 Suppl 1:20-4

Endogenous opioids modulate the effect of cholecystokinin on insulin release in dogs. Schusdziarra V, et al. **Neuropeptides** 1984 Nov;4(6):507-17

Phe-met-arg-phe-amide (FMRF-NH2) inhibits insulin and somatostatin secretion and anti-FMRF-NH2 sera detects pancreatic polypeptide cells in the rat islet. Sorenson RL, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):777-82

Effects of prostacyclin and its stable analog, iloprost, upon insulin secretion in isolated pancreatic islets. Sieradzki J, et al. **Prostaglandins** 1984 Sep;28(3):289-96

Maximal pancreatic beta-cell stimulation and the counter-regulatory hormonal responses in South African black and white obese subjects. Shires R, et al. **S Afr Med J** 1985 May 25;67(21):845-7

[Quantitative and qualitative analysis of disorders of insulin-secretion in diabetic syndromes] Ellorhaoui M, et al. **Tunis Med** 1984 Dec;62(8):615-8 (Eng. Abstr.) **(Fre)**

[Effect of i.v. tolbutamide on alpha- and beta-cell secretion in type I diabetes] Verga S, et al. **Minerva Endocrinol** 1984 Jul-Sep;9(3):339-42 (Eng. Abstr.) **(Ita)**

[The association of pancreatic endocrine dysfunction with carcinoma of the pancreas and chronic pancreatitis] Kuwahara Y. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):73-83 (Eng. Abstr.) **(Jpn)**

[Effect of mazindol on insulin and glucagon secretion in ventromedial hypothalamic obese rats] Usami M, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):297-303 (Eng. Abstr.) **(Jpn)**

[Prostaglandins, islands of Langerhans and glucose homeostasis] Tatoń J, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1147-51 (36 ref.) **(Pol)**

[The use of radioimmunoassay in the study of the secretory potential of beta-cells in patients with insulin-independent diabetes mellitus] Balabolkin MI, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):33-6 **(Rus)**

TRANSPLANTATION

Clinical researches on islet transplantation in 20 patients with insulin-dependent diabetes mellitus. Hu YF, et al. **Acta Acad Med Wuhan** 1984;4(3):145-51

Autotransplantation of pancreatic islet cell fragments into the renal capsule prepared without collagenase. Toledo-Pereyra LH, et al. **Am Surg** 1984 Dec;50(12):679-81

Intra-splenic transplantation of allogenic isolated pancreatic islets in nonimmunosuppressed rats. A morphological immunocytochemical study. Christova T, et al. **Anat Anz** 1985;158(5):395-403

Pancreatic islet transplantation. Induction of graft acceptance by ultraviolet irradiation of donor tissue. Hardy MA, et al. **Ann Surg** 1984 Oct;200(4):441-50

Clinical transplantation of fetal human pancreatic islets. Farkas G, et al. **Biomed Biochim Acta** 1985;44(1):155-9

Effects of islet transplantation on the recipient endocrine pancreas. Hahn HJ, et al. **Biomed Biochim Acta** 1985;44(1):137-42

Morphological investigations in human islets of Langerhans isolated by the Velcro-technic. Kühn F, et al. **Biomed Biochim Acta** 1985;44(1):149-53

Islet cell transplantation in diabetic dogs: studies of graft function and storage. Alderson D, et al. **Br J Surg** 1984 Oct;71(10):756-60

Culture of human fetal pancreas and islet transplantation in 24 patients with type 1 diabetes mellitus. Hu YF, et al. **Chin Med J [Engl]** 1985 Apr;98(4):236-43

Alterations in immunological reactivity in encephalomyocarditis virus-induced murine diabetes. I. Defective primary IgM plaque forming cell responses to sheep erythrocytes: correction by islet cell transplantation. Handwerger BS, et al. **Clin Exp Immunol** 1985 Apr;60(1):145-50

Intraportal autotransplantation of cryopreserved porcine islets of Langerhans. Wise MH, et al. **Cryobiology** 1985 Aug;22(4):359-66

Successful long-term survival of pancreatic islet allografts in spontaneous or pancreatectomy-induced diabetes in dogs. Cyclosporine-induced immune unresponsiveness. Alejandro R, et al. **Diabetes** 1985 Aug;34(8):825-8

Syngeneic transplantation of cryopreserved fetal mouse proislets. Hegre OD, et al. **Diabetes** 1984 Oct;33(10):975-7

Suppression, stress, and accommodation of transplanted islets of Langerhans. Merrell RC, et al. **Diabetes** 1985 Jul;34(7):667-70

Mechanisms of rat pancreatic islet allograft rejection. Charles MA, et al. **Diabetes Res** 1984 Jul;1(2):95-103

Recovery of the immune system in diabetic mice after transplantation of isolated islets of Langerhans. Hadžija M, et al. **Diabetologia** 1984 Jul;27 Suppl:93-5

Report of the third workshop of the EASD study group on artificial insulin delivery systems, pancreas and islet transplantation (AIDSPIT). 5-7 February 1984, Igls, Austria. Pfeiffer EF. **Diabetologia** 1984 Dec;27(6):607-8

Transplantation of pancreatic microfragments in totally pancreatectomized pigs. Kiviluoto T. **Eur Surg Res** 1985;17(2):119-27

Insulin recovery in pancreas and host organs of islet grafts. Ziegler B, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):53-60

Islet transplantation in experimental diabetes of the rat. VIII. B-cell restoration following islet transplantation. Preliminary results. Richardt M, et al. **Horm Metab Res** 1984 Oct;16(10):551-2

Immune attack on pancreatic islet transplants in the spontaneously diabetic BioBreeding/Worcester (BB/W) rat is not MHC restricted. Weringer EJ, et al. **J Immunol** 1985 Apr;134(4):2383-6

Regulation of hepatic glycogen metabolism: effects of diabetes, insulin infusion, and pancreatic islet transplantation. Margolis RN, et al. **Metabolism** 1985 Jan;34(1):62-8

Effect of endocrine pancreas allotransplantation on diabetic nerve dysfunction. Tze WJ, et al. **Metabolism** 1985 Aug;34(8):721-5

Pancreatic islet allograft function in nonimmunosuppressed conscious mice. Wilson JD, et al. **Metabolism** 1985 Jan;34(1):92-6

Reversal of impaired renal function in rats with streptozotocin-induced diabetes by transplantation of isolated pancreatic islets: failure in preventing the progress of glomerulosclerosis. Yamamoto T, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):721-35

The metabolic response of intrasplenic islet autografts. Merrell RC, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):552-6

Failure of canine islet allografts and autografts with cyclosporine. Merrell RC, et al. **Surgery** 1985 Aug;98(2):324-9

Chronic pancreatitis: long-term surgical results of pancreatic duct drainage, pancreatic resection, and near-total pancreatectomy and islet autotransplantation. Morrow CE, et al. **Surgery** 1984 Oct;96(4):608-16

Encapsulated human islet transplants in diabetic rats. Altman JJ, et al. **Trans Am Soc Artif Intern Organs** 1984;30:382-6

Pancreatic islet transplantation across partial major histocompatibility complex barriers. Georgiou HM, et al. **Transplant Proc** 1985 Apr;17(2):1723-7

Prolongation of survival time of rat pancreatic islet allografts by tissue culture. Nishino H, et al. **Transplant Proc** 1984 Dec;16(6):1687-93

Reversal of diabetes by proislet isotransplantation. Simeonovic CJ, et al. **Transplant Proc** 1985 Apr;17(2):1728-30

Prolonged survival of donor skin grafts on mice bearing established islet of Langerhans transplants. Faustman DL, et al. **Transplantation** 1985 Aug;40(2):216-8

Portal blood pressure after intrahepatic megaislet allotransplantation in rats. Jones G, et al. **Transplantation** 1985 Jan;39(1):79-80

The use of direct ultraviolet irradiation and cyclosporine in facilitating indefinite pancreatic islet allograft acceptance. Lau H, et al. **Transplantation** 1984 Dec;38(6):566-9

Acinar structure and function in canine pancreatic autografts with duct drainage into the urinary bladder. MacAulay MA, et al. **Transplantation** 1985 May;39(5):490-5

Pretreatment of islets with anti-Ia monoclonal antibodies [letter] Morrow CE, et al. **Transplantation** 1985 Jan;39(1):111

Restoration of T cell responsiveness to interleukin-2 in recipients of pancreatic islet xenografts treated with cyclosporine. Nakajima Y, et al. **Transplantation** 1985 Jul;40(1):73-6

Long-term survival of cultured islet allografts without the use of immunosuppression. Serie JR, et al. **Transplantation** 1985 Jun;39(6):684-7

Allotransplantation and xenotransplantation of pseudoislets in diabetic rats and mice. Tze WJ, et al. **Transplantation** 1984 Oct;38(4):438-40

Successful autotransplantation of cryopreserved dispersed pancreatic grafts in dogs. Walsh TN, et al. **Transplantation** 1984 Nov;38(5):546-8

Islet autotransplantation in the pancreatectomized dog: effect of time on graft function. Alderson D, et al. **World J Surg** 1984 Aug;8(4):590-7

The effects of transplant mass on insulin release by collagenase-dispersed pancreatic fragments in the diabetic dog. Alderson D, et al. **World J Surg** 1984 Aug;8(4):598-604

Reinnervation of the endocrine pancreas after autotransplantation of pancreatic fragments in the spleen of the dog: a morphofunctional study. Madureira ML, et al. **World J Surg** 1985 Apr;9(2):335-47

[Pancreas and pancreatic island transplantation in diabetes mellitus] Bretzel RG. **Fortschr Med** 1985 May 15;103(19):497-500 (Eng. Abstr.) **(Ger)**

[Experimental model of pancreas transplantation in the rat] Florack G. **Langenbecks Arch Chir** 1985;363(4):225-6 **(Ger)**

[Improvement of life expectancy by pancreas transplantation?] Schwedes U, et al. **Lebensversicherungsmedizin** 1984 Aug 27;36(7):159-62 (Eng. Abstr.) **(Ger)**

[Further developments in pancreatic islet transplantation I. Induction of selective morphological changes in the exocrine pancreas] Huber W, et al. **Res Exp Med (Berl)** 1985;185(1):1-12 (Eng. Abstr.) **(Ger)**

[Allogeneic segmental heterotopic pancreas transplantation in the dog with reference to various drainage technics] Abri O, et al. **Zentralbl Chir** 1985;110(13):821-34 (Eng. Abstr.) **(Ger)**

[Pancreas transplantation. An historical review and analysis of current results] Agnes S, et al. **Minerva Chir** 1985 Mar 15;40(5):243-6 (Eng. Abstr.) **(Ita)**

[Current status of pancreatic island transplantation] Merrell R, et al. **Minerva Chir** 1985 Mar 15;40(5):239-42 **(Ita)**

[Experimental diabetes mellitus. A. Clinico-morphological examination of the crystalline lens of rats after transplantation of isolated islands of Langerhans] Pankowska B, et al. **Klin Oczna** 1984 May;86(5):187-90 (Eng. Abstr.) **(Pol)**

[Transplantation of the pancreas in the treatment of diabetes mellitus] Jach A. **Wiad Lek** 1984 Sep 1;37(17):1343-8 (59 ref.) (Eng. Abstr.) **(Pol)**

[Correction of carbohydrate metabolic disorders in pancreatectomized rats by transplantation of the islands of Langerhans into the liver] Korotkina RN, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):54-7 (Eng. Abstr.) **(Rus)**

[Clinical allotransplantation of human fetal islet cell cultures] Shumakov VI, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):18-22 **(Rus)**

ULTRASTRUCTURE

A comparative study on the intercellular canalicular system and intercellular junctions in the pancreatic islets of some rodents. Yamamoto M, et al. **Arch Histol Jpn** 1984 Nov;47(5):485-93

Ultrastructural basis for pseudoislet formation in cultivated isolated islet cells from neonatal rats. Fält K, et al. **Biomed Biochim Acta** 1985;44(1):45-8

Bursting, beating, and chaos in an excitable membrane model. Chay TR, et al. **Biophys J** 1985 Mar;47(3):357-66

Observations on rat collagenase-separated islets and long-term composite islet allografts. Millard PR, et al. **Br J Exp Pathol** 1984 Dec;65(6):745-51

Ultrastructural evidence for the presence of a glial sheath investing the islets of Langerhans in the pancreas of mammals. Donev SR. **Cell Tissue Res** 1984;237(2):343-8

Postnatal maturation of the islets of Langerhans in sheep. Light microscopic, immunohistochemical, morphometric, and ultrastructural investigations with particular reference to the transient appearance of argyrophil insulin immunoreactive cells. Titlbach M, et al. **Diabetes Res** 1985 Jan;2(1):5-15

Insulin secretion: the effector system. Howell SL, et al. **Experientia** 1984 Oct 15;40(10):1098-105 (47 ref.)

Secretory granules. Hutton JC. **Experientia** 1984 Oct 15;40(10):1091-8 (90 ref.)

Ultrastructural changes of the pancreatic beta-cell and the insulin secretion by islets from lactating and non-lactating rats. Marynissen G, et al. **J Dev Physiol** 1985 Feb;7(1):17-23

Excess glucose intake induces accelerated beta-cell polyploidization in normal mice: a possible deleterious effect. White JW, et al. **J Nutr** 1985 Feb;115(2):271-8

The ultrastructural features of secretory cells of some endocrine glands in aging. Shaposhnikov VM. **Mech Ageing Dev** 1985 May 13;30(2):123-42

Evidence for polarization of plasma membrane domains in pancreatic endocrine cells. Lombardi T, et al. **Nature** 1985 Feb 21-27;313(6004):694-6

Three-dimensional structures of crystalline B-cell granules in dog pancreatic islets. Hotta Y, et al. **Okajimas Folia Anat Jpn** 1985 Mar;61(6):399-421

Clathrin-immunoreactive sites in the Golgi apparatus are concentrated at the trans pole in polypeptide hormone-secreting cells. Orci L, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5385-9

[Scanning electron-microscopic study of the islands of Langerhans in the rat] Xiong XK. **Acta Acad Med Wuhan** 1985;5(2):103-6 **(Ger)**

[Electron microscopic findings in A-cells of the islands of Langerhans in diabetes mellitus] Cossel L, et al. **Zentralbl Allg Pathol** 1984;129(4):323-41 (Eng. Abstr.) **(Ger)**

ISLET CELL TUMOR

The glucagonoma syndrome in a Chinese man. Lee KO, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):312-6

ANALYSIS

Pancreatic polypeptide in islet cell tumors. Morphologic and functional correlations. Tomita T, et al. **Cancer** 1985 Oct 1;56(7):1649-57

Pancreatic endocrine tumours associated with WDHA syndrome. An immunohistochemical and electron microscopic study. Ooi A, et al. **Virchows Arch [A]** 1985; 405(3):311-23

BLOOD

Nightly amended IRI/BG ratio in fasting test during sleeping periods in subjects with insulinoma and in normal, diabetic and obese subjects. Villaume C, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):325-32

28-hour profiles of blood glucose (BG), plasma immunoreactive insulin (IRI) and IRI/BG ratio in four insulinomas. Villaume C, et al. **Ann Endocrinol (Paris)** 1984; 45(3):155-60

Glucose-induced GIP levels in patients with insulinoma. Tamburrano G, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:200-3

Euthyroid hyperthyroxinemia and thyroxine-binding prealbumin excess in islet cell carcinoma. Rajatanavin R, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):17-21

[Insulin assay in insulinoma] Zeng XJ. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):13-8, 62 (Eng. Abstr.) **(Chi)**

[Discordance between peripheral blood levels of insulin and C-peptide in a case of insulinoma (letter)] Grimaldi A, et al. **Presse Med** 1984 Sep 15;13(31):1901-2 **(Fre)**

BLOOD SUPPLY

Demonstration of an angiographically hypovascular insulinoma with intraarterial dynamic CT. Fink IJ, et al. **AJR** 1985 Mar;144(3):555-6

CHEMICALLY INDUCED

Secretory, enzymatic, and morphological characterization of rat pancreatic endocrine tumours induced by streptozotocin and nicotinamide. Lenzen S, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):361-8

Induction of rat pancreatic B-cell tumors by the combined administration of streptozotocin or alloxan and poly(adenosine diphosphate ribose) synthetase inhibitors. Yamagami T, et al. **Cancer Res** 1985 Apr;45(4):1845-9

COMPLICATIONS

Sudden cardiac death due to hypoglycemia. Iscovich AL. **Am J Emerg Med** 1983 Jul;1(1):28-9

Papulosquamous eruption with weight loss: Necrolytic migratory erythema (glucagonoma syndrome). Skouge JW, et al. **Arch Dermatol** 1985 Mar;121(3):400, 403

Multiple islet cell adenomas in a patient with secondary hemochromatosis [letter] Sale GE. **Arch Pathol Lab Med** 1985 Sep;109(9):795

Neuroendocrine islet cell tumour producing gastrin and ACTH in a patient with calcifying chronic pancreatitis. Allison MC, et al. **Gut** 1985 Apr;26(4):426-8

Hypoglycemic coma in a high school dropout [clinical conference] Kassirer JP, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):199-204

Glucagonoma syndrome: in vitro evidence that glucagon increases epidermal arachidonic acid. Peterson LL, et al. **J Am Acad Dermatol** 1984 Sep;11(3):468-73

Glucagonoma syndrome. A clinicopathologic, immunocytochemical, and ultrastructural study. Vandersteen PR, et al. **J Am Acad Dermatol** 1985 Jun; 12(6):1032-9

Acromegaly and Zollinger-Ellison syndrome secondary to an islet cell tumor: characterization and quantification of plasma and tumor human growth hormone-releasing factor. Wilson DM, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):1002-5

Diplopia: an unusual presentation of insulinoma [letter] Savion M, et al. **J R Soc Med** 1985 Aug;78(8):697

Effect of a long-acting somatostatin analogue (SMS 201-995) in a patient with pancreatic cholera. Maton PN, et al. **N Engl J Med** 1985 Jan 3;312(1):17-21

Neurological aspects of insulinomas. Daggett P, et al. **Postgrad Med J** 1984 Sep;60(707):577-81

Hypoglycemia. Leifer CE, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Jul; 14(4):873-89 (84 ref.)

Prevalence of diffuse pancreatic beta islet cell disease with hyperinsulinism: problems in recognition and management. Harrison TS, et al. **World J Surg** 1984 Aug;8(4):583-9

[Pancreatic endocrine tumors with digestive effects. Physiopathological and clinical aspects] Rigaud D, et al. **Ann Med Interne (Paris)** 1984;135(5):396-9 (Eng. Abstr.) **(Fre)**

[Necrolytic migratory erythema: glucagonoma syndrome. Clinical and histological aspects] Wilkinson DS. **Ann Med Interne (Paris)** 1984;135(8):654-7 (Eng. Abstr.) **(Fre)**

[Organic hypoglycemia of pancreatic origin (50 surgical cases)] Juvara I, et al. **Rev Chir [Chir]** 1983 Jul-Aug; 32(4):269-78 **(Rum)**

DIAGNOSIS

Use of a computerized glucose clamp technique to diagnose an insulinoma. Reynolds JH, et al. **Ann Intern Med** 1984 Nov;101(5):648-9

Diagnosis of insulinoma and the euglycemic hyperinsulinemic clamp technique [letter] Service FJ. **Ann Intern Med** 1985 Mar;102(3):417-8

Anomalous glucose and insulin responses in patients with insulinoma. Caveats for diagnosis. Dons RF, et al. **Arch Intern Med** 1985 Oct;145(10):1861-3

Insulinoma in pregnancy. Shaw DL, et al. **Ariz Med** 1985 Jul;42(7):406-8

Exacerbation of diarrhea after iodinated contrast agents in a patient with VIPoma. Weinstein GS, et al. **Dig Dis Sci** 1985 Jun;30(6):588-92

Diagnosis and localization of an insulinoma with inappropriate hypoglycemia in relation to the level of immunoreactive insulin using gel chromatographic separation. Kakita K, et al. **Exp Clin Endocrinol** 1985 Apr; 85(2):167-75

Localization of small islet-cell tumors. Preoperative and intraoperative ultrasound, computed tomography, arteriography, digital subtraction angiography, and pancreatic venous sampling. Günther RW, et al. **Gastrointest Radiol** 1985;10(2):145-52

Necrolytic migratory erythema (glucagonoma syndrome). Myatt AE, et al. **J R Soc Med** 1984;77 Suppl 4:31-2

Benign insulinoma--a diagnostic challenge: a case report. Fock KM, et al. **Med J Malaysia** 1984 Jun;39(2):170-2

Localization of an insulinoma by ultrasonic endoscopy [letter] Heyder N. **N Engl J Med** 1985 Mar 28;312(13):860-1

The glucagonoma syndrome [letter] Downey DJ, et al. **NZ Med J** 1984 Dec 12;97(769):869-71

Clinical features, diagnosis and management of insulinoma in 16 consecutive patients: cost-ineffectiveness of non-invasive imaging modalities. Osei K, et al. **Ohio State Med J** 1984 Dec;80(12):864-9

Glucagonoma without cutaneous manifestations. Parr JH, et al. **Postgrad Med J** 1985 Aug;61(718):737-8

Percutaneous transhepatic portal vein catheterization for localization of insulinoma. Tseng HC, et al. **World J Surg** 1984 Aug;8(4):575-82

[Percutaneous transhepatic portal vein catheterization for the localization of insulinoma] Zeng XJ. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):671-5 (Eng. Abstr.) **(Chi)**

[Vipomas] Dupont C. **Ann Med Interne (Paris)** 1984; 135(5):400-2 (Eng. Abstr.) **(Fre)**

[Intraoperative echographic detection of insulinoma (letter)] Mouroux D, et al. **Presse Med** 1984 Sep 22;13(32):1963 **(Fre)**

[Insulinoma: what symptomatology?] Uebersax R, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):733-8 **(Fre)**

[Localization of insulinomas: the value of determining insulin using transhepatic catheterization of the pancreatic venous network] Roy DC, et al. **Union Med Can** 1985 May; 114(5):415-8, 420 (Eng. Abstr.) **(Fre)**

[Preoperative and intraoperative use of imaging procedures in a patient with insulinoma (letter)] Keller W, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1783-4 **(Ger)**

[Internal medicine case report. Hypoglycemia] Baumgart P, et al. **Schweiz Rundsch Med Prax** 1984 Dec 4;73(49):1521-4 (Eng. Abstr.) **(Ger)**

[Glucagonoma. Case report] Steurer J, et al. **Schweiz Rundsch Med Prax** 1984 Dec 4;73(49):1513-6 (Eng. Abstr.) **(Ger)**

[Lipoma of the left ventricle and insulinoma of the pancreas] Goebel N, et al. **Z Kardiol** 1984 Dec;73(12):792-5 (Eng. Abstr.) **(Ger)**

[Islet cell tumor:insulinoma] Kuroda A, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1035-8 (Eng. Abstr.) **(Jpn)**

[Glucagonoma] Tajima Y. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1039-43 (Eng. Abstr.) **(Jpn)**

[A case of WDHA syndrome and the studies on 14 domestic cases] Chikama T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):128-33 **(Jpn)**

[A case of islet cell tumor] Onodera H, et al. **Rinsho Hoshasen** 1985 May;30(5):621-4 (Eng. Abstr.) **(Jpn)**

[Pancreatic insulinoma in a patient with Hodgkin's disease] Ostapiuk M, et al. **Pol Tyg Lek** 1985 Jan 21;40(3):73-4 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

A somatostatin analogue inhibits chondrosarcoma and insulinoma tumour growth. Reubi JC. **Acta Endocrinol (Copenh)** 1985 May;109(1):108-14

Malignant insulinoma: effects of a somatostatin analog (compound 201-995) on serum glucose, growth, and gastro-entero-pancreatic hormones. Osei K, et al. **Ann Intern Med** 1985 Aug;103(2):223-5

Pancreatic cholera syndrome: effect of a synthetic somatostatin analog on intestinal water and ion transport. Santangelo WC, et al. **Ann Intern Med** 1985 Sep; 103(3):363-7

Assessment of treatment of intrahepatic malignancies using chemotherapy via an implantable pump. Schwartz SI, et al. **Ann Surg** 1985 May;201(5):560-7

Use of artificial endocrine pancreas in postoperative management of patients with beta-cell hyperfunction [letter] Wieland RG, et al. **Diabetes Care** 1985 May-Jun; 8(3):307

Long-term treatment of a VIPoma with somatostatin analogue resulting in remission of symptoms and possible shrinkage of metastases. Kraenzlin ME, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):185-7

Streptozotocin effective for treating multiple-hormone-producing malignant islet cell tumor. Murata E, et al. **Jpn J Surg** 1985 Jan;15(1):63-7

Regression of metastatic vipoma with somatostatin analogue SMS 201-995 [letter] Clements D, et al. **Lancet** 1985 Apr 13;1(8433):874-5

Chemotherapy of metastatic islet cell carcinoma. Report of 4 cases and review of the literature. Vasen HF, et al. **Neth J Med** 1985;28(4):172-5

[Studies on the medical treatment of non-operable insulinoma. Clinical usefulness of diphenylhydantoin-calcium antagonist] Imanaka S, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):590-6 **(Jpn)**

ENZYMOLOGY

Serum levels of alpha-1-antitrypsin in pancreatic islet cell tumors. Prinz RA, et al. **J Med** 1984;15(3):177-83

FAMILIAL & GENETIC

Heritable formation of pancreatic beta-cell tumours in transgenic mice expressing recombinant insulin/simian virus 40 oncogenes. Hanahan D. **Nature** 1985 May 9-15; 315(6015):115-22

METABOLISM

Somatostatin-producing tumors. Berelowitz M. **Adv Exp Med Biol** 1985;188:475-87

Biochemical composition of edge and center of malignant hamster insulinoma. Feldman JM. **Arch Pathol Lab Med** 1984 Nov;108(11):909-11

Structure of insulin/insulin-like growth factor-1 receptors on the insulinoma cell, RIN-m5F. Colman PG, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):657-62

Molecular cloning and characterization of a cDNA clone for a protein specifically expressed in embryo as well as in a chemically induced pancreatic B cell tumor of rat. Soma G, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):164-71

Inositol 1,4,5-trisphosphate mobilizes intracellular Ca2+ from permeabilized insulin-secreting cells. Biden TJ, et al. **Biochem J** 1984 Oct 15;223(2):467-73

Phorbol ester stimulation of insulin release and secretory-granule protein phosphorylation in a transplantable rat insulinoma. Hutton JC, et al. **Biochem J** 1984 Dec 1;224(2):483-90

Human growth hormone binding and stimulation of insulin biosynthesis in cloned rat insulinoma cells. Billestrup N. **Biomed Biochim Acta** 1985;44(1):85-7

Characterization of immunoreactive forms of pancreatic polypeptide in islet cell tumors using antisera with different regional specificities. O'Hare MM, et al. **Cancer** 1985 May 1;55(9):1895-8

Vasoactive intestinal polypeptide-, somatostatin-, and calcitonin-producing adrenal pheochromocytoma associated with the watery diarrhea (WDHH) syndrome. First case report with immunohistochemical findings. Viale G, et al. **Cancer** 1985 Mar 1;55(5):1099-106

Cytosolic insulin-degrading activity in islet-derived tumor cell lines and in normal rat islets. Bhathena SJ, et al. **Diabetes** 1985 Feb;34(2):121-8

Characteristics of the interaction of the glucagon receptor, cAMP, and insulin secretion in parent cells and clone 5F of a cultured rat insulinoma. Korman LY, et al. **Diabetes** 1985 Aug;34(8):717-22

Influence of a transplantable insulinoma on the pancreatic status of insulin and pancreatic polypeptide in the rat. O'Hare MM, et al. **Diabetologia** 1985 Mar;28(3):157-60

Growth hormone binding to specific receptors stimulates growth and function of cloned insulin-producing rat insulinoma RIN-5AH cells. Billestrup N, et al. **Endocrinology** 1985 Mar;116(3):1175-81

Pharmacological modifications of insulin release in vitro from fuel-responsive transplantable insulinomas. Hoenig M, et al. **Endocrinology** 1984 Oct;115(4):1496-9

Differences in molecular heterogeneity of glucagon-like immunoreactivity in plasma and liver metastases of a patient with alpha-cell tumor. Kohnert KD, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):89-94

Pentose cycle pathway in normal and tumoral islet cells. Giroix MH, et al. **FEBS Lett** 1985 Jun 3;185(1):1-3

The effect of inositol trisphosphate on Ca2+ fluxes in insulin-secreting tumor cells. Joseph SK, et al. **J Biol Chem** 1984 Nov 10;259(21):12952-5

Inositol 1,4,5-trisphosphate and the endoplasmic reticulum Ca2+ cycle of a rat insulinoma cell line. Prentki M, et al. **J Biol Chem** 1985 Aug 5;260(16):9185-90

Molecular forms of glucagon-like peptide-1 in human pancreas and glucagonomas. Uttenthal LO, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):472-9

MICROBIOLOGY

Peripheral neuropathies, hepatocellular carcinomas and islet cell adenomas in transgenic mice. Messing A, et al. **Nature** 1985 Aug 1-7;316(6027):461-3

PATHOLOGY

Malignant islet-cell tumor of the pancreas diagnosed by fine needle aspiration biopsy. A case report. Hsiu JG, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):576-9

Medical pathology conference. A 54-year-old man with progressive glucose intolerance. Garcia JH, et al. **Ala J Med Sci** 1985 Jul;22(3):281-7

Histologic, immunofluorescence, and ultrastructural study of malignant islet-cell tumors of the pancreas induced in hamsters by BK human papovavirus. Bordi C, et al. **Am J Pathol** 1985 Feb;118(2):256-65

Insulinoma. An immunocytochemical and morphologic analysis of 95 cases. Liu TH, et al. **Cancer** 1985 Sep 15;56(6):1420-9

Pancreatic carcinoma with duct, endocrine, and acinar differentiation. A histologic, immunocytochemical, and ultrastructural study. Schron DS, et al. **Cancer** 1984 Nov 1;54(9):1766-70

Morphologic study of three cases of insulinoma. Histochemical and ultrastructural studies. Yamashita Y, et al. **Cancer** 1985 Feb 15;55(4):841-7

Effects of altered Ca2+ and Mg2+ concentrations on proliferation and functional differentiation of the clonal insulin-producing cells RINm5F. Hoftiezer V, et al. **Cancer Lett** 1985 May;27(1):7-14

Glucocorticoids stimulate the division of rat pancreatic islet tumour cells in tissue culture. Brons G, et al. **Diabetologia** 1984 Nov;27(5):540-4

Atypical Verner-Morrison syndrome. Molloy WD, et al. **Ir Med J** 1985 Apr;78(4):100-1

Glucagonoma syndrome: case report and literature review. Parker CM, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):884-9

Varying expression of cytokeratin and neurofilaments in neuroendocrine tumors of human gastrointestinal tract. Miettinen M, et al. **Lab Invest** 1985 Apr;52(4):429-36

Secretory diarrhea with islet cell hyperplasia and increased immunohistochemical reactivity to serotonin. Nishiyama RH, et al. **Surgery** 1984 Dec;96(6):1038-44

Streptozotocin-induced functioning islet cell tumor in the rat: high frequency of induction and biological properties of the tumor cells. Masiello P, et al. **Toxicol Pathol** 1984;12(3):274-80

Nesidioblastosis and intermediate cells in the pancreas of patients with hyperinsulinemic hypoglycemia. Bani D, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):19-32

MEN I pancreas: a histological and immunohistochemical study. Thompson NW, et al. **World J Surg** 1984 Aug;8(4):561-74

[Somatostatinoma of the liver] Grundmann R, et al. **Leber Magen Darm** 1985 Mar;15(2):81-4 (Eng. Abstr.) **(Ger)**

[Morphological and immunocytochemical studies of pancreatic multiple endocrine neoplasia type-1] Yonemura U, et al. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):811-9 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Quinine inhibits Ca2+-independent K+ channels whereas tetraethylammonium inhibits Ca2+-activated K+ channels in insulin-secreting cells. Findlay I, et al. **FEBS Lett** 1985 Jun 3;185(1):4-8

[Periodically active insulinoma (letter)] Pichl J, et al. **Dtsch Med Wochenschr** 1984 Oct 5;109(40):1543-4 **(Ger)**

[Glucagonoma without the glucagonoma syndrome] Morosini M, et al. **Minerva Chir** 1985 May 31;40(10):707-9 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Preventive and enhancing effects of retinoids on the development of naturally occurring tumors of skin, prostate gland, and endocrine pancreas in aged male ACI/segHapBR rats. Ohshima M, et al. **JNCI** 1985 Feb;74(2):517-24

RADIOGRAPHY

CT features of nonfunctioning islet cell carcinoma. Eelkema EA, et al. **AJR** 1984 Nov;143(5):943-8

Value of intravenous digital subtraction angiography to demonstrate hypervascular endocrine tumors: report of two cases. Baert AL, et al. **Cardiovasc Intervent Radiol** 1984;7(5):193-5

Skin eruption and weight loss in a 57-year-old woman. Tishler JM, et al. **Invest Radiol** 1984 Mar-Apr;19(2):71-5

CT evaluation of glucagonomas. Breatnach ES, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):25-9

Men I syndrome and islet cell lesions of the pancreas. Dodds WJ, et al. **Semin Roentgenol** 1985 Jan;20(1):17-63 (198 ref.)

SECONDARY

Pancreatic islet cell carcinoma with hypercalcemia. Primary hyperparathyroidism or humoral hypercalcemia of malignancy. Rasbach DA, et al. **Am J Med** 1985 Feb;78(2):337-42

Creatine kinase isoenzymes: biochemical findings after therapeutical embolization of the hepatic artery in two patients with liver metastasis of an islet cell carcinoma or a carcinoid tumor. SiragEldin E, et al. **Klin Wochenschr** 1985 Mar 15;63(6):257-61

Benign metastatic islet cell tumour of the pancreas. Lewis MA, et al. **Med Pediatr Oncol** 1985;13(2):97-100

Metastatic insulin-secreting carcinoma of the pancreas: clinical course and the role of surgery. Danforth DN Jr, et al. **Surgery** 1984 Dec;96(6):1027-37

Somatostatinoma--the most recently described pancreatic islet cell tumor. Reynolds C, et al. **West J Med** 1985 Mar;142(3):393-7

Hepatic artery embolization for treatment of endocrine gastrointestinal tumors with liver metastases. Stöckmann F, et al. **Z Gastroenterol** 1984 Nov;22(11):652-60

SECRETION

Pancreatic islet cell tumor associated with Cushing's syndrome. Clark ES, et al. **Am J Surg Pathol** 1984 Dec;8(12):917-24

Pancreatic islet cell carcinoma with gastrin and vasoactive intestinal polypeptide production. Barragry TP, et al. **Arch Surg** 1985 Oct;120(10):1178-81

Role of calcium in defective insulin secretion from human and transplantable rat islet cell tumours. Flatt PR, et al. **Biomed Biochim Acta** 1985;44(1):71-5

Insulin secretion in mammosomatotropic tumor-bearing and pregnant rats. A role for lactogens. Sorenson RL, et al. **Diabetes** 1985 Apr;34(4):337-41

Acromegaly due to secretion of growth hormone by an ectopic pancreatic islet-cell tumor. Melmed S, et al. **N Engl J Med** 1985 Jan 3;312(1):9-17

[Multihormone-producing insulinomas] Liu TH. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):541-4 (Eng. Abstr.) **(Chi)**

[A glucagon-secreting alpha-cell carcinoma of the pancreas] Matsumoto J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):330-4 **(Jpn)**

SURGERY

Pregnancy complicated by insulinoma. Osei K, et al. **Am J Med Sci** 1984 Oct;288(3):133-5

Anaesthetic management of glucagonoma. Nicoll JM, et al. **Anaesthesia** 1985 Feb;40(2):152-7

The role of imaging ultrasound during pancreatic surgery. Sigel B, et al. **Ann Surg** 1984 Oct;200(4):486-93

Surgical treatment for insulinoma: a study of 6 cases. Ichiba Y, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):247-52

Cytoreduction surgery for metastatic glucagonoma. A clinicopathologic study with special reference to the utility of immunocytochemistry and ultrastructure in diagnosis. Rader DL, et al. **Minn Med** 1984 Sep;67(9):483-5, 516

Cystic islet cell tumor: diagnosis and surgical management. Loiterman DA, et al. **Mt Sinai J Med (NY)** 1985 Mar;52(3):212-5

Management of nonfunctioning islet cell tumors of the pancreas. Dial PF, et al. **Surg Clin North Am** 1985 Apr;65(2):291-9

Localization of an occult insulinoma by intraoperative ultrasonography. Norton JA, et al. **Surgery** 1985 Mar;97(3):381-4

Intraoperative ultrasonic localization of endocrine tumors of the pancreas. Rueckert KF, et al. **Surgery** 1984 Dec;96(6):1045-7

Malignant islet-cell tumors of the pancreas. Thompson NW, et al. **World J Surg** 1984 Dec;8(6):940-51

[Insulinoma: recent developments in diagnosis and surgical treatment] Zeng XJ. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):162-5 (Eng. Abstr.) **(Chi)**

[Surgery of insulinoma under an artificial pancreas] Doutre LP, et al. **Ann Chir** 1985 Apr;39(3):177-82 (Eng. Abstr.) **(Fre)**

[Surgery of insulinomas using an artificial pancreas] Doutre LP, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1015-8 (Eng. Abstr.) **(Fre)**

[Tumors of the endocrine pancreas] Funovics J, et al. **Zentralbl Chir** 1984;109(23):1473-81 (Eng. Abstr.) **(Ger)**

[Diagnosis and surgical therapy of organic hyperinsulinism] Wolff H, et al. **Zentralbl Chir** 1985;110(13):811-20 (Eng. Abstr.) **(Ger)**

[Anesthetic management of a patient with insulinoma] Hirabayashi Y, et al. **Masui** 1984 Nov;33(11):1260-4 (Eng. Abstr.) **(Jpn)**

[Enucleation of five islet-cell tumors in multiple endocrine neoplasia type I: a case report] Kasahara Y, et al. **Nippon Geka Hokan** 1984 May 1;53(3):527-35 (Eng. Abstr.) **(Jpn)**

THERAPY

Successful treatment of therapy-resistant pancreatic cholera with human leucocyte interferon. Oberg K, et al. **Lancet** 1985 Mar 30;1(8431):725-7

ULTRASTRUCTURE

Coordinated regulation of free Ca2+ by isolated organelles from a rat insulinoma. Prentki M, et al. **J Biol Chem** 1984 Nov 25;259(22):14054-8

[Two cases of insulinoma--comparison of histochemistry and immunoperoxidase method on imprint cytological slides to histological and ultrastructural findings] Yutani C, et al. **Rinsho Byori** 1985 Jun;33(6):679-87 **(Jpn)**

VETERINARY

Pancreatic beta-cell carcinoma with renal metastasis in a dog. Dahlgren RR, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):425-6

Pancreatic beta cell tumor in a ferret. Kaufman J, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):998-1000

Peripheral polyneuropathy in a dog with functional islet B-cell tumor and widespread metastasis. Shahar R, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):175-7

Islet cell carcinomas in dogs. Bestetti G, et al. **Virchows Arch [A]** 1985;405(2):203-14

ISLET CELL TUMOR, ULCEROGENIC see **ZOLLINGER-ELLISON SYNDROME**

ISOAMYLASE see under **GLYCOSIDE HYDROLASES**

ISOANTIBODIES

see related
BLOOD GROUPS

Sequential administration of human and porcine factor VIII for surgical treatment of a parotid tumour in a patient with a factor VIII inhibitor. Briët E, et al. **Acta Haematol (Basel)** 1985;73(2):97-100

Improvement of the rosette inhibition assay for the detection of early pregnancy factor in humans using the monoclonal antibody, anti-human-Lyt-3. Tinneberg HR, et al. **Am J Reprod Immunol** 1984 Jun;5(4):151-6

Intravenous immunoglobulin for neonatal isoimmune thrombocytopenia. Derycke M, et al. **Arch Dis Child** 1985 Jul;60(7):667-9

The use of monoclonal anti-Thy1 IgG1 for the targeting of liposomes to AKR-A cells in vitro and in vivo. Wolff B, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):259-73

3 alpha-hydroxysteroid and 3 beta-hydroxysteroid-oxidoreductase activities in vitro from prostate of isoimmunized rats. Diserio G, et al. **Cell Mol Biol** 1985;31(2):81-7

Females' isoimmunity to sperm is associated with sperm autoimmunity in their husbands. Mathur S, et al. **J Clin Immunol** 1985 May;5(3):166-71

Injection of anti-thy-1.2 serum breaks genetic resistance of mice against herpes simplex virus. Chmielarczyk W, et al. **J Gen Virol** 1985 May;66 (Pt 5):1087-94

Report of transfusions of M- and P1-positive red cells to a patient with anti-M and anti-P1 [letter] Aubuchon JP, et al. **Transfusion** 1985 Mar-Apr;25(2):181-2

Long-term in vivo survival of Rh(D)-negative donor red cells in a patient with anti-LW. Chaplin H, et al. **Transfusion** 1985 Jan-Feb;25(1):39-43

Survival of Er(a+) red cells in a patient with allo-anti-Era. Thompson HW, et al. **Transfusion** 1985 Mar-Apr;25(2):140-1

ADMINISTRATION & DOSAGE

Experimental radiotherapy of murine lymphoma with 131I-labeled anti-Thy 1.1 monoclonal antibody. Badger CC, et al. **Cancer Res** 1985 Apr;45(4):1536-44

Effect of in vivo administration of Lyt antibodies. Lyt phenotype of T cells in lymphoid tissues and blocking of tumor rejection. Nakayama E, et al. **J Exp Med** 1985 Feb 1;161(2):345-55

Physiology of IgD. V. Enhancement of antibody responses in vivo by allo anti-IgD is due primarily to an indirect effect on B cells. Jacobson EB, et al. **J Immunol** 1985 Oct;135(4):2293-8

Anti-Dob implicated as the cause of a delayed hemolytic transfusion reaction. Moheng MC, et al. **Transfusion** 1985 Jan-Feb;25(1):44-6

ANALYSIS

Acquired B-antigen in a patient with a colo-vesical fistula. Muylle L, et al. **Acta Clin Belg** 1984;39(6):390-2

Microcomputer interpretation of red blood cell panels. Kenney RM, et al. **Am J Clin Pathol** 1985 Apr;83(4):469-73

A solid phase antibody screen. Plapp FV, et al. **Am J Clin Pathol** 1984 Dec;82(6):719-21

An enzyme immunoassay for the detection of antisperm antibodies. Harel W, et al. **Am J Reprod Immunol Microbiol** 1985 Aug;8(4):137-40

Neonatal alloimmune thrombocytopenic purpura and congenital porencephaly in two siblings associated with a 'new' maternal antiplatelet antibody. Friedman JM, et al. **Blood** 1985 Jun;65(6):1412-5

Cardiac injury in myocarditis induced by Coxsackievirus group B, type 3 in Balb/c mice is mediated by Lyt 2 + cytolytic lymphocytes. Guthrie M, et al. **Cell Immunol** 1984 Oct 15;88(2):558-67

Target cell heterogeneity in murine leukemia virus infection. III. Identification of susceptible Lyt 1+ and resistant Lyt 2+ T-cell subsets following in vitro infection with Friend murine leukemia virus. Isaak DD, et al. **Cell Immunol** 1984 Oct 15;88(2):464-74

Detection of ABO isoagglutinins in saliva using toluene. Saneshige Y, et al. **J Forensic Sci Soc** 1984 Sep-Oct; 24(5):489-93

An antibody binding to human neutrophils demonstrates antigenic heterogeneity detected early in myeloid maturation which correlates with functional heterogeneity of mature neutrophils. Seligmann B, et al. **J Immunol** 1985 Oct;135(4):2647-53

Characterization of a murine monoclonal antibody specific for an allotypic determinant on T cell antigen receptor. Staerz UD, et al. **J Immunol** 1985 Jun;134(6):3994-4000

An ELISA for the detection of maternal anti-trophoblast antibodies in human pregnancy. Davies M. **J Immunol Methods** 1985 Feb 28;77(1):109-18

Isohemagglutinins of graft origin after ABO-unmatched liver transplantation. Ramsey G, et al. **N Engl J Med** 1984 Nov 1;311(18):1167-70

HLA antigens-antibodies system and its association with severe toxemia of pregnancy. Fujisawa S. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):124-30

Three examples of anti-Fy3 produced in Negroes. Kosinski KS, et al. **Rev Fr Transfus Immunohematol** 1984 Oct; 27(5):619-24

Influence of maternal antibody anti-Jra on the baby: a case report and pedigree chart. Takabayashi T, et al. **Tohoku J Exp Med** 1985 Jan;145(1):97-101

Experience with the manual Polybrene method in Taiwan [letter] Chu ML, et al. **Transfusion** 1984 Nov-Dec;24(6):543

Posttransfusion purpura. Report of a case with anti-P1A1 masked by HLA antibodies. Dunstan RA, et al. **Transfusion** 1985 May-Jun;25(3):219-22

Comparison of a modified manual hexadimethrine bromide (Polybrene) and a low-ionic-strength solution antibody detection technique. Ferrer Z, et al. **Transfusion** 1985 Mar-Apr;25(2):145-8

Anti-Tcb, an antibody that defines a red cell antigen antithetical to Tca. Lacey PA, et al. **Transfusion** 1985 Jul-Aug;25(4):373-6

The rare red cell phenotype Lan negative in Japanese. Okubo Y, et al. **Transfusion** 1984 Nov-Dec;24(6):534-5

Enhancement of the indirect anti-platelet antibody test and its application to platelet immunology. Orsini F, et al. **Transfusion** 1985 Jan-Feb;25(1):63-7

Elimination of 37 degrees C reading: reduction of workload in a transfusion service [letter] Purcelli J, et al. **Transfusion** 1984 Nov-Dec;24(6):542-3

Antibodies to granulocytes detected by an indirect immunofluorescence method not requiring chemical modification of cells. Schmidt-Melbye A, et al. **Transfusion** 1985 Mar-Apr;25(2):165-9

Red cell alloantibodies in thalassemia major. Results of an Italian cooperative study. Sirchia G, et al. **Transfusion** 1985 Mar-Apr;25(2):110-2

Allo-anti-E in an 18-day old-infant [letter] Smith MR, et al. **Transfusion** 1984 Nov-Dec;24(6):540

Acute hemolysis and renal failure with rifampicin-dependent antibodies after discontinuous administration. Tahan SR, et al. **Transfusion** 1985 Mar-Apr;25(2):124-7

Automated detection of red cell antibodies in donor sera using an automated technology. Theuriere M, et al. **Transfusion** 1985 May-Jun;25(3):257-60

Alloimmunization in patients with warm autoantibodies. A retrospective study employing three donor alloabsorptions to aid in antibody detection. Wallhermfechtel MA, et al. **Transfusion** 1984 Nov-Dec;24(6):482-5

Effect of dithiothreitol treatment of plasma on automated anti-D assay. Ashford PR, et al. **Vox Sang** 1985;49(2):121-5

Influence of IgG subclasses on automated anti-D (Rho) quantification. Boudart D, et al. **Vox Sang** 1984;47(5):373-8

High frequency of anti-A and anti-B haemolysins in certain ethnic groups of Nigeria. Kulkarni AG, et al. **Vox Sang** 1985;48(1):39-41

Detection of IgG anti-Lewis (a) antibodies in cord sera by kinetic Elisa. Spitalnik S, et al. **Vox Sang** 1985;48(4):235-8

[Hemolytic disease of newborn infants caused by anti-Diego antibodies] Monestier M, et al. **Arch Fr Pediatr** 1984 Nov; 41(9):641-3 (Eng. Abstr.) **(Fre)**

[Hemolytic disease of the newborn caused by maternal allo-immunization against erythrocyte antigens other than A, B and rhesus D] Monestier M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):671-80 (Eng. Abstr.) **(Fre)**

[Alloimmune neonatal neutropenia: clinical observations and therapeutic results] Hinkel GK, et al. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):831-6 (Eng. Abstr.) **(Ger)**

[Detection of anti-C+D+G (CD) caused by Rh-incompatible pregnancy] Nakamura Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):457-60 **(Jpn)**

[Studies on anti-erythrocyte antibodies contained in heat-treated human plasma protein, albumin and immunoglobulin preparations--their possible influences on hemolysis in burn patients and in the pretransfusion cross match test] Okubo S, et al. **Rinsho Ketsueki** 1985 Mar; 26(3):392-8 (Eng. Abstr.) **(Jpn)**

[Study on the levels of anti-A, anti-B isoagglutinin titer in various kinds of concentrates for hemophilia treatment--with special regard to the manufacturing process of factor VIII concentrate] Tomita Y, et al. **Rinsho Ketsueki** 1985 Feb;26(2):166-70 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Effects of placental extracts on the immune response to histocompatibility antigens: class deviation of alloantibody response and allograft enhancement. Gupta GS, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):117-23

Transplacental alloimmunization to fetal erythrocytes in rhesus monkeys (Macaca mulatta). Stong RC, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):128-32

Immunological aspects of platelet transfusions [editorial] Murphy MF, et al. **Br J Haematol** 1985 Jul;60(3):409-14

Evolution of alloantibodies and suppressor cells in allografted mice treated for passive enhancement. Duc HT, et al. **Cell Immunol** 1985 Oct 1;95(1):180-94

Senescence of a human lymphoblastoid clone producing anti-Rhesus(D). Melamed MD, et al. **Eur J Immunol** 1985 Jul;15(7):742-6

Cellular basis of anti-SB response. Ohta N, et al. **Hum Immunol** 1984 Nov;11(3):127-41

Lymphocyte alloantigens of the horse. II. Antibodies to ELA antigens produced during equine pregnancy. Antczak DF, et al. **J Reprod Immunol** 1984 Aug;6(5):283-97

Anti-trophoblast antibody responses during normal human pregnancy. Davies M, et al. **J Reprod Immunol** 1985 Jun; 7(4):285-97

Pregnant and pseudopregnant mice produce a low cytotoxic alloantibody response when challenged by fetal but not adult F1 alloantigens. Marshall J, et al. **J Reprod Immunol** 1985 May;7(3):243-8

High-dose intravenous immunoglobulin for severe platelet alloimmunization. Becton DL, et al. **Pediatrics** 1984 Dec; 74(6):1120-3

Preparation of anti-Lea and anti-Rh0 (D) sera by immunization with blood group substance trapped in autologous red cell ghost. Yokoi T, et al. **Tohoku J Exp Med** 1984 Nov;144(3):321-5

CLASSIFICATION

Quantitation of immunoglobulin classes and subclasses in anti-Rh (D) antibodies. Mattila PS, et al. **Vox Sang** 1985; 48(6):350-6

Immunoglobulin class heterogeneity of platelet alloantibodies. Miller K, et al. **Vox Sang** 1984;47(6):421-6

DIAGNOSTIC USE

The molecules recognized by anti-MT2 alloantisera and anti-MT2-like (DRw52) monoclonal antibodies are different. Schiffenbauer J, et al. **Hum Immunol** 1985 Apr; 12(4):223-33

IMMUNOLOGY

Transplant of rhesus-positive bone marrow in a rhesus-negative woman having anti-rhesus D alloantibodies. Rigal D, et al. **Acta Haematol (Basel)** 1985; 73(3):153-6

IgG subclasses and Gm allotypes of anti-D antibodies during pregnancy: correlation with the gravity of the fetal disease. Parinaud J, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1111-5

Failure of cesarean section to prevent intracranial hemorrhage in siblings with isoimmune neonatal thrombocytopenia. Sia CG, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):79-81

Isoimmunization in pregnancy to Gerbich antigen. Sacks DA, et al. **Am J Perinatol** 1985 Jul;2(3):208-10

Common specificities of auto- and iso-antibodies to human spermatozoa. Kay DJ, et al. **Am J Reprod Immunol Microbiol** 1985 May;8(1):10-4

Studies on the possibility of induction of anti-H-2 alloreactive cytotoxic antibodies by syngeneic immunization. Opolski A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):621-30

Acquired hypoprothrombinemia due to non-neutralizing antibodies to prothrombin: mechanism and management. Bajaj SP, et al. **Blood** 1985 Jun;65(6):1538-43

Identification of platelet proteins that bind alloantibodies and autoantibodies. Devine DV, et al. **Blood** 1984 Dec; 64(6):1240-5

Binding of antisperm isoantibodies from a woman at risk for immunologic infertility to intraacrosomal components of donor spermatozoa. Tesařík J, et al. **Fertil Steril** 1985 Jul; 44(1):138-41

Studies of alloantibody effect on skin graft survival in mice. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):271-4

Studies of immunosuppressive effect of anti-recipient alloantiserum. I. Effect on skin graft survival in mice. Dohi K, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):507-11

Studies of immunosuppressive effect of anti-recipient alloantiserum. II. Effect on in vitro MLR and CML. Dohi K, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):513-9

DR5-associated DC molecules carry three different allospecificities. Tanigaki N, et al. **Hum Immunol** 1985 Jan; 12(1):47-57

IA mutation affects anti-Thy-1 response in mice. Quackenbush LJ, et al. **Immunogenetics** 1985;21(6):617-21

Anti-nuclear antibodies in murine alloantisera are not necessarily related to antibodies to murine leukemia viruses. Yetter RA, et al. **Immunol Invest** 1985 Apr;14(2):161-6

The functional association of Lyt antigens with lymphokine production. Hollander N, et al. **Immunology** 1985 Jan; 54(1):25-33

ABO blood group and susceptibility to urinary tract infection: no evidence for involvement of isohaemagglutinins. Blackwell CC, et al. **J Clin Lab Immunol** 1984 Dec;15(4):191-4

Antibodies to equine antithymocyte globulin in heart transplant recipients: evaluation of an enzyme immunoassay. Harkiss GD. **J Clin Lab Immunol** 1984 Dec; 15(4):175-80

Antibodies to common leukocyte antigen p220 influence human T cell proliferation by modifying IL 2 receptor expression. Ledbetter JA, et al. **J Immunol** 1985 Sep; 135(3):1819-25

Characterization of a dominant anti-Ia idiotype using the IA mutant mouse strain B6.C-H-2bm12. Melino MR, et al. **Mol Immunol** 1985 Apr;22(4):417-26

Hemolytic disease of the newborn due to anti-M. Yoshida H, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul; 47(4):888-95

'Exon-shuffling' maps control of antibody- and T-cell-recognition sites to the NH2-terminal domain of the class II major histocompatibility polypeptide A beta. Germain RN, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2940-4

Human major histocompatibility complex class I antigens: residues 61-83 of the HLA-B7 heavy chain specify an alloreactive site. Walker LE, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):539-42

Human alloantiserum against PHA-activated cells. Cytotoxicity associated with the HLA-A3 antigen. Bućin D, et al. **Tissue Antigens** 1985 Jan;25(1):50-4

The potentiation of 'incomplete' mouse monoclonal anti-Lea agglutination with colloids. Inglis G, et al. **Transfusion** 1985 Jul-Aug;25(4):355-9

Evidence that protective Fc-receptor-blocking antibodies in renal transplantation are alloantibodies not autoantibodies. MacLeod AM, et al. **Transplantation** 1985 May;39(5):520-3

Genetic control of production of IgG antibody against allogeneic erythrocytes in rats. Majoor GD, et al. **Transplantation** 1985 Feb;39(2):216-7

Failure of B-cold lymphocytotoxins to enhance cadaveric renal allograft survival. Mendez R, et al. **Transplantation** 1985 Sep;40(3):253-6

The serology of febrile transfusion reactions. de Rie MA, et al. **Vox Sang** 1985;49(2):126-34

Transfusion-induced alloimmunization in patients awaiting renal allografts. Moore SB, et al. **Vox Sang** 1984; 47(5):354-61

Effect of the binding of anti-Zwa antibodies on platelet function. van Leeuwen EF, et al. **Vox Sang** 1984; 47(4):280-9

A comparison between Fc receptors for IgG1 and IgG3 on human monocytes and lymphocytes using anti-Rh antibodies. Zupańska B, et al. **Vox Sang** 1985;49(1):67-76

[Irregular erythrocyte antibodies during pregnancy] van Dijk BA, et al. **Ned Tijdschr Geneeskd** 1985 Jul 20; 129(29):1361-4 **(Dut)**

[Neonatal alloimmune thrombopenia. Clinical and biological study of 84 cases] Muller JY, et al. **Presse Med** 1985 Jan 19;14(2):83-6 (Eng. Abstr.) **(Fre)**

[Treatment of traumatic vitreal hemorrhages in Rh-positive patients with intravitreal injection of anti-Rh antibodies] Morawiecki J. **Fortschr Ophthalmol** 1984;81(3):265-6 (Eng. Abstr.) **(Ger)**

[Alloimmune thrombocytopenia in newborn infants caused by specific anti-platelet antibodies] Maślanka K. **Pediatr Pol** 1985 Jan;60(1):69-75 (Eng. Abstr.) **(Pol)**

[Nonidentity of Lyt phenotypes and the radiosensitivity of early and late producers of macrophage migration inhibitory factor in reaction to H-2 complex antigens] Berkova NP, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):176-8 (Eng. Abstr.) **(Rus)**

[Phenomenon of indirect isoserological incompatibility in experimental transfusion research and its clinical significance] Sumbatov LA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):15-7 (Eng. Abstr.) **(Rus)**

[Perinatal hemolytic disease caused by anti-c. A clinical case] Donoso Siña E, et al. **Rev Chil Obstet Ginecol** 1983; 48(3):175-9 (Eng. Abstr.) **(Spa)**

[Isoimmune neonatal thrombopenia caused by anti-PLA1 antibodies. Apropos of 2 cases] Loza J, et al. **Sangre (Barc)** 1984;29(3):310-3 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

Allogeneic reactivity in normal mouse serum. Lynes MA, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):189-96

Elution of anti-Cra. Superiority of the digitonin-acid elution method. Reid ME, et al. **Transfusion** 1985 Mar-Apr; 25(2):172-3

Whole blood immunoadsorption of anti-A or anti-B antibodies. Bensinger WI, et al. **Vox Sang** 1985;48(6):357-61

The second example of anti-K22 and a family genetically informative for K and K22. Manny N, et al. **Vox Sang** 1985;49(2):135-7

PHYSIOLOGY

Severe erythroblastosis fetalis secondary to anti-Kpb sensitization. Dacus JV, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):888-9

The mechanism of factor VIII inactivation by human antibodies. II. The effect of factor VIII R: antigen on the rate of interaction. Lazarchick J. **Ann Clin Lab Sci** 1985 Jan-Feb;15(1):76-82

Comparison of inhibitory and binding characteristics of an antibody causing acquired von Willebrand syndrome: an assay for von Willebrand factor binding by antibody. Fricke WA, et al. **Blood** 1985 Sep;66(3):562-9

Hemophilia B with inhibitor: molecular analysis of the subtotal deletion of the factor IX gene. Hassan HJ, et al. **Blood** 1985 Sep;66(3):728-30

A monoclonal antibody that recognizes an Ly-6-linked antigen inhibits the generation of functionally active T cell subsets. Flood PM, et al. **J Immunol** 1985 Jul;135(1):63-72

Antibody-induced suppression and postsuppression stimulation of complement in vitro. II. Intracellular and extracellular changes in C4 during long-term C4 suppression in guinea pig splenic fragments. Goldman MB, et al. **J Immunol** 1985 May;134(5):3298-306

Antibodies to nonpolymorphic determinants of the Thy-1 molecule inhibit T cell proliferation. Hollander N. **J Immunol** 1985 May;134(5):2916-21

Lyt-2+ suppressor T cells are resistant to anti-Lyt-2 antibody blocking. Hollander N. **J Immunol** 1985 Apr; 134(4):2205-8

A delayed hemolytic transfusion reaction due to anti-Cob. Squires JE, et al. **Transfusion** 1985 Mar-Apr;25(2):137-9

Prevention of graft-versus-host disease using antibody to Thy 1. A role for complement in vivo. Hamilton BL, et al. **Transplantation** 1985 Jul;40(1):90-6

THERAPEUTIC USE

An immunotoxin composed of monoclonal anti-Thy 1.1 antibody and a ribosome-inactivating protein from Saponaria officinalis: potent antitumor effects in vitro and in vivo. Thorpe PE, et al. **JNCI** 1985 Jul;75(1):151-9

[Anti-thymocyte globulin therapy in severe aplastic anemia: an alternative to bone marrow transplantation] Haas RJ, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):101-5 (Eng. Abstr.) **(Ger)**

ISOANTIGENS

see related

BLOOD GROUPS

Secondary structure of the murine histocompatibility alloantigen H-2Kb: relationship between heavy chain, beta 2-microglobulin, and antigenic reactivity. Yokoyama K, et al. **Biochemistry** 1985 Jun 4;24(12):3002-6

Immunochemical characterization of the platelet-specific alloantigen Leka: a comparative study with the PlA1 alloantigen. Kieffer N, et al. **Blood** 1984 Dec;64(6):1212-9

Alloantigenic systems in the rat. Fifth International Workshop. Montreal, Quebec, Canada, Aug 22-24, 1984. **Transplant Proc** 1985 Jun;17(3):1793-934

The transfer of bovine J blood-group activity to erythrocytes: kinetic studies. Wagner R, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):601-10

ADMINISTRATION & DOSAGE

Oral Rh treatment for severely immunized mother [letter] Parinaud J, et al. **Am J Obstet Gynecol** 1984 Dec 1; 150(7):902

Studies on the induction of tolerance to alloantigens. I. The abrogation of potentials for delayed-type-hypersensitivity response to alloantigens by portal venous inoculation with allogeneic cells. Qian J, et al. **J Immunol** 1985 Jun; 134(6):3656-61

Impact of the timing of antigen administration on synergistic immunosuppression with cyclosporine. Yoshimura N, et al. **Transplantation** 1985 Jul;40(1):108-10

ANALYSIS

Presence of P blood group antigens on human platelets. Dunstan RA, et al. **Am J Clin Pathol** 1985 Jun;83(6):731-5

ABH blood group isoantigen expression in breast carcinomas--an immunohistochemical evaluation using monoclonal antibodies. Lee AK, et al. **Am J Clin Pathol** 1985 Mar;83(3):308-19

Isoantigenicity of rabbit sperm, testis, and their extracts as demonstrated by Western blot enzyme immunobinding procedure. Naz RK, et al. **Arch Androl** 1984;13(2-3):279-87

Altered membrane sialoglycoproteins in human erythrocytes lacking the Gerbich blood group antigens. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):201-11

High frequency antigens of human erythrocyte membrane sialoglycoproteins. I. Ena receptors in the glycosylated domain of the MN sialoglycoprotein. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):41-51

Zwa antigen distribution on the human platelet: an electron microscope study using a colloidal gold labelled marker. Saunders PW, et al. **Br J Haematol** 1985 Feb;59(2):209-19

Blood group antigen expression in nephroblastoma. Gane P, et al. **Br J Urol** 1984 Apr;56(2):153-8

Appearance of H and B antigens in primary sensory cells of the rat olfactory apparatus and inner ear. Mollicone R, et al. **Brain Res** 1985 Jan;349(1-2):275-9

Immunological approaches to the purification of putative premalignant hepatocytes from genotypic mosaic rat livers. Hunt JM, et al. **Cancer Res** 1985 May;45(5):2226-33

Epithelial isoantigens A, B and H in oral carcinomas. Gupta YN, et al. **Ear Nose Throat J** 1985 May;64(5):239-42

A modified immunoperoxidase method for the detection of ABH tissue isoantigens in patients with bladder carcinoma. Stul MS, et al. **Exp Pathol** 1985;27(2):119-22

Experience in the detection of red cell antigens and HLA antigens in bloodstains. Lincoln PJ, et al. **Haematologia (Budap)** 1984;17(2):299-305

Visualization of urothelial blood group isoantigens A and B using direct biotin-labeled antibodies and avidin-biotin-peroxidase complex. Lin CW, et al. **J Histochem Cytochem** 1984 Dec;32(12):1139-43

Improved immunohistochemical localization of tissue antigens using modified methacarn fixation. Mitchell D, et al. **J Histochem Cytochem** 1985 May;33(5):491-5

Monoclonal antibody to murine neutrophils: identification of the Gm-2.2 specificity. Hibbs ML, et al. **J Immunol** 1984 Nov;133(5):2619-23

Biochemical characterization of murine lymphoid alloantigen Ly-m20.2, a cell surface marker controlled by a gene linked to the Mls locus. Mark WH, et al. **J Immunol** 1985 Oct; 135(4):2635-41

Antigenic profile and functional characterization of human peritoneal macrophages. Mottolese M, et al. **J Immunol** 1985 Jul;135(1):200-6

Expression of the Ly-5 alloantigenic system on epidermal cells. Leibl H, et al. **J Invest Dermatol** 1985 Feb;84(2):91-5

A, B and H antigens in normal urothelium: an immunohistochemical study using monoclonal antibodies with the avidin-biotin complex technique. Seal GM, et al. **J Urol** 1985 Mar;133(3):513-6

A new erythrocytic antigen of C57BL/10 (B10) mice. Walker MC, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):402-6

Immunochemical characterization of platelet-specific alloantigens. Mulder A, et al. **Scand J Haematol** 1984 Sep; 33(3):267-74

Semiquantitation of ABH antigens specific for red blood cells. Sagisaka K, et al. **Tohoku J Exp Med** 1985 Jun;146(2):163-6

Fluorescence methods for measuring the A, B, and H isoantigens on cytological material from bladder carcinoma. Borgström E, et al. **Urol Res** 1985;13(2):43-5

[A new B-cell alloantigen of the rat] Fujimoto Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):412-24 (Eng. Abstr.) **(Jpn)**

[Isoantigens ABH in bladder tumors as an indicator of malignant potential. II. Results of a long-term follow-up and technical problems] Kumon H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):731-8 (Eng. Abstr.) **(Jpn)**

[Isoantigens ABH in bladder tumors as an indicator of malignant potential. III. Detection by PAP method and a classification of staining pattern] Nasu Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):739-43 (Eng. Abstr.) **(Jpn)**

[Blood platelet-specific antigens and antibodies. Clinical significance in blood platelet deficiency in neonates and after transfusion] Nordhagen R, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):746-8 (Eng. Abstr.) **(Nor)**

[Use of Soviet papain for isoserologic studies] Danilova TN, et al. **Lab Delo** 1984;(9):567-9 (Eng. Abstr.) **(Rus)**

GENETICS

Lymphocyte alloantigens of the horse. III. ELY-2.1: a lymphocyte alloantigen not coded for by the MHC. Antczak DF. **Anim Blood Groups Biochem Genet** 1984; 15(2):103-15

Comparison of ELY-2.1 with blood group and ELY-1 markers in the horse. Bailey E, et al. **Anim Blood Groups Biochem Genet** 1984;15(2):117-22

Joint report of the Second International Workshop on Lymphocyte Alloantigens of the Horse, held 3-8 October 1982. Bailey E, et al. **Anim Blood Groups Biochem Genet** 1984;15(2):123-32

Distribution of the ABO and LH blood groups in the Jat Sikh and Harijans (Punjab, India). Kaur I, et al. **Anthropol Anz** 1984 Dec;42(4):315-8

Sjögren's syndrome. Influence of multiple HLA-D region alloantigens on clinical and serologic expression. Wilson RW, et al. **Arthritis Rheum** 1984 Nov;27(11):1245-53

Identification of two forms of the Ly-6.2 antigen showing differential expression. Sutton VR, et al. **Immunogenetics** 1985;21(6):539-47

Expression of murine Lm-1 locus. Lm-1 determinants on lymphocytes and macrophages, and effects of Lm-1 incompatibility on bone marrow grafts. O'Toole MM, et al. **J Exp Med** 1985 Aug 1;162(2):607-24

The target minor H antigen for F1 cytotoxic T lymphocytes induced by Igh-congenic parental spleen cells is coded for by gene linked to H-2. Ishikawa H, et al. **J Immunol** 1985 May;134(5):2953-9

Demonstration of structural polymorphism among MB3 light chains by two-dimensional gel electrophoresis. Ishikawa N, et al. **J Immunol** 1985 Jan;134(1):417-22

Polymorphisms of genetic markers in the red cell antigen, serum protein and red cell isoenzyme of the cats. Ikemoto S, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):317-20

Tests of association of lymphocyte alloantigen genotypes with resistance to viral oncogenesis in chickens. 2. Rous sarcoma and lymphoid leukosis in progeny derived from 6(3) X 15(1) and 100 X 6(3) crosses. Bacon LD, et al. **Poult Sci** 1985 Jan;64(1):39-47

Ea-A and Ea-E cellular antigen genes in Leghorn lines resistant and susceptible to acute cecal coccidiosis. Johnson LW, et al. **Poult Sci** 1984 Sep;63(9):1695-704

The Ly-15 alloantigenic system: a genetically determined polymorphism of the murine lymphocyte function-associated antigen-1 molecule. Hogarth PM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):526-30

The vascular endothelial cell antigen system. Cerilli J, et al. **Transplantation** 1985 Mar;39(3):286-9

[Gm and Km allotype determination in fresh and putrefied dilute stomach extracts] Henke J, et al. **Z Rechtsmed** 1984; 93(3):187-91 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Functional interactions of LFA-1, T8 and alloantigen surface structures in T-cell mediated cytotoxicity. Ware CF, et al. **Adv Exp Med Biol** 1985;184:323-41

Anti-Pr cold hemagglutination associated with livedo reticularis. Rose VL, et al. **Am J Hematol** 1985 Aug; 19(4):419-21

Isoimmunization in pregnancy to Gerbich antigen. Sacks DA, et al. **Am J Perinatol** 1985 Jul;2(3):208-10

Studies on the bovine lymphocyte antigens and the production of lymphocytotoxic antibodies by parous cattle. Dufty JH, et al. **Anim Blood Groups Biochem Genet** 1985; 16(2):85-92

Antigen-specific response among T lymphocytes following intestinal administration of alloantigens. Husband AJ, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):687-99

Activated human T cells can present alloantigens but cannot present soluble antigens. Gerrard TL, et al. **Cell Immunol** 1985 Oct 1;95(1):65-74

I-region restriction of alloantigen recognition: alloantigen expressed on the surface of a hybridoma cell must be presented in the context of self class II major histocompatibility complex determinants for recognition by a dual-reactive T-cell clone. Ma DI, et al. **Cell Immunol** 1985 Jul;93(2):327-39

Effect of cyclosporin A on the non-MHC endothelial antibody response in the rat. Henny FC, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):249-53

Changes in the expression of blood-group carbohydrates during oral mucosal development in human fetuses. Vedtofte P, et al. **Differentiation** 1984;27(3):221-8

The glycosphingolipid globoside as a serological marker on cytolytic T lymphocyte precursors and alloantigen-responsive proliferating T lymphocytes in murine spleen. Mühlradt PF, et al. **Eur J Immunol** 1984 Sep;14(9):852-8

Effect of low dose X-irradiation on alloantigen sensitized and unsensitized lymphocytes. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):759-63

Lym 7.2: monoclonal antibody defining an alloantigen similar or identical to Ly 7.2. Lanier LL, et al. **Hybridoma** 1982; 1(3):227-41

The presentation of cell surface alloantigens to T cells. Owens T, et al. **Immunobiology** 1984 Dec;168(3-5):189-201 (54 ref.)

Absence of suppression in natural and induced tolerance to F antigen. Nardi NB. **Immunogenetics** 1984;20(4):387-95

AT-1.1: a thymus-specific alloantigen of chickens. Waytes AT, et al. **Immunogenetics** 1984;20(4):359-71

Demonstration of allospecific differences in human stratum corneum autoantibodies by blocking immunofluorescence. Dabski K, et al. **Int Arch Allergy Appl Immunol** 1985; 77(3):281-6

Induction of alloreactive immunosuppression by 1,4-bis [(2-aminoethyl)amino]-5,8-dihydroxy-9,10-anthracenedion dihydrochloride (CL 232,468). Wang BS, et al. **Int J Immunopharmacol** 1984;6(5):475-82

Induction of class II (Ia) alloantigen expression on corneal endothelium in vivo and in vitro. Donnelly JJ, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):575-80

Induction of cytolytic activity by anti-T3 monoclonal antibody. Activation of alloimmune memory cells and natural killer cells from normal and immunodeficient individuals. Suthanthiran M, et al. **J Clin Invest** 1984 Dec; 74(6):2263-71

Identification of two cis-encoded HLA-DQ molecules that carry distinct alloantigenic specificities. Johnson JP, et al. **J Exp Med** 1984 Nov 1;160(5):1350-9

Functional properties of T cell clones with a double specificity for alloantigens and foreign antigens. Waters SJ, et al. **J Exp Med** 1984 Nov 1;160(5):1300-15

Natural killer activity in cloned cytotoxic T lymphocytes: regulation by interleukin 2, interferon, and specific antigen. Brooks CG, et al. **J Immunol** 1985 Aug;135(2):1145-52

Immunoregulatory T cell circuits in man. Identification of a distinct T cell subpopulation of the helper/inducer lineage that amplifies the development of alloantigen-specific suppressor T cells. Damle NK, et al. **J Immunol** 1985 Jan; 134(1):235-43

H-41, a new minor histocompatibility locus. I. Histogenetic analysis. Juretić A, et al. **J Immunol** 1984 Dec; 133(6):2950-4

Induction of infectious immunodeficiency in BALB/c mice by serial transfer of lymphocytes immune to alloantigens. Kim BS, et al. **J Immunol** 1985 Jul;135(1):255-60

Activation requirements for antigen- and mitogen-induced interferon-gamma release from cytotoxic T lymphocytes. Klein JR, et al. **J Immunol** 1985 Apr;134(4):2456-61

T cell regulation of interferon-alpha/beta (IFN-alpha/beta) production by alloantigen-stimulated bone marrow cells. Reyes VE, et al. **J Immunol** 1985 May;134(5):3137-41

Recognition and response to alloantigens in vivo. II. Priming with accessory cell-depleted donor allogeneic splenocytes: induction of specific unresponsiveness to foreign major histocompatibility complex determinants. Ryan JJ, et al. **J Immunol** 1984 Nov;133(5):2343-50

The role of epidermal cells in the induction of delayed-type hypersensitivity to alloantigens. Tamaki K, et al. **J Invest Dermatol** 1985 Jul;85(1):20-4

Lymphocyte alloantigens of the horse. II. Antibodies to ELA antigens produced during equine pregnancy. Antczak DF, et al. **J Reprod Immunol** 1984 Aug;6(5):283-97

Pregnant and pseudopregnant mice produce a low cytotoxic alloantibody response when challenged by fetal but not adult F1 alloantigens. Marshall J, et al. **J Reprod Immunol** 1985 May;7(3):243-8

Maternal immunoregulation: interrelationship between alloreactive and anti-self plus conventional antigen T sets of cells. Piazzón I, et al. **J Reprod Immunol** 1985 May; 7(3):249-60

Studies on the nature of the human platelet alloantigen, PlA1: localization to a 17,000-dalton polypeptide. Newman PJ, et al. **Mol Immunol** 1985 Jun;22(6):719-29

The MT4 allodeterminant is borne on an HLA-DS molecule on DR5 cells. Zangara RJ, et al. **Scand J Immunol** 1984 Sep;20(3):251-4

Immunogenicity of and immune response to the human platelet antigen Zwa is strongly associated with HLA-B8 and DR3. Mueller-Eckhardt C, et al. **Tissue Antigens** 1985 Jul;26(1):71-6

Vascular endothelial alloantigens in renal transplantation. Paul LC, et al. **Transplantation** 1985 Aug;40(2):117-23 (89 ref.)

Rapid expansion of allospecific cytotoxic T cell clones using nonspecific feeder cell lines without further addition of exogenous IL2. van de Griend RJ, et al. **Transplantation** 1984 Oct;38(4):401-6

Effect of the binding of anti-Zwa antibodies on platelet function. van Leeuwen EF, et al. **Vox Sang** 1984; 47(4):280-9

[Effect of anti-HLA-A1 and anti-PLA1 antibodies on the efficacy of platelet transfusion] Forest G. **Union Med Can** 1984 Jul;113(7):607-9 (Eng. Abstr.) **(Fre)**

[Alloimmune thrombocytopenia in newborn infants caused by specific anti-platelet antibodies] Maślanka K. **Pediatr Pol** 1985 Jan;60(1):69-75 (Eng. Abstr.) **(Pol)**

[Inhibition of macrophage phagocytic activity by selective sensitization to alloantigens of the H-2 system] Santamaria M, et al. **Rev Esp Fisiol** 1985 Jun;41(2):217-20 (Eng. Abstr.) **(Spa)**

[Isoimmune neonatal thrombopenia caused by anti-PLA1 antibodies. Apropos of 2 cases] Loza J, et al. **Sangre (Barc)** 1984;29(3):310-3 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

A human sperm coating antigen isolated from sperm cell membrane. Saji F, et al. **Am J Reprod Immunol Microbiol** 1985 Aug;8(4):132-6

Gm-3.2, a new granulocyte/macrophage alloantigen. Hibbs ML, et al. **Immunogenetics** 1985;21(1):61-70

The murine plasma cell antigen PC-1: purification and partial amino acid sequence. Stearne PA, et al. **J Immunol** 1985 Jan;134(1):443-8

Auto- and iso-antigens of human spermatozoa detected by immunoblotting with human sera after SDS-PAGE. Naaby-Hansen S, et al. **J Reprod Immunol** 1985 Jan; 7(1):41-57

Single-step immunosorbent preparation of F-protein from mouse liver with conservation of the allo-antigenic site, and determination of concentration in liver and serum. Wedderburn L, et al. **Mol Immunol** 1984 Oct;21(10):979-84

PHARMACODYNAMICS

Nonspecific recruitment of cytotoxic effector cells in the intestinal mucosa of antigen-primed mice. Klein JR, et al. **J Exp Med** 1984 Dec 1;160(6):1931-6

RADIATION EFFECTS

Effects of ultraviolet radiation on human epidermal cell alloantigen presentation: initial depression of Langerhans cell-dependent function is followed by the appearance of T6- Dr+ cells that enhance epidermal alloantigen presentation. Cooper KD, et al. **J Immunol** 1985 Jan; 134(1):129-37

ISOBUTANES see **BUTANES**

ISOBUTRAZINE see **TRIMEPRAZINE**

ISOCARBOXAZID

ANALYSIS

Determination of hydrazine in pharmaceuticals IV: Hydrazine and benzylhydrazine in isocarboxazid. Lovering EG, et al. **J Pharm Sci** 1985 Jan;74(1):105-7

THERAPEUTIC USE

Monoamine oxidase inhibitors in the treatment of atypical depression. Zisook S, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):131-7

ISOCITRATE DEHYDROGENASE

ANALYSIS

Regulation of NAD- and NADP-linked isocitrate dehydrogenase by thyroxine in the brain and liver of female rats of various ages. Yadav RN. **Biochem Med** 1985 Jun; 33(3):312-9

BLOOD

[Serum enzymology in the goat: the usual levels of CPK, LDH, ICDH and SDH] Garnier F, et al. **Ann Rech Vet** 1984;15(1):55-8 (Eng. Abstr.) **(Fre)**

GENETICS

Linkage studies on alpha-glycerophosphate and isocitrate dehydrogenases in Aedes albopictus (Diptera: Culicidae). Tadano T. **Biochem Genet** 1984 Aug;22(7-8):587-95

Probable assignment of soluble isocitrate dehydrogenase (IDH1) to 2q33.3. Narahara K, et al. **Hum Genet** 1985; 71(1):37-40

Linkage of the MBG locus to another functionally hemizygous gene locus (IDH2) on chromosome Z3 in Chinese hamster ovary cells. Adair GM, et al. **Mol Cell Biol** 1985 Jan;5(1):109-113

METABOLISM

Isocitrate dehydrogenase assays on intact bacterial cells. Pearce LG, et al. **Anal Biochem** 1985 May 15;147(1):194-6

Thermostability of enzymes of the tricarboxylic acid cycle of Bacillus coagulans. Jones MV, et al. **Antonie Van Leeuwenhoek** 1985;51(2):193-201

Inhibition and activation of bovine heart NAD-specific isocitrate dehydrogenase by ATP. Gabriel JL, et al. **Arch Biochem Biophys** 1985 Jul;240(1):128-34

The phosphorylation of Escherichia coli isocitrate dehydrogenase in intact cells. Borthwick AC, et al. **Biochem J** 1984 Sep 15;222(3):797-804

Regulation of NAD- and NADP-linked isocitrate dehydrogenase by thyroxine in the brain and liver of female rats of various ages. Yadav RN. **Biochem Med** 1985 Jun; 33(3):312-9

Spectroscopic studies of the interactions of coenzymes and coenzyme fragments with pig heart, oxidized triphosphopyridine nucleotide specific isocitrate dehydrogenase. Mas MT, et al. **Biochemistry** 1985 Mar 26; 24(7):1634-46

Cytoplasmic NADP-linked dehydrogenase activities in avian tissues. Pearson DJ, et al. **Comp Biochem Physiol [B]** 1985; 81(3):727-31

NADP-isocitric dehydrogenase of gerbil adrenal mitochondria: support of steroid hydroxylation. McCarthy JL, et al. **Experientia** 1985 Apr 15;41(4):484-5

The role of dissimilar subunits of NAD-specific isocitrate dehydrogenase from pig heart. Evaluation using affinity labeling. Ehrlich RS, et al. **J Biol Chem** 1984 Oct 10; 259(19):11936-42

A multilocus system for studying tissue and subcellular specialization. The three NADP-dependent isocitrate dehydrogenase isozymes of the fish Fundulus heteroclitus. Gonzalez-Villaseñor LI, et al. **J Biol Chem** 1985 Aug 5; 260(16):9106-13

Affinity labeling of the allosteric ADP activation site of NAD-dependent isocitrate dehydrogenase by 6-(4-bromo-2,3-dioxobutyl)thioadenosine 5'-diphosphate. Huang YC, et al. **J Biol Chem** 1984 Oct 25;259(20):12481-8

Compensatory phosphorylation of isocitrate dehydrogenase. A mechanism for adaptation to the intracellular environment. LaPorte DC, et al. **J Biol Chem** 1985 Sep 5;260(19):10563-8

The branch point effect. Ultrasensitivity and subsensitivity to metabolic control. LaPorte DC, et al. **J Biol Chem** 1984 Nov 25;259(22):14068-75

Branch point control by the phosphorylation state of isocitrate dehydrogenase. A quantitative examination of fluxes during a regulatory transition. Walsh K, et al. **J Biol Chem** 1985 Jul 15;260(14):8430-7

[Space-time changes in isocitrate dehydrogenase activity in the rat liver] Markina VV. **Biull Eksp Biol Med** 1984 Oct; 98(10):431-4 (Eng. Abstr.) **(Rus)**

[Calcium-dependent regulation of NAD-isocitrate dehydrogenase in the rat heart mitochondria] Larionov NP, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):87-9 (Eng. Abstr.) **(Rus)**

ISOCITRATE HYDRO-LYASE see **ACONITATE HYDRATASE**

ISOCITRATE LYASE see under **KETOACID-LYASES**

ISOCITRATES

METABOLISM

pH profiles and isotope effects for aconitases from Saccharomycopsis lipolytica, beef heart, and beef liver. alpha-Methyl-cis-aconitate and threo-Ds-alpha-methylisocitrate as substrates. Schloss JV, et al. **Biochemistry** 1984 Sep 25;23(20):4572-80

Catecholamine control of enzymes involved in isocitrate oxidation of rat liver mitochondria. Kulinsky VI, et al. **FEBS Lett** 1984 Nov 5;177(1):143-5

ISODESMOSINE see under **AMINO ACIDS**

ISOELECTRIC FOCUSING

The analysis of soluble galactosyltransferase isoenzyme patterns using high resolution agarose isoelectricfocusing. Davey R, et al. **Biochem Int** 1983 May;6(5):643-51

Quantification of proteins in tracheobronchoalveolar lavage fluid by isoelectric focusing and scanning densitometry. A methodological study on rats. Stelander M. **Eur J Respir Dis [Suppl]** 1984;138:1-134

Isoelectric focusing followed by silver staining. A suitable method for routine investigation of cerebrospinal fluid proteins. Wikkelsö C, et al. **Eur Neurol** 1984;23(4):306-12

The use of isoelectric focusing (IEF) as a method for the combined phenotyping of erythrocyte acid phosphatase (EAP) and esterase D (EsD). Finney ST, et al. **Forensic Sci Int** 1985 Apr;27(4):237-45

Isolation of a membrane protein by chromatofocusing: cytochrome b-561 of the adrenal chromaffin granule. Wakefield LM, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):331-41

Isoelectric focusing of human antibody to the Haemophilus influenzae b capsular polysaccharide: restricted and identical spectrotypes in adults. Insel RA, et al. **J Immunol** 1985 Oct;135(4):2810-6

Gc subtypes determined by ultrathin-layer isoelectric focusing. Distribution in the Veneto population (Italy). Cortivo P, et al. **Z Rechtsmed** 1984;93(4):311-5

[Differentiation of Legionella pneumophila serotypes using isoelectric focusing of free proteins] Schindler J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov;33(6):346-51 (Eng. Abstr.) **(Cze)**

[Comparison of venoms of 3 species of Vipera type by electrofocusing] Debourcieu L, et al. **Ann Pharm Fr** 1984; 42(5):479-85 (Eng. Abstr.) **(Fre)**

[Value of electrofocusing for purifying lipoprotein lipase and preparing anti-LPL antibodies] Noé L, et al. **Reprod Nutr Dev** 1985;25(1B):271-4 **(Fre)**

[Comparative study of hormonal preparations by isoelectric focusing and polyacrylamide gel electrophoresis] Babich PA, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):49-51 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

An economic volt-hour integrator, compatible with commercial and homemade electrophoresis power supplies. Rutschmann M, et al. **Anal Biochem** 1984 Nov 1; 142(2):515-7

METHODS

Parentage testing using the serum protein plasminogen (PLG). Dykes DD, et al. **Am J Clin Pathol** 1984 Dec; 82(6):722-5

Analytical isoelectric focusing using a high-voltage vertical slab polyacrylamide gel system. Giulian GG, et al. **Anal Biochem** 1984 Nov 1;142(2):421-36

A rapid flat gel isoelectric focusing method for the determination of apolipoprotein E phenotypes and its application. Eto M, et al. **Clin Chim Acta** 1985 Jun 30; 149(1):21-8

A method for the identification and typing of the subtypes of the Gc 1 allele from dried bloodstains. Baxter M, et al. **J Forensic Sci Soc** 1984 Sep-Oct;24(5):483-8

Analysis of the common genetic variants of the human Gc system in plasma and bloodstains by isoelectric focusing in immobilized pH gradients. Westwood SA, et al. **J Forensic Sci Soc** 1984 Sep-Oct;24(5):519-28

Agarose isoelectrofocusing of intact virions. Zerda KS, et al. **J Virol Methods** 1984 Aug;9(1):1-6

The analysis of human sweat proteins by isoelectric focusing. I. Sweat collection utilizing the macroduct system demonstrates the presence of previously unrecognized sex-related proteins. Sens DA, et al. **Pediatr Res** 1985 Aug; 19(8):873-8

Simple production of staphylococcal enterotoxins (SET) with chromatofocusing and isoelectrofocusing in flat bed gels.

Fey H, et al. **Zentralbl Veterinarmed [B]** 1984 Aug; 31(7):508-17

[Isoelectric focusing on urinary proteins in ultrathin polyacrylamide gels] Peisker K. **Z Med Lab Diagn** 1985; 26(1):28-33 (Eng. Abstr.) **(Ger)**

[Identification of abnormal hemoglobins. VII. Isoelectric focusing on the thin layer polyacrylamide gel] Fujisawa K, et al. **Rinsho Byori** 1985 Mar;33(3):308-12 **(Jpn)**

ISOELECTRIC POINT see under **HYDROGEN-ION CONCENTRATION**

ISOENZYMES

Comments on isoamylases [letter] Williams DA. **Am J Vet Res** 1985 Jul;46(7):1598-9

Protein blotting: detection of proteins with colloidal gold, and of glycoproteins and lectins with biotin-conjugated and enzyme probes. Rohringer R, et al. **Anal Biochem** 1985 Jan;144(1):118-27

Properties of the tryptophan residue in rabbit liver microsomal cytochrome P-450 isozyme 2 as determined by fluorescence. Inouye K, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):676-82

Aggregation equilibria of tyrosinase of Harding-Passey mouse melanoma. Garcia-Borron JC, et al. **Biochem J** 1985 May 15;228(1):95-101

Purification and characterization of glutathione S-transferases P, S and N. Isolation from rat liver of Yb1 Yn protein, the existence of which was predicted by subunit hybridization in vitro. Hayes JD. **Biochem J** 1984 Dec 15; 224(3):839-52

Multiple forms of gamma-butyrobetaine hydroxylase (EC 1.14.11.1). Lindstedt S, et al. **Biochem J** 1984 Oct 1; 223(1):119-27

Thrombospondin fragmentation by alpha-thrombin and resistance to gamma-thrombin. Takahashi K, et al. **Biochem J** 1984 Dec 1;224(2):673-6

Glutathione S-transferases of human brain. Evidence for two immunologically distinct types of 26500-Mr subunits. Theodore C, et al. **Biochem J** 1985 Jan 15;225(2):375-82

Circular dichroism studies of acetylcholinesterase conformation. Comparison of the 11 S and 5.6 S species and the differences induced by inhibitory ligands. Manavalan P, et al. **Biochim Biophys Acta** 1985 Jul 1; 829(3):365-70

Isoenzymes of vitamin-K-dependent carboxylase. Ulrich MM, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):105-8

Human liver alcohol dehydrogenase. 2. The primary structure of the gamma 1 protein chain. Bühler R, et al. **Eur J Biochem** 1984 Dec 17;145(3):447-53

Human liver alcohol dehydrogenase. 1. The primary structure of the beta 1 beta 1 isoenzyme. Hempel J, et al. **Eur J Biochem** 1984 Dec 17;145(3):437-45

The sequence of equine muscle carbonic anhydrase. Wendorff KM, et al. **J Biol Chem** 1985 May 25; 260(10):6129-32

Development of peroxidase histochemistry. Mitsui T. **Tokai J Exp Clin Med** 1984 Aug;9(3):167-73 (48 ref.)

[Peroxidase activity of catalase with respect to aromatic amines] Artemchik VD, et al. **Biokhimiia** 1985 May; 50(5):826-32 (Eng. Abstr.) **(Rus)**

[Catalysis by enzymes entrapped into reversed micelles of surfactants in organic solvents. Peroxidase in the aerosol OT-water-octane system] Kliachko NL, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):1019-31 (Eng. Abstr.) **(Rus)**

ANALYSIS

Placental alkaline phosphatase in testicular germ cell tumours and in carcinoma-in-situ of the testis. An immunohistochemical study. Jacobsen GK, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):323-9

Ethanol feeding can produce secondary alterations in aldehyde dehydrogenase isozymes. Alderman JA, et al. **Alcohol** 1985 Jan-Feb;2(1):91-5

Human liver alcohol dehydrogenase: the unique properties of the 'atypical' isoenzyme beta 2 beta 2-Bern can be explained by a single base mutation. Bühler R, et al. **Alcohol** 1985 Jan-Feb;2(1):47-51

Biochemical genetic analysis of human and rodent aldehyde dehydrogenase (ALDH). Hopkinson DA, et al. **Alcohol** 1985 Jan-Feb;2(1):73-8

General classification of the isoenzymic strains of Trypanosoma (Schizotrypanum) cruzi and comparison with T. (S.) C. marinkellei and T. (Herpetosoma) rangeli. Tibayrenc M, et al. **Ann Soc Belg Med Trop** 1984 Sep; 64(3):239-48

Isozyme profiles of Trypanosoma cruzi stocks from Colombia and Ecuador. Widmer G, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):253-7

Amino acid sequence of high-redox-potential ferredoxin (HiPIP) isozymes from the extremely halophilic purple phototrophic bacterium, Ectothiorhodospira halophila. Tedro SM, et al. **Arch Biochem Biophys** 1985 Sep; 241(2):656-64

Pancreatic amylase as a tumour marker for pancreatic cancer. Hilmy AM, et al. **Arch Geschwulstforsch** 1984;54(6):475-82

Myosin switches in skeletal muscle development of an urodelan amphibian, Pleurodeles waltlii. Comparison with a mammalian, Mus musculus. d'Albis A, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):94-100

Cell fusion responsible for horizontal oncogenesis by human tumors in nude mice. Kömpf J, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):933-8

Human testicular angiotensin-converting enzyme is a mixture of two molecular weight forms. Only one is similar to the seminal plasma enzyme. Lanzillo JJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):457-63

Hybrid forms of phosphoglycerate mutase and 2,3-bisphosphoglycerate synthase-phosphatase. Pons G, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):658-63

Differences in the occurrence of glutathione transferase isoenzymes in rat lung and liver. Robertson IG, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):80-6

Phenylalanine hydroxylase isozymes in regenerating liver: effects of diet and age. Crawford RD, et al. **Biochem Med** 1985 Feb;33(1):77-89

Structural and functional assembly of rat intestinal cytochrome P-450 isozymes. Effects of dietary iron and selenium. Pascoe GA, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):599-608

Stability of quaternary structure and mode of dissociation of fructosediphosphate aldolase isoenzymes. Kent CD, et al. **Biochemistry** 1984 Oct 23;23(22):5257-61

Tissue distribution, developmental profiles and effect of denervation of enolase isozymes in rat muscles. Kato K, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):50-8

Acetylcholinesterase of Schistosoma mansoni. Molecular forms of the solubilized enzyme. Tarrab-Hazdai R, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):61-9

Raman and infrared studies of homogeneous forms of acid phosphatase from rat liver. Twardowski J, et al **Biochim Biophys Acta** 1984 Oct 9;790(1):70-7

Alteration in the capacities as well as in the zonal and cellular distributions of pyruvate kinase L and M2 in regenerating rat liver. Chatzipanagiotou S, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):271-80

Lysosomal isoenzyme profiles used to classify a case of acute undifferentiated leukaemia. Eden OB, et al. **Br J Haematol** 1985 Jan;59(1):109-14

Modulation of myosin isoenzyme populations and activities of monoamine oxidase and phenylethanolamine-N-methyltransferase in pressure loaded and normal rat heart by swimming exercise and stress arising from electrostimulation in pairs. Rupp H, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1209-18

Enolase isozymes in differentiated and undifferentiated medullary thyroid carcinomas. Oskam R, et al. **Cancer** 1985 Jan 15;55(2):394-9

Enzymes, isozymes, and enzyme variants in the diagnosis of cancer. A short review. Stefanini M. **Cancer** 1985 May 1; 55(9):1931-6 (43 ref.)

Localization of a cytochrome P-450 isozyme (cytochrome P-450 PB-B) and NADPH-cytochrome P-450 reductase in rat nasal mucosa. Voigt JM, et al. **Cancer Lett** 1985 Jul; 27(3):241-7

Characterization of cyclic adenosine 3':5'-monophosphate-dependent protein kinase isozymes in normal and neoplastic fetal rat brain cells. Ekanger R, et al. **Cancer Res** 1985 Jun;45(6):2578-83

Human placental alkaline phosphatase in benign and malignant ovarian neoplasia. Nouwen EJ, et al. **Cancer Res** 1985 Feb;45(2):892-902

Alterations in the activity and isozymic profile of human phosphofructokinase during malignant transformation in vivo and in vitro: transformation- and progression-linked discriminants of malignancy. Vora S, et al. **Cancer Res** 1985 Jul;45(7):2993-3001

Analysis of isoenzymes in normal and carcinogen-treated human endometrial stromal cells in culture. Nelson KG, et al. **Carcinogenesis** 1985 Feb;6(2):181-8

Comparison of salivary peroxidase system components in caries-free and caries-active naval recruits. Lamberts BL, et al. **Caries Res** 1984;18(6):488-94

Heterogeneity of myosin isozyme content of rabbit heart. Litten RZ, et al. **Circ Res** 1985 Sep;57(3):406-14

Placental alkaline phosphatase and cancer antigen 125 in sera of patients with benign and malignant diseases. Eerdekens MW, et al. **Clin Chem** 1985 May;31(5):687-90

Isolation and preliminary characterization of a monoclonal antibody that interacts preferentially with the liver isoenzyme of human alkaline phosphatase. Lawson GM, et al. **Clin Chem** 1985 Mar;31(3):381-5

Hexokinase isoenzymes: antigenic cross-reactivities and amino acid compositional relatedness. Lawrence GM, et al. **Comp Biochem Physiol [B]** 1984;79(2):233-8

A fine analysis of glucose-phosphate-isomerase patterns in single preimplantation mouse embryos. Duboule D, et al. **Differentiation** 1985;29(1):25-8

Myosin isoenzyme distribution and Ca+2-activated myosin ATPase activity in the rat heart is influenced by fructose feeding and triiodothyronine. Dillmann WH. **Endocrinology** 1985 Jun;116(6):2160-6

Angiotensin-converting enzyme in the testis and epididymis: differential development and pituitary regulation of isozymes. Strittmatter SM, et al. **Endocrinology** 1985 Oct; 117(4):1374-9

Aldehyde dehydrogenase isozymes in stomach autopsy specimens from Germans and Chinese. Meier-Tackmann D, et al. **Enzyme** 1984;32(3):170-7

Contractile protein transitions in human cardiac overload: reality and limitations. Cummins P. **Eur Heart J** 1984 Dec; 5 Suppl F:119-27

Isomyosins, microtubules and desmin during the onset of cardiac hypertrophy in the rat. Rappaport L, et al. **Eur Heart J** 1984 Dec;5 Suppl F:243-50

Myosin isoenzymes in human hypertrophic hearts. Shift in atrial myosin heavy chains and in ventricular myosin light chains. Schaub MC, et al. **Eur Heart J** 1984 Dec;5 Suppl F:85-93

Myosin changes in hypertrophied human atrial and ventricular myocardium. A correlated immunofluorescence and quantitative immunochemical study on serial cryosections. Schiaffino S, et al. **Eur Heart J** 1984 Dec; 5 Suppl F:95-102

Distribution of myosin isozymes in human atrial and ventricular myocardium: comparison in normal and overloaded heart. Yazaki Y, et al. **Eur Heart J** 1984 Dec; 5 Suppl F:103-10

Immunoquantification of epoxide hydrolase and cytochrome P-450 isozymes in fetal and adult human liver microsomes. Cresteil T, et al. **Eur J Biochem** 1985 Sep 2;151(2):345-50

Screening of sera and tumor extracts of cancer patients using a monoclonal antibody directed against human placental alkaline phosphatase. Van de Voorde A, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):65-71

Isoelectrically focused carboxyesterases as a biological marker in chimeras. Grim M, et al. **Experientia** 1984 Oct 15;40(10):1142-4

Structural evidence for three different types of glutathione transferase in human tissues. Alin P, et al. **FEBS Lett** 1985 Mar 25;182(2):319-22

Isolation of two forms of the high-molecular-mass serine protease, ingensin, from porcine skeletal muscle. Ishiura S, et al. **FEBS Lett** 1985 Sep 9;189(1):119-23

Cervicovaginal peroxidases: sex hormone control and potential clinical uses. Tsibris JC, et al. **Fertil Steril** 1985 Aug;44(2):236-40

Beta-hexosaminidase isoenzyme I: an early marker of hematopoietic malignancy. Gaedicke G, et al. **Hamatol Bluttransfus** 1985;29:187-9

Isoelectric focusing (IEF) and band detection with fluorogenic protease substrates. Sinha P, et al. **Histochemistry** 1984;81(2):167-9

Investigation of proteases with chromogenic substrates after isoelectric focusing (IEF). Sinha P, et al. **Histochemistry** 1984;81(2):161-5

Immunohistochemical localization of carbonic anhydrase isoenzymes I and II in human bone, cartilage and giant cell tumor. Väänänen HK. **Histochemistry** 1984;81(5):485-7

Culture of sheep X mouse hybridoma cells in vitro. Tucker EM, et al. **Hybridoma** 1981;1(1):77-86

LDH isoenzyme distribution in human T gamma lymphocytes. Plum J, et al. **Immunol Lett** 1984;8(4):153-8

Electrophoretic isoenzymes of isolates of Entamoeba histolytica before & after revival of their virulence. Vinayak VK, et al. **Indian J Med Res** 1985 Apr;81:372-7

The subcellular distribution of fumarase isozymes in rat liver. Donnelly DF, et al. **Int J Biochem** 1985;17(2):279-82

Characterization of some East African Theileria species isolates by isoenzyme analysis, with particular reference to T. parva. Allsopp BA, et al. **Int J Parasitol** 1985 Jun; 15(3):271-6

Characterization of Trypanosoma (Duttonella) vivax by isoenzyme analysis. Allsopp BA, et al. **Int J Parasitol** 1985 Jun;15(3):265-70

Isoenzyme patterns of pathogenic and nonpathogenic thermophilic Naegleria strains by isoelectric focusing. Pernin P. **Int J Parasitol** 1984 Oct;14(5):459-65

pH, urea and substrate gradients for the optimization of ultrathin polyacrylamide gel zymograms. Görg A, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):341-50

Distinct forebrain and cerebellar isozymes of type II Ca2+/calmodulin-dependent protein kinase associate differently with the postsynaptic density fraction. Miller SG, et al. **J Biol Chem** 1985 Jul 25;260(15):9039-46

2-Chloro-4-nitrophenyl-beta-D-maltoheptaoside: a new substrate for the determination of alpha-amylase in serum and urine. Henkel E, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):489-95

Placental alkaline phosphatase in tumour tissue and serum. Mössner E, et al. **J Clin Chem Clin Biochem** 1984 Jul; 22(7):467-71

P. knowlesi: enzyme typing in agarose electrophoresis. Pasha ST, et al. **J Commun Dis** 1984 Jun;16(2):126-30

Intracellular localization of the catalytic subunit from cyclic AMP-dependent protein kinase in mutant Chinese hamster ovary cells deficient in this enzyme. Byus CV, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):9-22

cAMP-dependent protein kinases of rat pituitary GH3 cells. Fabbro D, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):31-42

Ultrastructural localization of cAMP-dependent protein kinase subunits in regenerating rat hepatocytes using immunogold electron microscopy. Squinto SP, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):65-73

Differentiation of Onchocerca gutturosa and O. lienalis microfilariae by analysis of their GPI isoenzymes. Flockhart HA, et al. **J Helminthol** 1985 Jun;59(2):187-9

Localization of human muscle carbonic anhydrase isozymes using immunofluorescence. Moyle S, et al. **J Histochem Cytochem** 1984 Dec;32(12):1262-4

Identification of protease isozymes after analytical isoelectric focusing using fluorogenic substrates impregnated into cellulose membranes. Smith RE. **J Histochem Cytochem** 1984 Dec;32(12):1265-74

Asymmetric molecular forms of acetylcholinesterase in mammalian skeletal muscles. Sketelj J, et al. **J Neurosci Res** 1985;14(1):95-103

Differentiation of species and life cycle stages of Brugia spp. by isoenzyme analysis. Flockhart HA, et al. **J Parasitol** 1984 Jun;70(3):378-84

Amylase in human milk from mothers of preterm and term infants. Hegardt P, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):563-6

Trypanosoma cruzi from the Paraguayan Chaco: isoenzyme profiles of strains isolated at Makthlawaiya. Chapman MD, et al. **J Protozool** 1984 Aug;31(3):482-6

Amoebic isoenzymes [letter] Sargeaunt PG, et al. **Lancet** 1985 May 4;1(8436):1050

Isoenzyme studies in human leukemia-lymphoma cell lines--1. Carboxylic esterase. Drexler HG, et al. **Leuk Res** 1985;9(2):209-29

Prenatal diagnosis of cystic fibrosis using a monoclonal antibody specific for intestinal alkaline phosphatase. Brock DJ, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):421-6

Molecular heterogeneity of human placental alkaline phosphatase associated with microvillous membranes. Abu-Hasan NS, et al. **Prog Clin Biol Res** 1984;166:117-26

Studies of intestinal-like alkaline phosphatase (the Kasahara variant). Hada T, et al. **Prog Clin Biol Res** 1984;166:235-42

Further characterization of aldehyde dehydrogenase isozyme variant in Japanese. Harada S, et al. **Prog Clin Biol Res** 1985;174:129-35

Tumor immunolocalization using monoclonal antibodies which bind placental alkaline phosphatase. Jemmerson R, et al. **Prog Clin Biol Res** 1984;166:245-56

Aspects of the relationship between liver, kidney and bone alkaline phosphatases. Moss DW. **Prog Clin Biol Res** 1984; 166:79-86

Clinical use of the characterization of alkaline phosphatases. Moss DW. **Prog Clin Biol Res** 1984;166:267-75

Heat-stable alkaline phosphatase in normal uterus and deviation of isozyme profile during uterine carcinogenesis. Nozawa S, et al. **Prog Clin Biol Res** 1984;166:223-34

Structural analysis of human alkaline phosphatase. Sussman HH. **Prog Clin Biol Res** 1984;166:87-103

Technical notes on acrylamide gel electrophoresis used for comparing isozymes of mosquito larvae. Tsukamoto M. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):193-204

Pepsinogen isozymes in Borrmann IV type gastric carcinoma. Nakamura K, et al. **Tohoku J Exp Med** 1985 Jan; 145(1):39-47

Localization of glucose-6-phosphate dehydrogenase in rat cerebral cortex. A comparative study using immunocytochemical and tetrazolium methods. Martinez-Murillo R, et al. **Trab Inst Cajal Invest Biol** 1982; 73(1-2):31-4

Isoenzyme characterization of Leishmania isolates from human cases of cutaneous leishmaniasis in Urfa, south-east Turkey [letter] Gramiccia M, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):568

Differentiation between Naegleria fowleri and N. lovaniensis using isoenzyme electrophoresis of aspartate aminotransferase [letter] Kilvington S, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):562-3

Isozyme heterogeneity and numerical taxonomy of Trypanosoma cruzi stocks from Chile. Miles MA, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):526-35

Isoenzyme characterization of chloroquine-resistant isolates of Plasmodium falciparum from Burma. Myint-Oo, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):471-3

Zymodemes expressing possible genetic exchange in Entamoeba histolytica. Sargeaunt PG. **Trans R Soc Trop Med Hyg** 1985;79(1):86-9

The characterization by isoenzyme electrophoresis of Leishmania isolated in the People's Republic of China. Xu ZB, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):689-93

Further isoenzymatic studies on Trypanosoma cruzi stocks from Brazil, Colombia and Chile. Ebert F. **Trop Med Parasitol** 1985 Jun;36(2):85-7

Pyruvate kinase isozymes and dedifferentiation of (neuro-)ectodermal tumors. Oskam R, et al. **Tumour Biol** 1985;6(1):75-87

[Determination of alpha-amylase isoenzymes using electrophoresis on agarose gel] Bibrová J, et al. **Cas Lek Cesk** 1985 Aug 16;124(33):1048-50 (Eng. Abstr.) **(Cze)**

[Preliminary results suggesting a tenuous or nonexistent relation between clinical forms of Chagas disease and isoenzyme strains of Trypanosoma cruzi] Brenière SF, et al. **C R Acad Sci [III]** 1985;300(15):555-7 (Eng. Abstr.) **(Fre)**

[Separation of isoenzymatic forms of human serum galactosyltransferase by chromatofocusing and isoelectric focusing. Application to cancerology] Gauduchon P, et al. **C R Acad Sci [III]** 1985;300(12):453-6 (Eng. Abstr.) **(Fre)**

[Thymidine kinase isozyme in DMH-induced colon tumor in rats] Tsukada K. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2239-47 (Eng. Abstr.) **(Jpn)**

[The regulation mechanism of cyclic nucleotides and calcium] Miyamoto E. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1279-85 (73 ref.) **(Jpn)**

[Clinical value of the analysis of amylase isoenzymes in the blood and urine of patients wih cholelithiasis without acute pancreatitis] Umińska H, et al. **Pol Tyg Lek** 1985 Mar 18; 40(11):333-6 (Eng. Abstr.) **(Pol)**

[Malate dehydrogenase polymorphism in Crithidia (Protozoa, Mastigophora)] Krylov MV, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1502-5 **(Rus)**

[Several peculiarities of hexokinase of malignant and benign tumors in man] Liubimova NV, et al. **Eksp Onkol** 1984; 6(5):42-6 (Eng. Abstr.) **(Rus)**

[Multiple forms of malate dehydrogenase (EC 1.1.1.37) in Crithidia asclepii and C. oncopelti (Mastigophora, Trypanosomatidae)] Krylov MV, et al. **Parazitologiia** 1984 Nov-Dec;18(6):425-9 (Eng. Abstr.) **(Rus)**

[Analysis of hexokinase isoenzymes in the differential diagnosis of malignant and benign tumors] Bassalyk LS, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):82-4 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Synthesis and characterization of the oxygen and desthio analogues of glutathione as dead-end inhibitors of glutathione S-transferase. Chen WJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):233-40

Narcan inhibition of human liver alcohol dehydrogenase. Dingley AL, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):299-306

Differential haemin-mediated restoration of cytochrome P-450 N-demethylases after inactivation by allylisopropylacetamide. Bornheim LM, et al. **Biochem J** 1985 Apr 1;227(1):277-86

Specific inhibition of L-type pyruvate kinase by the triazine dye Procion Blue MX-R. Byford MF, et al. **Biochem J** 1984 Oct 15;223(2):359-67

Cycloheximide blocks changes in rat liver carnitine palmitoyltransferase 1 activity in starvation. Saggerson ED, et al. **Biochem J** 1984 Nov 15;224(1):201-6

Differential inhibition of two proteolytic activities in bovine lens neutral-proteinase preparations. Wagner BJ, et al. **Biochem J** 1985 Jun 1;228(2):517-9

Inhibition of purified rat liver glutathione S-transferase isozymes by diuretic drugs. Ahokas JT, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2157-61

The effect of fructose 2,6-bisphosphate on muscle fructose-1,6-bisphosphatase activity. Bosca L, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):151-4

Inactivation of human high- and low-molecular-weight urokinases. Analysis of their active site. Reboud-Ravaux M, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):333-41

Thermal denaturation of rat pulmonary and testicular angiotensin-converting enzyme isozymes. Effects of chelators and CoCl2. Velletri PA, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):71-82

Inhibition of A and B N-acetyl-beta-D-glucosaminidase urinary isoenzymes by urea. Bondiou MT, et al. **Clin Chim Acta** 1985 Jun 30;149(1):67-73

Studies on the selective chemical inhibition by urea of alkaline phosphatase isoenzymes in the reaction course. Miggiano GA, et al. **Enzyme** 1984;32(3):162-9

Inhibition of human alkaline phosphatase isoenzymes by the affinity reagent reactive yellow 13. Williams DG, et al. **Enzyme** 1985;33(2):70-4

Inhibitors for distinction of three types of human glutathione transferase. Tahir MK, et al. **FEBS Lett** 1985 Feb 25; 181(2):249-52

Amylase inhibitor from wheat: its action and clinical application. Suehiro I, et al. **Gastroenterol Jpn** 1984 Aug; 19(4):313-9

On the mechanism of the inactivation of the major phenobarbital-inducible isozyme of rat liver cytochrome P-450 by chloramphenicol. Halpert JR, et al. **J Biol Chem** 1985 Jul 15;260(14):8397-403

Enzyme-activated irreversible inhibitors of monoamine oxidase: phenylallylamine structure-activity relationships. McDonald IA, et al. **J Med Chem** 1985 Feb;28(2):186-93

Selective inhibition by chloramphenicol of cytochrome P-450 isozymes in rat lung and liver involved in the hydroxylation of n-hexane. Näslund BM, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):16-22

Isozyme selectivity of the inhibition of rat liver cytochromes P-450 by chloramphenicol in vivo. Halpert J, et al. **Mol Pharmacol** 1985 Sep;28(3):290-6

[Effect of SH-reagents on aldehyde dehydrogenase activity of the rat liver] Konoplitskaia KL, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):628-33 (Eng. Abstr.) **(Rus)**

[Comparative study of the action of O-phenanthroline metal complexes and a number of other compounds on the activity of brain arginase isoforms] Navasardiants DG, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):72-6 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Induction of cytochrome P-450 isozymes in liver microsomes of rats treated with the cardiotonic agent sulmazole. Müller-Enoch D, et al. **Arzneimittelforschung** 1985; 35(4):698-703

Identification of the forms of cytochrome P-450 induced in rat liver by 2-acetylaminofluorene using immunoblotting and partial purification. Aström A, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):578-85

Triacetyloleandomycin as inducer of cytochrome P-450 LM3c from rabbit liver microsomes. Bonfils C, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2445-50

Synthesis of acid phosphatase and other proteins by human prostatic tissue in vitro. Dubé JY, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):555-8

A requirement for DNA synthesis in foetal hepatocyte differentiation. Effect of cytosine arabinoside on the appearance of the liver isoenzyme of pyruvate kinase. Scott R, et al. **Differentiation** 1984;28(1):49-52

Induction of cytochrome P-450b,e-type isozymes by polychlorinated biphenyls in rat liver. Molecular cloning of induced mRNAs. Scholte BJ, et al. **Eur J Biochem** 1985 Aug 15;151(1):67-73

Selective expression of glutathione transferase isoenzymes in chemically induced preneoplastic rat hepatocyte nodules. Jensson H, et al. **FEBS Lett** 1985 Jul 22;187(1):115-20

Carbon tetrachloride-induced lipid peroxidation dependent on an ethanol-inducible form of rabbit liver microsomal cytochrome P-450. Johansson I, et al. **FEBS Lett** 1985 Apr 22;183(2):265-9

Phenobarbital induction of rat liver cytochromes P-450b and P-450e. Quantitation of specific RNAs by hybridization to synthetic oligodeoxyribonucleotide probes. Omiecinski CJ, et al. **J Biol Chem** 1985 Mar 25;260(6):3247-50

Evaluation of a histologic classification of mouse liver tumors based on pyruvate kinase isozymes and status of host lipids. Yanagi S, et al. **JNCI** 1984 Dec;73(6):1311-7

Differential expression of multiple forms of arginase in cultured cells. Spector EB, et al. **Mol Cell Biochem** 1985 Feb;66(1):45-53

Regulation of creatine kinase induction in differentiating mouse myoblasts. Chamberlain JS, et al. **Mol Cell Biol** 1985 Mar;5(3):484-92

Dose response for induction of two cytochrome P-450 isozymes and their mRNAs by 3,4,5,3'4'5'-hexachlorobiphenyl indicating coordinate regulation in rat liver. Hardwick JP, et al. **Mol Pharmacol** 1985 Jun;27(6):676-82

Induction of alkaline phosphatase expression in cultured cancer cells. Herz F. **Prog Clin Biol Res** 1984;166:139-66

Visualization of alkaline phosphatase genesis and transport following induction. Tokumitsu S. **Prog Clin Biol Res** 1984; 166:187-205

Inducible aldehyde dehydrogenases from rat liver cytosol. Simpson VJ, et al. **Toxicol Appl Pharmacol** 1985 Jun 30; 79(2):193-203

[Induction of alkaline phosphatase by retinoic acid] Freimüller-Kreutzer B, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):317-21 (Eng. Abstr.) **(Ger)**

[Immunological study of the identity of cytochrome P-448 in the mouse and rat liver after induction with 3-methylcholanthrene] Mishin VM, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):98-102 (Eng. Abstr.) **(Rus)**

BLOOD

Changes in neutrophil alkaline phosphatase patterns in a case of chronic myelomonocytic leukemia. Vergnes HA, et al. **Acta Haematol (Basel)** 1985;73(3):168-72

Isolation, characterization and clinical evaluation of the gamma-glutamyltransferase associated with hepatocellular carcinoma. Izumi M. **Acta Med Okayama** 1985 Feb; 39(1):19-33

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Comparison of serum hexosaminidase levels. Goodman GT, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):949-51

Isoenzyme studies in transient hyperphosphatasemia of infancy. Ten new cases and a review of the literature. Kraut JR, et al. **Am J Dis Child** 1985 Jul;139(7):736-40

Evidence for two isozymes of leukocyte alkaline phosphatase in leukemic leukocytes. Miller DM, et al. **Am J Hematol** 1985 Feb;18(2):159-69

Fetal plasma carbonic anhydrase III in prenatal diagnosis of Duchenne muscular dystrophy. Heath R, et al. **Am J Med Genet** 1985 Jan;20(1):115-22

Amylase isoenzymes in the evaluation of trauma patients. Greenlee T, et al. **Am Surg** 1984 Dec;50(12):637-40

A new method for separation of chicken red cell catalase isozymes. Ueda J, et al. **Anim Blood Groups Biochem Genet** 1984;15(4):323-5

Electrophoretic studies of serum gamma-glutamyl transferase from patients with hepatoma. Hammond KD, et al. **Ann Clin Biochem** 1985 Jul;22 (Pt 4):376-80

A new alkaline phosphatase isoenzyme abnormality. Mayne PD, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):352-6

Serum amylase isoenzyme alterations in acute abdominal conditions. Swensson EE, et al. **Ann Emerg Med** 1985 May; 14(5):421-3

A prospective study of hyperamylasemia and pancreatitis after cardiopulmonary bypass. Svensson LG, et al. **Ann Thorac Surg** 1985 May;39(5):409-11

Regulatory properties of human erythrocyte hexokinase during cell ageing. Fornaini G, et al. **Arch Biochem Biophys** 1985 Jun;239(2):352-8

ABO blood groups and alkaline phosphatase isoenzymes in the 2nd trimester of pregnancy in Nigerian women. Okpere E, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec; 10(4):445-8

Carbon monoxide inhibits omega-oxidation of leukotriene B4 by human polymorphonuclear leukocytes: evidence that catabolism of leukotriene B4 is mediated by a cytochrome

P-450 enzyme. Shak S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):475-81

The analysis of soluble galactosyltransferase isoenzyme patterns using high resolution agarose isoelectricfocusing. Davey R, et al. **Biochem Int** 1983 May;6(5):643-51

Characterization of different molecular forms of 5'-nucleotidase in normal serum and in serum from cholestatic patients and bile-duct-ligated rats. Chuang NN, et al. **Biochem J** 1984 Dec 15;224(3):689-95

High- and low-uptake forms of beta-hexosaminidase in human platelets. Selective retention of the high-uptake form during stimulation with thrombin. Vladutiu GD, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):435-41

Human erythrocyte phosphoglucomutase: comparison of the kinetic properties of PGM1 and PGM2 isoenzymes. Ninfali P, et al. **Biochimie** 1984 Sep-Oct;66(9-10):617-23

Relationship between human serum placental alkaline phosphatase and the ABo and Rh compatibility status in pregnancy. Lucarelli P, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):89-93

Pattern of pyruvate kinase isozymes in erythroleukemia cell lines and in normal human erythroblasts. Max-Audit I, et al. **Blood** 1984 Oct;64(4):930-6

Serum alkaline phosphatase isoenzymes: the fast liver fraction in the diagnosis of hepatobiliary disease with or without cholestasis. Ricci OE, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1363-8

Monoclonal antibody assay of serum placental alkaline phosphatase in the monitoring of testicular tumours. Epenetos AA, et al. **Br J Cancer** 1985 May;51(5):641-4

Placental alkaline phosphatase as a tumour marker in seminoma using the H17 E2 monoclonal antibody assay. Horwich A, et al. **Br J Cancer** 1985 May;51(5):625-9

Tumour-associated isoenzymes of gamma-glutamyl transferase in the serum of patients with hepatocellular carcinoma. Kew MC, et al. **Br J Cancer** 1984 Oct; 50(4):451-5

Reevaluation of alkaline phosphatase measurement during Hodgkin's disease by electrophoretic isoenzyme separation. Thyss A, et al. **Br J Cancer** 1985 Aug;52(2):183-7

Serum marker potential of placental alkaline phosphatase-like activity in testicular germ cell tumours evaluated by H17E2 monoclonal antibody assay. Tucker DF, et al. **Br J Cancer** 1985 May;51(5):631-9

Origins and significance of the increased plasma alkaline phosphatase during normal pregnancy and pre-eclampsia. Adeniyi FA, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):857-62

Serum level of prostatic acid phosphatase after diagnostic rectal examination. Comparison between spectrophotometric and a radioimmunological assay. Grenabo L, et al. **Br J Urol** 1984 Apr;56(2):213-6

Radioimmunoassay for prostatic acid phosphatase in early prostatic carcinoma. Samuell CT, et al. **Br J Urol** 1984 Apr;56(2):208-12

Clinical significance of heat labile Regan isoenzyme variant in Hodgkin's disease. Shetty PA, et al. **Cancer** 1985 Feb 1;55(3):605-7

Hereditary interindividual differences in the glutathione transferase activity towards trans-stilbene oxide in resting human mononuclear leukocytes are due to a particular isozyme(s). Seidegård J, et al. **Carcinogenesis** 1985 Aug; 6(8):1211-6

Two molecular species of proline endopeptidase in human plasma: isolation and characterization. Soeda S, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4061-9

Quantitation of creatine kinase MB using an agarose electrophoresis method; importance of enzyme reagent concentration. Desjardins PR, et al. **Clin Biochem** 1984 Aug;17(4):236-41

Improved separation of alpha-amylase isoenzymes [letter] Casals E, et al. **Clin Chem** 1985 Jun;31(6):1073

Specific immunoassay of alpha-amylase isoenzymes in human serum. Gerber M, et al. **Clin Chem** 1985 Aug;31(8):1331-4

Efficiency in the diagnosis of acute pancreatitis increased by improved electrophoresis of amylase isoenzyme P3 on cellulose acetate. Massey TH. **Clin Chem** 1985 Jan; 31(1):70-5

Gamma-glutamyltransferase and its isoenzymes: progress and problems. Nemesánszky E, et al. **Clin Chem** 1985 Jun; 31(6):797-803 (126 ref.)

Incubation with neuraminidase and affinity electrophoresis with wheat-germ lectin compared for separating and quantifying alkaline phosphatase isoenzymes in plasma. Rosalki SB, et al. **Clin Chem** 1985 Jul;31(7):1198-200

Studies of the biochemical and immunological properties of human neutrophil alkaline phosphatase with comparison to the established alkaline phosphatase isoenzymes. Smith GP, et al. **Clin Chim Acta** 1984 Sep 29;142(2):221-30

Biochemical assessment of bone disease in multiple myeloma. Stěpán JJ, et al. **Clin Chim Acta** 1984 Sep 29;142(2):203-9

Interpretation of serum amylase levels in the critically ill patient. Weaver DW, et al. **Crit Care Med** 1985 Jul; 13(7):532-3

Isolation and comparative studies of glycogen phosphorylase isoenzymes from lymphocytes and polymorphonuclear leucocytes. Navarro E, et al. **Enzyme** 1984;32(2):76-83

Evaluation of an amplified enzyme-linked immunoassay of placental alkaline phosphatase in testicular cancer. Cooper EH, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):525-30

An erythrocyte transketolase isoenzyme pattern associated with the Wernicke-Korsakoff syndrome. Nixon PF, et al. **Eur J Clin Invest** 1984 Aug;14(4):278-81

Elevated serum levels of creatine kinase BB in breast cancer. Scambia G, et al. **Eur J Gynaecol Oncol** 1985;6(1):45-8

Chromatofocusing coupled with automated assay for beta-hexosaminidase isoenzymes in GM2 gangliosidosis. Orlacchio A, et al. **Experientia** 1985 Apr 15;41(4):525-7

Serum activity of mitochondrial aspartate aminotransferase: a sensitive marker of alcoholism with or without alcoholic hepatitis. Nalpas B, et al. **Hepatology** 1984 Sep-Oct; 4(5):893-6

Ultrastructural distribution of peroxidase in thrombocytes of mammals and submammals. Daimon T, et al. **Histochemistry** 1985;82(4):345-50

Differential serum amylase determination by the use of inhibitor: a comparison with Sephadex gel filtration method. Sirsat AV, et al. **Indian J Cancer** 1983 Nov-Dec; 20(5):232-5

Hyperamylasaemia following extracorporeal perfusion. Given F, et al. **Ir J Med Sci** 1984 Jun;153(6):203-7

Phosphorylation of the antiviral precursor 9-(1,3-dihydroxy-2-propoxymethyl)guanine monophosphate by guanylate kinase isozymes. Boehme RE. **J Biol Chem** 1984 Oct 25;259(20):12346-9

A novel low-activity form of carbonic anhydrase I in erythrocytes of patients with primary aldosteronism. Evidence for the presence of a mixed disulfide with glutathione. Kondo T, et al. **J Biol Chem** 1984 Dec 25; 259(24):15517-22

Pancreatitis: is total serum amylase misleading? McMahon LF Jr. **J Clin Gastroenterol** 1985 Feb;7(1):17-9

Serum hexosaminidase as a possible biomarker for human cancer. Sorenson AW, et al. **J Med** 1984;15(5-6):409-15

Development of a highly sensitive enzyme-immunoassay for serum carbonic anhydrase-III. Hibi N, et al. **J Neurol Sci** 1984 Sep;65(3):333-40

Serum carbonic anhydrase III in progressive muscular dystrophy. Mokuno K, et al. **J Neurol Sci** 1985 Feb; 67(2):223-8

Differences in the kinetic properties of thymidine kinase isoenzymes in unstimulated and phytohemagglutinin-stimulated human lymphocytes. Munch-Petersen B. **Mol Cell Biochem** 1984 Sep; 64(2):173-85

Gamma glutamyl transpeptidase as a sensitive marker of fetal alcohol exposure. Reyes E, et al. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):177-80

Status of cholinesterase activities in blood in neuropsychiatric disorders. Deutsch SI, et al. **Neurochem Res** 1984 Jul; 9(7):863-9 (25 ref.)

Conversion of the neurotoxic precursor 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine into its pyridinium metabolite by human platelet monoamine oxidase type B. Da Prada M, et al. **Neurosci Lett** 1985 Jun 24;57(3):257-62

Plasma alkaline phosphatase (ALP) in IS rats and its possible origin. Fujise H, et al. **Nippon Juigaku Zasshi** 1984 Oct; 46(5):607-14

Evidence for the hormonal regulation of the multimolecular forms of serum alkaline phosphatase. Brocklehurst D, et al. **Prog Clin Biol Res** 1984;166:277-88

Relation of age to isoenzyme patterns of amylase in serum. Panteghini M, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):449-52

Immunofixation of alkaline phosphatase-immunoglobulin complexes. Danielsson A, et al **Scand J Clin Lab Invest** 1984 Sep;44(5):471-3

Prognostic value of the determination of serum lactic dehydrogenase and its isoenzymes in children with acute lymphoblastic leukaemia. Hiçsönmez G, et al. **Scand J Haematol** 1985 Mar;34(3):256-60

Postoperative hyperamylasemia, pancreatitis, and primary hyperparathyroidism. Watson RG, et al. **Surgery** 1984 Dec; 96(6):1151-7

Serum isoamylases and canine pancreatic insufficiency [letter] Simpson JW, et al. **Vet Rec** 1984 Sep 1;115(9):230-1

[Reference intervals for serum amylase isoenzymes in normal adults] Hwu SE, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):348-53 (Eng. Abstr.) **(Chi)**

[Amylase isoenzymes as an aid in the diagnosis of pancreatic pseudocysts (letter)] Kammeraat C, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):130-1 **(Dut)**

[Biochemical characterization of a high-molecular weight alkaline phosphatase in a patient with cholangiocarcinoma (alpha-1 alkaline phosphatase)] el-Mokhefi Z, et al. **Ann Biol Clin (Paris)** 1985;43(3):215-20 (Eng. Abstr.) **(Fre)**

[Occurrence and nature of hyperamylasemia in chronic alcoholics] Pelletier G, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):792-5 (Eng. Abstr.) **(Fre)**

[Isolated elevation of serum alkaline phosphatase] Kruse K, et al. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):669-74 (Eng. Abstr.) **(Ger)**

[Value of isoamylases in the diagnosis of exocrine pancreatic insufficiency in childhood] Morgenstern T, et al. **Monatsschr Kinderheilkd** 1984 Sep;132(9):661-5 (Eng. Abstr.) **(Ger)**

[Determination of amylase isoenzymes in serum] Graubaum K, et al. **Z Med Lab Diagn** 1984;25(6):313-5 (Eng. Abstr.) **(Ger)**

[A kinetic method for determination of malate dehydrogenase isoenzyme activities in blood plasma and tissue samples] Wagenknecht C, et al. **Z Med Lab Diagn** 1985;26(4):221-8 (Eng. Abstr.) **(Ger)**

[Immunochemical measurement of prostatic acid phosphatase in carcinoma of the prostate] Cooper EH, et al. **Ric Clin Lab** 1984;14 Suppl 2:39-55 **(Ita)**

[Column chromatographic analysis of serum amylase isozymes, with special reference to S type hyperamylasemia of liver cirrhosis] Yoshikawa N, et al. **Rinsho Byori** 1985 Feb;33(2):189-94 **(Jpn)**

[Hyperamylasemia in cystadenocarcinoma of the ovaries] Naess CE, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20; 104(23):1536-7 (Eng. Abstr.) **(Nor)**

[Hydrolytic properties of plasmin 1 and 2 and miniplasmin] Kastrikina TF, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct; 278(1):240-2 **(Rus)**

[The cytochemistry of granulocytes in acute leukemia] Tsvetkova TZ, et al. **Gematol Transfuziol** 1985 Apr; 30(4):29-31 (Eng. Abstr.) **(Rus)**

[Interrelation of the level of acid phosphatase activity of erythrocytes and the phenotype of workers in the chemical industry] Rafikov KhS, et al. **Gig Tr Prof Zabol** 1984 Jul; (7):18-22 (Eng. Abstr.) **(Rus)**

[Clinical significance of determining lactate and malate dehydrogenase isoenzymes and hepatic ultrastructure in acute liver failure] Kozyrev MA. **Klin Med (Mosk)** 1984 Jul;62(7):101-5 (Eng. Abstr.) **(Rus)**

[Diagnostic value of the activity of isoforms of gamma-glutamyltranspeptidase in chronic alcoholic lesions of the liver] Loginov AS, et al. **Klin Med (Mosk)** 1984 Jul;62(7):93-7 (Eng. Abstr.) **(Rus)**

[Activity of dehydrogenases and their isoenzymes in the blood of patients with leptospirosis and viral hepatitis] Pupkevich-Diamant IaS, et al. **Lab Delo** 1984;(10):589-93 (Eng. Abstr.) **(Rus)**

[Determination of erythrocyte glutamate-pyruvate transaminase groups in fresh and dried blood] Acherkan NN. **Sud Med Ekspert** 1984 Oct-Dec;27(4):36-8 (Eng. Abstr.) **(Rus)**

[Isoenzymes in patients with protracted viral hepatitis and their significance in the clinical course of the disease] Andriutsa KA. **Ter Arkh** 1985;57(5):133-7 **(Rus)**

[Experience in using the determination of bone alkaline phosphatase in diseases of the maxillofacial area] Kulikova VS, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):63-5 (Eng. Abstr.) **(Rus)**

[Total activity and distribution of multiple forms of lysosomal glycosidases in subfractions of human leukocytes] Kuz'micheva NA, et al. **Vopr Med Khim** 1984 Sep-Oct; 30(5):76-81 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Basis of aldehyde dehydrogenase deficiency in Orientals: immunochemical studies. Agarwal DP, et al. **Alcohol** 1984 Mar-Apr;1(2):111-8

Population genetic and family studies on aldehyde dehydrogenase deficiency and alcohol sensitivity. Goedde HW, et al. **Alcohol** 1985 May-Jun;2(3):383-90

Effect of alcohol ingestion on portal venous blood flow in healthy volunteers: comparison between the subjects with and without ALDH I isozyme. Yoshihara H, et al. **Alcohol** 1985 May-Jun;2(3):463-8

On the nature of L-xylulose reductase deficiency in essential pentosuria. Lane AB. **Biochem Genet** 1985 Feb; 23(1-2):61-72

Myoadenylate deaminase deficiency: inherited and acquired forms. Fishbein WN. **Biochem Med** 1985 Apr;33(2):158-69

An isozyme-specific selective system for the recovery of mammalian cells deficient in hepatic alcohol dehydrogenase activity. Killary AM, et al. **Exp Cell Res** 1984 Oct; 154(2):442-53

Carbonic anhydrase II deficiency in 12 families with the autosomal recessive syndrome of osteopetrosis with renal tubular acidosis and cerebral calcification. Sly WS, et al. **N Engl J Med** 1985 Jul 18;313(3):139-45

DIAGNOSTIC USE

Nonspecific staining of mast cells by avidin-biotin-peroxidase technic [letter] Pittman DL. **Am J Clin Pathol** 1985 Jan; 83(1):134

GENETICS

Aldehyde dehydrogenase polymorphism and alcohol metabolism in alcoholics. Harada S, et al. **Alcohol** 1985 May-Jun;2(3):391-2

Polymorphism of aldehyde dehydrogenase and ethanol elimination. Mizoi Y, et al. **Alcohol** 1985 May-Jun; 2(3):393-6

Alcohol and aldehyde dehydrogenase isoenzymes in North American Indians. Rex DK, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):147-52

Hereditary heat-labile hexosaminidase B: a variant whose homozygotes synthesize a functional HEX A. Navon R, et al. **Am J Hum Genet** 1985 Jan;37(1):138-46

Differentiation of human adult and fetal intestinal alkaline phosphatases with monoclonal antibodies. Vockley J, et al. **Am J Hum Genet** 1984 Sep;36(5):987-1000

Changes of aldolase A and B messenger RNA levels in rat liver during azo-dye-induced hepatocarcinogenesis. Daimon M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):337-43

Different genes code for alkaline phosphatases from human fetal and adult intestine. Mueller HD, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):427-33

Analysis of neuraminidase isozyme phenotypes in mammalian tissues: an electrophoretic approach. Samollow PB, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1182-8

A new pyruvate kinase mutation with hyperactivity in the mouse. Charles DJ, et al. **Biochem Genet** 1984 Dec; 22(11-12):1103-17

A new variant of serum leucine aminopeptidase in the mouse: its development and possible regulation. Finlay M, et al. **Biochem Genet** 1985 Feb;23(1-2):169-80

The relationship between alpha-amylase species found in developing and germinating wheat grain. Gale MD, et al. **Biochem Genet** 1984 Dec;22(11-12):1031-6

Biochemical genetics of aldehyde dehydrogenase isozymes in the mouse: evidence for stomach- and testis-specific isozymes. Mather PB, et al. **Biochem Genet** 1984 Dec; 22(11-12):981-95

Aldehyde reductase isozymes in the mouse: evidence for two new loci and localization of Ahr-3 on chromosome 7. Mather PB, et al. **Biochem Genet** 1985 Jun;23(5-6):483-96

Genetic structure of natural populations of the red-spotted newt, Notophthalmus viridescens. Merritt RB, et al. **Biochem Genet** 1984 Aug;22(7-8):669-86

The Pk-3 gene determines both the heart, M1, and the kidney, M2, pyruvate kinase isozymes in the mouse; and a simple electrophoretic method for separating phosphoglucomutase-3. Peters J, et al. **Biochem Genet** 1984 Dec;22(11-12):1047-63

Catalytic properties of alcohol dehydrogenase isozymes specified by duplicate genes in the diploid plant Stephanomeria exigua. Roose ML. **Biochem Genet** 1984 Aug;22(7-8):631-43

Genetics, subcellular localization, and molecular characterization of 6-phosphogluconate dehydrogenase isozymes in tomato. Tanksley SD, et al. **Biochem Genet** 1985 Jun;23(5-6):441-54

Human platelet phenol sulfotransferase: familial variation in thermal stability of the TS form. Van Loon J, et al. **Biochem Genet** 1984 Dec;22(11-12):997-1014

Esterase-23 (ES-23): characterization of a new carboxylesterase isozyme (EC 3.1.1.1) of the house mouse, genetically linked to ES-2 on chromosome 8. von Deimling OH. **Biochem Genet** 1984 Oct;22(9-10):769-82

Distorted segregation and linkage of alcohol dehydrogenase genes in Camellia japonica L. (Theaceae). Wendel JF, et al. **Biochem Genet** 1984 Aug;22(7-8):739-48

Incidence of variants of human red cell NADH diaphorase in Japanese newborns and coordinate developmental changes of its activity with fetal hemoglobin and F cells. Shimizu K, et al. **Biol Neonate** 1984;46(6):261-6

Genetic polymorphism in populations of Akodon rodents. Apfelbaum LI, et al. **Can J Genet Cytol** 1985 Feb;27(1):12-6

Aberrant gene expression at the creatine kinase loci during Barbus hybrid development (Cypriniformes, Teleostei). Frankel JS, et al. **Comp Biochem Physiol [B]** 1985; 80(3):463-6

Isoelectric focusing studies of aldehyde dehydrogenases from mouse tissues: variant phenotypes of liver, stomach and testis isozymes. Rout UK, et al. **Comp Biochem Physiol [B]** 1985;81(3):647-51

Differential viability of phosphoglucose isomerase allozyme genotypes of marine snails in nonionic detergent and crude oil-surfactant mixtures. Lavie B, et al. **Environ Res** 1984 Oct;35(1):270-6

Cardiac myosin heavy chain isozymic transitions during development and under pathological conditions are regulated at the level of mRNA availability. Mahdavi V, et al. **Eur Heart J** 1984 Dec;5 Suppl F:181-91

Alkaline phosphatase isozyme conversion by cell-free extract of Escherichia coli. Nakata A, et al. **FEBS Lett** 1984 Oct 1;175(2):343-8

Hybridization and introgression among species of sunfish (Lepomis): analysis by mitochondrial DNA and allozyme markers. Avise JC, et al. **Genetics** 1984 Sep;108(1):237-55

Evolution and variation of renin genes in mice. Dickinson DP, et al. **Genetics** 1984 Nov;108(3):651-67

Genetics of Zoarces populations. XIII. Three loci determining isoenzymes of glutamic-oxaloacetic transaminase. Simonsen V, et al. **Hereditas** 1984; 101(2):129-36

Enzyme heterozygosity associated with anatomical character variance and growth in the herring (Clupea harengus L.). King DP. **Heredity (Edinburgh)** 1985 Jun;54 (Pt 3):289-96

Heterozygosity and developmental stability in gynogenetic diploid and triploid rainbow trout. Leary RF, et al. **Heredity (Edinburgh)** 1985 Apr;54 (Pt 2):219-25

Origin of human triosephosphate isomerase isozymes: further evidence for the single structural locus hypothesis with Japanese variants. Asakawa J, et al. **Hum Genet** 1985; 71(1):22-6

Electrophoretic variants of blood proteins in Japanese. IV. Prevalence and enzymologic characteristics of glucose-6-phosphate dehydrogenase variants in Hiroshima and Nagasaki. Kageoka T, et al. **Hum Genet** 1985; 70(2):101-8

Further regional localization of the genes for human acid alpha glucosidase (GAA), peptidase D (PEPD), and alpha mannosidase B (MANB) by somatic cell hybridization. Martiniuk F, et al. **Hum Genet** 1985;69(2):109-11

Three new red cell acid phosphatase variants [letter] Nelson MS, et al. **Hum Genet** 1985;70(2):190

Population studies on human phosphoglucomutase-1 thermostability polymorphism. Scozzari R, et al. **Hum Genet** 1984;68(4):314-7

G-6-PD Jalisco and G-6-PD Morelia: two new Mexican variants. Vaca G, et al. **Hum Genet** 1985;71(1):82-5

Incidence of C5 isozyme of serum cholinesterase (E2 locus) in populations of Andhra Pradesh, South India. Rao PR, et al. **Hum Hered** 1985;35(2):126-8

Genetic polymorphisms in the Kuwaiti Arabs. Singh Sawhney K, et al. **Hum Hered** 1984;34(5):303-7

Structural and genetic relationships between cytosolic and mitochondrial isoenzymes. Doonan S, et al. **Int J Biochem** 1984;16(12):1193-9 (40 ref.)

The use of isozymes as probes to identify and label plant varieties and cultivars. Nielsen G. **Isozymes Curr Top Biol Med Res** 1985;12:1-32 (96 ref.)

The phosphoglycerate kinase isozyme system in mammals: biochemical, genetic, developmental, and evolutionary aspects. VandeBerg JL. **Isozymes Curr Top Biol Med Res** 1985;12:133-87 (153 ref.)

Allelic isozymes and the mechanistic study of evolution. Watt WB. **Isozymes Curr Top Biol Med Res** 1985;12:89-132 (160 ref.)

Molecular basis of isozyme formation of beta-galactosidases in Bacillus stearothermophilus: isolation of two beta-galactosidase genes, bgaA and bgaB. Hirata H, et al. **J Bacteriol** 1984 Oct;160(1):9-14

Characterization of complementary DNA clones coding for two forms of 3-methylcholanthrene-inducible rat liver cytochrome P-450. Yabusaki Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):793-804

Characterization of the chicken aldolase B gene. Burgess DG, et al. **J Biol Chem** 1985 Apr 25;260(8):4604-14

Comparison of the flanking regions and introns of the mouse 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible cytochrome P1-450 and P3-450 genes. Gonzalez FJ, et al. **J Biol Chem** 1985 Apr 25;260(8):5040-9

Identity of neutral alpha-glucosidase AB and the glycoprotein processing enzyme glucosidase II. Biochemical and genetic studies. Martiniuk F, et al. **J Biol Chem** 1985 Jan 25;260(2):1238-42

Construction of hybrid genes of 6-aminohexanoic acid-oligomer hydrolase and its analogous enzyme. Estimation of the intramolecular regions important for the enzyme evolution. Negoro S, et al. **J Biol Chem** 1984 Nov 25;259(22):13648-51

Complete nucleotide sequence of a methylcholanthrene-inducible cytochrome P-450 (P-450d) gene in the rat. Sogawa K, et al. **J Biol Chem** 1985 Apr 25;260(8):5026-32

Glyceraldehyde-3-phosphate dehydrogenase from Drosophila melanogaster. Identification of two isozymic forms encoded by separate genes. Sullivan DT, et al. **J Biol Chem** 1985 Apr 10;260(7):4345-50

Gene structure of a major form of phenobarbital-inducible cytochrome P-450 in rat liver. Suwa Y, et al. **J Biol Chem** 1985 Jul 5;260(13):7980-4

Structure and genomic organization of the rat aldolase B gene. Tsutsumi K, et al. **J Mol Biol** 1985 Jan 20; 181(2):153-60

Polymorphism of acetylcholinesterase in discrete regions of the developing human fetal brain. Zakut H, et al. **J Neurochem** 1985 Aug;45(2):382-9

Isozyme study of Onchocerca volvulus and Onchocerca gutturosa in Guatemala. Agatsuma T, et al. **J Parasitol** 1985 Jun;71(3):370-3

Clon[illegible]f hexokinase isoenzyme PI from Saccharomyces cerevisiae: PI transformants confirm the unique role of hexokinase isoenzyme PII for glucose repression in yeasts. Entian KD, et al. **MGG** 1984;198(1):50-4

Allelic heterogeneity in adult hereditary fructose intolerance. Detection of structural mutations in the aldolase B molecule. Cox TM, et al. **Mol Biol Med** 1983 Nov; 1(4):393-400

Molecular analysis of the alcohol dehydrogenase 2 (Adh2) gene of maize. Dennis ES, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):727-43

Human aldolase isozyme gene: the structure of multispecies aldolase B mRNAs. Sakakibara M, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5055-69

The nucleotide sequence of the ilvBN operon of Escherichia coli: sequence homologies of the acetohydroxy acid synthase isozymes. Wek RC, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3995-4010

Cloning of cDNAs for human aldehyde dehydrogenases 1 and 2. Hsu LC, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3771-5

Cloned cDNA for rabbit erythrocyte carbonic anhydrase I: A novel erythrocyte-specific probe to study development in erythroid tissues. Konialis CP, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):663-7

Cloning and characterization of cDNAs encoding 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible rabbit mRNAs for cytochrome P-450 isozymes 4 and 6. Okino ST, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5310-4

Human alkaline phosphatase isozymes. Genetic variations and their relationship to natural selection. Beckman G, et al. **Prog Clin Biol Res** 1984;166:15-23

Regulation of alkaline phosphatase gene expression in cultured placental cells. Chou JY, et al. **Prog Clin Biol Res** 1984;166:167-86

An hypothesis on the evolution of human placental alkaline phosphatase. Doellgast GJ. **Prog Clin Biol Res** 1984; 166:25-46

Present status and future trends of human alkaline phosphatases. Stigbrand T. **Prog Clin Biol Res** 1984; 166:3-14

[Numerical cladistics of the phylogeny of the genus Leishmania Ross, 1903 (Kinetoplastida-Trypanosomatidae). Use of enzyme characteristics] Lanotte G, et al. **C R Acad Sci [III]** 1984; 299(19):769-72 (Eng. Abstr.) **(Fre)**

[Isoenzymatic strains of Trypanosoma cruzi: recent or ancient, homogeneous or heterogeneous origin?] Tibayrenc M, et al. **C R Acad Sci [III]** 1984;299(7):195-8 (Eng. Abstr.) **(Fre)**

[Aldolase isozyme gene: on the structure and the tissue-specific expression of a muscle type aldolase gene] Mukai T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):609-15 (Eng. Abstr.) **(Jpn)**

[Rat aldolase isozyme gene: structure and expression in the liver during both fetal development and chemical carcinogenesis] Tsutsumi K, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):616-21 (Eng. Abstr.) **(Jpn)**

[Isoenzyme polymorphism and its importance for forensic medical expertise in presenting material evidence] Gladkikh AS, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):37-40 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Immunological properties of rat arginases. Porembska Z, et al. **Acta Biochim Pol** 1984;31(2):223-7

Immunological comparison of lipoxygenase isozymes-1 and -2 with soybean seedling lipoxygenases. Peterman TK, et al. **Arch Biochem Biophys** 1985 May 1;238(2):476-83

Use of monoclonal antibody probes against rat hepatic cytochromes P-450c and P-450d to detect immunochemically related isozymes in liver microsomes from different species. Thomas PE, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):239-53

Immunological characterization of human acid phosphatase gene products. Waheed A, et al. **Biochem Genet** 1985 Apr; 23(3-4):309-19

Two immunologically distinct Yc-type subunits are present in rat lung glutathione S-transferases. Singh SV, et al. **Biochem J** 1984 Nov 15;224(1):335-8

Cross reactivity of a high-Mr alkaline phosphatase isoenzyme with a commercial antiserum to intestinal alkaline phosphatase [letter] El-Mokhefi Z, et al. **Clin Chem** 1985 Jan;31(1):147-8

Two isozymes of the Na,K-ATPase have distinct antigenic determinants. Sweadner KJ, et al. **J Biol Chem** 1985 Jul 25;260(15):9016-22

A smooth muscle-specific monoclonal antibody recognizes smooth muscle actin isozymes. Gown AM, et al. **J Cell Biol** 1985 Mar;100(3):807-13

Seroepidemiological study of antibody responses to the zymodemes of Entamoeba histolytica. Jackson TF, et al. **Lancet** 1985 Mar 30;1(8431):716-9

Monoclonal antibodies to the Ca2++Mg2+-dependent ATPase of skeletal muscle sarcoplasmic reticulum--cross-reactivity with ATPase isozymes and other Ca2+-binding proteins. Zubrzycka-Gaarn E, et al. **Prog Clin Biol Res** 1984;168:19-23

[Relation between frequency of the development of ALP-bound immunoglobulins and pathophysiology] Hattori Y. **Rinsho Byori** 1984 Nov;Spec No 60:119-26 (26 ref.) **(Jpn)**

[Detection of enzyme-bound immunoglobulins by immunofixation electrophoresis] Kanemitsu F. **Rinsho Byori** 1984 Nov;Spec No 60:25-33 (43 ref.) **(Jpn)**

[Subjects and problems in enzyme-bound immunoglobulin study] Kanno T. **Rinsho Byori** 1984 Nov;Spec No 60:9-16 **(Jpn)**

[Relation between frequency of the development of immunoglobulins bound to various enzymes (including enzyme inactivators) and pathophysiology] Kano S. **Rinsho Byori** 1984 Nov;Spec No 60:127-36 (44 ref.) **(Jpn)**

[Progress in the study of enzyme-bound immunoglobulins] Kitamura M. **Rinsho Byori** 1984 Nov;Spec No 60:3-8 **(Jpn)**

[Detection of enzyme-bound immunoglobulins by immunoelectrophoresis] Saga M. **Rinsho Byori** 1984 Nov; Spec No 60:17-24 **(Jpn)**

[Binding affinity between enzymes and enzyme-binding immunoglobulins] Sudo K. **Rinsho Byori** 1984 Nov;Spec No 60:68-76 (38 ref.) **(Jpn)**

[Relation between frequency of the development of enzyme-bound immunoglobulins and pathophysiology. Amylase-bound immunoglobulins] Tozawa T. **Rinsho Byori** 1984 Nov;Spec No 60:98-104 (30 ref.) **(Jpn)**

[Detection of enzyme-bound immunoglobulins by affinity electrophoresis] Yamamoto K. **Rinsho Byori** 1984 Nov; Spec No 60:34-43 **(Jpn)**

ISOLATION & PURIFICATION

Entamoeba histolytica: electrophoretic isoenzyme patterns of strains and their virulence in the cecum of gerbils (Meriones unguiculatus). Chadee K, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):870-8

Isoenzyme patterns of Leishmania isolates from Colombia.

Werner JK, et al. **Am J Trop Med Hyg** 1985 May; 34(3):438-9

Resolution of the isoenzymes of soybean lipoxygenase using isoelectric focusing and chromatofocusing. Funk MO, et al. **Anal Biochem** 1985 Apr;146(1):246-51

Evidence for a family of four immunochemically related isozymes of cytochrome P-450 purified from untreated rats. Bandiera S, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):478-82

Purification and some properties of carbonic anhydrase from bovine skeletal muscle. Engberg P, et al. **Arch Biochem Biophys** 1985 Sep;241(2):628-38

Purification and characterization of an abscisic acid-inducible anionic peroxidase associated with suberization in potato (Solanum tuberosum). Espelie KE, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):539-45

Enolase isozymes from Ricinus communis: partial purification and characterization of the isozymes. Miernyk JA, et al. **Arch Biochem Biophys** 1984 Sep;233(2):643-51

Purification and characterization of a new form of glutathione S-transferase from human erythrocytes. Awasthi YC, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1053-60

Amino-terminal sequence analysis of six cytochrome P-450 isozymes purified by monoclonal antibody directed immunopurification. Cheng KC, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1201-8

Monoclonal antibody directed isolation and amino-terminal sequence analysis of phenobarbital induced rat liver cytochromes P-450. Friedman FK, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):926-33

Two forms of acid alpha-D-mannosidase in monkey brain: evidence for the co-existence of high mannose and complex oligosaccharides in one form. Mathur R, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1185-93

Isolation of pure, catalytically active human liver monoamine oxidase B: antibody complex. Patel NT, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):748-54

The major rat heart glutathione S-transferases are anionic isozymes composed of Yb size subunits. Tu CP, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):981-8

A modified form of mitochondrial hexokinase produced by ATP-induced solubilization. Ureta T, et al. **Biochem Int** 1983 Nov;7(5):585-92

The removal of cytosolic-type aldehyde dehydrogenase from preparations of sheep liver mitochondrial aldehyde dehydrogenase and the unusual properties of the purified mitochondrial enzyme in assays. Allanson S, et al. **Biochem J** 1984 Nov 15;224(1):163-9

Human liver alcohol dehydrogenase: purification and kinetic characterization of the beta 2 beta 2, beta 2 beta 1, alpha beta 2, and beta 2 gamma 1 'Oriental' isoenzymes. Yin SJ, et al. **Biochemistry** 1984 Nov 20;23(24):5847-53

Complete amino-acid sequences of two isocytochromes c of the housefly, Musca domestica L., and their developmental variation in different tissues. Inoue S, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):188-95

Isolation and characterization of two forms of Met-tRNAf deacylase from rabbit reticulocyte ribosomes. Kwan A, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):80-8

Purification and structural comparisons of the cytosolic and mitochondrial isoenzymes of fumarase from pig liver. O'Hare MC, et al. **Biochim Biophys Acta** 1985 Feb 4; 827(2):127-34

Isolation and characterization of two constitutive forms of microsomal cytochrome P-450 from a single bovine liver. Tsubaki M, et al. **Biochim Biophys Acta** 1985 Aug 23; 830(3):244-57

Distribution and properties of type I and type II binding proteins in the cyclic adenosine 3':5'-monophosphate-dependent protein kinase system in Wilms' tumor. Nakajima F, et al. **Cancer Res** 1984 Nov; 44(11):5182-7

Isolation of beta-hexosaminidase isoenzymes from annelids by phenyl boronate agarose chromatography. Orlacchio A, et al. **Cell Mol Biol** 1985;31(3):163-9

Isolation and characterization of cancer-associated galactosyltransferase isoenzyme. Ram BP, et al. **Clin Chem** 1984 Oct;30(10):1656-63

Functional significance of multiple forms of renin. Malvin RL, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1781-6

Isolation of two phospholipases A2 from Mojave rattlesnake (Crotalus scutulatus scutulatus) venom and variation of immunologically related venom proteins in different populations. Zepeda H, et al. **Comp Biochem Physiol [B]** 1985;81(2):319-24

Classification and characterization of cardiac isomyosins. Clark WA, et al. **Eur Heart J** 1984 Dec;5 Suppl F:69-75

Glucose repression and hexokinase isoenzymes in yeast. Isolation and characterization of a modified hexokinase PII isoenzyme. Kopetzki E, et al. **Eur J Biochem** 1985 Feb 1;146(3):657-62

Isolation and properties of cytochrome c oxidase from rat liver and quantification of immunological differences between isozymes from various rat tissues with subunit-specific antisera. Kuhn-Nentwig L, et al. **Eur J Biochem** 1985 May 15;149(1):147-58

Purification and molecular properties of a Class II alcohol dehydrogenase (ADH-C2) from horse liver. Seeley TL, et al. **Int J Biochem** 1984;16(10):1037-42

DNA repair in Saccharomyces cerevisiae: purification and characterization of apurinic endonucleases. Armel PR, et al. **J Bacteriol** 1984 Dec;160(3):895-902

Aspartate aminotransferase isozymes from rabbit liver. Purification and properties. Kuramitsu S, et al. **J Biochem (Tokyo)** 1985 May;97(5):1337-45

Purification and characterization of seven distinct forms of liver microsomal cytochrome P-450 from untreated and inducer-treated male Wistar rats. Nagata K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1755-66

Isozymes of bovine intestinal alkaline phosphatase. Besman M, et al. **J Biol Chem** 1985 Sep 15;260(20):11190-3

Detection and purification of cytochromes P-450 in animal tissues with monoclonal antibodies. Cheng KC, et al. **J Biol Chem** 1984 Oct 10;259(19):12279-84

Purification from Dictyostelium discoideum of a low-molecular-weight myosin that resembles myosin I from Acanthamoeba castellanii. Côté GP, et al. **J Biol Chem** 1985 Apr 25;260(8):4543-6

Nature of the rat brain 6-phosphofructo-1-kinase isozymes. Dunaway GA, et al. **J Biol Chem** 1985 Apr 10; 260(7):4180-5

Isolation and characterization of phosphofructokinase C from rabbit brain. Foe LG, et al. **J Biol Chem** 1985 Jan 25; 260(2):726-30

Purification and characterization of multiple forms of human plasma prekallikrein. Hojima Y, et al. **J Biol Chem** 1985 Jan 10;260(1):400-6

L-type glycogen synthase. Tissue distribution and electrophoretic mobility. Kaslow HR, et al. **J Biol Chem** 1985 Aug 25;260(18):9953-6

Rat liver aldehyde dehydrogenase. II. Isolation and characterization of four inducible isozymes. Lindahl R, et al. **J Biol Chem** 1984 Oct 10;259(19):11991-6

Rat liver aldehyde dehydrogenase. I. Isolation and characterization of four high Km normal liver isozymes. Lindahl R, et al. **J Biol Chem** 1984 Oct 10;259(19):11986-90

Distinctions between the multiple cationic forms of rat liver glutathione S-transferase. Maruyama H, et al. **J Biol Chem** 1984 Oct 25;259(20):12444-8

A rat brain isozyme of angiotensin-converting enzyme. Unique specificity for amidated peptide substrates. Strittmatter SM, et al. **J Biol Chem** 1985 Aug 15; 260(17):9825-32

On the multiplicity of rat liver glutathione S-transferases. Tu CP, et al. **J Biol Chem** 1985 Aug 25;260(18):9961-4

Purification and properties of H + -translocating, Mg2 + -adenosine triphosphatase from vacuolar membranes of Saccharomyces cerevisiae. Uchida E, et al. **J Biol Chem** 1985 Jan 25;260(2):1090-5

Two isoenzymes of glyceraldehyde-3-phosphate dehydrogenase in Caenorhabditis elegans. Isolation, properties, and immunochemical characterization. Yarbrough PO, et al. **J Biol Chem** 1984 Dec 10; 259(23):14711-20

Resolution of multiple forms of cytochrome P-450 by high-performance liquid chromatography. Bansal SK, et al. **J Chromatogr** 1984 Aug 3;297:119-27

Elution of the catalytic subunits of the type I and type II forms of cyclic AMP-dependent protein kinase within the type I chromatographic peak. Hunzicker-Dunn M, et al. **J Chromatogr** 1984 Nov 16;312:293-302

Isozymes of human erythrocyte pyrimidine 5'-nucleotidase--chromatographic separation and their properties. Hirono A, et al. **Jpn J Exp Med** 1985 Feb; 55(1):37-44

Thymidine kinase isoenzymes in human acute monocytic leukemia. Munch-Petersen B, et al. **Mol Cell Biochem** 1985 Mar;66(2):185-91

Solubilization and some properties of gamma-glutamyltransferase from human brain microvessels. Veselý J, et al. **Neurochem Res** 1984 Jul; 9(7):927-34

Purification and characterization of human liver beta 1 beta 1, beta 2 beta 2 and beta Ind beta Ind alcohol dehydrogenase isoenzymes. Bosron WF, et al. **Prog Clin Biol Res** 1985;174:193-206

Purification and characterization of human neuron-specific enolase: radioimmunoassay development. Påhlman S, et al. **Tumour Biol** 1984;5(2):127-39

[Molecular weight of mitochondrial type B MAO in various organs of guinea pig] Obata T, et al. **Nippon Yakurigaku Zasshi** 1985 Jan;85(1):23-31 (Eng. Abstr.) **(Jpn)**

[Separation of modified amylase using electrophoresis and inhibitor methods] Hirasawa Y, et al. **Rinsho Byori** 1985 Feb;33(2):183-8 **(Jpn)**

[cAMP-dependent protein kinase from pigeon breast muscle. Isolation of regulatory subunits by affinity chromatography and study of the topography of the cAMP binding site using cAMP analogs] Grivennikov IA, et al. **Biokhimiia** 1984 Sep;49(9):1395-406 (Eng. Abstr.) **(Rus)**

METABOLISM

Control of myosin isozymes during myogenesis in the rat. Rubinstein NA, et al. **Adv Exp Med Biol** 1985;182:141-53

Kinetic characterization of two classes of dog liver alcohol dehydrogenase isoenzymes. Bosron WF, et al. **Alcoholism (NY)** 1985 May-Jun;9(3):228-34

Brain NaK-ATPases in mice differentially sensitive to alcohols. Marks MJ, et al. **Alcoholism (NY)** 1984 Jul-Aug; 8(4):390-6

Enzyme activities of cultured erythroblasts. Shinohara K, et al. **Am J Hematol** 1985 Oct;20(2):145-51

Methyl palmoxirate increases Ca2 + -myosin ATPase activity and changes myosin isoenzyme distribution in the diabetic rat heart. Dillmann WH. **Am J Physiol** 1985 May;248(5 Pt 1):E602-6

Characterization and regulation of rat hepatic microsomal cytochrome P-450 isozymes. Ryan DE, et al. **Ann NY Acad Sci** 1984;435:73-85

Effect of propranolol on peroxidase in tracheal epithelial cells. Watanabe K, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):71-4

X-ray absorption studies of intermediates in peroxidase activity. Chance B, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):596-611

Specificity of two different purified acylcarnitine hydrolases from rat liver, their identity with other carboxylesterases, and their possible function. Mentlein R, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):801-10

A reexamination of the role of the cytosolic alanine aminotransferase in hepatic gluconeogenesis. Patel TB, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):705-11

Rat hepatic cytochrome P-450 isozyme specificity for the metabolism of the steroid sulfate, 5 alpha-androstane-3 alpha, 17 beta-diol-3,17-disulfate. Ryan DE, et al. **Arch Biochem Biophys** 1984 Sep;233(2):636-42

The carbon dioxide hydration activity of the sulfonamide-resistant carbonic anhydrase from the liver of male rat: pH independence of the steady-state kinetics. Sanyal G. **Arch Biochem Biophys** 1984 Nov 1;234(2):576-9

Cytochrome P-450-catalyzed stereoselective epoxidation at the K region of benz[a]anthracene and benzo[a]pyrene. Yang SK, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):546-52

The isomyosins of rabbit middle ear muscles. Moraru I Jr, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):385-90

A single step method for the separation of rat liver cytosolic glutathione S-transferase isozymes. Botti-Cacciari B, et al. **Arch Toxicol [Suppl]** 1984;7:517-20

The influence of endurance training on mechanical catecholamine responsiveness, beta-adrenoceptor density and myosin isoenzyme pattern of rat ventricular myocardium. Takeda N, et al. **Basic Res Cardiol** 1985 Jan-Feb;80(1):88-99

Studies on the identity of the heme-binding cysteinyl residue in rabbit liver microsomal cytochrome P-450 isozyme 2. Black SD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):82-9

Some properties of a liver protein that activates glycogen synthase b. Haverstick DM, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):170-7

Oxidation of the neurotoxic amine 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) by monoamine oxidases A and B and suicide inactivation of the enzymes by MPTP. Salach JI, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):831-5

Biochemical characterization of arylsulfatase-C isozymes in human fibroblasts. Simard JP, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1388-94

Leukotriene C4 formation catalyzed by three distinct forms of human cytosolic glutathione transferase. Söderström M, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):265-70

Influence of myocardial isomyosins on cardiac performance and oxygen consumption. Wikman-Coffelt J, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1314-23

Purification and some properties of four glutathione-S-transferase isoenzymes from rat testes. Kraus P. **Biochem Int** 1983 May;6(5):599-607

Membrane-bound lactate dehydrogenases and mandelate dehydrogenases of Acinetobacter calcoaceticus. Location and regulation of expression. Allison N, et al. **Biochem J** 1985 May 1;227(3):753-7

Age-dependent changes in the multiple forms of the soluble 17 beta-hydroxysteroid dehydrogenase of female rabbit liver. Antoun GR, et al. **Biochem J** 1985 Jan 15; 225(2):391-8

Comparative resonance Raman spectroscopic and kinetic studies of acyl-enzymes involving papain, actinidin and papaya peptidase II. Brocklehurst K, et al. **Biochem J** 1984 Nov 1;223(3):649-57

Hormonal regulation of L-type pyruvate kinase in hepatocytes from phosphorylase kinase-deficient (gsd/gsd) rats. Clark MG, et al. **Biochem J** 1984 Dec 15;224(3):863-9

Guinea-pig liver testosterone 17 beta-dehydrogenase (NADP +) and aldehyde reductase exhibit benzene dihydrodiol dehydrogenase activity. Hara A, et al. **Biochem J** 1985 Jan 1;225(1):177-81

Electrophoretic characterization of hepatic alkaline phosphatase released by phosphatidylinositol-specific phospholipase C. A comparison with liver membrane and serum-soluble forms. Kominami T, et al. **Biochem J** 1985 Apr 1;227(1):183-9

Characteristics of selective activation of cyclic AMP-dependent protein kinase isoenzymes by calcitonin and prostaglandin E2 in human breast cancer cells. Livesey SA, et al. **Biochem J** 1984 Dec 1;224(2):361-70

Extracellular superoxide dismutase and other superoxide dismutase isoenzymes in tissues from nine mammalian species. Marklund SL. **Biochem J** 1984 Sep 15; 222(3):649-55

Ornithine decarboxylase modification and polyamine-stimulated enzyme inactivation in HTC cells. Mitchell JL, et al. **Biochem J** 1985 Jun 1;228(2):297-308

Identification of a basic hybrid glutathione S-transferase from human liver. Glutathione S-transferase delta is composed of two distinct subunits (B1 and B2). Stockman PK, et al. **Biochem J** 1985 Apr 15;227(2):457-65

Purification and characterization of two forms of microsomal carbonyl reductase in guinea pig liver. Usui S, et al. **Biochem J** 1984 Nov 1;223(3):697-705

Isoenzymes of phosphofructokinase in the rat. Demonstration of the three non-identical subunits by biochemical, immunochemical and kinetic studies. Vora S, et al. **Biochem J** 1985 Jul 15;229(2):333-41

Evidence for the presence in smooth muscle of two types of Ca2+-transport ATPase. Wuytack F, et al. **Biochem J** 1984 Dec 1;224(2):445-51

The regulation of mitochondrial-bound hexokinases in the liver. Weiler U, et al. **Biochem Med** 1985 Apr;33(2):223-35

Comparative study on the metabolism of N-methyl-4-aminoazobenzene by two forms of cytochrome P-488. Kimura T, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3375-7

Different effects of cyanide on the activities of 7-ethoxycoumarin O-deethylation catalyzed by two forms of cytochrome P-450 purified from 3-methylcholanthrene-treated rats. Kitada M, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1133-6

Benzo[a]pyrene-hydroxylase catalyzed by purified isozymes of cytochrome P-450 from beta-naphthoflavone-fed rainbow trout. Williams DE, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3743-53

Mucin sialidase in the rat large intestine. Corfield AP, et al. **Biochem Soc Trans** 1984 Aug;12(4):605-7

Interaction of isozymes of myosin subfragment 1 with actin: effect of ionic strength and nucleotide. Chalovich JM, et al. **Biochemistry** 1984 Oct 9;23(21):4885-9

Human liver alcohol dehydrogenase isozymes: reduction of aldehydes and ketones. Deetz JS, et al. **Biochemistry** 1984 Dec 18;23(26):6822-8

Physical and enzymatic properties of a class II alcohol dehydrogenase isozyme of human liver: pi-ADH. Ditlow CC, et al. **Biochemistry** 1984 Dec 18;23(26):6363-8

Structural importance of the amino-terminal residue of pancreatic phospholipase A2. van Scharrenburg GJ, et al. **Biochemistry** 1984 Dec 4;23(25):6285-94

Evidence for the existence of isozymes of choline kinase and their selective induction in 3-methylcholanthrene- or carbon tetrachloride-treated rat liver. Tadokoro K, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):501-13

Anion inhibition of CO2 hydration catalyzed by human carbonic anhydrase II. Mechanistic implications. Tibell L, et al. **Biochim Biophys Acta** 1984 Sep 25;789(3):302-10

The effect of different hyperglucagonemic states on monooxygenase activities and isozymic pattern of cytochrome P-450 in mouse. Rouer E, et al. **Biosci Rep** 1985 Apr;5(4):335-41

Activation of mammalian skeletal-muscle carbonic anhydrase III by arginine modification. Tashian RE, et al. **Biosci Rep** 1984 Jul;4(7):573-9

Detection of placental-type alkaline phosphatase in ovarian cancer. McDicken IW, et al. **Br J Cancer** 1985 Jul;52(1):59-64

Cellular localization of MAO A and B in brain: evidence from kainic acid lesions in striatum. Francis A, et al. **Brain Res** 1985 May 13;334(1):59-64

Immunocytochemical localizations of cytosolic and mitochondrial glutamic oxaloacetic transaminase isozymes in rat retina as markers for the glutamate-aspartate neuronal system. Inagaki N, et al. **Brain Res** 1985 Jan 28;325(1-2):336-9

Molecular forms and solubility of acetylcholinesterase during the embryonic development of rat and human brain. Muller F, et al. **Brain Res** 1985 Apr 8;331(2):295-302

Enolase distribution in human brain tumors, retinoblastomas and pituitary adenomas. Nakajima T, et al. **Brain Res** 1984 Aug 13;308(2):215-22

Discrimination of the isozymes of human placental hexosaminidase by kinetic parameter estimation. Tommasini R, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):219-24

Synthesis of S-adenosylethionine by the gamma isozyme of methionine adenosyltransferase from Friend erythroleukemic cells. Cox R, et al. **Cancer Res** 1984 Nov;44(11):4938-41

Characterization of the placental alkaline phosphatase-like (Nagao) isozyme on the surface of A431 human epidermoid carcinoma cells. Jemmerson R, et al. **Cancer Res** 1985 Jan;45(1):282-7

Metabolism of N-nitroso-2,6-dimethylmorpholine by isozymes of rabbit liver microsomal cytochrome P-450. Kokkinakis DM, et al. **Cancer Res** 1985 Feb;45(2):619-24

Isozymic composition and regulatory properties of phosphofructokinase from well-differentiated and anaplastic medullary thyroid carcinomas of the rat. Oskam R, et al. **Cancer Res** 1985 Jan;45(1):135-42

Metabolism of nitrosamines by purified rabbit liver cytochrome P-450 isozymes. Yang CS, et al. **Cancer Res** 1985 Mar;45(3):1140-5

Increased activities of thymidine kinase isozymes in human colon polyp and carcinoma. Sakamoto S, et al. **Carcinogenesis** 1985 Jun;6(6):917-9

Heterogeneity of hepatic microsomal UDP-glucuronosyltransferase(s) activities: comparison between human and mammalian species activities. Boutin JA, et al. **Chem Biol Interact** 1984 Dec;52(2):173-84

The economy of isometric force development, myosin isoenzyme pattern and myofibrillar ATPase activity in normal and hypothyroid rat myocardium. Holubarsch C, et al. **Circ Res** 1985 Jan;56(1):78-86

Unusual gamma-glutamyltransferase isoenzyme pattern in serum in cystic fibrosis [letter] Rosalki SB, et al. **Clin Chem** 1985 May;31(5):779

beta-N-acetyl-D-glucosaminidase isoenzymes by chromatofocusing from serum and skin in diabetes. Orlacchio A, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):127-33

Two types of human pancreatic gamma-glutamyl transpeptidase. Yamaguchi N, et al. **Clin Chim Acta** 1985 Apr 15;147(2):75-83

Distribution of dopa-oxidase isozymes among mosquito vectors of viral encephalitis. Igbokwe EC. **Comp Biochem Physiol [B]** 1985;80(1):73-5

Occurrence of type A and type B monoamine oxidase activities in toad egg mitochondria. Nicotra A, et al. **Comp Biochem Physiol [C]** 1984;78(2):353-6

Biochemistry of human alpha amylase isoenzymes. Zakowski JJ, et al. **CRC Crit Rev Clin Lab Sci** 1985;21(4):283-322 (293 ref.)

Superoxide dismutase and peroxidase are coordinately regulated in differentiated and transformed tissues of Nicotiana tabacum. Bremner TA, et al. **Differentiation** 1985;28(3):200-4

Evidence for the metabolism of N-nitrosodimethylamine and carbon tetrachloride by a common isozyme of cytochrome P-450. English JC, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):449-52

Aging selectively alters glutathione S-transferase isozyme concentrations in liver and lung cytosol. Spearman ME, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):661-71

Hexokinase in human chorionic villi. Magnani M, et al. **Early Hum Dev** 1985 Jul;11(2):149-56

Physicochemical and immunochemical proofs of short-term insulin regulation of hepatic M2 pyruvate kinase. Gali P, et al. **Enzyme** 1985;33(1):49-56

A myothermal analysis of the myosin crossbridge cycling rate during isometric tetanus in normal and hypothyroid rat hearts. Alpert NR, et al. **Eur Heart J** 1984 Dec;5 Suppl F:3-11

Cardiac alterations at the myofibrillar level: is a redistribution of the myosin isoenzyme pattern decisive for cardiac failure in haemodynamic overload? Jacob R, et al. **Eur Heart J** 1984 Dec;5 Suppl F:13-26

Correlation of myosin isoenzyme alterations with myocardial function in physiologic and pathologic hypertrophy. Malhotra A, et al. **Eur Heart J** 1984 Dec;5 Suppl F:61-7

Left ventricular isomyosins in normal and hypertrophied rat and human hearts. Schwartz K, et al. **Eur Heart J** 1984 Dec;5 Suppl F:77-83

Specific labeling of cytosolic and mitochondrial aspartate aminotransferases. Carotti D, et al. **Eur J Biochem** 1985 Feb 1;146(3):619-23

Cytochrome P-450 isozyme/isozyme functional interactions and NADPH-cytochrome P-450 reductase concentrations as factors in microsomal metabolism of warfarin. Kaminsky LS, et al. **Eur J Biochem** 1985 Jun 18;149(3):479-89

Demonstration of hepatic triglyceride lipase-like activity in ascites fluid of mice with sarcoma 180. Masuno H, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):727-32

Distribution of isomyosin in cultured cardiac myocytes as determined by monoclonal antibodies and adenosine triphosphatase activity. Nag AC, et al. **Exp Cell Res** 1985 May;158(1):53-62

Effect of steroid hormones on age dependent changes in rat arginase isoenzymes. Kumar AN, et al. **Exp Gerontol** 1984;19(3):191-8

4-Hydroxyalk-2-enals are substrates for glutathione transferase. Alin P, et al. **FEBS Lett** 1985 Jan 7;179(2):267-70

Differential susceptibility of human alcohol dehydrogenase isoenzymes to anions. Bühler R, et al. **FEBS Lett** 1984 Dec 10;178(2):249-52

Metabolism of the neurotoxin in MPTP by human liver monoamine oxidase B. Fritz RR, et al. **FEBS Lett** 1985 Jul 8;186(2):224-8

Hypophysectomy abolishes sexual dimorphism of liver carbonic anhydrase III. Jeffery S, et al. **FEBS Lett** 1984 Sep 17;175(1):129-30

The site of cyclic AMP-dependent protein kinase catalyzed phosphorylation of cytochrome P-450 LM2. Müller R, et al. **FEBS Lett** 1985 Jul 22;187(1):21-4

Characteristics of ATPase activity and the subunit composition of myosin in the conduction system of bovine heart. Tamura Y, et al. **FEBS Lett** 1984 Dec 10;178(2):209-12

Differential binding of rabbit fast muscle myosin light chain isoenzymes to regulated actin. Trayer HR, et al. **FEBS Lett** 1985 Jan 28;180(2):170-3

Amount and distribution of carbonic anhydrases CA I and CA II in the gastrointestinal tract. Lönnerholm G, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1151-61

Ultrastructural demonstration of iodine binding and peroxidase activity in the endostyle of Oikopleura dioica (Appendicularia). Fredriksson G, et al. **Gen Comp Endocrinol** 1985 May;58(2):319-27

Molecular and cellular regulation of pyruvate kinase in red blood cells. Jacobasch G, et al. **Haematologia (Budap)** 1984;17(2):259-66

Changes in isoenzyme patterns expressed by the erythroleukemia cell lines K-562 and HEL after induction of differentiation. Drexler HG, et al. **Hamatol Bluttransfus** 1985;29:430-2

Hepatic clearance of rat liver aspartate aminotransferase isozymes: evidence for endocytotic uptake via different binding sites on sinusoidal liver cells. Horiuchi S, et al. **Hepatology** 1985 May-Jun;5(3):376-82

Plasma clearance of intravenously injected aspartate aminotransferase isozymes: evidence for preferential uptake by sinusoidal liver cells. Kamimoto Y, et al. **Hepatology** 1985 May-Jun;5(3):367-75

Regulation of bile salt sulfotransferase isoenzymes by gonadal hormones. Kane RE 3d, et al. **Hepatology** 1984 Nov-Dec;4(6):1195-9

The localization of hexokinase isoenzymes in red and white skeletal muscles of the rat. Lawrence GM, et al. **Histochem J** 1985 Mar;17(3):353-71

Histochemical and immunohistochemical localization of hexokinase isoenzymes in normal rat liver. Lawrence GM, et al. **Histochem J** 1984 Oct;16(10):1099-111

The ubiquitous localization of type I hexokinase in rat peripheral nerves, smooth muscle cells and epithelial cells. Lawrence GM, et al. **Histochem J** 1984 Oct;16(10):1113-23

Metabolism of nitrosamines by cytochrome P-450 isozymes. Yang CS, et al. **IARC Sci Publ** 1984;(57):423-8

NALL-1, an acute lymphoblastic leukemia cell line with peroxidase activity. Yourno J, et al. **In Vitro** 1984 Nov;20(11):884-8

Peroxidase activities in human breast tumours in relation to menstrual status of the patients. Talukdar C, et al. **Indian J Med Res** 1984 Jun;79:801-5

Comparison of 5'-nucleotidase activities of isolated plasma membranes of two ascites cell variants. Haeffner EW, et al. **Int J Biochem** 1984;16(12):1245-50

Multiple forms of chicken liver and hepatoma Mc-29 microsomal and plasma-membrane sialyl and fucosyltransferases. Ivanov S, et al. **Int J Biochem** 1984;16(12):1307-11

The lysosomal hexosaminidase isozymes. Mahuran D, et al. **Isozymes Curr Top Biol Med Res** 1985;12:229-88 (220 ref.)

Nickel-containing hydrogenase isoenzymes from anaerobically grown Escherichia coli K-12. Ballantine SP, et al. **J Bacteriol** 1985 Aug;163(2):454-9

Regulatory properties of 3-deoxy-D-arabino-heptulosonate-7-phosphate synthase isozymes from Candida maltosa. Bode R, et al. **J Basic Microbiol** 1985;25(1):3-11

Regulation of myosin isoenzyme composition in fetal and neonatal rat ventricle by endogenous thyroid hormones. Chizzonite RA, et al. **J Biol Chem** 1984 Oct 25;259(20):12628-32

A multilocus system for studying tissue and subcellular specialization. The three NADP-dependent isocitrate dehydrogenase isozymes of the fish Fundulus heteroclitus. Gonzalez-Villaseñor LI, et al. **J Biol Chem** 1985 Aug 5;260(16):9106-13

Purification and partial characterization of alkaline phosphatase of matrix vesicles from fetal bovine epiphyseal cartilage. Purification by monoclonal antibody affinity chromatography. Hsu HH, et al. **J Biol Chem** 1985 Feb 10;260(3):1826-31

Myosin heavy chain in avian muscular dystrophy corresponds to the neonatal isozyme. Huszar G, et al. **J Biol Chem** 1985 Aug 25;260(18):9957-60

Inhibition of the hydration of CO2 catalyzed by carbonic anhydrase III from cat muscle. Kararli T, et al. **J Biol Chem** 1985 Mar 25;260(6):3484-9

Phosphotyrosyl-specific protein phosphatase activity of a bovine skeletal acid phosphatase isoenzyme. Comparison with the phosphotyrosyl protein phosphatase activity of skeletal alkaline phosphatase. Lau KH, et al. **J Biol Chem** 1985 Apr 25;260(8):4653-60

Ca2+/calmodulin-dependent protein kinase II. Isozymic forms from rat forebrain and cerebellum. McGuinness TL, et al. **J Biol Chem** 1985 Feb 10;260(3):1696-704

Preferential binding of steroids by anionic forms of rat glutathione S-transferase. Maruyama H, et al. **J Biol Chem** 1984 Oct 25;259(20):12449-55

Characterization of chicken skeletal muscle myosin light chain kinase. Evidence for muscle-specific isozymes. Nunnally MH, et al. **J Biol Chem** 1985 Jan 25;260(2):1020-6

Characterization of Leishmania donovani acid phosphatases. Remaley AT, et al. **J Biol Chem** 1985 Jan 25;260(2):880-6

Subcellular localization of creatine kinase in Torpedo electrocytes: association with acetylcholine receptor-rich membranes. Wallimann T, et al. **J Cell Biol** 1985 Apr;100(4):1063-72

Hereditary pituitary dwarfism in mice affects skeletal and cardiac myosin isozyme transitions differently. Whalen RG, et al. **J Cell Biol** 1985 Aug;101(2):603-9

In vitro effect of estrogens on the peroxidase activity of human endometrium. Okada H, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):404-7

Extracellular superoxide dismutase in human tissues and human cell lines. Marklund SL. **J Clin Invest** 1984 Oct;74(4):1398-403

A comparative analysis of glial and neuronal markers in the retina of fish: variable character of horizontal cells. Linser PJ, et al. **J Comp Neurol** 1985 Jul 8;237(2):264-72

Peroxidase-catalysed iodotyrosine formation in dispersed cells of mouse extrathyroidal tissues. Banerjee RK, et al. **J Endocrinol** 1985 Aug;106(2):159-65

Peroxidase activity in the epithelium of the digestive tract of the bullfrog, Rana catesbeiana. Sugimoto K, et al. **J Exp Zool** 1985 Feb;233(2):209-19

Evidence for a common high affinity binding site on glutathione S-transferase B for lithocholic acid and bilirubin. Sugiyama Y, et al. **J Lipid Res** 1984 Nov; 25(11):1177-83

Multiple cardiac contractile protein abnormalities in myopathic Syrian hamsters (BIO 53 : 58). Malhotra A, et al. **J Mol Cell Cardiol** 1985 Feb;17(2):95-107

Intra- and extraneuronal monoamineoxidase-A and -B activities after central axotomy (hemisection) on rats. Stenström A, et al. **J Neural Transm** 1985;61(1-2):105-13

Monoamine oxidase in young and adult rat brain capillaries. Yu PH. **J Neural Transm** 1984;60(3-4):239-45

Guinea pig striatum as a model of human dopamine deamination: the role of monoamine oxidase isozyme ratio, localization, and affinity for substrate in synaptic dopamine metabolism. Azzaro AJ, et al. **J Neurochem** 1985 Sep; 45(3):949-56

Two forms of rat brain glutamic acid decarboxylase differ in their dependence on free pyridoxal phosphate. Denner LA, et al. **J Neurochem** 1985 Mar;44(3):957-65

Radioactive N,N-dimethylphenylethylamine: a selective radiotracer for in vivo measurement of monoamine oxidase-B activity in the brain. Inoue O, et al. **J Neurochem** 1985 Jan;44(1):210-6

Effects of various forms of stimulation on the content of enolase isozymes and S-100 protein in superior cervical sympathetic ganglia excised from rats. Nagata Y, et al. **J Neurochem** 1984 Nov;43(5):1205-12

Expression of A and B types of monoamine oxidase in differentiated neuroblastoma hybrid cells. Nakano T, et al. **J Neurochem** 1985 Mar;44(3):755-8

Superoxide dismutase isoenzymes in normal brains and in brains from patients with dementia of Alzheimer type. Marklund SL, et al. **J Neurol Sci** 1985 Mar;67(3):319-25

Calcium-activated neutral protease in the peripheral nerve, which requires microM order Ca2+, and its effect on the neurofilament triplet. Kamakura K, et al. **J Neurosci Res** 1985;13(3):391-403

A possible cytochrome P-450-mediated N-oxidation of diethylcarbamazine. Joseph CA, et al. **J Pharm Pharmacol** 1984 Oct;36(10):711-2

Activation of microsomal cAMP-dependent protein kinase isoenzyme I by ACTH1-24 in bovine adrenal cells. Deviller P, et al. **J Steroid Biochem** 1985 Aug;23(2):133-6

Depression of estrogen-induced uterine peroxidase in alloxan-diabetic rats. Piyachaturawat P, et al. **J Steroid Biochem** 1984 Dec;21(6):685-90

Decrease in L-type pyruvate kinase activity in rat liver by some promoters of hepatocarcinogenesis. Yanagi S, et al. **JNCI** 1984 Oct;73(4):887-94

Adenosine 3',5'-monophosphate dependent protein kinase of uterus in euthyroid and hypothyroid rats. Kikkawa F, et al. **Jpn J Pharmacol** 1984 Oct;36(2):161-7

Distribution of N-acetyl-beta-D-glucosaminidase isoenzymes along the rabbit nephron. Bourbouze R, et al. **Kidney Int** 1984 Apr;25(4):636-42

Frequency distribution of Entamoeba histolytica zymodemes in a rural South African population. Gathiram V, et al. **Lancet** 1985 Mar 30;1(8431):719-21

Isoenzyme studies in human leukemia-lymphoma cell lines--III. beta-Hexosaminidase (E.C. 3.2.1.30). Drexler HG, et al. **Leuk Res** 1985;9(5):549-59

Isoenzyme studies in human leukemia-lymphoma cells lines--II. Acid phosphatase. Drexler HG, et al. **Leuk Res** 1985;9(5):537-48

Species differences in monoamine oxidase-A and -B as revealed by sensitivity to trypsin. White HL, et al. **Life Sci** 1984 Aug 20;35(8):827-33

Changes of aldolase and pyruvate kinase isoenzymes during liver cirrhosis induction with carbon tetrachloride and 2-acetylamino-fluorene. Gruszka S, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):75-80

On the ontogeny of aldolase isozymes and their interactions with cellular structure. Reid S, et al. **Mech Ageing Dev** 1985 May 31;30(3):299-317

Modified immunodiffusion and peroxidase staining methods to detect Escherichia coli nitrite reductase and other sirohaem-containing proteins. Tang ZJ, et al. **Microbios** 1984;40(161-162):153-60

Distribution and characterization of cAMP-dependent protein kinase isoenzymes in bovine adrenal cells. Deviller P, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):21-30

Sexual differentiation of cytochrome P-450 in rat liver. Evidence for a constitutive isozyme as the male-specific 16 alpha-hydroxylase. Morgan ET, et al. **Mol Pharmacol** 1985 Apr;27(4):471-9

Enolase isoenzymes as diagnostic markers. Royds JA, et al. **Neuropathol Appl Neurobiol** 1985 Jan-Feb;11(1):1-16

Localization of aspartate aminotransferase and cytochrome oxidase in the cat retina. Bolz J, et al. **Neurosci Lett** 1985 Feb 4;53(3):315-20

Decrease of tailed, asymmetric 16S acetylcholinesterase in rat superior cervical ganglion neurons in vitro after potassium depolarization: partial antagonist action of a calcium-channel blocker. Verdière M, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):135-40

Rapid axonal transport of three molecular forms of acetylcholinesterase in the frog sciatic nerve. Couraud JY, et al. **Neuroscience** 1985 Apr;14(4):1141-7

Topoisomerase I has a strong binding preference for a conserved hexadecameric sequence in the promoter region of the rRNA gene from Tetrahymena pyriformis. Andersen AH, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1543-57

Differential regulation of bovine brain calmodulin-dependent cyclic nucleotide phosphodiesterase isoenzymes by cyclic AMP-dependent protein kinase and calmodulin-dependent phosphatase. Sharma RK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2603-7

Myosin isoenzymes in single muscle fibres of Xenopus laevis: analysis of five different functional types. Lännergren J, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22;222(1228):401-8

Changes in erythrocyte and liver aldehyde dehydrogenase isozymes in alcoholics. Agarwal DP, et al. **Prog Clin Biol Res** 1985;174:113-27

A new method for in vivo measurement of brain monoamine oxidase activity. Inoue O, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):385-95

Oxidation of prostacyclin and its analogs by three 15-hydroxyprostaglandin dehydrogenases. Jarabak J, et al. **Prostaglandins** 1984 Oct;28(4):509-16

Oxidation of pesticides by purified cytochrome P-450 isozymes from mouse liver. Levi PE, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):221-8

Glutathione S-transferases in chemically induced tumors. Kraus P, et al. **Toxicol Pathol** 1984;12(4):344-9

Ligand effects on actin activated ATPase of cardiac and skeletal muscle myosin: the functional role of the light chain isozymes of subfragment-1. Balish MS, et al. **Trans Assoc Am Physicians** 1984;97:95-103

Spectral and inhibitory interactions of methylenedioxyphenyl and related compounds with purified isozymes of cytochrome P-450. Marcus CB, et al. **Xenobiotica** 1985 Apr;15(4):351-62

[Renal osteopathy in long-term dialysis therapy--comparison of the alkaline phosphatase isoenzyme in bone with histologic findings] Hájková B, et al. **Vnitr Lek** 1985 May; 31(5):447-50 (Eng. Abstr.) **(Cze)**

[Role of isoenzymes among tumoral markers] Assicot M, et al. **Ann Biol Clin (Paris)** 1984;42(5):329-35 (32 ref.) **(Fre)**

[Value of studying isoenzymes in hereditary lysosomal lipidoses. In particular beta-glucosidase (Gaucher's disease) and acid lipase (Wolman's disease and cholesterol ester storage disease)] Douste-Blazy L, et al. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):58-65 (Eng. Abstr.) **(Fre)**

[Chronic increase of amylase in primary sicca syndrome] Schmeck HJ, et al. **Dtsch Med Wochenschr** 1984 Oct 19; 109(42):1604-6 (Eng. Abstr.) **(Ger)**

[Immunohistochemical findings in intrathoracic tumors. V. Isoenzymes of nonspecific esterases in lung tissue and bronchial cancers] Eckert H. **Z Erkr Atmungsorgane** 1984; 163(3):256-63 (Eng. Abstr.) **(Ger)**

[Shift of placental alkaline phosphatase isoenzymes in the course of pregnancy] Nozawa S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1145-54 (Eng. Abstr.) **(Jpn)**

[Usefulness of determining amylase isoenzymes in the blood and urine in acute pancreatitis] Tomaszewski L, et al. **Pol Tyg Lek** 1984 May 7;39(19):629-33 **(Pol)**

[Role of adenylate kinase, AMP deaminase and 5'-nucleotidase in the metabolism of adenylic nucleotides] Litovchenko IN, et al. **Biokhimiia** 1984 Aug;49(8):1248-52 (Eng. Abstr.) **(Rus)**

[Immunochemical characteristics of cholesterol-hydroxylating cytochrome P-450 from adrenal cortex mitochondria] Usanov SA, et al. **Biokhimiia** 1984 Nov;49(11):1810-8 (Eng. Abstr.) **(Rus)**

[Effect of electrostimulation of the hypothalamus on the lactate and malate dehydrogenase activity and isoenzyme composition of the rat myocardium] Masiuk AI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):1-6 (Eng. Abstr.) **(Rus)**

[Subcellular distribution and properties of aldehyde dehydrogenase in the rat liver] Konoplitskaia KL, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):624-8 (Eng. Abstr.) **(Rus)**

[Thymidine kinase activity and its isoenzymes in breast tumors] Gershtein ES, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):41-4 (Eng. Abstr.) **(Rus)**

[Molecular forms of acid phosphatase in malignant lung tumors] Golubev AM. **Vestn Akad Med Nauk SSSR** 1984; (8):53-5 (Eng. Abstr.) **(Rus)**

[Electrophoretic evaluation of multiple molecular forms of enzymes and their ratios using alcohol dehydrogenase from mammalian liver cytosol as an example] Sudovtsov VE. **Vopr Med Khim** 1985 May-Jun;31(3):71-7 (Eng. Abstr.) **(Rus)**

[Activity of polymorphic N-acetyltransferase in epilepsy] Barannikov AS, et al. **Zh Nevropatol Psikhiatr** 1985; 85(6):857-61 (Eng. Abstr.) **(Rus)**

[Monoamine oxidases of the brain and problems of central nervous system pathology (review)] Gorkin VZ, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1062-4 (17 ref.) **(Rus)**

[Thermal inactivation of the enzymes polyphenoloxidase and peroxidase in Swiss chard (Beta vulgaris, cicla)] Garrote RL, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):198-216 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Myosin isoenzymes as molecular markers for muscle physiology. Whalen RG. **J Exp Biol** 1985 Mar;115:43-53 (44 ref.)

Ontogenic variations in the interactions of lactate dehydrogenase isozymes with cellular structure. Reid S, et al. **Mech Ageing Dev** 1985 Jun;31(1):69-87

URINE

Urinary lactate dehydrogenase isoenzyme analysis in adult population. Sun T, et al. **Ann Clin Lab Sci** 1985 Jan-Feb; 15(1):32-8

Clearance of pancreatic and salivary alpha-amylase in normal subjects [letter] Hafkenscheid JC, et al. **Clin Chem** 1985 Jan;31(1):162-3

Early monitoring of human renal transplantations by N-acetyl-beta-D-glucosaminidase isoenzyme activities in urines. Bourbouze R, et al. **Clin Chim Acta** 1985 Jul 15; 149(2-3):185-95

Multiple forms of alanine aminopeptidase, alkaline phosphatase and gamma-glutamyltransferase in urine of healthy persons, patients suffering from kidney diseases and patients with kidney transplants. Jung K, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):523-5

[The importance of studying pancreatic amylase induction in children of diabetic mothers] Stejskal J, et al. **Cesk Pediatr** 1985 Feb;40(2):79-84 (Eng. Abstr.) **(Cze)**

[Urinary N-acetyl-beta-D-glucosaminidase (NAG) isoenzyme activity in various renal diseases] Soejima A, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1140-8 **(Jpn)**

[Renal excretion of N-acetyl-beta-D-hexosaminidase and its isoforms after allotransplantation of cadaver kidneys] Tomilina NA, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct; (5):51-7 (Eng. Abstr.) **(Rus)**

ISOEPHEDRINE see **EPHEDRINE**

ISOETHARINE see under **AMINO ALCOHOLS**

ISOFLAVONES see under **FLAVONES**

ISOFLURANE see under **METHYL ETHERS**

ISOFLUROPHATE

ANALOGS & DERIVATIVES

Inhibition of a soman- and diisopropyl phosphorofluoridate (DFP)-detoxifying enzyme by Mipafox. Hoskin FC. **Biochem Pharmacol** 1985 Jun 15;34(12):2069-72

Striatal neurochemical changes and motor dysfunction in mipafox-treated animals. Matin MA, et al. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):79-81

ANTAGONISTS & INHIBITORS

In-vitro and in-vivo protection of acetylcholinesterase by eseroline against inactivation by diisopropyl fluorophosphate and carbamates. Galli A, et al. **J Pharm Pharmacol** 1985 Jan;37(1):42-8

METABOLISM

Characterization of [3H]di-isopropyl phosphorofluoridate-binding proteins in hen brain. Rates of phosphorylation and sensitivity to neurotoxic and non-neurotoxic organophosphorus compounds. Carrington CD, et al. **Biochem J** 1985 Jun 15;228(3):537-44

Biodisposition of [3H]diisopropylfluorophosphate in mice. Martin BR. **Toxicol Appl Pharmacol** 1985 Feb;77(2):275-84

PHARMACODYNAMICS

Different effects of di-isopropylfluorophosphate on the entry of opioids into mouse brain. Green PG, et al. **Br J Pharmacol** 1985 Mar;84(3):657-61

The effects of diisopropylfluorophosphate on spatial frequency responsivity in the cat visual system. Harding TH, et al. **Brain Res** 1985 Jan 28;325(1-2):357-61

Chronic treatment with diisopropylfluorophosphate increases dopamine turnover in the striatum of the rat. Potter PE, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):607-11

Histamine release by esterase inhibitors. The regulation of histamine release from human leukocytes of allergic and non-allergic individuals by the serine esterase inhibitors diisopropyl fluorophosphate and pinacolyl methylphosphorofluoridate. Meier HL, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):218-21

Changes in presynaptic release of acetylcholine during development of tolerance to the anticholinesterase, DFP. Russell RW, et al. **J Neurochem** 1985 Jul;45(1):293-9

Recovery of acetylcholinesterase at intact neuromuscular junctions after in vivo inactivation with di-isopropylfluorophosphate. Kasprzak H, et al. **J Neurosci** 1985 Apr;5(4):951-5

Antinociceptive effect of diisopropylphosphofluoridate: development of tolerance and lack of cross-tolerance to morphine. Costa LG, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):251-6

Effects of DFP on iridic metabolism and release of acetylcholine and on pupillary function in the rat. Mattio TG, et al. **Neuropharmacology** 1984 Oct;23(10):1207-14

Intra- versus extracellular recovery of 16S acetylcholinesterase following organophosphate inactivation in the rat. Fernandez HL, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):117-22

Enhancement of memory by a cholinesterase inhibitor associated with muscarinic receptor down-regulation. Lerer B, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):467-9

Genetically determined differences in acute responses to diisopropylfluorophosphate. Smolen A, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):623-30

Relationship between the pharmacological effects and the biodisposition of [3H]diisopropylfluorophosphate in mice after inhalation. Scimeca JA, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):502-10

[Dissociation of the action of isoprenaline on muscle tension and adenosine-3',5'-monophosphate synthesis in isolated coronary arteries under the effect of diisopropylfluorophosphate] Fermum R, et al. **Biomed Biochim Acta** 1984;43(11):1269-83 (Eng. Abstr.) **(Ger)**

POISONING

Protection against diisopropylfluorophosphate intoxication by pyridostigmine and physostigmine in combination with atropine and mecamylamine. Harris L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug;327(1):64-9

[Effect of dimethoxy dichloro vinyl phosphate and fluorostigmine on the cyclic nucleotide content and dopamine level in the brain nigrostriatal system] Golovko AI, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):46-8 (Eng. Abstr.) **(Rus)**

TOXICITY

Intra-arterial injection of diisopropylfluorophosphate or phenylmethanesulphonyl fluoride produces unilateral neuropathy or protection, respectively, in hens. Caroldi S, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3213-7

Absence of a protective effect of corticosterone on 0-0-diisopropyl phosphorofluoridate (DFP) induced delayed neurotoxicity in chickens. Ehrich M, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):87-92

Methylprednisolone treatment of an organophosphorus-induced delayed neuropathy. Baker T, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):348-52

Comparison of known sodium-channel blockers in DFP toxicity. Klemm WR. **Toxicol Lett** 1985 Jun;25(3):307-12

ISOGRAFT see **TRANSPLANTATION, ISOGENEIC**

ISOHEPTANES see **HEPTANES**

ISOHEXANES see **HEXANES**

ISOIMMUNIZATION, RHESUS see **RH ISOIMMUNIZATION**

ISOLATION, PATIENT see **PATIENT ISOLATION**

ISOLATION PERFUSION THERAPY see **PERFUSION, REGIONAL**

ISOLATION, SOCIAL see **SOCIAL ISOLATION**

ISOLEUCINE

ANTAGONISTS & INHIBITORS

Capillary gas chromatographic/mass spectrometric analysis of abnormal metabolites in hypoglycin-treated rat urine. Hine DG, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):332-9

BIOSYNTHESIS

Regulation of Salmonella typhimurium ilvYC genes. Blazey DL, et al. **J Bacteriol** 1984 Sep;159(3):951-7

GENETICS

Physical analysis of deletion mutations in the ilvGEDA operon of Escherichia coli K-12. Driver RP, et al. **J Bacteriol** 1985 May;162(2):598-606

Restriction endonuclease analysis of the ilvGEDA operon of members of the family Enterobacteriaceae. Driver RP, et al. **J Bacteriol** 1985 Jun;162(3):1317-9

Unusual organization of the ilvIH promoter of Escherichia coli. Haughn GW, et al. **J Bacteriol** 1985 Jul;163(1):186-98

The isolation of lambda phage carrying DNA from the histidine and isoleucine-valine regions of the Bacillus subtilis chromosome. Walton DA, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1577-86

METABOLISM

Properties of a microsomal enzyme system from Linum usitatissimum (linen flax) which oxidizes valine to acetone cyanohydrin and isoleucine to 2-methylbutanone cyanohydrin. Cutler AJ, et al. **Arch Biochem Biophys** 1985 Apr;238(1):272-9

Leucine and isoleucine requirements of the kitten. Hargrove DM, et al. **Br J Nutr** 1984 Nov;52(3):595-605

Incorporation of isoleucine into protein by a soluble fraction from spermatozoa. Hashizume S. **FEBS Lett** 1985 May 6;184(1):44-7

Kinetic analysis of cerebrovascular isoleucine transport from saline and plasma. Takasato Y, et al. **J Neurochem** 1985 Oct;45(4):1013-20

Effects of mitochondrial protein synthesis inhibitors on the incorporation of isoleucine into Plasmodium falciparum in vitro. Blum JJ, et al. **J Protozool** 1984 Aug;31(3):475-9

PHARMACODYNAMICS

Distribution of insulin receptors between plasmalemma and intracellular compartments: effect of amino acids. Galbraith RA, et al. **J Cell Physiol** 1985 Jan;122(1):120-4

PHYSIOLOGY

Location of the isoleucine arrest point in CHO and 3T3 cells. Wynford-Thomas D, et al. **Exp Cell Res** 1985 Jun;158(2):525-32

THERAPEUTIC USE

Preliminary support for the oral administration of valine, isoleucine and leucine for phenylketonuria. Jordan MK, et al. **Dev Med Child Neurol** 1985 Feb;27(1):33-9

TOXICITY

L-Isoleucine and L-leucine are promoters of bladder cancer in rats. Kakizoe T, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:373-80

3-ISOLEUCINE,8-LEUCINE VASOPRESSIN see **OXYTOCIN**

ISOLEUCYL, LEUCYL VASOPRESSIN see **OXYTOCIN**

ISOLEUCYL T RNA SYNTHETASE see under **AMINO ACYL T RNA SYNTHETASES**

3-ISOLEUCYL VASOPRESSIN see **VASOTOCIN**

ISOMALTOSE see under **DISACCHARIDES**

ISOMERASES

Crystal structure of muconate lactonizing enzyme at 6.5 A resolution. Goldman A, et al. **J Mol Biol** 1985 Mar 20;182(2):353-5

Low resolution crystal structure of muconolactone isomerase. A decamer with a 5-fold symmetry axis. Katz BA, et al. **J Mol Biol** 1985 Jul 20;184(2):311-7

ANALYSIS

3-Hydroxyacyl-CoA epimerase is a peroxisomal enzyme and therefore not involved in mitochondrial fatty acid oxidation. Chu CH, et al. **FEBS Lett** 1985 Jun 3;185(1):129-34

Isopentenyldiphosphate delta-isomerase. Satterwhite DM. **Methods Enzymol** 1985;110:92-9

ANTAGONISTS & INHIBITORS

Irreversible inhibition of delta 5-3-oxosteroid isomerase by 2-substituted progesterones. Penning TM. **Biochem J** 1985 Mar 1;226(2):469-76

In vitro inhibition of animal and higher plants 2,3-oxidosqualene-sterol cyclases by 2-aza-2,3-dihydrosqualene and derivatives, and by other ammonium-containing molecules. Duriatti A, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2765-77

Mechanism of inactivation of 3-oxosteroid delta 5-isomerase by 17 beta-oxiranes. Bantia S, et al. **Biochemistry** 1985 May 21;24(11):2606-9

Differences in the inhibitory effects of N-(1-n-dodecyl)-heterocycles on the 2,3-oxidosqualene lanosterol-cyclase of rat liver and yeast. Mercer EI, et al. **Comp Biochem Physiol [B]** 1985;80(2):341-6

BIOSYNTHESIS

Induction of chalcone isomerase in elicitor-treated bean cells. Comparison of rates of synthesis and appearance of immunodetectable enzyme. Robbins MP, et al. **Eur J Biochem** 1984 Nov 15;145(1):195-202

DEFICIENCY

Benign methylmalonic aciduria. Ledley FD, et al. **N Engl J Med** 1984 Oct 18;311(16):1015-8

GENETICS

hisT is part of a multigene operon in Escherichia coli K-12. Marvel CC, et al. **J Bacteriol** 1985 Jan;161(1):60-71

ISOLATION & PURIFICATION

Isolation and characterization of DL-methylmalonyl-coenzyme A racemase from rat liver. Stabler SP, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):252-64

Peroxisomal beta-oxidation system of Candida tropicalis. Purification of a multifunctional protein possessing enoyl-CoA hydratase, 3-hydroxyacyl-CoA dehydrogenase and 3-hydroxyacyl-CoA epimerase activities. Moreno de la Garza M, et al. **Eur J Biochem** 1985 Apr 15;148(2):285-91

Deacetoxycephalosporin C synthetase and deacetoxycephalosporin C hydroxylase are two separate enzymes in Streptomyces clavuligerus. Jensen SE, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):263-5

Enzymology of the beta-ketoadipate pathway in Trichosporon cutaneum. Powlowski JB, et al. **J Bacteriol** 1985 Sep;163(3):1136-41

METABOLISM

An inexpensive computerized enzyme kinetics system based on a Gilford spectrophotometer and an Apple IIe microcomputer. Schriefer LA, et al. **Anal Biochem** 1984 Sep;141(2):437-45

Study and use of spontaneous cofactor regeneration in an immobilized enzyme-coenzyme system. Minard P, et al. **Ann NY Acad Sci** 1984;434:259-63

Biosynthesis of monoterpenes: demonstration of a geranyl pyrophosphate:(-)-bornyl pyrophosphate cyclase in soluble enzyme preparations from tansy (Tanacetum vulgare). Croteau R, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):535-43

The latency of rat liver microsomal protein disulphide-isomerase. Lambert N, et al. **Biochem J** 1985 Jun 15;228(3):635-45

Protein disulphide-isomerase and the formation of native disulphide bonds. Freedman RB, et al. **Biochem Soc Trans** 1984 Dec;12(6):929-32

Mechanisms of enzymatic and acid-catalyzed decarboxylations of prephenate. Hermes JD, et al. **Biochemistry** 1984 Dec 4;23(25):6263-75

Chorismate mutase/prephenate dehydrogenase from Escherichia coli K12: purification, characterization, and identification of a reactive cysteine. Hudson GS, et al. **Biochemistry** 1984 Dec 4;23(25):6240-9

Regulation of phenylalanine biosynthesis in Rhodotorula glutinis. Fiske MJ, et al. **J Bacteriol** 1984 Nov;160(2):676-81

Glutathione-independent isomerization of maleylpyruvate by Bacillus megaterium and other gram-positive bacteria. Hagedorn SR, et al. **J Bacteriol** 1985 Aug;163(2):640-7

Glutathione-independent maleylacetoacetate isomerase in gram-positive bacteria. Hagedorn SR, et al. **J Bacteriol** 1985 Aug;163(2):803-5

Formation and isomerization of disulfide bonds in proteins: protein disulfide-isomerase. Hillson DA, et al. **Methods Enzymol** 1984;107:281-94

[Kinetics of prostaglandin H2 degradation. A method of determining prostaglandin H-convertase activity] Basevich VV, et al. **Bioorg Khim** 1983 May;9(5):658-65 (Eng. Abstr.) **(Rus)**

ISOMERISM

Identification of 6-deoxyallitol and 6-deoxygulitol in human urine. Electron-impact mass spectra of eight isomers of 6-deoxyhexitol. Niwa T, et al. **J Chromatogr** 1984 Dec 12;336(2):345-50

ISOMETRIC CONTRACTION see under **MUSCLE CONTRACTION**

ISONIAZID

Synergistic effect of phosphatidylserine with gamma-aminobutyric acid in antagonizing the isoniazid-induced convulsions in mice. Toffano G, et al. **Neurochem Res** 1984 Aug;9(8):1065-73

ADMINISTRATION & DOSAGE

Should the dose of antituberculosis drugs be reduced in patients with liver disease? Pillans PI. **S Afr Med J** 1985 Apr 6;67(14):527

[The effect of a combination of INH, Rifadin and Miambutol in generalized tuberculosis] Djurišic M, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):153-8 **(Scc)**

ADVERSE EFFECTS

Isoniazid-induced pure red cell aplasia. Claiborne RA, et al. **Am Rev Respir Dis** 1985 Jun;131(6):947-9

Generalized pustular dermatosis caused by isoniazid [letter] Yamasaki R, et al. **Br J Dermatol** 1985 Apr;112(4):504-6

Pyridoxine deficiency in children treated with isoniazid. Pellock JM, et al. **Chest** 1985 May;87(5):658-61

Combined and individual effects of isoniazid and thiacetazone on human lymphocyte chromosomes in vitro and in vivo [letter] Goulding R. **Hum Toxicol** 1985 Mar;4(2):221-3

Urinary metabolic profile of isoniazid in patients who develop isoniazid-related liver damage. Timbrell JA, et al. **Hum Toxicol** 1984 Dec;3(6):485-95

Tuberculosis chemotherapy and risk of bladder cancer. Kantor AF, et al. **Int J Epidemiol** 1985 Mar;14(1):182-4

Pellagra encephalopathy among tuberculous patients: its relation to isoniazid therapy. Ishii N, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):628-34

Cheese, wine, and isoniazid [letter] Toutoungi M, et al. **Lancet** 1985 Sep 21;2(8456):671

Optic neuritis in a patient on ethambutol and isoniazid evaluated by visual evoked potentials: case report. Garrett CR. **Milit Med** 1985 Jan;150(1):43-6

Acquired cutis laxa: case report and review of disorders of elastolysis. Koch SE, et al. **Pediatr Dermatol** 1985 Jul; 2(4):282-8

Hepatotoxic reactions in children with severe tuberculosis treated with isoniazid-rifampin. Tsagaropoulou-Stinga H, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):270-3

[Course of serum alkaline phosphatase during treatment with isoniazid and rifampicin] Toppet M, et al. **Arch Fr Pediatr** 1985 Feb;42(2):79-80 (Eng. Abstr.) **(Fre)**

[Synergistic effect of rifampicin on hepatotoxicity of isoniazid] Skakun NP, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):185-9 (Eng. Abstr.) **(Rus)**

[Carbamazepine-tuberculostatics interaction (letter)] Poo Argüelles P, et al. **Med Clin (Barc)** 1984 Dec 15; 83(20):867-8 **(Spa)**

ANALOGS & DERIVATIVES

Iron chelation by pyridoxal isonicotinoyl hydrazone and analogues in hepatocytes in culture. Baker E, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3011-7

The effect of various chelating agents on the mobilization of iron from reticulocytes in the presence and absence of pyridoxal isonicotinoyl hydrazone. Ponka P, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):477-89

Metabolism of [14C]acetylisoniazid and [14C]acetylhydrazine by the rat and rabbit. Thomas BH, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):646-53

Ion-pair high-performance liquid chromatographic determination of isoniazid and acetylisoniazid in plasma and urine. Application for acetylator phenotyping. Svensson JO, et al. **J Chromatogr** 1985 May 31;341(1):193-7

Determination of isoniazid, acetylisoniazid, acetylhydrazine and diacetylhydrazine in biological fluids by high-performance liquid chromatography. von Sassen W, et al. **J Chromatogr** 1985 Feb 27;338(1):113-22

ANALYSIS

Ion-pair high-performance liquid chromatographic determination of isoniazid and acetylisoniazid in plasma and urine. Application for acetylator phenotyping. Svensson JO, et al. **J Chromatogr** 1985 May 31;341(1):193-7

Determination of isoniazid, acetylisoniazid, acetylhydrazine and diacetylhydrazine in biological fluids by high-performance liquid chromatography. von Sassen W, et al. **J Chromatogr** 1985 Feb 27;338(1):113-22

METABOLISM

Peroxidase-mediated oxidation of isoniazid. Shoeb HA, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):399-403

Isoniazid plasma and lymph kinetics after intravenous injection in dogs. Blanc M, et al. **Arzneimittelforsch** 1984; 34(10):1283-8

Condensation of isoniazid and acetaldehyde [letter] Giles HG, et al. **Clin Chem** 1984 Nov;30(11):1877-8

Distribution of acetylator phenotype in relation to age and sex in Swedish patients. A retrospective study. Paulsen O, et al. **Eur J Clin Pharmacol** 1985;28(3):311-5

Plasma hydrazine concentrations in man after isoniazid and hydralazine administration. Blair IA, et al. **Hum Toxicol** 1985 Mar;4(2):195-202

A study of the effects of rifampicin on isoniazid metabolism in human volunteer subjects. Timbrell JA, et al. **Hum Toxicol** 1985 May;4(3):279-85

Correlation of sulphadimidine acetylation test in urine and blood for isoniazid phenotyping. Nair CR, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec;22(12):646-7

Impairment of isoniazid clearance by propranolol. Santoso B. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):134-6

Kinetic studies of the interaction between isoniazid and reducing sugars. Devani MB, et al. **J Pharm Sci** 1985 Apr; 74(4):427-32

Metabolic hydrolysis of isoniazid by subcellular fractions of rat liver. Sendo T, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):249-55

Effects of rifampicin and phenobarbital on the fate of isoniazid and hydrazine in vivo in rats. Noda A, et al. **Toxicol Lett** 1985 Jun;25(3):313-7

The potential clinical significance of the isoniazid acetylator phenotype in the treatment of pulmonary tuberculosis. Ellard GA. **Tubercle** 1984 Sep;65(3):211-27 (99 ref.)

[The potential clinical significance of the isoniazid acetylator phenotype in the treatment of pulmonary tuberculosis] Ellard GA. **Rev Mal Respir** 1984;1(4):207-19 (Eng. Abstr.) **(Fre)**

[Inactivation of isoniazid in children] Paire M, et al. **Therapie** 1984 Nov-Dec;39(6):625-31 (Eng. Abstr.) **(Fre)**

[Isoniazid concentrations in the blood, resected lung tissue and the gallbladder bed in relation to the method of administration to pulmonary tuberculosis patients with stomach and liver diseases] Androsov EE, et al. **Antibiotiki** 1984 Sep;29(9):671-3 (Eng. Abstr.) **(Rus)**

[Isoniazid inactivation in 2 ethnic groups] Kasenov KU, et al. **Probl Tuberk** 1984 Nov;(11):18-20 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of rifampicin and isoniazid penetration into the pathological foci of the lungs in tuberculosis patients] Kislitsyna NA. **Probl Tuberk** 1985; (4):55-7 (Eng. Abstr.) **(Rus)**

[Clinical pharmacology of isoniazid] Sokolova GV, et al. **Probl Tuberk** 1984 Sep;(9):55-60 (Eng. Abstr.) **(Rus)**

[Pharmacokinetics of isoniazid in patients with pulmonary tuberculosis] Protsiuk RG, et al. **Sov Med** 1985;(3):94-8 **(Rus)**

PHARMACODYNAMICS

Parenteral isoniazid as experimental model of epilepsy in rats. Bo GP, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):21-6

Inhibition of serum aspartate aminotransferase induced by isoniazid administration in mice. Yamada RH, et al. **Acta Vitaminol Enzymol** 1984;6(4):289-93

Evidence for the generation of active oxygen by isoniazid treatment of extracts of Mycobacterium tuberculosis H37Ra. Shoeb HA, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):404-7

Enzymatic and nonenzymatic superoxide-generating reactions of isoniazid. Shoeb HA, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):408-12

Response of the cockroach brain gamma-aminobutyric acid system to isonicotinic acid hydrazide and mercaptopropionic acid. Pandey A, et al. **Biochem Int** 1985 Feb;10(2):213-20

Ethanol and isoniazid induce a hepatic microsomal cytochrome P-450-dependent activity with similar properties towards substrate and inhibitors and different properties from those induced by classical inducers. Gadeholt G. **Biochem Pharmacol** 1984 Oct 1;33(19):3047-51

Isonicotinic hydrazide causes seizures in scrapie-infected hamsters with shorter latency than in control animals: a possible GABAergic defect. Pocchiari M, et al. **Brain Res** 1985 Feb 4;326(1):117-23

Isoniazid-induced convulsions in rats: effects of Ro 15-1788 and beta-CCE. Pieri L, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):355-62

Combined and individual effects of isoniazid and thiacetazone on human lymphocyte chromosomes in vitro and in vivo. Jaju M, et al. **Hum Toxicol** 1984 Oct;3(5):373-82

Hydralazine and isoniazid reduce the formation of soluble immune complexes by complement. Schifferli JA. **Immunol Lett** 1985;9(5):297-9

Characterization of a major form of rat hepatic microsomal cytochrome P-450 induced by isoniazid. Ryan DE, et al. **J Biol Chem** 1985 May 25;260(10):6385-93

Hepatic vitamin D 25-hydroxylase inhibition by cimetidine and isoniazid. Bengoa JM, et al. **J Lab Clin Med** 1984 Oct; 104(4):546-52

Interaction of ketoconazole with rifampin and isoniazid [letter] Craven PC. **N Engl J Med** 1985 Apr 18;312(16):1061

Interaction of ketoconazole with rifampin and isoniazid. Engelhard D, et al. **N Engl J Med** 1984 Dec 27; 311(26):1681-3

Brain amino compounds in a Huntington's disease patient on isoniazid therapy. Perry TL, et al. **Neurology** 1985 May; 35(5):755-8

Interoceptive stimuli produced by an anxiogenic drug are mimicked by benzodiazepine antagonists in rats pretreated with isoniazid. Lal H, et al. **Neuropharmacology** 1985 Jul; 24(7):677-9

Isoniazid interactions. Baciewicz AM, et al. **South Med J** 1985 Jun;78(6):714-8 (80 ref.)

A study of the relationship between the resistance of Mycobacterium tuberculosis to isonicotinic acid hydrazide (isoniazid) and to thiophen-2-carboxylic acid hydrazide. Yates MD, et al. **Tubercle** 1984 Dec;65(4):295-9

[Effect of isonicotinic acid hydrazide on mycolic acid synthesis in Nocardia rubra] Maekura R. **Kekkaku** 1984 Jul;59(7):435-40 (Eng. Abstr.) **(Jpn)**

[Study of the biological characteristics of strains of M. tuberculosis resistant to isoniazid and rifampin] Diaconescu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):151-62 (Eng. Abstr.) **(Rum)**

POISONING

Severe fetal deformities associated with ingestion of excessive isoniazid in early pregnancy. Lenke RR, et al. **Acta Obstet Gynecol Scand** 1985;64(3):281-2

Association of beta hydroxybutyric acidosis with isoniazid intoxication. Pahl MV, et al. **J Toxicol Clin Toxicol** 1984; 22(2):167-76

Acute isoniazid intoxication: reversal of CNS symptoms with large doses of pyridoxine. Brown A, et al. **Pediatr Pharmacol (New York)** 1984;4(3):199-202

[Acute isoniazid poisoning] Köster B, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):32-4 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Supervised six-months treatment of newly diagnosed pulmonary tuberculosis using isoniazid, rifampin, and pyrazinamide with and without streptomycin. Snider DE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1091-4

Variability in the intradermal and in vitro lymphocyte responses to PPD in patients receiving isoniazid chemoprophylaxis. Tager IB, et al. **Am Rev Respir Dis** 1985 Feb;131(2):214-20

Short course chemotherapy for tuberculosis of lymph nodes: a controlled trial. British Thoracic Society Research Committee. **Br Med J [Clin Res]** 1985 Apr 13; 290(6475):1106-8

Comparison of erythromycin and isoniazid in treatment of adverse reactions to BCG vaccination. Hanley SP, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):970

Preventive treatment of tuberculosis. Bailey WC, et al. **Chest** 1985 Feb;87(2 Suppl):128S-132S

Six-month chemotherapy for urogenital tuberculosis. Skutil V, et al. **Eur Urol** 1985;11(3):170-6

Chemotherapeutic agents in pulmonary tuberculosis with special reference to isoniazid-ethambutol continuation therapy. Lees AW. **Ir J Med Sci** 1985 May;154(5 Suppl 1):38-41

A comparative study on short course chemotherapy in sputum negative pulmonary tuberculosis. Jittinandana A, et al. **J Med Assoc Thai** 1984 Aug;67(8):429-31

Isoniazid and action tremor in multiple sclerosis [letter] Morrow J, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar; 48(3):282-3

Tuberculosis chemoprophylaxis for diabetics: are the benefits of isoniazid worth the risk? Rose DN, et al. **Mt Sinai J Med (NY)** 1985 Apr;52(4):253-8

Controlled trial of isoniazid therapy for severe postural cerebellar tremor in multiple sclerosis. Hallett M, et al. **Neurology** 1985 Sep;35(9):1374-7

Elevation of gamma-aminobutyric acid in human brain may increase dopaminergic neuronal function. Perry TL, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):67-71

Preliminary observations on short-course chemotherapy in tuberculous serositis. Bakir F, et al. **Respiration** 1984; 46(1):133-8

Treatment of pulmonary tuberculosis in patients notified in England and Wales in 1978-9: chemotherapy and hospital admission. Medical Research Council Tuberculosis and Chest Diseases Unit. **Thorax** 1985 Feb;40(2):113-20

Improvement of psychomotor epilepsy due to interaction of phenytoin-isoniazid [letter] Thulasimnay M, et al. **Tubercle** 1984 Sep;65(3):229-30

Long term study of the effect of rifampicin and isoniazid on vitamin D metabolism. Williams SE, et al. **Tubercle** 1985 Mar;66(1):49-54

[Prevention of tuberculosis in 1984] Dehaut P, et al. **Union Med Can** 1984 Oct;113(10):830-5 (Eng. Abstr.) **(Fre)**

[Therapeutic trial with isonicotinic acid hydrazide in chronic stationary psoriasis] Rowe E, et al. **Dermatol Monatsschr** 1985;171(6):376-9 (Eng. Abstr.) **(Ger)**

[Preventive chemotherapy of intrapulmonary residual tuberculosis with isoniazid--example of failed compliance by the physician] Conen D, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1159-62 (Eng. Abstr.) **(Ger)**

[30 years of isoniazid (INH) treatment (editorial)] Terracina S, et al. **Harefuah** 1985 Feb 15;108(4):213-6 **(Heb)**

[Isoniazid therapy and monitoring plasma levels] Lamedica G, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):103-8 (Eng. Abstr.) **(Ita)**

[Chemotherapy research on tuberculosis in various countries] **Kekkaku** 1985 May;60(5):287-92 (0 ref.) **(Jpn)**

[Five year follow-up study on the short-course chemotherapy for pulmonary tuberculosis in Niigata Prefecture] Hashimoto T, et al. **Kekkaku** 1984 Jun; 59(6):369-76 (Eng. Abstr.) **(Jpn)**

[Actual condition and chemotherapy of extrapulmonary tuberculosis in national sanatoria. An observation in tuberculous lymphadenitis. Report of the B series of 26th controlled trials of chemotherapy] Konishiike J, et al. **Kekkaku** 1985 Apr;60(4):255-63 (Eng. Abstr.) **(Jpn)**

[Studies on short-course chemotherapy of tuberculosis. II. Liver function during 6-month chemotherapy of tuberculosis with hydrazide, rifampicin and pyrazinamide] Nikodemowicz E, et al. **Pneumonol Pol** 1984 Oct; 52(10):503-12 (Eng. Abstr.) **(Pol)**

[Difficulties in the treatment of pulmonary tuberculosis in a patient rapidly inactivating isoniazid (INH)] Bednarski Z. **Wiad Lek** 1984 Jun 15;37(12):937-40 (Eng. Abstr.) **(Pol)**

[Experimental substantiation of immunomodulating therapy with sodium nucleinate in tuberculosis] Cernuşenko EF, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):143-50 (Eng. Abstr.) **(Rum)**

[Effect of parmidin on the course of tuberculosis under isoniazid therapy] Solov'eva IP, et al. **Vrach Delo** 1984 Sep; (9):70-3 (Eng. Abstr.) **(Rus)**

[Modern views on the chemoprophylaxis of tuberculosis and a proposal for modifications and additions to legal and expert reporting documents] Cavić L. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):252-7 (Eng. Abstr.) **(Scr)**

TOXICITY

Cimetidine inhibits the formation of the reactive, toxic metabolite of isoniazid in rats but not in man. Lauterburg BH, et al. **Hepatology** 1985 Jul-Aug;5(4):607-9

Is isoniazid-hepatotoxicity induced by the metabolite, hydrazine? Noda A, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):183-90

[Comparative evaluation of the effectiveness of hepatoprotective agents in a liver lesion by combined ethanol and tuberculostatic agents] Ortenberg EA, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):102-5 (Eng. Abstr.) **(Rus)**

[Hepatotoxicity of isoniazid] Skakun NP, et al. **Probl Tuberk** 1985;(4):51-5 (Eng. Abstr.) **(Rus)**

ISONICOTINIC ACID HYDRAZIDE see **ISONIAZID**

ISONICOTINIC ACIDS

ADMINISTRATION & DOSAGE

Prothionamide and dapsone therapy in leprosy--a clinical study. Kundu SK, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):90-6

ADVERSE EFFECTS

Hepatitis and multi-drug therapy in leprosy with special reference to prothionamide. Kar HK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):78-89

Hepatotoxicity of the daily combination of 5 mg/kg prothionamide + 10 mg/kg rifampin. Cartel JL, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):15-8

Hepatotoxicity of combined therapy with rifampicin and daily prothionamide for leprosy. Ji BH, et al. **Lepr Rev** 1984 Sep;55(3):283-9

PHARMACODYNAMICS

Isonicotinic acid: properties and analytical methods. A review. Guzmán M, et al. **Boll Chim Farm** 1984 May; 123(5):200-9 (113 ref.)

THERAPEUTIC USE

Comparative study of two regimens of combined chemotherapy of one year duration in multibacillary leprosy. Results after four and five years' follow-up. Pattyn SR, et al. **Int J Lepr** 1984 Sep;52(3):297-303

ISONIPECAIN see **MEPERIDINE**

ISONIPECOTIC ACIDS

Lomotil-diphenoxylate hydrochloride [letter] Hull PJ. **Practitioner** 1985 Apr;229(1402):302

[Postoperative pulmonary function following abdominal surgery. Comparison of continuous, segmental thoracic peridural anesthesia and intramuscular piritramide injections] Seeling W, et al. **Anaesthesist** 1984 Sep; 33(9):408-16 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Diphenoxylate and pancreatitis [letter] McCormick FA, et al. **Lancet** 1985 Mar 30;1(8431):752

PHARMACODYNAMICS

[Sympathetic-adrenal system in diplodor general anesthesia in heart surgery patients] Kuznetsova BA, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):11-5 (Eng. Abstr.) **(Rus)**

STANDARDS

Use of diphenoxylate (Lomotil) in children [letter] Sehgal H. **Indian Pediatr** 1984 Jul;21(7):582-3

ISOOCTANES see **OCTANES**

ISOPENTANES see **PENTANES**

ISOPENTENYLADENOSINE see under **ADENOSINE**

ISOPHENYLEPHRINE see **METARAMINOL**

ISOPREGNENONE see **DYDROGESTERONE**

ISOPRENALINE see **ISOPROTERENOL**

ISOPRENOID PHOSPHATE SUGARS see **POLYISOPRENYL PHOSPHATE SUGARS**

ISOPRENOID PHOSPHATES see **POLYISOPRENYL PHOSPHATES**

ISOPRINOSINE see under **INOSINE**

ISOPROPANOL see **ALCOHOL, PROPYL**

ISOPROPYL ALCOHOL see **ALCOHOL, PROPYL**

ISOPROPYLARTERENOL see **ISOPROTERENOL**

N-ISOPROPYLATROPINE see under **ATROPINE DERIVATIVES**

2-ISOPROPYLMALATE SYNTHASE see under **KETOACID-LYASES**

ISOPROPYL THIOGALACTOSIDE see under **THIOGLYCOSIDES**

ISOPROTERENOL

Study of the factors influencing cardiac growth. I. Comparison of cardiomegaly induced by isoproterenol in euthyroid and thyroidectomized rats. Szabo J, et al. **Acta Biol Hung** 1984;35(1):11-7

ADMINISTRATION & DOSAGE

Aerosol formulations of terbutaline and isoproterenol in theophylline-stabilized asthmatic patients. Pinnas JL, et al. **Chest** 1984 Dec;86(6):896-900

Sublingual isoprenaline in treatment of primary pulmonary hypertension: discussion paper. Ackroyd JF. **J R Soc Med** 1985 Jun;78(6):474-7

[Isoprenaline in the topical treatment of psoriasis] Lomuto M, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb; 120(1):99-101 (Eng. Abstr.) **(Ita)**

[Combined use of isoprenaline and hydralazine in the treatment of chronic circulatory insufficiency] Krzyś T, et al. **Wiad Lek** 1985 Jan 15;38(2):97-101 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Mitosis and hypertrophy of intercalated duct cells and endothelial cells in the isoproterenol-treated rat parotid gland. Hand AR, et al. **J Dent Res** 1985 Aug;64(8):1031-8

ANALOGS & DERIVATIVES

Reversed-phase high-performance liquid chromatography and amperometric detection of 3-O-methyl isoprenaline sulphate: application to studies on the presystemic metabolism of d-isoprenaline in man. Causon RC, et al. **J Chromatogr** 1985 Feb 8;337(2):311-20

ANALYSIS

Non-radiochemical procedure for the measurement of O-methylation of the stereoisomers of isoprenaline. Barone S, et al. **J Chromatogr** 1984 Oct 12;310(2):283-95

Effects of ascorbic acid and disodium edetate on the stability of isoprenaline hydrochloride injection. Smith G, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):209-15

ANTAGONISTS & INHIBITORS

Oxyfedrine and propranolol. A comparative experimental approach to protect myocardium against isoprenaline-induced myocardial necrosis. Seth SD, et al. **Arzneimittelforsch** 1984;34(6):678-83

DIAGNOSTIC USE

Facilitation of ventricular tachyarrhythmia induction by isoproterenol. Freedman RA, et al. **Am J Cardiol** 1984 Oct 1;54(7):765-70

Adrenergic beta-receptor sensitivity in essential tremor. Teräväinen H, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1216-8

[Guidelines for the performance of pharmacologic tests in the diagnosis and evaluation of ischemic cardiopathy. II. Study Group for the Functional Evaluation and Rehabilitation of the Cardiopathy Patient] Galli M, et al. **G Ital Cardiol** 1984 Aug;14(8):627-31 **(Ita)**

[Pathophysiology of asymmetric septal hypertrophy with special reference to the response to isoproterenol administration] Iida K, et al. **J Cardiogr** 1984 Jun; 14(1):85-93 (Eng. Abstr.) **(Jpn)**

[Use of selected pharmacological tests in the diagnosis of sinoatrial node insufficiency] Szponar M, et al. **Kardiol Pol** 1985;28(1):23-32 (Eng. Abstr.) **(Pol)**

[Development of episodes of variant angina pectoris during isoproterenol tests] Akhmedzhanov NM, et al. **Kardiologiia** 1984 Aug;24(8):112-4 **(Rus)**

METABOLISM

Isoproterenol oxidation by tyrosinase: intermediates characterization and kinetic study. Jiménez M, et al. **Biochem Int** 1985 Jul;11(1):51-9

Reversed-phase high-performance liquid chromatography and amperometric detection of 3-O-methyl isoprenaline sulphate: application to studies on the presystemic metabolism of d-isoprenaline in man. Causon RC, et al. **J Chromatogr** 1985 Feb 8;337(2):311-20

Nonintracellular, cell-associated O-methylation of isoproterenol in the isolated rabbit thoracic aorta. Head RJ, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):184-9

The stereoselective O-methylation of isoprenaline in the isolated rabbit thoracic aorta. Barone S, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):9-17

Kinetics of the O-methylating system for isoprenaline in the trachea and aorta of rabbit. Bryan LJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):56-61

[Affinity of isoproterenol to the heart chronotropic beta-adrenergic receptors--comparison between normal and patients with hyperthyroidism] Minatoguchi S, et al. **Kokyu To Junkan** 1984 Nov;32(11):1139-45 **(Jpn)**

[Improvement of ventricular fibrillation by decreasing isoprenaline accumulation in the myocardium] Sono K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1119-22 **(Jpn)**

PHARMACODYNAMICS

Effect of alpha- and beta-receptor active drugs on corneal thickness. Nielsen CB, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):351-4

Isoprenaline-induced facilitation of the Eustachian tube opening. Malm L, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):391-7

Comparative studies on the positive inotropic effect of isoproterenol and bromobenzoyl-methyladamantylamine in guinea pig ventricular myocardium. Mészáros J, et al. **Acta Physiol Hung** 1984;64(1):91-100

Betamimetic effects on the electro-mechanical characteristics of the pregnant and postpartum myometrium in vitro. Török I, et al. **Acta Physiol Hung** 1985;65(3):355-60

Presynaptic adrenoceptors on the regulation of tyrosine hydroxylase activation by potassium. Masana MI. **Acta Physiol Pharmacol Latinoam** 1984;34(3):245-51

Effects of reserpine and isoproterenol on elemental distribution in submandibular gland of rat. Müller RM, et al. **Acta Physiol Scand** 1985 Apr;123(4):383-91

Potassium balance and ouabain binding sites in intact porcine hearts during isoproterenol infusion. Sejersted OM, et al. **Adv Myocardiol** 1985;6:83-95

Myocardial blood flow during cardiac tamponade in dogs with coronary occlusion: effects of isoproterenol. Cohen MV. **Am Heart J** 1985 May;109(5 Pt 1):1032-8

Concealment of manifest, and exposure of concealed, ventricular parasystole produced by isoproterenol. Castellanos A, et al. **Am J Cardiol** 1985 May 1; 55(11):1344-9

Assessment of the inotropic and vasodilator effects of amrinone versus isoproterenol. Firth BG, et al. **Am J Cardiol** 1984 Dec 1;54(10):1331-6

HLA-B18 is associated with decreased levels of isoproterenol-stimulated cAMP in lymphocytes. Erickson RP, et al. **Am J Hum Genet** 1985 Jan;37(1):124-32

Effect of isoproterenol on uterine blood flow and cardiac output distribution in pregnant guinea pigs. van de Walle AF, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1058-62

Enhanced adrenergic sensitivity of the diabetic neonatal heart. Downing SE, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H125-31

Stimulation of lipolysis in rat heart myocytes by isoproterenol. Kryski A Jr, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 2):H208-16

Adenosine inhibition of catecholamine-stimulated cardiac membrane adenylate cyclase. LaMonica DA, et al. **Am J Physiol** 1985 May;248(5 Pt 2):H737-44

Localization of cAMP in dog and cat trachea: effects of beta-adrenergic agonists. Lazarus SC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C327-34

Selective vasodilators redistribute intestinal blood flow and depress oxygen uptake. Shepherd AP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G377-84

Long-term regulation of hexose uptake by isoproterenol in cultured 3T3 adipocytes. van Putten JP, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E706-11

Effects of aminophylline, isoproterenol, and neostigmine on hypercapnic depression of diaphragmatic contractility. Howell S, et al. **Am Rev Respir Dis** 1985 Aug;132(2):241-7

Isoproterenol or aminophylline attenuate pulmonary edema after acid lung injury. Mizus I, et al. **Am Rev Respir Dis** 1985 Feb;131(2):256-9

Assessment of beta-adrenoceptor blockade during anesthesia in humans: use of isoproterenol dose-response curves. Dagnino J, et al. **Anesth Analg** 1985 Mar;64(3):305-11

Modulation of uncoupler-induced sugar uptake in isolated adult rat heart cells by isoproterenol. Haworth RA, et al. **Arch Biochem Biophys** 1985 May 15;239(1):191-9

Effect of amines on fibrinogen synthesis. Roy AK, et al. **Arch Biochem Biophys** 1985 Jun;239(2):364-7

Scanning electron microscopy of nasal arterioles effected by vasoactive agents. Nagai M, et al. **Arch Otorhinolaryngol** 1984;241(1):45-9

Changes in cardiac glycogen synthase and phosphorylase activities following stimulation of beta-adrenergic receptors in rats. Grably S, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):175-81

Effect of beta-adrenergic stimulation on free fatty acid content in subepicardial and subendocardial layers of the dog heart in situ. Separation and assay by capillary gas chromatography. Al Makdessi S, et al. **Basic Res Cardiol** 1985 Mar-Apr;80(2):182-90

The correlation between catecholamine and lipid peroxidation induced damage in heart cells. Noronha-Dutra AA, et al. **Basic Res Cardiol** 1985;80 Suppl 1:133-6

The influence of endurance training on mechanical catecholamine responsiveness, beta-adrenoceptor density and myosin isoenzyme pattern of rat ventricular myocardium. Takeda N, et al. **Basic Res Cardiol** 1985 Jan-Feb;80(1):88-99

Angiotensin II and phorbol ester enhance isoproterenol- and vasoactive intestinal peptide (VIP)-induced cyclic AMP accumulation in vascular smooth muscle cells. Nabika T, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):30-6

Agonist-induced internalization of the beta adrenergic receptor in a smooth muscle cell line. Sher E, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):863-70

Phosphorylation and functional modifications of sarcoplasmic reticulum and myofibrils in isolated rabbit hearts stimulated with isoprenaline. Kranias EG, et al. **Biochem J** 1985 Feb 15;226(1):113-21

Rate-limiting steps in isoproterenol and forskolin stimulated lipolysis. Allen DO. **Biochem Pharmacol** 1985 Mar 15; 34(6):843-6

Dual effect of isoprenaline on glucose transport and response to insulin in isolated adipocytes. Joost HG, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):649-53

Effects of neonatal treatment with 6-aminonicotinamide on basal and isoproterenol-stimulated ornithine decarboxylase activity in cerebellum of the development rat. Morris G, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3281-4

Desensitization of beta-adrenergic receptor-coupled adenylate cyclase activity. Differences following exposure of cells to two full agonists. Pittman RN, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3579-84

Beta-adrenergic coupled phospholipid methylation. A possible role in withdrawal from chronic ethanol. Zawad JS, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3799-805

Catecholamine-stimulated guanosine 5'-O-(3-thiotriphosphate) binding to the stimulatory GTP-binding protein of adenylate cyclase: kinetic analysis in reconstituted phospholipid vesicles. Asano T, et al. **Biochemistry** 1984 Nov 6;23(23):5467-71

Reconstitution of catecholamine-stimulated binding of guanosine 5'-O-(3-thiotriphosphate) to the stimulatory GTP-binding protein of adenylate cyclase. Asano T, et al. **Biochemistry** 1984 Nov 6;23(23):5460-7

Cytochalasin D suppresses beta-adrenergic induced protein discharge without inhibiting membrane fusion. Busson-Mabillot S, et al. **Biol Cell** 1985;53(2):195-8

Myocardial lipid peroxidation during isoproterenol-induced blood flow reduction in rat myocardium. Blasig IE, et al. **Biomed Biochim Acta** 1984;43(8-9):S171-4

Isoproterenol induces a ribosomal modification in the heart and the skeletal muscle of hamsters. Noël J, et al. **Biosci Rep** 1985 Jan;5(1):13-9

Indirect blood pressure measurement during intravenous isoprenaline infusions [letter] Arnold JM, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):114-6

Effects of the beta 2-adrenoceptor antagonist ICI 118,551 on exercise tachycardia and isoprenaline-induced beta-adrenoceptor responses in man. Arnold JM, et al. **Br J Clin Pharmacol** 1985 May;19(5):619-30

Enhancement of physiological finger tremor by intravenous isoprenaline infusions in man: evaluation of its role in the assessment of beta-adrenoceptor antagonists. Arnold JM, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):145-52

Vagal activity is increased during intravenous isoprenaline infusion in man. Arnold JM, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):311-6

Ethnic differences in human lymphocytic cyclic AMP production after isoprenaline stimulation and propranolol blockade. Venter CP, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):187-90

Effects of isoprenaline on the contraction-relaxation cycle in the cat trachea. Ito Y, et al. **Br J Pharmacol** 1984 Nov;83(3):677-86

Nitroglycerine- and isoprenaline-induced vasodilatation: assessment from the actions of cyclic nucleotides. Itoh T, et al. **Br J Pharmacol** 1985 Feb;84(2):393-406

Some effects of sympathetic stimulation and isoprenaline on fatigued tetanic contractions of skeletal muscle in the cat. Jami L, et al. **Brain Res** 1984 Nov 12;321(2):386-9

Effects of isoproterenol and forskolin on tension, cyclic AMP levels, and cyclic AMP dependent protein kinase activity in bovine coronary artery. Vegesna RV, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1116-23

Effect of isoproterenol on the kinetic properties of (Ca2+, Mg2+)-adenosine triphosphatase (ATPase) from rat cardiac sarcoplasmic reticulum. Leone FA, et al. **Cell Mol Biol** 1985;31(3):235-40

Effects of noradrenaline and isoproterenol on cardiopulmonary function in a canine model of acute pulmonary hypertension. Molloy DW, et al. **Chest** 1985 Sep;88(3):432-5

Rapid recovery of cardiac beta-adrenergic receptors after isoproterenol-induced 'down'-regulation. Limas CJ, et al. **Circ Res** 1984 Oct;55(4):524-31

Mechanisms of supersensitivity to sympathomimetic amines in the chronically denervated heart of the conscious dog. Vatner DE, et al. **Circ Res** 1985 Jul;57(1):55-64

Effects of altered site of electrical activation on myocardial performance during inotropic stimulation. Heyndrickx GR, et al. **Circulation** 1985 May;71(5):1010-6

Myocardial perfusion after aortocoronary bypass surgery: measurements at rest and after administration of isoproterenol. Schmidt DH, et al. **Circulation** 1985 Apr;71(4):767-78

Mechanism of isoprenaline induced desensitization of rabbit aortic smooth muscle beta-adrenoceptor responses. Little PJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):503-11

Pharmacologic manipulation of the microcirculation in cutaneous and myocutaneous flaps in pigs. Pang CY, et al. **Clin Plast Surg** 1985 Apr;12(2):173-84

Inhibition by isoproterenol of the passive potassium efflux from pigeon erythrocytes. Leskovac V, et al. **Comp Biochem Physiol [C]** 1984;78(2):475-8

D- and L-isoprenaline have different effects on adrenoceptors in the systemic vasculature of the cod, Gadus morhua. Nilsson S, et al. **Comp Biochem Physiol [C]** 1985;80(1):105-7

Adrenergic stimulation of adrenocortical secretion in immature fowl. Rees A, et al. **Comp Biochem Physiol [C]** 1985;81(2):387-9

Multiple effects of isoproterenol on horse plasma cholinesterase. Söylemez Z, et al **Comp Biochem Physiol [C]** 1985;81(2):433-7

Distribution of isoproterenol action sites between the microvessels and glomeruli isolated from rabbit kidney cortex. Helwig JJ, et al. **Contrib Nephrol** 1984;41:27-30

Haemodynamic effects of noradrenaline and isoprenaline in chronic renal failure. Warren DJ, et al. **Contrib Nephrol** 1984;41:420-4

Use of isoproterenol in infants [letter] Zaritsky AL, et al. **Crit Care Med** 1985 Sep;13(9):775

Effects of alpha- and beta-adrenergic agonists on the mitotic activity of thyroid follicular cells in vivo and in vitro. Lewiński A, et al. **Endokrynol Pol** 1984;35(6):355-60

The ECG changes due to altitude and to catecholamines. Saurenmann P, et al. **Eur J Applied Physiol** 1984;53(1):35-42

Effect of neuraminidase treatment on the inotropic response to ouabain, isoproterenol and calcium in the guinea pig heart. Fawzi AB, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):295-311

The effect of isoprenaline on the ciliary activity of an in vitro preparation of rat trachea. Lopez-Vidriero MT, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):429-32

Effects of forskolin and isoproterenol on cyclic AMP and tension in the myometrium. Marshall JM, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):25-34

Beta 2-adrenoceptor agonists reverse the leukotriene C4-induced release response of macrophages. Schenkelaars EJ, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):65-70

Differential relaxant effects of isoproterenol on methacholine- versus leukotriene D4-induced contraction in the guinea-pig trachea. Torphy TJ. **Eur J Pharmacol** 1984 Jul 20;102(3-4):549-53

Comparison of the effects of forskolin and isoprenaline on tracheal, cardiac and skeletal muscles from guinea-pig. Waldeck B, et al. **Eur J Pharmacol** 1985 Jun 19;112(3):349-53

Effect of age and myocardial infarction on serum and heart lactic dehydrogenase. Asha S, et al. **Exp Gerontol** 1985;20(1):67-70

Adrenergic activity as a modulating factor in the genesis of myocardial hypertrophy in the rat. Genovese A, et al. **Exp Mol Pathol** 1984 Dec;41(3):390-6

Isoprenaline-like effects of the phosphodiesterase inhibitor 3-isobutyl-1-methylxanthine on mechanical, biochemical and electrophysiological parameters in the mammalian heart. Brückner R, et al. **Experientia** 1985 Jun 15;41(6):732-4

A comparison of the effects of the optical isomers of isoproterenol on energy metabolism in a mouse sarcoma. Jones GR, et al. **Experientia** 1985 Aug 15;41(8):1045-6

Catecholamine control of enzymes involved in isocitrate oxidation of rat liver mitochondria. Kulinsky VI, et al. **FEBS Lett** 1984 Nov 5;177(1):143-5

Isoproterenol induces activity fronts in fed dogs through somatostatin release. Summers RW, et al. **Gastroenterology** 1984 Nov;87(5):999-1003

Adrenergic regulation of insulin secretion from the chicken pancreas in vitro. Meglasson MD, et al. **Gen Comp Endocrinol** 1984 Oct;56(1).82-9

Isoproterenol-sensitive adenylate cyclase in glomeruli isolated from young and adult rat renal cortex. Judes C, et al. **Gen Pharmacol** 1985;16(3):205-10

The beta-agonist drug tulobuterol decreases cardiac automaticity in the rat: comparison with isoproterenol. Laorden ML, et al. **Gen Pharmacol** 1985;16(1):65-7

Central mechanisms of the isoprenaline-induced hypotension in anesthetized and conscious rats. Peres-Polon VL, et al. **Gen Pharmacol** 1984;15(6):505-9

Effect of isoproterenol on protein phosphorylation in myocardial ischaemia. Krause EG, et al. **Gen Physiol Biophys** 1984 Jun;3(3):193-9

Spontaneous and provoked resistance to isoproterenol in isolated human bronchi. Guillot C, et al. **J Allergy Clin Immunol** 1984 Nov;74(5):713-8

Enhanced incidence of isoproterenol-induced ventricular fibrillation in the magnesium-deficient rat. Guideri G, et al. **J Am Coll Nutr** 1985;4(2):139-55

Mechanisms of respiratory response to isoproterenol in glomectomized cats. Eldridge FL, et al. **J Appl Physiol** 1985 Jan;58(1):83-8

Isoproterenol infusion promotes nitrogen washout in rats under normobaric conditions. Mack GW, et al. **J Appl Physiol** 1984 Nov;57(5):1306-11

Differential inhibitory effect of isoproterenol on contractions of canine airways. Russell JA. **J Appl Physiol** 1984 Sep;57(3):801-7

Effect of isoprenaline inhalation on pulmonary function in smokers. Sood S, et al. **J Assoc Physicians India** 1984 Aug;32(8):719-21

The measurement of the relative efficacy of agonists by selective potentiation of tissue responses: studies with isoprenaline and prenalterol in cardiac tissue. Kenakin TP, et al. **J Auton Pharmacol** 1984 Sep;4(3):153-9

The positive inotropic action of isoprenaline is associated with the release of noradrenaline from rabbit, guinea-pig and rat atria. Sarantos-Laska C, et al. **J Auton Pharmacol** 1984 Sep;4(3):175-83

Phosphorylation of rat C6 glioma cell DNA-dependent RNA polymerase II in vivo. Identification of phosphorylated subunits and modulation of phosphorylation by isoproterenol and N6,O2'-dibutyryl cyclic AMP. Lee SK, et al. **J Biol Chem** 1984 Dec 10;259(23):14695-701

Rapid agonist-induced decrease of 125I-pindolol binding to beta-adrenergic receptors. Relationship to desensitization of cyclic AMP accumulation in intact heart cells. Linden J, et al. **J Biol Chem** 1984 Dec 25;259(24):15115-22

Induction of proline-rich glycoprotein synthesis in mouse salivary glands by isoproterenol and by tannins. Mehansho H, et al. **J Biol Chem** 1985 Apr 10;260(7):4418-23

Isoproterenol-induced phosphorylation of a 15-kilodalton sarcolemmal protein in intact myocardium. Presti CF, et al. **J Biol Chem** 1985 Mar 25;260(6):3860-7

Relationship between an altered membrane form and a low affinity form of the beta-adrenergic receptor occurring during catecholamine-induced desensitization. Evidence for receptor internalization. Toews ML, et al. **J Biol Chem** 1984 Oct 10;259(19):11844-50

Influence of altered thyroid state on the inotropic potency of isoproterenol--studies with isolated rat left atria paced at different frequencies. Handberg GM. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):943-8

The differentiation of avian skeletal muscle in culture: changes in responsiveness of adenylyl cyclase to prostaglandin E1 and adrenergic agonists. Curtis DH, et al. **J Cell Physiol** 1985 May;123(2):219-27

Normal free fatty acid response to isoproterenol in pseudohypoparathyroidism. Carlson HE, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):382-4

Evidence for beta adrenoceptors in proximal tubules. Isoproterenol-sensitive adenylate cyclase in pars recta of canine nephron. Murayama N, et al. **J Clin Invest** 1985 Aug;76(2):474-81

Forskolin, but not alcohol, counteracts desensitization of cyclic AMP accumulation to beta-adrenergic stimulation in rat parotid. Harper JF. **J Cyclic Nucleotide Protein Phosphor Res** 1983-84;9(6):401-14

Forskolin modulates cyclic AMP generation in the rat myometrium. Interactions with isoproterenol and prostaglandins E2 and I2. Mokhtari A, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(3):213-27 (30 ref.)

Contribution of extracellular and intracellular calcium to the enhanced effect of an alpha-adrenergic agonist on amylase release from dispersed rat parotid cells. Takemura H, et al. **J Dent Res** 1985 Jun;64(6):881-5

Interaction of prostaglandin E2 and beta-adrenergic catecholamines in the regulation of uterine smooth muscle motility and adenylate cyclase in the rat. Krall JF, et al. **J Endocrinol** 1984 Sep;102(3):329-36

Isoproterenol inhibits residual fast channel via stimulation of beta-adrenoceptors in guinea-pig ventricular muscle. Hisatome I, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):657-65

Cellular lithium uptake as a probe of sodium channels in the rat heart: modulation of lithium uptake by tetrodotoxin, verapamil, anthopleurin-A, isoproterenol and external stimulation. Hunter DR, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1083-90

beta-Adrenoceptor agonist accelerates recovery from inactivation of calcium-dependent action potentials. Tsuji Y, et al. **J Mol Cell Cardiol** 1985 May;17(5):517-21

Heart rate variability and electrocardiogram changes in the fetal lamb during hypoxia and beta-adrenoceptor stimulation. Lilja H, et al. **J Perinat Med** 1984;12(3):115-25

Physiological approach of beta receptor coupling to adenylate cyclase in rat airways: ontogenical modification and functional antagonism. Frossard N, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):168-75

In vivo cardiovascular responses to isoproterenol, dopamine and tyramine after prolonged infusion of isoproterenol. Hayes JS, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):633-9

Effects of isoproterenol on histamine release induced from monodispersed guinea-pig lung cells by different secretagogues. Undem BJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):617-22

Transcapillary transport of solutes in the myocardium: effects of nitroglycerin, isoproterenol and histamine on permeability-surface area products of inulin and sucrose. Weselcouch EO, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):19-24

A transient sodium-hydrogen exchange system induced by catecholamines in erythrocytes of rainbow trout, Salmo gairdneri. Baroin A, et al. **J Physiol (Lond)** 1984 Nov;356:21-31

A transplantable rat Leydig cell tumor--2. Adenylyl cyclase activation by prostaglandin E1, isoproterenol and glucagon. Erichsen A, et al. **J Steroid Biochem** 1984 Nov;21(5):545-8

Isoproterenol induced fatty change in rat myocardium: freeze fracture study of the sarcolemma at sites of lipid droplet-membrane appositions. Bruneval P, et al. **J Submicrosc Cytol** 1985 Jul;17(3):335-43

Myocardial oxygen consumption with isoproterenol versus calcium chloride in hypocalcemic ventricular failure in dogs. Bodenhamer RM, et al. **J Surg Res** 1985 Aug;39(2):114-27

A possible mechanism in interaction of a partial agonist with beta-adrenoceptor in guinea-pig taenia caecum: effects of Gpp(NH)p on its two different binding sites. Koike K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):169-76

Effect of isoproterenol on vascular adrenergic neurotransmission in prehypertensive and hypertensive spontaneously hypertensive rats. Kubo T, et al. **Jpn J Pharmacol** 1984 Nov;36(3):419-21

Potentiation of amylase release from isolated rat parotid cells--studies on the combination of isoproterenol and a low dose of carbachol. Takemura H. **Jpn J Pharmacol** 1984 Sep;36(1):107-9

Transient increase in the slow inward current following acetylcholine removal in catecholamine-treated guinea-pig Purkinje fibers. Ehara T, et al. **Jpn J Physiol** 1984; 34(4):775-9

Beta-actions of catecholamines on the K-related currents of the bullfrog atrial muscle. Umeno T. **Jpn J Physiol** 1984; 34(3):513-28

A fundamental temperature-dependent difference between beta-adrenoceptor agonists and antagonists. Chess-Williams RG, et al. **Life Sci** 1984 Sep 3; 35(10):1091-9

Effect of endurance training and chronic isoproterenol treatment on skeletal muscle sensitivity to norepinephrine. Côté C, et al. **Life Sci** 1985 Aug 26;37(8):695-701

Facilitation of isoproterenol induced airway smooth muscle relaxation by nifedipine. Elguindi AS, et al. **Life Sci** 1985 Jan 7;36(1):75-81

Differential effects of isoproterenol injections on the levels of pineal N-acetyltransferase, serum N-acetylserotonin and melatonin. Ho AK, et al. **Life Sci** 1985 Jun 3;36(22):2137-43

Thyroid hormone regulation of adrenergic receptors and beta-adrenergic responsiveness in the rat submandibular gland. Medina JH, et al. **Life Sci** 1984 Aug 20;35(8):819-25

Renin release from kidney cortical slices in response to isoproterenol and glucagon is decreased in vitamin E-deficient rats. Miyawaki N, et al. **Life Sci** 1985 Sep 9; 37(10):923-30

Prostacyclin-independence in beta-adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519-26

Characterization of the relationship between gamma-aminobutyric acid B agonists and transmitter-coupled cyclic nucleotide-generating systems in rat brain. Karbon EW, et al. **Mol Pharmacol** 1985 Jan; 27(1):53-9

Receptors for beta-adrenergic agonists in cultured chick ventricular cells. Relationship between agonist binding and physiologic effect. Marsh JD, et al. **Mol Pharmacol** 1985 Jan;27(1):10-8

A new approach to determine rates of receptor appearance and disappearance in vivo. Application to agonist-mediated down-regulation of rat renal cortical beta 1- and beta 2-adrenergic receptors. Snavely MD, et al. **Mol Pharmacol** 1985 Jan;27(1):19-26

Use of a density shift method to assess beta-adrenergic receptor synthesis during recovery from catecholamine-induced down-regulation in human astrocytoma cells. Waldo GL, et al. **Mol Pharmacol** 1984 Nov;26(3):424-9

Desensitization of catecholamine-stimulated adenylate cyclase and down-regulation of beta-adrenergic receptors in rat glioma C6 cells. Role of cyclic AMP and protein synthesis. Zaremba TG, et al. **Mol Pharmacol** 1984 Sep; 26(2):206-13

Behavioral evidence for beta-adrenoceptor subsensitivity after subacute antidepressant/alpha 2-adrenoceptor antagonist treatment. Goldstein JM, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):355-8

Effects of isoprenaline and glucagon on insulin secretion from pancreatic islets. Zielmann S, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):299-304

The use of isoprenaline in experimental hyperthermia. Volenec K, et al. **Neoplasma** 1984;31(5):591-5

Alpha 2 and beta-adrenoceptor agonists modulate [3H]dopamine release from rat nucleus accumbens slices: implications for research into depression. Nurse B, et al. **Neurochem Res** 1984 Sep;9(9):1231-8

Modulation by leu-enkephalin of peptide release from perifused neurointermediate pituitary. I. Selective effect on potassium-, veratridine- and isoproterenol-stimulated secretion of vasopressin. Al Zein M, et al. **Neuroendocrinology** 1984 Nov;39(5):392-6

Cardiac beta-adrenoceptor desensitization after sinoaortic baroreceptors denervation or isoproterenol-pretreatment. Cabral AM, et al. **Pharmacol Res Commun** 1984 Oct; 16(10):1031-40

Phentolamine and rat aortic smooth muscle responsiveness to potassium chloride, isoproterenol and norepinephrine. Soltis EE, et al. **Pharmacology** 1985;31(2):67-71

Functional alteration of the beta-adrenergic receptor during desensitization of mammalian adenylate cyclase by beta-agonists. Kassis S, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6686-90

beta-Adrenergic induced K+ current in Xenopus oocytes: role of cAMP, inhibition by muscarinic agents. Van Renterghem C, et al. **Proc R Soc Lond [Biol]** 1985 Jan 22;223(1232):389-402

Minute to minute neuroendocrine control of a major nonlysosomal pathway of myocardial protein degradation by beta-receptor occupancy. Lockwood TD. **Prog Clin Biol Res** 1985;180:619-22

Influence of cyclooxygenase blockade on responses to isoproterenol, bradykinin and nitroglycerin in the feline pulmonary vascular bed. Lippton HL, et al. **Prostaglandins** 1984 Aug;28(2):253-70

The beta-receptor: isoproterenol anxiety states. Rainey M Jr, et al. **Psychopathology** 1984;17 Suppl 3:40-51

Isoproterenol-induced anxiety states. Pohl R, et al. **Psychopharmacol Bull** 1985;21(3):424-7

Modulation of symmetrical 1,2-dimethylhydrazine (DMH)-induced colon carcinogenesis by isoproterenol (IPR). Chang WW. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):153-6

Effect of calcium, sodium and isoproterenol on renin secretion from disaggregated rat renal cortical cells. O'Dea RF Jr, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):187-205

Catecholamine-responsive adenylate cyclase activity in human endomyocardial biopsies. Individual sensitivity to isoproterenol stimulation and propranolol inhibition. Golf S, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):61-6

Effects of isoproterenol on adenine nucleotide catabolism in cat hearts with acute regional ischaemia. Stangeland L, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):45-54

Inhibitory effects of dopamine and isoprenaline on antral motor activity stimulated by acetylcholine or physostigmine in vitro. Ulvestad A, et al. **Scand J Gastroenterol** 1985 Mar;20(2):243-6

Some effects produced by isoprenaline upon neuromuscular transmission in mice. Tsai MC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):277-85

The effect of isoproterenol on cardiovascular function in the stage 24 chick embryo. Clark EB, et al. **Teratology** 1985 Feb;31(1):41-7

The participation of the subepithelial airway receptor in the bronchoconstriction of monkeys. Mue S, et al. **Tohoku J Exp Med** 1985 Apr;145(4):465-75

Effects of theophylline and isoproterenol on the activity on the isolated guinea pig ureter. Bloch R, et al. **Urol Int** 1984; 39(5):308-11

Isoprenaline-induced cell proliferation in mouse salivary glands: the effect of castration. Hully JR, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):95-105

Cytochemical localization of adenyl cyclase in isoproterenol stimulated hepatoma ascites cells. Moller PC, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):47-53

[Isoproterenol aerosol inhalation for evaluating the reversibility of airway constriction in normal subjects and patients with chronic airway obstruction] Huang ZB, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):129-32, 188 (Eng. Abstr.) **(Chi)**

[Cyclic-nucleotides and adrenergic antiglaucoma drugs] Lu DY. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):11-4 **(Chi)**

[Contraction of rabbit pulmonary artery by isoproterenol] Zhang PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):241-4 (Eng. Abstr.) **(Chi)**

[Contraction of the rabbit pulmonary artery by isoproterenol] Zhang PW, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec; 5(4):241-4 (Eng. Abstr.) **(Chi)**

[Stimulation of alpha adrenergic receptors by isoproterenol] Zhang PW. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr; 15(2):175-7 **(Chi)**

[Desensitization of the guinea pig airway to isoproterenol and the influence of drugs] Wei EQ, et al. **Yao Hsueh Hsueh Pao** 1984 Mar;19(3):161-6 (Eng. Abstr.) **(Chi)**

[The effect of intraperitoneal administration of isoprenaline on ATPase activity in the brain of rats of different ages] Mourek J. **Sb Lek** 1985 Jan;87(1):1-5 (Eng. Abstr.) **(Cze)**

[The effect of isoprenaline on the levels of cyclic adenosine monophosphate (cAMP) in the lymphocytes of persons in euthyroid, hyperthyroid and hypothyroid states] Nedvidkova J, et al. **Vnitr Lek** 1985 May;31(5):482-7 (Eng. Abstr.) **(Cze)**

[Changes in the conditions of milk extraction as affected by a beta mimetic (isoprenaline) administered by intrajugular route during mechanical milking of cows] Bernabe J, et al. **Reprod Nutr Dev** 1985;25(1A):61-74 (Eng. Abstr.) **(Fre)**

[Dissociation of the action of isoprenaline on muscle tension and adenosine-3',5'-monophosphate synthesis in isolated coronary arteries under the effect of diisopropylfluorophosphate] Fermum R, et al. **Biomed Biochim Acta** 1984;43(11):1269-83 (Eng. Abstr.) **(Ger)**

[Anaphylaxis inhibits beta-adrenergic relaxation of guinea-pig tracheal smooth muscle] Yukawa T, et al. **Arerugi** 1985 Feb;34(2):79-87 (Eng. Abstr.) **(Jpn)**

[Effects of isoproterenol, triiodothyronine and thiouracil on rat myocardial beta receptors] Ogawa K, et al. **Kokyu To Junkan** 1984 Nov;32(11):1135-7 **(Jpn)**

[Studies of the retinal circulation using fluorescein dilution curve. 2. Effects of beta-adrenergic stimulator and blocker on the pigmented rabbit's eye] Matsuo T, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1259-65 (Eng Abstr.) **(Jpn)**

[Effects of autonomic blockades, beta-adrenergic agent and cholinergic agent on the FHR variability of 'Shiba goats'] Okai T. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1822-30 (Eng. Abstr.) **(Jpn)**

[Desensitization of adenylate cyclase of pigeon erythrocytes under the effects of isoproterenol and cAMP] Popov KM, et al. **Biokhimiia** 1984 Sep;49(9):1561-6 (Eng. Abstr.) **(Rus)**

[Functional changes of components of the adenylate cyclase complex during heterologous desensitization by isoproterenol] Popov KM, et al. **Biokhimiia** 1984 Oct; 49(10):1719-26 (Eng. Abstr.) **(Rus)**

[Desensitization of beta-adrenoreceptors and its influence on manifestations of the antiradiation effect of isoproterenol] Chirkov IuIu, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):558-60 (Eng. Abstr.) **(Rus)**

[Effect of T-lymphocytes on the cellular proliferation of the salivary glands in rats and mice exposed to isoproterenol] Dontsov VI. **Biull Eksp Biol Med** 1985 Jul;100(7):65-8 (Eng. Abstr.) **(Rus)**

[Reaction of coronary circulation in healthy humans to stimulation of the heart with isoproterenol and physical load] Chestukhin VV, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):179-84 **(Rus)**

[Selective effect of isoproterenol on radiosensitivity of cells associated with differences in beta-adrenoreceptor expression] Chirkov IuIu, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):55-8 (Eng. Abstr.) **(Rus)**

[Effect of bulbar microinjections of noradrenaline, isoproterenol and phentolamine on the spino-bulbo-spinal reflex in the cat] Gokin AP, et al. **Neirofiziologiia** 1984; 16(4):550-3 (Eng. Abstr.) **(Rus)**

[Development of cardiac adenylate cyclase hypersensitivity to isoproterenol in the chronic action of propranolol on rats] Tkachuk VA, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):49-52 (Eng. Abstr.) **(Rus)**

[Isoproterenol stimulation of the repair of single-stranded DNA breaks in Chinese hamster cells induced by gamma irradiation] Vikhanskaia FL, et al. **Tsitologiia** 1985 Feb; 27(2):233-6 (Eng. Abstr.) **(Rus)**

[Effect of isoproterenol on collagen synthesis in cultured skin fibroblasts in patients with systemic scleroderma] Khokhova IuV, et al. **Vopr Med Khim** 1984;30(6):92-4 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Treatment of shock in a canine model of pulmonary embolism. Molloy WD, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):870-4

The effects of phentolamine and isoproterenol in experimental hemorrhagic shock in the dog. Liu ZM, et al. **Circ Shock** 1984;14(1):1-11

A comparison of dopamine, dobutamine and isoproterenol in the treatment of shock. Worthley LI, et al. **Intensive Care Med** 1985;11(1):13-9

[Compared hemodynamic effects of 4 inotropic agents used in a model of pulmonary edema due to oleic acid] Fragata J, et al. **Acta Med Port** 1985 Mar-Apr;6(3-4):109-14 (Eng. Abstr.) **(Por)**

TOXICITY

Alterations in isoproterenol-induced cardiac metabolic changes by a quaternary analog of propranolol, UM-272. Seth SD, et al. **Acta Cardiol (Brux)** 1985;40(2):237-46

Cardiotoxicity of high doses of isoproterenol on cardiac haemodynamics and metabolism in SHR and WKY rats. Tisné-Versailles J, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):142-54

Comparison of the Arrhythmogenic Actions of (-)-Isoprenaline, Dobutamine and the selective beta 1-adrenoceptor agonist, (+/-)-(1-[3',4'-dihydroxyphenoxy] -2-hydroxy-[3',4'-dimethoxy phenethylamino]-propane)-oxalate (Ro 363). Maccarrone C, et al. **Arzneimittelforsch** 1985;35(3):592-8

Regression of isoproterenol-induced cardiac hypertrophy. Tang Q, et al. **Can J Physiol Pharmacol** 1984 Sep; 62(9):1141-6

Electrical and mechanical activity of isoproterenol-damaged frog heart. Volkmann R. **Comp Biochem Physiol [C]** 1985; 81(1):189-94

Influence of temperature and cyanide on electrical and mechanical activities of isoproterenol-damaged frog heart. Volkmann R, et al. **Comp Biochem Physiol [C]** 1985; 81(1):195-202

Alterations in isoproterenol-induced cardiac metabolic changes by perhexiline. Seth SD, et al. **Indian J Med Res** 1985 Feb;81:224-9

Influence of the diabetic state on isoproterenol-induced cardiac necrosis. el-Hage AN, et al. **J Mol Cell Cardiol** 1985 Apr;17(4):361-9

Experimental catecholamine-induced myocardial necrosis. II. Temporal development of isoproterenol-induced contraction band lesions correlated with ECG, hemodynamic and biochemical changes. Todd GL, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):647-56

Pulmonary function of the reserpine and isoproterenol models of cystic fibrosis. Boyd RL, et al. **Pediatr Res** 1984 Oct;18(10):1028-31

Acute insulin treatment normalizes the resistance to the cardiotoxic effect of isoproterenol in streptozotocin diabetic rats. A morphometric study of isoproterenol induced myocardial fibrosis. Gøtzsche O. **Virchows Arch [A]** 1985;405(2):193-201

[Toxic effects of isoprenaline on embryonic heart muscle--the effect of beta-blockers and calcium antagonists] Ošt'adal B, et al. **Vnitr Lek** 1985 Mar; 31(3):216-22 (Eng. Abstr.) **(Cze)**

[Biochemical aspects of enkephalin participation in the regulation of adrenergic effects on myocardium] Pavlenko VS, et al. **Vopr Med Khim** 1984;30(6):64-7 (Eng. Abstr.)

(Rus)

ISOQUINOLINES

Clinical comparison of atracurium and alcuronium in gynaecological surgery. Woolner DF, et al. **Anaesth Intensive Care** 1985 Feb;13(1):33-7

Comparison of atracurium and alcuronium in day-case gynaecological surgery. Collins KM, et al. **Anaesthesia** 1984 Nov;39(11):1130-4

Dantrolene sodium and dystrophia myotonica [letter] Dawson AD, et al. **Anaesthesia** 1985 Jun;40(6):596-7

Atracurium besylate in paediatric anaesthesia. Lavery GG, et al. **Anaesthesia** 1984 Dec;39(12):1243-6

Comparison of intubating conditions with atracurium, vecuronium and pancuronium. Schiller DJ, et al. **Anaesthesia** 1984 Dec;39(12):1188-91

Atracurium for intubation in man. A clinical and electromyographic study. Stirt JA, et al. **Anaesthesia** 1984 Dec;39(12):1214-21

Atracurium in a child with myotonic dystrophy. Stirt JA, et al. **Anesth Analg** 1985 Mar;64(3):369-70

Use of atracurium and vecuronium in patients with oesophageal varices. Bell CF, et al. **Br J Anaesth** 1985 Feb;57(2):160-8

pH and atracurium [letter] Bolton DT. **Br J Anaesth** 1985 May;57(5):545

New skeletal muscle relaxants in dogs and cats. Jones RS. **J Am Vet Med Assoc** 1985 Aug 1;187(3):281-2

N-(2-Aminoethyl)-5-isoquinolinesulfonamide, a newly synthesized protein kinase inhibitor, functions as a ligand in affinity chromatography. Purification of Ca2+-activated, phospholipid-dependent and other protein kinases. Inagaki M, et al. **J Biol Chem** 1985 Mar 10;260(5):2922-5

'Homing' of Lucifer Yellow liposomes into hypothalamic neurons: a combined neuroanatomical Golgi and tracing technique. Thunnissen IE, et al. **J Neurosci Methods** 1984 Dec;12(2):113-23

Voltage-dependent dye coupling at a rectifying electrotonic synapse of the crayfish. Giaume C, et al. **J Physiol (Lond)** 1984 Nov;356:151-67

[Atracurium besylate (Tracrium)--a new nondepolarizing muscle relaxant] Agoston S, et al. **Anaesthesist** 1984 Nov;33(11):539-42 **(Ger)**

[Comparative study of atracurium and alcuronium for the intubation of older patients in halothane anesthesia] Plötz J, et al. **Anaesthesist** 1984 Nov;33(11):548-51 (Eng. Abstr.) **(Ger)**

[Comparative clinical studies on vecuronium, atracurium and pancuronium in older patients] Schaer H, et al. **Anaesthesist** 1984 Nov;33(11):543-7 (Eng. Abstr.) **(Ger)**

[Ch-141, a new drug with peripheral vasodilator action studied in solution. I. Analytic study of the compound with reference to the selectivity of the methods for stability tests] Kovács P, et al. **Acta Pharm Hung** 1985 Jan;55(1):1-7 (Eng. Abstr.) **(Hun)**

[New type of peripheral vasodilator, the compound CH-141 studied in solution. II. Mechanism of thermal decomposition and identification of decomposition products] Kovács P, et al. **Acta Pharm Hung** 1985 Mar;55(2):85-91 (Eng. Abstr.) **(Hun)**

[A new type of peripheral vasodilator, the compound CH-141 in solution. III. Decomposition kinetics of CH-141] Kovács P, et al. **Acta Pharm Hung** 1985 May;55(3):107-13 (Eng. Abstr.) **(Hun)**

[Antineoplastic drugs used as fluorochromes] Stockert JC, et al. **Rev Esp Oncol** 1982;29(3):439-44 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

Atracurium in anesthesia for diagnostic procedures. Rowlands DE. **Acta Anaesthesiol Belg** 1984;35 Suppl:429-33

Atracurium infusion requirements in children during halothane, isoflurane, and narcotic anesthesia. Brandom BW, et al. **Anesth Analg** 1985 May;64(5):471-6

Atracurium in a patient with pheochromocytoma. Stirt JA, et al. **Anesth Analg** 1985 May;64(5):547-50

Potency of atracurium: a comparison of single dose and cumulative dose techniques. Gibson FM, et al. **Anesthesiology** 1985 May;62(5):657-9

Use of atracurium in a patient susceptible to malignant hyperthermia [letter] Michel PA, et al. **Anesthesiology** 1985 Feb;62(2):213

Schistosomiasis and praziquantel [letter] Farid Z, et al. **Ann Intern Med** 1984 Dec;101(6):881-2

Simple atracurium infusions [letter] Rowlands DE. **Br J Anaesth** 1985 May;57(5):542

Treatment of taeniasis and hymenolepiasis nana with a single oral dose of praziquantel. Study of therapeutic efficacy, tolerance and safety. Baranski MC, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):129-33

[Therapeutic efficacy of praziquantel and morphological changes in Hymenolepis nana eggs after its administration in 2 dosage schedules] de Castro M de L, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):40-5 (Eng. Abstr.) **(Por)**

ADVERSE EFFECTS

Atracurium and anaphylaxis [letter] Heery PJ. **Anaesth Intensive Care** 1984 Nov;12(4):376

A severe anaphylactic reaction to atracurium. Mercer JD. **Anaesth Intensive Care** 1984 Aug;12(3):262-3

Atracurium and bradycardia [letter] Hardy PA. **Anaesthesia** 1985 May;40(5):504-5

Local reactions and histamine release by atracurium [letter] Hughes R. **Anaesthesia** 1985 Jun;40(6):593-5

Drug interaction? [letter] Rowlands DE. **Anaesthesia** 1984 Dec;39(12):1252

Severe bronchospasm following the use of atracurium in children [letter] Woods I, et al. **Anaesthesia** 1985 Feb;40(2):207-8

Atracurium: hypotension, tachycardia and bronchospasm. Siler JN, et al. **Anesthesiology** 1985 May;62(5):645-6

Skin testing in the investigation of reactions to intravenous anaesthetic drugs. A prospective trial of atracurium and tubocurarine. Wood M, et al. **Ann Fr Anesth Reanim** 1985;4(2):176-9

Allergic reaction after atracurium [letter] Aldrete JA. **Br J Anaesth** 1985 Sep;57(9):929-30

Probable histamine liberation with atracurium. A case report. Lavery GG, et al. **Br J Anaesth** 1985 Aug;57(8):811-3

Cutaneous reactions to atracurium [letter] Madden AP, et al. **Br J Anaesth** 1985 May;57(5):541

Fatal immune haemolysis associated with nomifensine. Sokol RJ, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):311-2

Hepatitis induced by nomifensine. Vaz FG, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1268

Nomifensine-induced dyskinesia. Koritar E. **Can Med Assoc J** 1985 Aug 1;133(3):207

Alveolitis associated with nomifensine [letter] Hamm H, et al. **Lancet** 1985 Jun 8;1(8441):1328-9

Nomifensine-induced allergic reactions [letter] Miescher PA. **Lancet** 1985 Sep 7;2(8454):551-2

Fatal necrotising vascuiitis associated with nomifensine [letter] Schönhöfer PS, et al. **Lancet** 1985 Jul 27;2(8448):221

Nomifensine exacerbates depression and seizures in an epileptic patient [letter] Gillman MA, et al. **Neurology** 1984 Dec;34(12):1620-1

Nomifensine exacerbates narcolepsy [letter] Sandyk R, et al. **Neurology** 1985 Jan;35(1):138-9

Nomifensine exacerbates orofacial dyskinesia in hypothyroidism [letter] Sandyk R, et al. **Neurology** 1985 Feb;35(2):282

Side effects of praziquantel in the treatment of Schistosoma mansoni in Maniema, Zaire. Polderman AM, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):752-4

[Allergic manifestation after pyquiton treatment of schistosomiasis] Liu T. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):192, 203 **(Chi)**

[Severe side effects of pyquiton in the treatment of 9 cases of schistosomiasis] Zhen YL. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):143 **(Chi)**

[Hyperthermia caused by nomifensine. The problem of diagnosing drug-induced fever] Castot A, et al. **Therapie** 1985 May-Jun;40(3):191-4 (Eng. Abstr.) **(Fre)**

[Fever induced by nomifensine (Alival) (letter)] Dupon M, et al. **Therapie** 1984 Nov-Dec;39(6):717-8 **(Fre)**

ANALYSIS

Gas chromatographic/mass spectrometric methodology for simultaneous assay of salsolinol, dopamine, norepinephrine, dihydroxyphenylacetic acid and dihydroxyphenylethanol. Duncan MW, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):106-14

Comparison of high-performance liquid chromatography with electrochemical detection and gas chromatography-mass fragmentography for the assay of salsolinol, dopamine and dopamine metabolites in food and beverage samples. Duncan MW, et al. **J Chromatogr** 1984 Dec 7;336(1):199-209

Gas chromatographic analysis of endogenous catecholamines, phenolic amines and derived isoquinolines using short glass capillary columns and electron-capture detection. Origitano TC, et al. **J Chromatogr** 1984 Nov 9;311(1):17-29

Beta-phenylethylamines and the isoquinoline alkaloids. Bentley KW. **Nat Prod Rep** 1984 Aug;1(4):355-70 (473 ref.)

A new bisbenzylisoquinoline alkaloid from a Peruvian curare. Lemli J, et al. **Planta Med** 1985 Feb;(1):68-9

ANTAGONISTS & INHIBITORS

A comparison of edrophonium and neostigmine for the antagonism of atracurium-induced neuromuscular block. Lavery GG, et al. **Anesth Analg** 1985 Sep;64(9):867-70

BLOOD

Determination of atracurium in plasma by high-performance liquid chromatography. Stiller RL, et al. **Anesth Analg** 1985 Jan;64(1):58-62

The pharmacokinetics and pharmacodynamics of atracurium in patients with and without renal failure. Fahey MR, et al. **Anesthesiology** 1984 Dec;61(6):699-702

Gas-liquid chromatographic analysis with electron-capture detection of diclofensine in human plasma following derivatization. Hojabri H, et al. **J Chromatogr** 1984 Nov 9;311(1):189-93

Selective and sensitive high-performance liquid chromatographic assay for the metabolites of nomifensine in human plasma. Lindberg RL. **J Chromatogr** 1985 Jun 14;341(2):333-9

Determination of diclofensine, an antidepressant agent, and its major metabolites in human plasma by high-performance liquid chromatography with fluorometric detection. Strojny N, et al. **J Chromatogr** 1985 Jun 14;341(2):313-31

High-performance liquid chromatography of a new beta-blocker, 4-[3-(tert.-butylamino)-2-hydroxypropoxy]-N-methyliso hydrochloride, in plasma using fluorometric detection. Yonezawa K, et al. **J Chromatogr** 1985 Apr 12;339(1):219-22

Pharmacokinetic studies on praziquantel and oxamniquine in intestinal schistosomiasis. Massoud A, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):599-608

CHEMICAL SYNTHESIS

Isoquinolinesulfonamides, novel and potent inhibitors of cyclic nucleotide dependent protein kinase and protein kinase C. Hidaka H, et al. **Biochemistry** 1984 Oct 9;23(21):5036-41

Synthesis and murine antineoplastic activity of bis[(carbamoyloxy)methyl] derivatives of pyrrolo[2,1-a]isoquinoline. Anderson WK, et al. **J Med Chem** 1984 Oct;27(10):1321-5

Trequinsin, a potent new antihypertensive vasodilator in the series of 2-(arylimino)-3-alkyl-9,10-dimethoxy-3,4,6,7-tetrahydro-rim ido [6,1-a]isoquinolin-4-ones. Lal B, et al. **J Med Chem** 1984 Nov;27(11):1470-80

Preparation of 7,8-dimethoxy-3,4-dihydroisoquinoline, facile route to 7,8-dioxygenated-3,4-dihydroisoquinolines. el-Fishawy AM, et al. **J Pharm Sci** 1984 Nov;73(11):1639-40

DIAGNOSTIC USE

Light and temperature modulated staining of the rod outer segment distal tips with Lucifer yellow. Matsumoto B, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):628-35

More on nomifensine [letter] Liuzzi A, et al. **J Endocrinol Invest** 1985 Apr;8(2):183-4

Nomifensine in hyperprolactinemic states [letter] Müller EE, et al. **J Endocrinol Invest** 1984 Aug;7(4):421

IMMUNOLOGY

Ex vivo antigen preparation for the serological detection of drug-dependent antibodies in immune haemolytic anaemias. Salama A, et al. **Br J Haematol** 1984 Nov;58(3):525-31

METABOLISM

Binding of beta-carbolines and tetrahydroisoquinolines by opiate receptors of the delta-type. Airaksinen MM, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):380-5

Oxidation phenotyping in alcoholics with liver disease of varying severity. Lanthier PL, et al. **Alcoholism (NY)** 1984 Sep-Oct;8(5):435-41

Atracurium-receptor kinetics: simple behavior from a mixture. Amaki Y, et al. **Anesth Analg** 1985 Aug;64(8):777-80

Enzymatic hydrolysis of atracurium in vivo. Nigrovic V, et al. **Anesthesiology** 1985 May;62(5):606-9

Characterization of solubilized 'peripheral type' benzodiazepine binding sites from rat adrenals by using [3H]PK 11195, an isoquinoline carboxamide derivative. Benavides J, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):167-70

Binding characteristics of the dopamine uptake inhibitor [3H]nomifensine to striatal membranes. Dubocovich ML, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1137-44

Lack of relationship between debrisoquine 4-hydroxylation and other cytochrome P-450 dependent reactions in rat and human liver. Wolff T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2593-8

Discovery of altered pharmacokinetics of CGP 15 210 G in poor hydroxylators of debrisoquine during early drug development. Gleiter CH, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):81-4

Plasma concentrations of nortriptyline and its 10-hydroxy metabolite in depressed patients--relationship to the debrisoquine hydroxylation metabolic ratio. Nordin C, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):832-5

Fluorescent markers of hypoxic cells: a comparison of two compounds on three cell lines. Begg AC, et al. **Br J Radiol** 1985 Jul;58(691):645-54

Autoradiographic localization of peripheral benzodiazepine binding sites in the cat brain with [3H]PK 11195. Bénavidès J, et al. **Brain Res Bull** 1984 Jul;13(1):69-77

Atracurium and severe hepatic disease: a case report. Gyasi HK, et al. **Can Anaesth Soc J** 1985 Mar;32(2):161-4

A human cytochrome P-450 characterized by inhibition studies as the sparteine-debrisoquine monooxygenase. Inaba T, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):860-2

Relationship between oxidative metabolism of 2-acetylaminofluorene, debrisoquine, bufuralol, and aldrin in human liver microsomes. McManus ME, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5692-7

Relationship of N-demethylation of amiflamine and its metabolite to debrisoquine hydroxylation polymorphism.

Alván G, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):515–9

Metabolism of methoxyphenamine in extensive and poor metabolizers of debrisoquin. Roy SD, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):128–33

Phenotypic consistency in hydroxylation of desmethylimipramine and debrisoquine in healthy subjects and in human liver microsomes. Spina E, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):677–82

Dissociation of co-regulatory control of debrisoquin/phenformin and sparteine oxidation in Ghanaians. Woolhouse NM, et al. **Clin Pharmacol Ther** 1985 May;37(5):512–21

First-pass metabolism of nomifensine in dogs. Lindberg R, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan–Mar; 10(1):21–5

Impaired oxidation of debrisoquine in patients with perhexiline liver injury. Morgan MY, et al. **Gut** 1984 Oct; 25(10):1057–64

Interethnic dissociation between debrisoquine and desipramine hydroxylation. Rudorfer MV, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):89–92

Benzodiazepine receptor binding and anticonflict activity in a series of 3,6-disubstituted pyridazino[4,3-c]isoquinolines devoid of anticonvulsant properties. Toja E, et al. **J Med Chem** 1985 Sep;28(9):1314–9

Junctional transfer in cultured vascular endothelium: II. Dye and nucleotide transfer. Larson DM, et al. **J Membr Biol** 1985;83(1–2):157–67

Methoxyphenamine and dextromethorphan as safe probes for debrisoquine hydroxylation polymorphism [letter] Roy SD, et al. **Lancet** 1984 Dec 15;2(8416):1393

Histidine modification with diethylpyrocarbonate induces a decrease in the binding of an antagonist, PK 11195, but not of an agonist, RO5–4864, of the peripheral benzodiazepine receptors. Bénavidès J, et al. **Life Sci** 1984 Sep 17;35(12):1249–56

Salsolinol and dopamine in rat medial basal hypothalamus after chronic ethanol exposure. Myers WD, et al. **Life Sci** 1985 Jan 28;36(4):309–14

Quantitative autoradiography of 3H-nomifensine binding sites in rat brain. Scatton B, et al. **Life Sci** 1985 Mar 4; 36(9):815–22

[3H]Ro 22–1319 (piquindone) binds to the D2 dopaminergic receptor subtype in a sodium-dependent manner. Nakajima T, et al. **Mol Pharmacol** 1984 Nov;26(3):430–8

The role of metabolite-specific antibodies in nomifensine-dependent immune hemolytic anemia. Salama A, et al. **N Engl J Med** 1985 Aug 22;313(8):469–74

Correlation between disintegration, dissolution and in vivo absorption rate in the case of compounds with benzyl-isoquinoline structures and its pharmacokinetic aspects. Marton S, et al. **Pol J Pharmacol Pharm** 1984 Jul–Aug;36(4):385–95

Characterization of a human liver cytochrome P-450 involved in the oxidation of debrisoquine and other drugs by using antibodies raised to the analogous rat enzyme. Distlerath LM, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7348–52

Pharmocogenetic implications of polymorphic debrisoquine hydroxylations [editorial] Rawlins MD. **Q J Med** 1985 Feb; 54(214):115–6

Lack of congruence of S-carboxymethyl-L-cysteine sulphoxidation and debrisoquine 4-hydroxylation in a Caucasian population. Haley CS, et al. **Xenobiotica** 1985 May;15(5):445–50

[Study of the absorption of a new peripheral vasodilator (CH-141) by in vitro and in vivo methods. I. In vitro model of liquid transport] Szemere L, et al. **Acta Pharm Hung** 1985 Mar;55(2):59–67 (Eng. Abstr.) **(Hun)**

PHARMACODYNAMICS

The effects of d-tubocurarine, pancuronium and atracurium on the responses of gastrocnemius and soleus muscles in the cat. Choi WW, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):608–11

Vecuronium and atracurium in the elderly: a clinical comparison with pancuronium. Lowry KG, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):405–8

Praziquantel. Groll E. **Adv Pharmacol Chemother** 1984; 20:219–38 (81 ref.)

Chronic ethanol induces changes in opiate receptor function and in met-enkephalin release. Lucchi L, et al. **Alcohol** 1985 Mar–Apr;2(2):193–5

Atracurium in the myasthenic patient. Bell CF, et al. **Anaesthesia** 1984 Oct;39(10):961–8

Atracurium in clinical anaesthesia: effect of dosage on onset, duration and conditions for tracheal intubation. Mirakhur RK, et al. **Anaesthesia** 1985 Aug;40(8):801–5

The effect of atracurium or fazadinium on intra-ocular pressure. A comparative study during induction of general anaesthesia. Tattersall MP, et al. **Anaesthesia** 1985 Aug; 40(8):805–7

Atracurium pretreatment for succinylcholine-induced fasciculations and postoperative myalgia. Manchikanti L, et al. **Anesth Analg** 1985 Oct;64(10):1010–4

Neuromuscular effects of atracurium in infants and children. Goudsouzian N, et al. **Anesthesiology** 1985 Jan;62(1):75–9

The relationship of evoked electromyographic and mechanical responses following atracurium in humans. Kopman AF. **Anesthesiology** 1985 Aug;63(2):208–11

Clinical pharmacology of vecuronium and atracurium. Miller RD, et al. **Anesthesiology** 1984 Oct;61(4):444–53 (97 ref.)

Neuromuscular effects of atracurium during halothane-nitrous oxide and enflurane-nitrous oxide anesthesia in humans. Rupp SM, et al. **Anesthesiology** 1985 Jul;63(1):16–9

The response of myasthenia gravis to atracurium. Vacanti CA, et al. **Anesthesiology** 1985 May;62(5):692–4

Histaminoid responses to atracurium, vecuronium and tubocurarine. Lavery GG, et al. **Ann Fr Anesth Reanim** 1985;4(2):180–3

Computer assisted structure-activity correlations. Evaluation of benzo(de)isoqinoline-1,3-diones and related compounds as antitumor agents. Paull KD, et al. **Arzneimittelforsch** 1984;34(10):1243–6

1-(5-Isoquinolinesulfonyl)-2-methylpiperazine (H-7) is a selective inhibitor of protein kinase C in rabbit platelets. Kawamoto S, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):258–64

Benz(f)isoquinolines as excitatory amino acid antagonists: an indication of their mechanism of action? Berry SC, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3829–32

Effects of debrisoquin on the excretion of catecholamine and octopamine metabolites in the rat and guinea pig. Edwards DJ, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2911–6

Synergistic actions of prostacyclin and an isoquinoline derivative (CH-102) on ADP-induced aggregation of dog platelets in vitro. Pataricza J, et al. **Biomed Biochim Acta** 1984;43(12):1365–9

Factors affecting train-of-four fade. Pearce AC, et al. **Br J Anaesth** 1985 Jun;57(6):602–6

Atracurium: clinical strategies for preventing histamine release and attenuating the haemodynamic response. Scott RP, et al. **Br J Anaesth** 1985 Jun;57(6):550–3

Isoquinoline is a possible anti-psoriatic agent in coal tar. Foreman MI, et al. **Br J Dermatol** 1985 Mar;112(3):323–8

In vivo interaction of prostacyclin with an inhibitor of cyclic nucleotide phosphodiesterase, HL 725. Darius H, et al. **Br J Pharmacol** 1985 Mar;84(3):735–41

Pro- and anti-convulsant properties of PK 11195, a ligand for benzodiazepine binding sites: development of tolerance. File SE. **Br J Pharmacol** 1984 Oct;83(2):471–6

Effect of nomifensine on the toxicity of 6-hydroxydopamine for mesotelencephalic dopamine neurons. Lees GJ, et al. **Brain Res** 1984 Aug 6;308(1):155–8

Place preference conditioning with methylphenidate and nomifensine. Martin-Iverson MT, et al. **Brain Res** 1985 Apr 15;332(1):59–67

Effects of clonidine on neuronal firing evoked by a noxious stimulus. O'Neill TP, et al. **Brain Res** 1985 Feb 18; 327(1–2):97–103

Atracurium in neonatal anaesthesia [letter] Hall ID, et al. **Can Anaesth Soc J** 1985 Jul;32(4):453–4

Comparison of fixed-ratio and progressive-ratio schedules of maintenance of stimulant drug-reinforced responding. Winger G, et al. **Drug Alcohol Depend** 1985 May; 15(1–2):123–30

Atracurium and vecuronium: two unique neuromuscular blocking agents. Conner CS. **Drug Intell Clin Pharm** 1984 Sep;18(9):714–6

Neuromuscular block: atracurium and vecuronium compared and combined. Black TE, et al. **Eur J Anaesthesiol** 1985 Mar;2(1):29–37

Effect of praziquantel on human lymphocyte proliferation in vitro. Odum N, et al. **Eur J Clin Pharmacol** 1984; 27(3):311–3

Acute cardiovascular effects of two central phenylethanolamine-N-methyl-transferase inhibitors in unanesthetized desoxycorticosterone-salt hypertensive rats. Biollaz B, et al. **Eur J Pharmacol** 1984 Jul 20;102(3–4):515–9

PK 11195, an antagonist of peripheral benzodiazepine receptors, reduces ventricular arrhythmias during myocardial ischemia and reperfusion in the dog. Mestre M, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):257–60

Identification of the enantiomers of SK&F 83566 as specific and stereoselective antagonists at the striatal D-1 dopamine receptor: comparisons with the D-2 enantioselectivity of Ro 22-1319. O'Boyle KM, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):219–20

In vivo supersensitivity of the anterior pituitary of old female rats to dopaminergic inhibition of prolactin secretion. Cocchi D, et al. **Gerontology** 1984;30(6):345–9

Structure-activity relationships of saframycins. Kishi K, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):847–52

Serotonin secretion from human platelets may be modified by Ca2+-activated, phospholipid-dependent myosin phosphorylation. Inagaki M, et al. **J Biol Chem** 1984 Dec 10;259(23):14321–3

Herpes simplex type 1 ribonucleotide reductase. Mechanism studies with inhibitors. Spector T, et al. **J Biol Chem** 1985 Jul 25;260(15):8694–7

Beer-induced prolactin secretion: a clinical and laboratory study of the role of salsolinol. Carlson HE, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):673–7

Failure of nomifensine to reduce serum prolactin levels in patients with hepatic encephalopathy. Masala A, et al. **J Endocrinol Invest** 1985 Feb;8(1):25–9

Effects of praziquantel on different developmental stages of Schistosoma mansoni in vitro and in vivo. Xiao SH, et al. **J Infect Dis** 1985 Jun;151(6):1130–7

The effects of trimetoquinol on the intact rabbit heart and myocardial adenylate cyclase activity: evidence for spare myocardial beta receptors. Babich M, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):565–74

Chronic effects of a beta-adrenoceptor blocking drug, 4-[3-(tert-butylamino)-2-hydroxypropoxy]-N-methylisoc hydrochloride (N-696), in hypertensive rats. Kubota N, et al. **J Pharmacobiodyn** 1985 Feb;8(2):134–41

Intracellular Ca++ antagonist, HA1004: pharmacological properties different from those of nicardipine. Asano T, et al. **J Pharmacol Exp Ther** 1985 May;233(2):454–8

Vasodilatory action of HA1004 [N-(2-guanidinoethyl)-5-isoquinolinesulfonamide], a novel calcium antagonist with no effect on cardiac function. Asano T, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):141–5

Effect of trimetoquinol analogs for antagonism of endoperoxide/thromboxane A2-mediated responses in human platelets and rat aorta. Mukhopadhyay A, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):1–9

Mechanism of action of praziquantel on the eggs of Schistosoma japonicum. Matsuda H, et al. **Jpn J Exp Med** 1983 Dec;53(6):271–4

Inhibitory effect of tritoqualine (TRQ) on histamine release from mast cells. Umezu K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):153–60

Effects of debrisoquin on CSF and plasma HVA concentrations in man. Maas JW, et al. **Life Sci** 1985 Jun 3;36(22):2163–70

Opposite effects of two ligands for peripheral type benzodiazepine binding sites, PK 11195 and RO5-4864, in a conflict situation in the rat. Mizoule J, et al. **Life Sci** 1985 Mar 18;36(11):1059–68

The effect of praziquantel, an antihelminthicum, on the peptidergic nervous system of the tapeworm Diphyllobothrium dendriticum. Gustafsson MK, et al. **Med Biol** 1985;63(1):28–33

Enhancement of stereotypy induced by nomifensine in rats during continuous chronic haloperidol treatment. Rupniak NM, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):63–5

Activity of praziquantel against Hymenolepis nana, at different development stages, in experimentally infected mice. Campos R, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov–Dec;26(6):334–40

[Scanning electron microscopy of Fasciolopsis buski expelled from patients treated with pyquiton] Feng LX. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):153 **(Chi)**

[Ultrastructural study on the tegument, epithelial cells and muscles of Clonorchis sinensis treated with pyquiton] Li BZ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):200 **(Chi)**

[Studies on the mechanism of the antischistosomal action of praziquantel] Xiao SH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):196–8 **(Chi)**

[Effect of calcium, magnesium and temperature on praziquantel-induced tegument damage of the male Schistosoma japonicum] Xiao SH, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):59–63 (Eng. Abstr.) **(Chi)**

[Effects of dauricine on electrical and mechanical activities in the isolated guinea pig myocardium] Zong XG, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):30–3 (Eng. Abstr.) **(Chi)**

[Effects of antischistosomal drugs on the respiration and glycolysis of Schistosoma japonicum] Huang ZY, et al. **Yao Hsueh Hsueh Pao** 1984 Sep;19(9):651–5 (Eng. Abstr.) **(Chi)**

[Effect of immune serum on the male Schistosoma japonicum subjected to pyquiton] Xiao SH, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):10–6 (Eng. Abstr.) **(Chi)**

[Effect of tritoqualine on the histamine levels of whole blood] Borgo J, et al. **Ann Fr Anesth Reanim** 1985;4(2):205–9 (Eng. Abstr.) **(Fre)**

[Comparative study of atracurium and vecuronium given in continuous injection] Neidhardt A, et al. **Cah Anesthesiol** 1984 Dec;32(8):645–8 **(Fre)**

[Differences in the mechanisms of the stimulant and antidepressive effects of nomifensine] Chermat R, et al. **J Pharmacol** 1985 Jan–Mar;16(1):7–13 (Eng. Abstr.) **(Fre)**

[The effect of the beta adrenomimetic trimethoquinol and its rigid tetrahydroberberine conformer on histamine liberation induced by compound 48/80 in mast cells] Belcheva A, et al. **Biomed Biochim Acta** 1984;43(6):803–11 (Eng. Abstr.) **(Ger)**

[A comparative study of atracurium, vecuronium and pancuronium using the rat phrenic nerve diaphragm preparation] Fukushima K, et al. **Masui** 1985 Jan; 34(1):66–70 (Eng. Abstr.) **(Jpn)**

[The effects of atracurium on neuromuscular transmission in rats] Otagiri T. **Masui** 1984 Oct;33(10):1122–9 (Eng. Abstr.) **(Jpn)**

[Effect of tritoqualine on liver regeneration after partial hepatectomy in rats] Yuasa S, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):387–95 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Clinical investigations into antidepressive mechanisms. II. Dexamethasone suppression test predicts response to nomifensine or amitriptyline. Beckmann H, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):342–53

Reversal of hepatic fibrosis after praziquantel therapy of murine schistosomiasis. Morcos SH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):314-21

Seroepidemiology of schistosomiasis japonica by ELISA in the Philippines. III. Selective mass chemotherapy with praziquantel in a control program. Yogore MG Jr, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):882-90

Efficacy of a combined paste formulation of praziquantel/febantel against immature Echinococcus granulosus and immature Echinococcus multilocularis. Andersen FL, et al. **Am J Vet Res** 1985 Jan;46(1):253-5

Adverse effects of suxamethonium. Failure of prevention by atracurium or fazadinium. Budd A, et al. **Anaesthesia** 1985 Jul;40(7):642-6

Atracurium in myasthenics undergoing thymectomy. Baraka A, et al. **Anesth Analg** 1984 Dec;63(12):1127-30

Clonorchiasis and praziquantel [editorial] Hsu CC, et al. **Arch Intern Med** 1985 Jun;145(6):1002-3

International Symposium on Human Trematode Infections in Southeast and East Asia. Kyongju, Republic of Korea, October 19-21, 1983. Proceedings. **Arzneimittelforsch** 1984; 34(9B):1115-240

Therapeutic results in opisthorchiasis with praziquantel in a reinfection-free environment in France. Ambroise-Thomas P, et al. **Arzneimittelforsch** 1984; 34(9B):1177-9

Opisthorchis viverrini: clinical experience with praziquantel in Hospital for Tropical Diseases. Bunnag D, et al. **Arzneimittelforsch** 1984;34(9B):1173-4

Paragonimiasis: treatment with praziquantel in 40 human cases and in 1 cat. Cao WJ, et al. **Arzneimittelforsch** 1984; 34(9B):1203-4

Clonorchis sinensis: epidemiology in Taiwan and clinical experience with praziquantel. Chen CY, et al. **Arzneimittelforsch** 1984;34(9B):1160-2

Roentgenographically controlled healing of gallbladder lesions in opisthorchiasis after praziquantel treatment. Dhiensiri T, et al. **Arzneimittelforsch** 1984;34(9B):1175-7

Efficacy of praziquantel on fasciolopsiasis. Harinasuta T, et al. **Arzneimittelforsch** 1984;34(9B):1214-5

Effect of 8-(3-diethylaminopropyl)-6,6-dimethyl-(2-phenyl-1 H-imidazo(4,5 h))isoquinoline-7,9-(6H)-dione dihydrochloride (AR-LH31) on experimental cardiac arrhythmias in dogs. Kerr MJ, et al. **Arzneimittelforsch** 1985;35(1A):197-200

Clonorchiasis: treatment with praziquantel in 50 cases. Kuang QH, et al. **Arzneimittelforsch** 1984;34(9B):1162-3

Large scale treatment of Clonorchis sinensis infections with praziquantel under field conditions. Lee SH. **Arzneimittelforsch** 1984;34(9B):1227-30

Paragonimiasis: experimental and clinical experience with praziquantel in Korea. Rim HJ. **Arzneimittelforsch** 1984; 34(9B):1197-203

Phase III clinical trials with praziquantel in S. japonicum infections in the Philippines. Santos AT, et al. **Arzneimittelforsch** 1984;34(9B):1221-3

Clonorchis sinensis: experimental and clinical studies with praziquantel in Korea. Soh CT. **Arzneimittelforsch** 1984; 34(9B):1156-9

A pilot project for controlling O. viverrini infection in Nong Wai, Northeast Thailand, by applying praziquantel and other measures. Sornmani S, et al. **Arzneimittelforsch** 1984; 34(9B):1231-4

The profile of the trematodicidal compound praziquantel. Wegner DH. **Arzneimittelforsch** 1984;34(9B):1132-6

Cysticercosis: a new hope [editorial] Bell DR. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):857-8

Medical management of neurocysticercosis with Praziquantel. Lawner PM. **Bull Clin Neurosci** 1983; 48:102-5

Cerebral cysticercosis. Treatment with praziquantil [editorial] **Cent Afr J Med** 1984 Sep;30(9):181

Atracurium--a novel muscle relaxant. **Drug Ther Bull** 1985 Jul 1;23(13):51-2

Treatment of Clonorchis sinensis in Hawaii's Laotian population--experience with praziquantel. O'Leary MJ, et al. **Hawaii Med J** 1985 Feb;44(2):63-4

Nomifensine for 'emotional incontinence' of the pseudobulbar type [letter] Sandyk R. **J Am Geriatr Soc** 1985 May; 33(5):375

Paragonimiasis in a dog: treatment with praziquantel. Kirkpatrick CE, et al. **J Am Vet Med Assoc** 1985 Jul 1; 187(1):75-6

Anthelmintic efficacy of febantel combined with praziquantel in dogs. Sharp ML, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):254-5

Praziquantel. Conlon CP, et al. **J Antimicrob Chemother** 1985 Jan;15(1):1-2

Advances in the treatment of cysticercosis: praziquantel. Rana PV. **J Assoc Physicians India** 1985 Apr;33(4):285-6

Pilot study of the effects of the angiotensin-converting enzyme inhibitor CI-906 on patients with essential hypertension. Gavras I, et al. **J Clin Pharmacol** 1984 Aug-Sep;24(8-9):343-50

Increased blastogenic responses to worm antigen and loss of adherent suppressor cell activity after treatment for human infection with Schistosoma mansoni. Ellner JJ, et al. **J Infect Dis** 1985 Feb;151(2):320-4

Praziquantel for the treatment of Clonorchis/Opisthorchis infections: report of a double-blind, placebo-controlled trial. Jong EC, et al. **J Infect Dis** 1985 Sep;152(3):637-40

Treatment with praziquantel of schoolchildren with concurrent Schistosoma mansoni and S. haematobium infections in Gezira, Sudan. Kardaman MW, et al. **J Trop Med Hyg** 1985 Apr;88(2):105-9

Assessment of efficacy of praziquantel against Schistosoma mansoni infection. Massoud AA, et al. **J Trop Med Hyg** 1984 Jun;87(3):119-21

Randomized comparative trials of single doses of the newer antischistosomal drugs at Mwanza, Tanzania. I. Praziquantel and oxamniquine for the treatment of schistosomiasis mansoni. Rugemalila JB, et al. **J Trop Med Hyg** 1984 Dec;87(6):231-5

Nomifensine (Merital), a new non-tricyclic antidepressant. **Med Lett Drugs Ther** 1985 Aug 30;27(695):73-4

Cysticercosis and praziquantel therapy [letter] Biller J, et al. **Neurology** 1984 Dec;34(12):1621-2

Praziquantel in the treatment of neurocysticercosis: long-term follow-up. Sotelo J, et al. **Neurology** 1985 May; 35(5):752-5

Effect of bilateral olfactory bulbectomy in the rat, alone or in combination with antidepressants, on the learned immobility model of depression. Górka Z, et al. **Neuropsychobiology** 1985;13(1-2):26-30

Zimeldine versus nomifensine. A double-blind study of depressed inpatients. Knudsen P, et al. **Neuropsychobiology** 1984;11(4):236-42

Comparison of the antidepressant action of tryptophan, tryptóphan/5-hydroxytryptophan combination and nomifensine. Quadbeck H, et al. **Neuropsychobiology** 1984; 11(2):111-5

Absorption of cysticerci in cattle after treatment of taenia saginata cysticercosis with praziquantel. Harrison LJ, et al. **Res Vet Sci** 1984 Nov;37(3):378-80

Paragonimiasis: diagnosis and the use of praziquantel in treatment. Johnson RJ, et al. **Rev Infect Dis** 1985 Mar-Apr; 7(2):200-6

Treatment of dermal cysticercosis with praziquantel. A new cestocidal agent. Baranski MC. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):259-66

Neurocysticercosis--a comprehensive approach to medical treatment. Joubert J, et al. **S Afr Med J** 1985 Jul 6;68(1): 11-4

Studies on paragonimiasis: treatment with mebendazole, emetine with mebendazole and praziquantel. Benjapong W, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):354-9

Clinical study on hepatosplenomegalic schistosomiasis japonica on Leyte Island: follow-up study 4 years after treatment with praziquantel. Hayashi M, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):498-501

Experiences with praziquantel against Schistosoma japonicum infection in the Philippines. Noseñas JS, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):489-97

Subcutaneous and cerebral cysticercosis treated with praziquantel. Quimosing EM, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):201-5

Epidemiology and transmission dynamics; evaluation of control measures by means of annual incidence of infection with Schistosoma japonicum among school children at Dagami, Leyte, Philippines. Tanaka H, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):480-1

The immunological aspects of praziquantel in unsensitized mice with experimentally induced schistosome pulmonary granuloma. Botros SS, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):569-72

Treatment of Schistosoma mekongi with praziquantel in Cambodian refugees in holding centres in Prachinburi Province, Thailand. Keittivuti B, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):477-9

Serum antibody levels in human paragonimiasis before and after therapy with praziquantel. Knobloch J, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):835-6

Successful treatment of neurocysticercosis with low-dose praziquantel. Pun KK, et al. **Trop Geogr Med** 1984 Sep; 36(3):303-4

Human fascioliasis in Cajamarca/Peru. I. Diagnostic methods and treatment with praziquantel. Knobloch J, et al. **Trop Med Parasitol** 1985 Jun;36(2):88-90

[Clinical observation on 121 cases of acute schistosomiasis treated with pyquiton] Chen GG. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):175 **(Chi)**

[New developments in the clinical study of praziquantel] Chen MG. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):193-5 **(Chi)**

[Preliminary observation on praziquantel in the treatment of paragonimiasis sichuanensis] Chen QD, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):140-3 (Eng. Abstr.) **(Chi)**

[Treatment and follow up of 50 cases of cerebral cysticercosis with praziquantel] Zhu DY, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):50-3 (Eng. Abstr.) **(Chi)**

[Effect of praziquantel in the treatment of 111 cases of cerebral cysticercosis cellulosae] Chen WK. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):561-3 (Eng. Abstr.) **(Chi)**

[Effects of pyquiton on pulmonary S. japonicum egg granulomas in sensitized mice] Yang YQ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):217-20 (Eng. Abstr.) **(Chi)**

[Subclinical cerebral cysticercosis and Biltricide (praziquantel)] Zhu DY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):281-4 (Eng. Abstr.) **(Chi)**

[Detoxication of poisoning by 11 metals by quinamic acid] Yan XM, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar; 6(1):73-6 (Eng. Abstr.) **(Chi)**

[Dicrocoeliasis of sheep: studies of the pathogenesis and regeneration of the liver following therapy] Wolff K, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):378-87 (Eng. Abstr.) **(Ger)**

[Four kinds of parasites in an 8-year-old boy. Therapeutic effects of praziquantel against Fasciola hepatica] Wahn V, et al. **Dtsch Med Wochenschr** 1984 Sep 28;109(39):1486-8 (Eng. Abstr.) **(Ger)**

[Praziquantel in the treatment of schistosomiasis] Nahmias J, et al. **Harefuah** 1983 Oct 16;105(8):214-5 (Eng. Abstr.) **(Heb)**

[Early clinical symptoms and signs of paragonimiasis westermani, time course when intradermal test with Paragonimus westermani antigen turns positive and effects of praziquantel on paragonimiasis] Kanzaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):368-73 (Eng. Abstr.) **(Jpn)**

[Effects of N-696, a new beta-blocking agent, on canine experimental arrhythmias] Ishii M, et al. **Nippon Yakurigaku Zasshi** 1984 Sep;84(3):259-66 (Eng. Abstr.) **(Jpn)**

[Prophylactic effect of tritoqualine (TRQ) on the CCl4-induced chronic liver injury model in rats] Umezu K, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):185-92 (Eng. Abstr.) **(Jpn)**

[Therapeutic effect of TRQ on chronic liver injury model in rats induced by CCl4] Yuasa S, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):249-57 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of the effectiveness and tolerance of praziquantel in Taenia saginata taeniasis] Kociecka W, et al. **Pol Tyg Lek** 1984 Apr 16;39(16):549-52 (Eng. Abstr.) **(Pol)**

[An attempt to eradicate hymenolepiasis in a semi-closed community using praziquantel] de Castro M de L, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan-Feb;27(1):27-32 (Eng. Abstr.) **(Por)**

[Attempt at controlling hymenolepiasis caused by Hymenolepis nana with praziquantel, in a semi-closed community] Campos R, et al. **Rev Saude Publica** 1984 Dec; 18(6):491-4 (Eng. Abstr.) **(Por)**

[Praziquantel and other current preparations and chemotherapy methods in human trematodiases of the liver (opisthorchiasis and clonorchiasis) (a review of the literature)] Bronshtein AM. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):51-6 (82 ref.) **(Rus)**

[Experimental research on the chemoprophylaxis of opisthorchiasis using praziquantel] Lysenko AIa. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):38-40 (Eng. Abstr.) **(Rus)**

TOXICITY

Concerning toxicity testing of atracurium [letter] Cato AE, et al. **Anesthesiology** 1985 Jan;62(1):94-5

Antiviral action of 5-amino-2-(2-dimethyl-aminoethyl)benzo-[de]-isoquinoli e. Garcia Gancedo A, et al. **Antiviral Res** 1984 Aug; 4(4):201-10

Results of toxicological studies on praziquantel. Frohberg H. **Arzneimittelforsch** 1984;34(9B):1137-44

[Central mechanism of pyquiton-induced arrhythmia] Yan QS, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):85-9 (Eng. Abstr.) **(Chi)**

URINE

The influences of ethanol and other factors on the excretion of urinary salsolinol in social drinkers. Hirst M, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):993-1000

[Determination of salsolinol by gas chromatography-mass spectrometry and influence of foods on urinary salsolinol excretion] Matsubara K, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1985 Mar;20(1):50-9 (Eng. Abstr.) **(Jpn)**

ISOSORBIDE see under **SORBITOL**

ISOSORBIDE DINITRATE

History of the synthesis and pharmacology of isosorbide dinitrate. Carr CJ. **Am Heart J** 1985 Jul;110(1 Pt 2):197-201

ADMINISTRATION & DOSAGE

Bioequivalence of a sustained-release isosorbide dinitrate formulation at steady-state. Taylor T, et al. **Biopharm Drug Dispos** 1985 Apr-Jun;6(2):119-29

Assessment of dermal glyceryl trinitrate and isosorbide dinitrate for patients with angina pectoris. Hubner PJ, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):514-6

Effect of sustained release isosorbide dinitrate on exercise performance. Flugelman MY, et al. **Cardiology** 1985;

72(3):123-8

Controlled, eight-hour haemodynamic study of a sustained-release formulation of isosorbide dinitrate in moderate left ventricular failure. Dubourg O, et al. **Eur J Clin Pharmacol** 1984;27(3):259-63

Double-blind randomised crossover trial comparing isosorbide dinitrate cream and oral sustained-release tablets in patients with angina pectoris. Handler CE, et al. **Int J Cardiol** 1985 Feb;7(2):149-57

Effect of a combination of pindolol and isosorbide dinitrate on ischemic ST-segment depression and exercise ability in angina pectoris. Dorow P, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):419-22

Sublingual isosorbide dinitrate, topical isosorbide dinitrate and topical nitroglycerine in salvaging ischaemic myocardium. Gupta MC, et al. **J Assoc Physicians India** 1984 Dec;32(12):1023-6

A case of primary pulmonary hypertension treated with prazosin and isosorbide dinitrate. Kanemoto N, et al. **Jpn Heart J** 1984 Nov;25(6):1085-9

[Long-term therapy of stress angina pectoris by a single daily administration of 120 mg isosorbide dinitrate in retard form. Comparison of monotherapy and combination therapy with atenolol and nifedipine] Blasini R, et al. **Herz** 1985 Jun; 10(3):163-71 (Eng. Abstr.) **(Ger)**

[Transcutaneous application of nitroglycerin and isosorbide dinitrate versus placebo: effect in myocardial ischemia] Gloor HO, et al. **Schweiz Med Wochenschr** 1985 Mar 23; 115(12):412-7 (Eng. Abstr.) **(Ger)**

[Isosorbide dinitrate ointment in the long-term treatment of intermittent claudication] Testa R, et al. **G Ital Cardiol** 1984 Nov;14(11):852-8 (Eng. Abstr.) **(Ita)**

[Clinical and hemodynamic effects of continuous intravenous injection of isosorbide dinitrate in patients with congestive heart failure] Itoh M, et al. **Kokyu To Junkan** 1985 May; 33(5):679-84 (Eng. Abstr.) **(Jpn)**

[Effects of isosorbide dinitrate tape (TY-0081) on congestive heart failure: results of multicenter study] Niitani H, et al. **Kokyu To Junkan** 1984 Aug;32(8):841-7 (Eng. Abstr.) **(Jpn)**

[Ambulatory treatment of chronic heart failure with peripheral vasodilators] Solonovich TG. **Kardiologiia** 1984 Nov;24(11):113-4 **(Rus)**

[Long-term use of anti-angina preparations and the development of drug tolerance] Metelitsa VI. **Klin Med (Mosk)** 1985 Feb;63(2):27-33 **(Rus)**

[Effect of nitrates and obsidan on myocardial infarction] Malinovskaia IE, et al. **Vrach Delo** 1985 Jan;(1):56-9 **(Rus)**

ADVERSE EFFECTS

Differences in the production of methemoglobin during high-dose treatment with isosorbide dinitrate or isosorbide 5-mononitrate. Schneider W, et al. **Arzneimittelforsch** 1984; 34(12):1779-82

ANALOGS & DERIVATIVES

Differences in the production of methemoglobin during high-dose treatment with isosorbide dinitrate or isosorbide 5-mononitrate. Schneider W, et al. **Arzneimittelforsch** 1984; 34(12):1779-82

Metabolic fact of 14C-isosorbide 5-mononitrate in humans. Wood SG, et al. **Arzneimittelforsch** 1984;34(9):1031-5

The effect of food on the oral absorption of isosorbide-5-mononitrate. Laufen H, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):967-8

Effect of 5-isosorbide mononitrate on isosorbide dinitrate-induced relaxation of rabbit aortic rings. Bennett BM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1194-7

Isosorbide 5-mononitrate and isosorbide 2-mononitrate kinetics after intravenous and oral dosing. Straehl P, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):485-92

Determination of isosorbide 5-mononitrate in human plasma by capillary column gas chromatography. Straehl P, et al. **J Pharm Sci** 1984 Sep;73(9):1317-9

The effect of isosorbide dinitrate and isosorbide-5-mononitrate on prostacyclin (PGI2) and thromboxane A2 (TXA2) generation in rat and human arteries. Nakabayashi S, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):323-32

[Isosorbide-5-mononitrate. A metabolite of isosorbide dinitrate] Aldershvile J, et al. **Ugeskr Laeger** 1985 Jun 10; 147(24):1948-9 **(Dan)**

[Bioavailability of isosorbide-5-mononitrate from delayed-action formulations] Taylor T, et al. **Arzneimittelforsch** 1984;34(11):1584-7 (Eng. Abstr.) **(Ger)**

[Comparative study of the bioavailability and pharmacokinetics of isosorbide dinitrate formulations in retard form and in standard preparations by determination of isosorbide-5-mononitrate] Lutz VD, et al. **Arzneimittelforschung** 1985;35(4):730-4 (Eng. Abstr.) **(Ger)**

[4 different nitrate preparations with regard to the possible development of tolerance in long-term treatment] Mertens HM, et al. **Herz** 1985 Jun;10(3):172-81 (Eng. Abstr.) **(Ger)**

[Efficacy and duration of action of isosorbide-5-mononitrate in the treatment of stable angina of effort. Comparison with sustained-release isosorbide dinitrate] Lagioia R, et al. **G Ital Cardiol** 1985 Mar;15(3):299-306 (Eng. Abstr.) **(Ita)**

ANALYSIS

High-performance liquid chromatographic determination of the nitrate esters isosorbide dinitrate, pentaerythritol tetranitrate, and erythrityl tetranitrate in various tablet forms. Olsen CS, et al. **J Pharm Sci** 1984 Sep;73(9):1303-4

BLOOD

Role of hemoglobin in the differential biotransformation of glyceryl trinitrate and isosorbide dinitrate by human erythrocytes. Bennett BM, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):228-32

[Pharmacokinetics of isodinit (from Pharmachem) in humans] Georgieva R, et al. **Eksp Med Morfol** 1984;23(3):138-43 (Eng. Abstr.) **(Bul)**

[Pharmacokinetics and metabolism of organic nitrates] Steudel H. **Z Kardiol** 1985;74 Suppl 1:1-7 **(Ger)**

METABOLISM

Pharmacokinetics and pharmacodynamics of isosorbide dinitrate. Fung HL. **Am Heart J** 1985 Jul;110(1 Pt 2):213-6

Isosorbide dinitrate bioavailability, kinetics, and metabolism. Straehl P, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):140-9

Pharmacokinetics and metabolism of isosorbide-dinitrate after intravenous and oral administration. Abshagen U, et al. **Eur J Clin Pharmacol** 1985;27(6):637-44

Fate of orally given isosorbide dinitrate in cirrhotic patients. Bogaert MG, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):491-2

Isosorbide dinitrate disposition in the rat: metabolite pharmacokinetics and interactions. Morrison RA, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):124-30

A study into the mucosal absorption of isosorbide dinitrate at different intraoral sites. Pimlott SJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):145-8

[Comparative study of the bioavailability and pharmacokinetics of isosorbide dinitrate formulations in retard form and in standard preparations by determination of isosorbide-5-mononitrate] Lutz VD, et al. **Arzneimittelforschung** 1985;35(4):730-4 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Hemodynamic effects of nitroglycerin and long-acting nitrates. Abrams J. **Am Heart J** 1985 Jul;110(1 Pt 2):216-24 (50 ref.)

Isosorbide dinitrate and exercise performance in patients with congestive heart failure. Franciosa JA. **Am Heart J** 1985 Jul;110(1 Pt 2):245-50 (29 ref.)

Improved coronary supply: prevailing mechanism of action of nitrates in chronic stable angina. Kaski JC, et al. **Am Heart J** 1985 Jul;110(1 Pt 2):238-45

Nitrate tolerance. Leier CV. **Am Heart J** 1985 Jul;110(1 Pt 2):224-32 (37 ref.)

Studies on the mode of action of isosorbide dinitrate: a physiologic and biochemical approach. Matlib MA, et al. **Am Heart J** 1985 Jul;110(1 Pt 2):204-12

Mechanisms of nitrate action in patients with severe left ventricular failure: conceptual problems with the theory of venosequestration. Packer M. **Am Heart J** 1985 Jul;110(1 Pt 2):259-64 (48 ref.)

Role of isosorbide dinitrate in management of chronic congestive heart failure. Parmley WW. **Am Heart J** 1985 Jul;110(1 Pt 2):264-8 (20 ref.)

Role of isosorbide dinitrate in patients with unstable angina pectoris. Rackley CE. **Am Heart J** 1985 Jul;110(1 Pt 2):269-72

Hemodynamic effects of molsidomine, isosorbide dinitrate, and nifedipine at rest and during exercise. Schartl M, et al. **Am Heart J** 1985 Mar;109(3 Pt 2):649-53

The role of isosorbide dinitrate in the treatment of perioperative hypertension. Thys DM, et al. **Am Heart J** 1985 Jul;110(1 Pt 2):273-6 (17 ref.)

Coronary artery dilation and hemodynamic responses after isosorbide dinitrate therapy in patients with coronary artery disease. Badger RS, et al. **Am J Cardiol** 1985 Sep 1; 56(7):390-5

Effects of isosorbide dinitrate on pancreatic exocrine secretion in the dog. Yamagishi F, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):306-13

Effects of isosorbide dinitrate spray on central hemodynamics. Comparison with sublingual glyceryl trinitrate and isosorbide dinitrate. Saito M, et al. **Arzneimittelforsch** 1984;34(6):707-9

The influence of captopril, the nitrates and propranolol on apparent liver blood flow. Shepherd AN, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):393-7

Effect of 5-isosorbide mononitrate on isosorbide dinitrate-induced relaxation of rabbit aortic rings. Bennett BM, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1194-7

Controlled comparison of the pharmacodynamic effects of nicorandil (SG-75) and isosorbide dinitrate in man. Belz GG, et al. **Eur J Clin Pharmacol** 1984;26(6):681-5

Effects of sublingual isosorbide dinitrate on left ventricular performance during exercise in patients with myocardial infarction. Fukui S, et al. **Jpn Circ J** 1984 Oct; 48(10):1057-65

Postural changes and isosorbide dinitrate. A polygraphic study in patients with coronary artery disease. Romano M, et al. **Jpn Heart J** 1984 Nov;25(6):1011-8

Effectiveness of nicorandil in the preservation of myocardium stressed by transient ischemia and its influence on cardiac metabolism during coronary artery occlusion with subsequent reperfusion: a comparison with isosorbide dinitrate. Korb H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):440-6

Evidence for isosorbide dinitrate (ISDN) promoting effect on prostacyclin release by the lung and prostacyclin implication in ISDN-induced inhibition of platelet aggregation in humans. Rolland PH, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):333-46

The effect of isosorbide dinitrate and isosorbide-5-mononitrate on prostacyclin (PGI2) and thromboxane A2 (TXA2) generation in rat and human arteries. Nakabayashi S, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):323-32

The effect of nitroglycerin and isosorbiddinitrate on myocardial perfusion and hemodynamics in patients with and without coronary disease. Simon R, et al. **Scand J Clin Lab Invest [Suppl]** 1984;173:47-58

[Pharmacodynamic effects of VUFB's isosorbide dinitrate and Spofa's nitroglycerin] Smid J, et al. **Cas Lek Cesk** 1985 Apr 12;124(15):456-9 (Eng. Abstr.) **(Cze)**

[Importance of injectable isosorbide dinitrate after cardiac surgery under extracorporeal circulation] Lebreton P, et al. **Cah Anesthesiol** 1984 Oct;32(6):483-7 **(Fre)**

STANDARDS

Comparative quality tests of two types of sustained release preparation of isosorbide dinitrate. Noda H, et al. **Sangyo Ika Daigaku Zasshi** 1984 Jun 1;6(2):141-7

THERAPEUTIC USE

Proceedings of the symposium on ischemic heart disease: the role of isordil--past, present, and future. November 11, 1984. Miami Beach, Florida. **Am Heart J** 1985 Jul;110(1 Pt 2):197-292

Isosorbide dinitrate and nifedipine in variant angina pectoris. Conti CR, et al. **Am Heart J** 1985 Jul;110(1 Pt 2):251-6 (19 ref.)

Arteriographic demonstration of the release of coronary artery spasm by isosorbide dinitrate: a twenty-five-year retrospective. Gensini GG. **Am Heart J** 1985 Jul;110(1 Pt 2):201-3

Comparative effects of captopril and isosorbide dinitrate on pulmonary arteriolar resistance and right ventricular function in patients with severe left ventricular failure: results of a randomized crossover study. Packer M, et al. **Am Heart J** 1985 Jun;109(6):1293-9

Influence of long-acting nitrate therapy on the risk of reinfarction, sudden death, and total mortality in survivors of acute myocardial infarction. Rapaport E. **Am Heart J** 1985 Jul;110(1 Pt 2):276-80

Combination therapy with isosorbide dinitrate: current status and the future. Schroeder JS. **Am Heart J** 1985 Jul;110(1 Pt 2):284-91 (25 ref.)

High-dose isosorbide dinitrate in management of angina pectoris. Tremblay G. **Am Heart J** 1985 Jul;110(1 Pt 2):280-4

Concomitant calcium antagonist plus isosorbide dinitrate therapy for markedly active variant angina. Winniford MD, et al. **Am Heart J** 1984 Nov;108(5):1269-73

Comparison of antianginal efficacy of nifedipine and isosorbide dinitrate in chronic stable angina: a long-term, randomized, double-blind, crossover study. Liang CS, et al. **Am J Cardiol** 1985 May 17;55(12):9E-14E

Isosorbide dinitrate and glyceryl trinitrate: demonstration of cross tolerance in the capacitance vessels. Manyari DE, et al. **Am J Cardiol** 1985 Apr 1;55(8):927-31

Isosorbide dinitrate sublingual therapy for inferior myocardial infarction: randomized trial to assess infarct size limitation. Pabon Osuna P, et al. **Am J Cardiol** 1985 Feb 1;55(4):330-4

The immediate effects of isosorbide dinitrate on right ventricular function in patients with acute hypoxemic respiratory failure. A combined invasive and radionuclide study. Sibbald WJ, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):862-8

Comparison of the effects of molsidomine, nitroglycerin and isosorbide dinitrate on experimentally induced coronary artery thrombosis in the dog. Martorana PA, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):503-12

Haemodynamic effects of Isodinit (isosorbide dinitrate) in acute myocardial infarction. Daskalov TR, et al. **Cor Vasa** 1985;27(1):11-22

Endoscopic variceal pressure measurements: response to isosorbide dinitrate. Dawson J, et al. **Gut** 1985 Aug; 26(8):843-7

Isosorbide dinitrate in clinical practice. Swedberg K. **Scand J Clin Lab Invest [Suppl]** 1984;173:85-91 (31 ref.)

Nitrates in acute myocardial infarction. Taylor SH. **Scand J Clin Lab Invest [Suppl]** 1984;173:27-32

The antianginal efficacy of isosorbide dinitrate: dose-response relation and long-term effects of high-dose treatment. Schneider W, et al. **Z Kardiol** 1985;74 Suppl 1:55-63

Can the problem of nitrate tolerance be solved? Silber S. **Z Kardiol** 1985;74 Suppl 1:51-4

[Comparison of isosorbide dinitrate and nitroglycerin in patients with angina pectoris] Zikmund M, et al.

Vnitr Lek 1984 Nov;30(11):1060-5 (Eng. Abstr.) **(Cze)**

[Effects of injectable isosorbide dinitrate in perangiographic cerebral spasm] Floras P, et al. **Agressologie** 1984 Jun; 25(7):829-31 (Eng. Abstr.) **(Fre)**

[4 different nitrate preparations with regard to the possible development of tolerance in long-term treatment] Mertens HM, et al. **Herz** 1985 Jun;10(3):172-81 (Eng. Abstr.) **(Ger)**

[Anti-angina effectiveness of isosorbide dinitrate in an acute trial and following continuous 4-week therapy with 40 mg 6 times a day] Schneider W, et al. **Klin Wochenschr** 1985 May 15;63(10):460-7 (Eng. Abstr.) **(Ger)**

[Efficacy and duration of action of isosorbide-5-mononitrate in the treatment of stable angina of effort. Comparison with sustained-release isosorbide dinitrate] Lagioia R, et al. **G Ital Cardiol** 1985 Mar;15(3):299-306 (Eng. Abstr.) **(Ita)**

[Value of Iso Mack Retard in the treatment of coronary disease] Zminkowska U, et al. **Wiad Lek** 1984 Apr 1; 37(7):496-500 (Eng. Abstr.) **(Pol)**

[The use of peripheral vasodilators in the immediate postoperative period following cardiac surgery: comparative study of the effects of dianhydrosorbitol dinitrate and sodium nitroprussate] Fortuna AB, et al. **Arq Bras Cardiol** 1981 Oct;37(4):335-9 (Eng. Abstr.) **(Por)**

[Effect of isosorbide dinitrate (isoket) on central hemodynamics and myocardial contraction in patients with ischemic heart disease] Abugov AM, et al. **Kardiologiia** 1984 Nov;24(11):96-100 (Eng. Abstr.) **(Rus)**

[Combined use of nitrates and beta-adrenergic blockaders in patients with acute myocardial infarct] Gvatua NA, et al. **Kardiologiia** 1985 Apr;25(4):12-7 (Eng. Abstr.) **(Rus)**

[Possibility of developing tolerance to the anti-anginal effect of isosorbide dinitrate and verapamil] Metelitsa VI, et al. **Kardiologiia** 1985 Jan;25(1):63-7 (Eng. Abstr.) **(Rus)**

ISOSPORA

CLASSIFICATION

Coccidian parasites (Apicomplexa: Eimeriidae) of Microtus spp. (Rodentia: Arvicolidae) from the United States, Mexico, and Japan, with descriptions of five new species. Vance TL, et al. **J Parasitol** 1985 Jun;71(3):302-11

Erhardorina n. g., Ascogregarina polynesiensis n. sp., Eimeria golemanskii n. sp., Isospora tamariscini n. sp., Gregarina kazumii n. nom., new combinations and emendations in the names of apicomplexan protozoa. Levine ND. **J Protozool** 1985 May;32(2):359-63

GROWTH & DEVELOPMENT

Life cycle of Isospora suis in gnotobiotic and conventionalized piglets. Harleman JH, et al. **Vet Parasitol** 1984 Dec;17(1):27-39

ISOLATION & PURIFICATION

Isospora infection in a homosexual man. Kobayashi LM, et al. **Diagn Microbiol Infect Dis** 1985 Jul;3(4):363-6

Demonstration of Isospora belli by acid-fast stain in a patient with acquired immune deficiency syndrome. Ng E, et al. **J Clin Microbiol** 1984 Sep;20(3):384-6

Isospora suis species in a Danish SPF-herd. Greve E. **Nord Vet Med** 1985 May-Jun;37(3):140-4

[A case of the long-term infection of Isospora belli] Iwamoto T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1389-93 **(Jpn)**

PATHOGENICITY

Pathogenicity of Isospora suis in gnotobiotic and conventionalised piglets. Harleman JH, et al. **Vet Rec** 1985 May 25;116(21):561-5

ISOSPORA INFECTIONS see **COCCIDIOSIS**

ISOTACHOPHORESIS see **ELECTROPHORESIS**

ISOTHIURONIUM see under **THIOUREA**

ISOTONIC CONTRACTION see under **MUSCLE CONTRACTION**

ISOTONIC SOLUTIONS

Comparison of crystalloid and sanguineous cardioplegic solutions in the dog. Spackman CJ, et al. **Am J Vet Res** 1985 Jun;46(6):1330-4

Microwave ovens. A safe new method of warming crystalloids. Werwath DL, et al. **Am Surg** 1984 Dec; 50(12):656-9

Calcium precipitation from mammalian physiological salines (Ringer solutions) and the preparation of high [Ca] media. MacConaill M. **J Pharmacol Methods** 1985 Sep; 14(2):147-55

[The effect of CoQ10 administration for the myocardial protection of coronary perfusion with cold lactated Ringer's solution plus mannitol] Takimoto M, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):550-5 (Eng. Abstr.) **(Jpn)**

[Correction of the ionic composition of Ringer's solution] Barteczko I, et al. **Pol Tyg Lek** 1984 Sep 17;39(38):1265-8 (Eng. Abstr.) **(Pol)**

ADMINISTRATION & DOSAGE

[Orthograde bowel irrigation using Ringer's lactate solution (letter)] Schock D, et al. **Dtsch Med Wochenschr** 1984 Nov 23;109(47):1824 **(Ger)**

HISTORY

[On the anniversary of Ringer's solution and its discoverer] Heller J. **Cesk Fysiol** 1985;34(1):1-2 **(Cze)**

METABOLISM

[Intraoperative use of L-lactated Ringer's solution] Kono K, et al. **Masui** 1984 Oct;33(10):1130-6 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Parathyroid hormone contributes to volume expansion-induced inhibition of proximal reabsorption. Mercier O, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F100-3

Effects of Ringer fluid on regional blood flow and filtration rate in the cat kidney. Rasmussen SN, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F851-7

The effects of two physiological salines, Locke's and van Harreveld's, on the midgut red chromatophores of the freshwater shrimp, Caridina denticulata. Miyawaki M, et al. **Cell Biol Int Rep** 1985 Jun;9(6):555-9

Structural effects of external media on isolated myelinated axons. Orson NV, et al. **Comp Biochem Physiol [A]** 1985; 80(2):247-56

The effects of four different crystalloid bypass pump-priming fluids upon the metabolic response to cardiac operation. McKnight CK, et al. **J Thorac Cardiovasc Surg** 1985 Jul; 90(1):97-111

Asymmetrical potassium permeability of the Müller cell. Field potential induced by intraretinal injection of K + -free Ringer's in frog retina. Yanagida T, et al. **Jpn J Ophthalmol** 1984;28(3):215-21

The buffering capacity of crystalloid and colloid resuscitation solutions. Traverso LW, et al. **Resuscitation** 1985 Mar; 12(4):265-70

THERAPEUTIC USE

Flushing solution for the arterial line [letter] Dobnik DB. **Anesthesiology** 1985 Jun;62(6):837

Extracellular fluid deficit following operation and its correction with Ringer's lactate. A reassessment. Roberts JP, et al. **Ann Surg** 1985 Jul;202(1):1-8

Effects on intracranial pressure of resuscitation from hemorrhagic shock with hypertonic saline versus lactated Ringer's solution. Prough DS, et al. **Crit Care Med** 1985 May;13(5):407-11

A prospective randomized study of hydroxyethyl starch, albumin, and lactated Ringer's solution as priming fluid for cardiopulmonary bypass. Sade RM, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):713-22

TOXICITY

[Lens opacities in pars plana vitrectomy: experimental studies on the effect of the infusion solution] Mester U, et al. **Fortschr Ophthalmol** 1984;81(3):298-300 (Eng. Abstr.) **(Ger)**

ISOTOPE LABELING

Synthesis, storage, and stability of [4-14C]oxaloacetic acid. Hatch MD, et al. **Anal Biochem** 1985 Mar;145(2):393-7

High-performance liquid chromatography of iodine-labeled insulin and glucagon derivatives with on-line gamma-detection. Pingoud V, et al. **Anal Biochem** 1984 Aug 1;140(2):305-14

125I-glycoconjugate labels for identifying sites of protein catabolism in vivo: effect of structure and chemistry of coupling to protein on label entrapment in cells after protein degradation. Strobel JL, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):635-45

Effects of pulse labelling with tritiated thymidine on the circadian rhythmicity in epidermal cell-cycle distribution in mice. Clausen OP, et al. **Cell Tissue Kinet** 1985 Jan; 18(1):83-9

Derivatives of cyclosporin compatible with antibody-based assays: I. The generation of [125I]-labeled cyclosporin. Mahoney WC, et al. **Clin Chem** 1985 Mar;31(3):459-62

Radiolabeled drugs as probes of central nervous system neurons. Wagner HN Jr. **Clin Chem** 1985 Sep;31(9):1521-4

In vitro labeling of human polymorphonuclear leukocytes with 99mTc. Kelbaek H, et al. **Eur J Nucl Med** 1984; 9(8):366-9

Leucocyte and contaminant cell-bound activities resulting from the labelling of leucocytes with 111In-oxine. Mountford PJ, et al. **Eur J Nucl Med** 1985;10(7-8):304-7

Destruction of acetylcholine receptor by decaying 125I-alpha-bungarotoxin. Schmidt J. **J Biol Chem** 1984 Nov 25;259(22):14033-7

Staggered stable isotope administration technique for study of drug distribution. Evans JE, et al. **J Clin Pharmacol** 1985 May-Jun;25(4):309-12

Platelet regeneration time after aspirin ingestion and platelet survival time after labelling with 51chromium or 111indium oxine--a comparative study. Boneu A, et al. **Thromb Haemost** 1985 Apr 22;53(2):260-3

[Leakage of radioactive iodine from the contaminated floor of a radioiodination room] Tanaka Y, et ai. **Radioisotopes** 1984 Oct;33(10):721-4 **(Jpn)**

[Leakage of gaseous 125I during radioiodination using Na125I] Tanaka Y, et al. **Radioisotopes** 1984 Oct; 33(10):699-701 (Eng. Abstr.) **(Jpn)**

[Leakage and handling of radioiodine on radioiodination] Tanaka Y, et al. **Seikagaku** 1984 Dec;56(12):1522-6 **(Jpn)**

[Preparation of 125I-labelled tetraiodothyroxine, T4, for the analysis of total serum T4 (RIA)] Santos I, et al. **Acta Med Port** 1984 Sep-Oct;5(9-10):255-9 (Eng. Abstr.) **(Por)**

INSTRUMENTATION

[Development of an automatic synthesis system for cyclotron--produced radiopharmaceuticals: 15O-water and 11C-cyanide] Nishihara Y, et al. **Radioisotopes** 1984 Oct;33(10):706-9 **(Jpn)**

METHODS

Enzymatic synthesis of uniformly 32P-labeled polyribonucleotides and high-specific-activity ribonucleoside 5'-[alpha-32P]diphosphates. Kang C, et al. **Anal Biochem** 1985 Jan;144(1):291-5

Solid-phase radiolabeling of glycolipids with galactose oxidase and sodium boro[3H]hydride. Okada Y, et al. **Anal Biochem** 1985 Jun;147(2):311-4

An enzymatic method for radiolabeling vertebrate vitellogenin. Opresko L, et al. **Anal Biochem** 1984 Aug 1;140(2):372-9

Preparation of tritium-labeled tetrahydropteroylpolyglutamates of high specific radioactivity. Paquin J, et al. **Anal Biochem** 1985 Apr; 146(1):52-8

An alternative procedure for incorporating radiolabelled cholesteryl ester into human plasma lipoproteins in vitro. Roberts DC, et al. **Biochem J** 1985 Feb 15;226(1):319-22

The validity of the labelling index in tumour studies. Hamilton E, et al. **Br J Cancer** 1985 Jan;51(1):15-21

Stable isotopes of calcium as tracers: methodology. Smith DL, et al. **Clin Chim Acta** 1985 Feb 28;146(1):97-101

[125I] radioiodinated metaraminol: a new platelet-specific labeling agent. Ohmomo Y, et al. **Eur J Nucl Med** 1985; 10(5-6):269-75

Synthesis of 4-[18F]fluoroantipyrine and its biodistribution in mice. Shiue CY, et al. **Eur J Nucl Med** 1985; 10(5-6):278-82

Preparation of carbon-11 labelled albumin microspheres for human clinical use. Brady F, et al. **Int J Appl Radiat Isot** 1984 Oct;35(10):983-4

Synthesis of ethyl 8-fluoro-5,6-dihydro-5-[11C]methyl-6-oxo-4H-imidazo [1,5-a] [1,4]benzodiazepine-3-carboxylate (RO 15.1788-11C): a specific radioligand for the in vivo study of central benzodiazepine receptors by positron emission tomography. Maziere M, et al. **Int J Appl Radiat Isot** 1984 Oct;35(10):973-6

A novel approach to the analysis of mass spectrally assayed stable isotope-labeling experiments. Strong JM, et al. **J Biol Chem** 1985 Apr 10;260(7):4276-81

Hypochlorite radioiodination of parathyroid peptides (hPTH1-34, [Tyr43]hPTH44-68). Orwoll E, et al. **J Lab Clin Med** 1985 Feb;105(2):247-53

Synthesis of high specific activity [75Br]- and [77Br]bromperidol and tissue distribution studies in the rat. Moerlein SM, et al. **J Med Chem** 1985 Sep;28(9):1319-24

11C-labeled 4-isopropylantipyrine: preparation and biological evaluation as a blood flow tracer in positron emission tomography (PET). Stone-Elander S, et al. **J Med Chem** 1985 Sep;28(9):1325-8

Development of a model system to evaluate methods for radiolabeling monoclonal antibodies. Otsuka FL, et al. **J Nucl Med** 1984 Dec;25(12):1343-9

Evaluation of red blood cell (RBC) labeling procedures in cardiovascular scintigraphy. Hinkle GH, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):63-8

Preparation and analysis of deuterium-labeled aspirin: application to pharmacokinetic studies. Pedersen AK, et al. **J Pharm Sci** 1985 Feb;74(2):188-92

A simple and rapid method for preparation of 203Hg-labeled methylmercury from 203HgCl2 and methylcobalamin. Naganuma A, et al. **J Pharmacobiodyn** 1985 Jan;8(1):69-72

A new method of iodine labelling of peptide hormones. Escher E. **J Recept Res** 1984;4(1-6):331-6

Derivation of the frequency distributions of cycle durations from continuous labeling curves. Voit EO, et al. **J Theor Biol** 1985 Feb 7;112(3):575-88

An evaluation of different methods for labelling the surface of the filarial nematode Brugia pahangi with 125iodine. Marshall E, et al. **Mol Biochem Parasitol** 1985 Jun; 15(3):295-304

111Indium labeling of cultured human tumor cells. Lockshin A, et al. **Oncology** 1985;42(5):322-7

Preparation of [14C]uridine 5'-diphosphate and [14C]guanosine 5'-diphosphate. Cory JG, et al. **Prep Biochem** 1984 Aug;14(3):231-7

An easy method for preparing radioactive methyl esters of eicosanoids suitable as ligands in radioimmunoassays. Moonen P, et al. **Prostaglandins** 1985 Mar;29(3):443-8

Whole-body distribution of 11C-(4)-L-aspartic acid in rats. Nakamura T, et al. **Radioisotopes** 1984 Jun;33(6):363-9

Procurement and biological significance of pure 11C-glucose. Saji H, et al. **Radioisotopes** 1984 Oct;33(10):680-5

Radioimmunoassay of human sex hormone binding globulin: improved radioiodination procedure. Fernlund P, et al. **Scand J Clin Lab Invest** 1985 Sep;45(5):461-9

A systematic approach to the preparation of 125I-labeled gastrointestinal regulatory peptides with high specific radioactivities. Burhol PG, et al. **Scand J Gastroenterol** 1985 May;20(4):466-9

The preparation of bioactive 125I-gastrin, using Iodo-gen as oxidizing agent, and the use of this tracer in receptor studies. Kleveland PM, et al. **Scand J Gastroenterol** 1985 Jun;20(5):569-76

ISOTOPES

What are the uses of stable isotopes or mass spectrometry in the study of burn injury? Bier DM. **J Trauma** 1984 Sep;24(9 Suppl):S147-54

Stable isotopes in nutrition and food science. Janghorbani M. **Prog Food Nutr Sci** 1984;8(3-4):303-32 (93 ref.)

[Comparative study of possibilities presented to biomedical studies by stable and radioactive isotopes] Balaban AT, et al. **Physiologie** 1985 Jan-Mar;22(1):71-4 **(Fre)**

ANALYSIS

Stable isotopic abundances as reflections of ingestion practices. Klein PD. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):568-72

Use of stable isotopes to determine compliance. Schwarcz HP. **Controlled Clin Trials** 1984 Dec;5(4 Suppl):573-5

A new possibility for simultaneous determination of radioactive and stable isotopes in environmental samples by the substoichiometric method. Ikeda N, et al. **Radioisotopes** 1985 Feb;34(2):99-100

DIAGNOSTIC USE

Calculation of stable isotope enrichment tracer kinetic procedures. Buckley WT, et al. **Biomed Mass Spectrom** 1985 Jan;12(1):1-5

Non-invasive radioisotopic evaluation of placental blood flow. Maini CL, et al. **Gynecol Obstet Invest** 1985;19(4):196-206

METABOLISM

[Stable isotopes in gastroenterology research and diagnosis] Paumgartner G, et al. **Z Gastroenterol [Verh]** 1985 Apr;20:100-4 **(Ger)**

RADIATION EFFECTS

Neutron microscopy. The low-damage imaging of specialized organic materials. Steinbach A. **Cell Biophys** 1985 Mar;7(1):1-29 (78 ref.)

ISOXAZOLES see under **OXAZOLES**

ISOXSUPRINE

PHARMACODYNAMICS

Pharmacologic manipulation of the microcirculation in cutaneous and myocutaneous flaps in pigs. Pang CY, et al. **Clin Plast Surg** 1985 Apr;12(2):173-84

Colonic ischaemia and anastomotic healing. Foster ME, et al. **Eur Surg Res** 1985;17(3):133-9

Effects of intra-amniotic isoxsuprine on amino acid placental transfer in rats. Garzetti GG, et al. **Gynecol Obstet Invest** 1985;19(3):143-5

Pharmacologic action of isoxsuprine in cutaneous and myocutaneous flaps. Neligan P, et al. **Plast Reconstr Surg** 1985 Mar;75(3):363-74

THERAPEUTIC USE

The effectiveness of isoxsuprine in patients with intermittent claudication. Skotnicki SH, et al. **Angiology** 1984 Nov;35(11):685-93

Report of Scottish general practitioner open multicentre study of isoxsuprine (Duvadilan Retard) in the management of intermittent claudication. Mackenzie W, et al. **Br J Clin Pract** 1985 Jan;39(1):30-2

Hemodynamic effects of isoxsuprine in cardiac failure. Gozo EG Jr, et al. **Chest** 1984 Nov;86(5):736-40

Treatment of premature labor in insulin-dependent diabetic women. Miodovnik M, et al. **Obstet Gynecol** 1985 May;65(5):621-7

[Interactions between beta-mimetics and indices of feto-placental function] Forcucci-Zulli M, et al. **Minerva Ginecol** 1985 Mar;37(3):89-92 (Eng. Abstr.) **(Ita)**

[Resinated isoxsuprine in the therapy of cerebral ischemic vascular diseases] Caneschi S, et al. **Minerva Med** 1984 Nov 30;75(45-46):2769-76 (Eng. Abstr.) **(Ita)**

ITAI-ITAI see **CADMIUM POISONING**

ITCHING see **PRURITUS**

IUDR see **IDOXURIDINE**

IUGR see **FETAL GROWTH RETARDATION**

J CHAINS see **IMMUNOGLOBULINS, J CHAIN**

JAAGSIEKTE see **PULMONARY ADENOMATOSIS, OVINE**

JACKSONIAN SEIZURE

Complex partial seizures. Desai BT. **Am Fam Physician** 1984 Oct;30(4):158-66

DIAGNOSIS

[Severe migraine accompagnée with computer tomographic findings] Möller A, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):358-61 (Eng. Abstr.) **(Ger)**

JAKOB-CREUTZFELDT SYNDROME

[Human subacute spongiform encephalopathies] Sánchez E, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):118-22 **(Spa)**

CEREBROSPINAL FLUID

Additional cerebrospinal fluid proteins found in schizophrenia and Creutzfeldt-Jakob disease. Harrington MG, et al. **Psychopharmacol Bull** 1985;21(3):361-4

CHEMICALLY INDUCED

Leads from the MMWR. Fatal degenerative neurologic disease in patients who received pituitary-derived human growth hormone. **JAMA** 1985 Jul 26;254(4):475, 479

Creutzfeldt-Jakob disease after administration of human growth hormone. Powell-Jackson J, et al. **Lancet** 1985 Aug 3;2(8449):244-6

Fatal degenerative neurologic disease in patients who received pituitary-derived human growth hormone. **MMWR** 1985 Jun 21;34(24):359-60, 365-6

DIAGNOSIS

Creutzfeldt-Jakob disease of long duration: clinicopathological characteristics, transmissibility, and differential diagnosis. Brown P, et al. **Ann Neurol** 1984 Sep;16(3):295-304

Cerebral MR and CT imaging in Creutzfeldt-Jakob disease. Kovanen J, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):125-8

[Creutzfeldt-Jakob disease. Review of the literature apropos of 2 cases] Dieudonné L. **Rev Med Liege** 1984 Dec 15;39(24):879-85 **(Fre)**

[Creutzfeldt-Jakob disease. An infectious neuropsychiatric ailment] Sartorio S, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):675-80 **(Fre)**

[Diagnosis and course of Creutzfeldt-Jakob disease (clinico-pathologoanatomic parallels] Orlova EG, et al. **Zh Nevropatol Psikhiatr** 1984;84(12):1804-9 (Eng. Abstr.) **(Rus)**

[Differential diagnosis of Creutzfeldt-Jakob disease] Mitrova E, et al. **Bratisl Lek Listy** 1984 Aug;82(2):983-90 (Eng. Abstr.) **(Slo)**

ETIOLOGY

Human growth hormone and Creutzfeldt-Jakob disease [editorial] Raiti S. **Ann Intern Med** 1985 Aug;103(2):288-9

Degenerative neurologic disease in patients formerly treated with human growth hormone. Report of the Committee on Growth Hormone Use of the Lawson Wilkins Pediatric Endocrine Society, May 1985. **J Pediatr** 1985 Jul;107(1):10-2

Problems with growth hormone. **Med Lett Drugs Ther** 1985 Jul 5;27(691):57-8

Creutzfeldt-Jakob disease: possible medical risk factors. Davanipour Z, et al. **Neurology** 1985 Oct;35(10):1483-6

Virus scare halts hormone research [news] Norman C. **Science** 1985 Jun 7;228(4704):1176-7

[Prion diseases?] Diringer H. **Dtsch Med Wochenschr** 1985 May 17;110(20):819 **(Ger)**

FAMILIAL & GENETIC

Familial clustering of the ataxic form of Creutzfeldt-Jakob disease with Hirano bodies. Cartier L, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):234-8

Oncogenes in scrapie and Creutzfeldt-Jacob disease [letter] Oppenheimer SJ. **J R Soc Med** 1985 Apr;78(4):347

HLA typing of Japanese patients with Creutzfeldt-Jakob disease: significant association with HLA-DQw3 [letter] Kuroda Y, et al. **N Engl J Med** 1985 Apr 25;312(17):1128

IMMUNOLOGY

Scrapie and Creutzfeldt-Jakob disease prion proteins share physical properties and antigenic determinants. Bendheim PE, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):997-1001

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from patients with kuru, Creutzfeldt-Jakob disease, and other neurologic diseases. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3485-9

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from chimpanzees with kuru or *Creutzfeldt-Jakob disease; a 62-kDa* neurofilament-associated protein reacts with sera from sheep with natural scrapie. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3894-6

METABOLISM

Alterations in brain gangliosides and other lipids of patients with Creutzfeldt-Jakob disease and subacute sclerosing panencephalitis (SSPE). Ando S, et al. **Jpn J Exp Med** 1984 Dec;54(6):229-34

Creutzfeldt-Jakob disease prion proteins in human brains. Bockman JM, et al. **N Engl J Med** 1985 Jan 10;312(2):73-8

Creutzfeldt-Jakob disease prion proteins in human brains [letter] Manuelidis L. **N Engl J Med** 1985 Jun 20;312(25):1643-5

Specific proteins associated with Creutzfeldt-Jakob disease and scrapie share antigenic and carbohydrate determinants. Manuelidis L, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4263-7

MICROBIOLOGY

Perspectives on prions [news] Masters C. **Nature** 1985 Mar 7-13;314(6006):15-6

[Properties of the causative agent of Creutzfeldt-Jakob disease; current insights into the pathogenesis of dementia] van der Waals FW, et al. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1275-80 **(Dut)**

OCCURRENCE

Familial Creutzfeldt-Jakob disease in Japan. Three cases in a family with white matter involvement. Yamamoto T, et al. **J Neurol Sci** 1985 Jan;67(1):119-30

High incidence of Creutzfeldt-Jakob disease in North African immigrants to France. Cathala F, et al. **Neurology** 1985 Jun;35(6):894-5

[Creutzfeldt-Jakob spongiform encephalopathy. II. Epidemiologic analysis] Mitrová E, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):228-34 **(Slo)**

PATHOLOGY

Neurone loss in the nucleus basalis of Meynert in Creutzfeldt-Jakob disease. Arendt T, et al. **Acta Neuropathol (Berl)** 1984;65(1):85-8

Creutzfeldt-Jakob disease. Manuelidis EE. **J Neuropathol Exp Neurol** 1985 Jan;44(1):1-17

Decontamination of formaldehyde-fixed cerebral tissues of Creutzfeldt-Jakob disease by autoclaving, without the loss of microscopic visual quality [letter] Masters CL, et al. **J Neuropathol Exp Neurol** 1985 May;44(3):304-6

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 38-1985. A 66-year-old man with progressive neurologic deterioration. **N Engl J Med** 1985 Sep 19;313(12):739-48

Ataxic Creutzfeldt-Jakob disease: diagnostic techniques and neuropathologic observations in early disease. Jones HR Jr, et al. **Neurology** 1985 Feb;35(2):254-7

[Viral infections of the central nervous system] Nagara H, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1710-6 **(Jpn)**

[Creutzfeldt-Jakob spongiform encephalopathy. I. Clinicopathologic observations] Drobný M, et al. **Cesk Neurol Neurochir** 1985 Jul;48(4):220-7 (Eng. Abstr.) **(Slo)**

[Creutzfeldt-Jakob disease: report of a case (letter)] Sánchez E, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):123 **(Spa)**

PHYSIOPATHOLOGY

Serial waking-sleep EEGs and evolution of somatosensory potentials in Creutzfeldt-Jakob disease. Calleja J, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):504-8

RADIOGRAPHY

Computed tomography findings in 15 cases of Creutzfeldt-Jakob disease with histological verification. Gálvez S, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov;47(11):1244-6

TRANSMISSION

A case-control study of Creutzfeldt-Jakob disease. Dietary risk factors. Davanipour Z, et al. **Am J Epidemiol** 1985 Sep;122(3):443-51

Experimental transmission of an autosomal dominant spongiform encephalopathy: does the infectious agent originate in the human genome? Baker HF, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):299-302

Creutzfeldt-Jakob disease [letter] Matthews WB. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):483

Rational management of patients with 'exotic' infectious diseases. Dannis DC. **J Hosp Infect** 1984 Dec;5 Suppl A:107-9

Virus sterility for human growth hormone [letter] Brown P. **Lancet** 1985 Sep 28;2(8457):729-30

Potential epidemic of Creutzfeldt-Jakob disease from human growth hormone therapy. Brown P, et al. **N Engl J Med** 1985 Sep 19;313(12):728-31

Possible modes of transmission of Creutzfeldt-Jakob disease [letter] Davanipour Z, et al. **N Engl J Med** 1984 Dec 13;311(24):1582-3

Clinical and pathological features and laboratory confirmation of Creutzfeldt-Jakob disease in a recipient of pituitary-derived human growth hormone. Gibbs CJ Jr, et al. **N Engl J Med** 1985 Sep 19;313(12):734-8

Creutzfeldt-Jakob disease in a young adult with idiopathic hypopituitarism. Possible relation to the administration of cadaveric human growth hormone. Koch TK, et al. **N Engl J Med** 1985 Sep 19;313(12):731-3

Possible modes of transmission of Creutzfeldt-Jakob disease [letter] Tsai TF. **N Engl J Med** 1985 Apr 4;312(14):922-3

[Growth hormone and Creutzfeldt-Jakob disease (letter)] Steendijk R, et al. **Ned Tijdschr Geneeskd** 1985 Jun 8; 129(23):1101-2 **(Dut)**

JANSKY-BIELSCHOWSKY DISEASE see **NEURONAL CEROID-LIPOFUSCINOSIS**

JAPANESE AMERICANS see **ASIAN AMERICANS**

JAUNDICE

Anicteric presentation of fatal herpetic hepatitis in pregnancy. Goyert GL, et al. **Obstet Gynecol** 1985 Apr; 65(4):585-8

BLOOD

Bilirubin analysis--the state of the art and future prospects. Wu TW. **Clin Biochem** 1984 Aug;17(4):221-9 (61 ref.)

Antithrombin III, plasminogen and alpha 2 antiplasmin in jaundice. Clinical usefulness and prognostic significance. Rodzynek JJ, et al. **Gut** 1984 Oct;25(10):1050-6

Effects of phenobarbital on bilirubin metabolism and its response to phototherapy in the jaundiced Gunn rat. Cohen AN, et al. **Hepatology** 1985 Mar-Apr;5(2):310-6

The fundamental factor determining the clinical prognosis of prolonged jaundice--relation to the arterial ketone body ratio. Yamamoto M, et al. **Jpn J Surg** 1985 Jan;15(1):18-22

CHEMICALLY INDUCED

[Chronic fatal vitamin A poisoning with hemolytic anemia] Bürgi W, et al. **Schweiz Med Wochenschr** 1985 Apr 13; 115(15):526-8 (Eng. Abstr.) **(Ger)**

[Azathioprine and its side effects] Montag H. **Z Hautkr** 1984 Dec 1;59(23):1600-7 (Eng. Abstr.) **(Ger)**

[Hepato-biliary complications of estro-progestin therapy] Turco D. **Ann Osp Maria Vittoria Torino** 1983 Jul-Dec; 26(7-12):326-39 (Eng. Abstr.) **(Ita)**

[A rare cause of jaundice in pregnancy] Bohuš O, et al. **Cesk Gynekol** 1985 Mar;50(2):88-93 (Eng. Abstr.) **(Slo)**

COMPLICATIONS

The influence of preoperative jaundice, biliary drainage and age on postoperative morbidity and mortality after pancreatoduodenectomy and total pancreatectomy. Snellen JP, et al. **Neth J Surg** 1985 Jun;37(3):83-6

[Hypoglycemia, jaundice and shock complicating relapsing fever] Alkan M, et al. **Harefuah** 1984 Jun 1;106(11):508-9 (Eng. Abstr.) **(Heb)**

CONGENITAL

Congenital jaundice in rats due to the absence of hepatic bilirubin UDP-glucuronyltransferase enzyme protein. Scragg I, et al. **FEBS Lett** 1985 Apr 8;183(1):37-42

Bilirubin metabolism and congenital jaundice. Gollan JL, et al. **Hosp Pract [Off]** 1985 Feb 15;20(2):83-7, 90, 92-3 passim (9 ref.)

DIAGNOSIS

Approach to the jaundiced patient. Diagnosis and treatment. Burcharth F. **Ann Radiol (Paris)** 1985;28(2):170-4

Computer-aided selection of diagnostic tests in jaundiced patients. Saint-Marc Girardin MF, et al. **Gut** 1985 Sep; 26(9):961-7

Differential diagnosis of jaundice: a pocket diagnostic chart. Matzen P, et al. **Liver** 1984 Dec;4(6):360-71

[Clinical and diagnostic value of determining bile pigments] Tsirkina AS. **Lab Delo** 1984;(9):569-71 (7 ref.) (Eng. Abstr.) **(Rus)**

ETIOLOGY

Gilbert's syndrome as a cause of postoperative jaundice. Taylor S. **Anaesthesia** 1984 Dec;39(12):1222-4

Recurrent jaundice caused by recurrent hyperemesis gravidarum. Larrey D, et al. **Gut** 1984 Dec;25(12):1414-5

Icterus and anemia in a young black child. Mullen N. **Hosp Pract [Off]** 1985 Jul 15;20(7):44-5, 48

Delayed onset of prolonged jaundice in infectious mononucleosis with a normal alkaline phosphatase [letter] Gould SR, et al. **J Clin Gastroenterol** 1985 Apr;7(2):187

Jaundice complicating urinary tract infection in childhood. Hamdan JM, et al. **Pediatr Infect Dis** 1985 Jul-Aug; 4(4):418-9

Acute renal failure and jaundice associated with Epstein-Barr virus infection. Tishler M, et al. **South Med J** 1985 Jul; 78(7):889-90

[Liver shock and encephalopathy in an amateur runner] Larsen JC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):23-4 (Eng. Abstr.) **(Dan)**

[Hepatic transplant icterus. Ischemia or rejection] Benichou J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb; 20(1):63-4 **(Fre)**

[Icterus disclosing pancreatic involvement in idiopathic hypereosinophilic syndrome] Eugène C, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):966-9 (Eng. Abstr.) **(Fre)**

[Severe jaundice with fatal outcome in pregnancy] Gétin Y, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):517-22 (Eng. Abstr.) **(Fre)**

[Severe ileus and icterus following heterotopic autotransplantation of the spleen. Case report] Bergmann J, et al. **Chirurg** 1985 Feb;56(2):123-4 **(Ger)**

[Comatose tuberculous meningoencephalitis, rifampin-induced jaundice and myeloradiculoneuritis (case report)] Ispas TL, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):181-7 (Eng. Abstr.) **(Rum)**

METABOLISM

Penetration of bilirubin into the brain in albumin-deficient and jaundiced rats (AJR) and Nagase analbuminemic rats (NAR). Takahashi M, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1705-12

[Changes in concentration and net flux of electrolytes in solutions instilled into the stomach of jaundiced rats under restraint stress: existence of an autoregulation] Ohashi H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):653-61 (Eng. Abstr.) **(Jpn)**

MORTALITY

Survival after jaundice: a prospective study of 1000 consecutive cases. Malchow-Møller A, et al. **Scand J Gastroenterol** 1985 Mar;20(2):155-62

PATHOLOGY

Evidence against an abnormal hepatic microsomal lipid matrix as the primary genetic defect in the jaundiced Gunn rat. Whitington PF, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):774-8

PHYSIOPATHOLOGY

Tubular dysfunction in the deeply jaundiced patient with hepatorenal syndrome. Rector WG Jr, et al. **Hepatology** 1985 Mar-Apr;5(2):321-6

SURGERY

[Prosthetic shunts in the treatment of neoplastic jaundice] Kron B, et al. **Chirurgie** 1984;110(8-9):693-9 (Eng. Abstr.) **(Fre)**

VETERINARY

Eperythrozoon ovis and copper poisoning as causes of jaundice in lamb carcases. Archer JF, et al. **Aust Vet J** 1984 Oct;61(10):312-3

Beta hemolytic streptococcal infection in red foxes (Vulpes vulpes L.) in France: the natural disease and experimental studies. Barrat J, et al. **J Wildl Dis** 1985 Apr;21(2):141-3

Icterus-haemoglobinuria in calves [letter] Savey M. **Vet Rec** 1984 Oct 20;115(16):419

JAUNDICE, CHOLESTATIC see **CHOLESTASIS**

JAUNDICE, CHOLESTATIC, EXTRAHEPATIC see **BILE DUCT OBSTRUCTION, EXTRAHEPATIC**

JAUNDICE, CHOLESTATIC, INTRAHEPATIC see **CHOLESTASIS, INTRAHEPATIC**

JAUNDICE, CHRONIC IDIOPATHIC

Infantile hepatic cholestasis with maternal Dubin-Johnson syndrome. Cotton DB. **South Med J** 1984 Sep;77(9):1213-4

DIAGNOSIS

The nicotinic acid test in constitutional conjugated hyperbilirubinemias and effects of corticosteroid. Ohkubo H, et al. **Hepatology** 1984 Nov-Dec;4(6):1206-8

METABOLISM

[Dubin-Johnson syndrome. Enzyme histochemical study of the liver] Ninci CM, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1982;40(3-4):45-53 (Eng. Abstr.) **(Spa)**

JAUNDICE, HEMOLYTIC see **ANEMIA, HEMOLYTIC**

JAUNDICE, NEONATAL

BLOOD

Effect of hyperbilirubinaemia on the plasma protein binding of chlorophenoxyisobutyric acid in neonates. Barré J, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:26-9

Serum bile acids and their conjugates in breast-fed infants with prolonged jaundice. Tazawa Y, et al. **Eur J Pediatr** 1985 May;144(1):37-40

A new bed side technique of bilirubin estimation. Guha DK, et al. **Indian Pediatr** 1984 Jun;21(6):447-51

Transcutaneous bilirubinometry in Malay, Chinese and Indian term neonates. Boo Nem Yun, et al. **Med J Malaysia** 1984 Mar;39(1):35-7

Transcutaneous bilirubinometry: a comparison of old and new methods. Schumacher RE, et al. **Pediatrics** 1985 Jul; 76(1):10-4

Cord plasma alpha-fetoprotein values and neonatal jaundice. Tan KL, et al. **Pediatrics** 1984 Dec;74(6):1065-8

Rapid fluorometric assay of bilirubin binding parameters in newborn infants. Banagale RC. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):99-120

Influence of maternal antibody anti-Jra on the baby: a case report and pedigree chart. Takabayashi T, et al. **Tohoku J Exp Med** 1985 Jan;145(1):97-101

[Neonatal cholestasis in non-conjugated and conjugated hyperbilirubinemia] Jirsová V, et al. **Cesk Pediatr** 1984 Nov;39(11):640-2 (Eng. Abstr.) **(Cze)**

[Transcutaneous bilirubin determination: correlation in white premature infants weighing less than 1500 gm] Amato M, et al. **Schweiz Med Wochenschr** 1985 Jul 9;115(27-28):937-8 (Eng. Abstr.) **(Fre)**

[Alpha-1-antitrypsin deficiency causing liver damage in young infants] Korányi G. **Orv Hetil** 1985 Feb 17; 126(7):401-3 (Eng. Abstr.) **(Hun)**

[Serum alpha fetoprotein patterns in the newborn with indirect hyperbilirubinemia] László V, et al. **Orv Hetil** 1985 Mar 3;126(9):507-8, 511-4 (Eng. Abstr.) **(Hun)**

[Bronze baby syndrome. Report of 2 cases and re-evaluation of the problem] Ramos JL, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):76-80 (Eng. Abstr.) **(Por)**

[Preliminary study in Mexico on the use of the transcutaneous bilirubinometer] Romo-Pinales J, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):536-8 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Oxytocin and neonatal hyperbilirubinemia. Studies of bilirubin production. Johnson JD, et al. **Am J Dis Child** 1984 Nov;138(11):1047-50

Neonatal hyperbilirubinemia in oxytocin augmented labour. Hamad SA, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):69-73

Effects of oxytocin-induction of labor on neonatal hyperbilirubinemia. Davis GH. **J Am Osteopath Assoc** 1984 Dec;84(4):365-7

Intrapartum infusion of oxytocin and glucose water and neonatal jaundice. Singhi SC, et al. **West Indian Med J** 1984 Jun;33(2):80-3

[Toxic hemolytic anemia in the newborn infant following ingestion of a phenazone derivative (Cibalgin) via breast milk] Frei H, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb; 189(1):11-2 (Eng. Abstr.) **(Ger)**

[Effects of tocolytic therapy with ritodrine on the occurrence of neonatal hyperbilirubinemia] Gemelli M, et al. **Minerva Pediatr** 1985 Feb 28;37(4):207-9 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Relationship of serum bilirubin levels to ototoxicity and deafness in high-risk low-birth-weight infants. de Vries LS, et al. **Pediatrics** 1985 Sep;76(3):351-4

[Long-term effects of neonatal medium-degree hyperbilirubinemia on brainstem evoked potentials] Pallotta R, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):273-5 (Eng. Abstr.) **(Ita)**

[Developmental diseases of the central nervous system caused by neonatal hyperbilirubinemia] Robles Vizcaíno C. **An Esp Pediatr** 1984 Nov 30;21(8):715-24 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Transcutaneous bilirubin measurement in evaluating neonatal jaundice among Saudi newborns. Taha SA, et al. **Ann Trop Paediatr** 1984 Dec;4(4):229-31

Neonatal transcutaneous bilirubinometry. Strange M, et al. **Clin Perinatol** 1985 Feb;12(1):51-62

Neonatal cholestatic jaundice with Klebsiella septicemia. Kishan J, et al. **Indian Pediatr** 1984 Nov;21(11):865-8

Gamma-glutamyl transpeptidase activity and its serial measurement in differentiation between extrahepatic biliary atresia and neonatal hepatitis. Fung KP, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):208-13

Use of noninvasive tests to predict significant jaundice in full-term infants: preliminary studies. Smith DW, et al. **Pediatrics** 1985 Feb;75(2):278-80

[The reliability of transcutaneous bilirubin measurement: a clinical study with statistical data and literature review] Derksen-Samsom JF, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):181-6 **(Dut)**

[Icterus in a neonate disclosing an adrenal hematoma] Blanc JF, et al. **Ann Pediatr (Paris)** 1985 May;32(5):457-60 (Eng. Abstr.) **(Fre)**

[Evaluation of transcutaneous bilirubinometry in newborn infants] Fabris C, et al. **Minerva Pediatr** 1984 Jun 15; 36(11):565-70 (Eng. Abstr.) **(Ita)**

[Jaundice in infants after the 2d week of life] Hansen TW. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1913-5 (Eng Abstr.) **(Nor)**

[Ultrasonic percutaneous transhepatic gallbladder puncture. An alternative method to cholangiography] Stake G. **Tidsskr Nor Laegeforen** 1985 Jan 10;105(1):36-8 (Eng. Abstr.) **(Nor)**

DRUG THERAPY

[Enzyme inductive effect of zixoryn (3-trifluoromethyl-alpha-ethyl-benzhydrol) in neonatal jaundice] Korányi G, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):99-101 (Eng. Abstr.) **(Ger)**

[Effect of riboflavin (vitamin B2) on the serum bilirubin level in neonatal jaundice requiring exchange transfusion] Pataki L, et al. **Orv Hetil** 1984 Nov 4;125(45):2733-5 (Eng. Abstr.) **(Hun)**

[Aspartofort in the treatment of jaundice in premature infants] Hurgoiu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Apr-Jun;34(2):189-92 **(Rum)**

ETIOLOGY

Hyperbilirubinemia in breast-versus formula-fed infants in the first six weeks of life: relationship to weight gain. Hall RT, et al. **Am J Perinatol** 1983 Oct;1(1):47-51

Effect of maternal parasitic disease on the neonate. Stratton JA, et al. **Am J Reprod Immunol Microbiol** 1985 Aug; 8(4):141-2

Intrapartum infusion of aqueous glucose solution, transplacental hyponatraemia and risk of neonatal jaundice. Singhi S, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):1014-8

Ward design and neonatal jaundice in the tropics: report of an epidemic. Barss P, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):400-1

Incidence of hyperbilirubinemia in breast- vs. formula-fed infants. Adams JA, et al. **Clin Pediatr (Phila)** 1985 Feb; 24(2):69-73

Foetal loss & family size in neonatal jaundice due to ABO-HDN, G-6-PD deficiency & low birth weight. Gupte SC, et al. **Indian J Med Res** 1984 Aug;80:209-11

Breast feeding and jaundice in the first week of life. Osborn LM, et al. **J Fam Pract** 1985 May;20(5):475-80

Breast-milk jaundice. Brooten D, et al. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):220-3

Free fatty acids in the development of breast milk jaundice. Jalili F, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):435-40

Neonatal jaundice in Pakistan. Arif MA. **J Trop Pediatr** 1984 Aug;30(4):213-6

Bupivacaine alters red blood cell properties: a possible explanation for neonatal jaundice associated with maternal anesthesia. Clark DA, et al. **Pediatr Res** 1985 Apr; 19(4):341-3

Breast-feeding and hyperbilirubinemia in full-term newborn infants [letter] Corchia C, et al. **Pediatrics** 1985 Mar; 75(3):617-8

[Recent studies on the pathogenesis of hyperbilirubinemia and kernicterus] Ballowitz L. **Klin Padiatr** 1985 Mar-Apr; 197(2):167-9 (Eng. Abstr.) **(Ger)**

[Neonatal hyperbilirubinemia (causes, diagnosis and therapy)] Iwańczak F, et al. **Wiad Lek** 1985 Feb 1;38(3):247-54 (Eng. Abstr.) **(Pol)**

[Polycythemia in a newborn infant] Kordyasz E. **Wiad Lek** 1985 May 1;38(9):668-70 (Eng. Abstr.) **(Pol)**

[Correlations between neonatal cholestatic icterus and alpha 1-antitrypsin deficiency] Crețu S, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan-Mar; 34(1):39-44 (Eng. Abstr.) **(Rum)**

[New expectations in bile duct atresia. Features of diagnosis and treatment] Bribiesca-Godoy F, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):404-9 (Eng. Abstr.) **(Spa)**

METABOLISM

Neonatal jaundice: investigation and monitoring. Isherwood DM, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):109-28 (224 ref.)

Metabolic aspects of phototherapy. Wu PY, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):427-33

Immunoreactive thromboxane B2 and 6-keto-prostaglandin F1 alpha in neonatal hyperbilirubinemia. Kääpä P. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):97-105

MORTALITY

Neonatal and infant mortality in relation to phototherapy. Lipsitz PJ, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):422-6

OCCURRENCE

Induction of human labor at term: uterine activity, inducibility, duration and neonatal jaundice. Enkola K, et al. **Acta Physiol Hung** 1985;65(3):281-8

Jaundice in full term healthy neonates--a population study. Clarkson JE, et al. **Aust Paediatr J** 1984 Nov;20(4):303-8

Neonatal jaundice in Eastern Nigeria. Azubuike JC. **J Trop Pediatr** 1985 Apr;31(2):82-4

Epidemiology of neonatal hyperbilirubinemia. Linn S, et al. **Pediatrics** 1985 Apr;75(4):770-4

[Epidemiology of jaundice caused by maternal milk in the province of Milan. Clinical study] Fiocchi A, et al. **Minerva Pediatr** 1985 Apr 30;37(7-8):277-81 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Improvement in auditory and visual evoked potentials in jaundiced preterm infants after exchange transfusion. Chin KC, et al. **Arch Dis Child** 1985 Aug;60(8):714-7

Effects of spectrum, background noise, and stimulation rate on the auditory startle reflex in hyperbilirubinemic rats. Lenhardt ML. **Otolaryngol Head Neck Surg** 1985 Feb; 93(1):30-4

Auditory nerve and brainstem responses in newborn infants with hyperbilirubinemia. Nakamura H, et al. **Pediatrics** 1985 Apr;75(4):703-8

Changes in auditory brainstem responses in hyperbilirubinemic infants before and after exchange transfusion. Nwaesei CG, et al. **Pediatrics** 1984 Nov; 74(5):800-3

[Indicators of cardiac activity in premature infants with hyperbilirubinemia during complex treatment] Levitskaia SK, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):58-61 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Randomized, controlled trial of phototherapy for neonatal hyperbilirubinemia. Executive summary. **Pediatrics** 1985 Feb;75(2 Pt 2):385-6

Efficacy of phototherapy in prevention and management of neonatal hyperbilirubinemia. Brown AK, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):393-400

Randomized, controlled trial of phototherapy for neonatal hyperbilirubinemia. Development, design, and sample composition. Bryla DA. **Pediatrics** 1985 Feb;75(2 Pt 2):387-92

Effect of phototherapy on albumin binding of bilirubin. Gartner LM, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):401-6

Comparison of phototherapy results in small-for-gestational-age and appropriate-for-gestational-age infants weighing less than 2,000 grams. Hodgman JE, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):413-6

Phototherapy for hyperbilirubinemia of hemolytic disease of the newborn. Maurer HM, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):407-12

[Pharmacokinetics of injectable phenobarbital in the premature infant. Study of a new lyophilized form] Kossmann JC, et al. **Arch Fr Pediatr** 1985 Apr;42(4):317-20 (Eng. Abstr.) **(Fre)**

PSYCHOLOGY

Effects of neonatal hyperbilirubinemia on Token Test performance of six-year-old children. Lenhardt ML. **J Aud Res** 1983 Jul;23(3):195-204

THERAPY

Exchange transfusion with fresh heparinized blood is a safe procedure. Experiences from 1 069 newborns. Hovi L, et al. **Acta Paediatr Scand** 1985 May;74(3):360-5

Postnatal decline in pyridoxal phosphate and riboflavin. Accentuation by phototherapy. Rudolph N, et al. **Am J Dis Child** 1985 Aug;139(8):812-5

Serum bilirubin kinetics in intermittent phototherapy of physiological jaundice. Lau SP, et al. **Arch Dis Child** 1984 Sep;59(9):892-4

Phototherapy for neonatal hyperbilirubinaemia [letter] Parida SM, et al. **Arch Dis Child** 1984 Sep;59(9):902-3

Effects of different ways of covering the eyes on behavior of jaundiced infants treated with phototherapy. Paludetto R, et al. **Biol Neonate** 1985;47(1):1-8

Effect of preventive phenobarbital treatment on the duration of phototherapy in low birth weight icteric twins. Gouyon JB, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:190-3

The distribution of radiant power in a phototherapy unit equipped with a metal halide lamp. Eggert P, et al. **Eur J Pediatr** 1985 Jan;143(3):224-5

Neonatal hyperbilirubinemia. Ophthalmological evaluation of term infants treated with phototherapy. Khanna VK, et al. **Indian Pediatr** 1984 Sep;21(9):713-7

Cockington nomogram as a guide to phototherapy in the management of neonatal hyperbilirubinemia: evaluation in Indian neonates. Mohapatra SS, et al. **Indian Pediatr** 1984 Mar;21(3):229-33

Double versus single surface phototherapy in neonatal hyperbilirubinemia. Sharma SK, et al. **Indian Pediatr** 1985 Mar;22(3):235-9

Changes in visual functions of children exposed as infants to prolonged illumination. Abramov I, et al. **J Am Optom Assoc** 1985 Aug;56(8):614-9

Effect of spectral distribution on isomerization of bilirubin in vivo. Costarino AT Jr, et al. **J Pediatr** 1985 Jul; 107(1):125-8

Lactose malabsorption is not a cause of diarrhea during phototherapy. Bujanover Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):196-8

Phototherapy for neonatal jaundice: in vivo clearance of bilirubin photoproducts. Ennever JF, et al. **Pediatr Res** 1985 Feb;19(2):205-8

Urinary excretion of an isomer of bilirubin during phototherapy. Knox I, et al. **Pediatr Res** 1985 Feb; 19(2):198-201

American Academy of Pediatrics. Committee on Fetus and Newborn. Home phototherapy. **Pediatrics** 1985 Jul; 76(1):136-7

National Institute of Child Health and Human Development randomized, controlled trials of phototherapy for neonatal hyperbilirubinemia. **Pediatrics** 1985 Feb;75(2 Pt 2):385-441

Bilirubin photoisomerization in premature neonates under low- and high-dose phototherapy. Costarino AT, et al. **Pediatrics** 1985 Mar;75(3):519-22

Stop home phototherapy [letter] DeLoache WR. **Pediatrics** 1985 May;75(5):987-8

Morbidity and mortality associated with exchan transfusion. Keenan WJ, et al. **Pediatrics** 1985 Feb;75(2 2):417-21

'Like a shrivelled blood orange'--bilirubin, jaundice, ar phototherapy. McDonagh AF, et al. **Pediatrics** 1985 Ma 75(3):443-55 (66 ref.)

Beginning to see the light. Maise MJ. **Pediatrics** 1985 Ap 75(4):792-5

A believer in phototherapy [letter] Rosenbaum RJ. **Pediatrics** 1984 Oct;74(4):571

Skin optics and phototherapy of jaundice. Pratesi R, et a **Photochem Photobiol** 1984 Jul;40(1):77-83

Threshold for initiation of phototherapy in infants wit non-haemolytic hyperbilirubinaemia. Argent AC, et al. **S Afr Med J** 1985 Aug 3;68(3):153-5

[Icterus of the newborn infant: a stubborn problem] de Groo CJ, et al. **Ned Tijdschr Geneeskd** 1984 Aug 2 128(34):1610-4 **(Du**

[Calculation of the effect of phototherapy with reference t different radiation variants. II. Prognostic evaluation of th effect of phototherapy by intermittent and continuou phototherapy] Berck A, et al. **Kinderarztl Prax** 1985 May 53(5):229-34 (Eng. Abstr.) **(Ge**

[Calculation of the effect of phototherapy with reference t different irradiation variants. I. Effect of therapy mode o the photoeffect] Jährig D, et al. **Kinderarztl Prax** 1985 Ap 53(4):171-5 (Eng. Abstr.) **(Ge**

[Water loss through the skin and rectal temperature unde phototherapy with a doped halide radiating lamp Stornowski C, et al. **Klin Padiatr** 1984 Nov-Dec 196(6):375-7 (Eng. Abstr.) **(Ge**

[Spatial distribution of light intensity with a phototherap halogen lamp] Wiese G, et al. **Monatsschr Kinderheilk** 1985 Feb;133(2):102-5 (Eng. Abstr.) **(Ge**

[Treatment of neonatal jaundice by efficient phototherapy Wiese G. **Z Geburtshilfe Perinatol** 1985 Jan-Feb 189(1):1-10 (Eng. Abstr.) **(Ge**

[Phototherapy in neonatal hyperbilirubinemia and evaluatio of T3, T4 and TSH] Bosco M, et al. **Minerva Pediatr** 198 Jun 30;36(12):611-5 (Eng. Abstr.) **(Ita**

[Effects of phototherapy on weight gain in neonates Silvestro L, et al. **Minerva Pediatr** 1985 Mar 3 37(5-6):217-22 (Eng. Abstr.) **(Ita**

[Use of phototherapy in neonatal jaundice] Karkowski MK **Wiad Lek** 1984 Sep 15;37(18):1430-2 (Eng. Abstr.) **(Pol**

URINE

Determination of urinary tryptophan, 5-hydroxytryptamin and 5-hydroxyindoleacetic acid in neonatal hyperbilirubinaemic infants using reversed-phase high-performance liquid chromatography with fluorescence detection. Iwatani A, et al. **J Chromatogr** 198 Jul 13;309(1):145-50

Identification of 27-nor-5 beta-cholestane-3 alpha,7 alpha,1 alpha,24 xi, 25 xi,26-hexol and partial characterization o the bile alcohol profile in urine. Karlaganis G, et al. **J Lipid Res** 1984 Jul;25(7):693-702

JAUNDICE, OBSTRUCTIVE see **CHOLESTASIS**

JAUNDICE, OBSTRUCTIVE, EXTRAHEPATIC see **BILE DUCT OBSTRUCTION, EXTRAHEPATIC**

JAUNDICE, OBSTRUCTIVE, INTRAHEPATIC see **CHOLESTASIS, INTRAHEPATIC**

JAUNDICE, SPIROCHETAL see **WEIL'S DISEASE**

JAW

see related
DENTAL ARCH
TEMPOROMANDIBULAR JOINT

Jaw wiring in the treatment of morbid obesity Ramsey-Stewart G, et al. **Aust NZ J Surg** 1985 Apr 55(2):163-7

Relationships between jaw pain and jaw muscle contractio level: underlying factors and treatment effectivenes Sherman RA. **J Prosthet Dent** 1985 Jul;54(1):114-8

ANATOMY & HISTOLOGY

Linear evaluation of the development of sagittal ja relationship. Williams S, et al. **Am J Orthod** 1985 Sep 88(3):235-41

Study on the jaw-closing muscle, Adductor mandibulae, o the salmon, Oncorhynchus masou. 1. Fiber types. Maed N, et al. **Anat Anz** 1984;157(2):159-66

Morphological basis of the feeding mechanics in th shingle-back lizard Trachydosaurus rugosus (Scincida Reptilia). Wineski LE, et al. **J Morphol** 1984 Sep 181(3):271-95

BLOOD SUPPLY

Vascular penetration following intraligamental injectio Rawson RD, et al. **J Oral Maxillofac Surg** 1985 Au 43(8):600-4

DRUG EFFECTS

[Tissue changes in the maxillodental system of white rats maintained under the conditions of a phosphorus plant] Ruzuddinov S, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec; 63(6):56-7 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Influence of prenatal jaw function on human facial development. Koskinen-Moffett L, et al. **Birth Defects** 1984;20(3):47-64 (34 ref.)

INJURIES

Torquing of neck and jaw due to belt restraint in whiplash-type accidents [letter] Roydhouse RH. **Lancet** 1985 Jun 8;1(8441):1341

[On the reduction of luxations of the jaw: ancient precedents to the Nélaton maneuver] Marganne-Mélard MH. **Rev Med Liege** 1985 Feb 1;40(3):105-8 **(Fre)**

INNERVATION

A study of jaw reflexes of the awake cat during mastication and locomotion. Lund JP, et al. **Brain Behav Evol** 1984; 25(2-3):146-56

Interaction of periodontal and jaw elevator spindle afferents in the cerebellum--sensory calibration. Taylor A, et al. **Brain Behav Evol** 1984;25(2-3):157-65

Effect of hypoxia on the excitability of two cranial reflexes in unanaesthetized fetal sheep. Walker DW, et al. **J Dev Physiol** 1984 Oct;6(5):387-99

The arm-mouth reflex in a patient with amyotrophic lateral sclerosis [letter] Kuroda Y, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):385-6

Analysis of rhythmical jaw movements produced by electrical stimulation of motor-sensory cortex of rabbits. Lund JP, et al. **J Neurophysiol** 1984 Dec;52(6):1014-29

PATHOLOGY

[Analysis of the research data from orthopantomograms and jaw models in partial anodontia] Agadzhanian SKh. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):74-5 (Eng. Abstr.) **(Rus)**

[Interrelation of orbicularis oris function and anthropometric indices of the maxillodental system in 7- to 12-year-old children with a prognathic deep bite] Kosyreva TF, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):48-51 (Eng. Abstr.) **(Rus)**

[Secondary hyperparathyroidism and pathological changes in the jaws of patients on long-term hemodialysis] Knežević G. **Chir Maxillofac Plast** 1984;14(1):1-12 (Eng. Abstr.) **(Scr)**

PHYSIOLOGY

Variations of the jaw opening reflex observed in awake, freely moving rats. Pajot J, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):309-17

Ca2+ sensitivities and transient tension responses to step-length stretches in feline mechanically-stripped single-fibre jaw-muscle preparations. Kato C, et al. **Arch Oral Biol** 1985;30(5):429-32

Short and long latency jaw-opening reflex responses elicited by mechanical stimulation in man. Yamada Y, et al. **Arch Oral Biol** 1985;30(2):197-200

The effects of anaesthetics and remote noxious stimuli on the jaw-opening reflex evoked by tooth-pulp stimulation in the cat. Clarke RW, et al. **Brain Res** 1985 Feb 18; 327(1-2):105-11

Distribution of the human jaw stretch reflex response elicited by percutaneous, localized stretch of jaw-closing muscles. Smith A, et al. **Exp Neurol** 1985 Jun;88(3):544-61

The cranial mechanism and its dental implications. Libin BM. **Int J Orthod** 1984 Jun-Sep;22(2-3):7-11

A qualitative dynamic analysis of reiterant speech production: phase portraits, kinematics, and dynamic modeling. Kelso JA, et al. **J Acoust Soc Am** 1985 Jan;77(1):266-80

The timing of articulatory gestures: evidence for relational invariants. Tuller B, et al. **J Acoust Soc Am** 1984 Oct; 76(4):1030-6

A model relating patterns of human jaw movement to biomechanical constraints. Baragar FA, et al. **J Biomech** 1984;17(10):757-67

Quantitative calculations of temporomandibular joint reaction forces--II. The importance of the direction of the jaw muscle forces. Throckmorton GS. **J Biomech** 1985; 18(6):453-61

Quantitative calculations of temporomandibular joint reaction forces--I. The importance of the magnitude of the jaw muscle forces. Throckmorton GS, et al. **J Biomech** 1985;18(6):445-52

A He-Ne laser position-detector for recording jaw movements: principle of operation and application in animal experiments. Morimoto T, et al. **J Neurosci Methods** 1984 Aug;11(3):193-8

Jaw, tongue and hyoid movement--a question of synchrony? Discussion paper. Thexton A. **J R Soc Med** 1984 Dec; 77(12):1010-9

Variability of lip and jaw movements in children and adults: implications for the development of speech motor control. Sharkey SG, et al. **J Speech Hear Res** 1985 Mar;28(1):8-15

[The Marcus Gunn phenomenon] Raverdy P, et al. **Rev Neurol (Paris)** 1984;140(12):734-7 (Eng. Abstr.) **(Fre)**

[Localization, physiopathology and functional implications of zinc with special reference to the stomatognathic apparatus. Current approaches and new findings] Picarelli A, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):615-23 (88 ref.) (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

[A case of jaw opening phenomenon associated with basilar artery thrombosis] Nishi K, et al. **No To Shinkei** 1985 Feb; 37(2):127-32 (Eng. Abstr.) **(Jpn)**

[Maxillodental function in acromegaly patients] Eganova TD. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):53-4 (Eng. Abstr.) **(Rus)**

SURGERY

Orthognathic surgery norms for American black patients. Connor AM, et al. **Am J Orthod** 1985 Feb;87(2):119-34

Effects of orthognathic surgery on speech: a prospective study. Dalston RM, et al. **Am J Orthod** 1984 Oct; 86(4):291-8

Patient perceptions of orthognathic surgery. Flanary CM, et al. **Am J Orthod** 1985 Aug;88(2):137-45

The emotional impact of orthognathic surgery and conventional orthodontics. Kiyak HA, et al. **Am J Orthod** 1985 Sep;88(3):224-34

Intermaxillary fixation. Cloutier AM. **Ann Plast Surg** 1984 Nov;13(5):457

Latitude and limitation of midface movements. Freihofer HP. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):393-413

The morbidity of bicoronal flaps in maxillofacial surgery. Shepherd DE, et al. **Br J Oral Maxillofac Surg** 1985 Feb; 23(1):1-8

Facial profile and orthognathic surgery. Hunt NP, et al. **Br J Orthod** 1984 Jul;11(3):126-36

The use of morphanalysis in orthognathic surgery. Thomson ER. **Br J Plast Surg** 1985 Jan;38(1):75-83

Use of durapatite for the rehabilitation of resorbed alveolar ridges. Rothstein SS, et al. **J Am Dent Assoc** 1984 Oct; 109(4):571-4

A lateral photometric analysis for aesthetic-orthognathic treatment. Bütow KW. **J Maxillofac Surg** 1984 Oct; 12(5):201-7

Prevention of tooth decalcification under acrylic splints used in orthognathic surgery. Bell CN. **J Oral Maxillofac Surg** 1985 Aug;43(8):650-1

Use of the orthognathic surgery simulating instrument in the presurgical evaluation of facial asymmetry. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):805-11

Nitroglycerin-controlled circulation in orthognathic surgery. Golia JK, et al. **J Oral Maxillofac Surg** 1985 May; 43(5):342-5

A mini-residency program in orthognathic surgery. Trieger N, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):731-4

Management of a large lingual thyroid in the orthognathic surgery patient. Gallo WJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):344-8

Speech production before and after orthognathic surgery: a review. Ruscello DM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):10-4

A survey of complications in segmental orthognathic surgical procedures. Sher MR. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):537-9

[Use of bioglass ceramic for alloplastic bone replacements in the maxillofacial region. 1. Studies on clinically oriented animal models] Hofmann H, et al. **Zahn Mund Kieferheilkd** 1984;72(6):531-40 (Eng. Abstr.) **(Ger)**

[The long face syndrome] Virag M, et al. **Chir Maxillofac Plast** 1984;14(2-3):101-11 (Eng. Abstr.) **(Scr)**

JAW ABNORMALITIES

COMPLICATIONS

An improved method for treatment of facial asymmetry secondary to jaw deformity. Hall HD. **J Oral Maxillofac Surg** 1984 Oct;42(10):673-9

[Middle ear malformation with normal external meatus; correlation of ossicular anomalies with anomalies of the auricle, jaw and face] Kumakawa K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):30-6 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

[Surgical application of Delaire's cephalometric analysis] Reychler H, et al. **Rev Belge Med Dent** 1984 Aug-Sep; 39(4):142-8 (Eng. Abstr.) **(Fre)**

[Diagnosis of tooth-jaw abnormalities using EDP] Choroschilkina FJ, et al. **Fortschr Kieferorthop** 1985 Jan; 46(1):20-6 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

Autosomal dominant transmission of ankylosed teeth, abnormalities of the jaws, and clinodactyly. A four-generation study. Pelias MZ, et al. **Clin Genet** 1985 May;27(5):496-500

OCCURRENCE

[Statistical study of the incidence of agenesis in a sample of 447 cases of dysgnathia] Bella G, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):609-14 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Congenital malformation: dental features of acardia--case report. Dean D, et al. **J Oral Med** 1985 Jul-Sep;40(3):106-7

SURGERY

Dentofacial reconstruction. Arnet GF, et al. **Am J Nurs** 1984 Dec;84(12):1488-90

The problems of anaesthesia for a neonate with fused jaws [letter] Brown TC, et al. **Anaesthesia** 1985 Jun;40(6):597-8

Speech production before and after orthognathic surgery: a review. Ruscello DM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):10-4

[Nerve damage following the operative correction of jaw abnormalities] Tuinzing DB, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25;128(34):1608-10 **(Dut)**

[Anesthesiological and resuscitation problems in the corrective surgery of jaw malformations] Comelli LF, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):21-6 **(Ita)**

[Modulability of the surgical intervention to correct maxillofacial dysmorphism in light of new interpretive concepts of profile esthetics] Gotte P, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):703-21 (Eng. Abstr.) **(Ita)**

[The long face syndrome] Virag M, et al. **Chir Maxillofac Plast** 1984;14(2-3):101-11 (Eng. Abstr.) **(Scr)**

JAW CYSTS

CLASSIFICATION

Epithelial jaw cysts: 10 years of the WHO classification. Main DM. **J Oral Pathol** 1985 Jan;14(1):1-7 (23 ref.)

Cysts of the jaws: recent advances. Shear M. **J Oral Pathol** 1985 Jan;14(1):43-59 (107 ref.)

DIAGNOSIS

[An unusual adenomatoid odontogenic tumor in the mandible resembling a cyst--a case report] Kuo YS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):429-34 (Eng. Abstr.) **(Chi)**

[Skin changes and jaw cysts--case reports of the basal cell nevus syndrome] Zenk W, et al. **Zahn Mund Kieferheilkd** 1984;72(6):559-65 (Eng. Abstr.) **(Ger)**

ETIOLOGY

[Experimental modeling of cystic formations of the jaws] Min'kov SA, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr; 64(2):14-7 (Eng. Abstr.) **(Rus)**

METABOLISM

A biochemical study of the nature of jaw cysts (II). The role of lipids in the enlargement of cysts. Suzuki M. **J Maxillofac Surg** 1984 Oct;12(5):213-24

RADIOGRAPHY

Phantom cysts. Fisher FJ. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):628-9

[Roentgenologic differential diagnosis of jaw cysts] Düker J. **Radiologe** 1984 Dec;24(12):537-46 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of cystic and cystic-like lesions of the jaw] Herzog M, et al. **ROFO** 1985 Aug;143(2):159-65 (Eng. Abstr.) **(Ger)**

SURGERY

The median mandibular cyst and its endodontic significance. Tenca JI, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep; 60(3):316-21

[Surgical treatment of jaw cysts] Wenger B. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):308-15 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Ultrastructure of odontogenic jaw cysts. Meurman JH, et al. **Scand J Dent Res** 1984 Dec;92(6):577-86

JAW DISEASES

Osteomyelitis of the jaws: a review of 141 cases. Adekeye EO, et al. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):24-35

BLOOD

[Blood rheological disorders in patients with maxillofacial phlegmon and their correction] Karandashov VI. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):32-5 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

[Membrane transport research in a lesion of the maxillodental system caused by yellow phosphorus] Ruzuddinov S. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):11-3 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Fibro-osseous lesions of the jaws. Waldron CA. **J Oral Maxillofac Surg** 1985 Apr;43(4):249-62

[Nosological picture of giant cell lesions of the jaw bones. A review of the literature. Personal observations. A proposed classification] Gandolfo S, et al. **Minerva Stomatol** 1985 May-Jun;34(3):503-10 (59 ref.) (Eng. Abstr.) **(Ita)**

[Clinical review of the jaw cysts--special reference to the primordial cyst] Enomoto S. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):619-26 **(Jpn)**

DIAGNOSIS

Diagnosis of radiolucent lesions of the jaw by fine needle aspiration biopsy. Ramzy I, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):419-24

Diagnosis and treatment of jaw tumors in children. Chuong R, et al. **J Oral Maxillofac Surg** 1985 May;43(5):323-32

Giant monostotic fibrous dysplasia of the jaws. Otu AA. **J R Coll Surg Edinb** 1985 Apr;30(2):126-8

Fibrous dysplasia of bone and concomitant dysplastic changes in the dentin. Wannfors K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):394-8

[Peripheral giant cell granuloma: clinicopathological study and case report] Brabant PM, et al. **Rev Belge Med Dent** 1984 Jun-Jul;39(3):92-6 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

[Clinical studies on TMS-19-Q.O tablets, the preparation of a new macrolide antibiotic, in the field of oral surgery] Sasaki J, et al. **Jpn J Antibiot** 1985 Mar;38(3):615-33 (Eng. Abstr.) **(Jpn)**

[Use of a chloracetophos ointment in the combined treatment of acute odontogenic inflammatory processes of the maxillofacial area] Khamitov FS, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):35-7 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

[A case of familially associated cherubism, centro-osseous giant cell granulomas and giant cell tumors of the jaws] Wechsler J, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(4):337-40 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

[Serum immunoglobulin content of patients with inflammatory diseases of the maxillofacial area] Shcherbatiuk DI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct; 63(5):37-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Prostaglandin synthesis in dental cysts. Matejka M, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):190-4

MICROBIOLOGY

Actinomycosis of the jaws. 2 case reports. Benoliel R, et al. **Int J Oral Surg** 1985 Apr;14(2):195-9

[The clinical isolates from odontogenic infections and their antibiotic susceptibilities] Sasaki J, et al. **Kansenshogaku Zasshi** 1985 Mar;59(3):289-302 (Eng. Abstr.) **(Jpn)**

[Bacterial microflora in acute suppurative odontogenic diseases of the maxillofacial area] Bazhanov NN, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):31-2 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Inherent problems in osteoradionecrosis of the jaws] Lolli R, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):99-102 (Eng. Abstr.) **(Ita)**

[Soft-tissue inflammatory infiltrates of varying etiology in the maxillofacial area in children] Roginskii VV, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):43-6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Intradental lesions and their reversal in a patient being treated for end-stage renal disease. Hutton CE. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):258-61

A follow-up study of apicoectomized teeth with total loss of the buccal bone plate. Skoglund A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):78-81

[Regeneration of the bony cavities remaining after interventions on the jaws for osteolytic areas. Our clinical experience] Bucci E, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):415-26 (Eng. Abstr.) **(Ita)**

[Dynamic assessment of the reactivity of the body in patients with maxillofacial phlegmons] Kulikova VS, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):25-7 (Eng. Abstr.) **(Rus)**

[Characteristics of the blood supply and oxygenation of the skin in maxillofacial phlegmon] Sudorgin SS. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):27-9 (Eng. Abstr.) **(Rus)**

SURGERY

The conservative management of large odontogenic keratocysts. Eyre J, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):195-203

Transtracheal ventilation in anaesthesia for those unable to open the mouth. Layman PR. **Trop Doct** 1984 Oct; 14(4):163-5

[Information, errors and dangers in oro-maxillo-facial surgery. Detection and treatment] **Fortschr Kiefer Gesichtschir** 1985;30:1-196 **(Ger)**

[Preoperative information to the patient before maxillary surgery interventions based on a standardized procedure] Aderhold L, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:15-8 **(Ger)**

[Operative treatment of patients at risk] Ahrberg W, et al. **Fortschr Kiefer Gesichtschir** 1985;30:24-6 **(Ger)**

[Prevention of complications in myocutaneous pectoralis flaps] Fritzemeier CU, et al. **Fortschr Kiefer Gesichtschir** 1985;30:164-6 **(Ger)**

[Morphologic studies on the problem of scar formation in the oro-maxillo-facial region] Hartmann N, et al. **Fortschr Kiefer Gesichtschir** 1985;30:78-9 **(Ger)**

[Legal decisions in iatrogenic damage in oro-maxillo-facial surgery] Horch HH. **Fortschr Kiefer Gesichtschir** 1985; 30:18-22 **(Ger)**

[Legal decisions in surgery-induced nerve lesions of the maxillofacial area] Machtens E, et al. **Fortschr Kiefer Gesichtschir** 1985;30:22-4 **(Ger)**

[Problems in free tissue transplantation with microsurgical revascularization] Reuther J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:158-60 **(Ger)**

[Staged informing of the patient in oro-maxillo-facial surgery] Schwenzer N. **Fortschr Kiefer Gesichtschir** 1985; 30:11-5 **(Ger)**

[Experiences with an industrially prepared, fully balanced domestic tube-diet (Nutrodrip) in comparison with usual clinical kitchen tube feeding in postoperative nutrition of jaw surgery patients] Stoll P, et al. **Infusionsther Klin Ernahr** 1985 Apr;12(2):92-6 (Eng. Abstr.) **(Ger)**

THERAPY

Hyperbaric oxygen treatment of chronic osteomyelitis of the jaws. Van Merkesteyn JP, et al. **Int J Oral Surg** 1984 Oct; 13(5):386-95

Use of hyperbaric oxygen [letter] Schwartz HC. **J Oral Maxillofac Surg** 1984 Nov;42(11):697

[The healing of suppurative wounds of the maxillofacial area in the middle-aged and elderly] Grigorchuk IuF. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):29-31 (Eng. Abstr.) **(Rus)**

[Effectiveness of transfusion therapy and the clinico-biochemical examination of patients with maxillofacial phlegmon] Kulikova VS, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):31-2 (Eng. Abstr.) **(Rus)**

[Action of UV irradiation on wound healing after incising maxillofacial phlegmons] Nanuev SI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):43-5 (Eng. Abstr.) **(Rus)**

VETERINARY

Micronema deletrix infection in a Shetland pony stallion. Keg PR, et al. **Equine Vet J** 1984 Sep;16(5):471-5

JAW, EDENTULOUS

Geronto-anatomical aspects of the buccinator muscle in prosthetic stomatology. Pragai G. **Anat Anz** 1985; 158(2):159-67

Fractures of the facial skeleton in the edentulous patient. Zachariades N, et al. **J Maxillofac Surg** 1984 Dec; 12(6):262-6

An alternative method for recording the occlusion of the edentulous patient during the construction of replacement dentures. Duthie N, et al. **J Oral Rehabil** 1985 Mar; 12(2):161-71

Denture plaque control and inflammation in the edentulous patient. Chamberlain BB, et al. **J Prosthet Dent** 1985 Jul; 54(1):78-81

COMPLICATIONS

Relation between dentition and dyspeptic disorders. Sircus W, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):115

[Resorption of bone tissue in the edentulous alveolar ridge] Dana F, et al. **Minerva Stomatol** 1984 Nov-Dec; 33(6):1003-6 (Eng. Abstr.) **(Ita)**

ETIOLOGY

The loss of the remaining natural teeth. Linden G. **J Dent** 1985 Jun;13(2):132-9

OCCURRENCE

Prosthetic status and needs of the elderly in Quebec. Simard PL, et al. **Can Dent Assoc J** 1985 Jan;51(1):79-81

Periodontal disease, tooth loss, and oral hygiene among older Americans. Burt BA, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):93-6

Frequency and suppliers of removable dentures in Finland in 1983. Laine P, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):47-50

The prevalence of edentulism and diseases related to dentures--a literature review. MacEntee MI. **J Oral Rehabil** 1985 May;12(3):195-207 (82 ref.)

PATHOLOGY

The reaction of edentulous oral mucosa to prolonged denture retention. Goss AN, et al. **Aust Dent J** 1984 Jun; 29(3):168-71

The myelinated fibre content of human inferior alveolar nerves from dentate and edentulous subjects. Heasman PA. **J Dent** 1984 Dec;12(4):283-6

Observations on the histologic features of the human edentulous ridge. Part II: Connective tissue. Krajicek DD, et al. **J Prosthet Dent** 1984 Nov;52(5):682-7

Observations on the histologic features of the human edentulous ridge. Part I: Mucosal epithelium. Krajicek DD, et al. **J Prosthet Dent** 1984 Oct;52(4):526-31

Observations on the histologic features of the human edentulous ridge. Part III: Bone. Krajicek DD, et al. **J Prosthet Dent** 1984 Dec;52(6):836-43

A cephalometric method to determine the angulation of the occlusal plane in edentulous patients. Monteith BD. **J Prosthet Dent** 1985 Jul;54(1):81-7

REHABILITATION

The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge. Golds L. **J Dent** 1985 Jun;13(2):91-101

Vertical dimension record: a three dimensional phenomenon. Part I. Silverman SI. **J Prosthet Dent** 1985 Mar;53(3):420-5

SURGERY

Hydroxyapatite augmentation of edentulous ridges. Alling CC. **J Prosthet Dent** 1984 Dec;52(6):828-31

THERAPY

[Use of the Preci-Line anchoring device in the class 2A, 2A/1 and 2B partially edentulous mouth] Tóth J, et al. **Fogorv Sz** 1985 Feb;78(2):46-9 (Eng. Abstr.) **(Hun)**

JAW, EDENTULOUS, PARTIALLY

Number of teeth and tooth loss of former dental school patients. Follow-up study after 10-17 years. Halse A, et al. **Acta Odontol Scand** 1985 Mar;43(1):25-9

COMPLICATIONS

Association between tooth loss and TMJ dysfunction. Kirveskari P, et al. **J Oral Rehabil** 1985 May;12(3):189-94

[Mechanism of the formation of maxillodental deformities following the partial loss of teeth] Krishtab SI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):60-1 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Number of teeth and proximal periodontal bone height in relation to social factors. Halling A, et al. **Swed Dent J** 1984;8(4):183-91

OCCURRENCE

Frequency and suppliers of removable dentures in Finland in 1983. Laine P, et al. **Community Dent Oral Epidemiol** 1985 Feb;13(1):47-50

Periodontal conditions, remaining teeth and oral hygiene habits in a group of Vietnamese refugees in Norway. Selikowitz HS, et al. **J Clin Periodontol** 1985 Jan; 12(1):42-50

Oral health status in the United States: tooth loss and edentulism. Weintraub JA, et al. **J Dent Educ** 1985 Jun; 49(6):368-78

PATHOLOGY

Preliminary study of mandibular shape after tooth loss. Lavelle CL. **J Prosthet Dent** 1985 May;53(5):726-30

PHYSIOPATHOLOGY

Management of loading forces on mandibular distal-extension prostheses. Part II. Classification for matching modalities to clinical situations. Monteith BD. **J Prosthet Dent** 1984 Dec;52(6):832-6

Stabilized baseplate technique for interocclusal records. Ziebert GJ, et al. **J Prosthet Dent** 1984 Oct;52(4):606-8

[Relations of the shape of the face, jaws, tooth reduction and the incidence of caries] Distel' VA, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):19-20 (Eng. Abstr.) **(Rus)**

REHABILITATION

Diagnosis and management of partially edentulous cases with a minimal number of remaining teeth. Landa LS. **Dent Clin North Am** 1985 Jan;29(1):3-16

The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge. Golds L. **J Dent** 1985 Jun;13(2):91-101

Prosthetic contingencies for future tooth loss. Kaldahl WB, et al. **J Prosthet Dent** 1985 Jan;53(1):1-6

Successful integration of fixed and removable prosthodontics. Seals RR Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):763-6

[Anterior tooth loss in juvenile dentition. Therapeutic possibilities from the viewpoint of the prosthodontist] Holste T. **Dtsch Zahnarztl Z** 1984 Jun;39(6):430-2 (Eng. Abstr.) **(Ger)**

SURGERY

The posterior segmental maxillary osteotomy: recent applications. Moloney F, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):771-81

[Anterior tooth loss in juvenile dentition: therapeutic possibilities via implants] Scholz F, et al. **Dtsch Zahnarztl Z** 1984 Jun;39(6):416-24 (Eng. Abstr.) **(Ger)**

THERAPY

[Orthodontic aspects of gaps in the anterior teeth] Fleischer-Peters A. **Dtsch Zahnarztl Z** 1984 Jul;39(7):496-501 (10 ref.) **(Ger)**

[Prosthetic management of cleft palate in adults with special consideration of the protection of the remaining teeth] Kovacs DG, et al. **Fogorv Sz** 1985 Mar;78(3):71-9 (Eng. Abstr.) **(Hun)**

JAW FRACTURES

SURGERY

Intermaxillary fixation. Cloutier AM. **Ann Plast Surg** 1984 Nov;13(5):457

Fractures of the facial skeleton in the edentulous patient. Zachariades N, et al. **J Maxillofac Surg** 1984 Dec;12(6):262-6

[Severe facial injuries] Sundell B, et al. **Duodecim** 1985;101(9):903-11 **(Fin)**

THERAPY

[New direct bonding bracket for oral surgery] Yoshimasu H, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):604-9 **(Jpn)**

VETERINARY

[Fracture of the jaw in horses with special reference to the incisors] Piacenza C, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):181-6 (Eng. Abstr.) **(Ger)**

JAW NEOPLASMS

Adenomatoid odontogenic tumour of the jaws. Parkash H, et al. **J Dent** 1984 Dec;12(4):297-301

Midfacial Burkitt's lymphoma. Standefer JA Jr, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):262-7

CLASSIFICATION

Fibro-osseous lesions of the jaws. Waldron CA. **J Oral Maxillofac Surg** 1985 Apr;43(4):249-62

[Nosological picture of giant cell lesions of the jaw bones. A review of the literature. Personal observations. A proposed classification] Gandolfo S, et al. **Minerva Stomatol** 1985 May-Jun;34(3):503-10 (59 ref.) (Eng. Abstr.) **(Ita)**

COMPLICATIONS

[Clinical picture and differentiated therapy of mental disorders in oncostomatologic diseases] Dunaevskii VV. **Zh Nevropatol Psikhiatr** 1985;85(3):439-43 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Diagnosis and treatment of jaw tumors in children. Chuong R, et al. **J Oral Maxillofac Surg** 1985 May;43(5):323-32

DRUG THERAPY

[Errors in intra-arterial chemotherapy] Szabo G. **Fortschr Kiefer Gesichtschir** 1985;30:177-8 **(Ger)**

ENZYMOLOGY

Histoenzymological features of epithelial cells in lesions of oral mucosa in cysts and ameloblastomas of jaws. Chomette G, et al. **Int J Oral Surg** 1985 Feb;14(1):61-72

Histoenzymological features of epithelial cells in epidermoid carcinomas of oral mucosa and in ameloblastomas of jaws. Chomette G, et al. **Pathol Biol (Paris)** 1984 Dec;32(10):995-1003

ETIOLOGY

Squamous cell carcinoma in the jaws of beagles exposed to ^{90}Sr throughout life: beta flux measurements at the mandible and tooth surfaces and a hypothesis for tumorigenesis. Parks NJ, et al. **Radiat Res** 1984 Oct;100(1):139-56

FAMILIAL & GENETIC

Pretherapeutic flow cytometric DNA investigations in radiotherapy patients with maxillo-facial carcinomas. Muller RP, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1613-9

[A case of familially associated cherubism, centro-osseous giant cell granulomas and giant cell tumors of the jaws] Wechsler J, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):337-40 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

[Changes of peripheral lymphocyte subsets in patients with oral squamous carcinoma] Moroyama T, et al. **Gan No Rinsho** 1985 Feb;31(2):117-21 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

A survey of tumours of the jawbones in Hong Kong Chinese: 1963-1982. Wu PC, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):92-102

Burkitt's lymphoma in the Sudan. Yagi KI, et al. **Int J Oral Surg** 1984 Dec;13(6):517-27

Adenomatoid odontogenic tumor in a black African population: report of thirteen cases. Ajagbe HA, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):683-7

PATHOLOGY

Malignant fibrous histiocytoma of jaws. A clinicopathologic study of 11 cases. Abdul-Karim FW, et al. **Cancer** 1985 Oct 1;56(7):1590-6

Benign fibro-osseous jaw lesions of periodontal membrane origin. An analysis of 249 cases. Hamner JE 3d, et al. **Cancer** 1968 Oct;22(4):861-78

Squamous cell carcinoma arising in the lining of odontogenic cysts. Report of 5 cases. Van der Waal I, et al. **Int J Oral Surg** 1985 Apr;14(2):146-52

Myxoma of the jaw. Chatterji P, et al. **J Laryngol Otol** 1985 Apr;99(4):391-6

Extranodal non-Hodgkin's lymphoma of the oral tissues. An analysis of 20 cases. Slootweg PJ, et al. **J Maxillofac Surg** 1985 Apr;13(2):85-92

Encephalocraniocutaneous lipomatosis and mixed odontogenic tumors. Savage MG, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):617-20

Clear cell ameloblastoma--an odontogenic carcinoma. Waldron CA, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):707-17

Multiple myeloma with initial presentation in the jaw: a clinical-pathologic discussion. Senn JS, et al. **J Oral Pathol** 1985 Apr;14(4):282-8

Calcifying odontogenic cysts (keratoameloblatomas). Jung I, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):201-4

[Giant cell tumor of the jaw] Shi ZD. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):24-5 **(Chi)**

[Cysts of the jaw bone] Saviano MS. **Minerva Chir** 1984 Sep 15;39(17):1183-98 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Osteosarcoma of the jaw bones. Analysis of 18 cases. Slootweg PJ, et al. **J Maxillofac Surg** 1985 Aug;13(4):158-66

PREVENTION & CONTROL

Prevention of neoplasms of the oral-maxillo-facial region: operative proposals. Tartaro S, et al. **Int J Oral Surg** 1985 Apr;14(2):216-8

RADIOGRAPHY

[Comparative study of the roentgeno-pathology of ameloblastoma of the jaw] Ning SC. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):72-5 **(Chi)**

[Maxillofacial localization of Burkitt's lymphoma. Apropos of 5 cases] Salsedo I, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):41-5 (Eng. Abstr.) **(Fre)**

SURGERY

The ameloblastoma, the controversial approach to therapy. Muller H, et al. **J Maxillofac Surg** 1985 Apr;13(2):79-84

[Sparing of the accessory nerve in radical neck dissection] Busch HP, et al. **Fortschr Kiefer Gesichtschir** 1985;30:65-7 **(Ger)**

[Complications and sequelae of early childhood treatment of hemangiomas in the maxillofacial area] Hauenstein H, et al. **Fortschr Kiefer Gesichtschir** 1985;30:150-4 **(Ger)**

[Retention of resection dentures outside the resection cavity] Krmpotic I, et al. **Chir Maxillofac Plast** 1984;14(2-3):57-68 (Eng. Abstr.) **(Scr)**

THERAPY

[Use of 6-methylprednisolone in maxillofacial surgery] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):313-5 (Eng. Abstr.) **(Ita)**

JAW RELATION RECORD

Comparison of dental crown height in bite impressions. Kane JF, et al. **ASDC J Dent Child** 1985 Jul-Aug;52(4):297-9

Construction bite. How important is it? Skay J. **Int J Orthod** 1984 Jun-Sep;22(2-3):19

An alternative method for recording the occlusion of the edentulous patient during the construction of replacement dentures. Duthie N, et al. **J Oral Rehabil** 1985 Mar;12(2):161-71

Repeatability of the mandibular retruded position. Helising G, et al. **J Oral Rehabil** 1985 Jan;12(1):1-8

'Byte-ryte', an apparatus for the determination of the preferred vertical dimension of occlusion required for the construction of complete denture prosthesis. van Willigen JD, et al. **J Oral Rehabil** 1985 Jan;12(1):23-5

Effect of interocclusal records on transverse axis position. Balthazar YM, et al. **J Prosthet Dent** 1984 Dec;52(6):804-9

Improved pantograph clutches fabricated intraorally. Dedmon HW. **J Prosthet Dent** 1985 Mar;53(3):332-4

Photocclusion technique for simultaneous qualitative and quantitative occlusal contact registration. Fitzig S, et al. **J Prosthet Dent** 1985 Mar;53(3):413-4

A study of the acceptability of lateral interocclusal records by the Hanau H-2 articulator. Gaston ML, et al. **J Prosthet Dent** 1985 Feb;53(2):252-6

Technique to record the location of the kinematic hinge axis without tattooing. Gordon SR. **J Prosthet Dent** 1985 Jan;53(1):142

Occlusal adjustment by photocclusion. Gutman D, et al. **J Prosthet Dent** 1985 Feb;53(2):238-43

Computer-based analysis of the single chewing cycle during mastication in repeated registrations. Jemt T, et al. **J Prosthet Dent** 1984 Sep;52(3):437-43

Finger rests in prosthodontics. Kastner CU. **J Prosthet Dent** 1985 Feb;53(2):290

Modification of Hanau H-2 articulator to accept the earpiece face-bow. Kastner CU. **J Prosthet Dent** 1985 Jan;53(1):138-40

Quick face-bow remount index. Kirk GA. **J Prosthet Dent** 1985 Jan;53(1):142

Properties of interocclusal registration materials. Lassila V, et al. **J Prosthet Dent** 1985 Jan;53(1):100-4

Effect of interocclusal records on transverse axis position [letter] Millstein PL. **J Prosthet Dent** 1985 May;53(5):750-1

An evaluation of occlusal indicator wax. Millstein PL. **J Prosthet Dent** 1985 Apr;53(4):570-2

Thickness and marking characteristics of occlusal registration strips. Schelb E, et al. **J Prosthet Dent** 1985 Jul;54(1):122-6

Making a maxillary record base with the dental surveyor. Sherman JR Jr. **J Prosthet Dent** 1984 Nov;52(5):750-3

Stabilized baseplate technique for interocclusal records. Ziebert GJ, et al. **J Prosthet Dent** 1984 Oct;52(4):606-8

[A study on the retruded contact position of the mandible] Yin XM. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):5-8 **(Chi)**

JC VIRUS see under **POLYOMAVIRUSES**

JEALOUSY

Excellent response of pathologic jealousy to pimozide [letter] Munro A. **Can Med Assoc J** 1984 Oct 15;131(8):852-3

Self-envy, the womb and the nature of goodness. A reappraisal of the death instinct. Maizels N. **Int J Psychoanal** 1985;66 (Pt 2):185-92

Jealousy: loss of relationship rewards, loss of self-esteem, depression, anxiety, and anger. Mathes EW, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1552-61

[Features and forensic-psychiatric significance of psychogenic jealousy in psychopathies in women] Kozlova AM. **Zh Nevropatol Psikhiatr** 1985;85(3):435-9 (Eng. Abstr.) **(Rus)**

[Clinical picture and forensic psychiatric significance of jealousy delusions in schizophrenic women] Kozlova AM. **Zh Nevropatol Psikhiatr** 1984;84(8):1209-13 (Eng. Abstr.) **(Rus)**

JEHOVAH'S WITNESSES see **CHRISTIANITY**

JEJUNAL DISEASES

Endoscopic tape dilator--a simple and inexpensive method to dilate upper gastrointestinal strictures. Lehman GA, et al. **J Clin Gastroenterol** 1985 Jun;7(3):208-10

CHEMICALLY INDUCED

Localized intestinal perforations after enteral administration of indomethacin in premature infants. Alpan G, et al. **J Pediatr** 1985 Feb;106(2):277-81

[Bleeding into the intestinal wall during anticoagulant therapy. Diagnosis using sonography and computerized tomography] Rupprecht HJ, et al. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1686-8 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

A dermatosis associated with bacterial overgrowth in jejunal diverticula. Fairris GM, et al. **Br J Dermatol** 1985 Jun;112(6):709-13

Malignant fibrous histiocytoma of solitary jejunal diverticulum. Singh G, et al. **J Surg Oncol** 1985 Apr;28(4):273-6

Sequelae of gangrene of the ileum in childhood. Ibrahim N, et al. **Med J Aust** 1985 Apr 1;142(7):411-2

[Patient with a hemorrhaging peptic ulcer of the jejunum successfully recovered from hemorrhagic shock and clinical death] Damianov D, et al. **Khirurgiia (Sofiia)** 1984;37(4):318-20 **(Bul)**

[A case of idiopathic ulcerative duodenojejunitis with good clinical health] Filali A, et al. **Tunis Med** 1985 Feb;63(2):93-7 (Eng. Abstr.) **(Fre)**

[Jejunal diverticulitis, a rare cause of acute abdomen] Schnyder S, et al. **Helv Chir Acta** 1985 Apr;52(1):159-61 (Eng. Abstr.) **(Ger)**

[Perforation of a jejunal diverticulum] Holstad E, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):427-8 (Eng. Abstr.) **(Nor)**

[Case of jejunal diverticulosis complicated by diverticulitis] Sokolov AV, et al. **Klin Med (Mosk)** 1984 Oct;62(10):128-9 **(Rus)**

DIAGNOSIS

Synchronous perforation of the jejunum as presenting feature of Zollinger-Ellison syndrome. Lausten Thomsen HH, et al. **Acta Chir Scand** 1985;151(3):299-300

Malrotation in children with symptoms of gastrointestinal allergy and psychosomatic abdominal pain. Kullendorff CM, et al. **Acta Paediatr Scand** 1985 Mar;74(2):296-9

Elevated serum amylase in association with jejunogastric intussusception. Ready AR, et al. **Br J Surg** 1984 Nov;71(11):844

Enteropathogens colonisation of the jejunum in paediatric diarrhoea. Bhan MK, et al. **Indian J Med Res** 1985 Feb;81:133-9

Jejunogastric intussusception. Spann JL. **J Okla State Med Assoc** 1984 Aug;77(8):291-4

Nonspecific small bowel ulceration. Thomas WE, et al. **Postgrad Med J** 1985 Jul;61(717):587-91

Recurrent jejunal diverticulosis. Brown JE, et al. **South Med J** 1985 Mar;78(3):352-3

[A case of intestinal invagination in Burkitt's lymphoma. Echographic and x-ray computed tomographic aspects] Capelle J, et al. **J Radiol** 1984 Jun-Jul;65(6-7):471-4 (Eng. Abstr.) **(Fre)**

[Surgical aspects of diverticulosis of the small intestine] Lanitis G, et al. **Rev Med Suisse Romande** 1984 Sep;104(9):695-700 **(Fre)**

[A case of diverticulosis of the small intestine] Giordano M, et al. **Minerva Chir** 1985 Jun 30;40(12):851-3 (Eng. Abstr.) **(Ita)**

[Incarcerated obturator hernia] Kleba T. **Wiad Lek** 1984 Jun 15;37(12):958-62 (Eng. Abstr.) **(Pol)**

[Diverticulosis of the small intestine] Podoprigora AP, et al. **Klin Khir** 1985 Feb;(2):46 **(Rus)**

ETIOLOGY

Infectious jejunitis with stricture after gastrojejunostomy. Chen YM, et al. **Am J Gastroenterol** 1985 May;80(5):334-6

Gallstone ileus in the absence of the gallbladder: case report and review of the literature. Masters RG, et al. **Can J Surg** 1985 Jan;28(1):65-6

Alimentary involvement in progressive systemic sclerosis. Pimparkar AB, et al. **J Indian Med Assoc** 1985 Jan;83(1):18-20

Gastrojejunal and gastroesophageal fistulae following placement of an Angelchik prosthesis [letter] Ell SR. **JAMA** 1984 Dec 7;252(21):2961-2

Peutz Jeghers syndrome (gastro-intestinal polyposis) and its complications. Oonwala ZG, et al. **JPMA** 1985 May;35(5):154-5

Malignant colo-jejunal fistula. Ziv Y, et al. **Panminerva Med** 1984 Apr-Jun;26(2):119-21

Increased risk of gastrointestinal perforations in neonates mechanically ventilated with either face mask or nasal prongs. Garland JS, et al. **Pediatrics** 1985 Sep;76(3):406-10

Jejunal perforation secondary to metastatic bronchogenic carcinoma. Quayle AR, et al. **Postgrad Med J** 1985 Feb;61(712):163-5

Jejunal perforation as a result of massive gastrointestinal bleeding from a duodenal ulcer. Fox JN, et al. **Scott Med J** 1984 Apr;29(2):109-10

[Hemo-obstructive ileus in secondary pancytopenia] Cerny E, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1113-4 (Eng. Abstr.) **(Cze)**

[Diverticulosis of the small intestine with perforation] Vesth N, et al. **Ugeskr Laeger** 1985 May 27;147(22):1776-7 (Eng. Abstr.) **(Dan)**

[Postoperative jejunal peptic ulcer. A series of 50 cases] Vayre P, et al. **Chirurgie** 1984;110(8-9):700-4 (Eng. Abstr.) **(Fre)**

[Spontaneous perforation of the small intestine following cesarean section] Sittner S, et al. **Zentralbl Gynakol** 1985;107(5):313-6 (Eng. Abstr.) **(Ger)**

[Occlusion of the small intestine caused by metastatic neoplasms] di Natale I. **Chir Ital** 1984 Feb;36(1):91-5 (Eng. Abstr.) **(Ita)**

[Jejunal perforation caused by non-absorbable suture material. Findings on a clinical case] Balli C, et al. **Minerva Chir** 1985 Jan 15-31;40(1-2):55-61 (Eng. Abstr.) **(Ita)**

[Submucosal hemorrhages of the jejunum in a patient with hemophilia B] Sugai K, et al. **Rinsho Ketsueki** 1985 Mar;26(3):405-10 (Eng. Abstr.) **(Jpn)**

[2 cases of gastro-jejuno-colonic fistula] Badowski A, et al. **Wiad Lek** 1985 Jan 15;38(2):134-9 (Eng. Abstr.) **(Pol)**

[Jejunal lipoma complicated by triple intussusception] Kropacz J, et al. **Wiad Lek** 1985 May 1;38(9):662-4 (Eng. Abstr.) **(Pol)**

[Multiple perforations of the small intestine in cancer] Wojciechowski B, et al. **Wiad Lek** 1984 Jul 1;37(13):1029-31 (Eng. Abstr.) **(Pol)**

[Invagination into Braun's anastomosis] Arbobov MK, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):126-7 **(Rus)**

[Internal biliary fistulas and gallstone ileus] Riabukhin IA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):48-9 (Eng. Abstr.) **(Rus)**

[Intestinal perforation caused by a fish bone] Cia G, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):199-201 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Clinical, histological, and electron microscopic study of mast cell disease of the small bowel. Braverman DZ, et al. **Am J Gastroenterol** 1985 Jan;80(1):30-7

Isolated xanthomatosis of the small bowel. Coletta U, et al. **Hum Pathol** 1985 Apr;16(4):422-4

Acute segmental enteritis. Wig JD, et al. **J Diarrhoeal Dis Res** 1984 Mar;2(1):37-40

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 18-1985. An 18-year-old man with abdominal pain and an eating disorder. **N Engl J Med** 1985 May 2;312(18):1175-83

Neonatal intussusception. Hadley GP, et al. **Papua New Guinea Med J** 1983 Jun;26(2):144-5

Idiopathic chronic ulcerative enteritis. A case report. Hinder RA, et al. **S Afr J Surg** 1985 Jun;23(2):75-7

[Mirror image perforation of peptic ulcers of the jejunum after GEA in old age] Bazjuk L. **Rozhl Chir** 1984 Sep;63(8-9):576-8 (Eng. Abstr.) **(Cze)**

[In what respect is Duhring's dermatitis a skin disease?] Karpati S, et al. **Orv Hetil** 1985 Aug 25;126(34):2091-4 (Eng. Abstr.) **(Hun)**

[Inflammatory changes in the jejunal mucosa of children with chronic enteritis] Paikov VL, et al. **Pediatriia** 1984 Jul;(7):24-7 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Idiopathic chronic ulcerative enteritis: a report of two cases. Zapolsky JH, et al. **Radiology** 1985 Apr;155(1):39-40

RADIONUCLIDE IMAGING

Intraoperative scintigraphic localization of a gastrointestinal bleeding site. Palestro CJ, et al. **J Nucl Med** 1984 Nov;25(11):1209-11

SURGERY

Endoscopic decompression in partial small bowel obstruction. Gowen GF. **Am J Surg** 1985 Feb;149(2):252-7

Improvements in the diagnosis and management of aortoenteric fistula. O'Donnell TF Jr, et al. **Am J Surg** 1985 Apr;149(4):481-6

Acute jejunogastric intussusception. Gundersen SB Jr, et al. **Am Surg** 1985 Sep;51(9):511-3

Perforated jejunal diverticula. Habib NA, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):431, 433

[Perforation of Crohn disease in the free abdominal cavity] Riedler L, et al. **Zentralbl Chir** 1985;110(11):686-91 **(Ger)**

[Surgical treatment of gastrointestinal fistulae] Vitebskii IaD, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):45-9 (Eng. Abstr.) **(Rus)**

[Tactics in the treatment of external intestinal fistulas in children] Leniushkin AI, et al. **Klin Khir** 1985;(6):9-11 (Eng. Abstr.) **(Rus)**

THERAPY

Total parenteral nutrition with the '3-litre bag': effect of fat emulsion on amino acid kinetics and nitrogen balance in patients with intestinal fistulae. O'Keefe SJ, et al. **Hum Nutr Clin Nutr** 1984 Sep;38(5):375-82

Intestinal stomal dilatation. Rankin RN, et al. **J Can Assoc Radiol** 1984 Dec;35(4):372-4

Percutaneous transhepatic dilation of a choledochoenterostomy stricture. Lidov M, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):392-4

Jejunal diverticulosis: medical and surgical management. McGrew W, et al. **South Med J** 1985 May;78(5):533-5

[Treatment of enterocutaneous small intestine fistula using parenteral nutrition therapy] Dardai E, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):149-52 (Eng. Abstr.) **(Ger)**

[Total parenteral nutrition and somatostatin in hypersecretory pancreatic and pancreatico-jejunal fistulas] Gaggiotti G, et al. **Minerva Chir** 1985 May 31;40(10):711-5 (Eng. Abstr.) **(Ita)**

[Therapeutic procedure in anastomotic fistulae after total gastrectomy for cancer] Acalovschi I, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):279-84 (Eng. Abstr.) **(Rum)**

VETERINARY

Cryptococcal granuloma associated with jejunal intussusception in a horse. Boulton CH, et al. **Equine Vet J** 1984 Nov;16(6):548-51

Jejunal obstruction due to Baylisascaris procyonis in a raccoon. Carlson BL, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1396-7

Intestinal strangulation associated with omphaloarteritis in a calf. Hylton WE, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1099

Chronic intestinal intussusception in two horses. Scott EA, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):383-5

Mesenteric hernia in a cow. van der Velden MA. **Vet Rec** 1984 Oct 20;115(16):414

JEJUNAL NEOPLASMS

[Malignant neoplasms of the small intestine] Obialero M, et al. **Minerva Chir** 1985 Jun 15;40(11):819-23 (Eng. Abstr.) **(Ita)**

CHEMICALLY INDUCED

Isolated malignant lymphoma of the jejunum and long-term diphenylhydantoin therapy. Rubinstein I, et al. **Oncology** 1985;42(2):104-6

COMPLICATIONS

Pancreatic heterotopia in the presence of Crohn's disease. Chester JF. **Br J Clin Pract** 1985 Jan;39(1):35-6

Malignant fibrous histiocytoma of solitary jejunal diverticulum. Singh G, et al. **J Surg Oncol** 1985 Apr;28(4):273-6

[Complications of primary malignant tumors of the small intestine] di Natale I. **Chir Ital** 1984 Apr;36(2):242-7 (Eng. Abstr.) **(Ita)**

[Occlusion of the small intestine caused by metastatic neoplasms] di Natale I. **Chir Ital** 1984 Feb;36(1):91-5 (Eng. Abstr.) **(Ita)**

[Case of massive gastrointestinal hemorrhage with coexistent symptoms of 'acute abdomen' caused by multifocal malignant lymphoma of the small intestine] Bernat M, et al. **Wiad Lek** 1985 Jan 1;38(1):63-6 (Eng. Abstr.) **(Pol)**

[Jejunal lipoma complicated by triple intussusception] Kropacz J, et al. **Wiad Lek** 1985 May 1;38(9):662-4 (Eng. Abstr.) **(Pol)**

[Multiple perforations of the small intestine in cancer] Wojciechowski B, et al. **Wiad Lek** 1984 Jul 1;37(13):1029-31 (Eng. Abstr.) **(Pol)**

[Complications of small intestinal tumors] Shevchenko AS, et al. **Klin Khir** 1985 Feb;(2):42-3 **(Rus)**

[Intestinal leiomyoma as cause of recurrent digestive hemorrhage (letter)] Zuloaga J, et al. **Rev Clin Esp** 1985 Feb;176(3):156-7 **(Spa)**

[Inflammatory intestinal pseudotumor: an unusual cause of chronic anemia] Fernandez Rodriguez C, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):435-8 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Jejunal leiomyoma: an endoscopic diagnosis. Hashmi MA, et al. **Gastrointest Endosc** 1985 Apr;31(2):81-3

[Neurologic tumors of the small intestine. Review of the literature apropos of 6 personal cases] Bruneton JN, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Mar-Apr;20(2):79-84 (Eng. Abstr.) **(Fre)**

[Multiple duodenojejunal adenocarcinoma in a 9-year-old child] Benz-Lemoine E, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):783-6 (Eng. Abstr.) **(Fre)**

[Intestinal leiomyosarcoma with pruritus, lymphopenia and antibody deficiency] Dührsen U, et al. **Internist (Berlin)** 1984 Dec;25(12):756-9 **(Ger)**

[Leiomyoma of the small intestine] Lombardo C, et al. **Chir Ital** 1984 Apr;36(2):209-14 (Eng. Abstr.) **(Ita)**

[Asymptomatic carcinoid tumor of the small intestine] Dyktynski P, et al. **Wiad Lek** 1985 Mar 1;38(5):374-6 (Eng. Abstr.) **(Pol)**

[Leiomyosarcoma of the jejunum] Kleba T. **Wiad Lek** 1984 Jul 1;37(13):1035-7 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Small intestinal adenocarcinoma complicating regional enteritis. Collier PE, et al. **Cancer** 1985 Feb 1;55(3):516-21

[Celiac disease increases the risk of malignancy] Leijonmarck CE, et al. **Lakartidningen** 1985 May 8;82(19):1777-8 **(Swe)**

IMMUNOLOGY

[Mediterranean lymphoma with secretion of lambda IgA demonstrated by analysis with immunoperoxidases] Clotet B, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):572-4 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Mucinous carcinoma of the jejunum. Report of a clinical case. Soares JD, et al. **Acta Med Port** 1985 Mar-Apr;6(3-4):121-3

Multiple primary malignant fibrous histiocytoma of the stomach and small intestine. Shibuya H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):157-64

Heterotopic gastric mucosa in the small intestine. Tsubone M, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1425-31

Malignant neuroendocrine tumor of the jejunum with osteoclast-like giant cells. Enzyme histochemistry distinguishes tumor cells from giant cells. Alpers CE, et al. **Am J Surg Pathol** 1985 Jan;9(1):57-64

Dendritic cell phenotype in localized malignant histiocytosis of the small intestine. Daum GS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):647-50

Malignant lymphoma and malignant angioendotheliomatosis: one disease. Bhawan J, et al. **Cancer** 1985 Feb 1;55(3):570-6

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 14-1985. A 55-year-old man with diarrhea, dilatation of the small bowel, and hepatosplenomegaly. **N Engl J Med** 1985 Apr 4;312(14):905-14

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 37-1985. A 69-year-old man with gastrointestinal bleeding and an abnormal Meckel scan. **N Engl J Med** 1985 Sep 12;313(11):680-8

[Solitary polypoid cavernous hemangioma in the jejunum] Göcke H, et al. **Leber Magen Darm** 1985 May;15(3):125-9 (Eng. Abstr.) **(Ger)**

[An autopsy case of well differentiated leiomyosarcoma of the jejunum] Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):81-7 (Eng. Abstr.) **(Jpn)**

[Glomus tumor of the small intestine with metastasis to the liver] Dasaev AN, et al. **Klin Med (Mosk)** 1985 Mar;63(3):110-1 **(Rus)**

[Intestinal polyp of infrequent localization: presentation of 2 cases] Garcia Crespo JM, et al. **An Esp Pediatr** 1984 Dec;21(9):855-7 (Eng. Abstr.) **(Spa)**

[Leiomyosarcomas of the small intestine] Tiberio López G, et al. **Rev Clin Esp** 1984 May 31;173(4):239-41 **(Spa)**

RADIOGRAPHY

CT recognition of intestinal lipomatosis. Ormson MJ, et al. **AJR** 1985 Feb;144(2):313-4

SECONDARY

Metastasis to leiomyoma. Sarma DP, et al. **J La State Med Soc** 1985 Aug;137(8):41-2

Metastatic tumors of the small intestine: case report and review of literature. Routh A, et al. **J Miss State Med Assoc** 1984 Sep;25(9):235-6

Jejunal perforation secondary to metastatic bronchogenic carcinoma. Quayle AR, et al. **Postgrad Med J** 1985 Feb;61(712):163-5

Metastatic squamous cell carcinoma from the esophagus occurring as small bowel obstruction. Wang M, et al. **South Med J** 1985 Jul;78(7):884-6

[Intestinal metastasis of malignant melanoma] Rodriguez Alvarez JL, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):285-90 (Eng. Abstr.) **(Spa)**

SURGERY

Resolution of acromegaly, amenorrhea-galactorrhea syndrome, and hypergastrinemia after resection of jejunal carcinoid. Spero M, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):392-5

[Primary malignant tumor of the small intestine] Song SB. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):445-6 (Eng. Abstr.) **(Chi)**

[Case of primary pluricentric melanoma of the small intestine] Spalluto F, et al. **Minerva Chir** 1984 Nov 30;39(22):1605-8 (Eng. Abstr.) **(Ita)**

[Surgical tactics in an accessory pancreas] Shalimov SA, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):20-2 (Eng. Abstr.) **(Rus)**

VETERINARY

Adenocarcinoma of the jejunum in two cows. Bristol DG, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):551-3

[Intestinal polyps in small ruminants with chronic coccidiosis] Tontis A, et al. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):401-5 (Eng. Abstr.) **(Ger)**

JEJUNUM

Comparison of needle catheter versus standard tube jejunostomy. Haun JL, et al. **Am Surg** 1985 Aug;51(8):466-9

Intussusception caused by multiple trichobezoars: a surgical trap for the unwary. Rees M. **Br J Surg** 1984 Sep;71(9):721

Percutaneous endoscopic gastrostomy and jejunostomy: endoscopic highlights. Ponsky JL. **Gastrointest Endosc** 1984 Oct;30(5):306-7

Jejunal perforation by a toothpick: CT demonstration. Strauss JE, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):812-4

Technical developments and instrumentation: percutaneous transhepatic feeding jejunostomy. Haskell L, et al. **J Surg Oncol** 1985 May;29(1):57-8

Rapid long tube intubation of the jejunum—an improved technique. Kawamura R, et al. **Jpn J Surg** 1984 Jul;14(4):299-304

Jejunal intubation via gastrostomy catheters in pediatric patients. Strife JL, et al. **Radiology** 1985 Jan;154(1):249

A new tube for simultaneous gastric decompression and jejunal alimentation. Nelson R, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):369-72

Experimental intestinal obstruction in cattle. Part II: Changes in blood, urine and rumen content chemistry. Papadopoulos P, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):276-88

Experimental intestinal obstruction in cattle. Part I: Changes in the clinical picture. Papadopoulos P, et al. **Zentralbl Veterinarmed** [A] 1985 Apr;32(4):264-75

ABNORMALITIES

A 13q- syndrome with extensive intestinal atresia. Nishikawa A, et al. **Acta Paediatr Scand** 1985 Mar;74(2):305-8

Tubular duplication of the jejunum and ileum lined entirely by gastric mucosa. Bar-Maor JA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):303-6

Congenital absence of small intestinal musculature (one case report). Miyagawa S, et al. **Z Kinderchir** 1985 Feb;40(1):55-7

[Jejunal duplication. Description of a case] Rizzo A, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):609-12 (Eng. Abstr.) **(Ita)**

ANALYSIS

Location and distribution of a receptor for the 987P pilus of Escherichia coli in small intestines. Dean EA, et al. **Infect Immun** 1985 Feb;47(2):345-8

Prostacyclin content of jejunal mucosa in non-operated patients and after Billroth II gastrectomy. Banai J, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):253-4

[Localization of glucagon receptors in intestinal and vascular smooth muscle fibers in the dog. Use of autoradiographic technics] Santamaria L, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):301-8 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Small bowel length measured by radiography. Fanucci A, et al. **Gastrointest Radiol** 1984;9(4):349-51

Jejunal mucosal morphology in healthy north Indian subjects. Bennett MK, et al. **J Clin Pathol** 1985 Apr;38(4):368-71

Effect of aging upon small intestinal structure in the Fischer rat. Holt PR, et al. **J Gerontol** 1984 Nov;39(6):642-7

[In situ disaccharidase kinetics in relation to villi/crypt architecture of the jejunal mucosa—comparative studies in man and rat] Gutschmidt S. **Acta Histochem [Suppl] (Jena)** 1985;31:57-62 **(Ger)**

[Measurement of the functional unstirred water layer thickness in human jejunal mucosa, using the curve of potential difference change] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2738-42 (Eng. Abstr.) **(Jpn)**

BLOOD SUPPLY

Intestinal vascular effects of inhaled and locally administered enflurane in the cat. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):294-9

Vasodilator responses to enflurane in the small intestine. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):287-93

Vasoactive intestinal polypeptide, cholecystokinin, glucagon, and bile-oleate-induced jejunal hyperemia. Gallavan RH Jr, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G208-15

Measurement of regional gastroduodenal blood flow with iodo [14C]antipyrine autoradiography. Hudson D, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G539-44

Contribution of hyperosmolality to glucose-induced intestinal hyperemia. Proctor KG. **Am J Physiol** 1985 May;248(5 Pt 1):G521-5

Lower limb amputation and small bowel infarction following parentaral diconal abuse. Taggart DP, et al. **Br J Addict** 1985 Mar;80(1):101

Variations in capillary permeability from apex and crypt in the villus of the ileo-jejunum. Hart TK, et al. **Cell Tissue Res** 1985;241(2):305-15

Aneurysms of the jejunal artery. Bleichrodt RP, et al. **J Cardiovasc Surg (Torino)** 1984 Jul-Aug;25(4):376-7

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 51-1984. A 45-year-old man with abdominal pain and abnormal CT scan. **N Engl J Med** 1984 Dec 20;311(25):1622-8

[A case of ample intestinal resection for massive mesenteric infarct] Guzzetti A, et al. **Chir Ital** 1984 Feb;36(1):96-107 (Eng. Abstr.) **(Ita)**

[Changes in the activity of various blood serum enzymes in experimental infarction of the small intestine in dogs; new theories on the mechanism of intestinal wall damage in ischemia] Konarska L, et al. **Pol Tyg Lek** 1984 Sep 10;39(37):1237-41 (Eng. Abstr.) **(Pol)**

[Characteristics of anti-ischemia protection of the small intestine and pancreas under experimental conditions] Kulik VP, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):52-8 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Transferrin in isolated cells from rat duodenum and jejunum. Osterloh K, et al. **Blut** 1985 Jul;51(1):41-7

Distribution of the lymphoid cells in the intestinal epithelium of mice. A preliminary communication. Rowinski J, et al. **Folia Morphol** 1984;43(2):105-8

Relation between the mucosal flora and Paneth cell population of human jejunum and ileum. Elmes ME, et al. **J Clin Pathol** 1984 Nov;37(11):1268-71

Potassium movements associated with amino acid and sugar transport in enterocytes isolated from rabbit jejunum. Brown PD, et al. **J Physiol (Lond)** 1985 Jun;363:271-85

A rabbit jejunal isolated enterocyte preparation suitable for transport studies. Brown PD, et al. **J Physiol (Lond)** 1985 Jun;363:257-70

Analysis of the distribution of human jejunal mast cells including the relation to age, sex, height, weight, and possible allergic manifestations. Selbekk BH, et al. **Scand J Gastroenterol** 1985 Mar;20(2):141-4

Response of human jejunal mast cells to degranulatory procedures. Selbekk BH, et al. **Scand J Gastroenterol** 1985 Mar;20(2):145-9

[Secretin cells in the jejunal mucosa in celiac disease before, during and after diet therapy. Immunohistochemical study] Ceccamea A, et al. **Minerva Pediatr** 1984 Sep 30;36(18):901-4 (Eng. Abstr.) **(Ita)**

[Plasma cells in the epithelial layer of mouse jejunum] Ferreira MN. **Acta Med Port** 1985 Jan;6(1):5-11 (Eng. Abstr.) **(Por)**

DRUG EFFECTS

Induction in vitro of a specific pattern of jejunal propulsive behavior by cholecystokinin. Weems WA, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G470-8

The actions of the hydroxamic acid of gamma amino butyric acid on the isolated rabbit atria and jejunum. Kehl H. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):232-40

Vasopressin effects on the small intestine: a possible factor in paralytic ileus? Mitchell A, et al. **Br J Surg** 1985 Jun;72(6):462-5

Adaptation of hexose uptake by the rat jejunum induced by the perfusion of sugars into the distal ileum. Debnam ES. **Digestion** 1985;31(1):25-30

Acute gluten challenge in treated adult coeliac disease: a morphometric and enzymatic study. Bramble MG, et al. **Gut** 1985 Feb;26(2):169-74

Nufenoxole, a new antidiarrhoeal agent, inhibits fluid secretion in the human jejunum. Moriarty KJ, et al. **Gut** 1985 Jan;26(1):75-80

Functional and structural changes of the human proximal small intestine after cytotoxic therapy. Cunningham D, et al. **J Clin Pathol** 1985 Mar;38(3):265-70

Anticholeraic effect of methylated casein in rat jejunum. Peyrot M, et al. **Pediatr Res** 1984 Nov;18(11):1075-9

[Early manifestations of the effect of Salmonella endotoxin on the antioxidizing enzyme systems of the liver and intestines in the rat] Popkova NI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):525-7 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Influence of starvation on sucrase regulation by dietary sucrose in the rat. Gorostiza E, et al. **Am J Clin Nutr** 1984 Nov;40(5):1017-22

Intestinal phospholipase B activity in pigs inoculated with transmissible gastroenteritis virus. Goven AJ, et al. **Am J Vet Res** 1985 Jul;46(7):1503-5

Human jejunal transglutaminase: demonstration of activity, enzyme kinetics and substrate specificity with special relation to gliadin and coeliac disease. Bruce SE, et al. **Clin Sci** 1985 May;68(5):573-9

Rapid test for determination of disaccharidase activities in endoscopic biopsy specimens from the small intestine. Banai J, et al. **Endoscopy** 1984 Sep;16(5):185

Synthesis and intracellular processing of sucrase-isomaltase in rat jejunum. Grand RJ, et al. **Gastroenterology** 1985 Feb;88(2):531-8

Jejunal disaccharidases activity in some intestinal parasites in Egypt. Sallam MA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):547-56

Biosynthesis and intracellular pool of aminopeptidase N in rabbit enterocytes. Feracci H, et al. **J Membr Biol** 1985;83(1-2):139-46

Complex subcellular distributions of enzymatic markers in intestinal epithelial cells. Mircheff AK, et al. **J Membr Biol** 1985;83(1-2):95-107

[Morphoenzymatic study of normal jejunal mucosa in Wistar rats] Baena Hidalgo A, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):473-80 (Eng. Abstr.) **(Spa)**

GROWTH & DEVELOPMENT

Age-related changes in rat intestinal transport of D-glucose, sodium, and water. Esposito G, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G328-34

Developmental maturation of D-glucose transport by rat jejunal brush-border membrane vesicles. Ghishan FK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G87-92

Does aging affect the intestinal transport of riboflavin? Said HM, et al. **Life Sci** 1985 Jan 7;36(1):69-73

Differential toxicity of RCAII (ricin) on rabbit intestinal epithelium in relation to postnatal maturation. Olson AD, et al. **Pediatr Res** 1985 Aug;19(8):868-72

IMMUNOLOGY

Jejunal mucosa after leukemia treatment in children. Increase of crypt mitotic activity, decrease of intraepithelial lymphocytes and IgA-cells. Perkkiö M, et al. **Acta Paediatr Scand** 1984 Sep;73(5):680-4

Cellular localization of class I (HLA-A, B, C) and class II (HLA-DR and DQ) MHC antigens on the epithelial cells of normal human jejunum. Gorvel JP, et al. **Biol Cell** 1984;52(3):249-52

Kinetic studies on IgG transport by the jejunum of the neonatal rat. Solari R, et al. **Biol Neonate** 1984;46(4):163-70

The microenvironment of coeliac disease: T cell phenotypes and expression of the T2 'T blast' antigen by small bowel lymphocytes. Malizia G, et al. **Clin Exp Immunol** 1985 May;60(2):437-46

Studies of intestinal lymphoid tissue. IX. Dose-dependent, gluten-induced lymphoid infiltration of coeliac jejunal epithelium. Leigh RJ, et al. **Scand J Gastroenterol** 1985

Aug;20(6):715-9

INJURIES

Blunt abdominal trauma causing jejunal rupture. Harris CR. **Ann Emerg Med** 1985 Sep;14(9):916-8

Late jejunal perforation following blunt injury. Ross WB, et al. **Injury** 1985 Jul;16(7):481

[Intramural hematoma of the duodenum and jejunum] Kotleba J, et al. **Rozhl Chir** 1984 Sep;63(8-9):579-83 (Eng. Abstr.) **(Slo)**

INNERVATION

Evidence for separate sympathetic regulation of fluid absorption and blood flow in the feline jejunum. Sjövall H. **Am J Physiol** 1984 Nov;247(5 Pt 1):G510-4

Myenteric enkephalin neurons around the laser-photocoagulation necrosis: an immunocytochemical investigation in the guinea pig jejunum and proximal colon. Kobayashi S, et al. **Arch Histol Jpn** 1985 Apr;48(2):239-54

Mechanisms underlying the intestinal fluid secretion evoked by nociceptive serosal stimulation of the rat. Brunsson I, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):439-45

[The submucous plexus (Meissner) in the calf. I. Light and electron microscopy study of normal structure] Mannl A, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):585-600 (Eng. Abstr.) **(Ger)**

METABOLISM

Localization of acid microclimate along intestinal villi of rat jejunum. Daniel H, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G293-8

Early effects of vitamin D metabolites on phosphate fluxes in isolated rat enterocytes. Karsenty G, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G40-5

Lymph flow, lymph protein concentration, and protein output from rat small intestine. Lee JS. **Am J Physiol** 1985 Jun;248(6 Pt 1):G670-5

Intestinal metabolism and portal venous transport of 1,25(OH)2D3, 25(OH)D3, and vitamin D3 in the rat. McDonald GB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G633-8

Countercurrent exchange of water in canine jejunum. Ryu KH, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G377-81

Mechanisms maintaining a low-pH microclimate in the intestine. Shiau YF, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G608-17

Intestinal absorption of 1,25-dihydroxyvitamin D3 in the rat. Sitrin MD, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G718-25

Jejunal-ileal differences in dopaminergic but not alpha-adrenergic antisecretory effects. Wahawisan R, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G332-6

Transport of glutathione by intestinal brush border membrane vesicles. Linder M, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):929-36

1-Naphthol conjugation in isolated cells from liver, jejunum, ileum, colon and kidney of the guinea pig. Schwenk M, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):697-701

Investigation of drug absorption from the gastrointestinal tract of man. IV. Influence of food and digestive secretions on metoprolol jejunal absorption. Evard D, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:119S-125S

Effect of guar gum on nitrogen secretion into isolated loops of jejunum in conscious growing pigs. Low AG, et al. **Br J Nutr** 1984 Nov;52(3):499-505

Effect of guar gum on glucose and water absorption from isolated loops of jejunum in conscious growing pigs. Rainbird AL, et al. **Br J Nutr** 1984 Nov;52(3):489-98

Intestinal uptake of hexoses and fatty acids in tumor-bearing rats. Thomson AB, et al. **Cancer Res** 1985 Apr;45(4):1479-82

Chromatin structure and transcription activity during maturation of intestinal epithelial cells. Raul F, et al. **Cell Mol Biol** 1985;31(3):175-9

Changes in chromatin structure and transcription activity by starvation and dietary sucrose in mature and immature intestinal epithelial cells of the rat. Raul F, et al. **Cell Mol Biol** 1985;31(4):299-304

Uptake of a series of neutral dipeptides including L-alanyl-L-alanine, glycylglycine and glycylsarcosine by hamster jejunum in vitro. Matthews DM, et al. **Clin Sci** 1984 Nov;67(5):541-9

Effects of acipimox, a nicotinic acid derivative, on lipolysis in human adipose tissue and on cholesterol synthesis in human jejunal mucosa. Stirling C, et al. **Clin Sci** 1985 Jan;68(1):83-8

Lipid accumulation in jejunal and colonic mucosa following chronic cholestyramine (Questran) feeding. Cassidy MM, et al. **Dig Dis Sci** 1985 May;30(5):468-76

Selenium absorption by canine jejunum. Reasbeck PG, et al. **Dig Dis Sci** 1985 May;30(5):489-94

Absorption of carbohydrate-electrolyte solutions in rat duodenojejunum. Implications for the composition of oral electrolyte solutions in man. Saunders DR, et al. **Dig Dis Sci** 1985 Feb;30(2):154-60

Effect of pancreatic secretions on transit in bypassed loops of intestine in rats. Weisbrodt NW, et al. **Dig Dis Sci** 1985 Jan;30(1):78-81

Absence of alkaline phosphatase-linked inorganic phosphate transport in the chick jejunum. Valinietse MY, et al. **Digestion** 1985;31(4):182-8

Absorption of urso- and chenodeoxycholic acid and their taurine and glycine conjugates in rat jejunum, ileum, and colon. Walker S, et al. **Digestion** 1985;32(1):47-52

Enhanced glucose absorption in the jejunum of patients with cystic fibrosis. Frase LL, et al. **Gastroenterology** 1985 Feb;88(2):478-84

Altered jejunal permeability to macromolecules during viral enteritis in the piglet. Keljo DJ, et al. **Gastroenterology** 1985 Apr;88(4):998-1004

Protection by dietary proteins against the effects of bile acids on rat jejunum and stomach. Kruidenier JF, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1183-91

Intestinal calcium absorption is enhanced by D-glucose in diabetic and control rats. Younoszai MK, et al. **Gastroenterology** 1985 Apr;88(4):933-8

Topical methotrexate alters solute and water transport in the rat jejunum in vivo and rabbit ileum in vitro. Pinkerton CR, et al. **Gut** 1985 Jul;26(7):704-9

Inhibitory effect of unconjugated bile acids on the intestinal transport of 5-methyltetrahydrofolate in rat jejunum in vitro. Said HM, et al. **Gut** 1984 Dec;25(12):1376-9

Increased jejunal prostaglandin E2 concentrations in patients with acute cholera. Speelman P, et al. **Gut** 1985 Feb;26(2):188-93

Cellobiose/mannitol sugar permeability test complements biopsy histopathology in clinical investigation of the jejunum. Strobel S, et al. **Gut** 1984 Nov;25(11):1241-6

Absorption of elastase through the jejunal mucosa of the rat. An immunocytochemical study. Tsujii T, et al. **Histochemistry** 1984;81(5):427-33

Ontogenic changes in secretory component expression by villous and crypt cells of rat small intestine. Buts JP, et al. **Immunology** 1985 Jan;54(1):181-7

Identification, isolation, and partial characterization of a fatty acid binding protein from rat jejunal microvillous membranes. Stremmel W, et al. **J Clin Invest** 1985 Mar;75(3):1068-76

Mechanism of the regulation of the 1 alpha,25-dihydroxyvitamin D3 receptor in the rat jejunum by glucocorticoids. Chan SD, et al. **J Endocrinol** 1984 Dec;103(3):295-300

Prostaglandins in small intestinal mucosa of children with celiac disease. Branski D, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):672-5

Prolactin and the gut: a controversy. Theintz GE, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):523-8

Effect of hyperglycaemia on sugar transport in the isolated mucosa of guinea-pig small intestine. Fischer E, et al. **J Physiol (Lond)** 1984 Oct;355:567-86

Studies of the mechanism of noradrenaline stimulation of fluid absorption by rat jejunum in vitro. Parsons BJ, et al. **J Physiol (Lond)** 1984 Oct;355:427-39

Effect of lidamidine-HCl on Escherichia coli heat-stable enterotoxin-induced jejunal water and electrolyte secretion in neonatal piglets. Merritt AM, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):150-6

Defective jejunal brush-border Na+/H+ exchange: a cause of congenital secretory diarrhoea. Booth IW, et al. **Lancet** 1985 May 11;1(8437):1066-9

Intestinal transport of manganese from human milk, bovine milk and infant formula in rats. Chan WY, et al. **Life Sci** 1984 Dec 10;35(24):2415-9

Fluorescence study on the interaction of salicylate with rat small intestinal epithelial cells: possible mechanism for the promoting effects of salicylate on drug absorption in vivo. Kajii H, et al. **Life Sci** 1985 Aug 12;37(6):523-30

Intestinal epithelial cells and musculature contain different muscarinic binding sites. Tien XY, et al. **Life Sci** 1985 May 20;36(20):1949-55

Intestinal cholesterol uptake: comparison between mixed micelles containing lecithin or lysolecithin. Reynier MO, et al. **Lipids** 1985 Mar;20(3):145-50

Effect of cortisone on jejunal phosphate absorption in hypophysectomized rats. Yeh JK, et al. **Miner Electrolyte Metab** 1984;10(6):398-403

In vivo studies of mucosal-serosal transfer in rat jejunum. Winne D, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):70-6

Food proteins and gut mucosal barrier. III. The influence of lactation and prolactin on the in vitro binding and uptake of bovine serum albumin and ovalbumin in the rat jejunum. Stern M, et al. **Pediatr Res** 1985 Mar;19(3):320-4

Food proteins and gut mucosal barrier. II. Differential interaction of cow's milk proteins with the mucous coat and the surface membrane of adult and immature rat jejunum. Stern M, et al. **Pediatr Res** 1984 Dec;18(12):1252-7

Bicarbonate movement across basolateral membrane vesicles from rat jejunum. Faelli A, et al. **Pflugers Arch** 1984 Aug;401(4):427-9

Complete sulfation of jejunal gastrin in the human fetus. Andersen BN, et al. **Regul Pept** 1985 Apr;10(4):329-38

[Effect of vitamin D on inorganic phosphorus transport and alkaline phosphatase activity of the small intestine of chickens] Galvanovskii IuIa, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):243-7 (Eng. Abstr.) **(Rus)**

[Transmural flow of D-galactose in the jejunum of young rats using a new perfusion chamber] Moretó M, et al. **Rev Esp Fisiol** 1984 Dec;40(4):417-23 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Sequential disaccharidase loss in rat intestinal blind loops: impact of malnutrition. Sherman P, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G626-32

Colonization of the jejunum with aerobe-anaerobe facultative bacteria and its significance in infantile disease. Ivanof DS, et al. **Arch Roum Pathol Exp Microbiol** 1984 Jan-Mar;43(1):31-7

A dermatosis associated with bacterial overgrowth in jejunal diverticula. Fairris GM, et al. **Br J Dermatol** 1985 Jun;112(6):709-13

Mucosal flora of the small intestine and the effect of preoperative antibiotics. Elmes ME, et al. **J Clin Pathol** 1984 Nov;37(11):1272-5

Normal cultivable microflora in upper jejunal fluid in children without gastrointestinal disorders. Justesen T, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):683-6

[Intestinal flora and jejunoileal bypass] Micheletto G, et al. **Minerva Chir** 1984 Oct 31;39(20):1415-20 **(Ita)**

[Intestinal flora in children with celiac disease] Balli F, et al. **Pediatr Med Chir** 1984 Sep-Oct;6(5):637-40 (Eng. Abstr.) **(Ita)**

[Intrajejunal bactericidal activity and jejunal microbial colonization in children with chronic gastroduodenitis] Volkov AI, et al. **Pediatriia** 1985 Jun;(6):23-4 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Detection of Giardia in human jejunum by the immunoperoxidase method. Specific and non-specific results. Fleck SL, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):110-3

PATHOLOGY

Fatal unresponsive villous atrophy of the jejunum, connective tissue disease and diabetes in a girl with intestinal epithelial cell antibody. Savilahti E, et al. **Acta Paediatr Scand** 1985 May;74(3):472-6

Heterotopic gastric mucosa in the small intestine. Tsubone M, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1425-31

Intestinal lymphangiectasia in the Lundehund. Scanning electron microscopy of intestinal mucosa. Landsverk T, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep;92(5):353-62

Malignant neuroendocrine tumor of the jejunum with osteoclast-like giant cells. Enzyme histochemistry distinguishes tumor cells from giant cells. Alpers CE, et al. **Am J Surg Pathol** 1985 Jan;9(1):57-64

Morphometric study of the small intestinal mucosa in young, adult, and old rats submitted to protein deficiency and rehabilitation. Rodrigues MA, et al. **Gut** 1985 Aug;26(8):816-21

Concomitant detection of mucosal mast cells and eosinophils in the intestines of normal and Nippostrongylus-immune rats. A re-evaluation of histochemical and immunocytochemical techniques. Newlands GF, et al. **Histochemistry** 1984;81(6):585-9

Coeliac disease: alpha-1-antitrypsin contents in jejunal mucosa before and after gluten-free diet. Nielsen K. **Histopathology** 1984 Sep;8(5):759-64

Hypogammaglobulinemia. Venkateswarlu K, et al. **Indian Pediatr** 1984 Aug;21(8):657-61

Rapid jejunal biopsy without radiological screening. Collins JS, et al. **Ir J Med Sci** 1984 Nov;153(11):392-3

Small intestinal permeability as an indicator of jejunal mucosal recovery in patients with celiac sprue on a gluten-free diet. Ukabam SO, et al. **J Clin Gastroenterol** 1985 Jun;7(3):232-6

Quantitative assessment of the mucosal architecture of jejunal biopsy specimens: a comparison between linear measurement, stereology, and computer aided microscopy. Corazza GR, et al. **J Clin Pathol** 1985 Jul;38(7):765-70

Ultrastructural study of alterations in the small intestinal epithelium of children with acute diarrhea. Fagundes-Neto U, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):510-5

Mucosal mast cells are functionally active during spontaneous expulsion of intestinal nematode infections in rat. Woodbury RG, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):450-2

An in vitro animal model for the study of cereal components toxic in celiac disease. Auricchio S, et al. **Pediatr Res** 1984 Dec;18(12):1372-8

Morphological and biochemical studies of a naturally occurring enteropathy in the Irish setter dog: a comparison with coeliac disease in man. Batt RM, et al. **Res Vet Sci** 1984 Nov;37(3):339-46

Idiopathic chronic ulcerative enteritis. A case report. Hinder RA, et al. **S Afr J Surg** 1985 Jun;23(2):75-7

The pathology of the small intestine in human schistosomiasis mansoni in the Sudan. Fedail SS, et al. **Trop Med Parasitol** 1985 Jun;36(2):94-6

Evaluation of jejunal mucosa biopsy in patients with giardiasis. Kociecka W, et al. **Wiad Parazytol** 1984;30(3):311-9

[Abnormalities of the jejunal mucosa and protein-calorie malnutrition in infants in Equatorial Africa] Gendrel D, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):871-6 (Eng. Abstr.) **(Fre)**

[Morphometric-functional study of the small intestine in the aged. I. Morphometric study of villo-cryptae architecture] D'Imperio N, et al. **G Clin Med** 1984 Sep-Oct;

65(9-10):419-25 (Eng. Abstr.) **(Ita)**

[Dermatogenic enteropathy] Montagnani A, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):287-90 (Eng. Abstr.) **(Ita)**

[Macroscopic and microscopic evaluation of the adaptation of the functioning intestine and the excluded intestine after jejunoileal bypass] Lattuada E, et al. **Minerva Chir** 1984 Oct 31;39(20):1383-9 **(Ita)**

[Inflammatory changes in the jejunal mucosa of children with chronic enteritis] Paĭkov VL, et al. **Pediatriia** 1984 Jul;(7):24-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Sympathetic control of jejunal fluid and electrolyte transport. An experimental study in cats and rats. Sjövall H. **Acta Physiol Scand [Suppl]** 1984;535:1-63

Relationship of electrical slow wave and spike bursts in the dog jejunum in vivo. Mendel C, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1315-9

Origin and characterization of migrating myoelectric complex in rabbits. Ruckebusch Y, et al. **Dig Dis Sci** 1985 Aug;30(8):742-8

Preliminary characterization of enterooxyntic activity on the guinea pig oxyntic cell. Strodel WE, et al. **Endocrinology** 1985 Jul;117(1):376-81

Radiography of ileal adaptation in the rat following jejunectomy. Bova JG, et al. **Invest Radiol** 1985 Mar-Apr;20(2):146-51

Retrograde electrical pacing and its influence on the migrating motor complex of the canine jejunum. Monson JR, et al. **Ir J Med Sci** 1984 May;153(5):161-5

Intraluminal distension pressure on intestinal lymph flow, serosal transudation and fluid transport in the rat. Lee JS. **J Physiol (Lond)** 1984 Oct;355:399-409

Enteropancreatic reflexes 2. The effect of jejunal distension. Salinas A, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):331-5

The role of jejunal signals in the long-term regulation of food intake in the rat. Canbeyli RS, et al. **Physiol Behav** 1984 Dec;33(6):945-50

Comparison of gastric, duodenal and jejunal contributions to the inhibition of food intake in the rat. Canbeyli RS, et al. **Physiol Behav** 1984 Dec;33(6):951-7

[Intestinal adaptation and enzymatic changes following reciprocal jejunoileal transposition in rats. Effects of a high-fructose diet] Crouzoulon G, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):136-46 (Eng. Abstr.) **(Fre)**

[Electromyographic profile of the human jejunum after abdominal surgery] Pouyet M, et al. **Gastroenterol Clin Biol** 1985 May;9(5):412-6 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Studies on mechanism of retching and vomiting in dogs. Effect of peripheral dopamine blocker on myoelectric changes in antrum and upper small intestine. Lee KY, et al. **Dig Dis Sci** 1985 Jan;30(1):22-8

Intestinal phase of gastric acid secretion in humans with and without portacaval shunt. Lenz HJ, et al. **Gastroenterology** 1985 Oct;89(4):791-6

[Functional, morphological and biochemical study of the jejunal mucosa in cryptogenetic colitis] Soulé JC, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):800-7 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Dose fractionation effects in low dose rate irradiation of jejunal crypt stem cells. Huczkowski J, et al. **Int J Radiat Biol** 1934 Sep;46(3):293-8

Time-temperature relationships for hyperthermal radiosensitisation in mouse intestine: influence of thermotolerance. Hume SP, et al. **Radiother Oncol** 1985 Feb;3(2):165-71

Rutoside and the X-ray induced damage in jejunal mucosa of mouse. Rao KR, et al. **Strahlentherapie** 1984 Oct;160(10):624-6

RADIOGRAPHY

Adaptation of the ileum in nontropical sprue: reversal of the jejunoileal fold pattern. Bova JG, et al. **AJR** 1985 Feb;144(2):299-302

Intramural gas in the small bowel followed by chronic obstruction. Waldron RP, et al. **Postgrad Med J** 1985 Jun;61(716):537-8

SECRETION

Omeprazole inhibits H+ secretion by Amphiuma jejunum. White JF. **Am J Physiol** 1985 Feb;248(2 Pt 1):G256-9

Secretory effects of intravenous serotonin on the proximal jejunum of the awake dog. McFadden D, et al. **Am J Surg** 1985 Jan;149(1):60-4

Jejunal secretory effect of intraduodenal food in humans. A comparison of mixed nutrients, proteins, lipids, and carbohydrates. Miazza B, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1215-22

Release of glucagon-like immunoreactive material (GLI) from the isolated perfused jejunum of normal and diabetic rats. Wójcikowski C, et al. **Horm Metab Res** 1985 Feb;17(2):105-6

Verapamil inhibition of the intestinal effects of substance P. Zinner MJ, et al. **Surgery** 1985 Aug;98(2):230-5

SURGERY

Postoperative duodenal fistulas. A report of 23 cases with emphasis on the surgical treatment by the Roux-en-Y operation. De Backer A, et al. **Acta Chir Belg** 1985 May-Jun;85(3):185-91

Long-term results of jejunoileostomy for extreme obesity. Góral R, et al. **Acta Chir Scand** 1985;151(2):151-8

Reduced intestinal permeability to low-molecular-weight polyethyleneglycols (PEG 400) in patients with jejunoileal bypass. Sundqvist T, et al. **Acta Chir Scand** 1984;150(7):567-71

Experiences with antireflux valves in jejunoileal bypass surgery. Wiklund B, et al. **Acta Chir Scand** 1985;151(2):159-62

Neurotensin-like immunoreactivity in plasma after fat intake in normal and obese subjects and after jejunoileal bypass. Wiklund B, et al. **Acta Chir Scand** 1985;151(4):361-5

Surgery for obesity. An overview. Halpern NB. **Ala J Med Sci** 1985 Jan;22(1):53-7 (31 ref.)

Late effects of gastric bypass for obesity. Crowley LV, et al. **Am J Gastroenterol** 1984 Nov;79(11):850-60

Night blindness after jejunoileal bypass surgery. Parker WT, et al. **Am J Gastroenterol** 1985 Jul;80(7):535-7

The bypassed stomach. Flickinger EG, et al. **Am J Surg** 1985 Jan;149(1):151-6

Effects of jejunoileal bypass on food intake, amino acid levels, and indoleamine metabolism in rats. Herlin PM, et al. **Am J Surg** 1985 Jun;149(6):739-44

Prolonged enteral nutrition in malnourished patients with nonelemental feeding. Reappraisal of surgical technique, safety, and costs. Hinsdale JG, et al. **Am J Surg** 1985 Mar;149(3):334-8

Portoenterostomy diversion. Experimental study in antireflux technique. Moran JM, et al. **Am J Surg** 1985 Feb;149(2):248-51

Morbid obesity. Second gastric operations for poor weight loss. Buckwalter JA, et al. **Am Surg** 1985 Apr;51(4):208-11

Endoscopic balloon dilation of outlet stenosis after gastric bypass. Lineaweaver W, et al. **Am Surg** 1985 Apr;51(4):194-6

Long-term results of jejunoileal bypass in the young. Organ CH Jr, et al. **Am Surg** 1984 Nov;50(11):589-93

Repair of traumatic cervical esophageal stenosis using microvascular free jejunum transfer. McCaffrey TV, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):512-6

Stenosis at the choledochojejunostomy anastomosis following pancreatico-duodenectomy when the common bile duct is of normal calibre. Chadwick SJ, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):319-20

Circulating immune complexes containing secretory IgA in jejunoileal bypass disease. Clegg DO, et al. **Ann Rheum Dis** 1985 Apr;44(4):239-44

Duodenojejunostomy for the pancreaticobiliary complications of duodenal diverticulum. Critchlow JF, et al. **Ann Surg** 1985 Jul;202(1):56-8

Endoscopy of the partitioned stomach. Strodel WE, et al. **Ann Surg** 1984 Nov;200(5):582-6

Neurotensin, vasoactive intestinal peptide, and Roux-en-Y gastrojejunostomy. Their role in the dumping syndrome. Sirinek KR, et al. **Arch Surg** 1985 May;120(5):605-9

Rheumatoid arthritis associated with jejunoileal bypass. Drenick EJ, et al. **Arthritis Rheum** 1984 Nov;27(11):1300-5

Caroli's disease: successful management using permanent-access hepaticojejunostomy. Barker EM, et al. **Br J Surg** 1985 Aug;7(8):641-3

A 13-year review of jejunoileal bypass. McFarland RJ, et al. **Br J Surg** 1985 Feb;72(2):81-7

Partial gastrectomy with Roux-en-Y reconstruction in the treatment of persistent or recurrent oesophagitis after Nissen fundoplication. Salo JA, et al. **Br J Surg** 1985 Aug;7(8):623-5

Fine bore jejunostomy feeding following major abdominal surgery: a controlled randomized clinical trial. Smith RC, et al. **Br J Surg** 1985 Jun;72(6):458-61

Phenytoin absorption following jejunoileal bypass. Peterson DI. **Bull Clin Neurosci** 1983;48:148-9

Roux-en-Y jejunojejunostomy: a modified technic to prevent reflux. Zeng XJ. **Chin Med J [Engl]** 1984 Aug;97(8):551-6

Observations on the metabolic effects of partial jejunoileal bypass in streptozotocin-treated rats. Morsiani E, et al. **Eur Surg Res** 1985;17(1):25-32

Perspectives on gastrointestinal surgery for treatment of morbid obesity: the lesson learned. Adibi SA, et al. **Gastroenterology** 1984 Dec;87(6):1381-91 (65 ref.)

Nausea, vomiting, and abdominal pain after Roux-en-Y anastomosis: motility of the jejunal limb. Mathias JR, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):101-7

Functional and structural changes in intestinal smooth muscle after jejunoileal bypass in rats. Weisbrodt NW, et al. **Gastroenterology** 1985 Apr;88(4):958-63

Endoscopic gastrojejunostomy: a technique to establish small bowel feeding without laparotomy. Gottfried EB, et al. **Gastrointest Endosc** 1984 Dec;30(6):355-7

Endocytosis and binding of asialoorosomucoid by hepatocytes from rats with jejunoileal bypass. Serbource-Goguel/Seta N, et al. **Hepatology** 1985 Mar-Apr;5(2):220-3

Relationship between weight reduction and state of malabsorption after jejunoileal bypass for excessive obesity. Werner I, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):95-100

Long-term outcome after jejunoileal bypass for morbid obesity. Mustajoki P, et al. **Int J Obes** 1984;8(4):319-25

Oral L-carnitine administration after jejunoileal by-pass surgery. Seccombe D, et al. **Int J Obes** 1984;8(5):427-33

Thrombocytopenia as an epiphenomenon to excessive weight loss after gastric operation (bypass, gastroplasty). Dvilansky A, et al. **Int J Tissue React** 1984;6(5):443-4

Hepatico-jejuno-duodenoplasty for biliary stricture. Mazzeo F, et al. **Int Surg** 1984 Oct-Dec;69(4):331-3

Simultaneous replacement of a failed jejunoileal bypass with a gastric bypass. Charuzi I, et al. **Isr J Med Sci** 1984 Dec;20(12):1183-5

Pathophysiological patterns of hepaticojejunostomy. Scintigraphic evaluation. De Angelis R, et al. **Ital J Surg Sci** 1984;14(4):307-11

Migratory polyarthralgia following intestinal bypass. A case report. Page JC. **J Am Podiatr Med Assoc** 1985 Mar;75(3):153-5

Examination of the excluded distal stomach after gastric bypass for obesity. Rankin RN, et al. **J Can Assoc Radiol** 1985 Jun;36(2):146-7

Optic atrophy following jejunoileal bypass. Haag JR, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):9-15

Intestinal tapering and lengthening for short bowel syndrome. Thompson JS, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):495-7

Stimulation of bile output by gastrointestinal hormones following portoenterostomy for biliary atresia. Isenberg JN, et al. **J Pediatr Surg** 1984 Aug;19(4):471-5

Effect of different drinks on fluid and electrolyte losses from a jejunostomy. Newton CR, et al. **J R Soc Med** 1985 Jan;78(1):27-34

Bacterial contamination of the feeding bag during catheter jejunostomy: exogenous or endogenous Origin? [letter] de Leeuw I, et al. **JPEN** 1984 Sep-Oct;8(5):591-2

Glucose handling in morbid obesity and the effects of surgically induced weight loss. Dooner J, et al. **JPEN** 1984 Nov-Dec;8(6):660-4

Cholesterol precursors and their diurnal rhythm in lipoproteins of patients with jejuno-ileal bypass and ileal dysfunction. Miettinen TA. **Metabolism** 1985 May;34(5):425-30

Pneumatosis intestinalis associated with enteral feeding by catheter jejunostomy. Zern RT, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):81S-83S

Contemporary surgery of biliary atresia. Lilly JR, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1233-46 (48 ref.)

The National Institutes of Health point of view [letter] Randolph JG. **Pediatrics** 1985 Apr;75(4):802-3

The effects of ileal transposition and jejunoileal bypass on food intake and GI hormone levels in rats. Koopmans HS, et al. **Physiol Behav** 1984 Oct;33(4):601-9

Aversive consequences of jejunoileal bypass in the rat: a conditioned taste aversion analysis. Sclafani A, et al. **Physiol Behav** 1985 May;34(5):709-19

Transhepatic transcatheter puncture of an occluded biliary intestinal anastomosis for recanalization. Guenther RW. **Radiology** 1985 Apr;155(1):249-50

Gastric outlet obstruction after Roux-en-Y gastrojejunostomy. van Marle J, et al. **S Afr J Surg** 1984 Nov-Dec;22(4):229-35

Treatment with high-dose oral vitamin D2 in patients with jejunoileal bypass for morbid obesity. Effects on calcium and magnesium metabolism, vitamin D metabolites, and faecal lag time. Charles P, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1031-8

The influence of jejunoileal ratio on plasma electrolytes and liver function in intestinal bypass for morbid obesity. A randomized trial. Håkansson T, et al. **Scand J Gastroenterol** 1985 Mar;20(2):179-82

Mucosal growth and enzyme activity during the early phase of adaptation after jejunal bypass in the rat. Skagen DW. **Scand J Gastroenterol** 1984 Oct;19(7):983-9

Faecal steroids after jejunoileal bypass with 3:1 or 1:3 jejunoileal ratio. Sørensen TI, et al. **Scand J Gastroenterol** 1985 Mar;20(2):205-8

Complications requiring operative intervention after gastric bariatric surgery. Fakhry SM, et al. **South Med J** 1985 May;78(5):536-8

Response of gastric acid and gut hormones in biliary tract reconstruction using an interposed jejunum or ileum in dogs. Imamura M, et al. **Surg Gastroenterol** 1984;3(1):51-8

Reversal of jejunoileal bypass. Buckwalter JA, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):348-52

Long term results of pancreaticojejunostomy in chronic pancreatitis. Holmberg JT, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):339-46

A new approach for the reconstruction of continuity of the alimentary tract after pancreaticoduodenotomy. Lygidakis NJ, et al. **Surg Gynecol Obstet** 1985 May;160(5):453-8

Use of the EEA stapling device in anastomoses of the small intestine. Reed WP, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):163-5

Gastritis after gastric bypass surgery. McCarthy HB, et al. **Surgery** 1985 Jul;98(1):68-71

Searching for the best weight reduction operation. Rucker RD Jr, et al. **Surgery** 1984 Oct;96(4):624-31

The effects of reversal of jejunoileal bypass operations on hepatic triglyceride content and hepatic morphology. Styblo T, et al. **Surgery** 1984 Oct;96(4):632-41

Initial human pancreas transplantation and attempts to improve pancreatic duct anastomosis. Harle IA, et al.

Transplant Proc 1985 Aug;17(4):1955-8

Carcinoma as a possible complication of jejunoileal bypass operation [letter] Voss S, et al. **West J Med** 1984 Nov; 141(5):686-7

Hepaticojejunostomy using the left biliary trunk for iatrogenic biliary lesions: the French connection. Hepp J. **World J Surg** 1985 Jun;9(3):507-11

Intrathoracic esophagojejunostomy following the resection of the lower esophagus--Tohru Ohsawa, pioneer in surgery of the esophagus. Imamura M, et al. **World J Surg** 1985 Aug;9(4):645-7

Modified hepatic portal enterostomy for biliary atresia. Ito T, et al. **Z Kinderchir** 1984 Aug;39(4):242-5

[Wirsung's duct-jejunal anastomosis with simultaneous papilloplasty based on endoscopic retrograde cholangiopancreatography] Tasev Kh, et al. **Khirurgiia (Sofiia)** 1985;38(1):61-2 **(Bul)**

[Pathophysiological observations after jejunal interposition choledochoduodenostomy] Shi WJ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):17-8, 62 (Eng. Abstr.) **(Chi)**

[Prevention of reflux after Roux-en-Y jejunojejunostomy] Zeng XJ. **Chung Hua Wai Ko Tsa Chih** 1984 Sep; 22(9):543-4, 574 (Eng. Abstr.) **(Chi)**

[The EAA stapler in esophageal anastomoses] Droissart R, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):193-5 (Eng. Abstr.) **(Fre)**

[Investigation of biliodigestive anastomosis with the help of radiopharmaceutical products] Champailler A, et al. **Int J Nucl Med Biol** 1985;12(1):21-8 (Eng. Abstr.) **(Fre)**

[Verifying the function of hepaticojejunostomies by scintigraphy of the bile ducts] Champetier J, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):495-500 (Eng. Abstr.) **(Fre)**

[Gastric bypass in the treatment of major obesity. 15 cases] Lorcy Y, et al. **Presse Med** 1984 Nov 17;13(41):2489-92 (Eng. Abstr.) **(Fre)**

[Esophago-intestinal anastomoses] Becker HD, et al. **Chirurg** 1984 Oct;55(10):613-22 **(Ger)**

[Total duodenal diversion by fundo-jejunostomy with Roux-Y-loop in the treatment of severe postoperative recurrent reflux esophagitis] Hollender LF, et al. **Chirurg** 1985 May;56(5):311-4 (Eng. Abstr.) **(Ger)**

[Gastrointestinal anastomoses] Thiede A, et al. **Chirurg** 1984 Oct;55(10):623-31 **(Ger)**

[Biliodigestive anastomoses in benign bile duct diseases] Tondelli P, et al. **Chirurg** 1984 Dec;55(12):777-86 **(Ger)**

[Catheter jejunostomy--a surgical complement to postoperative parenteral feeding] Rogenhofer H, et al. **Fortschr Med** 1985 Feb 28;103(8):211-4 (Eng. Abstr.) **(Ger)**

[Osteopenia caused by metabolic changes following jejuno-ileal bypass for obesity] Prikazska M, et al. **Radiol Diagn (Berl)** 1984;25(5):563-8 (Eng. Abstr.) **(Ger)**

[Adaptational changes in the gastrointestinal tract following jejuno-ileal bypass for obesity] Prikazska M, et al. **Radiol Diagn (Berl)** 1984;25(5):555-62 (Eng. Abstr.) **(Ger)**

[Feeding jejunostomy] Mona D. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1443-50 (Eng. Abstr.) **(Ger)**

[Reservoir capacity of esophagojejunostomy following gastrectomy determined by the radioisotope method] Walter F, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):275-84 (Eng. Abstr.) **(Ger)**

[Ulcer risk of reflux-preventing reconstruction following stomach resection--an animal experiment study] Schumpelick V, et al. **Z Gastroenterol** 1984 Nov; 22(11):630-43 (Eng. Abstr.) **(Ger)**

[Comparison of gastric bypass and gastroplasty for morbid obesity] Barzilai A, et al. **Harefuah** 1985 Feb 1;108(3):113-9 (Eng. Abstr.) **(Heb)**

[Pancreatico-jejunal anastomosis in the treatment of chronic pancreatitis and calculosis of the Wirsung's duct] Gargano E, et al. **Ann Ital Chir** 1984;56(2):117-24 (Eng. Abstr.) **(Ita)**

[The use of mechanical suturing in esophago-jejunal anastomoses] Tanzini G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2079-82 (Eng. Abstr.) **(Ita)**

[Minimal jejunostomy for early postoperative enteral feeding: technic and results] Negri G, et al. **Chir Ital** 1983 Dec; 35(6):872-84 (Eng. Abstr.) **(Ita)**

[The interposed jejunal loop after resection for gastric ulcer (endoscopic study)] Trignano M, et al. **Chir Ital** 1984 Aug; 36(4):669-73 (Eng. Abstr.) **(Ita)**

[Surgical therapy of morbid obesity by intestinal by-pass] Doldi SB. **Minerva Chir** 1984 Oct 15;39(19):1287-92 **(Ita)**

[Surgical therapy of severe obesity: results and complications. Our experience with termino-lateral jejuno-ileal bypass (personal method)] Forestieri P, et al. **Minerva Chir** 1984 Oct 15;39(19):1307-14 **(Ita)**

[Esophagojejunostomy after total gastrectomy in the treatment of carcinoma of the distal third of the esophagus. School cases] Grande M, et al. **Minerva Chir** 1985 Mar 31;40(6):289-93 (Eng. Abstr.) **(Ita)**

[Indications and criteria for selection in the surgical treatment of severe obesity] Lattuada E, et al. **Minerva Chir** 1984 Oct 31;39(20):1351-4 **(Ita)**

[Early complications of the laparotomy wound in morbid obesity patients subjected to an intestinal bypass] Micheletto G, et al. **Minerva Chir** 1984 Oct 31; 39(20):1361-5 **(Ita)**

[Wirsung-jejunostomy in the surgical therapy of chronic recurrent pancreatitis] Monti GF, et al. **Minerva Chir** 1985 Apr 15;40(7):521-6 **(Ita)**

[Gastric bypass in the therapy of obesity. Indications and results] Morino F, et al. **Minerva Chir** 1984 Oct 15; 39(19):1293-7 (Eng. Abstr.) **(Ita)**

[Ten-year experience with the surgery of morbid obesity. Apropos of 120 surgery cases] Santoro E. **Minerva Chir** 1984 Oct 15;39(19):1315-20 **(Ita)**

[Aspects of the ambulatory control of morbid obesity patients subjected to a jejunoileal bypass] Scaravaggi V, et al. **Minerva Chir** 1984 Oct 31;39(20):1373-7 **(Ita)**

[Development of alternative interventions in the treatment of portal hypertension] Staudacher V, et al. **Minerva Chir** 1984 Nov 15;39(21):1525-8 **(Ita)**

[Proposal of a technic for digestive reconstruction after total gastrectomy] Vincre G, et al. **Minerva Chir** 1984 Nov 15; 39(21):1453-6 (Eng. Abstr.) **(Ita)**

[Changes in the principal hematochemical parameters of the hepatic function after jejunoileal bypass] Vita PM, et al. **Minerva Chir** 1984 Oct 31;39(20):1421-8 **(Ita)**

[Incidence, prevention and therapy of electrolyte imbalance in jejunoileal bypass] Vita PM, et al. **Minerva Chir** 1984 Oct 31;39(20):1367-72 **(Ita)**

[The appraisal of biliary drainage for intrahepatic gall stones, with special reference to an end-to-side hepaticojejunostomy] Konishi K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1128-32 (Eng. Abstr.) **(Jpn)**

[The influence of obstructive jaundice on wound healing of pancreatico-jejunostomy with reference to the function of the pancreas as assessed by glucose tolerance and pancreozymin-secretin test] Takahashi S. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1332-43 (Eng. Abstr.) **(Jpn)**

[Influences of the biliary reconstructions by Roux-en Y method and jejunal interposition method on the gastric acid secretion in dogs] Tatsumi M. **Nippon Geka Gakkai Zasshi** 1984 Jul;85(7):705-18 (Eng. Abstr.) **(Jpn)**

[An antiperistaltic duodenojejunal pouch in the reconstruction of digestive transit after subtotal and total gastrectomy and in the postgastrectomy syndrome. Results] Safatle NF. **Arq Gastroenterol** 1984 Oct-Dec;21(4):172-82 (Eng. Abstr.) **(Por)**

[Antiperistaltic duodenojejunal pouch in the reconstruction of digestive transit after subtotal, total gastrectomy and in the postgastrectomy syndrome. Technic] Safatle NF. **Arq Gastroenterol** 1984 Apr-Jun;21(2):59-67 (Eng. Abstr.) **(Por)**

[Insulin secretion and pancreatojejunal diversion in patients with chronic alcoholic pancreatitis] Penteado S, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct; 39(5):223-6 (Eng. Abstr.) **(Por)**

[The immediate results of the Deloyers operation] Socor C, et al. **Rev Chir [Chir]** 1984 May-Jun;33(3):205-7 (Eng. Abstr.) **(Rum)**

[Invagination into Braun's anastomosis] Arbobov MK, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):126-7 **(Rus)**

[Isoantiperistaltic jejunogastroplasty during gastrectomy] Poliakov MA. **Khirurgiia (Mosk)** 1984 Dec;(12):101-4 **(Rus)**

[Creation of a esophago-intestinal anastomosis during gastrectomy] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):114-7 **(Rus)**

[Transcutaneous transhepatic dilatation of a stricture of a hepaticojejunal anastomosis] Domanskii BV, et al. **Klin Khir** 1984 Sep;(9):67-8 **(Rus)**

[Effect of jejunoileoshunting on hyperlipoproteinemia in patients with pathologic obesity] Sedletskii IuI. **Klin Khir** 1985 Feb;(2):13-5 (Eng. Abstr.) **(Rus)**

[Pancreatogastroduodenal resection with decompression of the anastomosis area] Kasum'ian SA. **Vestn Khir** 1984 Aug; 133(8):40-2 (Eng. Abstr.) **(Rus)**

[Method of surgical treatment of patients with hyperlipoproteinemia] Lebedev LV, et al. **Vestn Khir** 1985 May;134(5):51-5 (Eng. Abstr.) **(Rus)**

[Pancreatojejunostomy in chronic pancreatitis] Panchenko SN. **Vestn Khir** 1984 Aug;133(8):38-40 (Eng. Abstr.) **(Rus)**

[Follow-up of biliary-digestive anastomoses using gammagraphy of the bile ducts (Tc99m-HIDA) Apropos of 20 cases] Alarco Hernandez A, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):326-30 (Eng. Abstr.) **(Spa)**

[Complications of surgery for obesity. II. Late complications] Ingelmo Setien A, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):81-8 (98 ref.) (Eng. Abstr.) **(Spa)**

[Tactical and technical aspects of anti-obesity jejuno-ileal bypass. Follow-up of a patient operated on 51/2 years previously] Martinez Diez M, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):413-23 (Eng. Abstr.) **(Spa)**

[Hepato-jejunal anastomosis using a transhepatic sonde and a mucous membrane patch in high benign stenosis] Perez Catzin F, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec; 49(4):243-6 (Eng. Abstr.) **(Spa)**

TRANSPLANTATION

Revascularized jejunal graft replacing the cervical esophagus: radiographic evaluation. Williford ME, et al. **AJR** 1985 Sep;145(3):533-6

Jejunal interposition for recurrent gastroesophageal reflux in children. Pasch AR, et al. **Am J Surg** 1985 Aug; 150(2):248-51

Replacement of the pharynx after pharyngolaryngectomy [letter] Simms MH, et al. **Ann R Coll Surg Engl** 1985 Mar; 67(2):135-6

Monitoring free vascularised jejunum grafts. Katsaros J, et al. **Br J Plast Surg** 1985 Apr;38(2):220-2

Complications associated with free jejunal graft reconstruction of the pharyngoesophagus--a multiinstitutional experience with 52 cases. Gluckman JL, et al. **Head Neck Surg** 1985 Jan-Feb;7(3):200-5

Structural and functional evolution of jejunal allograft rejection in rats and the ameliorating effects of cyclosporine therapy. Madara JL, et al. **J Clin Invest** 1985 Feb; 75(2):502-12

The use of bowel interposed between proximal and distal ureter in urinary tract reconstruction. Casale AJ, et al. **J Urol** 1985 Oct;134(4):737-40

Reconstruction of the esophagus by microvascular surgery. Kato H, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):379-84

Advanced applications of revascularized free jejunal flaps for difficult wounds of the head and neck. Nahai F, et al. **Plast Reconstr Surg** 1984 Dec;74(6):778-82

Reconstruction of the pharyngoesophagus following pharyngoesophagectomy and irradiation therapy. Nozaki M, et al. **Plast Reconstr Surg** 1985 Sep;76(3):386-94

[The free jejunal graft for the reconstruction of the hypopharynx and cervical esophagus] Schultz-Coulon HJ, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):151-6 (Eng. Abstr.) **(Ger)**

[Replacement of the cervical esophagus by a free small intestine transplant in swine] Zimmermann H, et al. **Helv Chir Acta** 1985 Apr;52(1):83-5 (Eng. Abstr.) **(Ger)**

[The jejunum for the retrosternal reconstruction of the esophagus] Bernat M, et al. **Zentralbl Chir** 1984; 109(16):1076-80 **(Ger)**

[Risk of ulcer in Billroth I interposition] Schumpelick V, et al. **Zentralbl Chir** 1984;109(18):1188-96 (Eng. Abstr.) **(Ger)**

[Reconstruction of oral defects using free revascularized jejunum transfer] Sakamoto H, et al. **Gan No Rinsho** 1985 Jul;31(8):908-13 (Eng. Abstr.) **(Jpn)**

[Gastroplasty procedure using a pedicled jejunal mucosal patch] Grigorescu A, et al. **Rev Chir [Chir]** 1985 Mar-Apr; 34(2):155-60 (Eng. Abstr.) **(Rum)**

[Substitution of the cervical esophagus with a free graft of revascularized small intestine] Serrano Rebeil A, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):1-4 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Clinical, histological, and electron microscopic study of mast cell disease of the small bowel. Braverman DZ, et al. **Am J Gastroenterol** 1985 Jan;80(1):30-7

The microvillus in adult jejunal mucosa--an electron microscopic study. Sinclair TS, et al. **Histopathology** 1984 Sep;8(5):739-46

Electron microscopic studies of jejunum of mice infected with Giardia lamblia. Ganguly NK, et al. **Indian J Med Res** 1985 Jan;81:102-10

Reconstitution of a partially purified Na + -dependent D-glucose transport system from rat jejunal brush border membranes. Ling KY, et al. **Int J Biochem** 1985; 17(3):365-72

Topography and enterocyte morphology of the small bowel mucosal surface in equine granulomatous enteritis. Lindberg R, et al. **J Comp Pathol** 1985 Jan;95(1):65-78

Intestinal morphology, marker enzymes and lipid content of brush border membranes from rabbit jejunum and ileum: effect of aging. Keelan M, et al. **Mech Ageing Dev** 1985 Jun;31(1):49-68

[Ultrastructural study of cells of the functioning and excluded intestinal epithelium of morbid obesity patients subjected to a jejunoileal bypass] Doldi SB, et al. **Minerva Chir** 1984 Oct 31;39(20):1391-8 **(Ita)**

[Morphologic study by scanning electron microscope of the mucosa of the functioning and excluded intestinal segments after jejunoileal bypass] Doldi SB, et al. **Minerva Chir** 1984 Oct 31;39(20):1399-404 **(Ita)**

JELLYFISH see under **COELENTERATA**

JELLYFISH VENOMS see **COELENTERATE VENOMS**

JERNE'S PLAQUE TECHNIC see **HEMOLYTIC PLAQUE TECHNIC**

JEWS

see related

JUDAISM

Cervical intraepithelial neoplasia and associated condylomatous lesions. A preliminary report on 4,764 women from Northern Israel. Suprun HZ, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):334-40

Diagnosis of familial dysautonomia in the neonatal period. Kaplan M, et al. **Acta Paediatr Scand** 1985 Jan;74(1):131-2

Alcohol drinking in Jerusalem. Baras M, et al. **Alcohol** 1984 Nov-Dec;1(6):435-9

The development of benign prostatic hyperplasia among volunteers in the Normative Aging Study. Glynn RJ, et al. **Am J Epidemiol** 1985 Jan;121(1):78-90

Genetic heterogeneity in Gaucher disease: physicokinetic and immunologic studies of the residual enzyme in cultured fibroblasts from non-neuronopathic and neuronopathic patients. Grabowski GA, et al. **Am J Med Genet** 1985 Jul; 21(3):529-49

Genetic polymorphisms among Bukharan and Georgian Jews in Israel. Levene C, et al. **Am J Med Genet** 1984 Dec; 19(4):623-41

A private view of heterozygosity: eight-year follow-up study on carriers of the Tay-Sachs gene detected by high school screening in Montreal. Zeesman S, et al. **Am J Med Genet** 1984 Aug;18(4):769-78

High-risk population for Down syndrome: orthodox Jews in Jerusalem. Sharav T. **Am J Ment Defic** 1985 Mar; 89(5):559-61

A morphological approach to the problem of the biological similarity of Jewish and non-Jewish populations. Kobyliansky E, et al. **Ann Hum Biol** 1985 May-Jun; 12(3):203-12

HL-A antigen in Sjögren's syndrome. Nahir AM, et al. **Ann Ophthalmol** 1980 Sep;12(9):1084-6

Artificial and baboon heart implantation: the Jewish view [letter] Rosner F. **Arch Intern Med** 1985 Jul;145(7):1330

Premalignant lesions and microinvasive carcinoma of the cervix in Jewish women: an epidemiological study. Baram A, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):4-8

Commissural lip pits in Israeli Jews of different ethnic origin. Gorsky M, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):195-6

Prevalence of dental decay in Jewish and Arab schoolchildren in the Jerusalem area. Ran F, et al. **Community Dent Oral Epidemiol** 1985 Apr;13(2):97-9

ABO and RH blood groups and blood pressure in Jerusalem 17 year olds. Kark JD, et al. **Hum Biol** 1984 Dec; 56(4):759-69

Dermatoglyphic distances between Israeli Jewish population groups of different geographic extraction. Micle S, et al. **Hum Biol** 1985 Feb;57(1):97-111

Ethnic differences in adulthood growth attainment of first generation Israelis and in their babies' birth weights. Palgi A. **Hum Biol** 1984 May;56(2):355-64

Respiratory tuberculosis mortality among the Sephardic Jews of Gibraltar. Sawchuk LA, et al. **Hum Biol** 1984 May; 56(2):291-306

Techniques for estimating genetic admixture and applications to the problem of the origin of the Icelanders and the Ashkenazi Jews. Wijsman EM. **Hum Genet** 1984; 67(4):441-8

Prevalence of chlorpropamide alcohol flush in Jewish Israeli diabetics. The role of serum chlorpropamide concentrations. Segal P, et al. **Isr J Med Sci** 1985 Feb; 21(2):98-101

Effect of mass BCG vaccination at birth on the incidence of tuberculosis among Jewish children in Israel. Zilber N, et al. **Isr J Med Sci** 1984 Dec;20(12):1150-7

A review of theory and research on drinking patterns among Jews. Flasher LV, et al. **J Nerv Ment Dis** 1984 Oct; 172(10):596-603 (44 ref.)

Changing trends of cervical neoplasia in Israeli Jews [letter] Schachter A, et al. **Lancet** 1984 Nov 17;2(8412):1150

Genetic links for scattered Jews [news] Meyers N. **Nature** 1985 Mar 21-27;314(6008):208

Black-Jewish relationships. Access to health services and health careers. Wolfe S. **NY State J Med** 1985 Apr; 85(4):137-8

Physiologic pigmentation of the gingiva in Israeli Jews of different ethnic origin. Gorsky M, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):506-9

An unusual presentation of opalescent dentin and Brandywine isolate hereditary opalescent dentin in an Ashkenazic Jewish family. Heimler A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):608-15

Amyloidotic polyneuropathy in a Jewish family. Evidence for the genetic heterogeneity of the lower limb familial amyloidotic neuropathies. Gafni J, et al. **Q J Med** 1985 Apr;55(216):33-44

Tay-Sachs disease: knowledge and attitudes of the rabbinical community. Abuelo DN, et al. **RI Med J** 1985 May; 68(5):225-6

HLA-linked SB antigens in Israel. Population study, analysis of homozygous typing cells and generation of local SB reagents. Cohen N, et al. **Tissue Antigens** 1984 Aug; 24(2):113-20

Yt (Cartwright) blood groups among Israeli Jews [letter] Levene C, et al. **Transfusion** 1985 Mar-Apr;25(2):180

[Psychological aspects of anti-Semitism in fascist writers] Szafran AW. **Acta Psychiatr Belg** 1984 May-Jun; 84(3):273-83 (Eng. Abstr.) **(Fre)**

HISTORY

Jews in dermatology [letter] King DF, et al. **Am J Dermatopathol** 1984 Aug;6(4):415-6

A psychohistorical source of psychoanalysis--malformed Jewish psyches in an immolating setting. Rosenman S. **Isr J Psychiatry Relat Sci** 1984;21(2):103-16

Illustrations from the Wellcome Institute Library. A Jewish physician in the seventeenth century. Allan N. **Med Hist** 1984 Jul;28(3):324-8

['Can you make a potato?'; reminiscences of a person in hiding] Meijler FL. **Ned Tijdschr Geneeskd** 1985 May 4; 129(18):830-2 **(Dut)**

[History of the founding of the Jewish Hospital in Wroclaw] Heimrath T. **Arch Hist Med (Warsz)** 1985;48(2):161-6 (Eng. Abstr.) **(Pol)**

[Children and war] Bartelski LM. **Przegl Lek** 1985; 42(1):113-20 **(Pol)**

[Fragments of reminiscences from Lwow] Kielanowski T. **Przegl Lek** 1985;42(1):127-35 **(Pol)**

[History of the health care profession in the town of Novi Sad] Sosberger P. **Med Pregl** 1985;38(3-4):211-5 (Eng. Abstr.) **(Scr)**

PSYCHOLOGY

Stability of coping style 33 years after prolonged exposure to extreme stress. Sigal JJ, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):559-66

The effect of cultural conceptions on therapy: a comparative study of patients in Israeli psychiatric clinics. Minuchin-Itzigsohn SD, et al. **Cult Med Psychiatry** 1984 Sep;8(3):229-54

Beliefs of Orthodox Jewish girls about menstruation. Brooks MH. **Fam Pract** 1984 Jun;1(2):113-6

Contraception and religiousness in a general practice population in Israel. Sandiuk A, et al. **Fam Pract** 1984 Mar; 1(1):37-41

Fear of crime among elderly Jews in Boston and London. Ginsberg Y. **Int J Aging Hum Dev** 1984-85;20(4):257-68

Growing up in 'Geula': socialization and family living in an ultra-orthodox Jewish subculture. Goshen-Gottstein ER. **Isr J Psychiatry Relat Sci** 1984;21(1):37-55

Perceived control of nutrition behavior: a study of the locus of control theory among healthy subjects. Eden I, et al. **J Am Diet Assoc** 1984 Nov;84(11):1334-9

Parental communication of Holocaust experiences and personality characteristics among second-generation survivors. Lichtman H. **J Clin Psychol** 1984 Jul; 40(4):914-24

Transgenerational effects of the holocaust: externalization of aggression in second generation of holocaust survivors. Nadler A, et al. **J Consult Clin Psychol** 1985 Jun; 53(3):365-9

In search of the saddiq: visitational dreams among Moroccan Jews in Israel. Bilu Y, et al. **Psychiatry** 1985 Feb; 48(1):83-92

Assessing the psychological being of the Jewish immigrant. Schur TG. **Wis Med J** 1984 Aug;83(8):16-8

[Time does not heal all wounds] Cohen EA. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):826-7 **(Dut)**

[Sequential traumatization of children] Keilson H. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):832-4 **(Dut)**

['Unto the 3d and 4th generation'. The persecution trauma of the generation of grandchildren] Ahlheim R. **Psyche (Stuttg)** 1985 Apr;39(4):330-54 (Eng. Abstr.) **(Ger)**

['The Mark of Oppression'. Ethnopsychoanalytic study of Jews and homosexuals in a relatively permissive culture] Parin P. **Psyche (Stuttg)** 1985 Mar;39(3):193-219 (Eng. Abstr.) **(Ger)**

JIRD see **GERBILLINAE**

JOB APPLICATION see under **PERSONNEL MANAGEMENT**

JOB DESCRIPTION see under **PERSONNEL MANAGEMENT**

JOB SATISFACTION

see related
EMPLOYMENT

Toward a differentiated view of burnout: personal and organizational mediators of job satisfaction and stress. Eisenstat RA, et al. **Am J Community Psychol** 1984 Aug; 12(4):411-30

Decision making and job satisfaction among youth workers in community-based agencies. Frank S, et al. **Am J Community Psychol** 1985 Jun;13(3):269-87

Changes in staff satisfactions after increases in pay, autonomy, and participation. Sarata BP. **Am J Community Psychol** 1984 Aug;12(4):431-44

Observational study of job satisfaction in hospital pharmacy technicians. Sanford ME, et al. **Am J Hosp Pharm** 1984 Dec;41(12):2599-606

Serving profoundly mentally retarded persons: staff attitudes and job satisfaction. Silver EJ, et al. **Am J Ment Defic** 1984 Nov;89(3):297-301

Does your job work for you? Billings CV, et al. **Am J Nurs** 1985 Apr;85(4):407-9

Time allocation patterns of occupational therapists in Israel: implications for job satisfaction. Florian V, et al. **Am J Occup Ther** 1985 Jun;39(6):392-6

Is there life after tenure? Ludwig AM. **Am J Psychother** 1985 Jan;39(1):48-56

The employee pharmacist: countering the frustration. Murphy D. **Am Pharm** 1985 Jun;NS25(6):30-4

The study of stress at work. Baker DB. **Annu Rev Public Health** 1985;6:367-81

Mental health, absences from work, stress and satisfaction in a sample of New Zealand primary school teachers. Galloway D, et al. **Aust NZ J Psychiatry** 1984 Dec; 18(4):359-63

Cusp and butterfly catastrophe modeling of two opponent process models: drug addiction and work performance. Guastello SJ. **Behav Sci** 1984 Oct;29(4):258-62

The clinical impact of job design. Broadbent DE. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):33-44

Work and health: the changing context and changing roles. Griew S. **Can J Public Health** 1985 May-Jun;76 Suppl 1:51-2

Managing technological change in the workplace. Harvey EB, et al. **Can J Public Health** 1985 May-Jun;76 Suppl 1:55-7

Health promoting work. Weinstein MS. **Can J Public Health** 1985 May-Jun;76 Suppl 1:52-5

Work satisfaction among rural mental health staff. Jerrell JM. **Community Ment Health J** 1983 Fall;19(3):187-200

Intensive care nurse: job tension and satisfaction as a function of experience level. Bryson RW, et al. **Crit Care Med** 1985 Sep;13(9):767-9

Job turnover and job satisfaction among nursing home aides. Waxman HM, et al. **Gerontologist** 1984 Oct;24(5):503-9

Motivation, vocational interests and job satisfaction of mentally retarded adults. Reiter S, et al. **Int J Rehabil Res** 1985;8(1):19-28

Career satisfaction and role harmony in Afro-American women physicians. Lovelace JC. **J Am Med Wom Assoc** 1985 Jul-Aug;40(4):108-10

John Henryism and blood pressure differences among black men. II. The role of occupational stressors. James SA, et al. **J Behav Med** 1984 Sep;7(3):259-75

Relevance of job involvement and work involvement of managerial employees and blue-collar workers to their locus of control. Reddy NY, et al. **J Hum Ergol (Tokyo)** 1984 Sep;13(1):15-22

Professional burnout and its relation to job characteristics, satisfaction, and control. McDermott D. **J Human Stress** 1984 Summer;10(2):79-85

Job satisfaction and interruptions in the planned time of nursing managers. Grantham MA, et al. **J Nurs Adm** 1985 May;15(5):7,10

Overworked and underpaid: on the nature of gender differences in personal entitlement. Major B, et al. **J Pers Soc Psychol** 1984 Dec;47(6):1399-412

Faculty satisfaction, activity, and demographics: a comparison of family practice and orthopaedic surgery faculty. Fogarty JP, et al. **Milit Med** 1985 Jan;150(1):15-8

Job satisfaction among recent graduates of schools of nursing. Munro BH. **Nurs Res** 1983 Nov-Dec;32(6):350-5

It's not fun anymore. Kelso HG Jr. **Ohio State Med J** 1984 Sep;80(9):631, 689

Environmental stressors and chronic low back pain: life events, family and work environment. Feuerstein M, et al. **Pain** 1985 Jul;22(3):295-307

Meditation practice as related to occupational stress, health and productivity. Delmonte MM. **Percept Mot Skills** 1984 Oct;59(2):581-2

The work ethic as moderator variable of life stress: preliminary inquiry. Flannery RB Jr. **Psychol Rep** 1984 Oct;55(2):361-2

Correlates of job satisfaction of public school teachers: moonlighting, locus of control, and stress. Santangelo S, et al. **Psychol Rep** 1985 Feb;56(1):130

Stress, role ambiguity, and role conflict. Stout JK, et al. **Psychol Rep** 1984 Dec;55(3):747-53

Effects of job change on job satisfaction and mental strain. Kirjonen J, et al. **Scand J Work Environ Health** 1984 Dec; 10(6 Spec No):517-9

Socialization and interpersonal environment in nurses' affective reactions to work. Decker FH. **Soc Sci Med** 1985; 20(5):499-509

Job stress, cigarette smoking and cessation: the conditioning effects of peer support. Westman M, et al. **Soc Sci Med** 1985;20(6):637-44

Suggestions for increased job satisfaction for doctors and for improved patient care. Rawlins JM, et al. **West Indian Med J** 1984 Jun;33(2):87-91

[Attitude to aging. Survey of elderly employees of a large industry] Holm KF. **Z Gerontol** 1984 Nov-Dec;17(6):321-7 (Eng. Abstr.) **(Ger)**

[Data on job and career choice satisfaction among physicians based on nationwide studies] Góralczyk-Modzelewska M, et al. **Pol Tyg Lek** 1984 Oct 15;39(42):1385-90 (Eng. Abstr.) **(Pol)**

JOB'S SYNDROME see under **PHAGOCYTE BACTERICIDAL DYSFUNCTION**

JOGGING see under **RUNNING**

JOHNE'S DISEASE see **PARATUBERCULOSIS**

JOINT COMMISSION ON ACCREDITATION OF HOSPITALS see under **ACCREDITATION**

JOINT DISEASES

Intra-articular pressures and intraosseous pressure in the human knee and its implication for patello-femoral pain syndromes. An experimental study using simulated joint effusion. Hejgaard N. **Acta Orthop Belg** 1984;50(6):791-801

Bone and joint infections. An overview. Norden CW. **Am J Med** 1985 Jun 28;78(6B):204-5

The reactive enthesopathies. Fries JF. **DM** 1985 Jan;31(1):1-46 (40 ref.)

Glomus tumor of the metacarpophalangeal joint: a case report. Serra JM, et al. **J Hand Surg [Am]** 1985 Jan;10(1):142-3

Hemochromatosis--an unusual arthropathy. Rice JR. **NC Med J** 1985 Jul;46(7):395-7

CHEMICALLY INDUCED

Calcinosis of joints and periarticular tissues associated with vitamin D intoxication. Butler RC, et al. **Ann Rheum Dis** 1985 Jul;44(7):494-8

Drug-induced arthritis and arthralgia. Hart FD. **Drugs** 1984 Oct;28(4):347-54 (38 ref.)

Periarticular calcifications in association with intra-articular corticosteroid injections. Dalinka MK, et al. **Radiology** 1984 Dec;153(3):615-8

Synovial calcifications associated with long-term steroid therapy for chronic arthritis. Stelling CB, et al. **South Med J** 1984 Nov;77(11):1455-7

CLASSIFICATION

[Classification of sequelae of multiple injuries of the locomotor system] Gurgenidze NI, et al. **Ortop Travmatol Protez** 1985 Mar;(3):71-2 **(Rus)**

COMPLICATIONS

A long-term study of hemophilic arthropathy of the knee joint on a program of Factor VIII replacement given at time of each hemarthrosis. Brettler DB, et al. **Am J Hematol** 1985 Jan;18(1):13-8

Diabetic cheiroarthropathy in adult non-insulin-dependent diabetes [letter] Rossi P, et al. **Ann Rheum Dis** 1985 Feb;44(2):141-2

Bone lesions in xanthoma disseminatum. Blobstein SH, et al. **Arch Dermatol** 1985 Oct;121(10):1313-7

A familial dilated cardiomyopathy associated with cataracts and hip-spine disease. Krasnow N, et al. **Chest** 1985 Jan;87(1):56-61

Jaccoud's arthropathy in scleroderma. Bradley JD, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):337-40

Exacerbation of B27 positive spondyloarthropathy by enteric infections [letter] Herrero-Beaumont G, et al. **J Rheumatol** 1985 Apr;12(2):389

Joint contractures and acroosteolysis in Ehlers-Danlos syndrome type IV. Lewkonia RM, et al. **J Rheumatol** 1985 Feb;12(1):140-4

Coexistence of severe palmo-plantar Dupuytren's contracture, Raynaud's phenomenon and digital joint erosions. Manger B, et al. **Rheumatol Int** 1985;5(2):95-6

[Articular amyloidosis, femoral neck fracture and chronic periodic hemodialysis] Huaux JP, et al. **Rev Rhum Mal Osteoartic** 1985 Mar;52(3):179-82 **(Fre)**

[Analgesic laser therapy of patients with post-traumatic and involutional lesions of the musculoskeletal system] Ternovoi KS. **Ortop Travmatol Protez** 1984 Jul;(7):1-7 (Eng. Abstr.) **(Rus)**

CONGENITAL

Newborn with multiple joint contractures due to maternal bicornuate uterus. Zlotogora J, et al. **Isr J Med Sci** 1985 May;21(5):454-5

Congenital diastasis of the inferior tibiofibular joint: a review of the literature and report of two cases. Garbarino JL, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):225-8 (11 ref.)

DIAGNOSIS

Unusual antefemoral dissecting cyst. Corbetti F, et al. **Br J Radiol** 1985 Jul;58(691):675-7

Arthroscopy. Jhaveri S, et al. **J Assoc Physicians India** 1984 Dec;32(12):1061-3

Preliminary report on a new technique to aid diagnosis of some disorders found in hands. Wallace RG, et al. **J Hand Surg [Br]** 1985 Jun;10(2):269-72

Asymptomatic osteomyelitis of the symphysis pubis. Evans TW, et al. **Postgrad Med J** 1985 Mar;61(713):267-8

Milwaukee Shoulder syndrome: eleven additional cases with involvement of the knee in seven (basic calcium phosphate crystal deposition disease). Halverson PB, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):36-44

[A patient with Sweet's syndrome] Rampen FH, et al. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1846-8 (Eng. Abstr.) **(Dut)**

[Synoviosarcoma: presentation of a case and review of the literature] Van de Stadt J, et al. **Rev Chir Orthop** 1984;70(8):643-8 (Eng. Abstr.) **(Fre)**

[Arthroscopy of the knee at the Laval City of Health] Jean G, et al. **Union Med Can** 1984 Oct;113(10):839-41 (Eng. Abstr.) **(Fre)**

[MR of the knee joint. Imaging of the normal anatomy and pathological findings using surface coils] Steinbrich W, et al. **ROFO** 1985 Aug;143(2):166-72 (Eng. Abstr.) **(Ger)**

[Differential diagnostic aspects of posttraumatic shoulder pain] Gerber C. **Unfallheilkunde** 1984 Sep;87(9):357-62 (Eng. Abstr.) **(Ger)**

[Another case of articular hydrops in dermatitis herpetiformis Duhring] Kegel M, et al. **Z Hautkr** 1984 Dec 15;59(24):1673-6 (Eng. Abstr.) **(Ger)**

[Arthroscopy of the elbow joint--indications and results] Hempfling H. **Z Orthop** 1984 Nov-Dec;122(6):750-3 (Eng. Abstr.) **(Ger)**

[Arthrosonography--a new additional image-producing procedure in the detection of diseases of the knee joint] Sattler H, et al. **Z Rheumatol** 1984 Jul-Aug;43(4):160-6 (Eng. Abstr.) **(Ger)**

[Arthroscopy of the shoulder joint] Berner W, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984;77(2):91-8 **(Ger)**

[Diabetic neuroarthropathy of the knee: clinical case] Cozzolino F, et al. **Chir Organi Mov** 1984;69(1):79-81 (Eng. Abstr.) **(Ita)**

[A new method in the diagnosis of joint pathology: arthroscopy] Tramontano R, et al. **Minerva Med** 1985 Jul 31;76(30-31):1399-400 (Eng. Abstr.) **(Ita)**

[Prospects of using diagnostic biomechanical equipment] Kaz'min AI, et al. **Ortop Travmatol Protez** 1984 Nov;(11):70-3 **(Rus)**

[Synovial cysts of the fingers and toes] Knysh IT. **Vestn Khir** 1985 May;134(5):122-4 **(Rus)**

DRUG THERAPY

Nonsteroidal anti-inflammatory drugs and modulation of cartilaginous changes in osteoarthritis and rheumatoid arthritis. Clinical implications. Herman JH, et al. **Am J Med** 1984 Oct 15;77(4B):16-25 (117 ref.)

Sorbinil and limited joint mobility in diabetics [letter] **JAMA** 1985 Sep 20;254(11):1452-4

Clinical observations with Naprosyn. Tamási I, et al. **Ther Hung** 1982;30(4):184-8

[Proglumetacin: possible first choice in the treatment of orthopedic- traumatologic disorders] Gusso MI, et al. **Minerva Med** 1985 Mar 24;76(12):567-73 (Eng. Abstr.) **(Ita)**

[Local use of kenalog in diseases of the locomotor system] Arenberg AA, et al. **Ortop Travmatol Protez** 1985 Feb;(2):42-4 **(Rus)**

[Personal experience with therapy using the Peroxinorm 4 mg. preparation] Kováč M, et al. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):542-4 (Eng. Abstr.) **(Slo)**

ETIOLOGY

Orthopaedic complications in congenital sensory neuropathy with anhidrosis (congenital absence of pain). Report of two cases. Theodorou SD, et al. **Acta Orthop Belg** 1985 Jan-Feb;51(1):91-102

Chronic arthropathy in long-term hemodialysis. Goldstein S, et al. **Am J Med** 1985 Jan;78(1):82-6

Articular manifestations of familial hypercholesterolaemia. Mathon G, et al. **Ann Rheum Dis** 1985 Sep;44(9):599-602

Erosive azotemic osteoarthropathy: possible role of amyloidosis [letter] Huaux JP, et al. **Arthritis Rheum** 1985 Sep;28(9):1075-6

Erosive azotemic osteoarthropathy. Rubin LA, et al. **Arthritis Rheum** 1984 Oct;27(10):1086-94

Musculoskeletal lesions in yaws. Sengupta S. **Clin Orthop** 1985 Jan-Feb;(192):193-8

Osteoarticular manifestations in sickle-cell disorders. Kaklamanis P. **Clin Rheumatol** 1984 Dec;3(4):419-34 (96 ref.)

Non-enzymatic glycosylation of skin collagen in patients with type 1 (insulin-dependent) diabetes mellitus and limited joint mobility. Lyons TJ, et al. **Diabetologia** 1985 Jan;28(1):2-5

Migratory polyarthralgia following intestinal bypass. A case report. Page JC. **J Am Podiatr Med Assoc** 1985 Mar;75(3):153-5

Hand and wrist joint problems in patients with Ehlers-Danlos syndrome. Kornberg M, et al. **J Hand Surg [Am]** 1985 Mar;10(2):193-6

Radiocarpal septum after trauma. Wehbe MA, et al. **J Hand Surg [Am]** 1985 Jul;10(4):498-502

Trigger wrist caused by a giant cell tumour of tendon sheath. Suematsu N, et al. **J Hand Surg [Br]** 1985 Feb;10(1):121-3

Sacroiliac syndrome associated with lumbosacral anomalies: a case report. Bressler HB, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):171-3

Valgus deformity of the ankle joint: pathogenesis of fibular shortening. Dias LS. **J Pediatr Orthop** 1985 Mar-Apr;5(2):176-80

Physiotherapy and ill-effects [letter] Sidey JD. **Med J Aust** 1985 Jan 21;142(2):166-7

Hypothyroidism presenting as destructive arthropathy of the fingers. Gerster JC, et al. **Postgrad Med J** 1985 Feb;61(712):157-9

A mesothelioma presenting with multicentric reticulohistiocytosis. Honeybourne D, et al. **Postgrad Med J** 1985 Jan;61(711):57-9

Mseleni joint disease. Part I. An animal model? Fincham JE, et al. **S Afr Med J** 1985 Jan 12;67(2):51-7

Driller wrist (vibratory arthropathy). Rifkin MD, et al. **Skeletal Radiol** 1985;13(1):59-61

[Diabetic neurotrophic osteoarthropathy] Fried K. **Cesk Radiol** 1984 Dec;38(6):370-9 (Eng. Abstr.) **(Cze)**

[Osteoarticular lesions in Whipple's disease. Apropos of a destructive form and review of the literature] Madoule P, et al. **J Radiol** 1985 May;66(5):345-50 (Eng. Abstr.) **(Fre)**

[Articular manifestations of 11 cases of Kawasaki syndrome observed in Toscana] Bartolozzi G, et al. **Rev Rhum Mal Osteoartic** 1985 Mar;52(3):157-60 (Eng. Abstr.) **(Fre)**

[Calcium oxalate microcrystalline arthropathy in primary oxalosis] Benhamou CL, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):267-70 (Eng. Abstr.) **(Fre)**

[Arthropathy in hemochromatosis] Hehlmann R. **Dtsch Med Wochenschr** 1985 May 24;110(21):848-9 **(Ger)**

[Multiple calcareous enthesopathy. A newly detected complication of adult alcoholism] Szántó D. **Orv Hetil** 1984 Oct 14;125(42):2557-61 (Eng. Abstr.) **(Hun)**

[The elbow exposed to vibrating instruments and idiopathic diffuse skeletal hyperostosis: association or pure coincidence?] Trotta F, et al. **Minerva Med** 1984 Dec 15;75(47-48):2821-7 (Eng. Abstr.) **(Ita)**

[Acute articular rheumatism (AAR). I.] Popescu V, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan-Mar;34(1):1-30 (19 ref.) (Eng. Abstr.) **(Rum)**

[Lateral hyperpressive syndrome of the patella] Selivanov VP. **Ortop Travmatol Protez** 1984 Jul;(7):23-8 (Eng. Abstr.) **(Rus)**

[Urethritis and joint lesions] Il'in II. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):49-53 (54 ref.) **(Rus)**

[Multiple para-articular calcifications in patients with chronic renal insufficiency treated with hemodialysis and kidney transplantation] Rabkin IKh, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):45-9 (Eng. Abstr.) **(Rus)**

[Diabetic osteoarthropathy (report on 2 patients)] Krajnc I, et al. **Reumatizam** 1984;31(3-4):59-62 (Eng. Abstr.) **(Scr)**

[Articular manifestations in systemic progressive sclerosis] Messina OD, et al. **Rev Clin Esp** 1985 Apr;176(7):354-5 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Multiple microcrystal deposition within a family. Doherty M, et al. **Ann Rheum Dis** 1985 Aug;44(8):544-8

A genetic variant of Emery-Dreifuss disease. Muscular dystrophy with humeropelvic distribution, early joint contracture, and permanent atrial paralysis. Takamoto K, et al. **Arch Neurol** 1984 Dec;41(12):1292-3

The Walter J. Zeiter lecture. Inherited susceptibility to musculo-skeletal disorders. Brewerton DA. **Arch Phys Med Rehabil** 1985 Mar;66(3):137-8

Hereditary joint disorder in progressive ankylosis (ank/ank) mice. I. Association of calcium hydroxyapatite deposition with inflammatory arthropathy. Hakim FT, et al. **Arthritis Rheum** 1984 Dec;27(12):1411-20

A new syndrome with camptodactyly, joint contractures, facial anomalies, and skeletal defects: a case report and review of syndromes with camptodactyly. Rozin MM, et al. **Clin Genet** 1984 Oct;26(4):342-55

[Stickler's syndrome or hereditary progressive arthro-ophthalmopathy] Vallat M, et al. **J Fr Ophtalmol** 1985;8(4):301-7 (Eng. Abstr.) **(Fre)**

HISTORY

[Main contributions of Charcot and Pierre Marie to osteoarticular pathology] Ryckewaert A, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):405-13 **(Fre)**

IMMUNOLOGY

Defective leukocyte interferon response in children with recurrent infections accompanied by arthralgia. Bondestam M, et al. **Acta Paediatr Scand** 1985 Mar;74(2):219-25

Antibodies to peptidoglycan in spondylarthritis? [letter] Evans HB, et al. **Ann Rheum Dis** 1985 Apr;44(4):285-6

Lymphocyte proliferative responses to bacterial antigens in B27-associated arthropathies [letter] Calin A. **Br J Rheumatol** 1985 May;24(2):227

METABOLISM

N-terminal procollagen peptide and beta 2-microglobulin in synovial fluids from inflammatory and non-inflammatory joint diseases. Gressner AM, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):241-5

Sialic acid (N-acetylneuraminic acid) in the synovial fluid and serum of patients with inflammatory and non-inflammatory joint disease. Omdal R, et al. **Scand J Rheumatol** 1985;14(1):87-9

[Plasma and synovial fibronectin. Results of personal research] Lecocq J, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):393-8 (Eng. Abstr.) **(Fre)**

MICROBIOLOGY

What's new in mycotic bone and joint diseases? Schwarz J. **Pathol Res Pract** 1984 Jul;178(6):617-34

OCCURRENCE

Mseleni joint disease [editorial] **Lancet** 1985 Aug 31;2(8453):483-4

[Epidemiology of common joint diseases. Difficulties of their clinical and radiologic evaluation] Auquier L. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):435-40 (Eng. Abstr.) **(Fre)**

[Research on pathology prevalent in old age] Javicoli R. **Clin Ter** 1984 Aug 15;110(3):259-64 (Eng. Abstr.) **(Ita)**

[Changes in absenteeism trends in selected disease groups (data based on a 10-year observation)] Zoń R. **Med Pr** 1985;36(1):55-62 (Eng. Abstr.) **(Pol)**

[Hypermobility of the wrist joint in athletes] Selivanov VP. **Ortop Travmatol Protez** 1984 Aug;(8):44-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Localization and frequency of degenerative changes in the knee joint: evaluation of 200 necropsies. Kiss I, et al. **Acta Morphol Hung** 1984;32(2):155-63

Synovial membrane changes after experimental transection of the cranial cruciate ligament in dogs. Lipowitz AJ, et al. **Am J Vet Res** 1985 May;46(5):1166-70

Histopathological and ultrastructural studies of synovium in Milwaukee shoulder syndrome--a basic calcium phosphate crystal arthropathy. Halverson PB, et al. **Ann Rheum Dis** 1984 Oct;43(5):734-41

Synovitis with non-specific histological changes in synovium in chronic sarcoidosis. Palmer DG, et al. **Ann Rheum Dis** 1984 Dec;43(6):778-82

Hypothesis--a diagram of the form and origin of loose bodies in osteochondritis dissecans. Barrie HJ. **J Rheumatol** 1984 Aug;11(4):512-3

[Punctures of the joint and intra-articular injections in orthopedic ambulatory care facilities] Anders G. **Beitr Orthop Traumatol** 1984 Aug;31(8):419-25 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Hyperpressure in juvenile hip disease. Kallio P, et al. **Acta Orthop Scand** 1985 Jun;56(3):211-4

Pulmonary function in insulin-dependent diabetes mellitus with limited joint mobility. Schnapf BM, et al. **Am Rev Respir Dis** 1984 Nov;130(5):930-2

Emergency department evaluation of the swollen joint. Preslar AJ 3d, et al. **Emerg Med Clin North Am** 1984 May; 2(2):425-40 (27 ref.)

Enthesopathy of the heels in juvenile onset seronegative B-27 positive spondyloarthropathy. Gerster JC, et al. **J Rheumatol** 1985 Apr;12(2):310-4

PREVENTION & CONTROL

Value of hyaluronic acid in the prevention of contracture formation. Amiel D, et al. **Clin Orthop** 1985 Jun; (196):306-11

A joint-protection guide for nonarticular rheumatic disorders. Sheon RP. **Postgrad Med** 1985 Apr;77(5):329-38

PSYCHOLOGY

Psychological assessment in general orthopaedic practice. Gray IC, et al. **Clin Orthop** 1985 Apr;(194):258-63

RADIOGRAPHY

Degenerative deformations of the acromioclavicular joint in the elderly. Horváth F, et al. **Arch Gerontol Geriatr** 1984 Oct;3(3):259-65

Clinical significance of knee joint changes after meniscectomy. Veth RP. **Clin Orthop** 1985 Sep;(198):56-60

Radiology of the seronegative spondyloarthropathies. Kerr R, et al. **Clin Rheum Dis** 1985 Apr;11(1):113-46

Computed tomography scanning of the subtalar joint. Floyd EJ, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):533-7

Loose body within the glenohumeral joint in recurrent anterior dislocation: CT demonstration. Gould R, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):404-6

Radiographic measurement of infantile tibia vara. Foreman KA, et al. **J Pediatr Orthop** 1985 Jul-Aug;5(4):452-5

Symposium on computed tomography. **Orthop Clin North Am** 1985 Jul;16(3):357-592

Tumor involvement of peripheral joints other than the knee: arthrographic evaluation. De Smet AA, et al. **Radiology** 1985 Sep;156(3):597-601

Detection of intra-articular osteochondral bodies in the knee using computed arthrotomography. Sartoris DJ, et al. **Radiology** 1985 May;155(2):447-50

Elbow arthrography: a reassessment of the technique. Teng MM, et al. **Radiology** 1984 Dec;153(3):611-3

Joint fluoroscopy before arthrography: detection and evaluation of loose bodies. Hudson TM. **Skeletal Radiol** 1984;12(3):199-203

[Hemophilia and its skeletal changes] Döhring S. **Beitr Orthop Traumatol** 1985 Feb;32(2):73-83 (Eng. Abstr.) **(Ger)**

[Diagnosis of loose bodies in the olecranon fossa of the elbow joint] Lais E, et al. **ROFO** 1984 Dec;141(6):713-5 **(Ger)**

[Value of knee joint arthrography] Luzsa G, et al. **Orv Hetil** 1985 Apr 7;126(14):837-8, 841-4 (Eng. Abstr.) **(Hun)**

[Periarticular calcification and ossification processes in immobilized patients] Bryc S, et al. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):79-82 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

Multinuclide digital subtraction imaging in symptomatic prosthetic joints. Chafetz N, et al. **AJR** 1985 Jun; 144(6):1255-8

[Quantitative assessment of bone scintigraphy in hip joint disease] Hasegawa Y. **Nippon Seikeigeka Gakkai Zasshi** 1985 May;59(5):517-32 (Eng. Abstr.) **(Jpn)**

REHABILITATION

[Indications and value of physical therapy for osteoarticular and neurologic diseases] Meier JL, et al. **Rev Med Suisse Romande** 1984 Jul;104(7):563-7 **(Fre)**

[Functional recovery after meniscectomy of the knee. A retrospective study] Dupont L, et al. **Union Med Can** 1985 Jul;114(7):563-7, 570 (Eng. Abstr.) **(Fre)**

SURGERY

Proceedings of the Danish Orthopaedic Society. Copenhagen, October 26-27, 1984. Abstracts. **Acta Orthop Scand** 1985 Apr;56(2):179-89

Synovectomy as treatment for purulent joint infection. Tscherne H, et al. **Arch Orthop Trauma Surg** 1984; 103(3):162-4

Resection arthroplasty with Swanson's implant for posttraumatic stiffness of proximal interphalangeal joints. Iselin F, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):233-47

Arthroscopy and arthroscopic surgery. Zarins B. **Bull Rheum Dis** 1984;34(2):1-4

Chiari osteotomy--a biologic alternative for the surgical management of dysplasia of the hip joint associated with arthrosis. Simmons EH. **Hip** 1984;:14-7

Distal ulnar recession for disorders of the distal radioulnar joint. Darrow JC Jr, et al. **J Hand Surg [Am]** 1985 Jul; 10(4):482-91

One-session surgery for correction of lower extremity deformities in children with cerebral palsy. Norlin R, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):208-11

Arthroscopic removal of loose bodies from the knee. Stother IG, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):246-8

Richard Smith ankle arthroplasty. Kirkup J. **J R Soc Med** 1985 Apr;78(4):301-4

Early post operative management following meniscectomy. Green AD, et al. **Ulster Med J** 1983;52(2):167-9

[Fentanyl, pancuronium and nitrous oxide in high-risk orthopedic and traumatologic surgery] Tartière J, et al. **Cah Anesthesiol** 1985 Jan-Feb;33(1):51-4 **(Fre)**

[Arthrotomy of the knee joint under local anesthesia] Knauf G. **Beitr Orthop Traumatol** 1984 Dec;31(12):634-6 (Eng. Abstr.) **(Ger)**

[Decisions before, during and following knee joint arthroscopy] Kohn D, et al. **Fortschr Med** 1985 Mar 28; 103(12):317-20 (Eng. Abstr.) **(Ger)**

[Technic of corrective valgus-producing osteotomy of the head of the tibia near the knee joint] Blauth W. **Unfallheilkunde** 1984 Oct;87(10):397-404 (Eng. Abstr.) **(Ger)**

[Arc-shaped tibial head osteotomy using a drill guide device] Sühler H, et al. **Z Orthop** 1984 Nov-Dec;122(6):810-3 (Eng. Abstr.) **(Ger)**

[Method of arthrodesis of the ankle joint using a self-compressing angular plate] Mittelmeier H, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):31-5 (Eng. Abstr.) **(Pol)**

[Chondromatosis of the shoulder joint] Wierzbicki S, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):71-3 (Eng. Abstr.) **(Pol)**

[Analysis of intraoperative infection risk factors in orthopedic surgery] Wasilewski A, et al. **Folia Med Cracov** 1984; 25(1-2):184-8 (Eng. Abstr.) **(Pol)**

[Synovial cyst of the popliteal region] Vasil'eva OI. **Ortop Travmatol Protez** 1984 Jul;(7):28-31 (Eng. Abstr.) **(Rus)**

THERAPY

Management of musculo-skeletal complications of hemophilia. Srivastava RK, et al. **Indian Pediatr** 1984 Dec; 21(12):965-70

Orthotic treatment of feet having a high oblique midtarsal joint axis. Hice GA. **J Am Podiatry Assoc** 1984 Nov; 74(11):577-82

Orthotic management of severe genu varum and tibia vara. Takatori Y, et al. **J Pediatr Orthop** 1984 Sep;4(5):633-5

Joint distension arthrography for disabling hip pain. A controlled clinical trial. Høilund-Carlsen PF, et al. **Scand J Rheumatol** 1985;14(2):179-83

[Manual medicine and the extremities: treatment principles] Roex J. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):75-9 **(Dut)**

[Knee disorders in sportsmen: treatment possibilities using correction of statics] Biedert R, et al. **Schweiz Z Sportmed** 1984 Sep;32(3):91-4 (Eng. Abstr.) **(Ger)**

[Activities of the Saratov State Arthrological Center] Zhadenov II, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep; (3):65-8 **(Rus)**

[Graded compression in the treatment of rupture of pubic symphysis] Demichev NP, et al. **Sov Med** 1985;(3):78-83 **(Rus)**

[Restoration of the functions of the talocrural joint and the shape of the foot by a hinge-distraction method] Afaunova AI. **Vestn Khir** 1984 Dec;133(12):40-4 (Eng. Abstr.) **(Rus)**

[Method of transcutaneous nerve stimulation in the treatment of post-stroke arthropathies] Tkacheva GR, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):531-4 (Eng. Abstr.) **(Rus)**

VETERINARY

Six cases of degenerative joint disease of the proximal interphalangeal joint of young Thoroughbreds. Ellis DR, et al. **Equine Vet J** 1985 Jan;17(1):66-8

Sacroiliac lesions as a cause of chronic poor performance in competitive horses. Jeffcott LB, et al. **Equine Vet J** 1985 Mar;17(2):111-8

Interpreting radiographs 5: radiology of the equine hock. Shelley J, et al. **Equine Vet J** 1984 Nov;16(6):488-95

Free chondral fragment involving the lateral trochlear ridge of the talus in a dog. Aron DN, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1095-6

Septic arthritis of the distal interphalangeal joint after neurectomy in a mare. Mackey VS, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1006-7

Carpal hyperextension in two-month-old pups. Shires PK, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):49-52

Bilateral degenerative coxofemoral joint disease in a foal. Trent AM, et al. **J Am Vet Med Assoc** 1985 Feb 1; 186(3):284-7

Ulceric lesions of articular cartilages distal to carpal and tarsal joints in Japanese black beef cattle. Taura Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):571-6

JOINT INSTABILITY

A technique for anterior wedge-shaped grafts for scaphoid nonunions with carpal instability. Fernandez DL. **J Hand Surg [Am]** 1984 Sep;9(5):733-7

Instability of the lumbar spine. Cambridge, England, April 1983. **Spine** 1985 Apr;10(3):252-91

[Injuries of the knee joint stabilizers in clinical practice] Musialek J. **Acta Chir Orthop Traumatol Cech** 1985 Apr; 52(2):127-37 (Eng. Abstr.) **(Cze)**

[Generalized ligament laxity. I. Theoretical part] Poul J, et al. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):324-9 (Eng. Abstr.) **(Cze)**

[Generalized ligamentous laxity. II. Practical part] Poul J, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct; 51(5):396-9 (Eng. Abstr.) **(Cze)**

CLASSIFICATION

The classification of knee ligament instability. Andrews JR, et al. **Orthop Clin North Am** 1985 Jan;16(1):69-82

Segmental instability. Rationale for treatment. Frymoyer JW, et al. **Spine** 1985 Apr;10(3):280-6

COMPLICATIONS

Hypermobility and injuries in a professional ballet company. Klemp P, et al. **Br J Sports Med** 1984 Sep;18(3):143-8

The relationship between internal derangements of the temporomandibular joint and systemic joint laxity. Bates RE Jr, et al. **J Am Dent Assoc** 1984 Sep;109(3):446-7

Radiocarpal septum after trauma. Weibé MA, et al. **J Hand Surg [Am]** 1985 Jul;10(4):498-502

Combined occipitoatlantoaxial hypermobility with anterior and posterior arch defects of the atlas in Pierre-Robin syndrome. Gamble JG, et al. **J Pediatr Orthop** 1985 Jul-Aug;5(4):475-8

Atlantoaxial instability in individuals with Down syndrome. Cooke R. **Ment Retard** 1984 Aug;22(4):193-4

[Postero-internal menisco-capsular disinsertions associated with chronic instabilities of the knee caused by rupture of the anterior cruciate ligament] Lemaire M, et al. **Rev Chir Orthop** 1984;70(8):613-22 (Eng. Abstr.) **(Fre)**

[Selected indicators of general health status of children with multijoint instability] Pienc A. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):443-7 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Rating systems in the evaluation of knee ligament injuries. Tegner Y, et al. **Clin Orthop** 1985 Sep;(198):43-9

Stabilometry recordings in functional and mechanical instability of the ankle joint. Tropp H, et al. **Int J Sports Med** 1985 Jun;6(3):180-2

Arthroscopy in the diagnosis and treatment of meniscal lesions of the knee associated with chronic ligamentous instability. Mariani PP, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):355-61

Instrumented measurement of anterior laxity of the knee. Daniel DM, et al. **J Bone Joint Surg [Am]** 1985 Jun; 67(5):720-6

Anterior-posterior stiffness and laxity of the knee after major ligament reconstruction. Kochan A, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1460-5

Current concepts in the diagnosis and treatment of shoulder instability in athletes. Zarins B, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):444-8

Physical signs of instability. Paris SV. **Spine** 1985 Apr; 10(3):277-9

Measurement of knee-joint instabilities in the anterior-posterior plane. Tittel K, et al. **Unfallchirurgie** 1984 Dec;10(6):316-21 **(Eng, Ger)**

[Differential diagnostic aspects of posttraumatic shoulder pain] Gerber C. **Unfallheilkunde** 1984 Sep;87(9):357-62 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Antero-posterior instability in knee replacements. Cameron

HU. **Acta Orthop Belg** 1984 Jul-Aug;50(4):476-80

Hamstring control and the unstable anterior cruciate ligament-deficient knee. Walla DJ, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):34-9

Round table discussion on instability of the wrist. Introduction. Allieu Y. **Ann Chir Main** 1984;3(4):281-5 **(Eng, Fre)**

Malalignment of the scaphoid after lunate dislocation. Fisk GR. **Ann Chir Main** 1984;3(4):353-6 **(Eng, Fre)**

Triquetrohamate and triquetrolunate instabilities (medial carpal instability). Taleisnik J. **Ann Chir Main** 1984; 3(4):331-43 (43 ref.) **(Eng, Fre)**

Sports injuries of the knee ligaments--a prospective stress radiographic study. Hede A, et al. **Br J Sports Med** 1985 Mar;19(1):8-10

Complications of Variable Axis total knee arthroplasty. Webster DA, et al. **Clin Orthop** 1985 Mar;(193):160-7

Aseptic loosening in metal-backed acetabular components for total hip replacement. A minimum five-year follow-up. Mattingly DA, et al. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):387-91

Symptomatic palmar tendon subluxation after surgical release for de Quervain's disease: a case report. White GM, et al. **J Hand Surg [Am]** 1984 Sep;9(5):704-6

Symptomatic atlantoaxial subluxation in persons with Down syndrome. Pueschel SM, et al. **J Pediatr Orthop** 1984 Nov; 4(6):682-8

A hypermobility study in ballet dancers. Klemp P, et al. **J Rheumatol** 1984 Oct;11(5):692-6

[Compensatory carpal malalignments] Brahin B, et al. **Ann Chir Main** 1984;3(4):357-63 (Eng. Abstr.) **(Fre)**

[Carpal luxation and residual instability] Saffar P. **Ann Chir Main** 1984;3(4):349-52 (Eng. Abstr.) **(Fre)**

[Instability of the cervical spine caused by arthrosis. An unusual form of degenerative spondylolisthesis] Deburge A. **Rev Chir Orthop** 1984;70(5):397-9 (Eng. Abstr.) **(Fre)**

[Injury of the capsule of the posterior part of the knee joint, its role in joint instability and surgical treatment] Pudovikov SP, et al. **Ortop Travmatol Protez** 1985 Feb; (2):53-4 **(Rus)**

FAMILIAL & GENETIC

The manifestations and natural history of spondylo-epi-metaphyseal dysplasia with joint laxity. Beighton P, et al. **Clin Genet** 1984 Oct;26(4):308-17

OCCURRENCE

[Epidemiology of joint hypermobility] Ondrašík M, et al. **Vnitr Lek** 1984 Jul;30(7):688-92 (Eng. Abstr.) **(Slo)**

PATHOLOGY

The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament. Gerber C, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1034-43

PHYSIOPATHOLOGY

Comparative radiological study of the influence of ankle joint bandages on ankle stability. Vaes P, et al. **Acta Orthop Belg** 1984 Sep-Oct;50(5):636-44

The posterior cruciate ligament and rotatory knee instability. An experimental study. Nielsen S, et al. **Arch Orthop Trauma Surg** 1985;104(1):53-6

Rotatory instability of cadaver knees after transection of collateral ligaments and capsule. Nielsen S, et al. **Arch Orthop Trauma Surg** 1984;103(3):165-9

The anterior cruciate ligament of the knee: an experimental study of its importance in rotatory knee instability. Nielsen S, et al. **Arch Orthop Trauma Surg** 1984;103(3):170-4

Current concepts of meniscal function and pathology. Henning CE, et al. **Clin Sports Med** 1985 Apr;4(2):259-65

Three-dimensional kinematics of ankle instability following serial sectioning of lateral collateral ligaments. Cass JR, et al. **Foot Ankle** 1984 Nov-Dec;5(3):142-9

Motion of the pubic symphysis in pelvic instability. Walheim GG, et al. **Scand J Rehabil Med** 1984;16(4):163-9 (32 ref.)

The nature of instability. Farfan HF, et al. **Spine** 1984 Oct; 9(7):714-9

Centrode patterns and segmental instability in degenerative disc disease. Gertzbein SD, et al. **Spine** 1985 Apr; 10(3):257-61

Lumbar spine instability. A critical update and symposium summary. Nachemson A. **Spine** 1985 Apr;10(3):290-1

Is there instability in spondylolisthesis? Pearcy M, et al. **Spine** 1985 Mar;10(2):175-7

Biomechanical definitions of spinal instability. Pope MH, et al. **Spine** 1985 Apr;10(3):255-6

[Rotational instability of the lumbar spine] Lemaire JP, et al. **Acta Orthop Belg** 1984 Sep-Oct;50(5):617-35 (Eng. Abstr.) **(Fre)**

[Carpal instability--ligamentous instabilities and intracarpal malalignments--explication of the concept of carpal instability] Allieu Y. **Ann Chir Main** 1984;3(4):317-21, 366-7 (Eng. Abstr.) **(Fre)**

[Painful legs and unstable toes] Léger JM, et al. **Rev Neurol (Paris)** 1985;141(4):296-304 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Comparative radiologic study of the influence of ankle joint bandages on ankle stability. Vaes P, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):46-50

RADIOGRAPHY

Lateral and anterior instability in acute ankle distortion. A radiologic investigation. Vuust M, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(6):507-11

Fluoroscopic and arthrographic evaluation of carpal instability. Braunstein EM, et al. **AJR** 1985 Jun; 144(6):1259-62

Radiological study of the mobility of the scapho-lunate joint. Schuhl JF, et al. **Ann Chir Main** 1985;4(2):143-8 **(Eng, Fre)**

The roentgenographic evaluation of anterior shoulder instability. Pavlov H, et al. **Clin Orthop** 1985 Apr; (194):153-8

Digital arthrography in the evaluation of painful joint prostheses. Resnick D, et al. **Invest Radiol** 1984 Sep-Oct; 19(5):432-7

Roentgenographic demonstration of instability of the shoulder: the apical oblique projection. A technical note. Garth WP Jr, et al. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1450-3

A method for evaluating carpal alignment on lateral radiographs. Micks JE. **J Hand Surg [Am]** 1985 Jul; 10(4):580-2

Avulsion fracture of the fibula: the 'arcuate sign' of posterolateral knee instability. Shindell R, et al. **Nebr Med J** 1984 Nov;69(11):369-71

Computed and conventional arthrotomography of the glenohumeral joint: normal anatomy and clinical experience. Deutsch AL, et al. **Radiology** 1984 Dec; 153(3):603-9

Radiographic features of spondylo-epimetaphyseal dysplasia with joint laxity and progressive kyphoscoliosis. Review of 19 cases. Kozlowski K, et al. **ROFO** 1984 Sep; 141(3):337-41

Radiology of trauma to the wrist: dislocations, fracture dislocations, and instability patterns. Yeager BA, et al. **Skeletal Radiol** 1985;13(2):120-30 (24 ref.)

Radiologic diagnosis of degenerative lumbar spinal instability. Dupuis PR, et al. **Spine** 1985 Apr;10(3):262-76

[Instability of the carpus. Ligamentous lesions of the wrist and their radiologic examination] Gerard Y, et al. **Acta Orthop Belg** 1984 Jul-Aug;50(4):451-75 (Eng. Abstr.) **(Fre)**

[Carpal instability. Diagnostic considerations and clinical study] Meyrueis JP. **Ann Chir Main** 1984;3(4):313-6 (Eng. Abstr.) **(Fre)**

[Mediocarpal instability] Schernberg F. **Ann Chir Main** 1984; 3(4):344-8 (Eng. Abstr.) **(Fre)**

[X-ray computed tomography in the study of anterior instability of the shoulder. Study of a series of 23 cases] Delgoffe C, et al. **J Radiol** 1984 Nov;65(11):737-45 (Eng. Abstr.) **(Fre)**

SURGERY

Stabilization of the hip joint after resection of caput and collum femoris by osteotomy of the femur. Soren A. **Acta Orthop Belg** 1984 Jul-Aug;50(4):499-511

Pes anserinus transfer for the unstable knee. A 7-year follow-up of 13 cases of ruptured anterior cruciate ligament. Hovelius L, et al. **Acta Orthop Scand** 1985 Apr; 56(2):127-9

Extra-articular stabilization of the knee a.m. Losee. Mølster AO, et al. **Acta Orthop Scand** 1984 Dec;55(6):640-2

Surgical treatment of anterolateral rotatory instability. A follow-up study. Andrews JR, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):112-9

Long term results of late reconstruction for anterior or anteromedial instability of the knee. Suomalainen O, et al. **Ann Chir Gynaecol** 1985;74(1):22-9

Carbon fiber replacement of the ligaments of the shoulder girdle and the treatment of lateral instability of the ankle joint. Burri C, et al. **Clin Orthop** 1985 Jun;(196):112-7

Ankle instability: comparison of primary repair and delayed reconstruction after long-term follow-up study. Cass JR, et al. **Clin Orthop** 1985 Sep;(198):110-7

Correction of chronic lateral ligament instability of the ankle by use of the Broström procedure. A report of 15 cases. Javors JR, et al. **Clin Orthop** 1985 Sep;(198):201-7

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139-42

Carbon fiber ligament replacement in chronic knee instability. Neugebauer R, et al. **Clin Orthop** 1985 Jun;(196):118-23

Treatment of chronic anterior knee instabilities with combined intra- and extra-articular transfer augmented with carbon-PLA fibers. Witvoet J, et al. **Clin Orthop** 1985 Jun;(196):143-53

Recurrent instability of the gleno-humeral joint. Randelli M. **Ital J Orthop Traumatol** 1985 Mar;11(1):107-17

Arthroscopic lateral ankle stabilization. Lundeen RO, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):372-6

Anterior cruciate reconstruction using the Jones-Ellison procedure. Fried JA, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1029-33

Chronic posterolateral rotatory instability of the knee. Hughston JC, et al. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):351-9

Intra-articular transfer of the iliotibial tract. Two to seven-year follow-up results. Scott WN, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):532-8

Arthrodesis for failed knee arthroplasty. A report of 20 cases. Knutson K, et al. **J Bone Joint Surg [Br]** 1985 Jan; 67(1):47-52

Ligament reconstruction for the painful thumb carpometacarpal joint: a long-term assessment. Eaton RG, et al. **J Hand Surg [Am]** 1984 Sep;9(5):692-99

Combined reconstruction of volar and radial instability of a thumb metacarpo-phalangeal joint. Brewood AF, et al. **J Hand Surg [Br]** 1984 Oct;9(3):333-4

Repair of chronic subluxation of the distal radioulnar joint (ulnar dorsal) using flexor carpi ulnaris tendon. Tsai TM, et al. **J Hand Surg [Br]** 1984 Oct;9(3):289-94

Reconstruction for ankle instability in young active adults. Green AD. **J R Coll Surg Edinb** 1985 Feb;30(1):50-3

Intra-articular reconstruction of the anterior cruciate ligament. Clancy WG Jr. **Orthop Clin North Am** 1985 Apr; 16(2):181-9

Treatment of acute anterolateral rotatory instability. Norwood LA. **Orthop Clin North Am** 1985 Jan; 16(1):127-34

[Surgery of knee ligaments based on data of the First Orthopedic Clinic in Brno] Janeček M, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):68-73 (Eng. Abstr.) **(Cze)**

[Current role of Latarjet's operation in the treatment of recurrent luxations and anterior instabilities of the shoulder] Delaunay C, et al. **Ann Chir** 1985 Jun;39(5):293-304 (Eng. Abstr.) **(Fre)**

[Carpal instability. General therapeutic principles] Allieu Y. **Ann Chir Main** 1984;3(4):364-7 (Eng. Abstr.) **(Fre)**

[Results of the surgical treatment of chronic external laxity of the ankle by resetting capsular ligamentous tension] Chaise F, et al. **J Chir (Paris)** 1985 Mar;122(3):159-62 (Eng. Abstr.) **(Fre)**

[Ligamentoplasty using the peroneus brevis in the treatment of chronic instabilities of the ankle. Long-term review] Castaing J, et al. **Rev Chir Orthop** 1984;70(8):653-6 (Eng. Abstr.) **(Fre)**

[Replacement-plasty of the coronoid process in unstable elbow joint dislocations with avulsion fracture of the coronoid process and radius head crush fracture] Meeder PJ, et al. **Aktuel Traumatol** 1985 Apr;15(2):89-90 **(Ger)**

[Fresh and older elongation of the anterior cruciate ligament. Experiences in diagnosis and therapy] Paar O, et al. **Aktuel Traumatol** 1985 Apr;15(2):59-65 (Eng. Abstr.) **(Ger)**

[Syndesmoses-plasty of the upper ankle joint] Podesva K. **Aktuel Traumatol** 1985 Feb;15(1):42-3 **(Ger)**

[The value of Lindemann's method for the treatment of chronic simple or complicated knee joint instability] Popko J, et al. **Beitr Orthop Traumatol** 1985 Apr;32(4):186-9 (Eng. Abstr.) **(Ger)**

[Efficiency and limits of the dynamic cruciate ligament replacement operation using Lindemann's method in chronic ligament instability] Zeumer B, et al. **Beitr Orthop Traumatol** 1984 Sep;31(9):460-7 (Eng. Abstr.) **(Ger)**

[Peroneus brevis-plasty in the treatment of chronic fibular ligament insufficiency. Report of experiences in 23 cases] Zimmermann HG. **Chirurg** 1984 Nov;55(11):760-1 **(Ger)**

[Carpal instabilities] Buck-Gramcko D. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):188-93 (Eng. Abstr.) **(Ger)**

[Scapholunate dissociation] Buck-Gramcko D. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):194-9 (Eng. Abstr.) **(Ger)**

[Dorsal ligament reconstruction in scapholunate dissociation] Zilch H. **Handchir Mikrochir Plast Chir** 1985 Jul; 17(4):200-2 (Eng. Abstr.) **(Ger)**

[Treatment of chronic anterolateral instability of the upper ankle joint: direct ligament reconstruction--periosteal flap--tenodesis] Zwipp H, et al. **Unfallheilkunde** 1984 Oct; 87(10):405-15 (Eng. Abstr.) **(Ger)**

[Operative treatment of unstable elbow dislocations] Böhnel P. **Zentralbl Chir** 1985;110(7):440-1 **(Ger)**

[Results of modern operative technics in the management of knee joint instability] Kiss I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):161-8 (Eng. Abstr.) **(Hun)**

[A new technic for the stabilization of internal tibial rotatory subluxation] Marchetti PG, et al. **Chir Organi Mov** 1984; 69(2):213-5 (Eng. Abstr.) **(Ita)**

[Surgical treatment of chronic lesions of the anterior crossed ligament of the knee. With special reference to the Lindemann-Bousquet technic] Cormio C, et al. **Minerva Med** 1984 Aug 25;75(32-33):1903-6 **(Ita)**

[Surgical treatment of instability of the cranio-spinal juncture in rheumatoid arthritis] Jarmundowicz W, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):5-9 (Eng. Abstr.) **(Pol)**

[Results of the surgical treatment of chronic antero-medial knee joint instability] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):553-6 (Eng. Abstr.) **(Pol)**

[Treatment of inveterate injuries of the anterior cruciate ligament] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):155-9 (Eng. Abstr.) **(Pol)**

THERAPY

Taping the ankle for chronic instability. Larsen E. **Acta Orthop Scand** 1984 Oct;55(5):551-3

Controversy about treatment of the knee with anterior cruciate laxity. Noyes FR, et al. **Clin Orthop** 1985 Sep;(198):61-76 (27 ref.)

[Bloodless treatment of patellar instability; author's experience] Villa I, et al. **Chir Ital** 1982 Jun;34(3):483-91 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of stability after meniscectomy of the knee after rupture of the anterior cruciate ligament] Lanfranchi R, et al. **Chir Organi Mov** 1984;69(4):379-81 (Eng. Abstr.) **(Ita)**

VETERINARY

Hip instability in young adult, broiler fowls. Duff SR. **J Comp Pathol** 1985 Jul;95(3):373-82

JOINT LOOSE BODIES see under **JOINT DISEASES**

JOINT PROSTHESIS

Trapezium replacement arthroplasty. Gudmundsson G, et al. **Acta Orthop Scand** 1985 Jun;56(3):245-8

Multinuclide digital subtraction imaging in symptomatic prosthetic joints. Chafetz N, et al. **AJR** 1985 Jun;144(6):1255-8

Design of a total wrist prosthesis. Youm Y, et al. **Ann Biomed Eng** 1984;12(3):247-62

The need for elbow replacement. Abernethy PJ. **Ann Chir Gynaecol [Suppl]** 1985;198:81-4

Shoulder replacement arthroplasty. Pahle JA, et al. **Ann Chir Gynaecol [Suppl]** 1985;198:85-9

Flexible implant resection arthroplasty for the rheumatoid hand and wrist. Swanson AB, et al. **Ann Chir Gynaecol [Suppl]** 1985;198:54-69

Swanson trapezial implant in the treatment of peritrapezial arthrosis. A study of eighty cases. Allieu Y, et al. **Ann Chir Main** 1984;3(2):113-23 **(Eng, Fre)**

Implant arthroplasty in the hand and wrist. An update. Swanson AB, et al. **Ann Chir Main** 1984;3(1):43-57 **(Eng, Fre)**

Pasteurella multocida: bilateral septic knee joint prostheses from a distant cat bite. Orton DW, et al. **Ann Emerg Med** 1984 Nov;13(11):1065-7

A comparison of RCH 1000 and Hi-Fax 1900 ultra-high molecular weight polyethylenes. Weightman B, et al. **Biomaterials** 1985 May;6(3):177-83

A new approach to the use of the Krukenberg procedure in unilateral wrist amputations. An original functional-cosmetic prosthesis. De Santolo AR. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):177-87

Stabilization of the ulnar side of the rheumatoid wrist, following radiocarpal Swanson's implant arthroplasty and resection of the distal ulna. Rowland SA. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):442-8

The pronated index finger deformity in the rheumatoid hand. Swanson AB, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):498-510

Total joint arthroplasty at the carpometacarpal joint of the thumb. Braun RM. **Clin Orthop** 1985 May;(195):161-7

Silastic condylar arthroplasty. Howard FM, et al. **Clin Orthop** 1985 May;(195):144-50

Arthroplasty of the thumb basal joints. Swanson AB, et al. **Clin Orthop** 1985 May;(195):151-60

Digital implant arthroplasty. Lanham RH Jr. **Clin Podiatry** 1984 Apr;1(1):47-68

Biomechanics of implanted joints of the foot. Orien WP. **Clin Podiatry** 1984 Apr;1(1):29-45

Ankle implants. Spector EE. **Clin Podiatry** 1984 Apr;1(1):225-35

Total first joint replacement in hallux valgus and hallux rigidus. Long-term results in 484 cases. Weil LS, et al. **Clin Podiatry** 1984 Apr;1(1):103-29

Total joint replacement: latest developments for the geriatric patient. Zuckerman JD, et al. **Geriatrics** 1985 Mar;40(3):71-3, 77-8, 83-5 passim

Silastic arthroplasty for avascular necrosis of the carpal lunate. Pardini AG. **Int Orthop** 1984;8(3):223-7

Complications with antibiotics used prophylactically in joint replacement surgery: a case report of cephradine-induced pseudomembranous colitis. Roberts AP, et al. **Int Orthop** 1985;8(4):299-302

Swanson great toe flexible hinge endoprosthesis. Design, flexibility, and function. Lauf E, et al. **J Am Podiatr Med Assoc** 1985 Aug;75(8):393-400

Implant arthroplasty of the first metatarsophalangeal joint. A follow-up study. Rude CC, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):279-87

Component first metatarsophalangeal joint replacement. A new approach. Zeichner AM. **J Am Podiatr Med Assoc** 1985 May;75(5):254-7

Ankle joint arthrodesis or implant arthroplasty. A report of two cases. Marcinko DE, et al. **J Am Podiatry Assoc** 1984 Nov;74(11):559-64

A technique for determining prosthetic joint contact areas. Martin SM, et al. **J Biomech** 1984;17(7):545

Resurfacing elbow prosthesis: shape and sizing of the humeral component. Wevers HW, et al. **J Biomed Eng** 1985 Jul;7(3):241-6

The Stanmore total elbow replacement for rheumatoid arthritis. Johnson JR, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):732-6

Surface replacement of the elbow in rheumatoid arthritis. Early results with the Wadsworth prosthesis. Rydholm U, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):737-41

An alternative fixation technique when performing hallux interphalangeal joint fusions. Sharon SM, et al. **J Foot Surg** 1985 Mar-Apr;24(2):132-5

Reduction of a fracture-dislocation of Lisfranc's joint by endoprosthetic implantation. Sharon SM, et al. **J Foot Surg** 1985 Jan-Feb;24(1):44-50

Alumina ceramic finger implants: a preliminary biomaterial and clinical evaluation. Doi K, et al. **J Hand Surg [Am]** 1984 Sep;9(5):740-9

Metacarpophalangeal joint arthroplasty eleven year follow-up study. Fleming SG, et al. **J Hand Surg [Br]** 1984 Oct;9(3):300-2

Rheumatoid arthritis at the base of the thumb treated by trapezium resection or implant arthroplasty. Kvarnes L, et al. **J Hand Surg [Br]** 1985 Jun;10(2):195-6

Swanson silastic wrist arthroplasty. A retrospective study of fifteen cases. McCombe PF, et al. **J Hand Surg [Br]** 1985 Jun;10(2):199-201

Swanson implant arthroplasty of the wrist in rheumatoid arthritis. Nylén S, et al. **J Hand Surg [Br]** 1984 Oct;9(3):295-9

Total condylar prosthesis for alloplastic jaw articulation replacement. Sonnenburg I, et al. **J Maxillofac Surg** 1985 Jun;13(3):131-5

Fatigue crack propagation behavior of ultrahigh molecular weight polyethylene. Connelly GM, et al. **J Orthop Res** 1984;2(2):119-25

Antibodies to synovial-derived cells in patients undergoing artificial prosthesis implants. Ende N, et al. **J Orthop Res** 1985;3(1):78-83

Tissue response to carbon-reinforced polyethylene. Groth HE, et al. **J Orthop Res** 1983;1(2):129-35

Metal ion release from titanium-based prosthetic segmental replacements of long bones in baboons: a long-term study. Woodman JL, et al. **J Orthop Res** 1984;1(4):421-30

Richard Smith ankle arthroplasty. Kirkup J. **J R Soc Med** 1985 Apr;78(4):301-4

Prevention of infection after joint surgery [editorial] **Lancet** 1985 Feb 16;1(8425):378-9

Lunate implant arthroplasty. Evaluation of 19 patients. Eiken O, et al. **Scand J Plast Reconstr Surg** 1984;18(2):247-52

Shoulder joint replacement. Worland RL. **Va Med** 1985 Jun;112(6):382-3

[Use of the artificial joint of NT-2 shape-memory alloy for cervical intervertebral articulation in cervical spondylosis in the anterior decompressive operation] Zhao DL. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):410-2, 445 (Eng. Abstr.) **(Chi)**

[Principles in the use of silicone implants in finger joints using Swanson's technic] Rybka V, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):212-9 (Eng. Abstr.) **(Cze)**

[Complete shoulder arthroplasty by the St George method. A preliminary study in patients with rheumatoid arthritis] Jensen CM, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):166-7 (Eng. Abstr.) **(Dan)**

[Prosthesis arthroplasty for arthritis deformans of the carpometacarpal joint of the thumb] Deenstra W, et al. **Ned Tijdschr Geneeskd** 1985 Apr 20;129(16):744-8 (Eng. Abstr.) **(Dut)**

[Role of the intermediate prosthesis with a noncemented cupula in the reconstructive surgery of the temporomandibular joint] Flot F, et al. **Ann Chir Plast Esthet** 1984;29(3):253-5 (Eng. Abstr.) **(Fre)**

[New biomaterials in orthopedics] Langlais F. **Presse Med** 1985 Jun 29;14(26):1424-8 (15 ref.) (Eng. Abstr.) **(Fre)**

[Damage of the wrist. Prosthetic replacement and alternatives] Gadzaly D. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):203-10 (Eng. Abstr.) **(Ger)**

[Is resection-interposition arthroplasty in chronic polyarthritis an alternative to alloarthroplastic replacement of the wrist joint?] Refior HJ, et al. **Handchir Mikrochir Plast Chir** 1985 May;17(3):166-7 (Eng. Abstr.) **(Ger)**

[Progress in endoprosthesis via computed tomography?] Aldinger G, et al. **ROFO** 1984 Nov;141(5):509-11 (Eng. Abstr.) **(Ger)**

[Joint surface replacement with silicone rubber. Experimental studies] Feldmeier C, et al. **Unfallheilkunde** 1984 Oct;87(10):430-5 (Eng. Abstr.) **(Ger)**

[Radius joint surface replacement with silicone rubber. Clinical results] Feldmeier C. **Unfallheilkunde** 1984 Oct;87(10):436-9 (Eng. Abstr.) **(Ger)**

[Computer assisted production of individual anatomic endoprostheses] Aldinger G, et al. **Z Orthop** 1984 Sep-Oct;122(5):733-6 (Eng. Abstr.) **(Ger)**

[Experimental studies on polyacetal composites for joint prosthesis] Maeda M. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):919-36 (Eng. Abstr.) **(Jpn)**

[Orthopedic ceramic implant--recent progress] Yamamuro T. **Nippon Seikeigeka Gakkai Zasshi** 1985 Mar;59(3):339-48 **(Jpn)**

[Individual endoprosthesis of the joints and bone defects of the extremities in the surgical treatment of patients with skeletal tumors] Vorontsov AV, et al. **Vestn Khir** 1985 Apr;134(4):64-7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Antibiotic-loaded acrylic cement: current concepts. Buchholz HW, et al. **Clin Orthop** 1984 Nov;(190):96-108 (21 ref.)

The infected implant. Sorto LA Jr. **Clin Podiatry** 1984 Apr;1(1):199-209

Silastic implant arthroplasty. Complications and their classification. Vanore J, et al. **J Am Podiatry Assoc** 1984 Sep;74(9):423-33

Silicone shard formation: a product of implant arthroplasty. Sollitto RJ, et al. **J Foot Surg** 1984 Sep-Oct;23(5):362-5

Indium-111 chloride imaging in the detection of infected prostheses. Sayle BA, et al. **J Nucl Med** 1985 Jul;26(7):718-21

Workshop on the bone-joint implant interface. Lewis JL, et al. **J Orthop Res** 1985;3(3):380-6

Complications of silicone implant [letter] Schned AR, et al. **JAMA** 1985 Feb 1;253(5):635

HISTORY

[History of artificial joint replacement] Ziller R. **Beitr Orthop Traumatol** 1984 Oct;31(10):526-32 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

Stress analyses of joint arthroplasty in the proximal humerus. Orr TE, et al. **J Orthop Res** 1985;3(3):360-71

METHODS

Total trapeziometacarpal arthroplasty. Report on seventeen cases of de generative arthritis of the trapeziometacarpal joint. Alnot JY, et al. **Ann Chir Main** 1985;4(1):11-21 **(Eng, Fre)**

Osteochondral hemiarthroplasty. An experimental investigation in baboons. Roffman M, et al. **Int Orthop** 1985;9(1):69-75

[Shoulder joint replacement by the Neer Mark II method. A preliminary account] Ovesen J. **Ugeskr Laeger** 1985 Apr 15;147(16):1337-9 (Eng. Abstr.) **(Dan)**

STANDARDS

Artificial encapsulation of joint prostheses. Yao ZX, et al. **Biomaterials** 1985 May;6(3):208-12

Total wrist arthroplasty [letter] Hamas RS. **J Hand Surg [Am]** 1984 Sep;9(5):767-8

JOINT TUBERCULOSIS see **TUBERCULOSIS, OSTEOARTICULAR**

JOINTS

Rice-bodies, synovial debris, and joint lavage [editorial] Popert J. **Br J Rheumatol** 1985 Feb;24(1):1-2

[Syndrome of 'contracture facio-brachio-abdomino-crurale en flexion' in a case of isolated ACTH deficiency] Yabuki S, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):729-35 (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

Duplication of hands and feet, multiple joint dislocations, absence of corpus callosum and hypsarrhythmia: acrocallosal syndrome? Sanchis A, et al. **Am J Med Genet** 1985 Jan;20(1):123-30

Weill-Marchesani syndrome with bilateral angle-closure glaucoma. Wright KW, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug;22(4):129-32

ANATOMY & HISTOLOGY

Anatomical studies on the geometry and stability of the distal radio ulnar joint. af Ekenstam F, et al. **Scand J Plast Reconstr Surg** 1985;19(1):17-25

The distal radio ulnar joint. The influence of geometry and ligament on simulated Colles' fracture. An experimental study. af Ekenstam F, et al. **Scand J Plast Reconstr Surg** 1985;19(1):27-31

The menisci of the lumbar zygapophyseal joints. A review of their anatomy and clinical significance. Bogduk N, et al. **Spine** 1984 Jul-Aug;9(5):454-60 (28 ref.)

[Use of the standard goniometer for measuring joints and recording joint movements in animals] Vollmerhaus B, et al. **Tierarztl Prax** 1985;Suppl 1:20-5 (Eng. Abstr.) **(Ger)**

CYTOLOGY

[The osteocartilaginous junction in large joints] Horn V, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):256-60 (Eng. Abstr.) **(Cze)**

DRUG EFFECTS

Intra-articular tissue response to analytical grade metrizamide in dogs. Atilola MA, et al. **Am J Vet Res** 1984 Dec;45(12):2651-7

GROWTH & DEVELOPMENT

[Effect of movement on synovial pit development] Mehlfeld R, et al. **DTW** 1984 Oct 8;91(10):360-4 (Eng. Abstr.) **(Ger)**

[Development of the joints of the upper extremities in children after intra- and periarticular fractures] Ter-Egiazarov GM, et al. **Vestn Khir** 1984 Dec; 133(12):62-7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Electrical charge of the antigen determines intraarticular antigen handling and chronicity of arthritis in mice. van den Berg WB, et al. **J Clin Invest** 1984 Nov;74(5):1850-9

INJURIES

Strapping of joints. Gray S. **Aust Fam Physician** 1984 Aug; 13(8):610, 612-4

Sixteen fractures of the shoulder region in the horse. Dyson S. **Equine Vet J** 1985 Mar;17(2):104-10

Lead arthropathy: arthritis caused by retained intra-articular bullets. Sclafani SJ, et al. **Radiology** 1985 Aug; 156(2):299-302

[Use of pedicled myocutaneous flaps for the coverage of electric burn wounds involving the joints and deep structures] Chang ZD. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):472-3, 510 (Eng. Abstr.) **(Chi)**

[Bone maturation and osteoarticular lesions in top level sportsmen. Apropos of 105 cases] Auberge T, et al. **J Radiol** 1984 Aug-Sep;65(8-9):555-61 (Eng. Abstr.) **(Fre)**

INNERVATION

Ascending and descending effects of joint afferent discharge on forelimb and hindlimb flexion reflex excitability in decerebrate cats. Baxendale RH, et al. **Brain Res** 1985 Apr 22;332(2):394-6

Activation of fine articular afferent units by bradykinin. Kanaka R, et al. **Brain Res** 1985 Feb 18;327(1-2):81-90

Integration in descending motor pathways controlling the forelimb in the cat. 13. Corticospinal effects in shoulder, elbow, wrist, and digit motoneurones. Alstermark B, et al. **Exp Brain Res** 1985;59(2):353-64

Innervation of the capsules of the large limb joints of the hedgehog (Erinaceus europaeus). Hanzlová J. **Folia Morphol (Praha)** 1984;32(3):265-8

Reactions of cardiac postganglionic sympathetic neurons to movements of normal and inflamed knee joints. Sato Y, et al. **J Auton Nerv Syst** 1985 Jan;12(1):1-13

Mapping the body representation in the SI cortex of anesthetized and awake rats. Chapin JK, et al. **J Comp Neurol** 1984 Oct 20;229(2):199-213

Muscle but not cutaneous C-afferent input produces prolonged increases in the excitability of the flexion reflex in the rat. Wall PD, et al. **J Physiol (Lond)** 1984 Nov; 356:443-58

Ruffini mechanoreceptors in isolated joint capsule: responses correlated with strain energy density. Grigg P, et al. **Somatosens Res** 1984;2(2):149-62

Signaling of ankle joint position by receptors in different muscles. Simon J, et al. **Somatosens Res** 1984;2(2):127-47

[Dynamics of morphologic changes in joint innervation during hypokinesia--a space flight model factor] Drobyshev VI, et al. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):43-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Extravasation of proteins in the joint tissue: differential behaviour of native BSA and cationic mBSA. Lens JW, et al. **Agents Actions** 1985 Mar;16(1-2):15-6

The distribution of enzyme inhibitors in the joint in rheumatoid and experimental arthritis. Muirden KD, et al. **Int J Tissue React** 1984;6(5):359-65

PATHOLOGY

Reduced joint count indices in the evaluation of rheumatoid arthritis. Egger MJ, et al. **Arthritis Rheum** 1985 Jun; 28(6):613-9

Etiopathogenesis of the rheumatoid arthritis-like disease in MRL/l mice. I. The histomorphologic basis of joint destruction. O'Sullivan FX, et al. **Arthritis Rheum** 1985 May;28(5):529-36

Effects of experimental joint inflammation on bone marrow and periarticular bone. A study of two types of arthritis, using variable degrees of inflammation. Schalkwijk J, et al. **Br J Exp Pathol** 1985 Aug;66(4):435-44

[Proliferative and metaplastic reactions as tentative reparatory processes in spontaneous arthritis in the mouse] Wilhelmi G, et al. **Z Rheumatol** 1984 Sep-Oct;43(5):241-8 (Eng. Abstr.) **(Ger)**

[The morphology of sensory corpuscles in the joint capsule--ultrastructural and histochemical study] Toyoma Y. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr; 59(4):397-407 (Eng. Abstr.) **(Jpn)**

[Sternocostoclavicular hyperostosis: presentation of a case and review of the literature] Sanmarti Sala R, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):483-6 (13 ref.) (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Kinematic analysis of human movement. An KN, et al. **Ann Biomed Eng** 1984;12(6):585-97

Surface tension of animal cartilage as it relates to friction in joints. Chappuis J, et al. **Ann Biomed Eng** 1983; 11(5):435-49

Moiré patterns: an accurate technique for determination of the locus of the centres of rotation. Gertzbein SD, et al. **J Biomech** 1985;18(7):501-9

Finite centroid and helical axis estimation from noisy landmark measurements in the study of human joint kinematics. Woltring HJ, et al. **J Biomech** 1985; 18(5):379-89

Determination of muscle and joint forces: a new technique to solve the indeterminate problem. An KN, et al. **J Biomech Eng** 1984 Nov;106(4):364-7

Effect of fluid pressure on the hydraulic conductance of interstitium and fenestrated endothelium in the rabbit knee. Knight AD, et al. **J Physiol (Lond)** 1985 Mar;360:311-32

Estimation of the ligaments' role in maintaining foot stability using a kinematic model. Allard P, et al. **Med Biol Eng Comput** 1985 May;23(3):237-42

[Intra-articular pressure measurement. A new method for the use of the pressure measuring film 'Prescale'] Rieck B, et al. **Z Orthop** 1984 Nov-Dec;122(6):841-2 (Eng. Abstr.) **(Ger)**

[The role of protein and hyaluronic acid in the synovial fluid in animal joint lubrication] Chikama H. **Nippon Seikeigeka Gakkai Zasshi** 1985 May;59(5):559-72 (Eng. Abstr.) **(Jpn)**

[Method of studying the friction properties of the joints of living organisms] Oganesian OV, et al. **Ortop Travmatol Protez** 1985 Jan;(1):59-63 **(Rus)**

PHYSIOPATHOLOGY

Limited joint mobility in diabetes mellitus. Campbell RR, et al. **Ann Rheum Dis** 1985 Feb;44(2):93-7

Peripheral joint involvement in polymyalgia rheumatica: a clinical study of 56 cases. Al-Hussaini AS, et al. **Br J Rheumatol** 1985 Feb;24(1):27-30

Microprocessor controlled arthrograph. Howe A, et al. **J Biomed Eng** 1985 Apr;7(2):153-6

Joint flexibilities in structurally normal girls and girls with idiopathic scoliosis. Mattson G, et al. **J Orthop Res** 1983; 1(1):57-62

The influence of coronary sport group training on the flexibility of joints, heart rate and blood pressure of coronary patients. Fuchs P, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):280-5

Reliability of goniometric measurements in patients with Duchenne muscular dystrophy. Pandya S, et al. **Phys Ther** 1985 Sep;65(9):1339-42

[Objective quantitative indicators for evaluation of the degree of activity and functional capacity of joints in patients with rheumatoid arthritis] Erov NK. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):39-44 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Roentgenographic examination of the subtalar joint. Zadravecz G. **Acta Chir Hung** 1985;26(1):59-63

Radiographic abnormalities in patients with Behçet's disease. Takeuchi A, et al. **Clin Exp Rheumatol** 1984 Jul-Sep; 2(3):259-62

Overloading changes in the motor system occurring in elite gymnasts. Szot Z, et al. **Int J Sports Med** 1985 Feb; 6(1):36-40

Cervical facet joint arthrography. Dussault RG, et al. **J Can Assoc Radiol** 1985 Mar;36(1):79-80

Pneumoarthrography: reemphasis of a neglected technique. Totty WG, et al. **J Can Assoc Radiol** 1984 Sep;35(3):264-6

Radiographic evaluation of erosion in rheumatoid arthritis: double blind study of auranofin vs placebo. Gofton JP, et al. **J Rheumatol** 1984 Dec;11(6):768-71

Complications of arthrography. Newberg AH, et al. **Radiology** 1985 Jun;155(3):605-6

Digital subtraction arthrography. Newberg AH, et al. **Radiology** 1985 Jan;154(1):238-9

Radiographic appearance of the sternomanubrial joint in arthritis and related conditions. Parker VS, et al. **Radiology** 1984 Nov;153(2):343-7

Case report 311. Sternocostoclavicular hyperostosis (SCCH). Gerster JC, et al. **Skeletal Radiol** 1985;14(1):53-60

[Comparison of x-ray and radionuclide studies of the joints in patients with Touraine-Solente-Golé syndrome] Pekhlivanov D, et al. **Vutr Boles** 1985;24(3):104-8 (Eng. Abstr.) **(Bul)**

RADIONUCLIDE IMAGING

Radio-isotopic joint scans in haemophilic arthritis. Steven MM, et al. **Br J Rheumatol** 1985 Aug;24(3):263-8

Usefulness of radionuclide bone and joint imaging in vibration disease. Kida T, et al. **Eur J Nucl Med** 1985; 10(3-4):143-7

[Radionuclide study of the joints in rheumatoid arthritis] Ikonnikov AI, et al. **Med Radiol (Mosk)** 1985 Aug; 30(8):52-3 **(Rus)**

SURGERY

Arthrodesis of the pastern joint in the horse. Steenhaut M, et al. **Equine Vet J** 1985 Jan;17(1):35-40

Operative arthroscopy. Jackson RW. **Int Orthop** 1984; 8(2):113-5

Arthroscopic surgery [editorial] Dandy DJ. **J Bone Joint Surg [Br]** 1984 Nov;66(5):627-8

Prevention of infection after joint surgery [letter] **Lancet** 1985 Mar 23;1(8430):694

Prevention of infection after joint surgery [editorial] **Lancet** 1985 Feb 16;1(8425):378-9

[Personal experience in the use of Tissucol in osteoarticular surgery] Jankuloski A, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):101-5 (Eng. Abstr.) **(Scr)**

TRANSPLANTATION

[Advances in transplantation of bones and joints] Han ZB. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):180-4 (48 ref.) **(Chi)**

JOSAMYCINS see **LEUCOMYCINS**

JOURNALISM, DENTAL see under **PUBLISHING**

JUDAISM

see related

JEWS

Coronary heart disease risk factors among religious groupings in a Jewish population sample in Jerusalem. Friedlander Y, et al. **Am J Clin Nutr** 1985 Sep;42(3):511-21

Judaism and medical ethics [letter] Rosner F. **Ann Intern Med** 1984 Nov;101(5):721-2

Jewish and Moslem aspects of in vitro fertilization and embryo transfer. Schenker JG. **Ann NY Acad Sci** 1985; 442:601-7

Judaism and the New York State Appeals Court brain death ruling [letter] Rosner F. **Arch Intern Med** 1985 May; 145(5):952-3

Salt content of kosher meat [letter] Glick SM. **JAMA** 1985 Jul 26;254(4):504

[Ritual slaughtering in the Netherlands] **Tijdschr Diergeneeskd** 1984 Dec 15;109(24):1061-2 **(Dut)**

[Sabbatai Zwi--a false Jewish Messiah. Case report on religious psychopathology] Barocka A. **Schweiz Arch Neurol Psychiatr** 1985;136(3):43-54 (Eng. Abstr.) **(Ger)**

[Halacha (Jewish traditional law) and corneal graft implantation] Spirer A. **Harefuah** 1983 Oct 16;105(8):232-3 (Eng. Abstr.) **(Heb)**

HISTORY

[The Talmud of Luzsénszky again?] **Orv Hetil** 1984 Aug 19; 125(34):2086-7 **(Hun)**

JUDGMENT

The effect of irrelevant cues on 'same-different' judgments in a sequential information processing task. Overmyer SP, et al. **Acta Psychol (Amst)** 1985 Mar;58(3):237-49

Direct estimation considered within a comparative judgment framework. Smith J, et al. **Am J Psychol** 1984 Fall; 97(3):343-58

Clinical judgment in rheumatoid arthritis. IV. Rheumatologists' assessments of disease remain stable over long periods. Kirwan JR, et al. **Ann Rheum Dis** 1984 Oct; 43(5):695-7

Clinical judgment in rheumatoid arthritis. III. British rheumatologists' judgments of 'change in response to therapy'. Kirwan JR, et al. **Ann Rheum Dis** 1984 Oct; 43(5):686-94

Pilot judgment: an operational viewpoint. Stone RB, et al. **Aviat Space Environ Med** 1985 Feb;56(2):149-52

Informed consent--mandating the consultation. Strain JJ, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):228-33

Diminished responsibility as a mitigating circumstance in juvenile offenders' legal judgments. Siegal M. **J Adolesc** 1984 Sep;7(3):233-43

Phonemic awareness and spelling: children's judgments do not always agree with adults. Treiman R. **J Exp Child Psychol** 1985 Feb;39(1):182-201

Considering the opposite: a corrective strategy for social judgment. Lord CG, et al. **J Pers Soc Psychol** 1984 Dec; 47(6):1231-43

What you say and how you say it: the contribution of speech content and voice quality to judgments of others. O'Sullivan M, et al. **J Pers Soc Psychol** 1985 Jan; 48(1):54-62

When are social judgments made? Evidence for the spontaneousness of trait inferences. Winter L, et al. **J Pers Soc Psychol** 1984 Aug;47(2):237-52

Effects of instructions to disregard information on its subsequent recall and use in making judgments. Wyer RS Jr, et al. **J Pers Soc Psychol** 1985 Mar;48(3):533-49

Clinical judgement [editorial] **J R Coll Gen Pract** 1985 Jun; 35(275):269

A study of psychophysical scaling in chronic pain patients. Urban BJ, et al. **Pain** 1984 Oct;20(2):157-68

Assimilation and contrast in perceptual judgments. McKenna FP. **Q J Exp Psychol [A]** 1984 Aug;36(3):531-48

Computers and clinical judgment: the role of physician networks. Anderson JG, et al. **Soc Sci Med** 1985; 20(10):969-79

JUGAL BONE see **ZYGOMA**

JUGULAR VEINS

Delayed hydrothorax following percutaneous central venous cannulation. Molinari PS, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):493-6

Spontaneous closure of a dural arteriovenous fistula associated with acute hearing loss. Landman JA, et al. **AJNR** 1985 May-Jun;6(3):448-9

Thrombosis complicating transvenous pacemaker lead presenting as contralateral internal jugular vein occlusion. Fitzgerald SP, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):593-5

Isolated intrapulmonary haemorrhage. An unusual complication of internal jugular vein cannulation. Murray JM, et al. **Anaesthesia** 1985 May;40(5):468-70

Controlled neck compression in neurosurgery. Studies on venous air embolism in upright sheep. Pfitzner J, et al. **Anaesthesia** 1985 Jul;40(7):624-9

Hazards in multiple cannulation of a single vein [letter] Withington PS, et al. **Anaesthesia** 1985 Jul;40(7):700

A simple method for improving the safety of percutaneous cannulation of the internal jugular vein [letter] Fabian JA, et al. **Anesth Analg** 1985 Oct;64(10):1032-3

High oxygen saturation does not always indicate arterial placement of catheter during internal jugular venous cannulation [letter] Aghdami A, et al. **Anesthesiology** 1985 Mar;62(3):372-3

Contralateral hydrothorax: an unusual complication of central venous catheter placement. Eichold BH, et al. **Anesthesiology** 1985 May;62(5):673-4

A complication of multipurpose pacing pulmonary artery catheterization via the external jugular vein approach [letter] Lawson D, et al. **Anesthesiology** 1985 Mar;62(3):377-8

Clinically silent venous thrombosis following internal and external jugular central venous cannulation in pediatric cardiac patients. Moore RA, et al. **Anesthesiology** 1985 May;62(5):640-3

A technique for avoiding inadvertent intraarterial placement of large bore catheters [letter] Zebrowski M, et al. **Anesthesiology** 1985 Mar;62(3):375

Brachial plexus injury after open-heart surgery [letter] **Ann Thorac Surg** 1984 Dec;38(6):660-1

Accidental mediastinal entry via left internal jugular vein cannulation. Albertson TE, et al. **Intensive Care Med** 1985;11(3):154-7

Repeated percutaneous internal jugular cannulation using flow directed Swan Ganz catheter. Grant PK, et al. **Intensive Care Med** 1984;10(6):293-5

Pulmonary and aortic punctures--complications of an attempt at internal jugular venipuncture. Iserson KV, et al. **J Emerg Med** 1984;1(3):227-31

Treatment of spontaneous intraparotid direct arteriovenous fistulae using a detachable balloon technique. Reizine D, et al. **J Neuroradiol** 1985;12(1):35-43 **(Eng, Fre)**

Aspiration of blood from the jugular vein during intracarotid drug infusion in monkeys. Implications for extracorporeal drug removal. Clark WC, et al. **J Neurosurg** 1985 Apr;62(4):576-9

CT and ultrasonographic findings in jugular vein ectasia. Jasinski RW, et al. **J Ultrasound Med** 1984 Sep;3(9):417-20

Central vein catheterisation [letter] **Lancet** 1984 Oct 6;2(8406):815

Schwannomas of the jugular foramen. Horn KL, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):761-5

Thrombophlebitis of the internal jugular vein: noninvasive imaging. Rahn NH 3d, et al. **South Med J** 1984 Oct;77(10):1308-10

[Surgical catheterization of the internal jugular vein; a safe alternative for the infraclavicular catheterization of the subclavian vein] Slors JF, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):108-10 (Eng. Abstr.) **(Dut)**

[A vagus lesion as a complication of the catheterization of the internal jugular vein?] Feldmann H, et al. **Anaesthesist** 1984 Jul;33(7):322-6 (Eng. Abstr.) **(Ger)**

[An injury of the stellate ganglion following introduction of a canula into the inner jugular vein (Horner's syndrome)] Ohlgisser M, et al. **Anaesthesist** 1984 Jul;33(7):320-1 (Eng. Abstr.) **(Ger)**

[Carotid aneurysm following apparent complications in catheterization of the internal jugular vein] Peters J, et al. **Anaesthesist** 1984 Jul;33(7):330-2 (Eng. Abstr.) **(Ger)**

[Ultrasound Doppler sonography: a simple method for the improvement of internal jugular vein catheterization] Schregel W, et al. **Anaesthesist** 1985 Feb;34(2):93-7 (Eng. Abstr.) **(Ger)**

[Experiences with Swan-Ganz-catheter placement in the external jugular vein] Späth P, et al. **Anaesthesist** 1985 Jul;34(7):367-70 (Eng. Abstr.) **(Ger)**

[Quantitative determination of blood flow in the internal jugular vein using ultrasound] Müller HR. **Ultraschall Med** 1985 Feb;6(1):51-4 (Eng. Abstr.) **(Ger)**

[Delayed left hydrothorax following cannulation of the left internal jugular vein] Capuzzo M, et al. **Minerva Anestesiol** 1984 Sep;50(9):477-9 (Eng. Abstr.) **(Ita)**

[Venous aneurysms. Personal experience] Emanuelli G, et al. **Minerva Chir** 1985 Mar 15;40(5):281-5 **(Ita)**

[Selective venous sampling for ACTH in Cushing's disease] Ichihara K, et al. **Neurol Med Chir (Tokyo)** 1984 Dec;24(12):931-8 (Eng. Abstr.) **(Jpn)**

[Thrombus formation in venous catheters depending on the site of their disposition in the central veins] Marochkov AV, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):52-5 (Eng. Abstr.) **(Rus)**

[Complications and hazards of long-term vascular catheterization for the conduct of intensive therapy] Gol'dberg AP, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):89-92 **(Rus)**

[Transjugular hepatic biopsy. Technic and indications in hepatobiliary diseases] Pinchuk L, et al. **Acta Gastroenterol Latinoam** 1984;14(4):273-7 (Eng. Abstr.) **(Spa)**

[Venous aneurysm of the internal jugular] Blanco Rodriguez G, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):455-6 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

[Surgical treatment of congenital aneurysms of the internal jugular veins] Moskalenko IuD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):67-70 **(Rus)**

ANATOMY & HISTOLOGY

[The jugular foramen, the inferior bulb of the jugular vein and their surgical approach] Brémond G, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):489-97 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Endothelial cell--seeded four-millimeter Dacron vascular grafts: effects of blood flow manipulation through the grafts. Schmidt SP, et al. **J Vasc Surg** 1984 May;1(3):434-41

INJURIES

An unusual complication of percutaneous catheterization of the internal jugular vein. Brandi LS, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):231-6

The relationship between vessel wall injury and venous thrombosis: an experimental study. Thomas DP, et al. **Br J Haematol** 1985 Mar;59(3):449-57

Subclavian artery to internal jugular vein fistula following percutaneous internal jugular vein catheterization. Merino-Angulo J, et al. **Cathet Cardiovasc Diagn** 1984;10(6):593-5

Management of bilateral internal jugular venous injuries. McGovern PJ Jr, et al. **Injury** 1985 Jan;16(4):259-60

[Vascular perforation caused by central venous catheter] Said R, et al. **Cah Anesthesiol** 1984 Nov;32(7):571-2 **(Fre)**

[A case of the left traumatic subclavian-internal jugular arteriovenous fistula] Kato K, et al. **Kyobu Geka** 1985 May;38(5):395-8 (Eng. Abstr.) **(Jpn)**

[Postoperative complications in a patient with injuries of the common carotid artery and internal jugular vein] Zhdankin SM. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):73-4 **(Rus)**

[Gunshot wound of the mediastinum and large vessels of the neck in a child] Zhukov MD. **Grudn Khir** 1984 Sep-Oct;(5):89-91 **(Rus)**

[Combined wound of the major vessels of the neck] Kiian VK, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):122 **(Rus)**

[Gunshot wound of the neck with injury to the major vessels in a child] Shvabovich AI. **Vestn Khir** 1985 Apr;134(4):99-100 **(Rus)**

[Injuries of the blood vessels of the neck] Vasiutkov VIa, et al. **Vestn Khir** 1985 May;134(5):76-80 (Eng. Abstr.) **(Rus)**

[Vertebro-jugular arteriovenous fistula: an unrecognized complication of jugular catheterization (letter)] Diaz Borrego JM, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):166-7 **(Spa)**

PATHOLOGY

Abnormal dilatation of the internal jugular vein. Sun JZ, et al. **Chin Med J [Engl]** 1984 Aug;97(8):606-8

Cod-liver oil in the prevention of intimal hyperplasia in autogenous vein grafts used for arterial bypass. Landymore RW, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):351-7

[Case of giant phlebectasia of the left internal jugular vein] Moise N, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):103-6 (Eng. Abstr.) **(Rum)**

PHYSIOLOGY

Internal jugular vein function after Swan-Ganz catheterization. Perkins NA, et al. **Anesthesiology** 1984 Oct;61(4):456-9

Hepatojugular reflux: useful in the bedside diagnosis of tricuspid regurgitation. Maisel AS, et al. **Ann Intern Med** 1984 Dec;101(6):781-2

On the double presystolic wave of the jugular tracing. Luisada AA, et al. **Indian Heart J** 1985 Mar-Apr;37(2):86-8

Ultrasonic evaluation of jugular venous valve competence. Brownlow RL Jr, et al. **J Ultrasound Med** 1985 Apr;4(4):169-72

[Internal jugular venous pulse. An interesting diagnostic tool] Corcos T, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb;34(2):97-9 (Eng. Abstr.) **(Fre)**

[Response of the ventricular system of the brain to anti-orthostasis and occlusion of the jugular veins] Sokolov VI. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):66-9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Venous hum as a cause of reversible factitious sensorineural hearing loss. Rothstein J, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):267-8

RADIOGRAPHY

External jugular vein thrombosis: CT demonstration. Fishman EK, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):580-1

Internal jugular vein phlebectasia and duplication: CT features. Som PM, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):390-2

Computed tomography of internal jugular vein thrombosis. Giyanani VL, et al. **J Comput Tomogr** 1985 Jan;9(1):33-7

Internal jugular phlebectasia in children. Yashiro N, et al. **Radiat Med** 1984 Apr-Jun;2(2):136-9

[2 cases of post-traumatic arteriovenous fistula of blood vessels supplying the brain] Gołabek R, et al. **Wiad Lek** 1985 Mar 1;38(5):392-6 (Eng. Abstr.) **(Pol)**

SURGERY

Unusual complication of a central venous catheter [letter] Arancibia CU, et al. **Anesth Analg** 1985 Jan;64(1):92

Saphenous-jugular bypass for superior vena caval obstruction. Ham RJ, et al. **Br J Surg** 1985 Mar;72(3):193-4

Bilateral resection and reconstruction of internal jugular vein for thyroid carcinoma. Takeichi N, et al. **Jpn J Surg** 1984 Nov;14(6):465-71

Vascular access for extracorporeal therapy in the rabbit. Canaud B, et al. **Lab Anim** 1985 Apr;19(2):89-91

Pulsatile tinnitus: a dehiscent jugular vein. Rouillard R, et al. **Laryngoscope** 1985 Feb;95(2):188-9

Percutaneous endovascular stents: an experimental evaluation. Wright KC, et al. **Radiology** 1985 Jul;156(1):69-72

[Primary dilatation of the veins of the neck] Sun JM, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):22-4, 62 (Eng. Abstr.) **(Chi)**

[Blood pressure and blood gases in the internal jugular vein after its ligation] Kowalik S, et al. **Wiad Lek** 1985 Jan 15;38(2):116-21 (Eng. Abstr.) **(Pol)**

[Outflow pathways in bilateral successive block resection of the neck] Tikhy S, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):57-8 **(Rus)**

TRANSPLANTATION

Polytetrafluoroethylene versus autogenous vein grafts for vascular reconstruction in contaminated wounds. Stone KS, et al. **Curr Surg** 1984 Jul-Aug;41(4):267-71

Mesentericocaval shunt (MCS) with autologous jugular vein. Stipa S, et al. **World J Surg** 1984 Oct;8(5):702-5

[Carotid revascularization with a jugular graft in the rat] Boucetta M, et al. **Maroc Med** 1985 Jun;7(2):612-7 (Eng. Abstr.) **(Fre)**

JUNGIAN THEORY see under **PSYCHOANALYTIC THEORY**

JURISPRUDENCE

see related
FORENSIC DENTISTRY
FORENSIC MEDICINE

Lawyers' alcoholism. Frances R, et al. **Adv Alcohol Subst Abuse** 1984 Winter;4(2):59-66

Young people, drink and the law: a descriptive study covering two London magistrates' courts. Hawker A, et al. **Alcohol Alcohol** 1984;19(1):51-61

Smoking responsibly? [editorial] **Am Fam Physician** 1985 Sep;32(3):88

Hypnosis in Canadian criminal law. Brown RJ. **Am J Clin Hypn** 1985 Jan;27(3):153-8

The use of hypnosis with defendants. Mutter CB. **Am J Clin Hypn** 1984 Jul;27(1):42-51

Re: 'An epidemiologic and clinical evaluation of Guillain-Barré syndrome reported in association with the administration of swine influenza vaccines' [letter] Mantel N. **Am J Epidemiol** 1985 Apr;121(4):620-3

Gastroenterology and the law. Cifarelli PS. **Am J Gastroenterol** 1984 Nov;79(11):905-6

Beshada v. Johns-Manville Products Corp.: the function of state of the art evidence in strict products liability. Berman J. **Am J Law Med** 1984 Spring;10(1):93-114 (123 ref.)

Employment discrimination implications of genetic screening in the workplace under Title VII and the Rehabilitation Act. Canter EF. **Am J Law Med** 1984 Fall;10(3):323-47

The peer review privilege: a law in search of a valid policy. Goldberg BA. **Am J Law Med** 1984 Summer;10(2):151-67

A trojan horse goes to court: Bolger v. Youngs Drug Products Corp. Mason M. **Am J Law Med** 1984 Summer;10(2):203-27

Limits of guardian treatment refusal: a reasonableness standard. Veatch RM. **Am J Law Med** 1984 Winter;9(4):427-68

Ethical and legal issues in the treatment of children with cancer. Our responsibilities to the parents, to the child, and to the other similarly afflicted children. Truman JT, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):313-7

Responsibility and compensation for tardive dyskinesia. Appelbaum PS, et al. **Am J Psychiatry** 1985 Jul;142(7):806-10

Medicolegal pitfalls in the treatment of borderline patients. Gutheil TG. **Am J Psychiatry** 1985 Jan;142(1):9-14

More positive supreme court views on psychiatry [letter] Kennelly DJ. **Am J Psychiatry** 1985 Mar;142(3):387-8

Medical, judicial, and statutory regulation of ECT in the United States. Winslade WJ, et al. **Am J Psychiatry** 1984 Nov;141(11):1349-55

Killing with kindness: why the FDA need not certify drugs used for execution safe and effective. Annas GJ. **Am J Public Health** 1985 Sep;75(9):1096-9

Fluorides, facts and fanatics: public health advocacy shouldn't stop at the courthouse door. Christoffel T. **Am J Public Health** 1985 Aug;75(8):888-91

Ethical and legal issues related to the use of computer programs in clinical medicine. Miller RA, et al. **Ann Intern Med** 1985 Apr;102(4):529-37 (60 ref.)

Legal aspects of human genetics. Dworkin RB, et al. **Annu Rev Public Health** 1985;6:107-30

When a patient insists on driving home after ambulatory surgery. Murphy EK. **AORN J** 1985 Feb;41(2):342, 344, 346

Judaism and the New York State Appeals Court brain death ruling [letter] Rosner F. **Arch Intern Med** 1985 May; 145(5):952-3

Pending litigation and rehabilitation outcome of chronic back pain. Trief P, et al. **Arch Phys Med Rehabil** 1985 Feb; 66(2):95-9

Euthanasia—old issue: new debate. Kirby MD. **Aust NZ J Med** 1984 Oct;14(5):691-6

Treatment and justice. Bowden P. **Br J Hosp Med** 1985 Jun; 33(6):350-2

Litigation in obstetrics and gynaecology [editorial] Symonds EM. **Br J Obstet Gynaecol** 1985 May;92(5):433-4

Libel and medicine [editorial] **Br Med J [Clin Res]** 1985 May 4;290(6478):1302

Doctors and defamation. **Br Med J [Clin Res]** 1985 May 4; 290(6478):1342-4

Disclosure of documents by doctors. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1973-4

Impaired driving: responsibility from a distance. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1606-7

Surrogate mothers. **Br Med J [Clin Res]** 1985 Jan 26; 290(6464):308

The Gee case: the BBC continues alone. Dyer C. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):845-6

The Gee case: the BBC settles. Dyer C. **Br Med J [Clin Res]** 1985 May 4;290(6478):1344

Jury dismissed in the Dr Gee case. Dyer C. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1530

Dr Gee defends his treatment. Dyer C. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1683-4

The criminal defendant with identified mental disorder. Beck JC, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):331-8

Practical ethical problems of the forensic psychiatrist in dealing with attorneys. Sadoff RL. **Bull Am Acad Psychiatry Law** 1984;12(3):243-52

Ethical issues in forensic psychiatry: from an attorney's perspective. Weiner BA. **Bull Am Acad Psychiatry Law** 1984;12(3):253-61

Some unresolved legal issues relating to punishment of offenders in criminal law and their effect on sentencing policies: the case of drug abusers. Chatterjee SK. **Bull Narc** 1984 Jul-Sep;36(3):59-76

Drug-related crime and sentencing policies from the perspective of the United Nations crime prevention and criminal justice programme. Hanreich H. **Bull Narc** 1984 Jul-Sep;36(3):47-57

Drug offence sentencing practices in the United States of America. Weissman JC. **Bull Narc** 1984 Jul-Sep; 36(3):27-41

The dentist, the biopsy, and the law. Lovas J, et al. **Can Dent Assoc J** 1985 Jan;51(1):29-31

Pathologist's role in product-related deaths. Wecht CH. **Clin Lab Med** 1984 Sep;4(3):627-36 (28 ref.)

Victory in Brighton County Court. Wood LM, et al. **Colo Med** 1984 Oct;81(10):157-8

Removal of life support systems. Kenneth Foody, et al. vs. Manchester Memorial Hospital, et al. **Conn Med** 1984 Nov; 48(11):721-5

Legal aspects of peer review. Schmidt SM. **Conn Med** 1984 Oct;48(10):677-80

The mythology of legal decision making. Konečni VJ, et al. **Int J Law Psychiatry** 1984;7(1):5-18

Gods and goddesses of the quadrant: some further thoughts on the mythological dimensions of the law. Smith JC. **Int J Law Psychiatry** 1984;7(3-4):219-47

On gaining acceptance: why the courts accept only reluctantly findings from experimental and social psychology. Webster CD. **Int J Law Psychiatry** 1984; 7(3-4):407-14

Law in the dental workplace: legal implications of hepatitis B for the dental profession. Baker CH, et al. **J Am Dent Assoc** 1985 Apr;110(4):637-42

Some subtleties in horse insurance. Hannah HW. **J Am Vet Med Assoc** 1985 Aug 1;187(3):207-8

Animal trials. Hannah HW. **J Am Vet Med Assoc** 1984 Nov 1;185(9):955

The veterinarian as a bailee. Hannah HW. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1278

The letter of recommendation. Plumeri PA. **J Clin Gastroenterol** 1985 Apr;7(2):183-6

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Feb;2(1):75-7

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1983 Oct;3(5):321-2

View from the Nation's Courts. Therapist's duty to protect: how far does it go? Freishtat HW. **J Clin Psychopharmacol** 1984 Apr;4(2):111-2

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Apr;2(2):148-9

View from the nation's courts. Freishtat HW. **J Clin Psychopharmacol** 1984 Feb;4(1):54-5

View from the Nation's Courts. The right to refuse treatment revisited. Freishtat HW. **J Clin Psychopharmacol** 1984 Jun; 4(3):162-3

View from the nation's courts. Freishtat HW. **J Clin Psychopharmacol** 1984 Dec;4(6):353-5

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Aug;2(4):290-2

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1983 Feb;3(1):49-50

View from the nation's courts. Electroconvulsive therapy: no ban in Berkeley. Freishtat HW. **J Clin Psychopharmacol** 1985 Feb;5(1):52-3

Children of divorce: the pediatrician and the lawyers. Kappelman MM. **J Dev Behav Pediatr** 1985 Apr;6(2):104-6

Competence to proceed: a functional and context-determinative decision. Bennett GT, et al. **J Forensic Sci** 1984 Oct;29(4):1119-26

The role of the forensic scientist in the application of chemical tests for alcohol in traffic law enforcement. Biasotti AA. **J Forensic Sci** 1984 Oct;29(4):1164-72

Legal issues raised by in vitro fertilization and embryo transfer in the United States. Fanta JC. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):65-86

Law students/liability/compensation. Fowks RJ. **J Kans Med Soc** 1984 Dec;85(12):341-3, 354

Child safety restraint 'loaner' programs. An evaluation of legal issues. Adler PW. **J Leg Med (Chicago)** 1985 Jun; 6(2):191-221

Constitutional implications of sex-change operations. Mind over matter? Hurley TM. **J Leg Med (Chicago)** 1984 Dec; 5(4):633-64 (151 ref.)

Survey on views and knowledge of house officers on medical-legal issues. Beninger PR, et al. **J Med Educ** 1985 Jun;60(6):481-3

The legal aspects of medical school admissions and dismissals. Grieger CH, et al. **J Med Educ** 1985 Aug;60(8):596-601

The impact of legal medicine education on medical students' attitudes toward law. LeBlang TR, et al. **J Med Educ** 1985 Apr;60(4):279-87

What is wrong with 'wrongful life' cases? Bell NK, et al. **J Med Philos** 1985 May;10(2):127-45

Civil disobedience, conscientious objection, and evasive noncompliance: a framework for the analysis and assessment of illegal actions in health care. Childress JF. **J Med Philos** 1985 Feb;10(1):63-83

The effects of jury size and polling method on the process and product of jury deliberation. Kerr NL, et al. **J Pers Soc Psychol** 1985 Feb;48(2):349-63

Decriminalization of public drunkenness: response of the health care system. Finn P. **J Stud Alcohol** 1985 Jan; 46(1):7-23

Doctor's libel action against the BBC. Brahams D. **Lancet** 1985 May 18;1(8438):1171

No blanket immunity for Crown in cases of Army medical negligence. Brahams D. **Lancet** 1985 Aug 3;2(8449):265-6

Doctors and the courts. Brahams D. **Lancet** 1984 Nov 3; 2(8410):1050

Doctor's action for libel in high court to be heard before GMC proceedings relating to the same matters. Brahams D. **Lancet** 1984 Nov 3;2(8410):1050-1

Deliberate taking of diazepam may provide a defence to a criminal charge. Brahams D. **Lancet** 1985 Feb 9;1(8424):356

Unexplained cardiac arrest under general anaesthesia. Brahams D. **Lancet** 1985 Feb 23;1(8426):449

'Cot-sides syndrome' medicolegal entity [letter] Crompton R. **Lancet** 1985 Jun 1;1(8440):1278-9

Government resists 'irresponsible' Debendox campaign. Deitch R. **Lancet** 1984 Oct 27;2(8409):993

Body-cavity searches. Best J. **Med J Aust** 1985 Mar 4; 142(5):317-8

Blame, compensation and birth defects [editorial] Danks DM. **Med J Aust** 1985 Aug 19;143(4):135-6

Prenatal cytogenetic diagnosis: some potential legal implications. Gerber P, et al. **Med J Aust** 1985 Jul 22; 143(2):80-3

1984: medical watershed? Kirby MD. **Med J Aust** 1984 Nov 10;141(10):649-55

'Compensation neurosis'. An invalid diagnosis. Mendelson G. **Med J Aust** 1985 May 13;142(10):561-4

Parpalaix et al. v. C.E.C.O.S. Right of the widow of a sperm donor to have the sperm of her late husband handed over to her. **Med Law** 1985;4(3):299

Constitutionality of a city ordinance regulating the performance of abortion (city of Akron v. Akron Center of Reproductive Health). US Supreme Court, Decision Nos. 81746, 811172, June 15, 1983 (Supreme Court Reporter = S.Ct. 103 (1983, 2481-2517). **Med Law** 1985; 4(1):85-90

Legal problems of medical technology in German law. Fischer G. **Med Law** 1984;3(4):345-51

The interface of medicine, religion, and the law: religious objections to medical treatment. Hirsh HL, et al. **Med Law** 1985;4(2):121-39

Ben-Ari v. Shapira: contempt proceedings against mentally ill persons in the Supreme Court of Israel Civil Appeal. Levi J. **Med Law** 1985;4(1):81-4

A 'Dram-Shop' rule in Virginia? Wiecking DK. **Med Leg Bull** 1985 Jan-Feb;34(1):1-5

Legal insanity and its implications [editorial] Brahams D. **Med Leg J** 1984;52 (Pt 4):205-7

The work of the Criminal Injuries Compensation Board. Ogden M. **Med Leg J** 1984;52 (Pt 4):227-41

Driving and alcohol: a case report of a biological impossibility. Knight B. **Med Sci Law** 1984 Oct;24(4):271-2

Sport injury and the law. Samuels A. **Med Sci Law** 1984 Oct;24(4):254-60

Physician contracting. De Witt LW. **Minn Med** 1984 Nov; 67(11):647-9

Law's influence on medicine and medical ethics. Stone AA. **N Engl J Med** 1985 Jan 31;312(5):309-12

Bendectin/debendox. Drug not guilty, says court [news] Beardsley T. **Nature** 1985 Mar 21-27;314(6008):209

Genetic manipulation: NIH concede part of Rifkin suit [news] Budiansky S. **Nature** 1984 Nov 8-14;312(5990):91

Soviet alcoholism. Drunk driver stripped of degree [news] Rich V. **Nature** 1985 Aug 29-Sep 4;316(6031):758-9

Differing conceptual models in psychiatry and law. Gutheil TG, et al. **New Dir Ment Health Serv** 1985 Mar;(25):5-11

Professional misconduct. Morrissey JM. **NY State J Med** 1984 Dec;84(12):608-10

Issues arising from in vitro fertilisation, artificial insemination by donor and related problems in biotechnology. **NZ Med J** 1985 May 22;98(779):396-8

Product liability lawsuits focus on responsibility of manufacturers. Goerth CR. **Occup Health Saf** 1985 May; 54(5):64-5

Interface between the Criminal Justice System and the Mental Health System in Canada. Kunjukrishnan R, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):24-33 (30 ref.)

Stress and the practice of medicine. III. Physicians compared with lawyers. Krakowski AJ. **Psychother Psychosom** 1984; 42(1-4):143-51

Mo cell case has its first court hearing [news] Culliton BJ. **Science** 1984 Nov 16;226(4676):813-4

Researcher's suit against NCI wins mixed judgment [news] Fox JL. **Science** 1984 Oct 12;226(4671):151

NIH bows to part of Rifkin suit [news] Sun M. **Science** 1984 Nov 30;226(4678):1058

Legal issues in fetal therapy. Robertson JA. **Semin Perinatol** 1985 Jul;9(2):136-42

Medicine and the law. The Hyde decision. Alt HA. **Tex Med** 1985 Feb;81(2):82-4

Medicine and the law. More dollar signs at the end of the rainbow. Wilcox DP. **Tex Med** 1984 Oct;80(10):74-6

Abandonment: actual or constructive premature termination of the physician-patient relationship. Hirsh HL. **Trans Stud Coll Physicians Phila** 1984 Sep;6(3):207-22

Wrong perspective [editorial] Campell HS. **Va Med** 1984 Jun; 111(6):356-7

[Areas of contact in forensic medicine, social medicine and the law] Stěpan J. **Soud Lek** 1984 May;29(2):29-31 **(Cze)**

[Studies of fetal tissues: is it allowed?] Galjaard H. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2276-7 (Eng. Abstr.) **(Dut)**

[Responsibility of the physician in prescribing Tegretol [letter] Kamp JS. **Ned Tijdschr Geneeskd** 1985 Mar 30; 129(13):607-8 **(Dut)**

[Euthanasia before the Supreme Court] Leenen HJ. **Ned Tijdschr Geneeskd** 1985 Mar 2;129(9):414-7 **(Dut)**

[Neurological expertise for insurance companies and judicial agencies] van Wijngaarden GK. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):783-5 **(Dut)**

[The philosophy of the legal responsibility of veterinarians] Wouda LH. **Tijdschr Diergeneeskd** 1984 Aug 15; 109(15-16):652-6 **(Dut)**

[Obstetrical anesthesia seen from the medicolegal viewpoint] Montagne J. **Cah Anesthesiol** 1984 Nov;32(7):579-81 **(Fre)**

[The family physician and the sick driver] Hartmann HP. **Rev Med Suisse Romande** 1984 Nov;104(11):871-8 **(Fre)**

[The practicing physician and removal of the dead body] Krompecher T. **Rev Med Suisse Romande** 1984 Nov; 104(11):855-9 **(Fre)**

[Medical ethics and the expert physician] Vedrinne J. **Rev Med Suisse Romande** 1985 Jan;105(1):1-3 **(Fre)**

[Responsibility of the veterinarian for negligence in injuries (tetanus prevention)] Fellmer E. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):436-7 (Eng. Abstr.) **(Ger)**

[Proof of post-schooling in criminal proceedings] Bode HJ. **Blutalkohol** 1984 Jan;21(1):31-50 (Eng. Abstr.) **(Ger)**

[Legal probation of young alcohol traffic offenders. Comparative investigation with and without post-schooling at the Munich juvenile Court] Bussmann E, et al. **Blutalkohol** 1984 May;21(3):214-27 (Eng. Abstr.) **(Ger)**

[Calculation of maximal blood alcohol concentrations and its value as evidence for the assessment of responsibility] Gerchow J, et al. **Blutalkohol** 1985 Jan;22(1):77-107 (Eng. Abstr.) **(Ger)**

[Driver's license regulations in the light of the criminal justice compensation law] Grohmann P. **Blutalkohol** 1985 May; 22(3):233-41 (Eng. Abstr.) **(Ger)**

[The Frankfurt experiment. A group project with drunk traffic offenders under conditional discharge. II. Psychological aspects of a new sanction for traffic offenders?] Kunkel E. **Blutalkohol** 1984 Jul;21(4):332-7 (Eng. Abstr.) **(Ger)**

[Post-schooling: a communication problem between judges and psychologists] Legat S. **Blutalkohol** 1985 Mar;

22(2):130-9 (Eng. Abstr.) **(Ger)**

[The expert witness in traffic court procedures] Middendorff W. **Blutalkohol** 1984 Mar;21(2):149-67 (Eng. Abstr.) **(Ger)**

[The Frankfurt experiment. A group project with drunk traffic offenders under conditional discharge. I: Methods and judicial restrictions on tests of a new sanction for traffic offenders?] Schädler W. **Blutalkohol** 1984 Jul;21(4):319-31 (Eng. Abstr.) **(Ger)**

[Responsibility in alcohol offences from a judicial viewpoint] Schneble H. **Blutalkohol** 1984 Jul;21(4):281-301 (Eng. Abstr.) **(Ger)**

[Intent or negligence in drunk driving at high speed from the viewpoint of the criminal lawyer] Teyssen J. **Blutalkohol** 1984 Mar;21(2):175-85 (Eng. Abstr.) **(Ger)**

[Post-schooling for alcohol offenders in first and repeated cases (attempt at status determination)] Zabel GE. **Blutalkohol** 1985 Mar;22(2):115-29 (Eng. Abstr.) **(Ger)**

[Extent of the physician's right to withhold testimony] Rieger HJ. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1307-8 **(Ger)**

[Problems of liability in the treatment of colic] Eikmeier H. **Tierarztl Prax** 1985;Suppl 1:79-83 (Eng. Abstr.) **(Ger)**

[Current methods in the medico-legal verification of acoustic injuries] Caporale R, et al. **Clin Ter** 1985 Jun 30; 113(6):485-90 (Eng. Abstr.) **(Ita)**

[Can anesthesia be employed for male or female sterilization with impunity?] Zaffiri O. **Minerva Anestesiol** 1985 Jan-Feb;51(1-2):57-9 **(Ita)**

[Brain death and jurisprudence] Shikata I. **Nippon Rinsho** 1985 Jan;43(1):164-7 **(Jpn)**

[Legal questions in organ transplant] Yamada T. **Nippon Rinsho** 1985 Jan;43(1):173-6 **(Jpn)**

[Jurisprudence criteria of penal responsibility of the medical professional, according to the most recent opinions of our Supreme Tribunal] Llamas Valbuena E. **Rev Esp Anestesiol Reanim** 1985 Mar-Apr;32(2):73-83 **(Spa)**

JURISPRUDENCE, PSYCHIATRIC see **FORENSIC PSYCHIATRY**

JUST NOTICEABLE DIFFERENCE see **DIFFERENTIAL THRESHOLD**

JUVENILE DELINQUENCY

A study of risk factor complexes in early adolescent delinquency. Levine MD, et al. **Am J Dis Child** 1985 Jan; 139(1):50-6

Is juvenile delinquency related to an abnormal EEG? A study of EEG abnormalities in juvenile delinquents and adolescent psychiatric inpatients. Hsu LK, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):310-5

Race, health, and delinquency. Lewis DO, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):161-7

Neurological dysfunction in serious delinquents. McManus M, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):481-6

Incarcerated youths: urgent needs [editorial] Owens JW. **Pediatrics** 1985 Mar;75(3):539-40

Epidemiology of trauma in a population of incarcerated youth. Woolf A, et al. **Pediatrics** 1985 Mar;75(3):463-8

[Observations on violence and delinquency in adolescence] Guinotte N. **Arch Belg** 1984;42(11-12):625-33 **(Fre)**

[Juvenile delinquency 16 years before the 21st century] Guevara de Ramos LM. **Bol Asoc Med PR** 1985 Jan; 77(1):15-8 (Eng. Abstr.) **(Spa)**

LEGISLATION & JURISPRUDENCE

[The alcohol traffic offender in juvenile court practice. Criminological and sociological data and juvenile court sanction practice] Bussmann E, et al. **Blutalkohol** 1984 May; 21(3):199-213 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Medical responsibility to incarcerated children. Farrow J. **Clin Pediatr (Phila)** 1984 Dec;23(12):699-700

Delinquency prevention in the 1980s. Farrington DP. **J Adolesc** 1985 Mar;8(1):3-16 (31 ref.)

PSYCHOLOGY

Generalized expectations of drug-delinquents, other delinquents, and a control sample. Krampen G, et al. **Addict Behav** 1984;9(4):421-3

Teaching and learning adolescent psychotherapy: adolescent, therapist, and milieu. McCaughan DL. **Adolesc Psychiatry** 1985;12:414-33

Psychodynamics of delinquent girls' rage and violence directed toward mother. Rosenthal PA, et al. **Adolesc Psychiatry** 1985;12:281-9

Sexuality education groups in juvenile detention. Farrow JA, et al. **Adolescence** 1984 Winter;19(76):817-26

An exploratory study of delinquency, criminal offenses, and juvenile status offenses via the cross-validation design. Janeksela GM, et al. **Adolescence** 1985 Spring;20(77):161-70

The Wall Gang: a study of interpersonal process and deviance among twenty-three middle-class youths. Lowney J. **Adolescence** 1984 Fall;19(75):527-38

Vulnerability to schizophrenia. Prediction of adult schizophrenia using childhood information. Hartmann E, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1050-6

Moral reasoning and delinquent behaviour among students. Renwick S, et al. **Br J Soc Psychol** 1984 Sep;23 (Pt 3):281-3

Single parents, extended households, and the control of adolescents. Dornbusch SM, et al. **Child Dev** 1985 Apr; 56(2):326-41

The correlation of family management practices and delinquency. Patterson GR, et al. **Child Dev** 1984 Aug; 55(4):1299-307

Adult judgments of delinquent and non-delinquent adolescent moral reasoning. Mullis RL, et al. **Child Psychiatry Hum Dev** 1984 Summer;14(4):261-8

Spanking: a grand old American tradition? Welsh RS. **Child Today** 1985 Jan-Feb;14(1):25-9

Are girls different? Gender discrepancies between delinquent behavior and control. Figueira-McDonough J. **Child Welfare** 1985 May-Jun;64(3):273-89

A comparison of young drinking offenders with other adolescents. Mann RE, et al. **Drug Alcohol Depend** 1985 May;15(1-2):181-91

Inhalant abuse and juvenile delinquency: a control study in Albuquerque, New Mexico. Reed BJ, et al. **Int J Addict** 1984 Nov;19(7):789-803

Alcohol use by juvenile offenders. Segal B, et al. **Int J Addict** 1984 Aug;19(5):541-9

Diminished responsibility as a mitigating circumstance in juvenile offenders' legal judgments. Siegal M. **J Adolesc** 1984 Sep;7(3):233-43

Characteristics of incarcerated delinquents: relationship between development disorders, environmental and family factors, and patterns of offense and recidivism. Hollander HE, et al. **J Am Acad Child Psychiatry** 1985 Mar; 24(2):221-6

Psychiatric disturbance in serious delinquents. McManus M, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):602-15

Neuropsychological, personality, and familial characteristics of physically abused delinquents. Tarter RE, et al. **J Am Acad Child Psychiatry** 1984 Nov;23(6):668-74

Use of the MMPI to identify subtypes of delinquent adolescents. Lueger RJ, et al. **J Clin Psychol** 1984 Nov; 40(6):1493-5

Impulsivity and delinquent behavior among incarcerated adolescents. Oas P. **J Clin Psychol** 1985 May;41(3):422-4

The specificity of childhood problem behavior for adolescent and young adult maladjustment. Roff JD, et al. **J Clin Psychol** 1985 Jul;41(4):564-71

A multiple-choice test to measure social skills in delinquent and nondelinquent adolescent girls. Gaffney LR. **J Consult Clin Psychol** 1984 Oct;52(5):911-2

Validity of a revised Jesness inventory I-level classification with delinquents. Jesness CF, et al. **J Consult Clin Psychol** 1984 Dec;52(6):997-1010

Pathways to adolescent drug use: self-derogation, peer influence, weakening of social controls, and early substance use. Kaplan HB, et al. **J Health Soc Behav** 1984 Sep; 25(3):270-89

Patterns of practice with the TAT in juvenile forensic settings. Haynes JP, et al. **J Pers Assess** 1985 Feb;49(1):26-9

Construct validity of the MacAndrew Scale: secondary psychopathic and dysthymic-neurotic character orientations among adolescent male misdemeanor offenders. Moore RH. **J Stud Alcohol** 1985 Mar; 46(2):128-31

The psychology of the crowd--a social psychological analysis of British football 'hooliganism'. Ingram R. **Med Sci Law** 1985 Jan;25(1):53-8

Foster care for child maltreatment: impact on delinquent behavior. Runyan DK, et al. **Pediatrics** 1985 Mar; 75(3):562-8

I E S arrow-dot performance of Nigerian juvenile delinquents and secondary school students. Omololu CB. **Percept Mot Skills** 1985 Feb;60(1):18

Delinquents and status offenders: a comparison on selected family and social variables. Wunderlich RA, et al. **Psychiatr Q** 1984 Summer;56(2):144-50

[Simple view of young violence] Zbinden LA. **Ser Paedopsychiatr** 1985 Mar;6:89-106 **(Fre)**

[Juvenile delinquency. An empirical study on the effect of risk factors, parental rearing behavior, orientation, self concept and moral judgment] Schwabe-Höllein M. **Prax Kinderpsychol Kinderpsychiatr** 1984 Nov-Dec; 33(8):301-8 (Eng. Abstr.) **(Ger)**

[Changes in conflict reaction mechanisms in juvenile delinquents in a therapeutic milieu] Argast U, et al. **Soz Praventivmed** 1984;29(4-5):231-2 (Eng. Abstr.) **(Ger)**

[Psychopathologic disorders in dropping-out and childhood-juvenile delinquency] Sanchez Chamorro M. **Actas Luso Esp Neurol Psiquiatr** 1984 Nov-Dec; 12(6):405-7 (Eng. Abstr.) **(Spa)**

REHABILITATION

Nonprofessional counselors: revisiting selection and impact issues. Mitchell CM, et al. **Am J Community Psychol** 1985 Apr;13(2):203-20

Keeping troubled teens at home. Lantz BK. **Child Today** 1985 May-Jun;14(3):8-12

Group home failures in juvenile justice: the next step. Simone MV. **Child Welfare** 1985 Jul-Aug;64(4):357-66

Day versus residential treatment for juvenile offenders: the impact of program evaluation. Velasquez JS, et al. **Child Welfare** 1985 Mar-Apr;64(2):145-56

Jack Tizard memorial lecture. Delinquency, environment and intervention. Clarke RV. **J Child Psychol Psychiatry** 1985 Jul;26(4):505-23 (74 ref.)

Prediction of recidivism in young offenders after brief institutionalization. Spellacy FJ, et al. **J Clin Psychol** 1984 Jul;40(4):1070-4

Conduct disorders and other psychiatric disorders: results of an inpatient service. Williams WV, et al. **SD J Med** 1985 Feb;38(2):5-9

TRENDS

Teenage rebellion--current state of delinquent behaviour among Japanese adolescents. Sakuta T, et al. **Keio J Med** 1982 Dec;31(4):169-80

JUVENILE HORMONES

[Activity of new hormonomimetic compounds of the juvenile hormone type in relation to selected insects] Styczyńska B, et al. **Rocz Panstw Zakl Hig** 1984;35(4):303-15 (Eng. Abstr.) **(Pol)**

[Use of a drug with juvenile hormone action against flea transmitters of the plague agent] Ershova LS, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):32-6 (Eng. Abstr.) **(Rus)**

[Trial of the action of synthetic juvenile hormone analogs on fleas] Serzhanov OS, et al. **Parazitologiia** 1985 Mar-Apr; 19(2):150-2 (Eng. Abstr.) **(Rus)**

ANALYSIS

Gas chromatography-mass spectroscopy analysis of juvenile hormone released by insect corpora allata. Mauchamp B, et al. **Anal Biochem** 1985 Mar;145(2):251-6

ANTAGONISTS & INHIBITORS

[Morphogenetic effects of precocene II on nymphs of Rhodnius prolixus (Stal, 1859) (Hemiptera-Triatominae)] Jurberg J, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec; 79(4):397-407 (Eng. Abstr.) **(Por)**

BIOSYNTHESIS

Ultrastructure of corpora allata of known activity during the vitellogenic cycle in the cockroach Diploptera punctata. Johnson GD, et al. **Cell Tissue Res** 1985;239(2):317-27

Ovarian inhibition of juvenile hormone synthesis in the viviparous cockroach, Diploptera punctata. Rankin SM, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):230-7

Brain-mediated 20-hydroxyecdysone regulation of juvenile hormone synthesis by the corpora allata of the tobacco hornworm, Manduca sexta. Whisenton LR, et al. **Gen Comp Endocrinol** 1985 May;58(2):311-8

BLOOD

Changes in ecdysteroid and juvenile hormone titers in the hemolymph of Galleria mellonella larvae and pupae. Plantevin G, et al. **Gen Comp Endocrinol** 1984 Nov; 56(2):218-30

Normal and experimentally induced changes in hormonal hemolymph titers during parental behavior of the earwig Labidura riparia. Vancassel M, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):444-56

CHEMICAL SYNTHESIS

Quantitative structure-activity relationship of insect juvenile hormone mimetic compounds. Nakayama A, et al. **J Med Chem** 1984 Nov;27(11):1493-502

High specific activity enantiomerically enriched juvenile hormones: synthesis and binding assay. Prestwich GD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5290-4

ISOLATION & PURIFICATION

Purification and properties of the juvenile hormone carrier protein from the hemolymph of Manduca sexta. Peterson RC. **Methods Enzymol** 1985;111:482-7

METABOLISM

High-performance liquid chromatographic methods designed for metabolic studies of the proallatocidin precocene II. Grossman SJ, et al. **J Chromatogr** 1984 Sep 21;299(2):445-9

Pharmacokinetics of diflubenzuron in two types of chickens. Opdycke JC, et al. **J Toxicol Environ Health** 1984; 13(4-6):721-33

Cellular juvenile hormone binding proteins. Chang ES. **Methods Enzymol** 1985;111:494-509

Experimental techniques for photoaffinity labeling of juvenile hormone binding proteins of insects with epoxyfarnesyl diazoacetate. Prestwich GD, et al. **Methods Enzymol** 1985; 111:509-30

PHARMACODYNAMICS

Regulation of hemoglobin synthesis by ecdysterone and juvenile hormone during development of Chironomus thummi (Diptera). Vafopoulou-Mandalos X, et al. **Differentiation** 1984;27(2):94-105

Hormonal regulation of ovarian ecdysteroid production in the autogenous mosquito, Aedes atropalpus. Birnbaum MJ, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):9-18

Influence of a juvenile hormone analog on reproduction of normal and sterilized adult horn flies (Diptera: Muscidae). Thomas DB. **J Econ Entomol** 1984 Jun;77(3):666-9

Juvenile hormone analogues: effect on eggs of Aedes caspius Pallas (Diptera: Culicidae). Adham FK, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):525-30

Morphogenetic and histopathological effects induced by the insect growth regulator cyromazine in Musca domestica (Diptera: Muscidae). Awad TI, et al. **J Med Entomol** 1984 Jul 26;21(4):419-26

Morphogenetic and histopathological effects of the insect growth regulator cyromazine in larvae of Culex quinquefasciatus (Diptera: Culicidae). Awad TI, et al. **J Med Entomol** 1984 Jul 26;21(4):427-31

Effects of juvenile hormone analogue on ecdysis prevention induced by precocene in Rhodnius prolixus (Hemiptera:Reduviidae). de Azambuja P, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):419-23

Feeding BAY Vi 7533 to hens. Miller RW, et al. **Poult Sci** 1984 Sep;63(9):1748-51

Biochemical changes in testis and ovary of Chrysocoris stolli Wolf. after the application of juvenoid and ecdysterone. Saha LM, et al. **Rev Esp Fisiol** 1985 Jun;41(2):249-58

Effects of a juvenile hormone analogue on the morphology and biology of Aedes scutellaris malayensis Colless (Diptera: Culicidae). Yodbutra S, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):41-8

[Effect of the preparation Dimilin on housefly larvae] Grzywinski L, et al. **Wiad Parazytol** 1984;30(3):375-83 (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

Juvenile hormone titre and regulation in the cockroach Diploptera punctata. Tobe SS, et al. **Experientia** 1985 Aug 15;41(8):1028-34

Hormone-mediated formation of the endocytic complex in mosquito oocytes. Raikhel AS, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):422-33

Evidence of a juvenile-hormone-like compound in the reproduction of Dermanyssus gallinae (Acari: Dermanyssidae). Oliver JH Jr, et al. **J Med Entomol** 1985 May 24;22(3):281-6

Nuclear development in locust fat body: the influence of juvenile hormone on inclusion bodies and the nuclear matrix. Jensen AL, et al. **Tissue Cell** 1985;17(1):117-30

[Observations on criteria of ovarian diapause in Culex pipiens pallens and its hormone control] Wang RL, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):228-31 (Chi)

JUVENIMYCINS see **LEUCOMYCINS**

JUXTAGLOMERULAR APPARATUS

see related
RENIN

Preoperative scintigraphic evaluation of the location of juxtaglomerular cell tumor. Kida T, et al. **Eur J Nucl Med** 1985;10(7-8):382-5

Diagnosis and treatment of renin-secreting tumors. Report of three cases. Baruch D, et al. **Hypertension** 1984 Sep-Oct;6(5):760-6

ENZYMOLOGY

Histochemistry of the juxtaglomerular apparatus in the toad Bufo bufo. Acid phosphatase activity of the epitheloid cells in the glomerular afferent arterioles. Lamers AP, et al. **Basic Appl Histochem** 1985;29(2):93-103

Ultrastructural changes associated with renin secretion from the juxtaglomerular apparatus of mice. Taugner R, et al. **Cell Tissue Res** 1984;237(3):459-72

GROWTH & DEVELOPMENT

Evolution of the granular cells of the juxtaglomerular apparatus during postnatal development in the albino rat. Effect of age, body weight, renal weight and sex. Rabineau D, et al. **Biol Neonate** 1985;47(3):148-52

INNERVATION

The nerves of the juxtaglomerular apparatus of man and other mammals contain the potent peptide NPY. Ballesta J, et al. **Histochemistry** 1984;80(5):483-5

METABOLISM

Is renin secretion governed by the calcium permeability of the juxtaglomerular cell membrane? Kurtz A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):359-66

Effect of calcitonin on fractional delivery of sodium and solutes to the juxtamedullary end-descending limb of the rat. Roy DR. **Can J Physiol Pharmacol** 1985 Feb;63(2):89-95

Immunohistochemical demonstration of renin in the juxtaglomerular apparatus of three Bufo species. Lamers AP, et al. **Cell Tissue Res** 1985;239(3):677-82

Renin gene expression in vessels of the ovine renal cortex. Darby IA, et al. **J Hypertens** 1985 Feb;3(1):9-11

PATHOLOGY

Reversal of Bartter's syndrome by renal transplantation in a child with focal, segmental glomerular sclerosis. Blethen SL, et al. **Am J Med Sci** 1985 Jan;289(1):31-6

Structural and functional studies of the adrenal cortex and renal juxtaglomerular apparatus in pregnant sheep subjected to sodium depletion or loading. Hill PA, et al. **Pathology** 1984 Jul;16(3):285-90

[Endocrine system of the kidneys in nephrogenic arterial hypertension: functional and morphological analysis] Serov VV, et al. **Arkh Patol** 1984;46(11):5-16 (Eng. Abstr.) **(Rus)**

[Changes in the nephrons and juxtaglomerular apparatus of the kidneys of monkeys after antiorthostatic hypokinesia] Pankova AS, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):83-6 **(Rus)**

PHYSIOLOGY

Intracellular recordings from renin-positive cells of the afferent glomerular arteriole. Bührle CP, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F272-81

Second messengers in renin secretion. Churchill PC. **Am J Physiol** 1985 Aug;249(2 Pt 2):F175-84 (84 ref.)

SECRETION

Inhibition of renin secretion by platelet activating factor (acetylglyceryl ether phosphorylcholine) in cultured rat renal juxtaglomerular cells. Pfeilschifter J, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):903-10

Intrarenal beta-receptor and renal baroreceptor interaction in the control of the renin response to transient reduction of the renal perfusion pressure in man. Guazzi MD, et al. **J Hypertens** 1985 Feb;3(1):39-45

ULTRASTRUCTURE

Are the renin-containing granules of juxtaglomerular epithelioid cells modified lysosomes? Taugner R, et al. **Cell Tissue Res** 1985;239(3):575-87

Morphology of the juxtaglomerular apparatus and secretory mechanisms. Taugner R, et al. **Contrib Nephrol** 1984;43:76-101 (43 ref.)

Renin storage and cell differentiation in juxtaglomerular cell tumors: an immunohistochemical and ultrastructural study of three cases. Camilleri JP, et al. **Hum Pathol** 1984 Nov;15(11):1069-79

Immunocytochemical localization of renin in juxtaglomerular cells. Lacasse J, et al. **J Histochem Cytochem** 1985 Apr;33(4):323-32

Functional and morphologic studies of the adrenal cortex and kidney in ovine toxaemia of pregnancy. Hill PA, et al. **J Pathol** 1984 Sep;144(1):1-13

K CELLS see **KILLER CELLS**

KAINIC ACID see under **PYRROLIDINES**

KALA-AZAR see **LEISHMANIASIS, VISCERAL**

KALLIDIN

ANALOGS & DERIVATIVES

[Conformational aspects of the molecular mechanism of action of bradykinin. II. Conformation and selectivity of action of bradykinin cycloanalogs] Nikiforovich GV, et al. **Bioorg Khim** 1984 Feb;10(2):170-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Inactivation of bradykinin and kallidin by cathepsin G and mast cell chymase. Reilly CF, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):443-9

PHARMACODYNAMICS

Kinin effects on electrogenic ion transport in primary cultures of pig renal papillary collecting tubule cells. Cuthbert AW, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F439-47

KALLIKREIN

The major androgen-dependent protease in dog prostate belongs to the kallikrein family: confirmation by partial amino acid sequencing. Lazure C, et al. **FEBS Lett** 1984 Sep 17;175(1):1-7

[Single-chain, low molecular weight kininogen in the blood plasma of rabbits: isolation and fragmentation by porcine pancreatic kallikrein] Levina GO, et al. **Biokhimiia** 1985 Feb;50(2):325-36 (Eng. Abstr.) **(Rus)**

ANALYSIS

Kinin activation as a predictive assay for adverse reactions to radiographic contrast medium. Carr DH, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):337-42

A time-course study of submandibular kallikrein, blood glucose and insulin of alloxan-diabetic and streptozotocin-diabetic rats. Jaffa AA, et al. **Agents Actions** 1984 Dec;15(5-6):478-81

Multiple cerebral thrombosis in Fletcher factor (prekallikrein) deficiency: a case report. Harris MG, et al. **Am J Hematol** 1985 Aug;19(4):387-93

Enzyme- and immuno-histochemical localization of kallikrein. II. The human kidney. Kimura K, et al. **Histochemistry** 1984;80(5):443-8

Optimized determination of plasma prokallikrein on a Hitachi 705 analyser. Adam A, et al. **J Clin Chem Clin Biochem** 1985 Apr;23(4):203-7

Immunocytochemical localization of tissue kallikrein in brain ventricular epithelium and hypothalamic cell bodies. Simson JA, et al. **J Histochem Cytochem** 1985 Sep;33(9):951-3

Plasma prekallikrein assay: reversible inhibition of C-1 inhibitor by chloroform and its use in measuring prekallikrein in different mammalian species. Schmaier AH, et al. **J Lab Clin Med** 1984 Dec;104(6):882-92

Reduction of contact factors in sickle cell disease. Gordon EM, et al. **J Pediatr** 1985 Mar;106(3):427-30

Plasma component of middle ear effusion evaluated by prekallikrein level. Hamaguchi Y, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):145-50

Prealbumin, prekallikrein and prothrombin in hepatosplenic schistosomiasis: increased turnover of the clotting proteins? Manoukian N, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):237-40

Electrochemical activity determination of trypsin-like enzymes. VIII. Kallikrein and prekallikrein in plasma and whole blood. Corretge E, et al. **Thromb Res** 1984 Dec 15;36(6):563-70

[Isolation and determination of human plasma prekallikrein] Simonianová E, et al. **Cesk Farm** 1984 Dec;33(10):417-9 (Eng. Abstr.) **(Cze)**

[Determination of factor XII, plasma prekallikrein and factor V in patients with thrombophilic states] Stürzebecner J, et al. **Folia Haematol (Leipz)** 1984;111(4):492-6 (Eng. Abstr.) **(Ger)**

[Determination of plasma prekallikrein using beta-XIIa (Hageman factor fragment)] Komiyama Y, et al. **Rinsho Byori** 1984 May;32(5):558-62 **(Jpn)**

[Effect of clonidine on various components of the plasma kinin system in patients with arterial hypertension] Kolber-Postepska B, et al. **Pol Tyg Lek** 1984 Apr 9;39(15):505-8 (Eng. Abstr.) **(Pol)**

[Activity of the kinin and renin systems in patients treated with hemodialysis using acetate and bicarbonate liquid] Ksiażek A, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):89-92 (Eng. Abstr.) **(Pol)**

[Kallikrein-kinin system of the synovial fluid in closed injury to the knee joint] Maslennikov EIu, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):59-62 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Beneficial effect on intestinal anastomoses of S-2441, a synthetic kallikrein-kinin antagonist. Experimental studies in the rat. Högström H, et al. **Am J Surg** 1985 Sep;150(3):312-4

Specificity of substrate analogue inhibitors of human urinary kallikrein. Okunishi H, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):172-5

Isolation of bovine platelet cationic proteins which inhibit the surface-mediated activation of factor XII and prekallikrein. Kodama K, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):139-51

Renal inactive kallikrein as the possible origin of urinary inactive kallikrein in the rat. Okamura H, et al. **J Pharmacobiodyn** 1985 Mar;8(3):175-85

[Modification of the toxicity of Bothrops atrox poison by interventions in the coagulation and kallikrein system of prey] Meier J, et al. **Folia Haematol (Leipz)** 1984;111(6):877-82 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Kallikrein gene expression in the rat anterior pituitary. Fuller PJ, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):99-105

BLOOD

Plasma total prekallikrein/kallikrein activity in rheumatoid arthritis with and without amyloidosis. Increased kaolin-stimulated activity in patients with amyloidosis. Teppo AM, et al. **Acta Med Scand** 1985;217(4):397-402

Kinin activation as a predictive assay for adverse reactions to radiographic contrast medium. Carr DH, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):337-42

The plasma kallikrein kinin system in severely ill and traumatised patients. Cumming AD, et al. **Arch Emerg Med** 1984 Sep;1(3):135-42

Dynamics of changes in the blood coagulation system, fibrynolysis and kallikreinogenesis in endotoxin shock in rabbits. Prandota J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):357-68

Hormonal regulation of glandular kallikrein activity and its inhibitor in human plasma. Koh H, et al. **Arzneimittelforschung** 1985;35(4):735-7

Isolation and characterization of rat plasma glandular kallikrein. Masferrer J, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):51-6

Effect of cleavage of the heavy chain of human plasma kallikrein on its functional properties. Colman RW, et al. **Blood** 1985 Feb;65(2):311-8

Prekallikrein activation in the adult respiratory distress syndrome. Schapira M, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):237-41

Influence of oral contraceptives and pregnancy on constituents of the kallikrein-kininogen system in plasma. Adam A, et al. **Clin Chem** 1985 Sep;31(9):1533-6

Distribution of plasma kallikrein between C-1 inactivator and alpha 2-macroglobulin in plasma utilizing a new assay for alpha 2-macroglobulin-kallikrein complexes. Harpel PC, et al. **J Biol Chem** 1985 Apr 10;260(7):4257-63

Plasma kallikrein and prorenin in patients with hereditary angioedema. Purdon AD, et al. **J Lab Clin Med** 1985 Jun;105(6):694-9

Acute and chronic effects of captopril on the renin-angiotensin and kallikrein-kinin systems affecting blood pressure and natriuresis. Kida O. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):343-52

Activation of the plasma kallikrein-kinin system through activation of factor XII. Katori M, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):187-91

Electrochemical activity determination of trypsin-like enzymes. VIII. Kallikrein and prekallikrein in plasma and whole blood. Corretge E, et al. **Thromb Res** 1984 Dec 15;36(6):563-70

[Activation of the kallikrein-kinin system by endotoxin in the experimental shock model of the rat] Kühne H, et al. **Z Med Lab Diagn** 1985;26(2):67-70 (Eng. Abstr.) **(Ger)**

[Behavior of the kallikrein-kinin system on alcohol ingestion] Hatake K. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Mar;19(1):32-62 (Eng. Abstr.) **(Jpn)**

[Effects of captopril on renin-angiotensin-aldosterone system and kallikrein-kinin system in patients with essential hypertension] Kida O, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1487-93 (Eng. Abstr.) **(Jpn)**

[The kallikrein-kinin system in renovascular hypertension] Kushiro T. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):823-9 (Eng. Abstr.) **(Jpn)**

[Effect of enalapril maleate (MK-421) on blood pressure, renin-angiotensin system and kallikrein-kinin system in patients with essential hypertension] Shionoiri H, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):759-65 (Eng. Abstr.) **(Jpn)**

[Plasma kallikrein-kinin system in liver diseases--especially in alcoholic liver injuries] Fujii M. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):450-8 (Eng. Abstr.) **(Jpn)**

[Changes in kininogens, kininogenases and fibrinolysis in the blood of parturients] Czokalo M, et al. **Ginekol Pol** 1984 Dec;55(12):911-7 (Eng. Abstr.) **(Pol)**

[Disorders of the kallikrein-kinin system in patients with chronic kidney failure during hemodialysis treatment] Neimark MI. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):42-5 (Eng. Abstr.) **(Rus)**

[Effect of thymalin on the function of the blood kallikrein-kinin system in thymectomized rats] Kiselev VI, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):654-6 (Eng. Abstr.) **(Rus)**

[Activation of the blood kallikrein-kinin system in disseminated intravascular coagulation in rats. The significance of the pulmonary component and an attempt at correction with aspirin] Meshcheriakov GN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):278-81 (Eng. Abstr.) **(Rus)**

[Method for determining kallikrein of tissue origin in blood plasma and its clinical significance] Surovkina MS, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):249-52 (Eng. Abstr.) **(Rus)**

[Effect of heparin and fepromaron on the kallikrein-kinin system in pituitrin-induced hypertension] Semenchenko MV. **Farmakol Toksikol** 1985 May-Jun;48(3):74-7 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the action of nonsteroidal anti-inflammatory preparations on blood plasma kallikrein and the biological effects of bradykinin] Shvarts GIa, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):74-81 (Eng. Abstr.) **(Rus)**

[The function of the kallikrein-kinin system in obstructive jaundice patients] Brusnitsyna MA. **Klin Khir** 1984 Sep;(9):19-21 (Eng. Abstr.) **(Rus)**

[The blood kallikrein-kinin system after pancreatoduodenal resections] Kobets LG, et al. **Klin Khir** 1984 Nov;(11):8-10 (Eng. Abstr.) **(Rus)**

[Kallikrein-kinin, fibrinolytic and coagulation systems of the blood of patients with salmonellosis treated with indomethacin] Pak SG, et al. **Klin Med (Mosk)** 1984 Oct;62(10):99-102 **(Rus)**

[Indices of the blood kallikrein-kinin and coagulating systems in hypertension patients during treatment] Zholob VM, et al. **Klin Med (Mosk)** 1985 Jan;63(1):74-8 (Eng. Abstr.) **(Rus)**

[Function of the blood kallikrein-kinin system in surgical injury and hypoxia of the liver in experiments] Dederer IuM, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):49-52 (Eng. Abstr.) **(Rus)**

[Changes in the kallikrein-kinin system of the blood in bronchopulmonary diseases of young children] Maslikova GV, et al. **Pediatriia** 1985 Mar;(3):57-8 **(Rus)**

[Kallikrein-kinin system of the blood in peptic ulcer] Dorofeev GI, et al. **Sov Med** 1985;(3):16-20 (Eng. Abstr.) **(Rus)**

[The kallikrein-kinin system in dust-induced bronchitis] Lapshina IM, et al. **Sov Med** 1984;(11):16-21 (Eng. Abstr.) **(Rus)**

[The kallikrein-kinin system in chronic respiratory insufficiency] Panfilov IuA, et al. **Sov Med** 1985;(2):9-12 (Eng. Abstr.) **(Rus)**

[Disorders of the kallikrein-kinin, renin-angiotensin and sympathetic-adrenal systems in chronic kidney failure patients during hemodialysis treatment] Neimark MI. **Ter Arkh** 1984;56(9):102-5 (Eng. Abstr.) **(Rus)**

[The kallikrein-kinin system in rosacea patients] Glukhen'kii BT, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):30-2 (Eng. Abstr.) **(Rus)**

[State of the kallikrein-kinin system in blood from the heart ventricle in the dynamics of spontaneous hypertension in the rat] Karpitskii VV. **Vopr Med Khim** 1984 Sep-Oct;30(5):110-3 (Eng. Abstr.) **(Rus)**

[Effect of diet therapy on indices of the activity of the plasma kallikrein-kinin system of young and middle-aged ischemic heart disease patients] Samsonov MA, et al. **Vopr Pitan** 1984 Sep-Oct;(5):11-5 (Eng. Abstr.) **(Rus)**

[Changes in the indicators of the kallikrein-kinin system and pressure in the lesser circulation in acute bronchopulmonary pathology] Chebotareva VD, et al. **Vrach Delo** 1985 Apr;(4):56-8 (Eng. Abstr.) **(Rus)**

[Microcirculation and the function of the blood kallikrin-kinin system in chronic suppurative bronchitis patients with bronchiectasis] Kopylova SA. **Vrach Delo** 1984 Oct;(10):35-7 **(Rus)**

[The blood kallikrein-kinin system of acute myocardial infarct patients] Miagkov II, et al. **Vrach Delo** 1984 Aug;(8):14-6 (Eng. Abstr.) **(Rus)**

[Indicators of the kallikrein-kinin system of the blood in patients with recurrent rheumocarditis and circulatory insufficiency] Salovai VA. **Vrach Delo** 1985 Jun;(6):8-10 (Eng. Abstr.) **(Rus)**

[Various hemodynamic and humoral indicators in the hypertensive crisis] Zholob VM, et al. **Vrach Delo** 1985 Feb;(2):73-6 (Eng. Abstr.) **(Rus)**

[Activation of the kallikrein-kinin system of the blood in hypertension and atherosclerosis with transient cerebral circulatory disorders] Vizir AD, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1152-4 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Prekallikrein (Fletcher factor) deficiency. Sollo DG, et al. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):279-85

CRM+ severe Fletcher factor deficiency associated with Graves' disease. Kyrle PA, et al. **Haemostasis** 1984;14(4):302-6

GENETICS

Expression of glandular kallikrein genes in lymphoid and hemopoietic tissues and cell lines. Summers KM, et al. **Lymphokine Res** 1985 Summer;4(3):229-35

IMMUNOLOGY

Monoclonal antibody to rat plasma kallikrein. Bedi GS, et al. **Hybridoma** 1984 Fall;3(3):287-92

Assay of prekallikrein as plasminogen proactivator in plasma specimens from reactors to dextran or to contrast media. Briseid K, et al. **Int J Tissue React** 1984;6(6):529-36

Human plasma kallikrein and C1 inhibitor form a complex possessing an epitope that is not detectable on the parent molecules: demonstration using a monoclonal antibody. de Agostini A, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5190-3

ISOLATION & PURIFICATION

Isolation of tissue kallikrein in rat spleen by monoclonal antibody-affinity chromatography. Chao J, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):244-9

Purification of human serum prekallikrein, some properties of the purified proenzyme and its stability. Kawiak J, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):287-92

Purification of glandular kallikrein in maxillary mucosa from humans suffering from chronic inflammation. Hamaguchi Y, et al. **Enzyme** 1985;33(1):41-8

The purification of kallikrein from human whole saliva. Hare ER, et al. **Int J Biochem** 1985;17(5):589-95

Purification and characterization of multiple forms of human plasma prekallikrein. Hojima Y, et al. **J Biol Chem** 1985 Jan 10;260(1):400-6

Purification and characterization of rat plasma kallikrein. Bedi GS, et al. **Prep Biochem** 1984 Aug;14(3):257-79

[Purification and some properties of human plasma kallikrein] Steinke M, et al. **Z Med Lab Diagn** 1985;26(4):235-6 **(Ger)**

METABOLISM

The kallikrein-kinin system in operated and non-operated patients with acute pancreatitis. Hiltunen J, et al. **Acta Chir Scand** 1985;151(4):371-5

Steroid induced changes of the renal kallikrein-kinin system in rats. Bönner G, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):131-40

Clearance and metabolism of glandular kallikrein in the rat. Rabito SF, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E664-8

Tissue-specific control of glandular kallikreins. van Leeuwen BH, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F760-4

Immunoglobulin E-mediated release of a kininogenase from purified human lung mast cells. Proud D, et al. **Am Rev Respir Dis** 1985 Aug;132(2):405-8

Diclofenac sodium: blood concentration of the slow-release form and influence on the metabolism of kallikrein. Gross W, et al. **Arzneimittelforsch** 1984;34(10):1327-9

Demonstration of arginyl-bradykinin moiety in rat HMW kininogen: direct evidence for liberation of bradykinin by rat glandular kallikreins. Kato H, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):289-95

Dopamine receptor blockade increases glandular kallikrein-like activity in the neurointermediate lobe of the rat pituitary. Powers CA. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):668-72

The effect of tryptase from human mast cells on human prekallikrein. Schwartz LB, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):76-81

Activation of a latent kinin-generating proteinase in the porcine anterior pituitary. Powers CA, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):182-7

Immunological analysis of rat pancreatic prokallikrein activation. Woodley CM, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):408-14

Demonstration of kallikrein in a rat pancreatic acinar cell carcinoma. Berg T, et al. **Cancer Res** 1985 Jan;45(1):226-34

Porcine pancreatic prokallikrein. III. Some different forms of kallikrein generated from prokallikrein. Kizuki K, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3662-9

Kallikrein-kinins in the central nervous system. Scicli AG, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1731-8

Urinary and renal tissue kallikrein in the streptozocin-diabetic rat. Mayfield RK, et al. **Diabetes** 1985 Jan;34(1):22-8

Limited proteolysis of human low-molecular-mass kininogen by tissue kallikrein. Isolation and characterization of the heavy and the light chains. Müller-Esterl W, et al. **Eur J Biochem** 1985 May 15;149(1):15-22

Surface-dependent activation of human factor XII (Hageman factor) by kallikrein and its light chain. Rosing J, et al. **Eur J Biochem** 1985 Sep 16;151(3):531-8

Kinetic studies on surface-mediated activation of bovine factor XII and prekallikrein. Effects of kaolin and high-Mr kininogen on the activation reactions. Sugo T, et al. **Eur J Biochem** 1985 Jan 2;146(1):43-50

Kallikrein and kininases in ocular tissues. Igic R. **Exp Eye Res** 1985 Jul;41(1):117-20

Proteolytic activation of tissue plasminogen activator by plasma and tissue enzymes. Ichinose A, et al. **FEBS Lett** 1984 Oct 1;175(2):412-8

Pathogenesis of serratial infection: activation of the Hageman factor-prekallikrein cascade by serratial protease. Matsumoto K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):739-49

Activation of factor XII and prekallikrein with polysaccharide sulfates and sulfatides: comparison with kaolin-mediated activation. Shimada T, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):429-39

Interaction of factor XII, high-molecular-weight (HMW) kininogen and prekallikrein with sulfatide: analysis by fluorescence polarization. Shimada T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1637-44

Structure and function of human low density lipoproteins. Studies using proteolytic cleavage by plasma kallikrein. Yamamoto M, et al. **J Biol Chem** 1985 Jul 15;260(14):8509-13

Visualization of renal kallikrein in luminal and basolateral membranes: effect of the tissue processing method [letter] Figueroa CD, et al. **J Histochem Cytochem** 1984 Nov;32(11):1238-40

Activation of human and rabbit prokallikrein by serine and metalloproteases. Noda Y, et al. **Kidney Int** 1985 Apr;27(4):630-5

Tissue kallikrein levels and synthesis rates are not changed by an acute physiological dose of aldosterone. Miller DH, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):121-5

Role of renal kallikrein in the derangement of sodium and water excretion in cirrhotic patients. Hattori K, et al. **Scand J Gastroenterol** 1984 Sep;19(6):844-8

Activation of factor XII and prekallikrein with cholesterol sulfate. Shimada T, et al. **Thromb Res** 1985 Apr 1;38(1):21-31

Activation of blood coagulation, fibrinolytic and kallikrein systems during storage of plasma. Blombäck M, et al. **Vox Sang** 1984;47(5):355-42

[Changes in the activity of renal intracortical kallikrein during induction of Goldblatt arterial hypertension of the 2 kidney--1 clip type in the rat] Girolami JP, et al. **Arch Mal Coeur** 1984 Oct;77(11):1204-9 (Eng. Abstr.) **(Fre)**

[Glandular kallikrein in chronic recurrent parotitis] Maier H, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):633-5 (Eng. Abstr.) **(Ger)**

[Renal kallikrein-kinin system. Biochemical and clinical aspects] Kuska J, et al. **Postepy Hig Med Dosw** 1984 Mar-Apr;38(2):169-85 (91 ref.) (Eng. Abstr.) **(Pol)**

[Kallikrein-kinin system of the lymph in early post-resuscitation period] Minnebaev MM, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):45-7 (Eng. Abstr.) **(Rus)**

[Determination of kallikrein activity in blood and sputum by a biochemical method] Goncharova VA. **Lab Delo** 1985;(2):105-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Intraocular pressure and systemic blood pressure after administration of vasoactive substances in hypertensive and normal rats. Funk R, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):145-9

Effect of glandular kallikrein on renin release in isolated rat glomeruli. Beierwaltes WH, et al. **Hypertension** 1985 Jan-Feb;7(1):27-31

Further immunological studies on components of the kallikrein-kinin system. Immunomodulatory effect in mice. Bratanov K, et al. **Int J Fertil** 1984;29(4):224-7

C3d-K, a kallikrein cleavage fragment of iC3b is a potent inhibitor of cellular proliferation. Thoman ML, et al. **J Immunol** 1984 Nov;133(5):2629-33

Effects of orally administered glandular kallikrein on urinary kallikrein and prostaglandin excretion, plasma immunoreactive prostanoids and platelet aggregation in essential hypertension. Ogawa K, et al. **Klin Wochenschr** 1985 Apr 1;63(7):332-6

Effects of purified hog pancreatic kallikrein on the kinin-prostaglandin system and renin-angiotensin-aldosterone system. Honda M, et al. **Nephron** 1985;41(1):34-8

Renal effects of aprotinin, a kallikrein inhibitor in rats in saline diuresis. Kauker ML. **Proc Soc Exp Biol Med** 1985 Feb;178(2):222-6

Activation of factor B of the complement system by kallikrein and its light chain. Hiemstra PS, et al. **Thromb Res** 1985 Jun 1;38(5):491-503

[The effects of hog pancreatic kallikrein on the plasma kinins-prostaglandins and renin-angiotensin-aldosterone systems] Nagashima Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1031-40 (Eng. Abstr.) **(Jpn)**

[Effect of kallikrein and corticosteroids on the enzyme-secretory function of the salivary glands] Levitskii AP, et al. **Fiziol Zh SSSR** 1984 Jun;70(6):842-5 **(Rus)**

PHYSIOLOGY

Present knowledge on contact factors. Theoretical and practical aspects. Soulier JP, et al. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):785-805 (68 ref.)

Studies of the kallikrein-kinin system and prostaglandins in epithelial ion transport. Margolius HS, et al. **Soc Gen Physiol Ser** 1985;39:121-33 (41 ref.)

Cold promoted activation and factor XII, prekallikrein and C1-inhibitor. Czendlik C, et al. **Thromb Haemost** 1985 Apr 22;53(2):242-4

[Pharmacological mechanism of modern diuretics. Role of prostaglandins, kallikrein and kinins] Omata K, et al. **Nippon Rinsho** 1984 Sep;42(9):2001-8 (42 ref.) **(Jpn)**

[Pharmacology of the kallikrein-kinin system] Shimamoto K, et al. **Nippon Rinsho** 1985 May;43(5):964-70 (18 ref.) **(Jpn)**

[Agents to improve cerebrovascular circulation and cerebral metabolism—the kallikrein-kinin system] Shio H. **Nippon Rinsho** 1985 Feb;43(2):409-12 (12 ref.) **(Jpn)**

[Role of the kallikrein-kinin system and prostaglandins in the action of dopamine on blood flow and sodium transport in the rat kidney] Kuz'min OB, et al. **Fiziol Zh SSSR** 1985 May;71(5):619-24 (Eng. Abstr.) **(Rus)**

SECRETION

Insulin potentiates cholecystokinin (CCK)-induced secretion of pancreatic kallikrein. Berg T, et al. **Acta Physiol Scand** 1985 Jan;123(1):89-95

Parotid kallikrein secretion in the rat after alterations of electrolyte transport and cAMP activity. Röckel A, et al. **Miner Electrolyte Metab** 1985;11(1):14-8

[The kidney as an endocrine organ. I. Renin-angiotensin and kallikrein-kinin systems and renal prostaglandins] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):313-20 **(Pol)**

THERAPEUTIC USE

Treatment of men with oligoasthenozoospermia and asthenozoospermia with kallikrein. Micic S, et al. **Acta Eur Fertil** 1985 Jan-Feb;16(1):51-4

[Kallikrein therapy in asthenozoospermia] Neumann J, et al. **Dermatol Monatsschr** 1985;171(2):102-5 (Eng. Abstr.) **(Ger)**

URINE

Urinary excretion of kallikrein before and after operation for aldosterone-producing adenoma. Hesse B, et al. **Acta Med Scand** 1985;217(5):501-5

Urinary kallikrein in mild to moderate essential hypertension. Franchi F, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:193-7

Effects of acute hydration on urinary kallikrein production in hypertensive patients. Masotti G, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:189-91

The renal kallikrein-kinin system in spontaneously hypertensive rats. Bönner G, et al. **Agents Actions** 1984 Oct;15(3-4):111-8

Abnormalities in kallikrein excretion in spontaneously hypertensive rats. Ader JL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F396-403

Orthostatic response of plasma renin activity and urinary kallikrein excretion in children with difficulty awakening in the morning. Uchiyama M, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):373-6

Effect of extracellular space on kallikrein excretion in the rat. Martinez Seeber A, et al. **Arch Int Physiol Biochim** 1985 May;93(1):33-6

Effect of norepinephrine and vasopressin on renal kallikrein excretion in rats. Martinez Seeber A, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):83-8

Mechanism of urinary kallikrein excretion. Martinez Seeber A, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):89-91

The influence of isotonic saline administration on the urinary excretion of kallikrein in rats. Marin-Grez M, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3585-90

Natriuretic and smooth muscle responses to human urinary natriuretic hormone in rats: relation to blood pressure and kallikrein excretion in patients. Mills IH, et al. **Clin Exp Hypertens [A]** 1985;7(5-6):783-92

Urinary kallikrein and systemic prostacyclin synthesis during sodium chloride infusion in normal man. Watson ML, et al. **Clin Sci** 1985 May;68(5):537-43

Urinary kallikrein and prostaglandin response to frusemide in mild hypertension. Mackay IG, et al. **Contrib Nephrol** 1984;41:160-2

Prostaglandins and kallikrein during volume expansion in normal man. Watson ML, et al. **Contrib Nephrol** 1984;41:31-4

A simple and sensitive method for determination of human urinary kallikrein activity (kininogenase activity), using human low molecular weight kininogen. Kondo M, et al. **Endocrinol Jpn** 1984 Oct;31(5):635-43

A kinetic assay for human urinary kallikrein determination. Meani A, et al. **Enzyme** 1985;33(2):89-93

Is the renal kallikrein system relevant to sodium sensitivity in patients with essential hypertension. Koolen MI, et al. **Eur J Clin Invest** 1985 Jun;15(3):151-6

The vasoactive proteins in human urine. Giorginis S, et al. **FEBS Lett** 1985 Jan 21;180(1):61-4

Urinary kallikrein in hypertension secondary to hemolytic uremic syndrome: response to diuretic stimulus. Grunfeld B, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):205-8

Urinary excretion of activatable kallikrein in one-kidney pole-ligated hypertensive rats. Vergara M, et al. **J Hypertens** 1983 Dec;1(4):387-91

Effect of aldosterone on urinary kallikrein and prostaglandin excretion in the rat. Fejes-Toth G, et al. **J Physiol (Lond)** 1984 Sep;354:79-88

Activation of urinary inactive kallikrein by an extract from the rat kidney cortex. Takaoka M, et al. **Life Sci** 1985 Sep 16;37(11):1015-22

Urinary kallikrein excretion in glomerulonephritis and nephrotic syndrome. Cumming AD, et al. **Nephron** 1985;39(3):206-10

Urinary kallikrein in normal pregnancy, pregnancy with hypertension, and toxemia. Kovatz S, et al. **Nephron** 1985;40(1):48-51

Effect of angiotensin, noradrenaline, vasopressin and aldosterone on urinary kallikrein excretion in the rat. Catanzaro OL, et al. **Pharmacol Res Commun** 1984 Aug;16(8):775-83

Decreased urinary active and inactive kallikrein by chronic infusion of vasopressin in conscious rats. Vasujima M, et al. **Tohoku J Exp Med** 1985 Feb;145(2):215-22

[A case of Bartter's syndrome—special reference to tubular function, the prostaglandin and the kallikrein-kinin system in the kidney] Ishiyama N, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):113-21 (Eng. Abstr.) **(Jpn)**

[Effects of salt loading on urinary excretion of kallikrein in normotensive subjects and patients with essential hypertension] Igari T. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1149-57 **(Jpn)**

[A depressor substance system in hypertension] Yamada K, et al. **Nippon Rinsho** 1985 May;43(5):908-13 **(Jpn)**

[Urinary kallikrein quantity and activity in normal pregnant women in the third trimester] Hiruta M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1156-60 (Eng. Abstr.) **(Jpn)**

[Urinary kallikrein levels during pregnancy] Saitoh M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):539-46 (Eng. Abstr.) **(Jpn)**

[Evaluation of urinary kallikrein assay using various chromogenic peptide substrates (II).] Irie A, et al. **Rinsho Byori** 1984 Nov;32(11):1242-6 **(Jpn)**

[Urinary kallikrein activity in a hyporeninemic hypoaldosteronism syndrome] Mezzano S, et al. **Rev Med Chil** 1984 Apr;112(4):364-8 (Eng. Abstr.) **(Spa)**

KALLIKREIN-TRYPSIN INACTIVATOR

Experience with fibrin seal (Tisseel) in operations for congenital heart defects. Stark J, et al. **Ann Thorac Surg** 1984 Oct;38(4):411-3

The refined 2.2-A (0.22-nm) X-ray crystal structure of the ternary complex formed by bovine trypsinogen, valine-valine and the Arg15 analogue of bovine pancreatic trypsin inhibitor. Bode W, et al. **Eur J Biochem** 1984 Oct 1;144(1):185-90

Two-dimensional 1H NMR of two chemically modified analogs of the basic pancreatic trypsin inhibitor. Sequence-specific resonance assignments and sequence location of conformation changes relative to the native protein. Stassinopoulou CI, et al. **Eur J Biochem** 1984 Dec 3;145(2):423-30

Amide-proton exchange studies by two-dimensional correlated 1H NMR in two chemically modified analogs of the basic pancreatic trypsin inhibitor. Wagner G, et al. **Eur J Biochem** 1984 Dec 3;145(2):431-6

Kinetic role of a meta-stable native-like two-disulphide species in the folding transition of bovine pancreatic trypsin inhibitor. Creighton TE, et al. **J Mol Biol** 1984 Nov 5;179(3):497-526

Folding pathway of a circular form of bovine pancreatic trypsin inhibitor. Goldenberg DP, et al. **J Mol Biol** 1984 Nov 5;179(3):527-45

Protein normal-mode dynamics: trypsin inhibitor, crambin, ribonuclease and lysozyme. Levitt M, et al. **J Mol Biol** 1985 Feb 5;181(3):423-47

Calibration of the angular dependence of the amide proton-C alpha proton coupling constants, 3JHN alpha, in a globular protein. Use of 3JHN alpha for identification of helical secondary structure. Pardi A, et al. **J Mol Biol** 1984 Dec 15;180(3):741-51

Structure of bovine pancreatic trypsin inhibitor. Results of joint neutron and X-ray refinement of crystal form II. Wlodawer A, et al. **J Mol Biol** 1984 Dec 5;180(2):301-29

[Clinical application of a new fibrin adhesive (Tisseel) in urologic surgery] Miyake K, et al. **Hinyokika Kiyo** 1985 Feb;31(2):357-64 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Results of treatment, including the local use of contrical, of patients with newly detected pulmonary tuberculosis complicated by endobronchitis] Maliev BM, et al. **Probl Tuberk** 1985;(3):40-2 (Eng. Abstr.) **(Rus)**

[State of local renal hemostasis in experimental nephritis after the administration of heparin, antithrombin III and prodectin] Sokratov NV. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):62-6 (Eng. Abstr.) **(Rus)**

[Unconventional chemotherapy of viral infections] Zhdanov VM. **Vestn Akad Med Nauk SSSR** 1984;(8):24-31 **(Rus)**

ADVERSE EFFECTS

Anaphylactic reaction to aprotinin [letter] **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1696

Anaphylactic reaction to aprotinin despite negative ocular sensitivity tests. LaFerla GA, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1176-7

Lipohypertrophy and glomerulonephritis after the use of aprotinin in an insulin-dependent diabetic [letter] Boag F, et al. **N Engl J Med** 1985 Jan 24;312(4):245-6

ANALYSIS

Carbohydrate-containing derivatives of the trypsin-kallikrein inhibitor aprotinin from bovine organs. I. Modification with lactose, characterization and behaviour of the preparation in vivo. Larionova NI, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):791-7

On the contamination of commercially available aprotinins with pancreatic islet peptides. Baldissera FG, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):669-72

BLOOD

Hormonal regulation of glandular kallikrein activity and its inhibitor in human plasma. Koh H, et al. **Arzneimittelforschung** 1985;35(4):735-7

DIAGNOSTIC USE

Is the noninvasive measurement of renal handling of small proteins in man possible? Preliminary results with a new method using Tc99m-aprotinin. Bianchi C, et al. **Contrib Nephrol** 1984;42:70-3

[99mTc aprotinin in the individual study of renal parenchymal morphology and function in pediatric urology] Chiari G, et al. **Minerva Pediatr** 1985 May 15;37(9):323-5 (Eng. Abstr.) **(Ita)**

METABOLISM

Aprotinin turn-over studies in dog and in man with severe acute pancreatitis. Balldin G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec;365(12):1417-23

[Effect of trypsin inhibitor on proteolysis of dietary proteins in experiments in vivo] Sadykova RE. **Vopr Pitan** 1984 Jul-Aug;(4):65-6 **(Rus)**

PHARMACODYNAMICS

Effect of proteinase inhibitors on rabbit uterine ultrastructure. Lescoat D. **Acta Anat (Basel)** 1985;121(1):17-20

Opposing effects of captopril and aprotinin on tubuloglomerular feedback responses. Schnermann J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F912-8

Fibronectin--a plasmin-sensitive glycoprotein of the transit zone: protection by aprotinin. Heine H, et al. **Arzneimittelforsch** 1984;34(6):696-8

Mechanism of protection against 'reperfusion injury' by aprotinin. Roles of polymorphonuclear leucocytes and oxygen radicals. Hallett MB, et al. **Biochem Pharmacol** 1985 May 15;34(10):1757-61

Effects of aprotinin on renal function. Kramer HJ, et al. **Contrib Nephrol** 1984;42:233-41

Effect of aprotinin on metabolic changes in blood following aortofemoral bypass operation. Horl M, et al. **Eur Surg Res** 1985;17(3):186-96

Gabexate mesilate (FOY) and aprotinin. A comparative study of the effects on trypsin-induced activation of the kinin and complement systems in vivo and in vitro. Lasson A, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec; 365(12):1409-15

Effect of the protease inhibitor aprotinin on renal hemodynamics in the pig. Maier M, et al. **Hypertension** 1985 Jan-Feb;7(1):32-8

Myxovirus replication in chicken embryos can be suppressed by aprotinin due to the blockage of viral glycoprotein cleavage. Zhirnov OP, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1633-8

The enhancing effect of gelatin on aprotinin activity. Shikimi T, et al. **Jpn J Pharmacol** 1984 Oct;36(2):197-203

Renal effects of aprotinin, a kallikrein inhibitor in rats in saline diuresis. Kauker ML. **Proc Soc Exp Biol Med** 1985 Feb;178(2):222-6

Effectiveness of aprotinin in blocking a hypotensive factor of pancreatic origin from the pig, dog and monkey. Traverso LW. **Resuscitation** 1985 Mar;12(4):271-7

Inhibitory effect of aprotinin on gastric acid secretion. Jørgensen KD, et al. **Scand J Gastroenterol** 1984 Nov; 19(8):999-1006

[Equimolecular (unsaturated) aprotinin-plasmin complex. Biochemical and pharmacological activity] Vairel EG, et al. **Ann Pharm Fr** 1984;42(6):509-17 (Eng. Abstr.) **(Fre)**

[In vitro aggregation of rat platelets by cumulative doses of trypsin: influence of aprotinin] Mary A, et al. **C R Soc Biol (Paris)** 1984;178(6):684-90 (Eng. Abstr.) **(Fre)**

[Effects of various drugs and fluid on the blood coagulation-fibrinolysis and kinin systems in canine hemorrhagic shock] Hatano K. **Masui** 1985 May;34(5):637-48 (Eng. Abstr.) **(Jpn)**

[Protective effect of a protease inhibitor 'Aprotinin' on acute ischemic myocardium] Tanaka H, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):544-9 (Eng. Abstr.) **(Jpn)**

[Suppression of the proteolytic activation of myxoviruses in infected chick embryos by using aprotinin] Zhirnov OP, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):207-14 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Effectiveness of normal saline solution, dextran 40 or dextran 75, and aprotinin (Trasylol) on renal blood flow preservation during acute canine pancreatitis. Wells AD, et al. **Am J Surg** 1984 Nov;148(5):624-9

[Enzymatic treatment of central serous retinopathy] Radian AB, et al. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):299-300 (Eng. Abstr.) **(Rum)**

[Use of the protease inhibitor kontrikal in treating phakogenic uveitis] Kot OA, et al. **Oftalmol Zh** 1984;(8):486-9 (Eng. Abstr.) **(Rus)**

KANAMYCIN

Age-dependent changes in susceptibility to ototoxic hearing loss. Prieve BA, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):428-38

Aminoglycoside resistance in gram-negative bacilli during increased amikacin use. Comparison of experience in 14 United States hospitals with experience in the Minneapolis Veterans Administration Medical Center. Gerding DN, et al. **Am J Med** 1985 Jul 15;79(1A):1-7

ADMINISTRATION & DOSAGE

Single-dose kanamycin therapy of gonococcal ophthalmia neonatorum. Fransen L, et al. **Lancet** 1984 Dec 1; 2(8414):1234-7

[Vacuum-electrophoresis and vacuum-aspiration in the complex treatment of phlegmon in newborn infants] Prokopova LV, et al. **Klin Khir** 1985;(6):27-9 (Eng. Abstr.) **(Rus)**

[Transthoracic intrapulmonary administration of antibiotics with an injector in the treatment of acute pneumonia] Provotorov VM, et al. **Vestn Khir** 1985 May;134(5):36-8 (Eng. Abstr.) **(Rus)**

[Experimental study of intraocular collagen-based medicated films with dexamethasone and kanamycin] Grusha OV, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):51-3 (Eng. Abstr.) **(Rus)**

ANALOGS & DERIVATIVES

Overview of first-line amikacin therapy for urologic infections. Carson CC 3d, et al. **Am J Med** 1985 Jul 15; 79(1A):51-4

Role of amikacin in the management of intra-abdominal sepsis. Dougherty SH. **Am J Med** 1985 Jul 15;79(1A):28-36 (81 ref.)

Antibiotic treatment of complicated urologic infections. Six selected case studies. Graham SD Jr. **Am J Med** 1985 Jul 15;79(1A):55-60

Three-year experience with amikacin sulfate as an exclusive surgical aminoglycoside in a large acute-care hospital. Lee JT Jr. **Am J Med** 1985 Jul 15;79(1A):37-42

Treatment of pediatric infections with amikacin as first-line aminoglycoside. Shulman ST, et al. **Am J Med** 1985 Jul 15;79(1A):43-50

Review of amikacin usage in the EORTC trials. Zinner SH. **Am J Med** 1985 Jul 15;79(1A):17-20

Comparative toxicity of intravitreal aminoglycoside antibiotics. D'Amico DJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):264-75

Clinical pharmacokinetics of amikacin in dogs. Baggot JD, et al. **Am J Vet Res** 1985 Aug;46(8):1793-6

Amikacin concentrations in serum following intraoperative irrigation of the pleura and peritoneum. Van Way CW, et al. **Ann Surg** 1985 Mar;201(3):333-6

Effect of pentobarbital anesthesia on amikacin concentrations in plasma and perilymph and evaluation of multiple sampling in perilymph of guinea pigs. Desjardins-Giasson S, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):720-3

Comparison of standard versus pharmacokinetically adjusted amikacin dosing in granulocytopenic cancer patients. Finley RS, et al. **Antimicrob Agents Chemother** 1982 Aug; 22(2):193-7

Early synergistic interactions between amikacin and six beta-lactam antibiotics against multiply resistant members of the family Enterobacteriaceae. Glew RH, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):378-81

In vitro activities of ureidopenicillins alone and in combination with amikacin and three cephalosporin antibiotics. Moody JA, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):256-9

Bactericidal activity of ceftazidime in serum compared with that of ticarcillin combined with amikacin. Standiford HC, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):339-42

Antagonistic effect of penicillin-amikacin combinations against enterococci. Thauvin C, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):78-83

Serum bactericidal activity of aztreonam, cefoperazone, and amikacin, alone or in combination, against Escherichia coli, Klebsiella pneumoniae, Serratia marcescens, and Pseudomonas aeruginosa. Van Laethem Y, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):224-7

Disseminated disease due to Mycobacterium chelonei treated with amikacin and cefoxitin. Absence of killing with either agent and possible role of granulocytes in clinical response. Carpenter JL, et al. **Arch Intern Med** 1984 Oct; 144(10):2063-5

Gentamicin, tobramycin, amikacin, and netilmicin levels in tears following intravenous administration. Woo FL, et al. **Arch Ophthalmol** 1985 Feb;103(2):216-8

Effects of dibekacin, a new aminoglycoside antibiotic, on the rat sciatic nerve-gastrocnemius muscle preparation. Renna G, et al. **Arzneimittelforsch** 1984;34(11):1540-2

Mechanism of protective effect of fosfomycin against aminoglycoside ototoxicity. Ohtani I, et al. **Auris Nasus Larynx** 1984;11(3):119-24

In vitro and in vivo interactions of recent cephalosporins with gentamicin and amikacin. Giamarellou H, et al. **Chemioterapia** 1984 Jun;3(3):183-7

In vitro evaluation of ceftazidime (GR 20263), amikacin and sisomicin, in a model simulating serum pharmacokinetics of therapeutic doses. Xerri L, et al. **Chemioterapia** 1984 Oct;3(5):271-7

Amikacin pharmacokinetics in morbidly obese patients undergoing gastric-bypass surgery. Blouin RA, et al. **Clin Pharm** 1985 Jan-Feb;4(1):70-2

Comparative study of cefoperazone and amikacin. Whang CW, et al. **Clin Ther** 1984;7(1):40-8

Pharmacodynamics and pharmacokinetics of dibekacin in the neonate--comparison between the intramuscular and intravenous routes. Autret E, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:121-4

Dibekacin in the newborn: pharmacokinetics and evaluation of ototoxicity in neonates and premature infants. Begue P, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:116-20

Effect of peritoneal dialysis on serum concentrations of three drugs commonly used in pediatric patients. Chow-Tung E, et al. **Dev Pharmacol Ther** 1985;8(2):85-95

Effect of 'high-dose' amikacin in children. Kumor KM, et al. **Dev Pharmacol Ther** 1984;7(6):368-76

In vitro activity of enoxacin compared with norfloxacin and amikacin. van der Auwera P, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):55-8

Transferable amikacin resistance in pseudomonas maltophilia and acinetobacter calcoaceticus [letter] Krčméry V, et al. **Infection** 1985 Mar-Apr;13(2):89-90

Cefotaxime plus amikacin as empiric therapy in the treatment of febrile episodes in neutropenic patients with hematologic malignancies. Martino P, et al. **Infection** 1985 May-Jun; 13(3):125-9

Pharmacokinetics of dibekacin in children with cystic fibrosis. Courcol RJ, et al. **Int J Clin Pharmacol Res** 1985; 5(2):87-91

Influence of dose in the urinary excretion of amikacin. Lanao JM, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct; 22(10):538-42

The lysosomal toxicity of aminoglycosides: a morphometric approach. Morin JP, et al. **Int J Tissue React** 1984; 6(5):427-35

Amikacin therapy for Pseudomonas cellulitis in an Amazon parrot. Junge RE, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):417-8

Chemical modification of amikacin at C-4" with inversion of configuration. Albert R, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):275-8

Studies on antiviral agents. I. Synthesis and in vitro antiviral activity of new kanamycin A derivatives. Matsuda K, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):547-9

The acetylation of 6'-amino group of amikacin by a new enzyme prepared from serratia sp. Morohoshi T, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1687-91

Synergistic activity in vitro of the new cephalosporin antibiotic HR 810 with gentamicin and amikacin against multiresistant pathogens. Seibert G, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):929-30

Mezlocillin, ceftizoxime, and amikacin alone and in combination against six Enterobacteriaceae in a neutropenic site in rabbits. Gerding DN, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:207-19

Evaluation of the resistance mechanisms of gentamicin-resistant Gram-negative bacilli and their susceptibility to tobramycin, netilmicin and amikacin. Maes P. **J Antimicrob Chemother** 1985 Mar;15(3):283-9

Inactivation of netilmicin and amikacin by intact or disrupted leucocytes. Thys JP, et al. **J Antimicrob Chemother** 1984 Oct;14(4):435-8

The International Standard for Amikacin. Lightbown JW, et al. **J Biol Stand** 1985 Jan;13(1):3-12

Transferable amikacin and cefamandole resistance: Pseudomonas maltophilia and Acinetobacter strains as possible reservoirs of R plasmids. Krčméry V, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):141-6

Amikacin-resistant gram-negative bacilli: correlation of occurrence with amikacin use. Levine JF, et al. **J Infect Dis** 1985 Feb;151(2):295-300

Prospective controlled evaluation of auditory function in neonates given netilmicin or amikacin. Finitzo-Hieber T, et al. **J Pediatr** 1985 Jan;106(1):129-36

Age-dependent aminoglycoside nephrotoxicity. Fujita K, et al. **J Urol** 1985 Sep;134(3):596-7

Pharmacokinetics of amikacin in the horse following intravenous and intramuscular administration. Orsini JA, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):194-201

An overview of amikacin. Ristuccia AM, et al. **Ther Drug Monit** 1985;7(1):12-25 (144 ref.)

[Penetration of amikacin into the anterior chamber of the human eye] Barrera V, et al. **J Fr Ophtalmol** 1984; 7(8-9):539-43 (Eng. Abstr.) **(Fre)**

[Chronotoxicity of amikacin] Dorian C, et al. **Pathol Biol (Paris)** 1985 May;33(5):377-80 (Eng. Abstr.) **(Fre)**

[Penetration of amikacin into the anterior chamber of the human eye (letter)] Barrera V, et al. **Therapie** 1985 Mar-Apr;40(2):135-7 **(Fre)**

[Kanendomycin in the topical treatment of proctosigmoiditis] Cigala O, et al. **Clin Ter** 1984 Oct 31;111(2):155-7 (Eng. Abstr.) **(Ita)**

[Comparative activity of dibekacin and several cephalosporins on Pseudomonas aeruginosa] Carlone NA, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec; 76(7-12):246-56 (Eng. Abstr.) **(Ita)**

[Empiric therapy with piperacillin plus amikacin for febrile patients with cancer--with emphasis on granulocytopenia] Sampi K, et al. **Gan To Kagaku Ryoho** 1985 Jun; 12(6):1301-5 (Eng. Abstr.) **(Jpn)**

[Amikacin concentration in the severely obstructed urinary tract] Yamasaki Y, et al. **Hinyokika Kiyo** 1984 Aug; 30(8):1127-34 (Eng. Abstr.) **(Jpn)**

[Experience in combination therapy with amikacin and cephapirin for infections complicated with acute leukemia during induction chemotherapy] Hasegawa S, et al. **Jpn J Antibiot** 1984 Sep;37(9):1631-6 (Eng. Abstr.) **(Jpn)**

[Phasic components of isolated frog utricle and the effect of ototoxic drugs] Shirane M. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May;88(5):651-8 (Eng. Abstr.) **(Jpn)**

[Combined effect of cefotaxime and aminoglycoside antibiotics on Pseudomonas strains and group D streptococci] Linda H, et al. **Med Dosw Mikrobiol** 1984; 36(4):223-9 (Eng. Abstr.) **(Pol)**

[Synergistic effect of new beta-lactam antibiotics, clavulanic acid and dibekacin on pathogenic microorganisms] Jastalska D, et al. **Pol Tyg Lek** 1984 Oct 22;39(43):1415-8 (Eng. Abstr.) **(Pol)**

[Amikacin-induced hearing loss in patients treated with repeated hemodialysis] Niemierko J, et al. **Pol Tyg Lek** 1984 Nov 5;39(45):1477-8 (Eng. Abstr.) **(Pol)**

[Experimental study of the pharmacological properties of amikacin] Berezhinskaia VV, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):355-60 (Eng. Abstr.) **(Rus)**

[Ceftriaxone by systemic route combined with amikacin by intraventricular route in the treatment of ventriculitis in children with hydrocephalus] Prado V, et al. **Bol Med Hosp Infant Mex** 1984 Sep;41(9):476-80 (Eng. Abstr.) **(Spa)**

ANALYSIS

[Comparative study of the quantitative determination of kanamycin sulfate in ophthalmic films with a collagen base by microbiological and chemical methods] Ivanova LA, et al. **Antibiotiki** 1984 Dec;29(12):922-4 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

[Antitoxic properties of pantothenic acid derivatives, precursors of coenzyme A biosynthesis, with regard to kanamycin] Moiseenok AG, et al. **Antibiotiki** 1984 Nov; 29(11):851-5 (Eng. Abstr.) **(Rus)**

[Selection, analysis and mapping of mutations in the gene for resistance to kanamycin in plasmid RP4] Mironov VN, et al. **Genetika (Moskva)** 1984 Sep;20(9):1457-62 (Eng. Abstr.) **(Rus)**

[Transfer of kanamycin resistance among familial strains of Enterobacteriaceae isolated from a chronic bacterial carrier of Salmonella schottmuelleri] Dombrovskii AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):65-70 (Eng. Abstr.) **(Rus)**

METABOLISM

Cationic degradation of streptomycin and kanamycin by Aspergillus niger in broth cultures during fermentation in shake flasks. Saksena NK, et al. **Hindustan Antibiot Bull** 1984 Aug-Nov;26(3-4):96-101

Dissociation of maximum concentration of kanamycin in plasma and perilymph from ototoxic effect. Davis RR, et al. **J Antimicrob Chemother** 1984 Sep;14(3):291-302

[Kanamycin concentrations in liver tissue and bile in acute experimental cholecystocholangiohepatitis] Alekseenko AV, et al. **Antibiotiki** 1984 Nov;29(11):829-30 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The potentiation of ototoxicity when aminooxyacetic acid and kanamycin are co-administered. Bryant GM, et al. **Hear Res** 1984 Aug;15(2):173-8

Incorporation of glycerol in the organ of Corti: predominance in hair cells and effects of kanamycin. Nishimura H, et al. **Hear Res** 1985 Jan;17(1):37-40

Transposable lambda placMu bacteriophages for creating lacZ operon fusions and kanamycin resistance insertions in Escherichia coli. Bremer E, et al. **J Bacteriol** 1985 Jun;162(3):1092-9

Organization of the Tn6-related kanamycin resistance transposon Tn2680 carrying two copies of IS26 and an IS903 variant, IS903. B. Mollet B, et al. **J Bacteriol** 1985 Jul;163(1):55-60

Failure of the disk diffusion test to detect tobramycin resistance in kanamycin-resistant Escherichia coli strains. Santanam P. **J Clin Microbiol** 1984 Aug;20(2):295-7

A 140 base-pair DNA segment from the kanamycin resistance region of plasmid R1 acts as an origin of replication and promotes site-specific recombination. Clerget M. **J Mol Biol** 1984 Sep 5;178(1):35-46

Use of phenotypic suppression for direct selection of loss of aminoglycoside antibiotic resistance determinants. Hector ML. **MGG** 1984;196(2):254-7

Molecular and general genetics of a hybrid foreign gene introduced into tobacco by direct gene transfer. Potrykus I, et al. **MGG** 1985;199(2):169-77

Penicillinase inactivates kanamycin in the presence of carbenicillin. Dums F, et al. **Naturwissenschaften** 1985 Jul;72(7):375-6

Behavioral analysis of kanamycin administration to mice. Perdue VP, et al. **Neurotoxicology (Park Forest Il)** 1984 Summer;5(2):101-12

[Determinant of resistance to kanamycin in Streptomycin rimosus: amplification in the chromosome and reversible genetic instability] Potekhin IaA, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):805-17 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Efficacy of gentamicin and kanamycin in the treatment of uncomplicated gonococcal urethritis in Zambia. Hira SK, et al. **Sex Transm Dis** 1985 Jan-Mar;12(1):52-4

TOXICITY

Results of an ultrastructural study comparing stria vascularis with organ of Corti in guinea pigs treated with kanamycin. Gratacap B, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):339-42

Comparative toxicity of intravitreal aminoglycoside antibiotics. D'Amico DJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):264-75

DNA sequences specifying the transcription of the streptococcal kanamycin resistance gene in Escherichia coli and Bacillus subtilis. Trieu-Cuot P, et al. **MGG** 1985;198(2):348-52

Accumulation of drugs on inner ear melanin. Therapeutic and ototoxic mechanisms. Wästerström SA. **Scand Audiol [Suppl]** 1984;23:1-40

Endotoxemia induced by antibiotic therapy: a mechanism for adrenal corticosteroid protection in gram-negative sepsis. Johnston CA, et al. **Trans Assoc Am Physicians** 1984;97:172-81

KANDINSKY SYNDROME see **ORGANIC MENTAL DISORDERS, PSYCHOTIC**

KANGAROOS see under **MARSUPIALIA**

KANNER'S SYNDROME see **AUTISM, INFANTILE**

KAOLIN

Specificity of virus adsorption to clay minerals. Lipson SM, et al. **Can J Microbiol** 1985 Jan;31(1):50-3

ADMINISTRATION & DOSAGE

Dosage errors involving opium [letter] Souney PF, et al. **JAMA** 1984 Dec 21;252(23):3251-2

PHARMACODYNAMICS

Plasma total prekallikrein/kallikrein activity in rheumatoid arthritis with and without amyloidosis. Increased kaolin-stimulated activity in patients with amyloidosis. Teppo AM, et al. **Acta Med Scand** 1985;217(4):397-402

Kinetic studies on surface-mediated activation of bovine factor XII and prekallikrein. Effects of kaolin and high-Mr kininogen on the activation reactions. Sugo T, et al. **Eur J Biochem** 1985 Jan 2;146(1):43-50

Activation of factor XII and prekallikrein with polysaccharide sulfates and sulfatides: comparison with kaolin-mediated activation. Shimada T, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):429-39

THERAPEUTIC USE

Kaolin as treatment for diarrhoea [letter] Murdoch DB. **Vet Rec** 1985 Mar 2;116(9):247-8

KAPOSI'S DISEASE see **XERODERMA PIGMENTOSUM**

KAPOSI'S SARCOMA see **SARCOMA, KAPOSI'S**

KAPOSI'S VARICELLIFORM ERUPTION

[Clinical and virological studies of eczema herpeticum] Wutzler P, et al. **Dermatol Monatsschr** 1985;171(4):222-9 (Eng. Abstr.) **(Ger)**

KARAYA GUM see under **POLYSACCHARIDES**

KARTAGENER TRIAD

COMPLICATIONS

Kartagener's syndrome. Bhugra D. **Br J Clin Pract** 1985 Jan;39(1):38-9

DIAGNOSIS

[Pregnancy in a patient with immotile cilia syndrome (Kartagener syndrome)] Amsler P, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):183-5 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Transposed ciliary microtubules in Kartagener's syndrome. A case report with electron microscopy of bronchial and nasal brushings. Moreau MF, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):248-53

KARYOKINESIS see **MITOSIS**

KARYOMETRY

Explorative studies on karyometric frequency distributions. I. Quantitative description and comparison of curves with 2 maxima. Haubitz I, et al. **Anat Anz** 1985;158(2):113-6

Binucleate cells and liver karyometry. Hildebrand R, et al. **Anat Anz** 1985;158(5):405-11

[Karyometric studies of meningiomas] Martin H, et al. **Zentralbl Neurochir** 1984;45(4):289-98 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

[Automatic television analyzer of micro-objects for morphometric research on blood cells] Ogandzhanian EE, et al. **Tsitologiia** 1985 Mar;27(3):356-9 (Eng. Abstr.) **(Rus)**

METHODS

Karyometry by automated image analysis. Application to precancerous lesions. Rigaut JP, et al. **Pathol Res Pract** 1984 Nov;179(2):216-9

KARYOTYPING

Modification of the technique of chromosome studies in mammalian oocytes. Bogajewska G, et al. **Acta Anthropogenet** 1983;7(4):319-29

Are the occasional aneuploid cells in peripheral blood cultures significant? Wenger SL, et al. **Am J Med Genet** 1984 Dec;19(4):715-9

Chromosomal analysis and health status of children conceived to men during or following dibromochloropropane-induced spermatogenic suppression. Potashnik G, et al. **Andrologia** 1985 May-Jun;17(3):291-6

Human chromosome analysis by flow cytometry. Young BD. **Ann NY Acad Sci** 1985;450:11-23

Karyotypic and clinical findings in a consecutive series of children with acute lymphocytic leukemia. Heerema NA, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):165-79

HLA typing and karyotyping of limited numbers of lymphocytes is facilitated by in vitro expansion with TCGF. Blank JL, et al. **Diagn Immunol** 1985;3(1):29-32

Chorionic villus sampling [letter] **Lancet** 1985 Jun 1;1(8440):1269-70

Comparison of directly prepared and cultured cells in karyotypic analysis of all. Heerema NA, et al. **Stain Technol** 1984 Sep;59(5):251-8

[Comparison of hormonal levels of LH and FSH with cytogenetic findings in patients with gonadal dysgenesis] Santavý J, et al. **Bratisl Lek Listy** 1985 May;83(5):485-92 (Eng. Abstr.) **(Cze)**

[Determination of fetal karyotype in the first trimester of pregnancy by direct examination of chorionic villi] Flori E, et al. **J Genet Hum** 1985 Jun;33(2):167-9 (Eng. Abstr.) **(Fre)**

[Sampling, culturing and karyotyping of chorionic villi] Rouquet Y, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):403-7 (Eng. Abstr.) **(Fre)**

[Fetal karyotyping of fetal blood obtained from the umbilical vein using ultrasound] Taillemite JL, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):315-9 (Eng. Abstr.) **(Fre)**

[Systematic karyotyping of couples in early spontaneous abortion: a reliable examination in the prevention of chromosome anomalies] Salesses A. **Prog Clin Biol Res** 1985;163C:25-9 **(Fre)**

[Indications for chromosome analysis] Pfeiffer RA. **Fortschr Med** 1985 Jan 17;103(3):33-6 (Eng. Abstr.) **(Ger)**

[Gynecologic and cytogenetic aspects of prenatal diagnosis in the 1st trimester of pregnancy] Klink F, et al. **Geburtshilfe Frauenheilkd** 1985 Feb;45(2):73-8 (Eng. Abstr.) **(Ger)**

[The karyotype of lymphocytes in the peripheral circulation and of bone marrow cells in 80-year-old and older persons] Izakovič V, et al. **Vnitr Lek** 1984 Oct;30(10):974-83 (Eng. Abstr.) **(Slo)**

METHODS

Chromosomal analysis of bladder cancer: technical aspects. Smeets W, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):259-68

Semiautomated chromosome analysis. A clinical test. Philip J, et al. **Clin Genet** 1985 Feb;27(2):140-6

Flow karyology of serially cultured Chinese hamster cell lineages. Bartholdi MF, et al. **Cytometry** 1984 Sep;5(5):534-8

Preparation and bivariate analysis of suspensions of human chromosomes. van den Engh GJ, et al. **Cytometry** 1985 Mar;6(2):92-100

[A reader of negatives adapted to cytogenetics] Gilliotte J. **Ann Genet (Paris)** 1984;27(4):259-61 (Eng. Abstr.) **(Fre)**

[Technique for the karyotype analysis] Yosida TH. **Gan To Kagaku Ryoho** 1985 May;12(5):1162-71 (Eng. Abstr.) **(Jpn)**

KASUGAMYCIN see under **ANTIBIOTICS**

KATZ ADJUSTMENT SCALES see under **PSYCHIATRIC STATUS RATING SCALES**

KAWASAKI DISEASE see **MUCOCUTANEOUS LYMPH NODE SYNDROME**

KB CELLS

DRUG EFFECTS

Toxicity of halomethanes to cultured human and monkey cells. Mochida K, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):253-6

Establishment of human KB cells resistant to 1-beta-D-arabinofuranosylcytosine, and mechanisms of cellular resistance in isolated clones. Tsuruo T, et al. **Gann** 1984 Aug;75(8):690-8

IMMUNOLOGY

KB cells for antinuclear antibody determination: comparison with HEp-2 cells and the Crithidia luciliae assay. Keil LB, et al. **Diagn Immunol** 1984;2(4):213-8

METABOLISM

Subcellular distribution of spin-labeled bithiazoles and bleomycin in living KB cells: an ESR study. Henichart JP, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):239-44

KEARNS SYNDROME see under **OPHTHALMOPLEGIA**

KELL BLOOD-GROUP SYSTEM see under **BLOOD GROUPS**

KELOID

COMPLICATIONS

Scleroderma presenting with multiple keloids. Akintewe TA, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):448-9

[Calcifications in a scar keloid] Reinartz H, et al. **Radiologe** 1985 Jun;25(6):275-6 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Effects of triamcinolone (acetyl triamcinolone) on keloidal scars] Modolin M, et al. **Rev Paul Med** 1984 Jul-Aug;102(4):163-5 (Eng. Abstr.) **(Por)**

[Triamcinolone acetonide in the treatment of hypertrophic and keloid scars] Iudenich VV, et al. **Sov Med** 1985;(2):26-9

(Eng. Abstr.) **(Rus)**

ETIOLOGY

Embedded foreign bodies presenting as earlobe keloids. Saleeby ER, et al. **J Dermatol Surg Oncol** 1984 Nov; 10(11):902-4

[Hypertrophic scar and keloid. I. Etiology, pathogenesis, pathology] Salamon A. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):262-7 (Eng. Abstr.) **(Hun)**

METABOLISM

Retinoid modulation of connective tissue metabolism in keloid fibroblast cultures. Abergel RP, et al. **Arch Dermatol** 1985 May;121(5):632-5

Biochemical composition of the connective tissue in keloids and analysis of collagen metabolism in keloid fibroblast cultures. Abergel RP, et al. **J Invest Dermatol** 1985 May; 84(5):384-90

Altered steady-state ratio of type I/III procollagen mRNAs correlates with selectively increased type I procollagen biosynthesis in cultured keloid fibroblasts. Uitto J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5935-9

Wave-length dispersive microprobe analysis of coated samples of bulk tissues. Kischer CW, et al. **Scan Electron Microsc** 1985;(Pt 1):269-78

On the [4-14C]progesterone metabolism of keloid and hypertrophic scar. A preliminary report. Pesonen S, et al. **Scand J Plast Reconstr Surg** 1976;10(3):173-6

OCCURRENCE

[Between Yucatan, Florida and French Guiana does lobomycosis exist in the Antilles?] Pradinaud R. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):392-400 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Nodular (keloidal) scleroderma. James WD, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1111-4

The use of athymic nude mice for the study of human keloids. Shetlar MR, et al. **Proc Soc Exp Biol Med** 1985 Sep; 179(4):549-52

[Hypertrophic scar and keloid. II. Light and electron microscopy studies] Salamon A, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):268-74 (Eng. Abstr.) **(Hun)**

[Scanning electron microscopic observations and analysis of growth kinetics of the fibroblasts in vitro—comparison between normal skin and abnormal scars] Oku T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):657-64 **(Jpn)**

PREVENTION & CONTROL

Prosthetic treatment of earlobe keloids. Sela M, et al. **J Prosthet Dent** 1984 Sep;52(3):417-8

RADIOTHERAPY

[Grenz rays in the treatment of hypertrophic scars] Romanenko VN, et al. **Vestn Dermatol Venerol** 1984 Sep; (9):42-6 (Eng. Abstr.) **(Rus)**

SURGERY

Plastic and reconstructive surgery. Scars, hypertrophic scars, and keloids. Davies DM. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1056-8

Laser treatment of keloids: a clinical trial and an in vitro study with Nd:YAG laser. Abergel RP, et al. **Lasers Surg Med** 1984;4(3):291-5

Preliminary results of argon and carbon dioxide laser treatment of keloid scars. Apfelberg DB, et al. **Lasers Surg Med** 1984;4(3):283-90

[Flattening of hypertrophic scars by punctiform argon ion laser coagulation in several sessions] Lenz H. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):287-9 (Eng. Abstr.) **(Ger)**

[Cryodestruction of keloids] Potocka E, et al. **Rozhl Chir** 1985 Feb;64(2):119-22 (Eng. Abstr.) **(Slo)**

THERAPY

Treatment of keloid scars. Pakhomov SP, et al. **Acta Chir Plast (Prague)** 1985;27(1):52-61

[Physiotherapy in the complex treatment of post-burn keloid scars] Kamrash LN, et al. **Ortop Travmatol Protez** 1985 Jan;(1):48-9 **(Rus)**

[Combination treatment of keloid scars of the skin] Shafranov VV, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):47-9 (Eng. Abstr.) **(Rus)**

KEMEROVO GROUP VIRUSES see under **REOVIRIDAE**

KEPONE see under **INSECTICIDES, ORGANOCHLORINE**

KERATAN SULFATE see under **MUCOPOLYSACCHARIDES**

KERATIN

Effect of a new retinoid, arotinoid (Ro 13-6298), on in vitro keratinocyte proliferation and differentiation. Stadler R, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):405-11

On science, scaling, and support [editorial] Freedberg IM. **Arch Dermatol** 1985 Apr;121(4):465-7

The coiled-coil molecules of intermediate filaments consist of two parallel chains in exact axial register. Parry DA, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):1012-8

Malignant transformation of a cloned, nontumorigenic mouse epidermal keratinocyte cell line, MSK-C3H-NU, by 7,12-dimethylbenz(a)anthracene. Indo K, et al. **Cancer Res** 1985 Feb;45(2):774-82

Polyarthritis with atypical keratotic nodular dermatosis or polyarthritis with multiple keratoacanthoma. A case report. Mittal R, et al. **Dermatologica** 1984;169(4):199-202

Changes in fibronectin synthesis and binding distribution in SV40-transformed human keratinocytes. Edelman B, et al. **Int J Cancer** 1985 Feb 15;35(2):219-25

Reconstitution of cytokeratin filaments in vitro: further evidence for the role of nonhelical peptides in filament assembly. Sauk JJ, et al. **J Cell Biol** 1984 Nov;99(5):1590-7

Calcium-induced reorganization of desmosomal components in cultured human keratinocytes. Watt FM, et al. **J Cell Biol** 1984 Dec;99(6):2211-5

Identification of two types of keratin polypeptides within the acidic cytokeratin subfamily I. Jorcano JL, et al. **J Mol Biol** 1984 Oct 25;179(2):257-81

Heterotypic tetramer (A2D2) complexes of non-epidermal keratins isolated from cytoskeletons of rat hepatocytes and hepatoma cells. Quinlan RA, et al. **J Mol Biol** 1984 Sep 15;178(2):365-88

The ultrastructural labelling of keratin proteins in normal human colonic mucosa by a low temperature embedding, protein A-gold technique. Warhol MJ, et al. **J Submicrosc Cytol** 1985 Jul;17(3):357-61

[Keratin fibers in the stratum corneum—the morphological and biochemical changes of keratin fibers in case of no formation of the stratum granulosum] Tezuka T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):649-54 **(Jpn)**

ANALYSIS

Immunohistochemical staining characteristics of epidermal appendages (hair follicles and eccrine sweat glands) to anti-epidermal keratin antisera. Hosokawa M, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):466-72

Basement membrane components and keratin in the dominantly inherited form of cylindroma. Oikarinen A, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):121-5

Merkel cells express desmosomal proteins and cytokeratins. Ortonne JP, et al. **Acta Derm Venereol (Stockh)** 1985; 65(2):161-4

Ultrastructural study of the keratinization process in different clinical types of oral leukoplakia. Rodriguez I, et al. **Acta Morphol Hung** 1984;32(3-4):175-80

A comparative study on the immunolocalization of keratin and myosin in salivary gland tumors. Saku T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1031-40

Human heart muscle contains keratin-like material in intercalated discs. Huitfeldt H, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov; 92(6):481-2

Filaggrin, the matrix protein of keratin. Dale BA. **Am J Dermatopathol** 1985 Feb;7(1):65-8

New immunocytochemical observations with diagnostic significance in cutaneous neuroendocrine carcinoma. Hoefler H, et al. **Am J Dermatopathol** 1984 Dec;6(6):525-30

Squamous and transitional elements in rat bladder carcinomas induced by N-butyl-N-4-hydroxybutyl-nitrosamine (BBN). A study of cytokeratin expression. Herman CJ, et al. **Am J Pathol** 1985 Sep;120(3):419-26

Bronchial lavage proteins as correlates of histopathologic airway changes in healthy smokers and patients with pulmonary carcinoma. Merrill WW, et al. **Am Rev Respir Dis** 1984 Nov;130(5):905-9

Composite keratohyaline granules in palmoplantar keratoderma: an ultrastructural study. Laurent R, et al. **Arch Dermatol Res** 1985;277(5):384-94

Differences of expression of cytokeratin polypeptides in various epithelial skin tumors. Moll R, et al. **Arch Dermatol Res** 1984;276(6):349-63

Immunohistochemical and ultrastructural demonstration of keratin in epi-myoepithelial islands of autoimmune sialadenitis in man. Saku T, et al. **Arch Oral Biol** 1984; 29(9):687-9

Fibrous bodies in growth hormone-secreting adenomas contain cytokeratin filaments. Neumann PE, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):505-8

Immunohistochemical studies of keratin in human bronchus and lung tumors. Wilson TS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):621-8

Monoclonal antibody studies of alpha-keratin low-sulfur proteins. Hewish DR, et al. **Aust J Biol Sci** 1984; 37(1-2):17-23

Paget cells express cytokeratins typical of glandular epithelia. Kariniemi AL, et al. **Br J Dermatol** 1985 Feb;112(2):179-83

Heterogeneity of keratin expression in mouse mammary hyperplastic alveolar nodules and adenocarcinomas. Asch HL, et al. **Cancer Res** 1985 Jun;45(6):2760-8

Reexpression of fetal characters in simian virus 40-transformed human keratinocytes. Bernard BA, et al. **Cancer Res** 1985 Apr;45(4):1707-16

Keratin expression in normal esophageal epithelium and squamous cell carcinoma of the esophagus. Grace MP, et al. **Cancer Res** 1985 Feb;45(2):841-6

Simple epithelial nature of some simian virus-40-transformed human epidermal keratinocytes. Hronis TS, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5797-804

Characterization of monoclonal antibodies to novikoff hepatoma cytokeratin antigen p39. Schmidt WN, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5867-79

Immunohistochemical study of keratin in proliferative bladder epithelium induced by freezing, cyclophosphamide or N-[4-(5-nitro-2-furyl)-2-thiazolyl]formamide in the rat. Hasegawa R, et al. **Carcinogenesis** 1985 Mar;6(3):409-14

Cell specificity of rat cytokeratin p39 during azo dye-induced hepatocarcinogenesis. Schmidt WN, et al. **Carcinogenesis** 1985 Aug;6(8):1147-53

The use of aIF, AE1, and AE3 monoclonal antibodies for the identification and classification of mammalian epithelial keratins. Cooper D, et al. **Differentiation** 1984;28(1):30-5

Distribution of vimentin, cytokeratins, and desmosomal-plaque proteins in human nephroblastoma as revealed by specific antibodies: co-existence of cell groups of different degrees of epithelial differentiation. Denk H, et al. **Differentiation** 1985;29(1):88-97

Identification of Merkel cells in human skin by specific cytokeratin antibodies: changes of cell density and distribution in fetal and adult plantar epidermis. Moll R, et al. **Differentiation** 1984;28(2):136-54

Tissue polypeptide antigen (TPA) is related to the non-epidermal keratins 8, 18 and 19 typical of simple and non-squamous epithelia: re-evaluation of a human tumor marker. Weber K, et al. **EMBO J** 1984 Nov;3(11):2707-14

Identification and analysis of keratin polypeptides from isolated rat vaginal epithelium. Kronenberg MS, et al. **Endocrinology** 1985 Oct;117(4):1469-79

A monoclonal antibody recognizing cytoskeletal keratins of stratified epithelia and bladder carcinomas. Settle SA, et al. **Exp Cell Res** 1985 Apr;157(2):293-306

Localization of keratin in the cells of the cornea in aphakia and normal mouse embryos. Zwaan J, et al. **Exp Eye Res** 1985 Jan;40(1):127-33

Tissue-specific markers in flow cytometry of urological cancers: cytokeratins in bladder carcinoma. Feitz WF, et al. **Int J Cancer** 1985 Sep 15;36(3):349-56

Amino acid sequences of mouse and human epidermal type II keratins of Mr 67,000 provide a systematic basis for the structural and functional diversity of the end domains of keratin intermediate filament subunits. Steinert PM, et al. **J Biol Chem** 1985 Jun 10;260(11):7142-9

Expression of specific keratin markers by rabbit corneal, conjunctival, and esophageal epithelia during vitamin A deficiency. Tseng SC, et al. **J Cell Biol** 1984 Dec; 99(6):2279-86

Heterogeneity of epidermal prekeratin and keratin between sole and body skin in humans. Kitajima Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):211-8

Intermediate filaments in the Xenopus oocyte: the appearance and distribution of cytokeratin-containing filaments. Godsave SF, et al. **J Embryol Exp Morphol** 1984 Oct; 83:157-67

Cytokeratin polypeptide patterns of different epithelia of the human male urogenital tract: immunofluorescence and gel electrophoretic studies. Achtstätter T, et al. **J Histochem Cytochem** 1985 May;33(5):415-26

Heterogeneity of thymic epithelial cell (TEC) keratins—immunohistochemical and biochemical evidence for a subset of highly differentiated TEC in the mouse. Nicolas JF, et al. **J Histochem Cytochem** 1985 Jul; 33(7):687-94

Optimal immunoreactivity of keratin proteins in formalin-fixed, paraffin-embedded tissue requires preliminary trypsinization. An immunoperoxidase study of various tumours using polyclonal and monoclonal antibodies. Pinkus GS, et al. **J Histochem Cytochem** 1985 May;33(5):465-73

Cells of extramammary Paget's disease express cytokeratins different from those of epidermal cells. Moll I, et al. **J Invest Dermatol** 1985 Jan;84(1):3-8

Cytokeratin typing of cutaneous tumors: a new immunochemical probe for cellular differentiation and malignant transformation [editorial] Murphy GF. **J Invest Dermatol** 1985 Jan;84(1):1-2

Ichthyosis vulgaris: identification of a defect in synthesis of filaggrin correlated with an absence of keratohyaline granules. Sybert VP, et al. **J Invest Dermatol** 1985 Mar; 84(3):191-4

Identification of basement membrane components and intermediate filaments in calcifying epithelial odontogenic tumors. Sauk JJ, et al. **J Oral Pathol** 1985 Feb;14(2):133-40

Nasopharyngeal carcinoma: immunohistochemical study for keratin, secretory component and leukocyte common antigen. Nomori H, et al. **Jpn J Clin Oncol** 1985 Mar; 15(1):95-105

Small cell lung cancers contain intermediate filaments of the cytokeratin type. Broers J, et al. **Lab Invest** 1985 Jan; 52(1):113-5

Varying expression of cytokeratin and neurofilaments in neuroendocrine tumors of human gastrointestinal tract. Miettinen M, et al. **Lab Invest** 1985 Apr;52(4):429-36

Cytokeratin expression during neoplastic progression of human transitional cell carcinomas as detected by a monoclonal and a polyclonal antibody. Ramaekers F, et al. **Lab Invest** 1985 Jan;52(1):31-8

Cytokeratins in the gingival epithelium of clinically healthy and periodontally diseased subjects. Syrjänen S, et al. **Proc Finn Dent Soc** 1984;80(3):115-20

An immunohistochemical study of keratin, carcinoembryonic antigen, human chorionic gonadotropin and alpha-fetoprotein in lung cancer. Kimura N, et al. **Tohoku J Exp Med** 1985 Jan;145(1):23-38

[Changes in the keratin pattern in psoriasis vulgaris] Wiedemann E, et al. **Dermatol Monatsschr** 1984; 170(8):514-22 (Eng. Abstr.) **(Ger)**

[Immuno-cytochemical and -histochemical localization of human keratin proteins in various kinds of cancerous lesion] Yagi Y, et al. **Gan No Rinsho** 1984 Sep;30(11):1392-7 (Eng. Abstr.) **(Jpn)**

[An immunohistochemical study on the normal human skin using an anti-hair keratin monoclonal antibody (HKN-2)] Tazawa T. **Nippon Hifuka Gakkai Zasshi** 1985 Feb; 95(2):157-65 **(Jpn)**

[Immunohistochemical localization of keratin and secretory component in carcinoma of the uterine cervix] Toki T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):359-64 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Antibodies to orthokeratotic keratinocytes in monitoring the drug-induced inhibition of parakeratotic differentiation in adult and infant mice. Wrench R, et al. **Arch Dermatol Res** 1985;277(3):201-8

Differential post-translational modification of human type I keratins synthesized in a rabbit reticulocyte cell-free system. Gibbs PE, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):247-55

Differential cytokeratin and alpha-fetoprotein expression in morphologically distinct epithelial cells emerging at the early stage of rat hepatocarcinogenesis. Germain L, et al. **Cancer Res** 1985 Feb;45(2):673-81

Cytokeratin filament expression during in vitro teratocarcinoma cell differentiation as detected by a monoclonal antibody. Ramaekers F, et al. **Cell Biol Int Rep** 1984 Sep;8(9):721-30

Co-expression of specific acid and basic cytokeratins in teratocarcinoma-derived fibroblasts treated with 5-azacytidine. Darmon M. **Dev Biol** 1985 Jul;110(1):47-52

Altered keratin biosynthesis follows inhibition of scale morphogenesis by hydrocortisone. Fisher CJ, et al. **Dev Biol** 1984 Nov;106(1):45-52

Analysis of morphogenesis and keratinization in transfilter recombinants of feather-forming skin. König G, et al. **Dev Biol** 1985 Jun;109(2):381-92

Retinoids alter the direction of differentiation in primary cultures of cutaneous keratinocytes. Brown R, et al. **Differentiation** 1985;28(3):268-78

Etretinate therapy in children with severe keratinization defects. Traupe H, et al. **Eur J Pediatr** 1985 Jan; 143(3):166-9 (30 ref.)

Epidermal morphogenesis and induction of the 67 kD keratin polypeptide by culture of human keratinocytes at the liquid-air interface. Asselineau D, et al. **Exp Cell Res** 1985 Aug;159(2):536-9

Cell density and cell shape-related regulation of vimentin and cytokeratin synthesis. Inhibition of vimentin synthesis and appearance of a new 45 kD cytokeratin in dense epithelial cell cultures. Ben-Ze'ev A. **Exp Cell Res** 1985 Apr;157(2):520-32

Altered patterns of keratin synthesis in human epidermal keratinocytes transformed by SV40. Steinberg ML, et al. **J Cell Physiol** 1985 Apr;123(1):117-25

Immuno-ultrastructural localization of involucrin in squamous epithelium and cultured keratinocytes. Warhol MJ, et al. **J Histochem Cytochem** 1985 Feb;33(2):141-9

Glucocorticoid receptor in chick embryonic epidermis. Inhibition by progesterone of both the binding of glucocorticoid to the receptor and glucocorticoid-induced keratinization. Obinata A, et al. **J Invest Dermatol** 1984 Nov;83(5):363-9

GENETICS

Isolation and characterisation of keratin mRNA from the scale epidermis of the embryonic chick. Wilton SD, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):201-8

Remarkable conservation of structure among intermediate filament genes. Marchuk D, et al. **Cell** 1984 Dec;39(3 Pt 2):491-8

Amino acid sequence diversity between bovine epidermal cytokeratin polypeptides of the basic (type II) subfamily as determined from cDNA clones. Jorcano JL, et al. **Differentiation** 1984;28(2):155-63

Characterization of bovine keratin genes: similarities of exon patterns in genes coding for different keratins. Lehnert ME, et al. **EMBO J** 1984 Dec 20;3(13):3279-87

Changes in keratin expression during the estrogen-mediated differentiation of rat vaginal epithelium. Kronenberg MS, et al. **Endocrinology** 1985 Oct;117(4):1480-9

Sheep keratins: characterization of cDNA clones for the glycine + tyrosine-rich wool proteins using a synthetic probe. Kuczek E, et al. **Eur J Biochem** 1985 Jan 2; 146(1):89-93

Clonal variations in keratin. Intermediate filament expression by human somatic cell hybrids. Knapp LW, et al. **Exp Cell Res** 1985 Feb;156(2):359-66

Genetic differences between inbred strains of mice: a new source of variation in high-sulphur keratins. Barnett LK, et al. **Experientia** 1985 May 15;41(5):677-80

Organization of a type I keratin gene. Evidence for evolution of intermediate filaments from a common ancestral gene. Krieg TM, et al. **J Biol Chem** 1985 May 25;260(10):5867-70

Differential control of cytokeratins and vimentin synthesis by cell-cell contact and cell spreading in cultured epithelial cells. Ben-Ze'ev A. **J Cell Biol** 1984 Oct;99(4 Pt 1):1424-33

Structure of a gene for the human epidermal 67-kDa keratin. Johnson LD, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(7):1896-900

Epidermal keratin gene expressed in embryos of Xenopus laevis. Jonas E, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5413-7

Complete sequence of a gene encoding a human type I keratin: sequences homologous to enhancer elements in the regulatory region of the gene. Marchuk D, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1609-13

The complete cDNA and deduced amino acid sequence of a type II mouse epidermal keratin of 60,000 Da: analysis of sequence differences between type I and type II keratins. Steinert PM, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5709-13

The sequence of a type II keratin gene expressed in human skin: conservation of structure among all intermediate filament genes. Tyner AL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4683-7

One gene and one pseudogene for the cytokeratin endo A. Vasseur M, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):1155-9

IMMUNOLOGY

Evaluation of cutaneous amyloid employing anti-keratin antibodies and the immunoperoxidase technique (PAP method). Ishii M, et al. **Acta Derm Venereol (Stockh)** 1984; 64(4):281-5

A monoclonal antibody labelling the keratinocyte membrane: a marker of epidermal differentiation. Viac J, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):1-8

Staining patterns of oral lesions of discoid lupus erythematosus by monoclonal anti-keratin antibodies. Reibel J, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Jul; 93(4):159-64

Immunohistochemical study of nasopharyngeal carcinoma using monoclonal keratin antibodies. Shi SR, et al. **Am J Pathol** 1984 Oct;117(1):53-63

Antikeratin antibodies in serum and synovial fluid show specificity for rheumatoid arthritis in a study of connective tissue diseases. Youinou P, et al. **Ann Rheum** Dis 1985 Jul; 44(7):450-4

Monoclonal antibody-defined circulating human tumor-associated antigen with epitope shared by cytokeratins. Hollmann M, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):34-9

Loop arrays in mouse brain demonstrated with antisera to cytokeratins and monoclonal antibodies to several classes of intermediate filaments: strain differences and developmental expression. Masters CL, et al. **Brain Res** 1985 May 20;334(2):267-79

Keratin immunoreactivity in the benign and neoplastic human prostate. Brawer MK, et al. **Cancer Res** 1985 Aug; 45(8):3663-7

A monoclonal antibody recognizing a keratin filament protein in a subset of transitional and glandular epithelia. Nadakavukaren KK, et al. **Differentiation** 1984; 27(3):209-20

Monoclonal anti-cytokeratin antibody from a hybridoma clone generated by electrofusion. Karsten U, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):733-40

Monoclonal antibody to intermediate filaments of cytokeratin type I. Drug studies and reactivity with cultured cells and tissue sections. Bartek J, et al. **Folia Biol (Praha)** 1985; 31(1):1-8

Patterns of expression of keratin 19 as detected with monoclonal antibodies in human breast tissues and tumours. Bartek J, et al. **Int J Cancer** 1985 Sep 15;36(3):299-306

Characterization of a monoclonal antibody (SBU-1) made to the thymic rudiment of sheep. White TR, et al. **J Histochem Cytochem** 1985 Aug;33(8):785-90

Demonstration of anti-keratin antibodies by ELISA using keratin or thiol-containing compounds in urea as antigens. Gripenberg M, et al. **J Immunol Methods** 1984 Dec 14; 75(1):65-72

A comparative study of the immunologic properties of hoof and nail fibrous proteins. Baden HP, et al. **J Invest Dermatol** 1984 Nov;83(5):327-31

Monoclonal antikeratin antibody: production, characterization, and immunohistochemical application. Eto H, et al. **J Invest Dermatol** 1985 May;84(5):404-9

Keratin intermediate filaments bear antigenic determinants for stratum corneum antibodies. Hintner H, et al. **J Invest Dermatol** 1984 May;82(5):491-5

Immunoelectron microscopic identification of upper cytoplasmic antigens on keratin intermediate filaments [letter] Thivolet J. **J Invest Dermatol** 1985 Jun;84(6):542-3

Keratin antibody localization in head and neck tissues and neoplasms. Shi SR, et al. **J Laryngol Otol** 1984 Dec; 98(12):1241-50

Significance of antikeratin antibodies in rheumatoid arthritis. Hajiroussou VJ, et al. **J Rheumatol** 1985 Feb;12(1):57-9

Diagnostic value of antikeratin antibodies in rheumatoid arthritis. Ordeig J, et al. **J Rheumatol** 1984 Oct;11(5):602-4

Classification of human epithelia and their neoplasms using monoclonal antibodies to keratins: strategies, applications, and limitations. Cooper D, et al. **Lab Invest** 1985 Mar; 52(3):243-56 (152 ref.)

Monoclonal anti cytokeratin antibodies reveal bile duct origin of cirrhotic ductular proliferations (dp). Stosiek P, et al. **Virchows Arch** [A] 1985;407(2):233-5

ISOLATION & PURIFICATION

The number of polypeptide chains in the rod domain of bovine epidermal keratin. Woods EF. **Biochem Int** 1983 Dec;7(6):769-74

METABOLISM

Keratinolytic activity and its use in the identification of dermatophytes. Buchta V, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:53-61

Histogenesis of glomerular crescents. Immunohistochemical demonstration of cytokeratin in crescent cells. Magil AB. **Am J Pathol** 1985 Aug;120(2):222-9

Purification and characterization of keratin hydrolase in psoriatic epidermis: application of keratin-agarose plate and keratin-polyacrylamide enzymography methods. Hibino T. **Anal Biochem** 1985 Jun;147(2):342-52

Differentiation of cultured epidermal keratinocytes related to sterol metabolism and its retardation by chemical carcinogens. Okamoto T, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):143-51

Non-enzymatic glycosylation of keratin from the stratum corneum of the diabetic foot. Delbridge L, et al. **Br J Dermatol** 1985 May;112(5):547-54

Enzymatic cross-linking of involucrin and other proteins by keratinocyte particulates in vitro. Simon M, et al. **Cell** 1985 Mar;40(3):677-83

Keratinocyte-specific transglutaminase of cultured human epidermal cells: relation to cross-linked envelope formation and terminal differentiation. Thacher SM, et al. **Cell** 1985 Mar;40(3):685-95

Localization of the centriole and keratin intermediate filaments in PtK1 cells by double immunofluorescence. Eckert BS, et al. **Cell Motil** 1984;4(4):241-7

Flow cytometric analysis and sorting of human endometrial cells after immunocytochemical labeling for cytokeratin using a monoclonal antibody. Oud PS, et al. **Cytometry** 1985 Mar;6(2):159-64

2 Cases of hereditary palmoplantar keratoderma. An abnormality of keratohyalin granules and keratin fibril formation. Tezuka T. **Dermatologica** 1984;169(3):138-45

Expression of keratins and other cytoskeletal proteins in mouse mammary epithelium during the normal developmental cycle and primary culture. Asch HL, et al. **Dev Biol** 1985 Feb;107(2):470-82

Avian feather development: relationships between morphogenesis and keratinization. Haake AR, et al. **Dev Biol** 1984 Dec;106(2):406-13

Immunofluorescent localisation of cytokeratin antigens in mitotic HeLa cells using monoclonal antibodies. Turner BM, et al. **Eur J Cell Biol** 1985 Jan;36(1):48-57

Reorganization of plasma membrane-associated 36 000 dalton protein upon drug-induced redistribution of cytokeratin. Keski-Oja J, et al. **Exp Cell Res** 1985 May;158(1):86-94

Intermediates in the conversion of prekeratin into keratin molecules in human epidermis. Katagata Y, et al. **FEBS Lett** 1984 Dec 3;178(1):92-6

Application of an in vitro keratinization assay to extracts of soot from a fire in a polychlorinated biphenyl-containing transformer. Gierthy JF, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1036-41

A comparative study of myosins and prekeratin in epithelial cells of methacarn-fixed tissues. Puchtler H, et al. **Histochemistry** 1985;82(5):403-9

A dual expression of cytokeratin and neurofilaments in bronchial carcinoid cells. Lehto VP, et al. **Int J Cancer** 1985 Apr 15;35(4):421-5

Keratin, keratinization, and biochemical aspects of dyskeratosis. Ogawa H, et al. **Int J Dermatol** 1984 Oct; 23(8):507-13 (46 ref.)

Treatment of the odontogenic keratocyst by combined enucleation and cryosurgery. Webb DJ, et al. **Int J Oral Surg** 1984 Dec;13(6):506-10

Expression of unusually large keratins during terminal differentiation: balance of type I and type II keratins is not disrupted. Kim KH, et al. **J Cell Biol** 1984 Nov; 99(5):1872-7

Intermediate filament cytoskeleton of amnion epithelium and cultured amnion epithelial cells: expression of epidermal cytokeratins in cells of a simple epithelium. Regauer S, et al. **J Cell Biol** 1985 Apr;100(4):997-1009

Proliferating trichilemmal cyst: an ultrastructural study. Miyairi H, et al. **J Cutan Pathol** 1984 Aug;11(4):274-81

Initial stage of processing from prekeratin into keratin molecules in human epidermis in vitro. Katagata Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):263-8

Epidermal growth factor stimulates tyrosine phosphorylation of pig epidermal fibrous keratin. Aoyagi T, et al. **J Invest Dermatol** 1985 Feb;84(2):118-21

Ultraviolet radiation induces changes in membrane metabolism of human keratinocytes in culture. De Leo VA, et al. **J Invest Dermatol** 1984 Nov;83(5):323-6

Immunologic properties of enzymatically degraded human keratin intermediate filaments. Hintner H, et al. **J Invest Dermatol** 1985 Feb;84(2):108-13

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces hyperplasia in confluent cultures of human keratinocytes. Milstone LM, et al. **J Invest Dermatol** 1984 May;82(5):532-4

Defective low-density lipoprotein metabolism in cultured, normal, transformed, and malignant keratinocytes. Ponec M, et al. **J Invest Dermatol** 1984 Dec;83(6):436-40

Antirespiratory and antiproliferative activity of anthralin in cultured human keratinocytes. Reichert U, et al. **J Invest Dermatol** 1985 Feb;84(2):130-4

The intermediate filament proteins of rabbit normal epidermal Merkel cells are cytokeratins. Saurat JH, et al. **J Invest Dermatol** 1984 Dec;83(6):431-5

Human keratinocyte adhesion and phagocytosis promoted by fibronectin. Takashima A, et al. **J Invest Dermatol** 1984 Nov;83(5):352-8

Fucosyl glycopeptide profiles of keratinocytes from various epithelial tissues of the rabbit in relation to differentiation in vivo and in vitro. van Erp PE, et al. **J Invest Dermatol** 1984 Nov;83(5):359-62

Ultrastructural localization of keratin proteins in human skin using low-temperature embedding and the protein A-gold technique. Warhol MJ, et al. **J Invest Dermatol** 1985 Jan;84(1):69-72

Differentiation and shedding of surface macromolecules of human keratinocytes. Zhu XJ, et al. **J Invest Dermatol** 1984 Nov;83(5):340-3

Monoclonal antibodies specific for subsets of epidermal keratins: biochemical and immunocytochemical characterization--applications in pathology and cell culture. Knight J, et al. **J Pathol** 1985 Apr;145(4):341-54

Dextran-induced inflammation and its effect on keratinized gingival epithelium in monkeys. Nasjleti CE, et al. **J Periodontol** 1984 Sep;55(9):531-5

Antiproliferative effects of recombinant alpha- and gamma-interferons on cultured human keratinocytes. Nickoloff BJ, et al. **Lab Invest** 1984 Dec;51(6):697-701

Immunofluorescent studies of human cervical epithelia in vivo and in vitro using antibodies against specific keratin components. Dixon IS, et al. **Mol Biol Med** 1984 Feb;2(1):37-51

Distribution of keratin proteins in neoplastic and tumorlike lesions of squamous epithelium. An immunohistochemical study. Mori M, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):63-9

Keratins in malignant mesotheliomas and pleural adenocarcinomas: comparative immunohistochemical analysis with polyclonal and monoclonal antibodies. Bejui-Thivolet F, et al. **Pathol Res Pract** 1984 Sep;179(1):67-73

Cyclohexanone extraction: an improvement in the thiobarbituric acid method for the determination of nonenzymatic glycosylation of hair and epidermal keratin. Thomas DP, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):457-61

Peritoneal keratin globules in uterine adenosquamous carcinoma. Williams WD, et al. **South Med J** 1984 Oct;77(10):1316-8

Intermediate filaments of human trophoblast and choriocarcinoma cell lines. Clark RK, et al. **Virchows Arch [A]** 1985;407(2):203-8

Immunohistochemical demonstration of cytokeratins in endocrine cells of the human pituitary gland and in pituitary adenomas. Höfler H, et al. **Virchows Arch [A]** 1984;404(4):359-68

Acceleration of epithelial keratinization by carcinogens in fetal rat forestomach in organ culture. Fukamachi H. **Virchows Arch [Cell Pathol]** 1984;46(3):205-13

Keratin distribution in precancerous stages of experimental carcinogenesis in mouse submandibular glands. Takai Y, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):183-7

[Immunohistologic detection of keratin in epithelial cells of the skin and thymus] Havlíček F, et al. **Cas Lek Cesk** 1985 Mar 22;124(12):376-8 (Eng. Abstr.) **(Cze)**

[Keratinized odontogenic cysts. Comments on 4 cases] Lavorgna G, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):755-63 (Eng. Abstr.) **(Ita)**

[Rate of decomposition of keratinous material used by various organisms] Göktan D. **Mikrobiyol Bul** 1984 Jul;18(3):137-44 (Eng. Abstr.) **(Tur)**

PHYSIOLOGY

Lymphocyte-keratinocyte interactions mediated through interferon. New observations relevant to psoriasis. Nickoloff BJ. **Cutis** 1984 Nov;34(5):445-6

Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted Escherichia coli endotoxin. Schultze WD, et al. **J Dairy Res** 1985 Aug;52(3):361-8

Fibronectin, as well as other extracellular matrix proteins, mediate human keratinocyte adherence. Clark RA, et al. **J Invest Dermatol** 1985 May;84(5):378-83

Morphological variations in keratinising epithelia in the beagle. Lansdown AB. **Vet Rec** 1985 Feb 2;116(5):127-30

KERATITIS

Thygeson's superficial punctate keratitis. van Bijsterveld OP, et al. **Ann Ophthalmol** 1985 Feb;17(2):150-3

CHEMICALLY INDUCED

Tetracaine toxicity. Duffin RM, et al. **Ann Ophthalmol** 1984 Sep;16(9):836, 838

[Light, scanning and transmission electron microscopy study of a spitting cobra injury] Grüntzig J, et al. **Fortschr Ophthalmol** 1984;81(3):231-3 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Stromal keratitis complicating anterior membrane dystrophy. Shoch DE, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):199-201

Cogan's syndrome: acute vestibular and auditory dysfunction with interstitial keratitis. Morgan GJ Jr, et al. **Am J Otolaryngol** 1984 Jul-Aug;5(4):258-61

Keratitis, ichthyosis, and deafness syndrome with glycogen storage. Jurecka W, et al. **Arch Dermatol** 1985 Jun;121(6):799-801

Hurricane keratitis in penetrating keratoplasty [letter] Blanchard DL. **Cornea** 1984;3(1):75-6

KID syndrome (keratitis, ichthyosis, and deafness) and chronic mucocutaneous candidiasis: case report and review of the literature. Harms M, et al. **Pediatr Dermatol** 1984 Jul;2(1):1-7 (29 ref.)

[Long-term follow-up of Cogan's syndrome. Vestibuloauditory symptoms and steroid therapy] Saito R, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec;87(12):1672-7 (Eng. Abstr.) **(Jpn)**

[Treatment of corneal ulcers caused by Fusarium infection] Travkin AG, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):52-3 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Melting corneas with collapsing nose. Michelson JB. **Surv Ophthalmol** 1984 Sep-Oct;29(2):148-54

[Severe eye lesions in a hyperendemic onchocerciasis area of the Savanna (Upper Volta)] Grüntzig J, et al. **Fortschr Ophthalmol** 1984;81(4):391-4 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Treatment of Nocardia keratitis with topical trimethoprim-sulfamethoxazole. Donnenfeld ED, et al. **Am J Ophthalmol** 1985 May 15;99(5):601-2

Treatment of Aspergillus fumigatus keratitis in rabbits with oral and topical ketoconazole [letter] Ishibashi Y. **Am J Ophthalmol** 1985 Aug 15;100(2):356

Treatment of Aspergillus fumigatus keratitis in rabbits with oral and topical ketoconazole. Komadina TG, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):476-9

Successful treatment of fungal keratitis caused by Paecilomyces lilacinus. Minogue MJ, et al. **Am J Ophthalmol** 1984 Nov;98(5):626-7

Topical ketoconazole for fungal keratitis. Torres MA, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):293-8

The effect of combined gentamicin-corticosteroid treatment on gentamicin-resistant Pseudomonas keratitis. Stern GA, et al. **Ann Ophthalmol** 1980 Sep;12(9):1011-4

Efficacy of bromovinyldeoxyuridine in the treatment of herpes simplex virus and varicella-zoster virus eye infections. Maudgal PC, et al. **Antiviral Res** 1984 Oct;4(5):281-91

A rat model of bacterial keratitis. Effect of antibiotics and corticosteroid. Badenoch PR, et al. **Arch Ophthalmol** 1985 May;103(5):718-22

Chemotherapy of Aspergillus fumigatus keratitis: an experimental study. Garcia de Lomas J, et al. **Mycopathologia** 1985 Mar;89(3):135-8

Mortality rate in rheumatoid arthritis patients developing necrotizing scleritis or peripheral ulcerative keratitis. Effects of systemic immunosuppression. Foster CS, et al. **Ophthalmology** 1984 Oct;91(10):1253-63

Effect of topical trifluridine on Thygeson's superficial punctate keratitis. Nesburn AB, et al. **Ophthalmology** 1984 Oct;91(10):1188-92

Intravenous miconazole therapy for experimental keratomycosis in rabbits. Ishibashi Y, et al. **Sabouraudia** 1985 Feb;23(1):55-61

Oral ketoconazole therapy for experimental candida albicans keratitis in rabbits. Ishibashi Y, et al. **Sabouraudia** 1984;22(4):323-30

Effect of soft contact lenses on experimental Pseudomonas and Candida keratitis. Smolin G, et al. **Trans Am Ophthalmol Soc** 1984;82:63-74

Eledoisin--a successful therapeutic concept for filamentary keratitis. Jaeger W, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):496

[Treatment of filamentous keratitis with hypertonic sodium chloride] Mouilleau D, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):109-12 (Eng. Abstr.) **(Fre)**

[Clinical evaluation of 1% clotrimazole ointment in the treatment of corneal mycoses] Swietliczkowa I, et al. **Klin Oczna** 1984 May;86(5):221-3 (Eng. Abstr.) **(Pol)**

[Therapeutic action of contrical instillations in purulent ulcerative keratitis] Ostashevskii VL, et al. **Oftalmol Zh** 1984;(6):350-3 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Diagnosis and management of Acanthamoeba keratitis. Cohen EJ, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):389-95

Anaerobic peptostreptococcal keratitis. Eiferman RA, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):335-6

The effects of intravenous miconazole on fungal keratitis. Ishibashi Y, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):433-7

Acanthamoeba keratitis associated with soft contact lenses. Moore MB, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):396-403

Opacification, vascularization, and chronic inflammation produced by hydrogel corneal lamellar implants. Ohrloff C, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):422-5

Cogan's syndrome [letter] Pender DJ. **Am J Otolaryngol** 1985 Mar-Apr;6(2):132

Thymic factor therapy for herpetic keratitis. Pivetti-Pezzi P, et al. **Ann Ophthalmol** 1985 Jun;17(6):327-31

Capnocytophaga keratitis. Roussel TJ, et al. **Br J Ophthalmol** 1985 Mar;69(3):187-8

Beauvaria bassiana keratitis. Sachs SW, et al. **Br J Ophthalmol** 1985 Jul;69(7):548-50

Nocardia keratitis. Climenhaga DB, et al. **Can J Ophthalmol** 1984 Oct;19(6):284-6

Acanthamoeba keratitis. A clinicopathological case report. Hanssens M, et al. **Int Ophthalmol** 1985 Mar;7(3-4):203-13

Analysis of HSV isolated from patients with unilateral and bilateral herpetic keratitis. Tognon M, et al. **Int Ophthalmol** 1985 Apr;8(1):13-8

Immunotherapy of herpetic infections. Smolin G. **Int Ophthalmol Clin** 1985 Summer;25(2):165-77

Early corneal findings in Cogan's syndrome. Cobo LM, et al. **Ophthalmology** 1984 Aug;91(8):903-7

[Keratitis caused by rice husks--an important cause of blindness in developing countries] Verin P, et al. **Fortschr Ophthalmol** 1984;81(5):418-20 (Eng. Abstr.) **(Ger)**

[Calculation of radiation dose in changes in solar UV-B radiation with regard to keratitis photoelectrica] Blumthaler M, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):275-8 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Studies on HSV specific IgA antibodies in lacrimal fluid from patients with herpes keratitis by solid phase radioimmunoassay. Shani L, et al. **Curr Eye Res** 1985 Feb;4(2):103-11

Corneal organ cultures in tyrosinemia release chemotactic factors. Lohr KM, et al. **J Lab Clin Med** 1985 May;105(5):573-80

[Serum antibodies against corneal and internal ear tissues in Cogan's syndrome] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):428-32 (Eng. Abstr.) **(Ger)**

METABOLISM

Inflammation-induced stimulation of the synthesis of prostaglandins and lipoxygenase-reaction products in rabbit cornea. Bazan HE, et al. **Curr Eye Res** 1985 Mar;4(3):175-9

MICROBIOLOGY

Isolation of Klebsiella ozaenae from a corneal abscess. Janda WM, et al. **Am J Clin Pathol** 1985 May;83(5):655-7

Associated respiratory and herpes virus infections in patients with acute keratitis. Petrescu A, et al. **Virologie** 1984 Jul-Sep;35(3):169-74

[Mycotic keratitis and uveitis] Martenet AC. **Annee Ther Clin Ophtalmol** 1983;34:83-97 (Eng. Abstr.) **(Fre)**

OCCURRENCE

A study on the association of fungi in human corneal ulcers and their therapy. Shukla PK, et al. **Mykosen** 1984 Aug;27(8):385-90

PARASITOLOGY

[Amebic keratitis: clinico-histopathologic case report] Witschel H, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):46-9 (Eng. Abstr.) **(Ger)**

PATHOLOGY

The histopathology of filamentary keratitis. Zaidman GW, et al. **Arch Ophthalmol** 1985 Aug;103(8):1178-81

Bullous keratopathy: a perspective on the American experience. Kaufman HE. **CLAO J** 1984 Jul-Sep;10(3):232-4

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 10-1985. A 29-year-old native of India with bilateral ulcerative keratitis. **N Engl J Med** 1985 Mar 7;312(10):634-41

Pseudophakic bullous keratopathy. Relationship to preoperative corneal endothelial status. Rao GN, et al. **Ophthalmology** 1984 Oct;91(10):1135-40

Acute idiopathic corneal endotheliitis. Sutcliffe E, et al. **Ophthalmology** 1984 Oct;91(10):1161-5

[Cogan's syndrome] Bodemer C, et al. **Ann Dermatol Venereol** 1984;111(8):673-4 **(Fre)**

[Spontaneous corneal perforation with expulsive choroid hemorrhage in 2 patients] Kana JS. **Fortschr Ophthalmol** 1984;81(4):326-8 (Eng. Abstr.) **(Ger)**

[Possibilities of scanning electron microscopic demonstration of experimental injuries of the rat eye] Pervanidis A. **Fortschr Ophthalmol** 1984;81(3):291-2 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Polymorphonuclear leukocyte kinetics in experimentally induced keratitis. Chusid MJ, et al. **Arch Ophthalmol** 1985 Feb;103(2):270-4

The effect of alcohol intoxication on inflammation of the cornea. Leibowitz HM, et al. **Arch Ophthalmol** 1985 May; 103(5):723-5

PREVENTION & CONTROL

Evaluation of BL-P1654: a semisynthetic penicillin as a topical ocular therapy. Cagle GD, et al. **Cornea** 1984; 3(1):27-32

Inhibition by phosphoramidon of Pseudomonas aeruginosa elastase injected intracorneally in rabbit eyes. Kessler E, et al. **Curr Eye Res** 1984 Aug;3(8):1075-8

SURGERY

Penetrating keratoplasty for exogenous Paecilomyces keratitis followed by postoperative endophthalmitis. Kozarsky AM, et al. **Am J Ophthalmol** 1984 Nov; 98(5):552-7

Excimer laser therapy for experimental Candida keratitis. Serdarevic O, et al. **Am J Ophthalmol** 1985 May 15; 99(5):534-8

Surgical management of peripheral fungal keratitis (keratomycosis). Sanitato JJ, et al. **Arch Ophthalmol** 1984 Oct;102(10):1506-9

Acanthamoeba keratitis successfully treated with penetrating keratoplasty: suggested immunogenic mechanisms of action. Blackman HJ, et al. **Cornea** 1984;3(2):125-30

[Keratoplasty à chaud as a therapeutic measure in acute corneal infections] Weidle EG, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):520-8 (Eng. Abstr.) **(Ger)**

THERAPY

Bandage lenses in atypical erythema multiforme. Levy B. **Am J Optom Physiol Opt** 1984 Aug;61(8):552-4

Topical immunotherapy for pseudomonas keratitis in rabbits: use of antilipopolysaccharide plasma. Welsh NH, et al. **Br J Ophthalmol** 1984 Nov;68(11):828-32

Management of Acanthamoeba keratitis. A case report and review of the literature. Hirst LW, et al. **Ophthalmology** 1984 Sep;91(9):1105-11

[Dioxidine phonophoresis in the treatment of patients with bacterial keratitis and corneal ulcers] Novitskii IIa. **Oftalmol Zh** 1985;(1):43-6 (Eng. Abstr.) **(Rus)**

[Case of treatment of keratitis caused by Pseudomonas pyocyanea and complicated by candidiasis] Manukian ME. **Vestn Oftalmol** 1985 May-Jun;101(3):66-7 (Eng. Abstr.) **(Rus)**

VETERINARY

Mycotic keratitis in a dog: concurrent Aspergillus sp and Curvularia sp infections. Qualls CW Jr, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):975-6

[Aspergillus oryzae as a cause of keratomycosis in the horse] Marolt J, et al. **Tierarztl Prax** 1984;12(4):489-92 (Eng. Abstr.) **(Ger)**

KERATITIS, DENDRITIC

Herpetic keratitis in inbred mice. Metcalf JF, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1222-5

COMPLICATIONS

Late wound complications after circular keratotomy for zoster keratitis. Mackensen G, et al. **Cornea** 1984;3(2):95-8

Clinical evaluation of fibronectin eyedrops on epithelial disorders after herpetic keratitis. Nishida T, et al. **Ophthalmology** 1985 Feb;92(2):213-6

Concurrent herpes simplex and cytomegalovirus retinitis and encephalitis in the acquired immune deficiency syndrome (AIDS). Pepose JS, et al. **Ophthalmology** 1984 Dec; 91(12):1669-77

[Honey treatment of postherpetic opacities of the cornea] Mozherenkov VP. **Oftalmol Zh** 1984;(3):188 **(Rus)**

DIAGNOSIS

Progressive herpetic corneal endotheliitis. Robin JB, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):336-7

Pseudodendrites in soft contact lens wearers. Udell IJ, et al. **CLAO J** 1985 Jan-Mar;11(1):51-3

A new rapid immunoperoxidase diagnostic staining of herpes simplex virus 1 indolent corneal ulcer. Duke MA, et al. **Cornea** 1984;3(2):115-8

[Rapid diagnosis of herpes simplex keratitis by fluorescent antibody staining] Fan DZ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):321-3 **(Chi)**

[Current problems in the diagnosis and treatment of herpetic keratitis] Filip M, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep; 28(3):211-4 (Eng. Abstr.) **(Rum)**

DRUG THERAPY

Acyclovir in the treatment of herpetic stromal disease. Sanitato JJ, et al. **Am J Ophthalmol** 1984 Nov;98(5):537-47

Evaluation of bromovinyldeoxyuridine-related compounds in the treatment of experimental herpes simplex keratitis. Maudgal PC, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1393-7

Effect of topical acyclovir therapy on experimental herpes simplex keratouveitis. Maudgal PC, et al. **Arch Ophthalmol** 1985 Sep;103(9):1389-92

Role of débridement and trifluridine (trifluorothymidine) in herpes simplex dendritic keratitis. Parlato CJ, et al. **Arch Ophthalmol** 1985 May;103(5):673-5

Efficacy of BW759 (9-[[2-hydroxy-1(hydroxymethyl)ethoxy]methyl]guanine) against herpes simplex virus type 1 keratitis in rabbits. Trousdale MD, et al. **Curr Eye Res** 1984 Aug;3(8):1007-15

Therapy of herpes keratitis. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):119-21

Ocular penetration of (125I)IVDU, a radiolabeled analogue of bromovinyldeoxyuridine. Maudgal PC, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):45-9

Recombinant human interferon alpha D in HSV-1 recurrence in the rabbit. Mayers M, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):237-40

Human alpha and gamma interferon analogs in rabbits with herpetic keratitis. Trousdale MD, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1244-51

Continuous usage of low doses of human leukocyte interferon with contact lenses in herpetic keratoconjunctivitis. Reccia R, et al. **Ophthalmic Res** 1985;17(4):251-6

Comparison of the efficacy and toxicity of acyclovir and of adenine arabinoside when combined with dilute betamethasone in herpetic disciform keratitis: preliminary results of a double-blind trial. Collum LM, et al. **Trans Ophthalmol Soc UK** 1983;103 (Pt 6):597-9

[Herpetic stromal keratitis: treatment with a combination of acyclovir and dexamethasone eyedrops. Apropos of 32 cases] Lagoutte F. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep; 84(8-9):989-91 **(Fre)**

[Trifluorothymidine therapy of corticoid-treated herpetic keratitis: experimental study in the rabbit] Colin J, et al. **J Fr Ophtalmol** 1984;7(10):603-7 (Eng. Abstr.) **(Fre)**

[Systemic acyclovir therapy in recurrent keratouveitis caused by herpes simplex virus] Bialasiewicz AA, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):539-42 (Eng. Abstr.) **(Ger)**

[Drug therapy in herpetic keratitis] Popa DP, et al. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):261-9 (Eng. Abstr.) **(Rum)**

[Efficacy of some new Romanian drugs in treating herpetic keratitis] Popa DP, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):39-43 (Eng. Abstr.) **(Rum)**

[Experimental validation of the use of idoxuridine magnetophoresis in herpesvirus eye infections] Vainshtein ES, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):47-50 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Effect of the herpes simplex virus genome on the response of infection to corticosteroids. Kaufman HE, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):114-8

[Trauma and herpes] Sundmacher R. **Fortschr Ophthalmol** 1984;81(5):409-15 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Antibody-dependent cellular cytotoxicity mediated by polymorphonuclear leukocytes and mononuclear cells against HSV-1 infected primary cultures of rabbit corneal epithelium. Hill JM, et al. **Curr Eye Res** 1984 Oct; 3(10):1203-12

Role of lymphocyte and antibody in the pathogenesis of immune-mediated herpetic uveitis. Oh JO, et al. **Curr Eye Res** 1985 Jun;4(6):685-91

Nonspecific mitogen responses of peripheral lymphocytes in levamisole-treated patients with herpetic stromal keratitis. Sakata H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):813-7

Dependence on antibody for induction of chemiluminescence in polymorphonuclear leukocytes by herpes simplex virus. Bingham EL, et al. **Invest Ophthalmol Vis Sci** 1985 Sep; 26(9):1236-43

Suppression of secondary herpes simplex uveitis by cyclosporine. Oh JO, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):494-500

[Immunological assay in herpes simplex keratitis] Wu LX. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):324-6 **(Chi)**

[Phenotype of the mononuclear cells of the cornea in ocular herpes] Colin J, et al. **J Fr Ophtalmol** 1985;8(1):55-7 (Eng. Abstr.) **(Fre)**

[Immunological studies on herpetic keratitis. Induction of cytotoxic T lymphocytes in mouse splenocytes] Hirakawa Y. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):208-13 (Eng. Abstr.) **(Jpn)**

[Effect of the herpes simplex virus antigen on E rosette formation by the lymphocytes of patients with ocular herpes] Maichuk IuF, et al. **Vopr Virusol** 1985 Jan-Feb; 30(1):78-80 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Spread of herpes simplex virus and distribution of latent infection after intraocular infection of the mouse. Shimeld C, et al. **Arch Virol** 1985;85(3-4):175-87

Co-cultivation versus blot hybridization for the detection of trigeminal ganglionic latency following corneal inoculation with HSV-1 strains of varying TK expression and pathogenicity. Gordon YJ, et al. **Curr Eye Res** 1984 Sep;3(9):1097-100

Spontaneous ocular shedding of HSV-1 in latently infected rabbits. Berman EJ, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):587-90

HSV-1 quantitation from rabbit neural tissues after epinephrine-induced reactivation. Shimomura Y, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):121-5

Quantitation of herpes simplex virus in rabbit corneal epithelium. Zamansky GB, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):873-6

Acute and latent infection by thymidine kinase mutants of herpes simplex virus type 2. Tenser RB, et al. **J Infect Dis** 1985 Mar;151(3):548-50

Herpes simplex virus latency in the rabbit trigeminal ganglia: ganglionic superinfection. Centifanto-Fitzgerald YM, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):55-67

Isolation of herpes simplex virus from corneal discs of patients with chronic stromal keratitis. Tullo AB, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):159-65

PATHOLOGY

Virus particles and leukocytes in herpes simplex keratitis. Ahonen R, et al. **Cornea** 1984;3(1):43-50

The acute retinal necrosis syndrome. Possible herpes simplex retinitis. Ludwig IH, et al. **Ophthalmology** 1984 Dec; 91(12):1659-64

[Ridge-shaped, retrocorneal connective tissue membrane in corneal ulcer] Daus W, et al. **Fortschr Ophthalmol** 1985; 82(3):285-7 (Eng. Abstr.) **(Ger)**

[Inflammatory eye changes in the mouse caused by herpesvirus. Changes caused by the cytopathogenic effect. An animal model] Pfaller K, et al. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):549-52 (Eng. Abstr.) **(Ger)**

[Ulcerative herpetic keratitis. Clinical and pathological findings and prognosis of the graft] Lücke A, et al. **Ophthalmologica** 1984;189(3):93-103 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

[Status of functional scotomas in corneal forms of ophthalmic herpes] Vin'kova GA, et al. **Oftalmol Zh** 1985;(3):184-5 **(Rus)**

PREVENTION & CONTROL

Prophylactic topical cyclosporine in experimental herpetic stromal keratitis. Boisjoly HM, et al. **Arch Ophthalmol** 1984 Dec;102(12):1804-7

Use of recombinant interferon to prevent recurrent herpesvirus shedding. Smolin G, et al. **Curr Eye Res** 1984 Aug;3(8):1069-74

Recombinant HuIFN-gamma prevents herpes simplex keratitis in African green monkeys: demonstration of synergism with recombinant HuIFN-alpha 2. Neumann-Haefelin D, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):81-6

SURGERY

The effect of prospective HLA-A and -B matching in 288 penetrating keratoplasties for herpes simplex keratitis. Völker-Dieben HJ, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):513-23

THERAPY

The herpes affliction [editorial] Chisholm IA. **Can J Ophthalmol** 1985 Apr;20(3):85-6

[Experimental and clinical study on auto-mononuclear macrophage therapy in herpesvirus keratitis] He YL. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):75-7 (Eng. Abstr.) **(Chi)**

TRANSMISSION

Transmission of herpes simplex during cardiopulmonary resuscitation training. Mannis MJ, et al. **Compr Ther** 1984 Dec;10(12):15-7

KERATOACANTHOMA

COMPLICATIONS

Polyarthritis with atypical keratotic nodular dermatosis or polyarthritis with multiple keratoacanthoma. A case report. Mittal R, et al. **Dermatologica** 1984;169(4):199-202

DIAGNOSIS

Subungual keratoacanthoma: a variant of verrucous squamous cell carcinoma of the skin. Scarani P, et al. **Appl Pathol** 1983 Nov-Dec;1(6):339-42

[Keratoacanthoma] Samochocki Z. **Przegl Dermatol** 1984 Mar-Apr;71(2):177-80 (47 ref.) **(Pol)**

DRUG THERAPY

A case of eruptive keratoacanthoma treated by oral etretinate. Yoshikawa K, et al. **Br J Dermatol** 1985 May;112(5):579-83
The role of etretinate (Tegison; Tigason) in the management of keratoacanthoma. Cristofolini M, et al. **J Am Acad Dermatol** 1985 Apr;12(4):633-8
Oral isotretinoin therapy for familial Muir-Torre syndrome. Spielvogel RL, et al. **J Am Acad Dermatol** 1985 Mar;12(3):475-80

METABOLISM

Filaggrin distribution in keratoacanthomas and squamous cell carcinoma. Klein-Szanto AJ, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):888-90

OCCURRENCE

[Keratoacanthoma. Epidemiologic study of 100 lesions] Navarro Jimeñez BR. **Med Cutan Iber Lat Am** 1984;12(3):259-63 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Keratoacanthomas associated with cervical squamous cell carcinoma [letter] Fusaro RM, et al. **Arch Dermatol** 1985 Jun;121(6):713-4
Pigmented keratoacanthoma [letter] Mehregan A, et al. **Arch Dermatol** 1984 Nov;120(11):1417
Proliferation of melanocytes in keratoacanthoma [letter] Sanchez-Yus E, et al. **Arch Dermatol** 1985 Aug;121(8):968-9
Keratoacanthoma centrifugum marginatum versus low-grade squamous cell carcinoma. Peteiro MC, et al. **Dermatologica** 1985;170(5):221-4
Keratoacanthoma of the vulva. Rhatigan RM, et al. **Gynecol Oncol** 1985 May;21(1):118-23
Eosinophil infiltration in keratoacanthoma and squamous cell carcinoma of the skin. Lowe D, et al. **Histopathology** 1984 Jul;8(4):619-25
Giant keratoacanthoma of the nose. Lucente FE. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):112-6
DNA flow cytometry of human epidermal tumours. Intra- and intertumour variability in ploidy and proliferative characteristics. Frentz G, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):175-83

RADIOGRAPHY

Subungual keratoacanthoma. Levy DW, et al. **Skeletal Radiol** 1985;13(4):287-90

RADIOTHERAPY

[Differential x-ray therapy of keratoacanthoma. A clinical case] Köster W, et al. **Z Hautkr** 1985 Jan;60(1-2):215-8 (Eng. Abstr.) **(Ger)**

THERAPY

Multiple keratoacanthomas [letter] Alexander JO, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):376-7

KERATOCONJUNCTIVITIS

CHEMICALLY INDUCED

[Euphorbiae keratoconjunctivitis] Rössler G. **Klin Monatsbl Augenheilkd** 1985 May;186(5):380-1 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Clinical manifestations of dry eye states. Baum J. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):415-23 (81 ref.)

DRUG THERAPY

Clinical experience with povidone-iodine eye drops in patients with conjunctivitis and keratoconjunctivitis. Schuhman G, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:173-5
Tear diluents in the treatment of keratoconjunctivitis sicca. Gilbard JP, et al. **Ophthalmology** 1985 May;92(5):646-50
Topical therapy for dry eyes. Gilbard JP. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):484-8 (21 ref.)

ETIOLOGY

[Chlamydial acute and subacute keratoconjunctivitis] Bloch-Michel E, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1259-61 **(Fre)**

IMMUNOLOGY

An immunological study of papillary conjunctivitis due to contact lenses. Barishak Y, et al. **Curr Eye Res** 1984 Oct;3(10):1161-8

MICROBIOLOGY

A large outbreak of keratoconjunctivitis due to adenovirus type 8. Richmond S, et al. **J Hyg (Lond)** 1984 Oct;93(2):285-91
Molecular epidemiology of adenovirus type 8 (Ad 8) in Taiwan: four subtypes recovered during the period of 1980-1981 from patients with epidemic keratoconjunctivitis. Fujii S, et al. **Jpn J Med Sci Biol** 1984 Aug;37(4):161-9

OCCURRENCE

Destructive epidemic Neisseria gonorrheae keratoconjunctivitis in African adults. Schwab L, et al. **Br J Ophthalmol** 1985 Jul;69(7):525-8
Epidemic keratoconjunctivitis: report of an outbreak in an ophthalmology practice and recommendations for prevention. Buehler JW, et al. **Infect Control** 1984 Aug;5(8):390-4
[An epidemic of keratoconjunctivitis] Hendrikse F. **Ned Tijdschr Geneeskd** 1984 Jul 21;128(29):1392-3 **(Dut)**
[Clinico-epidemiological study of keratoconjunctivitis due to adenovirus type 37 (Ad 37) in Sapporo, Japan] Aoki K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):294-8 (Eng. Abstr.) **(Jpn)**
[Analysis of hospital morbidity from adenovirus keratoconjunctivitis] Indeikin EN. **Voen Med Zh** 1985 Mar;(3):54 **(Rus)**
[An epidemic of keratoconjunctivitis at the ophthalmic department in Levoča from October to December 1981] Merklova G, et al. **Cesk Oftalmol** 1985 Jul;41(4):222-4 (Eng. Abstr.) **(Slo)**

PATHOLOGY

An in vivo study of corneal surface morphologic features in patients with keratoconjunctivitis sicca. Lemp MA, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):426-8
Central corneal thickness of patients with dry eyes. Pole JJ, et al. **J Am Optom Assoc** 1985 Mar;56(3):220-1
Morphologic effect of hyperosmolarity on rabbit corneal epithelium. Gilbard JP, et al. **Ophthalmology** 1984 Oct;91(10):1205-12
An in vivo study of the corneal surface in keratoconjunctivitis sicca. Lemp MA, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):436-8

PHYSIOPATHOLOGY

[Analysis of basal tear volumes in normal controls and patients with keratoconjunctivitis sicca using electronic resistance measuring method] Kono K. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1418-22 (Eng. Abstr.) **(Jpn)**

SURGERY

Conjunctival resection for superior limbic keratoconjunctivitis. Passons GA, et al. **Ophthalmology** 1984 Aug;91(8):966-8

THERAPY

Combination of a side shield with an ocular moisture chamber. Gresset J, et al. **Am J Optom Physiol Opt** 1984 Sep;61(9):610-2
[Severe syndromes of ocular dryness: their treatment by inserts] Arrata M. **Bull Mem Soc Fr Ophtalmol** 1985;96:400-2 **(Fre)**

VETERINARY

Keratoconjunctivitis sicca: immunological evaluation of 62 canine cases. Kaswan RL, et al. **Am J Vet Res** 1985 Feb;46(2):376-83
Immunogenicity of Moraxella bovis hemolysin. Ostle AG, et al. **Am J Vet Res** 1985 May;46(5):1011-4
Infectious bovine keratoconjunctivitis: subconjunctival administration of a Moraxella bovis pilus preparation enhances immunogenicity. Pugh GW Jr, et al. **Am J Vet Res** 1985 Apr;46(4):811-5
Treatment of acute ocular Moraxella bovis infections in calves with a parenterally administered long-acting oxytetracycline formulation. Smith JA, et al. **Am J Vet Res** 1985 Apr;46(4):804-7
Ocular inserts for application of drugs to bovine eyes—in vitro studies on gentamicin release from collagen inserts. Punch PI, et al. **Aust Vet J** 1985 Mar;62(3):79-82
The use of immuno-peroxidase techniques for the identification of Moraxella bovis in tissue sections. Turfrey BA. **Br Vet J** 1985 Mar-Apr;141(2):195-6
Serotypes and antibiotic sensitivity of Moraxella bovis isolated from an outbreak of infectious bovine keratoconjunctivitis. Gil-Turnes C, et al. **Can J Comp Med** 1984 Oct;48(4):428-30
Antibiotic treatment of Moraxella bovis infection in cattle. George LW, et al. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1206-9 (16 ref.)
Relationship of the face fly (Diptera: Muscidae) to pinkeye in cattle: a review and synthesis of the relevant literature. Hall RD. **J Med Entomol** 1984 Jul 26;21(4):361-5 (51 ref.)
Treatment of Moraxella bovis infections in calves using a long-acting oxytetracycline formulation. George LW, et al. **J Vet Pharmacol Ther** 1985 Mar;8(1):55-61
Dry eye in the dog and its treatment. Barnett KC, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):462-6
Infectious bovine keratoconjunctivitis: an update. Miller RB, et al. **Vet Clin North Am [Large Anim Pract]** 1984 Nov;6(9):597-608 (74 ref.)
Inclusion keratoconjunctivitis ('pink eye') in sheep. A proposal for a new name for chlamydial keratoconjunctivitis in sheep and comment on recent clinical trials. Bogaard AE Jr. **Vet Q** 1984 Sep;6(4):229-35
Sulphasalazine and keratoconjunctivitis sicca [letter] Bedford PG. **Vet Rec** 1985 Feb 23;116(8):222
Keratoconjunctivitis sicca and sulphasalazine [letter] Burrows CF. **Vet Rec** 1985 May 18;116(20):550
Sulphasalazine and keratoconjunctivitis sicca [letter] Long RD. **Vet Rec** 1985 Mar 9;116(10):274
Chlamydia infection and infertility in the female koala (Phascolarctos cinereus). McColl KA, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):655
Keratoconjunctivitis sicca in the dog associated with the administration of salicylazosulphapyridine (sulphasalazine). Sansom J, et al. **Vet Rec** 1985 Apr 13;116(15):391-3

KERATOCONUS

COMPLICATIONS

Keratoconus and Leber's congenital amaurosis: a clinicopathological correlation. Flanders M, et al. **Can J Ophthalmol** 1984 Dec;19(7):310-4

FAMILIAL & GENETIC

[2 cases of familial keratoconus] Vérin P, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):951-2 **(Fre)**
[Polygenic analysis of keratoconus] Tanabe U, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):670-5 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Measurement of total and specific IgE levels in the management of a family exhibiting a high incidence of keratoconus. Kemp EG, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):524-9
Histocompatibility (HLA) antigens in keratoconus. McKinney PJ, et al. **Am J Optom Physiol Opt** 1984 Aug;61(8):528-31

METABOLISM

In vitro incorporation of proline into keratoconic human corneas. Rehany U, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1254-7
RNA metabolism in cultures of corneal stromal cells from patients with keratoconus. Yue BY, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):126-32
[Distribution of specific collagen types and fibronectin in normal and keratoconus corneas] Tsuchiya S, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):270-8 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

[Prevalence of keratoconus patients in Japan] Tanabe U, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):407-11 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Keratoconus and normal cornea: a comparative study of the collagenous fibers of the corneal stroma by image analysis. Patey A, et al. **Cornea** 1984;3(2):119-24
Connective tissue changes associated with inferior epiblepharon, epicanthus, and keratoconus. Daxecker F, et al. **Ophthalmologica** 1985;191(1):12-6

PHYSIOPATHOLOGY

Ocular rigidity and intraocular pressure in keratoconus. Brooks AM, et al. **Aust J Ophthalmol** 1984 Nov;12(4):317-24
An analysis of contrast sensitivity in identical twins with keratoconus. Zadnik K, et al. **Cornea** 1984;3(2):99-103
[Optical aberrations of the eye in keratoconus] Abugova TD, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):36-9 (Eng. Abstr.) **(Rus)**

REHABILITATION

[Rehabilitation of patients with the initial stages of keratoconus] Abugova TD. **Vestn Oftalmol** 1985 Mar-Apr;101(2):51-3 (Eng. Abstr.) **(Rus)**

SURGERY

The effect of penetrating keratoplasty on contrast sensitivity in keratoconus. Mannis MJ, et al. **Arch Ophthalmol** 1984 Oct;102(10):1513-6
Selective positioning of the donor cornea in penetrating keratoplasty for keratoconus: postoperative astigmatism. Troutman RC, et al. **Cornea** 1984;3(2):135-9
Long-term results of corneal transplantations in keratoconus patients. de Lavalette JG, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):93-7
[Optical value of pre-Descemet's lamellar grafts] Baikoff G, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:292-5 **(Fre)**
[Endothelium microscopy studies following keratoplasty] Kunz R, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):93-5 (Eng. Abstr.) **(Ger)**

THERAPY

Aspheric silicone lenses for keratoconus. Lembach RG, et al. **CLAO J** 1984 Oct-Dec;1 (4):323-5
Perfluoro-1-methyldecalin as a potential oxygen carrier with fluid scleral lenses. Refojo MF, et al. **Curr Eye Res** 1985

Jun;4(6):732-3

[Use of an alternating magnetic field in the combined treatment of acute keratoconus] Vainshtein ES, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):44-6 (Eng. Abstr.) **(Rus)**

KERATOLYTIC AGENTS see under **DERMATOLOGIC AGENTS**

KERATOSIS

CHEMICALLY INDUCED

Deoxycoformycin: a new chemotherapeutic agent of interest to dermatologists [letter] Camisa C, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1108-9

Porokeratosis of Mibelli: benzylhydrochlorothiazide-induced new lesions accompanied by eosinophilic spongiosis. Inamoto N, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):357-61

Assessment of the chloracnegenic response induced by 3,4,3',4'-tetrachloroazoxybenzene in mice. Horton VL, et al. **J Toxicol Environ Health** 1985;15(2):215-27

[Multiple bowenoid arsenic keratoses] Leyh F, et al. **Derm Beruf Umwelt** 1985;33(3):99-101 (Eng. Abstr.) **(Ger)**

CLASSIFICATION

The diagnostic value of parakeratosis. Price ML, et al. **J Cutan Pathol** 1984 Aug;11(4):249-58

COMPLICATIONS

Multiple epitheliomata cuniculata occurring in a mutilating keratoderma. Barnett JH, et al. **Cutis** 1985 Apr;35(4):345-7

Polyarthritis with atypical keratotic nodular dermatosis or polyarthritis with multiple keratoacanthoma. A case report. Mittal R, et al. **Dermatologica** 1984;169(4):199-202

[Paraneoplastic acrokeratosis] Bazex A. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):666-71 (Eng. Abstr.) **(Fre)**

CONGENITAL

Pachyonychia congenita. Electron microscopic and epidermal glycoprotein assessment before and during isotretinoin treatment. Thomas DR, et al. **Arch Dermatol** 1984 Nov;120(11):1475-9

DIAGNOSIS

Differentiating seborrheic keratosis from skin neoplasm. Cashmore RW, et al. **Geriatrics** 1985 Jul;40(7):69-71, 74-5

Keratosis punctata of the palmar creases. Ortega M, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):381-2

Seborrheic keratosis? [letter] Rapini RP. **J Dermatol Surg Oncol** 1985 Jan;11(1):74

Kyrle-Flegel's--one or two diseases? English JS, et al. **J R Soc Med** 1984;77 Suppl 4:16-8

[Hyperkeratosis lenticularis perstans (Flegel's disease)] Duschet P, et al. **Hautarzt** 1985 May;36(5):299-301 (Eng. Abstr.) **(Ger)**

[Multiple seborrheic keratoses in a child aged 10 years] Harari Z, et al. **Harefuah** 1985 Mar 1;108(5):251-2 (Eng. Abstr.) **(Heb)**

[Noonan syndrome and keratosis pilaris atrophicans faciei. Significance of dermatologic changes] Occella C, et al. **Minerva Pediatr** 1985 Feb 28;37(4):181-6 (Eng. Abstr.) **(Ita)**

[Verruca seborrheica (the problems of its clinical picture, pathogenesis, morphology and therapy)] Berenbein BA, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):38-41 (73 ref.) **(Rus)**

[Actinic porokeratosis] Karalitskii EM. **Vestn Dermatol Venerol** 1984 Sep;(9):59-61 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Hyperkeratotic porokeratosis (Mibelli) with psoriasis--response to an aromatic retinoid. Beer WE, et al. **Clin Exp Dermatol** 1984 Sep;9(5):509-13

Acquired pili torti in two patients treated with synthetic retinoids. Hays SB, et al. **Cutis** 1985 May;35(5):466-8

Etretinate improves localized porokeratosis of Mibelli. Campbell JP, et al. **Int J Dermatol** 1985 May;24(4):261-3

Etretinate in the treatment of disseminated porokeratosis of Mibelli. Hacham-Zadeh S, et al. **Int J Dermatol** 1985 May;24(4):258-60

Disseminated superficial 'actinic' porokeratosis. Schwarz T, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):724-30

Hyperkeratinization, corneocyte cohesion, and alpha hydroxy acids. Van Scott EJ, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):867-79

Effects of treatment with aromatic retinoid (Ro 10-9359) for some diseases with keratinizing disorders. Timpatanapong P, et al. **J Med Assoc Thai** 1985 Feb;68(2):49-59

Oral synthetic retinoid treatment in children. DiGiovanna JJ, et al. **Pediatr Dermatol** 1983 Jul;1(1):77-88 (67 ref.)

[Keratoma hereditaria mutilans--treatment with retinoid (Ro-10-9359)] Ito T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):823-30 **(Jpn)**

[Results of the treatment of superficial hyperkeratotic lesions with Solcoderm] Rogoziński T, et al. **Przegl Dermatol** 1984 May-Jun;71(3):287-90 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Non-melanotic skin cancer and solar keratoses in Victoria--clinical studies II. Goodman GJ, et al. **Australas J Dermatol** 1984 Dec;25(3):103-6

The prevalence of accentuated palmoplantar markings and keratosis pilaris in atopic dermatitis, autosomal dominant ichthyosis and control dermatological patients. Mevorah B, et al. **Br J Dermatol** 1985 Jun;112(6):679-85

Keratin, keratinization, and biochemical aspects of dyskeratosis. Ogawa H, et al. **Int J Dermatol** 1984 Oct;23(8):507-13 (46 ref.)

Disseminated superficial actinic porokeratosis: appearance associated with photochemotherapy for psoriasis. Hazen PG, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1077-8

Immunosuppression: a cause of porokeratosis? Lederman JS, et al. **J Am Acad Dermatol** 1985 Jul;13(1):75-9

A big pain between the small toes. Goldner RD. **NC Med J** 1985 Jul;46(7):403-4

FAMILIAL & GENETIC

Cytogenetic studies in a patient with porokeratosis of Mibelli, multiple cancers and a forme fruste of Werner's syndrome. Machino H, et al. **Br J Dermatol** 1984 Nov;111(5):579-86

Familial dyskeratotic comedones. Price M, et al. **Clin Exp Dermatol** 1985 Mar;10(2):147-53

Familial keratotic papular lesions on the chin. Brenner S, et al. **Int J Dermatol** 1985 Jun;24(5):320-1

Familial hyperkeratosis lenticularis perstans. Associated with cancers of the digestive organs. Ishibashi A, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):407-9

[Ichthyosis hystrix with parakeratosis in the form of cornoid lamellae] Braun-Falco O, et al. **Hautarzt** 1985 Mar;36(3):132-41 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Oral lichen planus: an immunoperoxidase study using monoclonal antibodies to lymphocyte subsets. Matthews JB, et al. **Br J Dermatol** 1984 Nov;111(5):587-95

MICROBIOLOGY

[Pityrosporum ovale in keratotic lesions of seborrheic areas] Bourlond A, et al. **Ann Dermatol Venereol** 1984;111(12):1081-5 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Benign lichenoid keratosis. Frigy AF, et al. **Am J Clin Pathol** 1985 Apr;83(4):439-43

Is papular acantholytic dyskeratosis of the vulva a new entity? Chorzelski TP, et al. **Am J Dermatopathol** 1984 Dec;6(6):557-60

The nails in keratosis lichenoides chronica. Characteristics and response to treatment. Baran R, et al. **Arch Dermatol** 1984 Nov;120(11):1471-4

Acute skin manifestations of Conradi-Huenermann syndrome in a male adult. Crovato F, et al. **Arch Dermatol** 1985 Aug;121(8):1064-5

Recurring accessory 'fingernail': periungual fibrokeratoma. Shelley WB, et al. **Cutis** 1985 May;35(5):451-4

Transepidermal elimination of actinically damaged connective tissue. Goette DK. **Int J Dermatol** 1984 Dec;23(10):669-72

Lichenoid benign keratosis. Berger TG, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):635-8

Pemphigus foliaceus presenting as multiple giant seborrheic keratoses [letter] Kahana M, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):299-300

The sign of Leser-Trelat [letter] Rotstein H, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):121

Metastatic squamous-cell carcinomas derived from solar keratosis. Fukamizu H, et al. **J Dermatol Surg Oncol** 1985 May;11(5):518-22

Trichilemmal neoplasm developing in seborrheic keratosis--report of two cases. Horiguchi Y, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):167-73

Inverted follicular keratosis. White DK, et al. **J Oral Maxillofac Surg** 1985 Jul;43(7):498-503

Hyperkeratosis in Flegel's disease. Burmeister V, et al. **JAMA** 1985 Aug 9;254(6):810

Warty dyskeratoma of the oral mucosa. Correlated light and electron microscopic study. Newland JR, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):176-83

[A case of dermatosis papulosa nigra in a white man] Binazzi M, et al. **Ann Dermatol Venereol** 1984;111(11):1013-5 **(Fre)**

[Acquired genital leucokeratosis with epidermolytic hyperkeratosis (letter)] Crovato F, et al. **Ann Dermatol Venereol** 1984;111(10):943-4 **(Fre)**

[Paraneoplastic acrokeratosis] Bazex A, et al. **Ann Med Interne (Paris)** 1984;135(8):658-61 (Eng. Abstr.) **(Fre)**

[Verrucous-form dermatosis papulosa nigra of the eyelid] Dhermy P, et al. **J Fr Ophtalmol** 1984;7(5):411-2 **(Fre)**

[Striated lichenoid keratosis. 2 cases with oral manifestations] Wallach D, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):307-10 (Eng. Abstr.) **(Fre)**

[Scanning electron microscopic observation of hyperkeratosis lenticularis perstans] Nakano S, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun;94(7):849-53 **(Jpn)**

[Incidence of leukoplakia and keratosis in women with suspicious cytological smears] Berliński B, et al. **Wiad Lek** 1984 Dec 15;37(24):1918-21 (Eng. Abstr.) **(Pol)**

[Spreading pigmented actinic keratosis] Moreno A, et al. **Med Cutan Ibero Lat Am** 1984;12(5):379-82 (Eng. Abstr.) **(Spa)**

SURGERY

Intramedullary decompression with condylectomy for intractable plantar keratoma. Roven MD. **Clin Podiatry** 1985 Jul;2(3):491-6

Effect of freezing the helix and the rim or edge of the human and pig ear. Burge SM, et al. **J Dermatol Surg Oncol** 1984 Oct;10(10):816-9

Dermabrasion for the treatment of a giant seborrheic keratosis. Pepper E. **J Dermatol Surg Oncol** 1985 Jun;11(6):646-7

THERAPY

Practical management of widespread, atypical keratosis pilaris [letter] Novick NL. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):305-6

VETERINARY

Domestic animals in the elucidation of zinc's role in nutrition. Luecke RW. **Fed Proc** 1984 Oct;43(13):2823-8 (69 ref.)

KERATOSIS BLENNORRHAGICA see under **KERATOSIS**

KERATOSIS FOLLICULARIS

COMPLICATIONS

Renal and testicular agenesis in a patient with Darier's disease. Matsuoka LY, et al. **Am J Med** 1985 May;78(5):873-7

Follicular hyperkeratosis and cryocrystalglobulinemia syndrome. Occurrence in a patient with multiple myeloma. Lukitsch O, et al. **Arch Dermatol** 1985 Jun;121(6):795-8

Localized Darier's disease of the scalp complicated by Trichophyton tonsurans infection. Wheeland RG, et al. **Arch Dermatol** 1985 Jul;121(7):905-7

Disseminated herpes simplex infection complicating Darier's disease: successful treatment with oral acyclovir [letter] Parham DM, et al. **J Infect** 1985 Jan;10(1):77-8

DIAGNOSIS

Kyrle-Flegel's--one or two diseases? English JS, et al. **J R Soc Med** 1984;77 Suppl 4:16-8

DRUG THERAPY

13-cis-retinoic acid for dyskeratinizing diseases--clinicopathological responses. Risch J, et al. **Clin Exp Dermatol** 1984 Sep;9(5):472-83

Darier's disease responds to the synergism of vitamins A and E [letter] Ayres S Jr. **Int J Dermatol** 1985 Jan-Feb;24(1):65

ETIOLOGY

UV radiation and keratosis follicularis. Baba T, et al. **Arch Dermatol** 1984 Nov;120(11):1484-7

FAMILIAL & GENETIC

[Familial case of Jadassohn-Lewandowski syndrome] Divanian RS, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):47-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Darier-White disease: a multifaceted immunodeficient state? [letter] Dorval JC, et al. **Arch Dermatol** 1985 Feb;121(2):170

PATHOLOGY

Unilateral keratosis follicularis. Moore JA, et al. **Cutis** 1985 May;35(5):459-61

The nature and pathogenesis of dyskeratosis in Hailey-Hailey's disease and Darier's disease. Ishibashi Y, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):335-53

[Two cases of Darier's disease associated with guttate leukoderma] Baba T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1003-13 **(Jpn)**

SURGERY

The surgical treatment of hypertrophic Darier's disease. Wheeland RG, et al. **J Dermatol Surg Oncol** 1985 Apr;11(4):420-3

KERATOSIS PALMARIS ET PLANTARIS

COMPLICATIONS

Epidermolysis bullosa simplex with keratoderma of the palms and soles. Haber RM, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1040-4

[Familial keratosis punctata palmaris et plantaris associated with multiple lipomas (letter)] Gago MJ, et al **Med Clin (Barc)** 1984 Nov 17;83(16):692 **(Spa)**

CONGENITAL

[Hereditary papulotranslucent acrokeratoderma] Köster W, et al. **Z Hautkr** 1985 Jan;60(1-2):211-4 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Papillon-Lefevre syndrome. Kumar PM, et al. **Indian Pediatr** 1985 Mar;22(3):244-6

Porokeratosis plantaris palmaris et disseminata. Shaw JC, et al. **J Am Acad Dermatol** 1984 Sep;11(3):454-60

[Sternocostoclavicular hyperostosis--pustular arthro-osteitis--pustulosis palmaris et plantaris: an extreme enthesiopathic form of psoriatic spondylarthritis] Schilling F, et al. **Z Rheumatol** 1985 Jan-Feb;44(1):483 **(Ger)**

[Haxthausen's syndrome (climacteric keratosis palmaris et plantaris)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):4-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Etretinate: management of keratoma hereditaria mutilans in four family members. Rivers JK, et al. **J Am Acad Dermatol** 1985 Jul;13(1):43-9

Keratoderma hereditaria mutilans (Vohwinkel's syndrome): a trial of isotretinoin. Goldfarb MT, et al. **Pediatr Dermatol** 1985 Mar;2(3):216-8

[The Papillon-Lefevre syndrome (keratosis palmoplantaris with periodontopathy). Treatment with etretinate] Wehrmann W, et al. **Hautarzt** 1985 Mar;36(3):173-5 (Eng. Abstr.) **(Ger)**

[Meleda disease. 2 brothers treated with aromatic retinoids] Schiazza L, et al. **Minerva Pediatr** 1985 May 15;37(9):365-8 (Eng. Abstr.) **(Ita)**

ETIOLOGY

[Acquired disseminated papulous palmar keratoses--a paraneoplastic syndrome in cancers of the urinary bladder and lung?] Küchmeister B, et al. **Z Hautkr** 1984 Sep 1; 59(17):1123-4 **(Ger)**

[Keratosis palmaris and visceral cancer] Vignale RA, et al. **Med Cutan Ibero Lat Am** 1984;12(5):395-8 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Hereditary palmoplantar keratoderma in the northernmost county of Sweden. Gamborg Nielsen P. **Acta Derm Venereol (Stockh)** 1985;65(3):224-9

Immunological aspects of dermatophyte infections in hereditary palmo-plantar keratoderma. Gamborg Nielsen P. **Acta Derm Venereol (Stockh)** 1984;64(4):296-301

Familial rolled and spiral hairs with palmoplantar keratoderma. Ortonne JP, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):250-4

Mutilating palmoplantar keratoderma successfully treated with etretinate. Wereide K. **Acta Derm Venereol (Stockh)** 1984;64(6):566-9

Familial Richner-Hanhart syndrome: genetic, clinical, and metabolic studies. Sammartino A, et al. **Ann Ophthalmol** 1984 Nov;16(11):1069-74

Variant of keratoderma hereditaria mutilans (Vohwinkel's syndrome). Treatment with orally administered isotretinoin. Camisa C, et al. **Arch Dermatol** 1984 Oct; 120(10):1323-8

Epidermolytic variant of hereditary palmoplantar keratoderma. Camisa C, et al. **Br J Dermatol** 1985 Feb; 112(2):221-5

Acrokeratoelastoidosis: a spectrum of diseases. de Boer EM, et al. **Dermatologica** 1985;171(1):8-11

Report of a family with mal de Meleda in Taiwan: a clinical, histopathological and immunological study. Jee SH, et al. **Dermatologica** 1985;171(1):30-7

2 Cases of hereditary palmoplantar keratoderma. An abnormality of keratohyalin granules and keratin fibril formation. Tezuka T. **Dermatologica** 1984;169(3):138-45

Hereditary callosities with blisters. Report of a family and review. Baden HP, et al. **J Am Acad Dermatol** 1984 Sep; 11(3):409-15 (28 ref.)

Skin pH on soles in patients with hereditary palmoplantar keratoderma and pathogenicity of dermatophytes. Nielsen PG. **Mykosen** 1985 Jun;28(6):310-2

[Thost-Unna syndrome. Clinical and therapeutic contributions] Donofrio P, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):395-9 (Eng. Abstr.) **(Ita)**

[An unusual case of familial incidence of keratosis palmaris et plantaris in association with other manifestations] Sinka L, et al. **Bratisl Lek Listy** 1985 Aug;84(2):221-4 (Eng. Abstr.) **(Slo)**

[Papillon-Lefèvre syndrome. Presentation of a case] Reynaldo Arosemena M, et al. **Med Cutan Iber Lat Am** 1984;12(3):245-9 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Immunological alterations in a case of Papillon-Lefevre syndrome with recurrent cutaneous infections. Borroni G, et al. **Dermatologica** 1985;170(1):27-30

METABOLISM

[Type II oculo-cutaneous tyrosinosis] Gounod N, et al. **Ann Dermatol Venereol** 1984;111(8):697-8 **(Fre)**

[Fatty acids in normal and pathological stratum corneum of humans] Massengo T, et al. **C R Soc Biol (Paris)** 1984; 178(4):481-6 (Eng. Abstr.) **(Fre)**

[The location of the fluorescent peripheral zone of disulfide bonds with DACM reagent. With special reference to the marginal band of the stratum corneum cells] Tadashi T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):921-5 **(Jpn)**

[Extraction and purification of a cystine-rich polypeptide of normal subjects and a patient with palmo-plantar keratoderma] Takahashi M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):23-9 **(Jpn)**

PATHOLOGY

Electron microscopic study of fingernails in the disease of Mljet (Mal de Meleda). Salamon T, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):302-7

Composite keratohyaline granules in palmoplantar keratoderma: an ultrastructural study. Laurent R, et al. **Arch Dermatol Res** 1985;277(5):384-94

Epidermolytic palmo-plantar keratoderma. Thomas JR 3d, et al. **Int J Dermatol** 1984 Dec;23(10):652-5

Papillon-Lefevre syndrome: report of a case. Willett LM, et al. **J Oral Med** 1985 Jan-Mar;40(1):43-5

Histopathological and ultrastructural findings in a case of Papillon-Lefèvre syndrome. Sloan P, et al. **J Periodontol** 1984 Aug;55(8):482-5

[Circumscribed palmoplantar keratosis with altered keratohyalin granules. Histological and electron microscopic findings] Küchmeister B, et al. **Z Hautkr** 1985 Mar 15;60(6):501-2, 505-6, 509-11 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of striate keratosis palmoplantaris (Wachters type)] Küchmeister B, et al. **Z Hautkr** 1985 Jun 15;60(12):985-91 (Eng. Abstr.) **(Ger)**

SURGERY

Richner-Hanhart syndrome spares a plantar autograft. Crovato F, et al. **Arch Dermatol** 1985 Apr;121(4):539-40

KERNICTERUS

COMPLICATIONS

[Developmental diseases of the central nervous system caused by neonatal hyperbilirubinemia] Robles Vizcaino C. **An Esp Pediatr** 1984 Nov 30;21(8):715-24 (Eng. Abstr.) **(Spa)**

ETIOLOGY

[Recent studies on the pathogenesis of hyperbilirubinemia and kernicterus] Ballowitz L. **Klin Padiatr** 1985 Mar-Apr; 197(2):167-9 (Eng. Abstr.) **(Ger)**

PATHOLOGY

[Nuclear icterus in premature infants] Poláček K. **Cesk Pediatr** 1985 Jan;40(1):21-3 (Eng. Abstr.) **(Cze)**

KEROSINE see under **PETROLEUM**

KETAMINE

Effect of vecuronium and pancuronium on cardiac performance and transmural myocardial perfusion during ketamine anaesthesia. Pedersen T, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):443-6

The use of xylazine-ketamine anesthetic for intraocular surgery on rabbits. Brown RH, et al. **Am J Ophthalmol** 1985 May 15;99(5):614-5

Hemodynamics in the guinea pig after anesthetization with ketamine/xylazine. Hart MV, et al. **Am J Vet Res** 1984 Nov;45(11):2328-30

Ketamine [letter] Bion J. **Anaesthesia** 1985 Mar;40(3):306-7

Intrathecal ketamine for war surgery. A preliminary study under field conditions. Bion JF. **Anaesthesia** 1984 Oct; 39(10):1023-8

Ketamine use in a burn center: hallucinogen or debridement facilitator? Martinez S, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):45-9

Use of ketamine anaesthesia in children undergoing computerised tomography. Koay CK, et al. **J Singapore Paediatr Soc** 1984;26(3-4):155-8

Evaluation of ketamine, ketamine-xylazine and ketamine-diazepam anesthesia in the ferret. Moreland AF, et al. **Lab Anim Sci** 1985 Jun;35(3):287-90

Ketamine anaesthesia for Caesarean section [letter] Awojobi OA. **Trop Doct** 1984 Oct;14(4):165

Avian anaesthesia [letter] **Vet Rec** 1984 Aug 18;115(7):159

Use of carfentanil and a ketamine-xylazine mixture to immobilise wild grey seals (Halichoerus grypus). Baker JR, et al. **Vet Rec** 1985 Feb 23;116(8):208-10

Evaluation of xylazine-ketamine anaesthesia in buffaloes (Bubalus bubalis). Singh AP, et al. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):54-8

[Use of ketalar--diazepam in the anesthesia of labor] Mitev L, et al. **Akush Ginekol (Sofiia)** 1984;23(4):327-30 (Eng. Abstr.) **(Bul)**

[A narcotic ketamine-flunitrazepam combination for cesarean section] Bonnardot JP. **Cah Anesthesiol** 1984 Dec;32(8 Suppl):51-3 **(Fre)**

[Diazepam and ketamine for voluntary interruptions of pregnancy] Bovyn G. **Cah Anesthesiol** 1982 Dec; 30(8):1019-25 **(Fre)**

[Importance of the ketamine-flunitrazepam combination in elective abortion] Cordebar R. **Cah Anesthesiol** 1984 Dec; 32(8 Suppl):59-63 **(Fre)**

[Comparative study of analgesia and plasma level following rectal, intramuscular and intravenous administration of ketamine] Jantzen JP, et al. **Anaesthesist** 1985 Jul; 34(7):346-51 (Eng. Abstr.) **(Ger)**

[Analgesia and anesthesia with ketamine at the emergency site and in transport] Arndt H. **Z Arztl Fortbild (Jena)** 1984; 78(14):577-9 **(Ger)**

[Ketamine anesthesia for a patient with epidermolysis bullosa dystrophica] Amano N, et al. **Masui** 1984 Aug;33(8):889-93 (Eng. Abstr.) **(Jpn)**

[General anesthesia for caesarean section in a patient with acute intermittent porphyria and psychogenic reaction] Ochiai Y, et al. **Masui** 1985 Apr;34(4):500-7 (Eng. Abstr.) **(Jpn)**

[Combined general anesthesia based on intravenous drip infusion of ketamine in pediatric surgical neurology] Kechina VV, et al. **Anesteziol Reanimatol** 1984 Sep-Oct; (5):64-6 (Eng. Abstr.) **(Rus)**

[Combined ketalar anesthesia and controlled respiration during thymectomy on myasthenia patients] Skripnichenko DF, et al. **Klin Khir** 1984 Dec;(12):26 (Eng. Abstr.) **(Rus)**

[Ketalar anesthesia in traumatic and hemorrhagic shock] Martinkus AV, et al. **Voen Med Zh** 1984 Nov;(11):48-9 **(Rus)**

[Ketamine anesthesia in traumatology and orthopedics] Shvets AI, et al. **Voen Med Zh** 1984 Nov;(11):50-1 **(Rus)**

ADMINISTRATION & DOSAGE

Ataranalgesia. A review. Langrehr D, et al. **Acta Anaesthesiol Belg** 1984 Jun;35(2):165-87 (89 ref.)

Induction dose-response curves for midazolam and ketamine in premedicated ASA class III and IV patients. Gross JB, et al. **Anesth Analg** 1985 Aug;64(8):795-800

Subanesthetic doses of ketamine, diazepam, and nitrous oxide for adult outpatient sedation. Tucker MR, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):668-72

Size, time, ketamine and birds [letter] Kirkwood JK, et al. **Vet Rec** 1984 Oct 13;115(15):390-1

[Postoperative analgesia by the continuous peridural administration of ketamine (letter)] Saissy JM. **Ann Fr Anesth Reanim** 1985;4(4):390-1 **(Fre)**

[Perfused ketamine] Gregoriades S, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):41-2 **(Fre)**

[Ketamine via rectal route for the induction of pediatric anesthesia] Malaquin JM. **Cah Anesthesiol** 1984 Sep; 32(5):373-4 (Eng. Abstr.) **(Fre)**

[Use of ketamine for epidural anesthesia (letter)] Amiot JF, et al. **Presse Med** 1985 Feb 2;14(4):228 **(Fre)**

[Short-term obstetrical anesthesia. Study of the tiapride-ketamine combination] Daussy D, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):33-6 (Eng. Abstr.) **(Fre)**

[Effectiveness of combined anesthesia using drip infusion of ketamine during abdominal surgery] Grinenko TF, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):44-7 (Eng. Abstr.) **(Rus)**

[Anesthesia during surgery in a provincial hospital] Orakhelashvili GA. **Anesteziol Reanimatol** 1984 Nov-Dec; (6):60-1 (Eng. Abstr.) **(Rus)**

[Effect of ketamine-seduxen general anesthesia on neuroendocrine reactions in patients operated on for pituitary adenoma] Usvatova IIa, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):16-20 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Gastric distension following ketamine [letter] Thompson MC. **Anaesthesia** 1984 Nov;39(11):1151-2

Hemodynamic effects of ketamine in children with congenital heart disease. Morray JP, et al. **Anesth Analg** 1984 Oct; 63(10):895-9

Ketamine: effect of literacy on emergence phenomena. Currie MA, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):424-5

Porphyrinogenicity of etomidate and ketamine as continuous infusions. Screening in the DDC-primed rat model. Harrison GG, et al. **Br J Anaesth** 1985 Apr;57(4):420-3

ANALOGS & DERIVATIVES

Synthesis of new arylanalogs of ketamine. Burak K, et al. **Farmaco [Sci]** 1985 Apr;40(4):285-98

Aminotetralone analogues of ketamine: synthesis and evaluation of hypnotic and locomotor properties in mice. Yang DJ, et al. **J Med Chem** 1985 Sep;28(9):1361-5

ANTAGONISTS & INHIBITORS

Effect of naloxone on loss of consciousness induced by i.v. ketamine [letter] Amiot JF, et al. **Br J Anaesth** 1985 Sep; 57(9):930

Effect of yohimbine on xylazine-ketamine anesthesia in cats. Hsu WH, et al. **J Am Vet Med Assoc** 1984 Oct 15;

185(8):886-8

[Medical regulation of recovery of consciousness after single-agent anesthesia with ketamine] Abramchenko VV, et al. **Voen Med Zh** 1984 Nov;(11):24-6 **(Rus)**

METABOLISM

Ketamine kinetics in unmedicated and diazepam-premedicated subjects. Domino EF, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):645-53

Kinetics of ketamine and its metabolites in rabbits with normal and impaired renal function. Pedraz JL, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar;10(1):33-9

Ketamine metabolism: identification and synthesis of a deaminated product. Lai I, et al. **J Pharm Sci** 1985 Apr;74(4):486-8

PHARMACODYNAMICS

Influence of two different anaesthetic agents on the newborn and the correlation between foetal oxygenation and induction-delivery time in elective caesarean section. Bernstein K, et al. **Acta Anaesthesiol Scand** 1985 Feb;29(2):157-60

Effects of ketamine on the adaptive responses of second-order vestibular neurons of the cat. Ryu JH, et al. **Am J Otolaryngol** 1984 Jul-Aug;5(4):262-5

Echocardiographic reference values in healthy cats sedated with ketamine hydrochloride. Fox PR, et al. **Am J Vet Res** 1985 Jul;46(7):1479-84

Change in M-mode echocardiographic values in cats given ketamine. Jacobs G, et al. **Am J Vet Res** 1985 Aug;46(8):1712-3

Comparison of ketamine and thiopental in healthy volunteers: effects on mental status, mood, and personality. Moretti RJ, et al. **Anesth Analg** 1984 Dec;63(12):1087-96

Pulmonary and systemic hemodynamic responses to ketamine in infants with normal and elevated pulmonary vascular resistance. Hickey PR, et al. **Anesthesiology** 1985 Mar;62(3):287-93

The effects of ketamine on venous capacitance in rats. Hoka S, et al. **Anesthesiology** 1985 Feb;62(2):145-8

Cardiovascular effects of ketamine in humans with cervical or lumbar epidural blockade. Mayumi T, et al. **Anesthesiology** 1985 Jan;62(1):39-43

Cardiovascular effects of ketamine given to relieve penile turgescence after high doses of fentanyl. Roy R. **Anesthesiology** 1984 Nov;61(5):610-3

The effect of ketamine on the functional residual capacity in young children. Shulman D, et al. **Anesthesiology** 1985 May;62(5):551-6

Ketamine HCL and diazepam anaesthesia of a leopard seal (Hydrurga leptonyx) for the biopsy of multiple fibromatous epulis. Gales NJ. **Aust Vet J** 1984 Sep;61(9):295-6

Effects of ketamine and three other anaesthetics on spinal reflexes and inhibitions in the cat. Lodge D, et al. **Br J Anaesth** 1984 Oct;56(10):1143-51

Comparative pharmacology of the ketamine isomers. Studies in volunteers. White PF, et al. **Br J Anaesth** 1985 Feb;57(2):197-203

Ketamine-inhibition of calcium-induced contractions in depolarized rat uterus: a comparison with other calcium antagonists. Calixto JB, et al. **Br J Pharmacol** 1985 May;85(1):189-95

Prolongation of inhibitory postsynaptic currents by pentobarbitone, halothane and ketamine in CA1 pyramidal cells in rat hippocampus. Gage PW, et al. **Br J Pharmacol** 1985 Jul;85(3):675-81

Effects of ketamine on experimental animal models of aggression. Takahashi RN, et al. **Braz J Med Biol Res** 1984;17(2):171-8

Ketamine: evidence of tissue specific inhibition of neuronal and extraneuronal catecholamine uptake processes. Lundy PM, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):298-303

The effect of althesin, ketamine or pentothal on renal function in saline loaded rats. Chen CF, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):99-105

Effects of electroejaculation and ketamine-HC1 on serum cortisol, progesterone, and testosterone in the male cat. Carter KK, et al. **J Androl** 1984 Nov-Dec;5(6):431-7

Ketamine: behavioral effects of subanesthetic doses. Ghoneim MM, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):70-7

The effects of ketamine anesthesia on glucose clearance in African green monkeys. Brady AG, et al. **J Med Primatol** 1985;14(2):99-107

Effects of ketamine anaesthesia, stress and repeated bleeding on the haematology of vervet monkeys. Wall HS, et al. **Lab Anim** 1985 Apr;19(2):138-44

The effects of ketamine, phencyclidine and lidocaine on catecholamine secretion from cultured bovine adrenal chromaffin cells. Purifoy JA, et al. **Life Sci** 1984 Oct 29;35(18):1851-7

An N-methylaspartate receptor-mediated synapse in rat cerebral cortex: a site of action of ketamine? Thomson AM, et al. **Nature** 1985 Feb 7-13;313(6002):479-81

Cross tolerance between ketamine and morphine to some pharmacological and biochemical effects. De Simoni MG, et al. **Neuropharmacology** 1985 Jun;24(6):541-5

Effect of ketamine on amino acid-evoked release of acetylcholine from rat cerebral cortex in vitro. Lodge D, et al. **Neurosci Lett** 1985 May 23;56(3):371-5

Ketamine analgesia is not related to an opiate action in the periaqueductal gray region of the rat brain. Smith DJ, et al. **Pain** 1985 Mar;21(3):253-65

Ketamine-induced locomotion in rats in an open-field. Hetzler BE, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):653-5

Effects of ketamine on the catecholamine containing cells of the adrenal gland of the lizard Podarcis s. sicula Raf. Varano L, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):145-8

Cardiopulmonary effects of a xylazine and ketamine combination in pigs. Trim CM, et al. **Res Vet Sci** 1985 Jan;38(1):30-4

Distribution of cardiac output in the late pregnant guinea pig during anaesthesia with ketamine. Mårtensson L, et al. **Z Versuchstierkd** 1984;26(4):175-9

[Analgesic action of intrathecal ketamine in dogs] Carrasco MS, et al. **Agressologie** 1984 Dec;25(12):1303-7 (Eng. Abstr.) **(Fre)**

[Comparative study of analgesia and plasma level following rectal, intramuscular and intravenous administration of ketamine] Jantzen JP, et al. **Anaesthesist** 1985 Jul;34(7):346-51 (Eng. Abstr.) **(Ger)**

[Intracranial pressure during ketamine administration with spontaneous respiration. An animal experimental model] Pfenninger E, et al. **Anaesthesist** 1985 Apr;34(4):191-6 (Eng. Abstr.) **(Ger)**

[Measurement of serum prolactin and the effect of ketamine anesthesia on serum prolactin levels in cynomolgus monkeys (Macaca fascicularis)] Yoshida T, et al. **Jikken Dobutsu** 1985 Apr;34(2):165-71 (Eng. Abstr.) **(Jpn)**

[Effect of ketamine on uterine contraction after administration of oxytocin] Opacki W. **Wiad Lek** 1985 Jan 15;38(2):102-8 (Eng. Abstr.) **(Pol)**

[Action of ketamine and hexenal on excitable membranes of a neuromuscular preparation in the frog] Seliverstov GA. **Farmakol Toksikol** 1984 Jul-Aug;47(4):46-51 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Ketamine and bronchospasm [letter] Sheref SE. **Anaesthesia** 1985 Jul;40(7):701-2

Ketamine for treatment of priapism [letter] Villalonga A, et al. **Anesth Analg** 1985 Oct;64(10):1033-4

Ketamine in acute asthma [letter] Robinson PN. **Lancet** 1985 Mar 9;1(8428):574

KETO ACIDS

Oxime formation between alpha-keto acids and L-canaline. Cooper AJ. **Arch Biochem Biophys** 1984 Sep;233(2):603-10

ANALYSIS

Fluorescent analysis of alpha-keto acids in serum and urine by high-performance liquid chromatography. Koike K, et al. **Anal Biochem** 1984 Sep;141(2):481-7

Oxidative determination of 14C-labeled 2-oxo acids. Schadewaldt P, et al. **Anal Biochem** 1984 Dec;143(2):308-15

Branched-chain alpha-keto acid analysis in biological fluids: preparative clean-up by anion-exchange and analysis by capillary gas chromatography. Early RJ, et al. **J Chromatogr** 1984 Sep 14;310(1):1-10

BIOSYNTHESIS

pH regulation of endogenous acid production in subjects with chronic ketoacidosis. Hood VL. **Am J Physiol** 1985 Aug;249(2 Pt 2):F220-6

BLOOD

Measurement of alpha-keto acids in plasma using an amino acid analyzer. Robins SP, et al. **Anal Biochem** 1984 Oct;142(1):24-7

Serum branched-chain amino and keto acid response to a protein-rich meal in man. Schauder P, et al. **Ann Nutr Metab** 1984;28(6):350-6

Gas chromatographic determination of serum branched-chain alpha-keto acids derivatized by extractive alkylation. Penttilä I, et al. **J Chromatogr** 1985 Mar 22;338(2):265-72

Serum branched chain amino and keto acid response to fasting in humans. Schauder P, et al. **Metabolism** 1985 Jan;34(1):58-61

The relationship between the branched chain amino acids and their alpha-ketoacids in maple syrup urine disease. Snyderman SE, et al. **Pediatr Res** 1984 Sep;18(9):851-3

CHEMICAL SYNTHESIS

An improved method for the chemical synthesis of steroidal 20-oxo-21-oic acids. Monder C, et al. **Steroids** 1983 Nov;42(5):549-53

METABOLISM

Spermatogenic cells in the germinal epithelium utilize alpha-ketoisocaproate and lactate, produced by Sertoli cells from leucine and glucose. Grootegoed JA, et al. **Ann NY Acad Sci** 1984;438:557-60

The regulation of hepatic gluconeogenesis using alpha-ketoisovalerate and propionate as precursors. Patel TB, et al. **Arch Biochem Biophys** 1984 Sep;233(2):362-9

Metabolism of valine and 3-methyl-2-oxobutanoate by the isolated perfused rat kidney. Miller RH, et al. **Biochem J** 1984 Nov 15;224(1):109-16

Transport of 2-oxoisocaproate in isolated hepatocytes and liver mitochondria. Nałecz KA, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):1-11

Metabolic conversion of alpha-keto valine to valine in patients with chronic renal failure. Arai J, et al. **Clin Nephrol** 1985 May;23(5):236-40

Lithium-induced changes in brain amino acids, alpha-ketoacids & transaminases. Khan SA, et al. **Indian J Med Res** 1984 Apr;79:514-9

Interaction of various metabolites and agents with branched-chain 2-oxo acid oxidation in rat and human muscle in vitro. Wagenmakers AJ, et al. **Int J Biochem** 1984;16(9):971-6

Interaction of octanoate with branched-chain 2-oxo acid oxidation in rat and human muscle in vitro. Wagenmakers AJ, et al. **Int J Biochem** 1984;16(9):977-84

PHARMACODYNAMICS

Regulation of hepatic glutamate metabolism. Role of 2-oxoacids in glutamate release from isolated perfused rat liver. Häussinger D, et al. **Eur J Biochem** 1984 Sep 17;143(3):491-7

Maintenance of neonatal endocrine cells of the rat: III. Effect of 2-deoxy-2-fluoroglucose on the responses to glucose, leucine and 2-ketoisocaproate. Wakabayashi S, et al. **Horm Metab Res** 1984 Dec;16(12):672-3

Suppression by 2-ketoisocaproate of the insulinotropic action of hypoglycemic sulfonylureas. Malaisse WJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):265-84

PHYSIOLOGY

Low pH and ketoacids induce insulin receptor binding and postbinding alterations in cultured 3T3 adipocytes. Van Putten JP, et al. **Diabetes** 1985 Aug;34(8):744-50

THERAPEUTIC USE

Albumin metabolism and nutritional status of uremic patients on a long-term very-low-protein diet supplemented with essential amino acids and keto analogues. Mariani G, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):237-44

Influence of phosphate restriction, keto-acids and vitamin D on the progression of chronic renal failure. Fröhling PT, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:561-6

[Branched-chain amino acids and their ketoanalogs: therapeutic uses in patients with chronic liver or kidney failure] Bode JC. **Internist (Berlin)** 1985 Jul;26(7):388-98 **(Ger)**

[Controlling renal osteopathy with keto acids] Schmicker R, et al. **Z Urol Nephrol** 1984 Nov;77(11):661-70 (Eng. Abstr.) **(Ger)**

KETO SUGARS see **KETOSES**

KETOACID-LYASES

An enzymatic method for the determination of enantiomeric composition and absolute configuration of deuterated or tritiated succinic acid. Ducrocq C, et al. **Anal Biochem** 1984 Sep;141(2):418-22

Evidence from 13C NMR for polarization of the carbonyl of oxaloacetate in the active site of citrate synthase. Kurz LC, et al. **Biochemistry** 1985 Jan 15;24(2):452-7

ANALYSIS

3-Hydroxy-3-methylglutaryl-CoA synthase from chicken liver. Miziorko HM. **Methods Enzymol** 1985;110:19-26

ANTAGONISTS & INHIBITORS

Comparative inhibition of bacterial and microsomal 3-ketodihydrosphingosine synthetases by L-cycloserine and other inhibitors. Sundaram KS, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):211-3

Active-site-directed inhibition of 3-hydroxy-3-methylglutaryl coenzyme A synthase by 3-chloropropionyl coenzyme A. Miziorko HM, et al. **Biochemistry** 1985 Jun 18;24(13):3174-9

BIOSYNTHESIS

Starvation for ilvB operon leader amino acids other than leucine or valine does not increase acetohydroxy acid synthase activity in Escherichia coli. Tsui P, et al. **J Bacteriol** 1985 Jun;162(3):1314-6

DEFICIENCY

A child with acute pancreatitis and recurrent hypoglycemia due to 3-hydroxy-3-methylglutaryl-CoA lyase deficiency. Wilson WG, et al. **Eur J Pediatr** 1984 Sep;142(4):289-91

3-hydroxy-3-methylglutaric, 3-methylglutaconic and 3-methylglutaric acids can be non-specific indicators of metabolic disease. Hammond J, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:117-8

3-Hydroxy-3-methylglutaric aciduria. Greene CL, et al. **J Neurogenet** 1984 Apr;1(2):165-73

GENETICS

The ilvIH operon of Escherichia coli K-12. Identification of the gene products and recognition of the translational start by polypeptide microsequencing. Lago CT, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):74-9

Isolation of the nuclear yeast genes for citrate synthase and fifteen other mitochondrial proteins by a new screening method. Suissa M, et al. **EMBO J** 1984 Aug;3(8):1773-81

Total deletion of yeast LEU4: further evidence for a second alpha-isopropylmalate synthase and evidence for tight LEU4-MET4 linkage. Chang LF, et al. **Gene** 1985; 33(3):333-9

Cloning and characterization of yeast Leu4, one of two genes responsible for alpha-isopropylmalate synthesis. Chang LF, et al. **Genetics** 1984 Sep;108(1):91-106

Molecular cloning of a malyl coenzyme A lyase gene from Pseudomonas sp. strain AM1, a facultative methylotroph. Fulton GL, et al. **J Bacteriol** 1984 Nov;160(2):718-23

ilvB-encoded acetolactate synthase is resistant to the herbicide sulfometuron methyl. LaRossa RA, et al. **J Bacteriol** 1984 Oct;160(1):391-4

Lesions in citrate synthase that affect aerobic nitrogen fixation by Azotobacter chroococcum. Ramos JL, et al. **J Bacteriol** 1985 May;162(2):746-51

Regulation of expression of the ilvB operon in Salmonella typhimurium. Weinberg RA, et al. **J Bacteriol** 1984 Dec; 160(3):833-41

Nucleotide sequence of the yeast ILV2 gene which encodes acetolactate synthase. Falco SC, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4011-27

The ilvB locus of Escherichia coli K-12 is an operon encoding both subunits of acetohydroxyacid synthase I. Friden P, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3979-93

The nucleotide sequence of the ilvBN operon of Escherichia coli: sequence homologies of the acetohydroxy acid synthase isozymes. Wek RC, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3995-4010

Characterization of rate-controlling steps in vivo by use of an adjustable expression vector. Walsh K, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3577-81

IMMUNOLOGY

Citrate synthase: an immunochemical investigation of interspecies diversity. Pullen AM, et al. **FEBS Lett** 1985 Mar 11;182(1):163-6

ISOLATION & PURIFICATION

Concomitant purification of three porcine heart mitochondrial enzymes: citrate synthase, aspartate aminotransferase, and malate dehydrogenase. McEvily AJ, et al. **Anal Biochem** 1985 Jan;144(1):159-64

Rat liver 4-hydroxy-2-ketoglutarate aldolase: purification and kinetic characterization. Anderson M, et al. **Arch Biochem Biophys** 1985 Jan;236(1):82-97

3-Hydroxy-3-methylglutaryl-coenzyme A synthase from ox liver. Purification, molecular and catalytic properties. Lowe DM, et al. **Biochem J** 1985 Apr 15;227(2):591-9

Caenorhabditis elegans: purification of isocitrate lyase and the isolation and cell-free translation of poly(A+)RNA. Jameel S, et al. **Exp Parasitol** 1985 Jun;59(3):337-46

Purification and properties of N-acetylneuraminate lyase from Escherichia coli. Uchida Y, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):507-22

METABOLISM

Characterisation of the citrate synthase reaction with propionyl-CoA. Brandänge S, et al. **Acta Chem Scand [B]** 1984;38(8):695-700

Modification of the active site of isocitrate lyase from watermelon cotyledons. Jameel S, et al. **Arch Biochem Biophys** 1985 Jan;236(1):72-81

Role of metal ions in activity and site:site heterogeneity in isocitrate lyase of castor seedling endosperm. Malhotra OP, et al. **Arch Biochem Biophys** 1984 Dec;235(2):612-7

Number and function of sulphydryl groups of N-acetylneuraminate lyase. Kolisis FN. **Arch Int Physiol Biochim** 1985 Jun;93(2):89-92

Characterization of citrate lyase from Clostridium sporosphaeroides. Quentmeier A, et al. **Arch Microbiol** 1985 Feb;141(1):85-90

A basal unit of valine-sensitive acetolactate synthase of Neurospora crassa. Tanaka H, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):418-23

3-Hydroxy-3-methylglutaryl-coenzyme A synthase from ox liver. Properties of its acetyl derivative. Lowe DM, et al. **Biochem J** 1985 Apr 15;227(2):601-7

Subcellular localization and tissue distribution of sialic acid-forming enzymes. N-acetylneuraminate-9-phosphate synthase and N-acetylneuraminate 9-phosphatase. Van Rinsum J, et al. **Biochem J** 1984 Oct 15;223(2):323-8

Hysteretic behaviour of citrate synthase. Isotopically chiral citryl-CoA reveals increased number of reversals of the synthase condensation step under steady-state conditions. Löhlein-Werhahn G, et al. **Eur J Biochem** 1985 Jul 1; 150(1):79-84

Formation of an enzyme-bound carbanion in the reaction catalysed by isocitrate lyase. Malhotra OP, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):65-7

Steady state kinetics and negative cooperativity in the action of isocitrate lyase. Malhotra OP, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):99-105

The branch point effect. Ultrasensitivity and subsensitivity to metabolic control. LaPorte DC, et al. **J Biol Chem** 1984 Nov 25;259(22):14068-75

Interaction between citrate synthase and thiolase. Sumegi B, et al. **J Biol Chem** 1985 Jan 10;260(1):188-90

Evidence for an essential arginine residue in the active site of Escherichia coli 2-keto-4-hydroxyglutarate aldolase. Modification with 1,2-cyclohexanedione. Vlahos CJ, et al. **J Biol Chem** 1985 May 10;260(9):5480-5

The effect of maternal diet during late pregnancy on postnatal changes in blood and liver metabolites and hepatic hydroxymethylglutaryl-CoA synthase activity in the offspring. Caswell AM, et al. **J Dev Physiol** 1985 Apr; 7(2):119-34

[Lipoamide dehydrogenase, citrate synthase and beta-hydroxyacyl-CoA-dehydrogenase of skeletal muscle. V. Effect of storage of muscles from sheep, game and poultry at +2 degrees C on activity and subcellular distribution] Gottesmann P, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):301-4 (Eng. Abstr.) **(Ger)**

[Lipoamide dehydrogenase, citrate synthase and beta-hydroxyacyl-CoA-dehydrogenase in skeletal muscles. IV. The effect of storage of bovine and swine muscles at 2 degrees C on their activity and subcellular distribution] Hamm R, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):205-9 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

Post-irradiation inactivation, protection, and repair of the sulfhydryl enzyme malate synthase. Effects of formate, superoxide dismutase, catalase, and dithiothreitol. Durchschlag H, et al. **Radiat Environ Biophys** 1985; 24(2):99-111

A small-angle X-ray scattering study on pre-irradiated malate synthase. The influence of formate, superoxide dismutase, and catalase on the X-ray induced aggregation of the enzyme. Zipper P, et al. **Z Naturforsch [C]** 1985 May-Jun;40(5-6):364-72

KETOCHOLANIC ACID see **DEHYDROCHOLIC ACID**

KETOCHOLESTEROLS see under **CHOLESTEROL**

KETOCONAZOLE

Ketoconazole: an orally effective antifungal agent. Mechanism of action, pharmacology, clinical efficacy and adverse effects. Smith EB, et al. **Pharmacotherapy** 1984 Jul-Aug;4(4):199-204 (64 ref.)

ADMINISTRATION & DOSAGE

Oral ketoconazole as an alternative to griseofulvin in recalcitrant dermatophyte infections and onychomycosis. Svejgaard E. **Acta Derm Venereol (Stockh)** 1985;65(2):143-9

Contraindication of ketoconazole in pregnancy [letter] McGregor JA, et al. **Am J Obstet Gynecol** 1984 Nov 15; 150(6):793-4

Pharmacokinetics of ketoconazole and treatment evaluation in candidal infections. Bardare M, et al. **Arch Dis Child** 1984 Nov;59(11):1068-71

High-dose ketoconazole therapy and adrenal and testicular function in humans. Pont A, et al. **Arch Intern Med** 1984 Nov;144(11):2150-3

Topical ketoconazole (2% dermatological cream) for the treatment of superficial dermatomycoses. Lopez-Gomez S, et al. **Chemioterapia** 1984 Jun;3(3):188-91

Use of a combination of an anti-inflammatory steroid, an antibacterial agent and an antifungal in dermatological practice. Pellerano S. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):215-8

Topical tioconazole versus systemic ketoconazole treatment of vaginal candidiasis. Rohde-Werner H. **J Int Med Res** 1984;12(5):298-302

Treatment of seborrhoeic dermatitis with topical ketoconazole [letter] Farr PM, et al. **Lancet** 1984 Dec 1; 2(8414):1271-2

High-dose ketoconazole therapy in prostatic cancer. A pilot study. Nicolle P, et al. **S Afr Med J** 1985 Jun 1;67(22):888-9

Oral Ketoconazole--a new treatment for Tinea Versicolor. Giam YC, et al. **Singapore Med J** 1984 Jun;25(3):157-60

[A case of cryptococcal meningitis improved in the treatment of high dose ketoconazole] Ogushi F, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):405-10 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Ketoconazole-induced increase in estradiol-testosterone ratio. Probable explanation for gynecomastia. Pont A, et al. **Arch Intern Med** 1985 Aug;145(8):1429-31

Ketoconazole: a reappraisal [editorial] Hay RJ. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):260-1

Ketoconazole labeling revised. **FDA Drug Bull** 1984 Aug; 14(2):17-8

Ketoconazole-induced fulminant hepatitis. Bercoff E, et al. **Gut** 1985 Jun;26(6):636-8

Potential toxicity of ketoconazole [letter] Tabor E. **J Infect Dis** 1985 Jul;152(1):233

Reversible adrenal insufficiency induced by ketoconazole. Tucker WS Jr, et al. **JAMA** 1985 Apr 26;253(16):2413-4

Hyponatraemia and confusion in a patient taking ketoconazole [letter] Pillans PI, et al. **Lancet** 1985 Apr 6; 1(8432):821-2

Adrenal hypofunction in patients taking ketoconazole [letter] White MC, et al. **Lancet** 1985 Jan 5;1(8419):44-5

[Ketoconazole (Nizoral)--potent oral antimycotic drug. What should one know about its side effects?] Arnold E. **Fortschr Med** 1984 Sep 6;102(33):66-7 **(Ger)**

ANALOGS & DERIVATIVES

In vitro and in vivo activities of ketoconazole and itraconazole against Pityrosporum orbiculare. Faergemann J. **Antimicrob Agents Chemother** 1984 Nov;26(5):773-4

Comparison of itraconazole and ketoconazole in the treatment of experimental candidal vaginitis. Sobel JD, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):266-7

Itraconazole, a new triazole that is orally active in aspergillosis. Van Cutsem J, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):527-34

Treatment of chromomycosis with itraconazole [letter] Heyl T. **Br J Dermatol** 1985 Jun;112(6):728-9

Itraconazole treatment of murine aspergillosis. Graybill JR, et al. **Sabouraudia** 1985 Jun;23(3):219-23

R 51211 (itraconazole) therapy of murine cryptococcosis. Graybill JR, et al. **Sabouraudia** 1984;22(6):445-53

The action of itraconazole and ketoconazole on growth and sterol synthesis in Aspergillus fumigatus and Aspergillus niger. Marichal P, et al. **Sabouraudia** 1985 Feb;23(1):13-21

ANALYSIS

Simplified bioassay method for measurement of flucytosine or ketoconazole. Bodet CA 3d, et al. **J Clin Microbiol** 1985 Aug;22(2):157-60

BLOOD

Interaction of ketoconazole with rifampin and isoniazid [letter] Craven PC. **N Engl J Med** 1985 Apr 18;312(16):1061

METABOLISM

Ketoconazole kinetics in chronic peritoneal dialysis. Johnson RJ, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):325-9

PHARMACODYNAMICS

Endocrinological effects of single daily ketoconazole administration in male beagle dogs. De Coster R, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):275-81

In vitro and in vivo activities of ketoconazole and itraconazole against Pityrosporum orbiculare. Faergemann J. **Antimicrob Agents Chemother** 1984 Nov;26(5):773-4

Identification of 17 alpha,20 alpha-dihydroxyprogesterone in testicular extracts after incubation with ketoconazole. Lauwers WF, et al. **Biomed Mass Spectrom** 1985 Jun; 12(6):296-301

Effect of ketoconazole on hepatic oxidative drug metabolism. Brown MW, et al. **Clin Pharmacol Ther** 1985 Mar; 37(3):290-7

The effect of ketoconazole on hepatic oxidative drug metabolism in the rat in vivo and in vitro. Meredith CG, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):156-62

Ketoconazole: a potent inhibitor of cytochrome P-450-dependent drug metabolism in rat liver. Sheets JJ, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):603-6

In vitro inhibition of testosterone biosynthesis by ketoconazole. Sikka SC, et al. **Endocrinology** 1985 May; 116(5):1920-5

Effect of ketoconazole on the in-vitro lymphocyte transformation response to mitogen stimulation [letter] Manzella JP, et al. **J Antimicrob Chemother** 1984 Dec; 14(6):669-70

Inhibition of hyphal development in Trichophyton mentagrophytes arthroconidia by ketoconazole and miconazole. Scott EM, et al. **J Antimicrob Chemother** 1985 Apr;15(4):405-15

The effect of ketoconazole on amphotericin B in a model of disseminated aspergillosis. Schaffner A, et al. **J Infect Dis** 1985 May;151(5):902-10

Inhibition of in vitro HBsAg production by amphotericin B and ketoconazole. Pottage JC Jr, et al. **J Med Virol** 1985 Jul;16(3):275-81

The effectiveness, in vitro, of miconazole and ketoconazole combined with tissue conditioners in inhibiting the growth of Candida albicans. Quinn DM. **J Oral Rehabil** 1985 Mar; 12(2):177-82

Antifungal properties of 3-n-alkyn-1-ols and synergism with 2-n-alkyn-1-ols and ketoconazole. Gershon H, et al. **J Pharm Sci** 1985 May;74(5):556-8

Ketoconazole and adrenocortical secretion [letter] Dandona P, et al. **Lancet** 1985 Jan 26;1(8422):227

Pharmacokinetics of ketoconazole-antipyrine interaction [letter] D'Mello AP, et al. **Lancet** 1985 Jul 27; 2(8448):209-10

Ketoconazole and cholesterol synthesis [letter] Miettinen TA, et al. **Lancet** 1984 Dec 1;2(8414):1271

Sterols of ketoconazole-inhibited Leishmania mexicana mexicana promastigotes. Goad LJ, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):257-79

Relationship between serotype, sensitivity to ketoconazole and inhibition of pseudomycelial growth in Candida albicans. Auger P, et al. **Mykosen** 1984 Oct;27(10):498-505

Interaction of ketoconazole with rifampin and isoniazid. Engelhard D, et al. **N Engl J Med** 1984 Dec 27; 311(26):1681-3

Ketoconazole. Mechanism of action, spectrum of activity, pharmacokinetics, drug interactions, adverse reactions and therapeutic use. Van Tyle JH. **Pharmacotherapy** 1984 Nov-Dec;4(6):343-73 (149 ref.)

Ketoconazole an inhibitor of the cytochrome P-450 dependent testosterone biosynthesis. Vanden Bossche H, et al. **Prog Clin Biol Res** 1985;185A:187-96

Depression of ovarian estradiol-17 beta following single oral dose of ketoconazole. Watanabe H, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):141-4

In vitro susceptibility of Paracoccidioides brasiliensis yeast form to antifungal agents. Restrepo A, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):322-8

Chronic murine paracoccidioidomycosis: effect of ketoconazole on clearance of Paracoccidioides brasiliensis and immune response. Hoyos GL, et al. **Sabouraudia** 1984; 22(5):419-26

The action of itraconazole and ketoconazole on growth and sterol synthesis in Aspergillus fumigatus and Aspergillus niger. Marichal P, et al. **Sabouraudia** 1985 Feb;23(1):13-21

[How does ketoconazole affect testosterone metabolism?] Krause W, et al. **Z Hautkr** 1985 Jul 15;60(14):1147-55 (Eng. Abstr.) **(Ger)**

[The effect of ketoconazole and some other inhibitors of steroidogenesis on P-450 11 beta-catalyzed reactions] Nagai K, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Feb 20;61(2):90-6 (Eng. Abstr.) **(Jpn)**

POISONING

[Is ketoconazole hepatotoxic at high doses? (letter)] Pérez-Mateo M, et al. **Med Clin (Barc)** 1984 Dec 1; 83(18):780 **(Spa)**

THERAPEUTIC USE

Effective systemic antifungal agents. Lefrock JL, et al. **Am Fam Physician** 1984 Dec;30(6):162-7

Treatment of Aspergillus fumigatus keratitis in rabbits with oral and topical ketoconazole [letter] Ishibashi Y. **Am J Ophthalmol** 1985 Aug 15;100(2):356

Treatment of Aspergillus fumigatus keratitis in rabbits with oral and topical ketoconazole. Komadina TG, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):476-9

Topical ketoconazole for fungal keratitis. Torres MA, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):293-8

Ketoconazole and resistant Blastocystis hominis infection [letter] Cohen AN. **Ann Intern Med** 1985 Sep;103(3):480-1

Amphotericin B resistance in Candida [letter] Fisher JF, et al. **Ann Intern Med** 1985 Apr;102(4):563-4

Comparison of itraconazole and ketoconazole in the treatment of experimental candidal vaginitis. Sobel JD, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):266-7

Infantile epidermodysplastic erythema gyratum responsive to imidazoles. A new entity? Saurat JH, et al. **Arch Dermatol** 1984 Dec;120(12):1601-3

Treatment of central nervous system fungal infection with ketoconazole. Goodpasture HC, et al. **Arch Intern Med** 1985 May;145(5):879-80

Ketoconazole. Use in the treatment of ectopic adrenocorticotropic hormone production and Cushing's syndrome in small-cell lung cancer. Shepherd FA, et al. **Arch Intern Med** 1985 May;145(5):863-4

Ketoconazole metamorphosis. An antimicrobial becomes an endocrine drug. Stevens DA. **Arch Intern Med** 1985 May; 145(5):813-5

The response of seborrhoeic dermatitis to ketoconazole. Ford GP, et al. **Br J Dermatol** 1984 Nov;111(5):603-7

A comparative double blind study of ketoconazole and griseofulvin in dermatophytosis. Hay RJ, et al. **Br J Dermatol** 1985 Jun;112(6):691-6

Effect of a high dosage of ketoconazole all or not combined with ovariectomy on N-nitroso-N-methylurea-induced mammary cancer in the rat. van Cauteren H, et al. **Cancer Lett** 1984 Sep;24(2):193-200

An additional case of pulmonary Pseudallescheria boydii improved with ketoconazole therapy [letter] Pluss JL, et al. **Chest** 1985 Jun;87(6):843

Short course ketoconazole therapy in pityriasis versicolor. Hay RJ, et al. **Clin Exp Dermatol** 1984 Nov;9(6):571-3

Cutaneous lymphatic sporotrichosis treated with ketoconazole--report of an infection acquired in the United Kingdom. Reshad H, et al. **Clin Exp Dermatol** 1984 Nov; 9(6):599-603

Comparison of the therapeutic effect of ketoconazole tablets and econazole lotion in the treatment of chronic paronychia. Wong ES, et al. **Clin Exp Dermatol** 1984 Sep; 9(5):489-96

Tinea versicolor: treatment and prophylaxis with monthly administration of ketoconazole. Rausch LJ, et al. **Cutis** 1984 Nov;34(5):470-1

Ketoconazole-treated sporotrichosis in a veterinarian. Samorodin CS, et al. **Cutis** 1984 May;33(5):487-8

Erythema annulare centrifugum as the presenting sign of the hypereosinophilic syndrome: observations on therapy. Shelley WB, et al. **Cutis** 1985 Jan;35(1):53-5

Trichophyton-rubrum-infected toenails treated with ketoconazole and partial nail avulsion. Kavli G, et al. **Dermatologica** 1984;169(4):191-3

Immunological observations before and after successful treatment of chronic mucocutaneous candidiasis with ketoconazole and transfer factor. Corbeel L, et al. **Eur J Pediatr** 1984 Nov;143(1):45-8

High-dose ketoconazole (HD-KNZ) in the initial treatment of leucopenic patients with fever [letter] Schmitt HJ, et al. **Eur J Pediatr** 1984 Nov;143(1):73

Long-term ketoconazole treatment of chronic acral dermatophyte infections. Hersle K, et al. **Int J Dermatol** 1985 May;24(4):245-8

Response of the cutaneous lesions of Reiter's syndrome to ketoconazole [letter] Lesher JL Jr, et al. **J Am Acad Dermatol** 1985 Jul;13(1):161-3

Double-blind treatment of seborrheic dermatitis with 2% ketoconazole cream. Skinner RB Jr, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):852-6

New azole compounds: vibunazole (Bay n7133) and Bay l9139, compared with ketoconazole in the therapy of systemic candidosis and in pharmacokinetic studies, in mice. Lefler E, et al. **J Antimicrob Chemother** 1985 Jan; 15(1):69-75

Adrenal rest tumor of the liver causing Cushing's syndrome: treatment with ketoconazole preceding an apparent surgical cure. Contreras P, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):21-8

Prolonged treatment of Cushing's disease by ketoconazole. Sonino N, et al. **J Clin Endocrinol Metab** 1985 Oct; 61(4):718-22

Non-suppression of cortisol secretion by long term treatment with ketoconazole in patients with acute leukaemia. Dandona P, et al. **J Clin Pathol** 1985 Jun;38(6):677-8

Pharmacologic review: a review of the literature of ketoconazole therapy in the treatment of tinea pedis and onychomycosis. Cacciaglia GB, et al. **J Foot Surg** 1984 Sep-Oct;23(5):420-3 (21 ref.)

Oral ketoconazole and amphotericin B for the prevention of yeast colonization in patients with acute leukaemia [letter] Looker DN. **J Hosp Infect** 1984 Dec;5(4):459

Oral ketoconazole and amphotericin B for the prevention of yeast colonization in patients with acute leukaemia [letter] Pollock AV, et al. **J Hosp Infect** 1984 Sep; 5(3):340-1

Ketoconazole inhibition of intracellular multiplication of Trypanosoma cruzi and protection of mice against lethal infection with the organism. McCabe RE, et al. **J Infect Dis** 1984 Oct;150(4):594-601

A case of Madura foot. Simpson A, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):326-8

Do the imidazoles have a role in the management of genitourinary fungal infections? Wise GJ, et al. **J Urol** 1985 Jan;133(1):61-4

Ketoconazole blocks cortisol secretion in man by inhibition of adrenal 11 beta-hydroxylase. Engelhardt D, et al. **Klin Wochenschr** 1985 Jul 1;63(13):607-12

Ketoconazole therapy in Cushing's disease [letter] Angeli A, et al. **Lancet** 1985 Apr 6;1(8432):821

Ketoconazole for hirsutism [letter] Carvalho D, et al. **Lancet** 1985 Sep 7;2(8454):560

Regression of metastatic adrenal carcinoma during palliative ketoconazole treatment [letter] Contreras P, et al. **Lancet** 1985 Jul 20;2(8447):151-2

Paracoccidioidomycosis: a comparative study of the evolutionary serologic, clinical and radiologic results for patients treated with ketoconazole or amphotericin B plus sulfonamides. Marques SA, et al. **Mycopathologia** 1985 Jan; 89(1):19-23

The effect of ketoconazole on experimental paracoccidioidomycosis in the Syrian hamster: immunological and histopathological study. Mota NG, et al. **Mycopathologia** 1984 Dec 30;88(2-3):141-8

Antifungal therapy of dermatophytosis in guinea pigs and congenitally athymic rats. Weber J, et al. **Mycopathologia** 1985 Apr;90(1):47-54

Topical ketoconazole in dermatology: a pharmacological and clinical review. Cauwenbergh GF, et al. **Mykosen** 1984 Aug;27(8):395-401 (13 ref.)

The effect of ketoconazole on Candida albicans infection following depression of the reticuloendothelial activity with gadolinium chloride. Farkas B, et al. **Mykosen** 1985 Jul;28(7):338-41

Ketoconazole in the management of precocious puberty not responsive to LHRH-analogue therapy. Holland FJ, et al. **N Engl J Med** 1985 Apr 18;312(16):1023-8

Candida tropicalis papillary necrosis treated with ketoconazole [letter] Cohen PS, et al. **NY State J Med** 1985 Mar;85(3):97

Recurrent and persistent vulvovaginal candidiasis: treatment with ketoconazole. Eschenbach DA, et al. **Obstet Gynecol** 1985 Aug;66(2):248-54

Management of recurrent vulvovaginal candidiasis with intermittent ketoconazole prophylaxis. Sobel JD. **Obstet Gynecol** 1985 Mar;65(3):435-40

Management of Acanthamoeba keratitis. A case report and review of the literature. Hirst LW, et al. **Ophthalmology** 1984 Sep;91(9):1105-11

Ketoconazole and the antifungals. Parkin JL. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):132-3

Ketoconazole treatment of Candida peritonitis during continuous peritoneal dialysis. Akl K, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):487

Clinical applications of ketoconazole in prostatic cancer. Denis L, et al. **Prog Clin Biol Res** 1985;185A:319-26

Ketoconazole in the treatment of vaginal candidiasis. Bloch B, et al. **S Afr Med J** 1985 Feb 2;67(5):178-9

Ketoconazole prophylaxis in patients with solid tumours receiving aggressive immunosuppressive therapy. An open randomized comparison between 200 mg/d and 400 mg/d doses. Scrimgeour E, et al. **S Afr Med J** 1985 Jun 29; 67(26):1044-5

Oral ketoconazole therapy for experimental candida albicans keratitis in rabbits. Ishibashi Y, et al. **Sabouraudia** 1984; 22(4):323-30

Oral treatment with ketoconazole in systemic candidosis of guinea-pigs: microbiology, hematology and histopathology. Van Cutsem J, et al. **Sabouraudia** 1985 Jun; 23(3):189-98

Ketoconazole and fungal sinusitis. Farquhar DL, et al. **Scott Med J** 1984 Jul;29(3):192-3

Endocrine therapy: non-estrogenic pharmacological manipulation. Trachtenberg J. **Semin Urol** 1983 Nov; 1(4):288-90

Evaluation of Ketoconazole against Griseofulvin in the treatment of dermatophytes. Giam YC, et al. **Singapore Med J** 1984 Aug;25(4):260-7

[New antifungal drugs--ketoconazole] Yin KS. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):643-5 **(Chi)**

[Ketoconazole in the prevention of mycotic complications during cytostatic treatment of leukemias and lymphomas] Krčová V, et al. **Vnitr Lek** 1985 Jun;31(6):567-71 (Eng. Abstr.) **(Cze)**

[Hormonal manipulation of disseminated prostatic cancer] Mahler C, et al. **Acta Urol Belg** 1984;52(4):593-9 (Eng. Abstr.) **(Fre)**

[Generalized sporotrichosis. Study of a Mexican case treated with amphotericin B and ketoconazole] Arenas R, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):385-91 (Eng. Abstr.) **(Fre)**

[First case of subcutaneous phycomycosis seen in Gabon and treated successfully with ketoconazole] Piens MA, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):170-8 (Eng. Abstr.) **(Fre)**

[Comparative study of an orally and a locally administered antifungal agent in vaginal mycoses] Farkas B, et al. **Mykosen** 1984 Nov;27(11):554-61 (Eng. Abstr.) **(Ger)**

[Oral therapy of vaginal candidiasis with ketoconazole] Hauser GA. **Ther Umsch** 1985 Mar;42(3):185 (Eng. Abstr.) **(Ger)**

[Therapy experience with ketoconazole: a new dermatologic powder preparation of 2%] Amerighi F, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):XIII-XVI (Eng. Abstr.) **(Ita)**

[Ketoconazole in cutaneous mycoses] Balato N, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):XIII-XV (Eng. Abstr.) **(Ita)**

[Ketoconazole in onychomycosis] Nilsen A, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):141-2 (Eng. Abstr.) **(Nor)**

[Electron-microscopic studies during treatment of chronic generalized (granulomatous) candidiasis with ketoconazole] Sheklakov ND, et al. **Vestn Dermatol Venerol** 1984 Aug; (8):25-31 (Eng. Abstr.) **(Rus)**

[Treatment Candida albicans endophthalmitis with ketoconazole (letter)] **Med Clin (Barc)** 1985 May 25; 84(20):841 **(Spa)**

[Candida albicans pustulosis resistant to ketoconazole in a heroin-addict (letter)] Cabré L, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):542 **(Spa)**

KETOGLUTARATE DEHYDROGENASE COMPLEX see under **KETONE OXIDOREDUCTASES**

KETOGLUTARIC ACIDS

BIOSYNTHESIS

Excretion of alpha-keto acids by strains of Streptomyces venezuelae. Ahmed ZU, et al. **Can J Microbiol** 1984 Aug; 30(8):1014-21

DIAGNOSTIC USE

Comparisons of 17 lots of 2-oxoglutarate, and specifications for use of this substrate in reference methods. Bowers PN, et al. **Clin Chem** 1985 Jun;31(6):812-8

METABOLISM

Inhibition of 2-oxoglutarate metabolism by lithium in the isolated rat kidney cortex tubules. Stepiński J, et al. **Acta Biochim Pol** 1984;31(2):241-9

Reabsorption and secretion of alpha-ketoglutarate along the rat nephron: a micropuncture study. Ferrier B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F404-12

Calcium transport by rat brain mitochondria and oxidation of 2-oxoglutarate. Bernard PA, et al. **Biochim Biophys Acta** 1984 Sep 27;766(3):549-53

Intramitochondrial reductive carboxylation of 2-oxoglutarate in adipose tissue and its contribution to fatty acid synthesis. Lenartowicz E, et al. **Int J Biochem** 1984;16(12):1223-9

The role of dissimilar subunits of NAD-specific isocitrate dehydrogenase from pig heart. Evaluation using affinity labeling. Ehrlich RS, et al. **J Biol Chem** 1984 Oct 10; 259(19):11936-42

PHARMACODYNAMICS

Differences between collagen hydroxylases and 2-oxoglutarate dehydrogenase in their inhibition by structural analogues of 2-oxoglutarate. Majamaa K, et al. **Biochem J** 1985 Jul 1;229(1):127-33

URINE

Metabolism in vivo of furazolidone: evidence for formation of an open-chain carboxylic acid and alpha-ketoglutaric acid from the nitrofuran in rats. Tatsumi K, et al. **Arch Biochem Biophys** 1984 Oct;234(1):112-6

KETONE BODIES

ANALYSIS

Simultaneous determination of ketone bodies in biological samples by gas chromatographic headspace analysis. López-Soriano FJ, et al. **J Chromatogr Sci** 1985 Mar;23(3):120-3

Clinical evaluation of ketone bodies in body fluids of cows in late pregnancy and their fetuses. Hradecký P, et al. **Vet Res Commun** 1984 Aug;8(3):195-202

BIOSYNTHESIS

Stimulatory effect of norepinephrine on ketogenesis in normal and insulin-deficient humans. Keller U, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E732-9

Ketone body metabolism in normal and diabetic human skeletal muscle. Nosadini R, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E131-6

Hormonal regulation of ketogenesis in hepatocytes from fed rats before and after glycogen depletion. Schofield PS, et al. **Biochem Int** 1984 Nov;9(5):611-20

Ketogenesis in the living rat followed by 13C NMR spectroscopy. Cross TA, et al. **Biochemistry** 1984 Dec 18;23(26):6398-402

Effect of insulin on ketogenesis and fatty acid synthesis in rat hepatocytes incubated with dichloroacetate. Agius L, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):393-9

Investigations into the direct effects of insulin on hepatic ketogenesis, lipoprotein secretion and pyruvate dehydrogenase activity. Laker ME, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):427-30

Banting lecture 1984. From glycogen to ketones--and back. Foster DW. **Diabetes** 1984 Dec;33(12):1188-99 (88 ref.)

Effect of norepinephrine on ketogenesis, fatty acid oxidation, and esterification in isolated rat hepatocytes. Oberhaensli RD, et al. **Diabetes** 1985 Aug;34(8):774-9

Regulation of ketogenesis by epinephrine and norepinephrine in the overnight-fasted, conscious dog. Steiner KE, et al. **Diabetes** 1985 May;34(5):425-32

Fatty acid metabolism and ketone formation in the suckling rat. Wells MA. **Fed Proc** 1985 Apr;44(7):2365-8 (19 ref.)

Effects of insulin treatment on ketone body production and carnitine-palmitoyl-transferase (CPT) activity in the isolated perfused liver from streptozotocin diabetic rats. Tessari P, et al. **Horm Metab Res** 1985 Jun;17(6):271-4

Relationship between lipogenesis, ketogenesis, and malonyl-CoA content in isolated hepatocytes from the obese Zucker rat adapted to a high-fat diet. Malewiak MI, et al. **Metabolism** 1985 Jul;34(7):604-11

Development and regulation of ketogenesis in isolated hepatocytes from newborn rabbits. Duee PH, et al. **Reprod Nutr Dev** 1985;25(1B):331-2

Fatty acid oxidation and ketogenesis during development. Girard J, et al. **Reprod Nutr Dev** 1985;25(1B):303-19 (111 ref.)

Ketogenesis during sepsis in relation to hepatic energy metabolism. Ohtoshi M, et al. **Res Exp Med (Berl)** 1984;184(4):209-19

[Development and regulation of ketogenesis in isolated hepatocytes in the newborn rabbit] el Manoubi L, et al. **Tunis Med** 1984 Sep;62(5):389-94 (Eng. Abstr.) **(Fre)**

BLOOD

Effect of dietary niacin supplementation on phlorhizin and 1,3-butanediol-induced ketonemia and hypoglycemia in steers. Dufva GS, et al. **Am J Vet Res** 1984 Sep;45(9):1835-7

Regulation of succinyl-CoA:3-oxoacid CoA-transferase in developing rat brain: responsiveness associated with prenatal but not postnatal hyperketonemia. Haney PM, et al. **Arch Biochem Biophys** 1985 Jul;240(1):426-34

Covalent interaction of reactive metabolites with cytosolic coenzyme A as mechanism of haloethylene-induced acetonemia. Simon P, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1981-6

The metabolic and endocrine milieu of the human fetus at 18-21 weeks of gestation. II. Blood glucose, lactate, pyruvate and ketone body concentrations. Aynsley-Green A, et al. **Biol Neonate** 1985;47(1):19-25

Activities of enzymes of ketone body metabolism in liver and muscle tissues of suckling rabbits. Beis A. **Comp Biochem Physiol [B]** 1985;81(1):245-9

Lack of beta-adrenergic role for catecholamines in the development of hyperglycemia and ketonaemia following acute insulin withdrawal in type I diabetic patients. Beylot M, et al. **Diabete Metab** 1985 Apr;11(2):111-7

The effect of major thermal injury on plasma ketone body levels. Abbott WC, et al. **JPEN** 1985 Mar-Apr;9(2):153-8

The fundamental factor determining the clinical prognosis of prolonged jaundice--relation to the arterial ketone body ratio. Yamamoto M, et al. **Jpn J Surg** 1985 Jan;15(1):18-22

Regulation of somatostatin secretion in man: study of the role of free fatty acids and ketone bodies. Beylot M, et al. **Metabolism** 1984 Nov;33(11):988-93

Reduction of increased levels of blood glycerol and ketone bodies by propranolol in human hyperthyroidism: role of the fall of the triiodothyronine level. Beylot M, et al. **Metabolism** 1984 Dec;33(12):1080-3

Circadian rhythm of ketone bodies in the blood of fasting rats. Ahlersová E, et al. **Physiol Bohemoslov** 1985;34(2):177-81

Inhibition of mitochondrial carnitine palmitoyl transferase A in vivo with methyl 2-tetradecylglycidate (methyl palmoxirate) and its relationship to ketonemia and glycemia. Tutwiler GF, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):288-96

Effects of dietary lipid level on ketonemia and other plasma parameters related to glucose and fatty acid metabolism in the rabbit during fasting. Jean-Blain C, et al. **Reprod Nutr Dev** 1985;25(2):345-53

Sequential changes in blood concentrations of fuels in relation to arterial blood ketone body ratio after 70% hepatectomy in rabbits. Asano M, et al. **Res Exp Med (Berl)** 1985;185(3):253-8

Effect of feeding silage with high butyric acid content on ketone body formation and milk yield in postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):15-23

Effect of energy balance on plasma glucose and ketone bodies in blood and milk and influence of hyperketonaemia on milk production of postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed [A]** 1984 Aug;31(7):539-47

[Postoperative insulin resistance of lipolysis and ketogenesis using the glucose clamp technic] Jauch KW, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):271-4 (Eng. Abstr.) **(Ger)**

METABOLISM

Determination of ketone body turnover in vivo with stable isotopes, utilizing gas chromatography/mass spectrometry. Miles JM, et al. **Anal Biochem** 1984 Aug 15;141(1):110-5

Mechanisms of uptake of ketone bodies by luminal-membrane vesicles. Jørgensen KE, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):23-34

Activities of the enzymes of ketone body metabolism in the developing chick. Beis A. **Comp Biochem Physiol [B]** 1985;81(3):671-5

Ketone body production and disposal in diabetic ketosis. A comparison with fasting ketosis. Féry F, et al. **Diabetes** 1985 Apr;34(4):326-32

Ketone body metabolism in the neonate: development and the effect of diet. Edmond J, et al. **Fed Proc** 1985 Apr;44(7):2359-64 (18 ref.)

Carnitine and ketones in the perinatal period. Hahn P. **Fed Proc** 1985 Apr;44(7):2339-41

Ketone body metabolism in the mother and fetus. Shambaugh GE 3d. **Fed Proc** 1985 Apr;44(7):2347-51 (32 ref.)

Ketone body metabolism during development. Williamson DH. **Fed Proc** 1985 Apr;44(7):2342-6 (30 ref.)

Preferential utilization of ketone bodies in the brain and lung of newborn rats. Yeh YY, et al. **Fed Proc** 1985 Apr;44(7):2352-8 (23 ref.)

Glycemia, ketonemia, and brain enzymes of ketone body utilization in suckling and adult rats undernourished from intrauterine life. Escrivá F, et al. **J Neurochem** 1985 May;44(5):1358-62

Ketone body metabolism during pregnancy in the rabbit. Jean-Blain C, et al. **Reprod Nutr Dev** 1985;25(3):545-54

Concentrations of blood and milk ketone bodies, blood isopropanol and plasma glucose in dairy cows in relation to the degree of hyperketonaemia and clinical signs. Andersson L. **Zentralbl Veterinarmed [A]** 1954 Oct;31(9):683-93

PHYSIOLOGY

How important are carnitine and ketones for the newborn infant? Hahn P, et al. **Fed Proc** 1985 Apr;44(7):2369-73 (40 ref.)

TOXICITY

Effects of hyperketonemia on mouse embryonic and fetal glucose metabolism in vitro. Horton WE Jr, et al. **Teratology** 1985 Apr;31(2):227-33

URINE

The effects of ketonuria in labour. Foulkes J, et al. **Br J Clin Pract** 1985 Feb;39(2):59-62

A comparison of the effects of four intravenous solutions for the treatment of ketonuria during labour. Morton KE, et al. **Br J Obstet Gynaecol** 1985 May;92(5):473-9

Significance of spontaneous ketonuria and serum C-peptide levels in obese type II diabetic patients. Osei K, et al. **Diabetes Care** 1984 Sep-Oct;7(5):442-6

A plausible explanation for the aketonuria of young Indian non-insulin-dependent diabetics. Jialal I, et al. **S Afr Med J** 1985 May 11;67(19):775-7

KETONE OXIDOREDUCTASES

Resolution and reconstitution of bovine kidney branched-chain 2-oxo acid dehydrogenase complex. Cook KG, et al. **Biochem J** 1985 Feb 1;225(3):731-5

ANTAGONISTS & INHIBITORS

Effect of copper on blood serum xanthine dehydrogenase in rats given D-L-ethionine. Affonso OR, et al. **Arch Gescawulstforsch** 1985;55(3):167-70

Evidence for alpha-ketoglutarate dehydrogenase monomer activity with the aid of enzyme immobilization. Gomazkova VS, et al. **Biochem Int** 1985 Jun;10(6):917-25

BLOOD

Effect of cold environment on the rat serum xanthine dehydrogenase in carbon tetrachloride poisoning. Affonso OR, et al. **Rev Bras Biol** 1984 Nov;44(4):547-9

DEFICIENCY

A distinct variant of intermediate maple syrup urine disease. Gonzalez-Rios MC, et al. **Clin Genet** 1985 Feb;27(2):153-9

Absence of branched chain acyl-transferase as a cause of maple syrup urine disease. Danner DJ, et al. **J Clin Invest** 1985 Mar;75(3):858-60

GENETICS

Complementation analysis in lymphoid cells from five patients with different forms of maple syrup urine disease. Jinno Y, et al. **Hum Genet** 1984;68(1):54-6

Conjugative mapping of pyruvate, 2-ketoglutarate, and branched-chain keto acid dehydrogenase genes in Pseudomonas putida mutants. Sykes PJ, et al. **J Bacteriol** 1985 Apr;162(1):203-8

Alteration of the gene for xanthine dehydrogenase in Drosophila following treatment with wildtype DNA. Germeraad SE. **MGG** 1985;199(1):89-94

Transcription analysis of the sucAB, aceEF and lpd genes of Escherichia coli. Spencer ME, et al. **MGG** 1985;200(1):145-54

Nucleotide sequence of the guaB locus encoding IMP dehydrogenase of Escherichia coli K12. Tiedeman AA, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1303-16

IMMUNOLOGY

Low immunogenicity of the common lipoamide dehydrogenase subunit (E3) of mammalian pyruvate dehydrogenase and 2-oxoglutarate dehydrogenase multienzyme complexes. De Marcucci OL, et al. **Biochem J** 1985 Mar 1;226(2):509-17

ISOLATION & PURIFICATION

Purification and properties of inosine monophosphate oxidoreductase from nitrogen-fixing nodules of cowpea (Vigna unguiculata L. Walp). Atkins CA, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):807-14

Purification and properties of a novel ferricyanide-linked xanthine dehydrogenase from Pseudomonas putida 40. Woolfolk CA. **J Bacteriol** 1985 Aug;163(2):600-9

METABOLISM

Cooperation of Ca2+ and pH in regulation of the activity of the 2-oxoglutarate dehydrogenase complex and its components from bovine kidney cortex. Pawełczyk T, et al. **Acta Biochim Pol** 1984;31(3):289-305

Branched chain amino acid transaminase and branched chain alpha-ketoacid dehydrogenase activity in the brain, liver and skeletal muscle of acute hepatic failure rats. Takei N. **Acta Med Okayama** 1985 Feb;39(1):1-10

Free radicals and myocardial ischemia. The role of xanthine oxidase. McCord JM, et al. **Adv Myocardiol** 1985;5:183-9

Activation of branched-chain keto acid dehydrogenase by exercise. Kasperek GJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R166-71

Purification and properties of a protein activator of phosphorylated branched-chain 2-oxo acid dehydrogenase complex. Espinal J, et al. **Biochem J** 1985 Jan 15;225(2):509-16

Effects of diet and of alloxan-diabetes on the activity of branched-chain 2-oxo acid dehydrogenase complex and of activator protein in rat tissues. Patston PA, et al. **Biochem J** 1984 Sep 15;222(3):711-9

Ca2+-dependent activation of oxoglutarate dehydrogenase by vasopressin in isolated hepatocytes. Staddon JM, et al. **Biochem J** 1985 Jan 15;225(2):327-33

Effect of starvation and exercise on actual and total activity of the branched-chain 2-oxo acid dehydrogenase complex in rat tissues. Wagenmakers AJ, et al. **Biochem J** 1984 Nov 1;223(3):815-21

Increase of the activity state and loss of total activity of the branched-chain 2-oxo acid dehydrogenase in rat diaphragm during incubation. Wagenmakers AJ, et al. **Biochem J** 1984 Dec 1;224(2):491-6

Electron-spin-resonance/electron-paramagnetic-resonanc spectroscopy of iron-sulphur enzymes. Cammack R, et al **Biochem Soc Trans** 1985 Jun;13(3):572-8

Suppressor mutations for crs mutants of Bacillus subtilis. Sun D, et al. **Can J Microbiol** 1985 May;31(5):429-35

Activation of branched-chain alpha-ketoacid dehydrogenase complex by alpha-chloroisocaproate in normal and enzyme-deficient fibroblasts. Toshima K, et al. **Clin Chim Acta** 1985 Apr 15;147(2):103-8

Branched chain alpha-keto acid dehydrogenase in tissues from rainbow trout (Salmo gairdnerii). Ottesen I, et al. **Comp Biochem Physiol [B]** 1984;79(3):489-91

The action of alpha-ketoglutarate dehydrogenase on 4-chloronitrosobenzene: evidence for species-dependent differences in active site properties. Doerge DR, et al. **Comp Biochem Physiol [C]** 1985;80(1):161-5

Regulation of bovine kidney branched-chain 2-oxoacid dehydrogenase complex by reversible phosphorylation. Cook KG, et al. **Eur J Biochem** 1984 Dec 17;145(3):587-91

Effects of ATP and adenosine addition on activity of oxoglutarate dehydrogenase and the concentration of cytoplasmic free Ca2+ in rat hepatocytes. Staddon JM, et al. **Eur J Biochem** 1985 Sep 16;151(3):567-72

Evidence that adrenaline activates key oxidative enzymes in rat liver by increasing intramitochondrial [Ca2+]. McCormack JG. **FEBS Lett** 1985 Jan 28;180(2):259-64

Nutritional control of branched chain alpha-ketoacid dehydrogenase in rat hepatocytes. Harris RA, et al. **Fed Proc** 1985 May;44(8):2463-8

Regulation of branched chain alpha-ketoacid dehydrogenase complex by phosphorylation-dephosphorylation. Minisymposium report. Harris RA, et al. **Fed Proc** 1985 Feb;44(2):305-15

Presence and regulation of the alpha-ketoglutarate dehydrogenase multienzyme complex in the filamentous fungus Aspergillus niger. Meixner-Monori B, et al. **J Bacteriol** 1985 Jan;161(1):265-71

Glutamine metabolism of isolated rat hepatocytes. Evidence for catecholamine activation of alpha-ketoglutarate dehydrogenase. Ochs RS. **J Biol Chem** 1984 Nov 10;259(21):13004-10

Ribavirin, tiazofurin, and selenazofurin: mononucleotides and nicotinamide adenine dinucleotide analogues. Synthesis, structure, and interactions with IMP dehydrogenase. Gebeyehu G, et al. **J Med Chem** 1985 Jan;28(1):99-105

Uncertainties in the mechanism of thiamin pyrophosphate-dependent alpha-keto acid dehydrogenase complexes. **Nutr Rev** 1984 Sep;42(9):328-30

[Diaphorase reactions of lipoamide dehydrogenases from the adrenal ketoglutarate dehydrogenase complex] Chenas NK, et al. **Biokhimiia** 1985 Jun;50(6):1018-23 (Eng. Abstr.) **(Rus)**

KETONES

[Oxidation of phenothiazine and its N-methyl derivative by the combination of iodobenzene and vanadium acetylacetonate] Pautet F, et al. **Pharmazie** 1985 Mar;40(3):202-3 **(Fre)**

ANALYSIS

Chemical modification of lysine and tryptophan residues from glutamate dehydrogenase using 2,4-pentanedione and 2,3-dioxo-5-indoline sulphonic acid. Patil VW. **Indian J Biochem Biophys** 1984 Aug;21(4):251-4

Determination of aldehydes in air as dimethone derivatives by gas chromatography with electron-capture detection. Peltonen K, et al. **J Chromatogr** 1984 Dec 19;315:412-6

Selective liquid chromatographic isolation and gas chromatographic-mass spectrometric analysis of ketonic bile acids in faeces. Tandon R, et al. **J Chromatogr** 1984 Oct 19;302:1-14

[A study of 'nettling' substances. II. Colorimetric determination] Malatesta P, et al. **Boll Chim Farm** 1983 Mar;122(3):137-42 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Fetal rat hyperinsulinism and hyperglucagonism: effects on hepatic ketogenesis, lipogenesis, and gluconeogenesis. McCormick K, et al. **Endocrinology** 1985 Apr;116(4):1281-7

Hepatic gluconeogenic and ketogenic interrelationships in the lactating cow. Aiello RJ, et al. **J Dairy Sci** 1984 Aug;67(8):1707-15

BLOOD

Hepatectomy and arterial blood ketone-body ratio. II. Clinical significance of arterial blood ketone-body ratio in hepatectomized patients. Asano M. **Nippon Geka Hokan** 1984 May 1;53(3):485-96

Hepatectomy and arterial blood ketone-body ratio. I. Changes in arterial blood ketone-body ratio following massive hepatectomy in relation to blood concentration of energy fuels. Asano M. **Nippon Geka Hokan** 1984 May 1;53(3):473-84

Altered growth, hypoglycemia, hypoalaninemia, and ketonemia in the young rat: postnatal consequences of intrauterine growth retardation. Ogata ES, et al. **Pediatr Res** 1985 Jan;19(1):32-7

Uterine arterial and venous concentrations of glucose, lactate, ketones, free fatty acids, and oxygen in the awake pregnant guinea pig. Peeters LL, et al. **Pediatr Res** 1984 Nov;18(11):1172-5

Ketone kinetics and D-(-)-3-hydroxybutyrate-induced inhibition of feeding in rats. Langhans W, et al. **Physiol Behav** 1985 Apr;34(4):579-82

METABOLISM

Metabolism of methyl n-amyl ketone (2-heptanone) and its binding to DNA of rat liver in vivo and in vitro. Albro PW, et al. **Chem Biol Interact** 1984 Oct;51(3):295-308

Metabolism of alcohol and ketone by cytochrome P-450 oxygenase: fluoren-9-ol in equilibrium with fluoren-9-one. Chen C, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):421-6

Decrease of fatty acid oxidation, ketogenesis and gluconeogenesis in isolated perfused rat liver by phenylalkyl oxirane carboxylate (B 807-27) due to inhibition of CPT I (EC 2.3.1.21). Wolf HP, et al. **Eur J Biochem** 1985 Jan 15;146(2):359-63

Molecular mechanism of hexane neuropathy: significant differences in pharmacokinetics between 2.3-, 2.4-, and 2.5-hexanedione. Iwasaki K, et al. **Ind Health** 1984;22(3):177-87

Hydroxycarboxylic and oxocarboxylic acids in urine: products from branched-chain amino acid degradation and from ketogenesis. Liebich HM, et al. **J Chromatogr** 1984 Aug 10;309(2):225-42

Effect of carbohydrate supplementation on reproductive hormones during fasting in men. Kyung NH, et al. **J Clin Endocrinol Metab** 1985 May;60(5):827-35

Tolerance and percutaneous absorption of topically applied arildone. Bosso JA, et al. **J Clin Pharmacol** 1985 Mar;25(2):95-9

PHARMACODYNAMICS

Effects of phenobarbital, phorone and carbon tetrachloride pretreatment on the biliary excretion of acetaminophen in rats. Loeser W, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):180-8

Further observations on in vitro and in vivo effects of 2,5-hexanedione on glyceraldehyde-3-phosphate dehydrogenase. Sabri MI. **Arch Toxicol** 1984 Sep;55(3):191-4

Fluoro ketone inhibitors of hydrolytic enzymes. Gelb MH, et al. **Biochemistry** 1985 Apr 9;24(8):1813-7

Experimental study on the enhancement of the neurotoxicity of methyl n-butyl ketone by non-neurotoxic aliphatic monoketones. Misumi J, et al. **Br J Ind Med** 1985 Mar;42(3):155-61

Tissue-specific induction of intestinal glutathione S-transferases by alpha beta-unsaturated carbonyl compounds. Masukawa T, et al. **Experientia** 1984 Nov 15;40(11):1272-3

Selective damage to large cells in the cat retinogeniculate pathway by 2,5-hexanedione. Pasternak T, et al. **J Neurosci** 1985 Jun;5(6):1641-52

Anaesthetic action of esters and ketones: evidence for an interaction with the sodium channel protein in squid axons. Elliott JR, et al. **J Physiol (Lond)** 1984 Sep;354:407-18

Glucose production in the perfused dog liver: effect of free fatty acids and ketones. Shaw JH, et al. **J Surg Res** 1984 Dec;37(6):437-42

Normolipemic activities of acrylophenone derivatives with antimicrotubular properties. Bard JM, et al. **Methods Find Exp Clin Pharmacol** 1985 Apr;7(4):183-7

2,5-Hexanedione and acrylamide produce reorganization of motoneuron perikarya. Sterman AB, et al. **Neuropathol Appl Neurobiol** 1985 May-Jun;11(3):201-12

The role of iron in the NADPH-dependent lipid peroxidation due to glutathione depletion by phorone. Younes M, et al. **Pharmacol Res Commun** 1984 Feb;16(2):153-60

Taurolithocholate-induced intrahepatic cholestasis: potentiation by methyl isobutyl ketone and methyl n-butyl ketone in rats. Plaa GL, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):228-34

Inhibition of mouse liver alcohol dehydrogenase by methyl N-butyl ketone. Sharkawi M, et al. **Toxicol Lett** 1985 May;25(2):185-9

[Thermitase--a thermostable serine protease. IV. Kinetic studies on the binding of N-acyl peptide ketones as substrate analog inhibitors] Fittkau S, et al. **Biomed Biochim Acta** 1984;43(7):887-99 (Eng. Abstr.) **(Ger)**

[An experimental study on neurotoxicity of 2,5-hexanedione. Visual and somatosensory cortical evoked potentials in rats] Hirata M. **Sangyo Igaku** 1984 Jul;26(4):283-8 (Eng. Abstr.) **(Jpn)**

[Antiviral compounds. XIV. Activities of alkoxy-acetophenones and -benzalacetones N-substituted amidinohydrazones] Toku H, et al. **Yakugaku Zasshi** 1984 Aug;104(8):903-8 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Naturally occurring carbonyl compounds are mutagens in Salmonella tester strain TA104. Marnett LJ, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):25-34

POISONING

Neurotoxicity of certain environmental substances. Taylor JR. **Clin Lab Med** 1984 Sep;4(3):489-97

Cell body responses to axonal injury: traumatic axotomy versus toxic neuropathy. Sterman AB, et al. **Exp Neurol** 1985 Aug;89(2):408-19

THERAPEUTIC USE

Human cytomegalovirus infections in vitro after treatment with arildone. Tyms AS, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2129-39

TOXICITY

Hexacarbon neuropathy: cell body changes are early, dynamic, and specific. Sterman AB. **Ann Neurol** 1984 Sep;16(3):343-8

Effects of vitamin B12 and B6 on 2,5-hexanedione-induced neuropathy. Misumi J, et al. **Arch Toxicol** 1985 Jan;56(3):204-6

Experimental study on the enhancement of the neurotoxicity of methyl n-butyl ketone by non-neurotoxic aliphatic monoketones. Misumi J, et al. **Br J Ind Med** 1985 Mar;42(3):155-61

Nephrotoxic interactions between ketonic solvents and halogenated aliphatic chemicals. Hewitt WR, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):902-8 (27 ref.)

Electrophysiologic deficits in peripheral nerve as a discriminator of early hexacarbon neurotoxicity. Anderson RJ, et al. **J Toxicol Environ Health** 1984;13(4-6):835-43

Dose-response relationships in ketone-induced potentiation of chloroform hepato- and nephrotoxicity. Brown EM, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):437-53

Alterations in rat axonal cytoskeletal proteins induced by in vitro and in vivo 2,5-hexanedione exposure. DeCaprio AP, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):235-47

Mechanisms in 2-hexanone potentiation of chloroform hepatotoxicity. Cowlen MS, et al. **Toxicol Lett** 1984 Sep;22(3):293-9

An electrophysiological study of 2-hexanone and 2,5-hexanedione neurotoxicity in rats. Nachtman JP, et al. **Toxicol Lett** 1984 Nov;23(2):141-5

Temporal analysis of rat liver injury following potentiation of carbon tetrachloride hepatotoxicity with ketonic or ketogenic compounds. Charbonneau M, et al. **Toxicology** 1985 May;35(2):95-112

URINE

[2,5-hexanedione in biological monitoring of occupational exposure to n-hexane] Perbellini L, et al. **Med Lav** 1985 Jan-Feb;76(1):35-43 (Eng. Abstr.) **(Ita)**

6-KETO-PGF1 ALPHA see **6-KETOPROSTAGLANDIN F1 ALPHA**

KETOPHENYLBUTAZONE see under **PHENYLBUTAZONE**

KETOPROFEN see under **PHENYLPROPIONATES**

6-KETOPROSTAGLANDIN F1 ALPHA

ANALOGS & DERIVATIVES

Prostaglandins and kallikrein during volume expansion in normal man. Watson ML, et al. **Contrib Nephrol** 1984;41:31-4

Prostacyclin biosynthesis and platelet function in autonomic dysfunction. Goldberg MR, et al. **Neurology** 1985 Jan;35(1):120-3

Urinary levels of 2,3-dinor-6-oxo-PGF1 alpha: a reliable index of the production of PGI2 in the spontaneously hypertensive rat. Falardeau P, et al. **Prostaglandins** 1985 Apr;29(4):621-8

Development of a GC-MS method for quantitation of 2,3-dinor-6-keto-PGF1 alpha and determination of the urinary excretion rates in healthy humans under normal conditions and following drugs. Vesterqvist O, et al. **Prostaglandins** 1984 Jul;28(1):139-54

[A radioimmunoassay of 6-keto PG F1 alpha using [125I]-6-keto PG F1 alpha-tyramide] Sekine M. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):1-13 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Peritoneal fluid 6-keto prostaglandin F1 alpha levels in women with endometriosis. Mudge TJ, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):901-4

Prostaglandins and thromboxanes in the bronchoalveolar lavage fluid: possible immunoregulation in sarcoidosis. Baughman RP, et al. **Am Rev Respir Dis** 1984 Nov;130(5):933-6

Immunohistochemical localization of 6-keto-PGF1-alpha in canine coronary vasculature. Harold JG, et al. **Prostaglandins** 1985 Jan;29(1):19-23

[Measurement of prostaglandins in human bile juice] Okazaki K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2065 **(Jpn)**

BIOSYNTHESIS

Effects of angiotensin II on plasma ADH, prostaglandin synthesis, and water excretion in normal humans. Usberti M, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F254-9

Response of normal and diabetic rat aorta to deendothelialization in terms of 6-keto-prostaglandin F1 alpha synthesis and cholesterol accumulation. Shehata-Khalil M, et al. **Biochem Med** 1985 Feb;33(1):22-8

Mechanism of action of angiotensin II and bradykinin on prostaglandin synthesis and vascular tone in the isolated rat kidney. Effect of Ca++ antagonists and calmodulin inhibitors. Cooper CL, et al. **Circ Res** 1985 Jan;56(1):97-108

Effects of fenflumizole on aggregation ex vivo of human platelets and formation of thromboxane B2 and 6-keto-prostaglandin-F1 alpha. Vinge E, et al. **Eur J Clin Pharmacol** 1984;26(6):711-7

Thromboxane and prostacyclin synthesis following whole body irradiation in rats. Schneidkraut MJ, et al. **J Appl Physiol** 1984 Sep;57(3):833-8

Cardiac prostacyclin kinetics during cardiopulmonary bypass. Kobinia GS, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):965-71

Angiotensin II stimulation of prostaglandin E2 and 6-keto-F1 alpha formation by isolated human glomeruli. Stahl RA, et al. **Kidney Int** 1984 Jul;26(1):30-4

Heated fat, vitamin E and vascular eicosanoids. Giani E, et al. **Lipids** 1985 Jul;20(7):439-48

Effect of nicotine on fetal prostacyclin and thromboxane in humans. Ylikorkala O, et al. **Obstet Gynecol** 1985 Jul; 66(1):102-5

Does human placenta produce prostacyclin? Jeremy JY, et al. **Placenta** 1985 Jan-Feb;6(1):45-52

Delayed effects of experimental maternal diabetes on plasma cholesterol level and vascular prostacyclin synthesis in the offspring. Bydlowski SP, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):553-7

Production of prostacyclin, 6-keto-PGF1 alpha and thromboxane B2 by incubated samples of umbilical vessels: a comparison of methods for expressing the results on dry weight, wet weight, protein or DNA bases. Benedetto C, et al. **Prostaglandins** 1984 Aug;28(2):195-208

Age-, cycle- and topographic dependency of human myometrial prostaglandin (6-keto-PGF1 alpha, PGF2 alpha)-synthesis in vitro. Quaas L, et al. **Prostaglandins** 1985 May;29(5):739-45

The effects of alpha 1-adrenergic and muscarinic cholinergic stimulation on prostaglandin release by rabbit iris. Yousufzai SY, et al. **Prostaglandins** 1984 Sep;28(3):399-415

Immunoreactive thromboxane B2 and 6-keto-prostaglandin F1 alpha in neonatal hyperbilirubinemia. Kääpä P. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):97-105

6-Oxo-prostaglandin F1a production by guinea-pig skeletal muscle in vitro: the effects of oestradiol and progesterone. Kerry PJ. **Prostaglandins Leukotrienes Med** 1985 Mar; 17(3):283-9

Blood changes and enhanced thromboxane and 6-keto prostaglandin F1 alpha production in experimental acute Plasmodium bergei infection in hamsters. Essien EM, et al. **Thromb Haemost** 1984 Jul 29;51(3):362-5

Normal vascular prostacyclin generation in patients with chronic myeloproliferative disorders. Cortelazzo S, et al. **Thromb Res** 1985 Jul 1;39(1):139-41

Effect of cyclosporine on the generation of prostanoids by cultured peripheral lymphocytes. Schultze G, et al. **Transplant Proc** 1984 Oct;16(5):1214-7

BLOOD

Effects of platelet-activating factor on coronary hemodynamics and coronary venous plasma levels of TXB2, 6-keto-PGF1 alpha, and leukotriene C4 immunoreactivity in the intact domestic pig heart. Ezra D, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:19-21

6-Keto prostaglandin F1 alpha, thromboxane B2, and 13,14-dihydro-15-keto prostaglandin F concentrations of normotensive and preeclamptic patients during pregnancy, delivery, and the postpartum period. Yamaguchi M, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):121-7

Plasma concentrations of thromboxane and prostacyclin metabolites in patients with bone tumors. Mehta P, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):88-91

Coronary and systemic 6-ketoprostaglandin F1 alpha and thromboxane B2 during myocardial ischemia in dog. Prosdocimi M, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H493-9

Lung function and plasma levels of thromboxane B2, 6-ketoprostaglandin F1 alpha and beta-thromboglobulin in antigen-induced asthma before and after indomethacin pretreatment. Shephard EG, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):459-70

Intravenous infusion of a selective inhibitor of thromboxane A2 synthetase in man: influence on thromboxane B2 and 6-keto-prostaglandin F1 alpha levels and platelet aggregation. Yui Y, et al. **Circulation** 1984 Oct; 70(4):599-605

Prostacyclin and thromboxane in non-insulin dependent diabetes: the chlorpropamide alcohol flush reaction revisited. Johnston C, et al. **Clin Sci** 1984 Dec;67(6):633-8

Thromboxane, prostacyclin, beta-thromboglobin, and diabetes mellitus. Brunner D, et al. **Clin Ther** 1984; 6(5):636-42

Elevated plasma 6-keto-prostaglandin F1 alpha in patients in septic shock. Halushka PV, et al. **Crit Care Med** 1985 Jun;13(6):451-3

Thromboxane and prostacyclin in clinical acute respiratory failure. Slotman GJ, et al. **J Surg Res** 1985 Jul;39(1):1-7

Coronary spasm, prostaglandin and HLA factors. Numano F, et al. **Jpn Circ J** 1985 Jan;49(1):119-27

Plasma thromboxane B2, 6-keto PGF1 alpha and cyclic nucleotides levels as related to treadmill exercise test in patients with ischemic heart disease. Yajima M, et al. **Jpn Circ J** 1985 Jan;49(1):38-45

Plasma concentrations of 6-keto-prostaglandin F1 alpha, thromboxane B2 and platelet aggregation in patients with essential hypertension. Chen LS, et al. **Jpn Heart J** 1984 Nov;25(6):1001-9

The concentrations of 6-keto-PGF1 alpha and TXB2 in plasma samples from patients with benign and malignant tumours of the breast. Nigam S, et al. **Prostaglandins** 1985 Apr;29(4):513-28

Effect of propranolol, practolol and atenolol on human platelet thromboxane formation and plasma levels of prostaglandins 6-keto-F1 alpha and E2. Brandt R, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):191-203

Comparison of radioimmunoassay and high-resolution gas chromatography mass spectrometry for the quantitative determination of serum thromboxane B2 and 6-keto-PGF1 alpha after pharmacological blockade of thromboxane synthetase. Chiabrando C, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):79-88

Plasma 6-keto prostaglandin F1 alpha and thromboxane B2 in sick preterm neonates. Hutchison AA, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):163-81

A randomized trial of the effect of vitamin E on plasma prostacyclin (6-keto-PGF1 alpha) levels in healthy adults. Swartz SL, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):105-11

6-Keto prostaglandin F1 alpha, thromboxane B2 and 13,14-dihydro-15-keto prostaglandin F levels in maternal and fetal plasma. Yamaguchi M, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):325-36

Elevated thromboxane B2 levels during erection [letter] Bornman MS, et al. **S Afr Med J** 1985 Jun 29;67(26):1040

Development of a radioimmunoassay for the measurement of prostacyclin metabolites in unextracted plasma. McLaren M, et al. **Thromb Res** 1985 Jan 1;37(1):177-83

[Changes in the plasma 6-keto-PGF1 alpha level during canine endotoxic shock] Xiao DM, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):50-2 (Eng. Abstr.) **(Chi)**

[Cigarette smoking and lung metabolism--effect of cigarette smoking on blood levels of 6-keto PGF1 alpha, thromboxane B2 and lipoperoxide in healthy volunteers] Ishihara Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1122-6 (Eng. Abstr.) **(Jpn)**

[A radioimmunoassay of 6-keto PG F1 alpha using [125I]-6-keto PG F1 alpha-tyramide] Sekine M. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):1-13 (Eng. Abstr.) **(Jpn)**

[Effect of psychological stress on the activity of the sympathetic-adrenal system and blood levels of PGE2, PGF2 alpha and 6-keto-PGF1 alpha in patients with primary arterial hypertension] Wocial B, et al. **Pol Arch Med Wewn** 1984 Oct;72(4):175-81 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

Monoclonal antibodies against E- and F-type prostaglandins. High specificity and sensitivity in conventional radioimmunoassays. Brune K, et al. **FEBS Lett** 1985 Jul 1;186(1):46-50

METABOLISM

Peritoneal fluid 6-keto-prostaglandin F1 alpha, thromboxane B2 in endometriosis and unexplained infertility. Koskimies AI, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:19-21

Amniotic fluid 6-keto-prostaglandin F1 alpha and thromboxane B2 during labor. Mäkäräinen L, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):765-8

Adenosine-induced coronary release of prostacyclin at normal and low pH in isolated heart of rabbit. Ciabattoni G, et al. **Br J Pharmacol** 1985 Jun;85(2):557-63

Catabolism of 6-keto prostaglandin E1 by rat kidney homogenates. Pace-Asciak CR, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):709-14

Modification of brain vascular eicosanoids after pharmacological treatment and ischemia in the rat: drugs and brain vascular eicosanoids. Galli C, et al. **Cephalalgia** 1985 May;5 Suppl 2:79-81

Prostaglandin and thromboxane production in ovarian cancer tissue. Heinonen PK, et al. **Gynecol Obstet Invest** 1984; 18(5):225-9

Effect of prenatal dexamethasone on immunoreactive 6-ketoprostaglandin F1 alpha levels in fetal rat lungs. Tsai MY, et al. **Pediatr Res** 1984 Sep;18(9):908-11

Differential effects of various vasoactive drugs on basal and stimulated levels of TXB2 and 6-keto-PGF1 alpha in rat brain. Petroni A, et al. **Prostaglandins** 1985 Apr; 29(4):579-87

SECRETION

Effect of trifluoperazine, a calmodulin antagonist, on prostaglandin output from the guinea-pig uterus. Poyser NL. **J Reprod Fertil** 1985 Jan;73(1):295-303

URINE

Urinary 6-keto-PGF1 alpha after captopril and indomethacin: possible contribution of PGI2 to the antihypertensive mechanism of ACE inhibitors. Minuz P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:199-202

Reduction of urinary excretion of PGE2 and 6 keto PGF1 alpha by tiaprofenic acid. Lote CJ, et al. **Br J Pharmacol** 1985 May;85(1):7-10

Influence of age, sex and potassium excretion on urinary prostaglandins in children. Barden A, et al. **Clin Sci** 1985 May;68(5):601-4

Urinary 6-keto-prostaglandin F1 alpha during ovulation induction. Ylikorkala O, et al. **Fertil Steril** 1985 May; 43(5):753-6

Assay methods for 6-keto-prostaglandin F1 alpha in human urine. Comparison of chromatographic techniques with radioimmunoassay and gas chromatography-negative-ion chemical-ionization mass spectrometry. Zipser RD, et al. **J Chromatogr** 1985 Apr 12;339(1):1-9

Responses of urinary 6-keto-prostaglandin F1 alpha to furosemide administration test in patients with essential hypertension. Watanabe Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1213-21

PGE2, 6-O-PGF1 alpha and sodium balance in essential hypertensive patients. Gotoh S, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):293-301

The effect of a thromboxane synthetase inhibitor, OKY-046, on urinary excretion of immunoreactive thromboxane B2 and 6-keto-prostaglandin F1 alpha in patients with ischemic cerebrovascular disease. Uyama O, et al. **Stroke** 1985 Mar-Apr;16(2):241-4

KETOSES

METABOLISM

14C labelling of octulose bisphosphates by L-type pentose pathway reactions in liver in situ and in vitro. Williams JF, et al. **Biochem Int** 1985 Jul;11(1):97-106

KETOSIS see under **ACIDOSIS**

KETOSIS, DIABETIC see under **ACIDOSIS, DIABETIC**

KETOSTEROIDS

Conformational analysis of 20-keto steroids. Single-crystal X-ray structure analysis of 16 alpha,17-epoxy-4-pregnene-3,20-dione. Goubitz K, et al. **Steroids** 1984 Aug;44(2):153-8

BIOSYNTHESIS

Factors involved in interferon-induced or cholera toxin-induced steroidogenesis in Y-1 mouse adrenal tumour cells. Matsuguchi M, et al. **J Gen Virol** 1985 Feb; 66 (Pt 2):267-73

METABOLISM

6-Oxygenation of 3-oxo-4-ene-steroids in high yields after 3-imine-formation. Eriksson CG, et al. **J Steroid Biochem** 1985 May;22(5):649-55

Formation of imine derivatives between biologically occurring amines and oxo-steroids. Eriksson CG, et al. **J Steroid Biochem** 1984 Dec;21(6):643-51

17-KETOSTEROIDS

METABOLISM

Reduction of 17-keto steroids by anaerobic microorganisms isolated from human fecal flora. Winter J, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):208-11

URINE

Relationship between serum dehydroepiandrosterone sulphate and urinary 17-ketosteroid values. Fehér T, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):209-16

3-Chloroformyl-7-methoxycoumarin as a fluorescent derivatization reagent for alcoholic compounds in liquid chromatography and its use for the assay of 17-oxosteroids in urine. Hamada C, et al. **J Chromatogr** 1985 Jun 14; 341(2):426-31

Adrenocortical carcinoma with Cushing's syndrome presenting unusual urinary 17-ketosteroid fractionation. Watanobe H, et al. **J Endocrinol Invest** 1985 Jun; 8(3):249-52

Anti-arthritic propionic acid derivatives and 17-oxosteroid measurements--a direct interference. Ng LL, et al. **Postgrad Med J** 1985 Aug;61(718):739-40

Low adrenal androgenic-anabolic steroids in women with rheumatoid arthritis (RA): gas-liquid chromatographic studies of RA patients and matched normal control women indicating decreased 11-deoxy-17-ketosteroid excretion. Masi AT, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):1-23 (101 ref.)

[Orchiectomy in spermatic cord torsion--hormonal and spermatological research] Tsvetkov D. **Akush Ginekol (Sofiia)** 1985;24(3):46-50 (Eng. Abstr.) **(Bul)**

[Diagnostic use of the determination of the spectrum of 17-oxosteroids during dynamic testing of adrenal and gonadal functions] Novákova J, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):798-802 (Eng. Abstr.) **(Cze)**

[A simplified method of determining total 17-oxosteroids (without hydrolysis) and 17-OH-corticosteroids in urine] Tomsova Z, et al. **Cas Lek Cesk** 1984 Dec 14; 123(50):1545-7 (Eng. Abstr.) **(Cze)**

[Further study of boys with incompletely descended testes]

Strakova M, et al. **Cesk Pediatr** 1985 Feb;40(2):88-90 (Eng. Abstr.) **(Cze)**

[Gas chromatographic separation of urinary 17-ketosteroids in children] Lorè F, et al. **Minerva Endocrinol** 1984 Jul-Sep; 9(3):349-53 (Eng. Abstr.) **(Ita)**

[Hormonal profiles and structures in normal women and in patients with benign and malignant breast diseases] Imayoshi E, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1014-20 (Eng. Abstr.) **(Jpn)**

[Quantitative determination and normal response of seven components of 17-KS in urine by high performance liquid chromatography] Itsuji Y, et al. **Rinsho Byori** 1984 Jun; 32(6):641-5 **(Jpn)**

[Effect of alcohol on the 11-hydroxycorticosteroid and 17-ketogenic steroid levels in man taking into account biorhythms] Latenkov VP, et al. **Farmakol Toksikol** 1985 May-Jun;48(3):91-5 (Eng. Abstr.) **(Rus)**

[Sympathetic-adrenal system activity and the urinary 17-ketosteroids in excess consumption of easily assimilated carbohydrates] Abdukalykov EA, et al. **Lab Delo** 1984; (8):483-5 **(Rus)**

[Indices of body development and the circadian excretion of 17-hydroxycorticosteroids and 17-ketosteroids in children with myopia at various ages] Kolosov VI. **Oftalmol Zh** 1984;(8):480-4 (Eng. Abstr.) **(Rus)**

KETOSUCCINATES see **OXALOACETATES**

KETOTIFEN

ADMINISTRATION & DOSAGE

Suppressive effects of oral ketotifen on skin responses to histamine, codeine, and allergen skin tests. Wang SS, et al. **Ann Allergy** 1985 Jul;55(1):57-61

PHARMACODYNAMICS

Inhibition of eosinophils degranulation by Ketotifen in a patient with milk allergy, manifested as bronchial asthma--an electron microscopic study. Podleski WK, et al. **Agents Actions** 1984 Oct;15(3-4):177-81

Ketotifen effect on secretion of histamine from basophils and on proliferative response of mononuclear cells of human peripheral blood. Gushchin IS, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):111-21

Ketotifen action upon the immunity state in bronchial asthma. Zavázal V. **Czech Med** 1985;8(2):104-11

Effects of HC 20-511 (ketotifen) on chemiluminescence of human neutrophils. Kato T, et al. **Inflammation** 1985 Mar; 9(1):45-51

Determination of the central effects of the asthma prophylactic ketotifen, the bronchodilator theophylline, and both in combination: an application of quantitative electroencephalography to the study of drug interactions. Matejcek M, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):258-66

Immunologic and therapeutic aspects of ketotifen. Craps LP. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):389-93

[Ketotifen in the therapy of bronchial asthma] Ferrari M, et al. **Clin Ter** 1984 Nov 30;111(4):315-23 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

A steroid-sparing effect of ketotifen in steroid dependent asthmatics. Madalinska M, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):9-11

Comparison of long term treatment of asthmatic children with hyposensitization, ACTH, DSCG and Ketotifen. Osváth P, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec;12(6):471-7

Clinical and therapeutical aspects of cold urticaria (urticaria a frigore). Seropian E, et al. **Allergol Immunopathol (Madr)** 1984 Jul-Aug;12(4):303-11

Long-term modification on histamine-induced bronchoconstriction by disodium cromoglycate and ketotifen versus placebo. Gozalo Reques F, et al. **Allergy** 1985 May;40(4):242-9

A clinical trial of ketotifen in Thai asthmatics. Fuangtong R. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):27-30

The effect of ketotifen on the in vitro immune function of asthmatic children. Hsieh KH. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):85-8

Acute effect of ketotifen on the dose-response curve of histamine and methacholine in asthma. Lisboa C, et al. **Br J Dis Chest** 1985 Jul;79(3):235-43

Ketotifen in African children. Mgone CS. **Int J Clin Pharmacol Res** 1983;3(3):175-8

Influence of drug therapy on bronchial hyperreactivity. Forche G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):320-2

The effect of ketotifen on bronchial hyperreactivity in childhood asthma. Graff-Lonnevig V, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):59-63

A multicenter trial of the prophylactic effect of ketotifen, theophylline, and placebo in atopic asthma. Tinkelman DG, et al. **J Allergy Clin Immunol** 1985 Sep;76(3):487-97

The role of ketotifen in children with recurrent bronchitis. Suwanjutha S, et al. **J Int Med Res** 1985;13(1):24-30

Inverse relation between peak expiratory flow rate (PEFR) and duration of attacks in asthmatics undergoing therapy with Ketotifen. Baskaranathan S, et al. **Med J Zambia** 1984 Jan;18(1):15-8

A comparison of the inhibitory effects of ketotifen and disodium cromoglycate on bronchial responses to house dust, with special reference to the late asthmatic response. Adachi M, et al. **Pharmatherapeutica** 1984;4(1):36-42

Effect of Zaditen on serum neutrophil chemotactic activity in exercise-induced asthma. Nagy L, et al. **Respiration** 1985; 47(1):21-3

Clinical investigation of ketotifen in perennial allergic rhinitis. a double-blind comparative study of ketotifen and clemastine fumarate. Okuda M. **Rhinology** 1984 Sep; 22(3):171-82

[Comparative study of the effect of intal and zaditen in patients with atopic bronchial asthma at Sandanski health resort] Petrov D, et al. **Vutr Boles** 1985;24(2):65-70 (Eng. Abstr.) **(Bul)**

[Long-term treatment with ketotifen and levels of growth hormone in children] Doleček R, et al. **Cesk Pediatr** 1984 Dec;39(12):718-20 (Eng. Abstr.) **(Cze)**

[Treatment of asthma with Zaditen] Dakhlia S, et al. **Tunis Med** 1984 May-Jun;62(3):209-11 (Eng. Abstr.) **(Fre)**

[Treatment of acquired cold urticaria with ketotifen] Haustein UF, et al. **Dermatol Monatsschr** 1984;170(8):536-7 **(Ger)**

[Development of clinical symptoms in asthmatic children under long-term treatment of ketotifen] Póder G, et al. **Padiatr Grenzgeb** 1985;24(2):175-80 (Eng. Abstr.) **(Ger)**

[Ketotifen as prophylaxis in childhood bronchial asthma] Brook U. **Harefuah** 1984 Jul;107(1-2):17-8 (Eng. Abstr.) **(Heb)**

[Preventive effect of ketotifen in allergic rhinitis caused by grasses] Moretti AM, et al. **Clin Ter** 1984 Aug 31; 110(4):341-3 (Eng. Abstr.) **(Ita)**

[A comparison between Chinese blended medicine 'shoseiryuto', tranilast and ketotifen on the anti-allergic action in the guinea pigs] Takeuchi Y, et al. **Arerugi** 1985 Jun;34(6):387-93 (Eng. Abstr.) **(Jpn)**

[Effectiveness of ketotifen--a drug stabilizing mast cell membranes--in the treatment of chronic forms of Horton's headache] Split W, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):105-9 (Eng. Abstr.) **(Pol)**

[Effect of ketotifen (zaditen) on the clinical course of bronchial asthma and obstructive bronchitis in children] Zychowicz C, et al. **Pediatr Pol** 1984 Oct;59(10):813-20 (Eng. Abstr.) **(Pol)**

[Zaditen in the treatment of atopic bronchial asthma in adults] Ciszek J, et al. **Pneumonol Pol** 1985 Jan;53(1):27-30 (Eng. Abstr.) **(Pol)**

[Effect of Zaditen on plasma immunoglobulin levels in patients with bronchial asthma] Wasek Z, et al. **Pneumonol Pol** 1985 Feb;53(2):81-4 (Eng. Abstr.) **(Pol)**

[Comparison of the effects of Kenalog and Zaditen on the clinical state and plasma cAMP levels of patients with bronchial asthma] Wasek Z, et al. **Pneumonol Pol** 1985 Feb; 53(2):85-90 (Eng. Abstr.) **(Pol)**

[Personal experience in the prevention of asthma in children using ketotifen] Stančić M. **Srp Arh Celok Lek** 1984 Feb; 112(2):197-203 (Eng. Abstr.) **(Scc)**

[Ketotifen in allergic rhinitis] de la Torre A. **Alergia** 1985 Jan-Mar;32(1):31-4 (Eng. Abstr.) **(Spa)**

[Bronchial asthma and ketotifen. Open clinical study of children] Garza Rodríguez R, et al. **Alergia** 1985 Apr-Jun; 32(2):57-9 (Eng. Abstr.) **(Spa)**

[Ketotifen in the prophylaxis of infantile asthma. Controlled clinical trials.] Huerta López JG. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):1-7 (Eng. Abstr.) **(Spa)**

KHELLIN

ANALOGS & DERIVATIVES

Native American food and medicinal plants, 5. Isolation of the lipid altering visnagin from Musineon divaricatum. Cardellina JH 2d, et al. **J Nat Prod** 1984 Nov-Dec; 47(6):1060

ANALYSIS

Rapid separation and quantitative determination of khellin and visnagin in Ammi visnaga (L.) Lam. fruits by high-performance liquid chromatography. Martelli P, et al. **J Chromatogr** 1984 Sep 28;301(1):297-302

KIDD BLOOD-GROUP SYSTEM see under **BLOOD GROUPS**

KIDNEY

see related
DIURESIS
NEPHRECTOMY

Effect of cooling and warming rate on glycerolized rabbit kidneys. Jacobsen IA, et al. **Cryobiology** 1984 Dec; 21(6):637-53

Preservation of renal function by adenosine-stimulated ATP synthesis in hypothermically perfused dog kidneys. Southard JH, et al. **Cryobiology** 1985 Jun;22(3):237-42

Optimal redox electrode potential for 24-hour rabbit kidney perfusion. Collins GM, et al. **J Surg Res** 1985 Sep; 39(3):246-50

Use of the flexible fiberoptic nephroscope in the preoperative evaluation and delayed repair of traumatic urethral strictures. Lewis RM, et al. **J Urol** 1985 Jun;133(6):1036-7

Use of a balloon-tipped perfusion catheter for renal preservation during suprarenal abdominal aortic operations. Walker HS 3d, et al. **J Vasc Surg** 1985 Mar;2(2):337-9

Abstracts: Italian Society of Nephrology. Abano Terme, Italy, May 30-June 2, 1984. **Kidney Int** 1985 Jan; 27(1):93-374

Effects of bladder pressure on renal function [letter] Jones DA, et al. **Lancet** 1985 Aug 24;2(8452):446

Ectopic immature renal tissue. Report of two cases. Goldberg J, et al. **Pathol Res Pract** 1984 Sep;179(1):115-23

Short-term kidney preservation: to perfuse or not to perfuse with the new Belzer perfusate. McCabe R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1027-31

A technique for renal preservation during suprarenal abdominal aortic operations. Ochsner JL, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):388-90

Physical characteristics of percutaneous nephroscopes. Khasidy LR, et al. **Urology** 1985 Jul;26(1):37-9

[Unusual renal displacement due to extreme splenomegaly] Langer R. **Rontgenblatter** 1985 Apr;38(4):121-3 (Eng. Abstr.) **(Ger)**

[Renal turgor as a criterion of viability] Kleiza VIu, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):113-5 **(Rus)**

[Age and echographic parameters of the kidneys in children] Dvoriakovskiĭ IV, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct; (5):26-9 (Eng. Abstr.) **(Rus)**

[Permissible time of the hypothermic perfusion of the kidneys with albumin-salt solutions] Ilgiavichiute IaS, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):61-5 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Horseshoe kidney and abdominal aortic aneurysm. Louagie YA, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):249-54

VACTERL-association. Czeizel A, et al. **Acta Morphol Hung** 1984;32(2):75-96

Lithiasis in horseshoe kidney. Mottola A, et al. **Acta Urol Belg** 1984;52(3):355-60

Prenatal diagnosis of urinary tract malformations. Broyer M, et al. **Adv Nephrol** 1985;14:21-38

Renal and testicular agenesis in a patient with Darier's disease. Matsuoka LY, et al. **Am J Med** 1985 May; 78(5):873-7

A family study of renal dysplasia. Al Saadi AA, et al. **Am J Med Genet** 1984 Dec;19(4):669-77

Renal agenesis in British Columbia. Wilson RD, et al. **Am J Med Genet** 1985 May;21(1):153-69

Bilateral renal agenesis in twins. Wilson RD, et al. **Am J Med Genet** 1985 May;21(1):147-52, 167-9

Maternal furosemide may not provoke urine production in the compromised fetus. Harman CR. **Am J Obstet Gynecol** 1984 Oct 1;150(3):322-3

Horseshoe kidney and renovascular hypertension responsive to percutaneous transluminal angioplasty. Dang CV, et al. **Ann Intern Med** 1985 Jan;102(1):70-1

Fanconi's anemia, medulloblastoma, Wilms' tumor, horseshoe kidney, and gonadal dysgenesis. de Chadarévian JP, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):367-9

Potter's syndrome associated with renal agenesis or dysplasia. Morphological and biochemical study of the lung. Nakamura Y, et al. **Arch Pathol Lab Med** 1985 May; 109(5):441-4

Papillary mucinous cystadenoma of probable renal pelvic origin in a horseshoe kidney. Ross DG, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):954-5

Failure of mullerian duct development. The Mayer-Rokitansky-Kuster-Hauser syndrome. Wright JE. **Aust Paediatr J** 1984 Nov;20(4):325-7

Bilateral pelvic ectopic kidneys. Halwagy H. **Br J Urol** 1984 Oct;56(5):545

Carcinoid tumor occurring in a teratoid malformation of the kidney. An immunohistochemical study. Fetissof F, et al. **Cancer** 1984 Nov 15;54(10):2305-8

Nephroblastomatosis and Wilms' tumor. Clinical experience and management of seven patients. Heideman RL, et al. **Cancer** 1985 Apr 1;55(7):1446-51

Gustatory lacrimation in association with the branchio-oto-renal syndrome. Preisch JW, et al. **Clin Genet** 1985 May;27(5):506-9

More on IgA nephropathy in a patient with ankylosing spondylitis and a solitary kidney [letter] Méry JP, et al. **Clin Nephrol** 1984 Nov;22(5):267

Unilateral renal agenesis and other causes of the solitary photopenic renal fossa. Howard WH 3d, et al. **Clin Nucl Med** 1985 Apr;10(4):270-3

False-positive gastrointestinal bleeding study due to a pelvic kidney. Intenzo C, et al. **Clin Nucl Med** 1984 Sep;9(9):523-5

Abdominal scanning with Tc-99m red blood cells. False-positive study due to ectopic kidney. Suzuki Y, et al. **Clin Nucl Med** 1984 Nov;9(11):616-8

False-positive technetium-99m DMSA renal imaging in two cases of malrotated kidney. Ueno K, et al. **Clin Nucl Med** 1985 Jul;10(7):504-6

False-positive planar bone image due to horse shoe kidney. Evaluation with blood pool image and SPECT. Veluvolu P, et al. **Clin Nucl Med** 1985 Apr;10(4):292-3

Pelvic renal ectopia: an important consideration in the differential diagnosis of ilio-pelvic masses. Komolafe F, et al. **East Afr Med J** 1984 Aug;61(8):652-6

The antenatal diagnosis of Potter syndrome (Potter sequence). A lethal and not-so-rare malformation. Dicker D, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):17-24

Surgical treatment of stenosis of the pyeloureteral junction in pelvic kidney. Czaplicki M, et al. **Eur Urol** 1984;10(6):377-9

Solitary kidney with blind-ending ureteral duplication. Sharma SK. **Eur Urol** 1985;11(1):59-60

Horseshoe kidney with retrocaval ureter. Youssif M. **Eur Urol** 1985;11(1):61-2

Venous blood supply of the double kidneys. Augustyn M. **Folia Morphol** 1984;43(2):145-51

Surgical treatment with complication for horseshoe kidney. Kuramoto H, et al. **Fukuoka Igaku Zasshi** 1985 Feb;76(2):44-8

Congenital seminal vesicle cyst: a specific diagnosis by computed tomography. Drolshagen L, et al. **Henry Ford Hosp Med J** 1984;32(2):131-3

Transitional cell carcinoma in a pelvic kidney associated with recurrent lung cancer. Terai A, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1641-4

Two siblings with unilateral renal agenesis. Gupta NP, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):259-61

Left crossed renal ectopia with radiating pain on the left side. Jeyachandran A, et al. **J Indian Med Assoc** 1985 Jan;83(1):16-8

Mullerian duct anomalies and unilateral renal agenesis: report of 21 cases from Ramathibodi Hospital. Intaraprasert S, et al. **J Med Assoc Thai** 1985 Apr;68(4):183-9

A pedigree study of perinatally lethal renal disease. Bankier A, et al. **J Med Genet** 1985 Apr;22(2):104-11

Fraser syndrome presenting as monozygotic twins with bilateral renal agenesis. Mortimer G, et al. **J Med Genet** 1985 Feb;22(1):76-8

Correction of congenital hydronephrosis in utero IV: in utero decompression prevents renal dysplasia. Glick PL, et al. **J Pediatr Surg** 1984 Dec;19(6):649-57

Vesicopyelostomy in a pelvic kidney with uretero-pelvic junction obstruction and multiple renal calculi (a case report). Goel AK, et al. **J Postgrad Med** 1984 Oct;30(4):241-3

In utero diagnosis of crossed renal ectopia using high-resolution real-time ultrasound. Greenblatt AM, et al. **J Ultrasound Med** 1985 Feb;4(2):105-7

Neonatal hypertension from a unilateral multicystic dysplastic kidney. Chen YH, et al. **J Urol** 1985 Apr;133(4):664-5

Crossed fused ectopia with a blind left ureter in a young woman with Turner's syndrome: sonographic and radiological demonstration of a previously undescribed variant. Dolan LM, et al. **J Urol** 1984 Dec;132(6):1175-6

Percutaneous transperitoneal approach to a pelvic kidney for endourological removal of staghorn calculus. Eshghi AM, et al. **J Urol** 1985 Sep;134(3):525-7

Renal artery embolization to control urinary cutaneous fistula after partial resection of a horseshoe kidney. Freeman MP, et al. **J Urol** 1985 Apr;133(4):662-3

Obstructive uropathy, renal dysplasia and nodular renal blastema: is there a relationship to Wilms tumor? Gaddy CD, et al. **J Urol** 1985 Aug;134(2):330-3

Suggested terminology for duplex systems, ectopic ureters and ureteroceles. Glassberg KI, et al. **J Urol** 1984 Dec;132(6):1153-4

Horseshoe kidney in one of identical twin girls. Kalra D, et al. **J Urol** 1985 Jul;134(1):113

Wilms tumor in horseshoe kidneys: a report from the National Wilms Tumor Study. Mesrobian HG, et al. **J Urol** 1985 Jun;133(6):1002-3

Solitary crossed renal ectopia. Miles BJ, et al. **J Urol** 1985 Jun;133(6):1022-3

The posterolateral and the retrorenal colon: implication in percutaneous stone extraction. Skoog SJ, et al. **J Urol** 1985 Jul;134(1):110-2

Ureteropelvic junction obstruction in children with renal ectopy. Kramer SA, et al. **J Urol (Paris)** 1984;90(5):331-6

Ruptured abdominal aortic aneurysm with horseshoe kidney. Gutowicz MA, et al. **J Vasc Surg** 1984 Sep;1(5):689-91

The utility of ultrasound in the diagnosis of wandering abdominal viscera. Atlas SW, et al. **JCU** 1985 May;13(4):275-7

Obstructed duplex kidney in an adult: ultrasonic evaluation. Lavallée G, et al. **JCU** 1985 May;13(4):281-3

Intrathoracic kidney with a simple cyst in its upper pole diagnosed by ultrasound. Morcos SK. **JCU** 1985 Feb;13(2):127-9

Diagnosis of polar hypertrophy of the kidney revisited. Martinez LO, et al. **Mt Sinai J Med (NY)** 1984 Dec;51(6):697-701

Arterial blood pressure and the renin-angiotensin-aldosterone system during postural changes in hypertensive patients with unilateral renal mobility. Fommei E, et al. **Nephron** 1985;40(1):104-7

Eruption of rootless teeth in congenital renal disease. Brin I, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):61-4

Clinical aspects of the branchio-oto-renal syndrome. Smith PG, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):468-75

Renal dysplasia: a review. Taxy JB. **Pathol Annu** 1985;20 Pt 2:139-59 (52 ref.)

Is renal ultrasound a reliable indicator of a nonobstructed duplication anomaly? Horgan JG, et al. **Pediatr Radiol** 1984;14(6):388-91

Renal lymphangioma: a cause of neonatal nephromegaly. Pickering SP, et al. **Pediatr Radiol** 1984;14(6):445-8

Identical twins with uterus didelphys and duplex kidneys. Daw E, et al. **Postgrad Med J** 1985 Mar;61(713):269-70

Trisomy 20 mosaicism. Miny P, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):411-9

Duplication of the renal pelvis and ureter: associated anomalies and pathological conditions. Inamoto K, et al. **Radiat Med** 1983 Jan-Mar;1(1):55-64

Asymmetric horseshoe kidney in the infant: value of renal nuclear scanning. Grandone CH, et al. **Radiology** 1985 Feb;154(2):366

Adrenal glands in patients with congenital renal anomalies: CT appearance. Kenney PJ, et al. **Radiology** 1985 Apr;155(1):181-2

12-O-Tetradecanoyl-phorbol-13-acetate (TPA) induced congenital kidney defects and embryomortality in the CD-1 mouse. Huber BE, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):17-34

Horseshoe kidney: report of four cases clinical evaluation and management. Aragona F, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3-4):37-9

Unilateral duplex horseshoe kidney with ectopic ureterocele. Sumner TE, et al. **South Med J** 1985 Feb;78(2):199-201

Two adult cases of ectopic kidney. Miura M, et al. **Tokai J Exp Clin Med** 1984 Mar;9(1):7-11

Congenital renal ectopia in Nigeria. Report on 23 cases. Komolafe F. **Trop Doct** 1984 Oct;14(4):180-3

Association of congenital renal and intestinal lesions. Potts SR, et al. **Ulster Med J** 1983;52(2):164-6

Lower moiety hydronephrosis in duplicated kidneys. Amis ES Jr, et al. **Urology** 1985 Jul;26(1):82-8

Pyelovesicostomy: an alternative to ureteropelvic junction-plasty in pelvic ectopic kidneys. Carini M, et al. **Urology** 1985 Aug;26(2):125-8

Cyst of seminal vesicle associated with ipsilateral renal agenesis. Ejeckam GC, et al. **Urology** 1984 Oct;24(4):372-4

Case profile: Crossed fused ectopia misdiagnosed as retroperitoneal tumor. Klein FA, et al. **Urology** 1985 Apr;25(4):411-2

Case profile: bilateral pelvic ectopic kidneys. Shehata S, et al. **Urology** 1984 Nov;24(5):502

Wilms tumor arising in horseshoe kidney. Trulock TS, et al. **Urology** 1985 Mar;25(3):306-9

The child with solitary hydronephrotic kidney. Wehle M, et al. **Urology** 1985 Sep;26(3):269-73

[Cystic dysplasia of the kidney with contralateral renal agenesis and associated genital malformations] Carles D, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):283-7 (Eng. Abstr.) **(Fre)**

[Cystic dilatation of the pelvic ureter. Apropos of a case] Sebag A, et al. **Ann Radiol (Paris)** 1985;28(1):69-72 (Eng. Abstr.) **(Fre)**

[Medical retinal detachment in a child] Saudax E, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1421-3 (Eng. Abstr.) **(Fre)**

[Echographic aspects of fused kidneys. Apropos of 2 cases] Hendaoui L, et al. **J Radiol** 1985 Jan;66(1):53-7 (Eng. Abstr.) **(Fre)**

[What is your diagnosis? Intrathoracic right kidney diagnosed ultrasonically: apropos of a case] Tran-Minh V, et al. **Pediatrie** 1984 Jun;39(4):291-4 **(Fre)**

[Horseshoe kidney. Review and clinical and therapeutic analysis of a series of 24 patients] Bandelier D. **Ther Umsch** 1985 Feb;42(2):99-105 (Eng. Abstr.) **(Fre)**

[Occult pathology of renal system duplication] Fallet P, et al. **Ther Umsch** 1985 Feb;42(2):113-6 (Eng. Abstr.) **(Fre)**

[Crossed renal ectopia. Apropos of 3 cases] Boujnah H, et al. **Tunis Med** 1984 Sep;62(5):371-2 (Eng. Abstr.) **(Fre)**

[Apropos of nephromegaly in a child (letter)] Azouz EM. **Union Med Can** 1985 Jun;114(6):526 **(Fre)**

[Kidney agenesis in 2 generations. On the problem of humane genetic counseling in Potter syndrome] Anger H, et al. **Padiatr Grenzgeb** 1984;23(4):189-93 (Eng. Abstr.) **(Ger)**

[Results of operative therapy of double kidney] Ringert RH, et al. **Urologe [Ausg A]** 1985 Mar;24(2):87-93 (Eng. Abstr.) **(Ger)**

[Behavior of the renin-angiotensin-aldosterone system and vasopressin secretion in patients with renovascular hypertension or small kidney] Wieçek A, et al. **Z Gesamte Inn Med** 1985 Mar 15;40(6):172-6 (Eng. Abstr.) **(Ger)**

[Diagnosis and surgical treatment of renovascular hypertension in patients with a single kidney] Knjazev MD, et al. **Z Urol Nephrol** 1985 Apr;78(4):197-203 (Eng. Abstr.) **(Ger)**

[Thoracic ectopic kidney in childhood] Loós T, et al. **Orv Hetil** 1984 Nov 25;125(48):2921-3 (Eng. Abstr.) **(Hun)**

[Case of renovascular hypertension caused by renal artery stenosis in congenital single kidney in pelvic ectopy] Dean P, et al. **Minerva Urol Nefrol** 1984 Apr-Jun;36(2):135-8 (Eng. Abstr.) **(Ita)**

[Computerized tomography in obstruction of the upper urinary system in renal duplication in an adult] Lutman M, et al. **Radiol Med (Torino)** 1984 May;70(5):326-9 **(Ita)**

[Intrathoracic kidney: observations on 2 cases] Riggio S, et al. **Radiol Med (Torino)** 1984 Jun;70(6):415-6 **(Ita)**

[A case of seminal vesicle cyst associated with ipsilateral renal dysplasia and ectopic ureter opening into seminal vesicle] Hirano A, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1315-27 (Eng. Abstr.) **(Jpn)**

[Localization of hypoplastic kidney by enhanced computed tomography: experiences with five ectopic ureters with hypoplastic kidneys] Kawaguchi R, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1459-65 (Eng. Abstr.) **(Jpn)**

[Two cases of crossed renal ectopia without fusion] Miyakita H, et al. **Hinyokika Kiyo** 1985 Feb;31(2):295-9 (Eng. Abstr.) **(Jpn)**

[A case of renal cell carcinoma of horseshoe kidney that produced AFP and caused hypercalcemia] Okada H, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1453-8 (Eng. Abstr.) **(Jpn)**

[Horseshoe kidney in an infant associated with ureteropelvic junction and ureterovesical junction obstructions] Pak K, et al. **Hinyokika Kiyo** 1985 Mar;31(3):457-61 (Eng. Abstr.) **(Jpn)**

[Seminal vesicle cyst associated with contralateral renal agenesis: a case report] Shimamura M, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1263-7 (Eng. Abstr.) **(Jpn)**

[Renovascular hypertension with a solitary kidney associated with retrocaval ureter: a case report] Tanaka K, et al. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):849-54 (Eng. Abstr.) **(Jpn)**

[Clinical experience with a syndrome of renal failure, growth retardation and renoureteral dysmorphism] Miyabe N, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):646-53 (Eng. Abstr.) **(Jpn)**

[Oligomeganephronia with multiple anomalies] Yui I, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1529-37 (Eng. Abstr.) **(Jpn)**

[A case of thoracic kidney complicated with renal anomaly] Wagai F, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):713-8 (Eng. Abstr.) **(Jpn)**

[The movable kidney. Restrictive surgical treatment] Almdahl SM, et al. **Tidsskr Nor Laegeforen** 1985 Apr 30;105(12):809-10 (Eng. Abstr.) **(Nor)**

[Pregnancy and labor in women with solitary kidney--20-year observations] Zbroja-Sontag W, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1313-7 (Eng. Abstr.) **(Pol)**

[Surgical treatment of ectopic ureterocele] Borówka A, et al. **Przegl Lek** 1984;41(7):479-81 (Eng. Abstr.) **(Pol)**

[Fraley's solitary kidney syndrome in an 11-year-old girl] Kacprzyk SS, et al. **Wiad Lek** 1984 Jun 1;37(11):881-3 (Eng. Abstr.) **(Pol)**

[Potter's syndrome] Bene M, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1985 Jan-Mar;34(1):71-6, 92 (Eng. Abstr.) **(Rum)**

[Association of mucopolysaccharidosis with primary pulmonary hypertension and renal hypoplasia] Semidotskaia ZhD, et al. **Klin Med (Mosk)** 1985 Jun;63(6):126-7 **(Rus)**

[Pathology of organs of the urinary system in children with high risk of prenatal Coxsackie virus infection] Lozovskaia LS, et al. **Vestn Akad Med Nauk SSSR** 1985;(6):82-7 (Eng. Abstr.) **(Rus)**

[Case of intrarenal aneurysm of a congenital solitary left kidney] Antonov NM, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):87-8 **(Rus)**

[8 years' experience in echosonography of congenital anomalies of the kidney] Fučkar Z, et al. **Acta Chir Iugosl** 1984 Mar;31(2):217-33 (Eng. Abstr.) **(Scr)**

[Organ-type lithiasis. I. Congenital urologic pathology associated with lithiasis] Castiñeiras J, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):1-18 (Eng. Abstr.) **(Spa)**

[Unilateral renal agenesis and renal ectopia in Klippel-Feil syndrome] Gómiz León JJ, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):95-8 (Eng. Abstr.) **(Spa)**

[Congenital intrathoracic right kidney] Vásquez J, et al. **Arch Inst Cardiol Mex** 1984 Jul-Aug;54(4):377-9 (Eng. Abstr.) **(Spa)**

[Potter syndrome] Iglesias J, et al. **Rev Chil Obstet Ginecol** 1981;46(4):220-7 **(Spa)**

ANALYSIS

Autoradiographic localization of benzodiazepine receptors in the rat kidney. Beaumont K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F718-24

Isolation of calcium oxalate crystal growth inhibitor from rat kidney and urine. Nakagawa Y, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F765-72

Multielement assays of bovine tissue specimens by inductively coupled argon plasma emission spectroscopy. Stowe HD, et al. **Am J Vet Res** 1985 Mar;46(3):561-5

Reconstitution of calpain I and calpain II from their subunits: interchangeability of the light subunits. Kikuchi T, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):639-45

gamma-Carboxyglutamic acid content in human kidney and placenta. Pecci L, et al. **Biochem Int** 1983 May;6(5):593-8

Composition and physical properties of lipids from plasma membranes of dog kidney. Carmel G, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):149-57

The glomerular polyanion (GPA) of the rat kidney. III. Further characterization of a vaso-active serum factor which reduces GPA. Bakker WW, et al. **Br J Exp Pathol** 1985 Feb;66(1):47-55

Trace element levels in liver and kidney from cattle, swine and poultry slaughtered in Canada. Korsrud GO, et al. **Can J Comp Med** 1985 Apr;49(2):159-63

Localization of beta 1- and beta 2-adrenergic receptors in rat kidney by autoradiography. Healy DP, et al. **Circ Res** 1985 Aug;57(2):278-84

Functional significance of multiple forms of renin. Malvin RL, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1781-6

Neuropeptide Y: a novel renal peptide with vasoconstrictor and natriuretic activity. Allen JM, et al. **Clin Sci** 1985 Apr;68(4):373-7

alpha 2-Adrenoceptors in dog kidney: autoradiographic localization and putative functions. Summers RJ, et al. **Clin Sci** 1985;68 Suppl 10:105s-109s

Urinary and renal tissue kallikrein in the streptozocin-diabetic rat. Mayfield RK, et al. **Diabetes** 1985 Jan;34(1):22-8

Cell-free translational analysis of messenger ribonucleic acid coding for vitamin D-dependent rat renal calcium-binding protein. Pansini AR, et al. **Endocrinology** 1985 Oct;117(4):1652-60

Adrenalectomy reduces the density of 'peripheral-type' binding sites for benzodiazepines in the rat kidney. Basile AS, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):149-50

Autoradiographic localization of atriopeptin III receptors in rat kidney. Murphy KM, et al. **Eur J Pharmacol** 1985 May 8;111(2):291-2

Rapid assay of N-butyl-N-(3-carboxypropyl)nitrosamine in rat organs and urine by high-performance liquid chromatography after derivatization. Wada S, et al. **Gann** 1985 Mar;76(3):192-6

Construction of a model for the three-dimensional structure of human renal renin. Carlson W, et al. **Hypertension** 1985 Jan-Feb;7(1):13-26

Characterization of blood group active glycopeptides derived from porcine kidneys. Munakata H, et al. **Int J Biochem** 1985;17(3):301-8

Separation of nucleotides by high-voltage capillary electrophoresis. Tsuda T, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):330-6

Small fluorescent cells in the rat kidney contain 5-hydroxytryptamine not a catecholamine. Petrovic T, et al. **J Auton Nerv Syst** 1984 Dec;11(4):329-38

Characterization of sulfoglycosphingolipids by direct probe electron impact mass spectrometry. Ishizuka I, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):829-39

Purification of cofilin, a 21,000 molecular weight actin-binding protein, from porcine kidney and identification of the cofilin-binding site in the actin sequence. Muneyuki E, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):563-8

Characterization of a 36,000-dalton protein from the surface of Madin-Darby canine kidney cells involved in cell attachment and spreading. Sabanero M, et al. **J Cell Biol** 1985 Jun;100(6):2001-7

Separation of cadaverine from putrescine, histamine and polyamines in rat kidney by phosphocellulose chromatography. Furuta H, et al. **J Chromatogr** 1985 Jan 11;337(1):103-9

Immunocytochemical localization of vasopressin-binding sites in the rat kidney. Ravid R, et al. **J Endocrinol** 1985 Apr;105(1):133-40

Immunocytochemical localization of atrial natriuretic factor in the kidney, adrenal medulla, pituitary, and atrium of rat. McKenzie JC, et al. **J Histochem Cytochem** 1985 Aug;33(8):828-32

The purification of a high-molecular-weight, enzymatically inactive renin precursor from human kidney. McIntyre GD, et al. **J Hypertens** 1984 Jun;2(3):305-10

Stereoisomeric configuration of arabinitol in serum, urine, and tissues in invasive candidiasis. Bernard EM, et al. **J Infect Dis** 1985 Apr;151(4):711-5

Studies on the purification of thrombopoietin from kidney cell culture medium. McDonald TP, et al. **J Lab Clin Med** 1985 Aug;106(2):162-74

Copper toxicosis and tolerance in the rat. I--Changes in copper content of the liver and kidney. Haywood S. **J Pathol** 1985 Feb;145(2):149-58

Mechanism of renal lead-binding protein reversal of delta-aminolevulinic acid dehydratase inhibition by lead. Goering PL, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):365-71

Prediction of kidney mercury content by isotope techniques. Hursh JB, et al. **Kidney Int** 1985 Jun;27(6):898-907

Demonstration of N-acetyldopamine in human kidney and urine. Elchisak MA, et al. **Life Sci** 1984 Dec 17;35(25):2561-9

beta-Adrenoceptor subtypes in sections of rat and guinea-pig kidney. Engel G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):354-7

Autoradiographic localization of 'peripheral-type' benzodiazepine binding sites in the rat brain, heart and kidney. Gehlert DR, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb;328(4):454-60

Dietary administration of nickel: effects on behavior and metallothionein levels. Nation JR, et al. **Physiol Behav** 1985 Mar;34(3):349-53

X-ray microanalysis of liver and kidney in copper loaded sheep with and without thiomolybdate administration. Jones HB, et al. **Res Vet Sci** 1984 Nov;37(3):273-82

Kidney and liver levels of some major, minor and trace elements in two Ontario communities. Subramanian KS, et al. **Sci Total Environ** 1985 Apr;42(3):223-35

Simple fluorimetric screening for carazolol in swine kidneys by means of Sep-Pak cartridges. Engelsma JW, et al. **Vet Q** 1985 Jan;7(1):73-6

Progressive multifocal leucoencephalopathy: analysis of JC virus DNA from brain and kidney tissue. Dörries K. **Virus Res** 1984 Jan;1(1):25-38

[Determination and occurrence of ochratoxin A in slaughtered swine] Bauer J, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1;97(8):279-83 (Eng. Abstr.) **(Ger)**

[Ochratoxin A in pork kidneys--description of a method] Wilken C, et al. **Z Lebensm Unters Forsch** 1985 Jun;180(6):496-7 (Eng. Abstr.) **(Ger)**

[Cytoplasmic cAMP receptors in the kidneys of rats of different ages studied by gel filtration] Solenov EI, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):683-5 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Kidney size in children assessed by ultrasonography and urography. Hederström E, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan-Feb;26(1):85-91

Sonographic measurements and appearance of normal kidneys in children. Han BK, et al. **AJR** 1985 Sep;145(3):611-6

Phenolsulfonphthalein test in healthy sheep and in sheep with reductions in functional renal mass. Filippich LJ, et al. **Am J Vet Res** 1985 Mar;46(3):733-8

Morphological and morphometrical study of the kidney of the male tropical lizard Tropidurus torquatus. Soares AM, et al. **Anat Anz** 1984;157(5):365-73

The structure of the kidney from the freshwater teleost Carassius auratus. Sakai T. **Anat Embryol (Berl)** 1985;171(1):31-9

Microscopic postmortem changes in kidneys of the domestic fowl. Alejandro VS, et al. **Avian Dis** 1984 Jul-Sep;28(3):586-607

A rapid method for renal vascular perfusion for light and transmission electron microscopy of chicken kidney. Brown TP, et al. **Avian Dis** 1985 Apr-Jun;29(2):561-7

Active microwave tomographic imaging of isolated, perfused animal organs. Guerquin-Kern JL, et al. **Bioelectromagnetics** 1985;6(2):145-56

Morphologic changes in the renal tract in pregnancy. Beydoun SN. **Clin Obstet Gynecol** 1985 Jun;28(2):249-56

Kidney patterns in some teleostean fishes--a morphological study. Singh S, et al. **Folia Morphol (Praha)** 1984;32(3):288-92

Normal limits for renal mobility in children. Prandota J, et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):171-4

The tissue proton T1 and T2 response to gadolinium DTPA injection in rabbits. A potential renal contrast agent for NMR imaging. Wolf GL, et al. **Invest Radiol** 1984 Jul-Aug;19(4):324-8

Ultrasonic backscatter from mammalian tissues. Fei DY, et al. **J Acoust Soc Am** 1985 Sep;78(3):871-6

Dimensional changes of tissues in the course of processing. Iwadare T, et al. **J Microsc** 1984 Dec;136 (Pt 3):323-7

Topography of intrarenal lymphatics. Eliska O. **Lymphology** 1984 Dec;17(4):135-41

Kidney size in childhood. Sonographical growth charts for kidney length and volume. Dinkel E, et al. **Pediatr Radiol** 1985;15(1):38-43

The junctional parenchymal defect: a sonographic variant of renal anatomy. Carter AR, et al. **Radiology** 1985 Feb;154(2):499-502

The renovertebral index in kidney size estimation using computerised tomography. Bruna J. **ROFO** 1985 May;142(5):587

Endoscopic visualization of the supravesical urinary tract: transurethral ureteropyeloscopy and percutaneous nephroscopy. Huffman JL, et al. **Semin Urol** 1985 Feb;3(1):60-75 (50 ref.)

The adrenal gland components in the head kidneys of some marine and fresh water teleosts from Egypt. Khalil RM, et al. **Z Mikrosk Anat Forsch** 1984;98(5):685-98

[Morphological behavior of the renal corpuscle of the garden dormouse during hibernation] Milla MA. **Acta Anat (Basel)** 1985;121(1):21-5 (Eng. Abstr.) **(Fre)**

[Comparative sonographic-anatomic studies aimed at demonstrating intrarenal fine structure] Zilch HG, et al. **ROFO** 1985 Jul;143(1):54-8 (Eng. Abstr.) **(Ger)**

[Relations between histomorphometric parameters of the human submandibular gland, thyroid gland and kidney] Rother P, et al. **Z Mikrosk Anat Forsch** 1984;98(3):385-95 (Eng. Abstr.) **(Ger)**

[Indications and methods for kidney sonography and isotope renography in pregnancy] Fischer W, et al. **Zentralbl Gynakol** 1984;106(14):973-80 (Eng. Abstr.) **(Ger)**

[Nuclear magnetic resonance in the morpho-functional study of the kidney] Fortezza P, et al. **Recenti Prog Med** 1985 Apr;76(4):211-5 (Eng. Abstr.) **(Ita)**

BLOOD SUPPLY

Sympathetic reflex-induced vasoconstriction during renal venous stasis elicited from the capsule in the dog kidney. Abildgaard U, et al. **Acta Physiol Scand** 1985 Jan;123(1):1-8

Renal infarction caused by paradoxical embolism. Herbaut AG, et al. **Am J Emerg Med** 1985 May;3(3):206-7

Atheromatous embolization. Kiechle FL, et al. **Am J Emerg Med** 1983 Nov;1(3):299-301

Evaluation of a flushing solution designed to protect kidneys from in situ ischemia. Andrews PM, et al. **Am J Kidney Dis** 1985 Jul;6(1):53-8

Pathology of small blood vessel disease in hypertension. Kashgarian M. **Am J Kidney Dis** 1985 Apr;5(4):A104-10 (32 ref.)

Effects of prostaglandins on vasoconstrictor action in isolated renal arterioles. Edwards RM. **Am J Physiol** 1985 Jun;248(6 Pt 2):F779-84

Ischemic acute renal failure in the rat: protective effect of uninephrectomy. Fried TA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F568-74

Renal sodium reabsorption, oxygen consumption, and gamma-glutamyltransferase excretion in the postischemic rat kidney. Herminghuysen D, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F804-9

Dietary protein intake conditions the degree of renal vasoconstriction in acute renal failure caused by ureteral obstruction. Ichikawa I, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F54-61

Postprandial regulation of renal hemodynamics: role of pancreatic glucagon. Premen AJ, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F656-62

Effects of Ringer fluid on regional blood flow and filtration rate in the cat kidney. Rasmussen SN, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F851-7

Accelerated functional recovery of isolated rat kidney with ATP-MgCl2 after warm ischemia. Sumpio BE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1047-53

Atriopeptins: correlation between renal vasodilation and natriuresis. Wakitani K, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F49-53

Responses of the normal rat kidney to sequential ischemic events. Zager RA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F148-59

Blood flow in the renal portal circulation of the turkey: effect of epinephrine. Palmore WP, et al. **Am J Vet Res** 1985 Jul;46(7):1589-92

Renal infarction. Goldberg G. **Ann Emerg Med** 1985 Jun;14(6):611-4

Renal infarction associated with intravenous cocaine use. Sharff JA. **Ann Emerg Med** 1984 Dec;13(12):1145-7

Norepinephrine turnover in the heart and blood vessels of rats subjected to bilateral renal infarction. Kurnjek ML, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):53-63

Differential structure-activity relationships of atrial peptides as natriuretics and renal vasodilators in the dog. Katsube N, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):325-30

Efficiency of canine renal blood flow autoregulation in kidneys with or without glomerular filtration. Gotshall R, et al. **Blood Vessels** 1985;22(1):25-31

Renal infarction as a cause of a calcified renal mass. Hicks CE, et al. **Br J Radiol** 1984 Sep;57(682):840-2

Doppler localisation of intrarenal vessels: an experimental study. Fitzpatrick JM, et al. **Br J Urol** 1984 Dec;56(6):557-60

Peripheral renal vascular disease in essential hypertension: hemodynamic, angiographic, and endocrine assessment. Arlart IP, et al. **Cardiovasc Intervent Radiol** 1984;7(5):221-8

Computed tomographic diagnosis of superior mesenteric artery embolic thrombosis associated with renal and splenic infarction. Feldberg MA, et al. **Cardiovasc Intervent Radiol** 1984;7(6):306-8

Incomplete fusion of the epithelial and endothelial basement membranes in interspecies hybrid glomeruli. Sariola H. **Cell Differ** 1984 Aug;14(3):189-95

Distribution of intrarenal blood flow consequent to left atrial balloon inflation. Passmore JC, et al. **Circ Shock** 1985;15(1):37-47

Biological activity of a synthetic alpha-human atrial natriuretic polypeptide in anesthetized dogs. Yukimura T, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1723-6

Polyuria polydipsia syndrome showing a renal infarction [letter] Denamur E, et al. **Clin Nephrol** 1984 Aug;22(2):107-8

Pseudo-vascular tumor in a renal flow study. Elgazzar AH, et al. **Clin Nucl Med** 1985 Mar;10(3):201-2

Renal infarction after aerobics. Montgomery JH, et al. **Clin Nucl Med** 1984 Nov;9(11):664-5

CT findings in renal ischemia and infarction. Chawla K, et al. **Comput Radiol** 1984 Jul-Aug;8(4):223-7

Glucose-induced increases in renal hemodynamic function. Possible modulation by renal prostaglandins. Kasiske BL, et al. **Diabetes** 1985 Apr;34(4):360-4

Dopamine preferentially stimulates postsynaptic alpha 2-adrenoceptors in the femoral vascular bed, but alpha 1-adrenoceptors in the renal vascular bed of the anaesthetised dog. Duval N, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):265-72

Value of angiography, sonography, and CT in renal infarction. Seemann WR, et al. **Eur J Radiol** 1984 Nov;4(4):282-4

Captopril: a protective agent in renal warm ischemia in rats. Oosterlinck W, et al. **Eur Urol** 1985;11(1):36-9

A description of the damaged DNA produced during tissue injury. Warnick CT, et al. **Exp Mol Pathol** 1984 Dec;41(3):397-408

Histotopographic interrelations of the pathways of blood and lymph microcirculation. Kuprianov VV. **Folia Morphol** 1984;43(2):99-104

Renal control of cephalic and intestinal removal of glucagon in the anesthetized dog. Loly J, et al. **Horm Metab Res** 1984 Jun;16(6):308-10

Incidence and significance of intrarenal vasculopathies in patients with systemic lupus erythematosus. Tsumagari T, et al. **Hum Pathol** 1985 Jan;16(1):43-9

Renal infarction--a rare complication of Schönlein-Henoch syndrome. Talwalkar YB et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):179-82

Renal colic, a presenting symptom of pelviureteric varices. Ali Khan S, et al. **Int Urol Nephrol** 1985;17(1):11-4

Comparative microangiographic studies of glycerol- and mercuric chloride-induced acute renal failure in rats. Clark RL, et al. **Invest Radiol** 1984 Mar-Apr;19(2):96-109

Collateral arterial formation. Lymph draining ischemic kidneys contains a neovascular stimulating agent of high molecular weight. Hollenberg NK, et al. **Invest Radiol** 1985 Jan-Feb;20(1):58-61

Alteration in starch microsphere degradation following contrast angiography in the dog kidney. Mir S, et al. **Invest Radiol** 1984 Mar-Apr;19(2):119-22

An in vivo study of the alpha-adrenoreceptor subtypes on the renal vasculature of the anaesthetized rabbit. Hesse IF, et al. **J Auton Pharmacol** 1984 Sep;4(3):145-52

Systemic and renal hemodynamic effects of single oral doses of felodipine in patients with refractory hypertension receiving chronic therapy with beta-blockers and diuretics. Andersson OK, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):544-9

Oxygen free radicals in ischemic acute renal failure in the rat. Paller MS, et al. **J Clin Invest** 1984 Oct;74(4):1156-64

A double fluorescence method for determining doxorubicin distribution and vascular supply in the mouse kidney. Paschoud N, et al. **J Histochem Cytochem** 1985 Jan;33(1):73-6

Necrotizing vasculitis in athymic rats with infarct kidney hypertension. Christiansen P, et al. **J Hypertens** 1983 Oct;1(3):285-9

Renal segmental infarction: a cause of reversible malignant hypertension. Elkik F, et al. **J Hypertens** 1984 Apr;2(2):149-56

Altered regional vasodilator responses to glossopharyngeal nerve stimulation in spontaneously hypertensive rats. Lee JY, et al. **J Hypertens** 1984 Oct;2(5):493-9

Necrotizing vascular lesions in spontaneously hypertensive rats with nephrotic syndrome: hypercoagulability as a contributory factor. Okuda S, et al. **J Lab Clin Med** 1984 Nov;104(5):767-77

Vasodilator properties of a family of bioactive atrial peptides in isolated perfused rat kidneys. Wakitani K, et al. **J Lab Clin Med** 1985 Mar;105(3):349-52

Alterations in the metabolism of lipids in ischemia of the liver and kidney. Finkelstein SD, et al. **J Lipid Res** 1985 Jun;26(6):726-34

Reversal by the calcium antagonist nisoldipine of norepinephrine-induced reduction of GFR: evidence for preferential antagonism of preglomerular vasoconstriction. Loutzenhiser R, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):382-7

Concentration dependency of the renal vascular and renin secretory responses to adenosine receptor agonists. Murray RD, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):189-93

Renal preservation following severe ischemia and prophylactic calcium channel blockade. Gingrich GA, et al. **J Urol** 1985 Aug;134(2):408-10

Superior mesenterorenal bypass for renal revascularization with infrarenal aortic occlusion. Khauli RB, et al. **J Urol** 1985 Feb;133(2):188-90

Nuclear magnetic resonance tissue analysis of acute renal artery and renal vein occlusion: the effect of a paramagnetic contrast agent. Strich G, et al. **J Urol** 1984 Dec;132(6):1216-9

Renal transplant perfusion during aortoiliac aneurysmectomy. Hughes JD, et al. **J Vasc Surg** 1985 Jul;2(4):600-2

Renal revascularization by extra-anatomic bypass. McCready RA, et al. **J Vasc Surg** 1984 Jul;1(4):569-72

Protection of the kidney after temporary ischemia: free radical scavengers. Ouriel K, et al. **J Vasc Surg** 1985 Jan;2(1):49-53

Concomitant renal revascularization in patients undergoing aortic surgery. Stewart MT, et al. **J Vasc Surg** 1985 May;2(3):400-5

An immunohistochemical study of renal vascular lesions in hypertensive patients. Takagi M, et al. **Jpn Heart J** 1985 Mar;26(2):235-46

Renal ischemia: a new perspective. Brezis M, et al. **Kidney Int** 1984 Oct;26(4):375-83 (117 ref.)

Nephron heterogeneity in ischemic acute renal failure. Conger JD, et al. **Kidney Int** 1984 Oct;26(4):422-9

Role of the medullary perfusion defect in the pathogenesis of ischemic renal failure. Mason J, et al. **Kidney Int** 1984 Sep;26(3):283-93

Responses of the ischemic acute renal failure kidney to additional ischemic events. Zager RA, et al. **Kidney Int** 1984 Nov;26(5):689-700

Atheroembolic renal disease causes hypocomplementaemia. Cosio FG, et al. **Lancet** 1985 Jul 20;2(8447):118-21

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 16-1985. A 65-year-old man with glomerulonephritis and pulmonary densities. **N Engl J Med** 1985 Apr 18;312(16):1042-52

Renal revascularization for hypertension with azotemia [letter] **N Engl J Med** 1985 Apr 25;312(17):1124-5

Significance of renal hyaline arteriolosclerosis in focal segmental glomerulosclerosis. Lee HS, et al. **Nephron** 1985;41(1):86-93

Effects of diltiazem and manganese renal hemodynamics: studies in the isolated perfused rat kidney. Loutzenhiser R, et al. **Nephron** 1985;39(4):382-8

Participation of prostaglandin and adrenergic nervous system in renin release induced by changes in renal arterial pressure in rats. Imagawa J, et al. **Renal Physiol** 1985;8(3):140-9

Effects of captopril on the renal hemodynamics during aprotinin infusion in anesthetized dogs. Mizumura Y, et al. **Renal Physiol** 1984;7(5):299-303

Nitroprusside (NP) on post-ischemic acute renal failure. Satta A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):137-40

Spontaneous renal infarction due to polyarteritis nodosa. A case report. Fourie IJ, et al. **S Afr Med J** 1985 Jan 5;67(1):24-5

Radiation damage in rat kidney microvasculature. Nelson AC, et al. **Scan Electron Microsc** 1984;(Pt 3):1273-7

Acute renal failure caused by a rapidly progressive arterio-occlusive syndrome--Köhlmeier-Degos' disease? Björck S, et al. **Scand J Urol Nephrol** 1984;18(4):343-6

The calcium ion and calcium channel blockers in ischemic acute renal failure (ARF). Schrier RW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:702-4

The renal hemodynamic response to amino acid infusion in the rat. Meyer TW, et al. **Trans Assoc Am Physicians** 1983;96:76-83

Giant vascular malformation of the kidney: computed tomographic and angiographic appearances. Charnsangavej C, et al. **Urol Radiol** 1985;7(1):8-11

CT findings in acute renal infarction. Hilton S, et al. **Urol Radiol** 1984;6(3-4):158-63

Site of entry of single main renal artery. Angiographic study. Garti I, et al. **Urology** 1984 Dec;24(6):639-42

Beneficial effect of muzolimine in postischemic acute renal failure in rats. Garthoff B. **Z Kardiol** 1985;74 Suppl 2:171-4

[Conjunctival and renal surface microcirculation changes in shock rabbits] Tao GM. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):375-9 **(Chi)**

[Clinical application of inosine in warm renal ischemia] Cao SY. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):413-4, 445 (Eng. Abstr.) **(Chi)**

[Characterization of the alpha adrenoreceptors in the vascular bed of the isolated rat kidney] Imbs JL, et al. **Arch Mal Coeur** 1984 Oct;77(11):1191-4 (Eng. Abstr.) **(Fre)**

[Interventional angiography of the kidney] Narimatsu Y, et al. **Kokyu To Junkan** 1984 Jul;32(7):677-84 **(Jpn)**

[Morphometric evaluation of the walls of renal arterioles in patients with diabetes mellitus type 2] Rogoziński R, et al. **Pol Tyg Lek** 1985 May 6;40(18):519-20 (Eng. Abstr.) **(Pol)**

[Morphofunctional characteristics of the intrinsic arterial vessels of the kidney in healthy subjects and in various cardiovascular diseases] Kaplunova OA, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):64-70 (Eng. Abstr.) **(Rus)**

[Protection of long-term ischemic kidneys from the damages of reoxygenation by using the temporary inhalation of a gas hypoxic mixture] Bilenko MV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):147-51 (Eng. Abstr.) **(Rus)**

[Mechanism of different degrees of resistance of the heart and kidneys to the action of thermal ischemia] Kirpatovskii VI, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):31-5 (Eng. Abstr.) **(Rus)**

[Prevention of ischemic kidney damage after shutting off renal blood flow] Pytel' IuA, et al. **Sov Med** 1985;(1):14-21 (Eng. Abstr.) **(Rus)**

[State of local renal hemostasis in experimental nephritis after the administration of heparin, antithrombin III and prodectin] Sokratov NV. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):62-6 (Eng. Abstr.) **(Rus)**

[Possibility of the restoration of kidney function after critical periods of thermal ischemia by perfusion] Ilgiavichiute IaS, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):58-61 (Eng. Abstr.) **(Rus)**

[Prevention of ischemia during operations on the aorta under superficial hypothermia] Pokrovskii AV, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):12-9 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Phagocytosis of Mycobacterium leprae and M. avium by armadillo lung fibroblasts and kidney epithelial cells. Rastogi N, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):267-76

Immunodissection: use of monoclonal antibodies to isolate specific types of renal cells. Smith WL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F1-7 (38 ref.)

Extracellular potassium modifies the structure of kidney epithelial cells in culture. Waack S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C105-10

Fish lymphokines: the production of growth factors in supernatants of mitogen-stimulated pronephros cells of carp (Cyprinus carpio). Grondel JL, et al. **Cell Biol Int Rep** 1985 Jun;9(6):519

Phosphate metabolites and organ preservation: 31P NMR study on rat kidney. Manganaro M, et al. **Cell Mol Biol** 1985;31(2):89-96

Monocyte/macrophage derived cells in normal and transplanted human kidneys. Alpers CE, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):129-40

Presence and localization of two vitamin D-dependent calcium binding proteins in kidneys of higher vertebrates. Rhoten WB, et al. **Endocrinology** 1985 Aug;117(2):674-83

Detection of different cellular sides in rat liver and kidney by two monoclonal antibodies raised against the nucleotide-sugar hydrolyzing enzymes phosphodiesterase I and CMP-sialic acid hydrolase. van Dijk W, et al. **Eur J Cell Biol** 1985 Jan;36(1):98-103

Cytoarchitecture of the corpuscles of Stannius in hillstream teleosts, Barilius bendelisis (Ham.) and Garra gotyla (Gray). Punetha JC, et al. **Gegenbaurs Morphol Jahrb** 1985;131(1):73-9

Immunohistochemical localization of a protein fraction derived from rabbit renal papilla. Koeppen-Hagemann I, et al. **Histochemistry** 1984;81(5):457-64

Comparison of invasiveness and non-invasiveness of two epithelial cell lines in vitro. Schroyens W, et al. **Invasion Metastasis** 1984;4(3):160-70

Increased chromosomal aberrations in first metaphases of cells isolated from the kidneys of aged mice. Martin GM, et al. **Isr J Med Sci** 1985 Mar;21(3):296-301

Biphasic effects of type beta transforming growth factor on epidermal growth factor receptors in NRK fibroblasts. Functional consequences for epidermal growth factor-stimulated mitosis. Assoian RK. **J Biol Chem** 1985 Aug 15;260(17):9613-7

Linear relationship of phlorizin-binding capacity and hexose uptake during differentiation in a clone of LLC-PK1 cells. Amsler K, et al. **J Cell Physiol** 1985 Feb;122(2):254-8

Variant (MDCK) kidney epithelial cells altered in response to inducers of dome formation and differentiation. Lever JE. **J Cell Physiol** 1985 Jan;122(1):45-52

Mixed glycosidase pretreatment reduces nonspecific binding of antibodies to frozen tissue sections. Andrews LP, et al. **J Histochem Cytochem** 1985 Jul;33(7):695-8

Application of a new method of antibody-enzyme conjugation with maleimide derivative for immunohistochemistry: hepatocellular production, interstitial tissue distribution, and renal cell reabsorption of plasma albumin in guinea pig. Tsuruta J, et al. **J Histochem Cytochem** 1985 Aug;33(8):767-77

The monocyte/macrophage population of the normal human kidney. Marshall RJ, et al. **J Pathol** 1984 Aug;143(4):275-80

Intracellular free calcium levels are reduced in mitotic Pt K2 epithelial cells. Keith CH, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):800-4

Localization and turnover rate of rat renal 'dendritic' cells. Leszczynski D, et al. **Scand J Immunol** 1985 Apr;21(4):355-60

Regulation of the microfilament system in normal and polyoma virus transformed cultured (BHK) cells. Koffer A, et al. **Tissue Cell** 1985;17(2):147-59

[Evaluation of renal maturity in full-term and premature neonates] Lapis A. **Ann Acad Med Stetin** 1984;30:209-20 (Eng. Abstr.) **(Pol)**

[Continuous kidney cell line No. 4647 from an adult green monkey and its use in virological practice] Mironova LL, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):503-6 **(Rus)**

DRUG EFFECTS

Metallothionein synthesis in liver and kidney and enzymhistochemical changes in the testis induced by cadmium treatment. Passia D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:159-65

A comparative study of guanine N7-alkylation in mice in vivo by the organophosphorus insecticides trichlorphon, dimethoate, phosmet and bromophos. Dedek W, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):104-9

Effect of intracerebroventricular clonidine on some renal functions in rats. Puri VN, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):91-3

Dynamics of renal excretory function after furosemide or ethacrynic acid administration to unanaesthetized dogs after mannitol infusion or chronic renal denervation. Girchev R, et al. **Acta Physiol Hung** 1985;65(2):137-48

Glomerular filtration rate during lithium therapy. A longitudinal study. Jensen SB, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):235-8

Kidney function and quantitative histological changes in patients on long-term lithium therapy. Jørgensen F, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):455-62

Renal function in 153 manic-depressive patients treated with lithium for more than five years. Løkkegaard H, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):347-55

Effects of mercuric chloride on several scavenging enzymes in rat kidney and influence of vitamin E supplementation. Addya S, et al. **Acta Vitaminol Enzymol** 1984;6(2):103-7

Modification of the renal effects of ouabain by calcium channel blockers. Cruz-Soto MA, et al. **Adv Exp Med Biol** 1984;178:319-27

Effects of nonsteroidal anti-inflammatory drugs on blood pressure and renal function in man. Vallotton MB, et al. **Adv Nephrol** 1985;14:273-83 (35 ref.)

Effects of indomethacin and polyunsaturated phosphatidylcholine on short-term control of renal water excretion. Agnoli GC, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:141-5

Lithium and the kidney. Waller DG, et al. **Adverse Drug React Acute Poisoning Rev** 1984 Summer; 3(2):65-89 (132 ref.)

Nephrotoxicity of nonsteroidal anti-inflammatory drugs [letter] Hagler L. **Am Fam Physician** 1984 Nov;30(5):27-30

Mitomycin-C nephrotoxicity: a clinico-pathologic study of 17 cases. Giroux L, et al. **Am J Kidney Dis** 1985 Jul; 6(1):28-39

Allopurinol toxicity and frequent relationship to reduced renal function [letter] Earll JM, et al. **Am J Med** 1984 Nov; 77(5):A81, A89

Effects of auriculin (atrial natriuretic factor) on blood pressure, renal function, and the renin-aldosterone system in dogs. Maack T, et al. **Am J Med** 1984 Dec;77(6):1069-75

Effects of lysine and other amino acids on kidney structure and function in the rat. Racusen LC, et al. **Am J Pathol** 1985 Sep;120(3):436-42

Effects of synthetic atrial natriuretic factor on renal function and renin release. Burnett JC Jr, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F863-6

Blockade of renal effects of dopamine in the dog by the DA1 antagonist SCH 23390. Frederickson ED, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F236-40

Renal response to atrial natriuretic factor in conscious dogs with caval constriction. Freeman RH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R495-500

Acute and chronic actions of bradykinin on renal function and arterial pressure. Granger JP, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F87-92

Renal effects of volume expansion in the renal-denervated nonhuman primate. Peterson TV, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H960-6

Maintenance of renal autoregulation during infusion of aminophylline or adenosine. Premen AJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F366-73

Regulation of hormonal responsiveness in LLC-PK1L cells grown in defined medium. Roy C. **Am J Physiol** 1985 May; 248(5 Pt 1):C425-35

Physiological and morphological responses of the rat kidney to reduced dietary protein. Schmidt-Nielsen B, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F31-42

The pentobarbital anesthetized dog: an animal model for assessing chemically induced changes in renal function and ultrastructure. Koechel DA, et al. **Am J Vet Res** 1984 Dec; 45(12):2565-73

The renal effects of dopamine [letter] Cramolini GM. **Anesthesiology** 1985 Jun;62(6):844

The diuretic properties of dopamine in patients after open-heart operation. Hilberman M, et al. **Anesthesiology** 1984 Nov;61(5):489-94

Renal effects of dopamine [editorial] Miller ED Jr. **Anesthesiology** 1984 Nov;61(5):487-8

Structure and expression of androgen-regulated genes in mouse kidney. Watson CS, et al. **Ann NY Acad Sci** 1984; 438:101-14

The efficacy of agents employed to prevent anastomotic recurrence in colorectal carcinoma [letter] Gelister JS, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):267

Effects of prostacyclin infusion on renal function during cardiopulmonary bypass. Feddersen K, et al. **Ann Thorac Surg** 1985 Jul;40(1):16-9

Effect of cis-platinum on kidney cytochrome P-450 and heme metabolism: evidence for the regulatory role of the pituitary hormones. Jollie DR, et al. **Arch Biochem Biophys** 1985 Jul;240(1):51-9

Renal response to frusemide in preterm infants with respiratory distress syndrome during the first three postnatal days. Yeh TF, et al. **Arch Dis Child** 1985 Jul; 60(7):621-6

Renal effect of clonidine during acute hypobaric pressure breathing in normal and diabetes insipidus rats. Guiol C, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):158-68

Influence of an inhibition of thromboxane synthetase by imidazole on kidney function in rats during postnatal development. Herceg R, et al. **Arch Int Pharmacodyn Ther** 1985 May;275(1):151-9

Influence of intracerebroventricular phenoxybenzamine on the renal action of intracerebroventricular morphine. Kook YJ, et al. **Arch Int Pharmacodyn Ther** 1985 Feb; 273(2):289-98

Changes in sodium and potassium excretion and urinary volume in rats submitted to hypervitaminosis A. Petenusci SO, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):327-31

Renal medullary electrolytes: effects of furosemide assessed by studies in vivo of electrical admittance. Portalska E, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):345-54

Long-term furosemide treatment in idiopathic edema. Shichiri M, et al. **Arch Intern Med** 1984 Nov;144(11):2161-4

Phenytoin effects on liver and kidney structure of the rat. Garcia-Estrada J, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):1-10 **(Eng. Spa)**

Mechanisms of the nephrotoxicity of non-steroidal anti-inflammatory drugs. Dunn MJ, et al. **Arch Toxicol [Suppl]** 1984;7:328-37

A 2'guanidyl derivative of gentamicin (S86451) with reduced nephrotoxicity studies at low and medium dose levels in the rat. Maldague P, et al. **Arch Toxicol [Suppl]** 1984; 7:455-8

Mifentidine: evaluation of antiandrogen effects and kidney function studies. Francalanza G, et al. **Arzneimittelforsch** 1985;35(1A):456-8

Atrial natriuretic peptides stimulate renal gluconeogenesis. Obara T, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):833-9

Identification of urinary metabolites of the nephrotoxic hydrocarbon 2,2,4-trimethylpentane in male rats. Olson CT, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):313-6

Failure of cis-platinum to alter metal concentrations in the liver and kidney of the rat. Kinsler S, et al. **Biochem Int** 1985 Jun;10(6):847-53

A study of the protective effect of chloride salts on cisplatin nephrotoxicity. Daley-Yates PT, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2363-9

Cisplatin metabolites in plasma, a study of their pharmacokinetics and importance in the nephrotoxic and antitumour activity of cisplatin. Daley-Yates PT, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3063-70

Cisplatin-induced alteration of the copper and zinc content of the rat kidney. Mason RW, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2575-7

The effect of oral fenoldopam (SKF 82526-J), a peripheral dopamine receptor agonist, on blood pressure and renal function in normal man. Harvey JN, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):21-7

Effects of repeated doses of enalapril on renal function in man. McNabb WR, et al. **Br J Clin Pharmacol** 1985 Mar; 19(3):353-61

Influence of nicardipine on blood pressure, renal function and plasma aldosterone in normotensive volunteers. van Schaik BA, et al. **Br J Clin Pharmacol** 1985;20 Suppl 1:88S-94S

A comparison of the effects of intravenous propranolol and nadolol on the renal response to hypertonic saline infusion. Waller DG, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):37-43

The effects of isoxicam and piroxicam on renal function in healthy subjects. Darragh AS. **Br J Clin Pract** 1985 Apr; 39(4):144-7

The influence of diltiazem and nifedipine on renal function in the rat. Johns EJ. **Br J Pharmacol** 1985 Mar;84(3):707-13

Neuroleptics, lithium and renal function. Waller DG, et al. **Br J Psychiatry** 1985 May;146:510-4

Vasopressin influences renal function via a spinal action. Riphagen CL, et al. **Brain Res** 1985 Jun 17;336(2):346-9

Inhibitory effects of calmodulin antagonists on urinary enzyme excretion in rats after nephrotoxic doses of mercuric chloride. Harrison SD Jr, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):432-7

The effect of a prostaglandin I2 analogue (OP-41483) on renal function in burned rabbits. Ono I, et al. **Burns Incl Therm Inj** 1985 Jun;11(5):320-9

Renal responses to atrial natriuretic factor during converting enzyme inhibition. Wang SL, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):220-3

The effect of captopril on renal function in patients during the first cis-diamminedichloroplatinum II infusion. Offerman JJ, et al. **Cancer Chemother Pharmacol** 1985; 14(3):262-4

Beta-2-microglobulin excretion: an indicator of long term nephrotoxicity during cis-platinum treatment? Sørensen PG, et al. **Cancer Chemother Pharmacol** 1985;14(3):247-9

Effects of amsacrine and other DNA-intercalating drugs on nuclear and nucleolar structure in cultured V79 Chinese hamster cells and PtK2 rat kangaroo cells. Jensen CG, et al. **Cancer Res** 1985 Feb;45(2):717-25

Allyl alcohol toxicity in isolated renal epithelial cells: protective effects of low molecular weight thiols. Ohno Y, et al. **Chem Biol Interact** 1985 Jan;52(3):289-99

Dipyridamole decreases glomerular filtration in the sodium-depleted dog. Evidence for mediation by intrarenal adenosine. Arend LJ, et al. **Circ Res** 1985 Feb;56(2):242-51

Mechanism of action of angiotensin II and bradykinin on prostaglandin synthesis and vascular tone in the isolated rat kidney. Effect of Ca + + antagonists and calmodulin inhibitors. Cooper CL, et al. **Circ Res** 1985 Jan;56(1):97-108

The characteristics of renal mineralocorticoid receptors in glycyrrhizinic acid or deoxycorticosterone-induced hypertensive rats. Hayashi T, et al. **Clin Exp Hypertens [A]** 1984;6(9):1625-40

Renovascular distribution of NPY and its vasoconstrictor and natriuretic properties. Raine AE, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1957-60

Effects of high and low molecular weight atrial natriuretic factor in the isolated kidney. Raine AE, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1863-6

Renal and systemic effects of atrial natriuretic factor. Seymour AA. **Clin Exp Hypertens [A]** 1985;7(5-6):887-906

The effect of althesin, ketamine or pentothal on renal function in saline loaded rats. Chen CF, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):99-105

Acute renal effects of sulindac and indomethacin in chronic renal failure. Berg KJ, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):447-52

Sulindac is not renal sparing in man. Roberts DG, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):258-65

Water diuretic effect of intravenously administered 9-deoxo-16, 16-dimethyl-9-methylene-PGE2 in conscious man. Leksell LG, et al. **Clin Physiol** 1984 Dec;4(6):449-59

Nephrotoxicity of cis-diamminedichloroplatinum with or without ifosfamide in cancer treatment. Hacke M, et al. **Clin Physiol Biochem** 1983;1(1):17-26

Effects of cimetidine, ranitidine, and antacid on renal function. Yeung CK, et al. **Clin Ther** 1984;6(5):620-4

Catecholamines increase urine formation in isolated toad (Bufo marinus) kidneys perfused at constant rate. Morris JL. **Comp Biochem Physiol [C]** 1984;79(1):219-25

Nephrotoxicity of aminoglycosides. Effects on pharmacokinetics and prevention. Brogard JM, et al. **Contrib Nephrol** 1984;42:182-95 (29 ref.)

Clinical evaluation of beta 2-microglobulin, muramidase, and alanine aminopeptidase as markers of gentamicin nephrotoxicity. Davey PG, et al. **Contrib Nephrol** 1984; 42:100-6

Mechanisms of the antihypertensive action of captopril. Mann JF. **Contrib Nephrol** 1984;43:171-81 (46 ref.)

Captopril and renal function. Reubi FC. **Contrib Nephrol** 1984;43:159-70 (53 ref.)

Aminoglycoside nephrotoxicity: recent insights and perspectives. Tulkens PM. **Contrib Nephrol** 1984;42:168-81 (52 ref.)

Nephrotoxicities of antineoplastic and immunosuppressive agents. Raymond JR. **Curr Probl Cancer** 1984 Oct; 8(16):1-32

Gentamicin, nephrotoxic risk and treatment of neonatal infection. Aujard Y, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:109-15

Evidence for a direct action of insulin to increase renal reabsorption of calcium and for an irreversible defect in renal ability to conserve calcium due to prolonged absence of insulin. Hoskins B, et al. **Diabetes** 1984 Oct;33(10):991-4

Effects of felodipine on renal function in animals. DiBona GF. **Drugs** 1985;29 Suppl 2:168-75

Renal effects of felodipine in hypertensive patients with reduced renal function. Herlitz H, et al. **Drugs** 1985;29 Suppl 2:192-7

Influence of felodipine and verapamil on the sympathetic transmitter release and on the pre- and post-junctional effects of exogenous noradrenaline in the perfused rat kidney. Peter EJ, et al. **Drugs** 1985;29 Suppl 2:198-204

Stimulation of renal deoxyribonucleic acid synthesis by a pituitary-derived renotropin and its inhibition by testosterone and thyroxine. Nomura K, et al. **Endocrinology** 1985 Feb;116(2):616-21

Inhibition by prostaglandin E2 of renal effects of calcitonin in rats. Yamada M, et al. **Endocrinology** 1985 Feb; 116(2):693-7

Renal ultrastructural and biochemical injuries induced by aminoglycosides. Cojocel C, et al. **Environ Health Perspect** 1984 Aug;57:293-9 (33 ref.)

Toxicity of sodium fluoride to the postnatally developing rat kidney. Daston GP, et al. **Environ Res** 1985 Aug; 37(2):461-74

In vivo effects of cadmium on some enzyme activities in tissues of the freshwater catfish, Heteropneustes fossilis. Sastry KV, et al. **Environ Res** 1985 Feb;36(1):32-45

Disorders of serum electrolytes and renal function in patients treated with cis-platinum on an outpatient basis. Giaccone G, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):433-7

Nephrotoxicity of 1,1-diaminomethylcyclohexane sulphato platinum II (spiroplatin; TNO-6). Offerman JJ, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):447-51

Human calcitonin increases both cyclic AMP and cyclic GMP accumulation in human kidney cells. Rotella CM, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):347-52

Renal effects of a synthetic alpha-human atrial natriuretic polypeptide (alpha-hANP) in anesthetized dogs. Yukimura T, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):363-6

The protective effect of nitrendipine on gentamicin acute renal failure in rats. Lee SM, et al. **Exp Mol Pathol** 1985 Aug;43(1):107-14

Age-related differences in nephrotoxicity of cadmium. Bräunlich H, et al. **Exp Pathol** 1984;26(4):235-9

Gentamicin nephrotoxicity in young rabbits. Kojima T, et al. **Exp Pathol** 1984;26(2):71-5

Biochemical alterations of membrane lipids associated with renal injury. Morrison AR, et al. **Fed Proc** 1984 Oct; 43(13):2811-4

Effect of oral cadmium administration to female rats before and during pregnancy on the histoenzymatic activity in maternal and foetal kidneys. Steibert E, et al. **Folia Biol (Krakow)** 1984;32(4):331-40

Citrinin mycotoxicosis in the rabbit: clinicopathological alterations. Hanika C, et al. **Food Chem Toxicol** 1984 Dec; 22(12):999-1008

Comparisons of avian renal responses to bovine parathyroid extract, synthetic bovine (1-34) parathyroid hormone, and synthetic human (1-34) parathyroid hormone. Wideman RF Jr, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):480-90

Maleate effects on kidney peptidases and proteinuria of male and female rats. Histochemical and biochemical studies. Asan E, et al. **Histochemistry** 1985;82(1):81-92

The mechanism(s) of the enhancement of renal compensatory hypertrophy by ACTH in the rat. Réville P, et al. **Horm Metab Res** 1985 May;17(5):261-2

Effects of oxytocin, vasotocin and alpha-MSH on renal function in the nonhuman primate. Wesley CR, et al. **Horm Res** 1985;21(1):55-9

Renal and blood pressure responses to synthetic atrial natriuretic factor in spontaneously hypertensive rats. Marsh EA, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):386-91

Epinephrine enhances neurogenic vasoconstriction in the rat perfused kidney. Quinn P, et al. **Hypertension** 1985 Jan-Feb;7(1):47-52

The effect of oral contraceptive drug on cardiovascular system, liver & kidneys. Chaudhuri C, et al. **Indian Heart J** 1985 Mar-Apr;37(2):96-100

Comparison of the nephrotoxicity of oral neomycin and ampicillin in rats. Narendranathan M, et al. **Indian J Gastroenterol** 1982 Apr;1(1):19-21

Effect of aspirin on renal and hepatic function in children suffering from juvenile rheumatoid arthritis and rheumatic fever. Bhabha FS, et al. **Indian J Pediatr** 1984 May-Jun;51(410):317-21

Analysis of the renal tissue of a woman chronically exposed to cadmium. Cikrt M, et al. **Int Arch Occup Environ Health** 1985;55(3):241-6

Environmental exposure to cadmium and renal function of elderly women living in cadmium-polluted areas of the Federal Republic of Germany. Ewers U, et al. **Int Arch Occup Environ Health** 1985;55(3):217-39

Acute effects of acetylsalicylic acid on renal and hepatic function in normal humans. Husted SE, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):141-4

The use of dopamine for the prevention of the renal side effects of indomethacin in premature infants with patent ductus arteriosus. Seri I, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):209-14

Renal ablation with absolute ethanol. Mechanism of action. Ellman BA, et al. **Invest Radiol** 1984 Sep-Oct;19(5):416-23

Functional and pathologic effects of multiple echocardiographic contrast injections on the myocardium, brain and kidney. Gillam LD, et al. **J Am Coll Cardiol** 1985 Sep;6(3):687-94

Effect of dietary phosphorus levels on porcine renal 25-hydroxyvitamin D-1 alpha- and 24R-hydroxylase activities and plasma 1,25-dihydroxyvitamin D3 concentration. Engstrom GW, et al. **J Anim Sci** 1985 Apr;60(4):1005-11

Gentamicin administered in vivo reduces protein synthesis in microsomes subsequently isolated from rat kidneys but not from rat brains. Buss WC, et al. **J Antimicrob Chemother** 1985 Jun;15(6):715-21

Renal tolerance and pharmacokinetics of vancomycin in rats. Marre R, et al. **J Antimicrob Chemother** 1984 Sep;14(3):253-60

Vancomycin toxicity: a prospective study. Mellor JA, et al. **J Antimicrob Chemother** 1985 Jun;15(6):773-80

Chronic toxicity of S-(trans-1,2-dichlorovinyl)-L-cysteine in mice. Jaffe DR, et al. **J Appl Toxicol** 1984 Dec;4(6):315-9

Kidney toxicity of 3-methylxanthine in the rat. Sellman R, et al. **J Appl Toxicol** 1984 Dec;4(6):304-7

Androgen regulation of MAK mRNAs in mouse kidney. Snider LD, et al. **J Biol Chem** 1985 Aug 15;260(17):9884-93

Effect of SA-446, an angiotensin-converting enzyme inhibitor, on renal function in anesthetized dogs: special reference to arachidonic acid metabolites. Miura K, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):102-7

Renal effects of nitrendipine monotherapy in essential hypertension. Thananopavarn C, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S1032-6

Renal alpha 1- and alpha 2-adrenoceptor mediated vasoconstriction in dogs: comparison of phenylephrine, clonidine, and guanabenz. Wolff DW, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S793-8

Effects of swainsonine on rat liver and kidney: biochemical and morphological studies. Novikoff PM, et al. **J Cell Biol** 1985 Aug;101(2):339-49

Endocrine, renal, and hemodynamic responses to graded dopamine infusions in normal men. Levinson PD, et al. **J Clin Endocrinol Metab** 1985 May;60(5):821-6

Renal mechanism of action of rat atrial natriuretic factor. Huang CL, et al. **J Clin Invest** 1985 Feb;75(2):769-73

Therapeutic initiatives for the avoidance of aminoglycoside toxicity. Whelton A. **J Clin Pharmacol** 1985 Mar;25(2):67-81 (61 ref.)

Intrarenal adenosine produces hypertension by activating the sympathetic nervous system via the renal nerves in the dog. Katholi RE, et al. **J Hypertens** 1984 Aug;2(4):349-59

Renal hemodynamic and tubular transport effects of nitrendipine. Wallia R, et al. **J Lab Clin Med** 1985 Apr;105(4):498-503

Renal toxicity of cisplatin in children. Womer RB, et al. **J Pediatr** 1985 Apr;106(4):659-63

Metabolism and nephrotoxicity of phenacetin and sulfanilamide. Eyanagi R, et al. **J Pharmacobiodyn** 1985 Feb;8(2):95-105

Protective effect of organic cation transport inhibitors on cis-diamminedichloroplatinum-induced nephrotoxicity. Bird JE, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):752-8

Experimental gentamicin nephrotoxicity: effect of streptozotocin-induced diabetes. Elliott WC, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):264-70

CGP 22979A, a renal vasodilator with natriuretic properties. Hofbauer KG, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):838-44

Effects of buthionine sulfoximine on the nephrotoxicity of 1-(2-chloroethyl)-3-(trans-4-methylcyclohexyl)-1-nitros (MeCCNU). Kramer RA, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):498-506

Preferential renal vasodilator effects of CGP 22979A in conscious spontaneously hypertensive rats. Smits JF, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):845-9

Augmentation of antibiotic nephrotoxicity by endotoxemia in the rabbit. Tune BM, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):425-30

Effects of ochratoxin A in the partially nephrectomized rat. Stein AF, et al. **J Toxicol Environ Health** 1984;14(4):535-50

Inhibition of glucose reabsorption induced by 6-aminonicotinamide in the rat kidney. Ishihara A, et al. **J Toxicol Sci** 1984 Nov;9(4):353-62

Allopurinol toxicity: its toxic organ-specificity between the liver and the kidney in the rat. Suzuki Y, et al. **J Toxicol Sci** 1984 Nov;9(4):343-51

Age-dependent aminoglycoside nephrotoxicity. Fujita K, et al. **J Urol** 1985 Sep;134(3):596-7

Estrogen effects on sister chromatid exchanges in mouse uterine cervical and kidney cells. Hillbertz-Nilsson K, et al. **JNCI** 1985 Sep;75(3):575-80

Dopaminergic modulation of the renal effect of arginine-vasopressin in water-loaded rats. Koyama S, et al. **Jpn J Pharmacol** 1985 May;38(1):25-30

Evidence for in vivo effect of lithium on p-aminohippurate transport in rat kidney, preliminary study. Sugihara K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):127-32

Effects of angiotensin I-converting enzyme inhibitor (SA-446) on renal function in dogs. Takada T, et al. **Jpn J Pharmacol** 1985 Jun;38(2):227-30

Effects of vitamin D on renal handling of calcium, magnesium and phosphate in the hamster. Burnatowska MA, et al. **Kidney Int** 1985 Jun;27(6):864-70

Early effects of gentamicin, tobramycin, and amikacin on the human kidney. De Broe ME, et al. **Kidney Int** 1984 Apr;25(4):643-52

Modulation by calcitonin of magnesium and calcium urinary excretion in the rat. Di Stefano A, et al. **Kidney Int** 1985 Feb;27(2):394-400

Renal interactions between norepinephrine and calcium antagonists. Steele TH, et al. **Kidney Int** 1984 Nov;26(5):719-24

Reversibility of cyclosporin nephrotoxicity after three months' treatment. Chapman JR, et al. **Lancet** 1985 Jan 19;1(8421):128-30

In ability of Na+,K+-ATPase inhibitor to cause hypertension in sodium-loaded or deoxycorticosterone-treated one kidney rats. Nirasawa Y, et al. **Life Sci** 1985 Aug 26;37(8):767-74

Mode of action of conventional and potassium-sparing diuretics--aspects with relevance to Mg-sparing effects. Review of the present state of the art and recent findings. Heidenreich O. **Magnesium** 1984;3(4-6):248-56

The improvement in renal function following EDTA chelation and multi-vitamin-trace mineral therapy: a study in creatinine clearance. Sehnert KW, et al. **Med Hypotheses** 1984 Nov;15(3):301-4

Effects of dibutyryl cyclic AMP, theophylline or isobutylmethylxanthine on human renal cancer cell line (OUR-10) and normal human kidney cell. Fujioka H. **Med J Osaka Univ** 1984 Mar;34(3-4):43-56

Effect of a selective octapeptide analogue of somatostatin on renal water excretion in the dog. Mountokalakis T, et al. **Metabolism** 1985 May;34(5):408-9

Effects of (Sp)- and (Rp)-adenosine cyclic 3',5'-phosphorothioates on electrolyte excretion by the isolated perfused rat kidney. Scheinman SJ, et al. **Miner Electrolyte Metab** 1985;11(2):85-90

Adverse effects of non-steroidal anti-inflammatory drugs on the kidney. Stillman MT. **Minn Med** 1984 Oct;67(10):559, 554

Nephrotoxicity of cyclosporine [letter] **N Engl J Med** 1985 Jan 3;312(1):48-50

Cyclosporine timing and kidney damage [letter] Hrushesky WJ. **N Engl J Med** 1985 Jul 18;313(3):184

Renal effects of human alpha-atrial natriuretic polypeptide [letter] Kuribayashi T, et al. **N Engl J Med** 1985 May 30;312(22):1456-7

Vasoconstrictor and norepinephrine potentiating action of 5-hydroxykynuramine in the isolated perfused rat kidney: involvement of serotonin receptors and alpha 1-adrenoceptors. Charlton KG, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec;328(2):154-9

Learning experiences from UNC. Renal autoregulation, drugs, and acute renal failure. Blythe WB. **NC Med J** 1985 Jul;46(7):413-4

Effect of amiloride on experimental gentamicin nephrotoxicity. Purnell J, et al. **Nephron** 1985;40(2):166-70

Effects of sulfinpyrazone on renal function and prostaglandin formation in man. Rosenkranz B, et al. **Nephron** 1985;39(3):237-43

Deterioration of renal function and hyperkalemia in hypertensive patients with impaired renal function during captopril administration. Kodama K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):327-35

Chronic renal lesions in the uninephrectomized Gunn rat after analgesic mixtures. Henry MA, et al. **Pathology** 1984 Jul;16(3):278-84

Neonatal exposure to vasopressin decreases vasopressin binding sites in the adult kidney. Handelmann GE, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1217-9

Pentobarbital-induced drinking does not rely on a renal dipsogen. Asin KE, et al. **Physiol Behav** 1985 Jan;34(1):151-3

Hibernation 'trigger' alters renal function in the primate. Oeltgen PR, et al. **Physiol Behav** 1985 Jan;34(1):79-81

Beta-blockers and the kidney: implications for renal function and renin release. Epstein M, et al. **Physiologist** 1985 Feb;28(1):53-63

Toxicity of the sesquiterpene lactone parthenin to cultured bovine kidney cells. Narasimhan TR, et al. **Planta Med** 1985 Jun;(3):194-7

Does cyclosporine inhibit renal prostaglandin synthesis? Adu D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:969-72

Glomerulotubular function in cyclosporine-treated rats. A lithium clearance, occlusion time/transit time and micropuncture study. Dieperink H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:853-9

Cyclosporine nephropathy after heart and heart-lung transplantation. Goldstein J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:973-81

Rejection and nephrotoxicity. Diagnostic problems with cyclosporine in renal transplantation. Pichlmayr R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:947-60

Cimetidine the H2-receptor blocker: effect on the renal autoregulation in dogs. Sobh MA. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:765-8

Effect of felodipine on renal hemodynamics and excretion in the dog. Ek B, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):201-5

Renal effects of aprotinin, a kallikrein inhibitor in rats in saline diuresis. Kauker ML. **Proc Soc Exp Biol Med** 1985 Feb;178(2):222-6

Nephrotoxic effects of oxygen transport media in the isolated rat kidney. Millis RM, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):643-7

Actions of nicotine on renal function in dogs. Pawlik WW, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):585-90

The effect of 6-hydroxydopamine on the renal responses to atrial natriuretic extract and blood volume expansion. Hathaway S, et al. **Proc West Pharmacol Soc** 1984;27:89-93

Effects of nicardipine, nifedipine, verapamil, and diltiazem on urine volume, sodium and potassium excretion and plasma aldosterone levels in the rat. Rosenkranz RP, et al. **Proc West Pharmacol Soc** 1984;27:67-72

Cardiovascular and renal actions of methylxanthines. Fredholm BB. **Prog Clin Biol Res** 1984;158:303-30 (108 ref.)

Sulindac does not preserve renal prostacyclin synthesis during endotoxemia. Olanoff LS, et al. **Prostaglandins** 1985 Jun;29(6):1031-7

Effects of a prostacyclin analog iloprost on kidney function, renin-angiotensin and kallikrein-kinin systems, prostanoids and catecholamines in man. Ylitalo P, et al. **Prostaglandins** 1985 Jun;29(6):1063-71

Potentiating effects of leukotriene B4 and prostaglandin E2 on urinary sodium excretion by the dog kidney. Hebert RL, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):69-80

Investigating renal function during lithium treatment. Waller DG, et al. **Psychol Med** 1985 May;15(2):369-75

A prospective study of lithium-induced nephropathy: preliminary results. Amsterdam JD, et al. **Psychopharmacol Bull** 1985;21(1):81-4

Effects of verapamil and nifedipine on renal function and hemodynamics in the dog. Bell AJ, et al. **Renal Physiol** 1984;7(6):329-43

Verapamil effect on renal function of normotensive and hypertensive rats. MacLaughlin M, et al. **Renal Physiol** 1985;8(2):112-9

Inhibition of renal membrane binding and nephrotoxicity of gentamicin by polyasparagine and polyaspartic acid in the rat. Williams PD, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):317-20

Ouabain inhibits renin release by a direct renal haemodynamic effect. Langård O, et al. **Scand J Clin Lab Invest** 1984 Oct;44(6):557-63

The effect of somatostatin on central hemodynamics, renal blood flow, and renal function in dogs. Price BA, et al. **Surgery** 1985 Mar;97(3):285-9

Postnatal methyl mercury exposure: effects on ontogeny of renal and hepatic ornithine decarboxylase responses to trophic stimuli. Bartolome J, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):147-54

Methyl mercury and selenium interaction in relation to mouse kidney gamma-glutamyltranspeptidase, ultrastructure, and function. Fair PH, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):78-96

Functional and structural alterations of the rat kidney induced by the naturally occurring organonitrile 2S-1-cyano-2-hydroxy-3,4-epithiobutane. Gould DH, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):190-201

The metabolism and nephrotoxicity of tetrafluoroethylene in the rat. Odum J, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):306-18

Influence of the antimicrotubular agents, colchicine and vinblastin, on the uptake of americium by rat liver, kidneys, and skeleton. Seidel A. **Toxicol Appl Pharmacol** 1984 Oct;76(1):113-7

The renal handling of terephthalic acid. Tremaine LM, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):165-74

Labilising effect of suramin on rat kidney lysosomes in vivo. Akanji MA. **Toxicol Lett** 1984 Dec;23(3):273-7

Uric acid levels in plasma and urine in rats chronically exposed to inorganic As (III) and As(V). Jauge P, et al. **Toxicol Lett** 1985 Jul;26(1):31-5

In vitro and in vivo effects of vanadate on K+-dependent phosphatase activities from subcellular fractions of brain, kidney and liver. Keller RJ, et al. **Toxicol Lett** 1985 Jul; 26(1):9-14

Effects of gentamicin on renal function in isolated perfused kidneys from male and female rats. Miura K, et al. **Toxicol Lett** 1985 Jul;26(1):15-8

N-(3,5-Dichlorophenyl)succinimide nephrotoxicity in the Fischer-344 rat. Rankin GO, et al. **Toxicol Lett** 1985 Jan; 24(1):99-105

Age differences in cisplatinum nephrotoxicity. Appenroth D, et al. **Toxicology** 1984 Sep 28;32(4):343-53

Interaction of potassium dichromate with the nephrotoxins, mercuric chloride and citrinin. Baggett JM, et al. **Toxicology** 1984 Nov;33(2):157-69

Cytotoxicity related changes in biochemical cell function following in vitro cadmium treatment. Bracken WM, et al. **Toxicology** 1985 Mar 15;34(3):189-200

Effect of toluidines on drug metabolizing enzymes in rat liver, kidney and lung. Gnojkowski J, et al. **Toxicology** 1984 Sep 28;32(4):335-42

Production of DNA single strand breaks in rabbit renal tissue after exposure to 1,2-dichlorovinylcysteine. Jaffe DR, et al. **Toxicology** 1985 Apr;35(1):25-33

Kidney structural changes in rats following inhalation exposure to C10-C11 isoparaffinic solvent. Phillips RD, et al. **Toxicology** 1984 Dec;33(3-4):261-73

In vivo and in vitro effects of azaconazole on renal function in the Fischer 344 rat. Rankin GO, et al. **Toxicology** 1985 Jan;34(1):1-11

Cyclosporine-associated renal damage in the mouse. Boland J, et al. **Transplant Proc** 1985 Apr;17(2):1671-2

Biochemical mechanisms of nephrotoxicity. Hook JB, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):41-50 (71 ref.)

Effect of captopril and theophylline treatment on cyclosporine-induced nephrotoxicity in rats. Gerkens JF, et al. **Transplantation** 1985 Aug;40(2):213-4

The effect of salt intake on cyclosporine-induced impairment of renal function in rats. Gerkens JF, et al. **Transplantation** 1984 Oct;38(4):412-7

Urinary beta 2-microglobulin, antimicrobial chemotherapy and infectious diseases. Trollfors B. **Ups J Med Sci** 1985; 90(1):31-6 (25 ref.)

Response of Channa punctatus (Bloch) under short and long term exposure to industrial pollutants: induction of histopathology in the kidney. Bhattacharya T, et al. **Z Mikrosk Anat Forsch** 1985;99(2):327-34

[Preliminary study on the effect of 'tonifying the kidney' on ovarian function--analysis of 56 cases] Liu DG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):476-7 (Eng. Abstr.) **(Chi)**

[Is cefotaxime nephrotoxic?] Pedersen RS. **Ugeskr Laeger** 1984 Jul 9;146(28):2091-2 (Eng. Abstr.) **(Dan)**

[Urinary myelin bodies and the nephrotoxicity of aminoglycosides] Coulon G, et al. **Nephrologie** 1984; 5(3):107-14 (Eng. Abstr.) **(Fre)**

[Renal toxicity of 9-hydroxy-2-methyl-ellipticinium] Ryckelynck JP, et al. **Nephrologie** 1984;5(2):59-63 (Eng. Abstr.) **(Fre)**

[Nephrotoxicity of anti-tumor agents] Guelpa G. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):581-2 **(Fre)**

[Changes in hemodynamics and renal function during the oral administration of betaxolol] Pathe M, et al. **Therapie** 1985 Jul-Aug;40(4):209-12 (Eng. Abstr.) **(Fre)**

[Gitoformate and digitoxin as alternatives to kidney-dependent glycosides in the therapy of cardiac insufficiency] Rietbrock N, et al. **Arzneimittelforsch** 1984; 34(8):915-7 (Eng. Abstr.) **(Ger)**

[Enzyme determination in the urine for the evaluation of kidney tolerance of the water-soluble roentgen contrast medium iopamidol] Hartmann HG, et al. **Radiologe** 1984 Sep;24(9):442-5 (Eng. Abstr.) **(Ger)**

[Experimental and clinical determination of renal size after intravenous and intra-arterial administration of ionic and non-ionic contrast media] Helzel MV, et al. **ROFO** 1985 Mar;142(3):333-7 (Eng. Abstr.) **(Ger)**

[Liver and kidney damage in rifampicin and ethambutol treatment] Kozma D, et al. **Z Erkr Atmungsorgane** 1984; 162(3):249-55 (Eng. Abstr.) **(Ger)**

[Effect of continuous cadmium administration on cytochrome P-450-dependent enzyme activities of the liver and kidney of male rats] Ozierenski B, et al. **Z Gesamte Hyg** 1984 Nov; 30(11):611-4 (Eng. Abstr.) **(Ger)**

[Peptidase activities in the kidney of male rats following castration and substitution with sex hormones] Baumer W, et al. **Z Mikrosk Anat Forsch** 1985;99(2):254-64 (Eng. Abstr.) **(Ger)**

[Renal peptidases and proteinuria following long-term treatment of castrated rats with sex hormones] Vogel S, et al. **Z Mikrosk Anat Forsch** 1984;98(3):337-52 (Eng. Abstr.) **(Ger)**

[Histochemical enzyme studies of the effect of various organophosphates on the activity of nonspecific esterases in the kidney and parotid gland of rats] Zähres V. **Z Mikrosk Anat Forsch** 1984;98(4):513-34 (Eng. Abstr.) **(Ger)**

[Urinary enzyme excretion in cephalothin therapy in adults and children] Balogh A, et al. **Z Urol Nephrol** 1984 Jul; 77(7):425-35 (Eng. Abstr.) **(Ger)**

[Renal effects of calcium antagonists] Leonetti G. **Boll Soc Ital Cardiol** 1984 Sep-Oct;29(9-10):439-41 **(Ita)**

[Clinical renal transplantation: exfoliative urinary cytology in the evaluation of nephrotoxicity induced by cyclosporin therapy] Stella F, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):295-303 (Eng. Abstr.) **(Ita)**

[Effect of diuretic, azosemide (SK-110), in combination with antibiotic, cephaloridine, on kidney] Asaeda N, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:73-88 (Eng. Abstr.) **(Jpn)**

[Preventive effect of fosfomycin on the renal toxicity of cisplatin] Kurebe M, et al. **Jpn J Antibiot** 1985 Jan; 38(1):62-8 (Eng. Abstr.) **(Jpn)**

[Fundamental and clinical studies on cefoperazone in pediatrics, with special reference to renal toxicity] Tanaka A, et al. **Jpn J Antibiot** 1985 Apr;38(4):1037-48 (Eng. Abstr.) **(Jpn)**

[The effect of halothane and enflurane on liver and renal function in patients with liver cirrhosis] Tanifuji Y, et al. **Masui** 1985 Mar;34(3):343-7 (Eng. Abstr.) **(Jpn)**

[Decreased renal excretory capacity of uric acid in rats fed a low sodium diet under consecutive administration of thiazide diuretics] Iwaki K, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):119-27 (Eng. Abstr.) **(Jpn)**

[Nephrotoxicity of anti-infectious medication] Gluhovschi G, et al. **Rev Med Interna [Med Interna]** 1984 Nov-Dec; 36(6):489-503 (39 ref.) **(Rum)**

[Decrease of sisomicin nephrotoxicity as affected by cephalothin: pharmacokinetic evaluation] Gagaeva EV, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):190-6 (Eng. Abstr.) **(Rus)**

[Use of sodium nucleinate and its combinations with bacterial polysaccharides for preventing the nephrotoxic action of aminoglycoside antibiotics] Salakaia RG, et al. **Antibiotiki** 1984 Jul;29(7):507-9 (Eng. Abstr.) **(Rus)**

[Effect of adrenaline on kidney lysosome function in rats during prolonged soft tissue crushing] Kobylianskiĭ LN. **Biull Eksp Biol Med** 1984 Oct;98(10):425-7 (Eng. Abstr.) **(Rus)**

[Nephrotoxic action of dichlorobutenes] Petrosian FR, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):44-5 **(Rus)**

[Kidney sensitivity to the action of the cerebrospinal fluid in a neurodystrophic process] Topalo VG, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):185-95 (Eng. Abstr.) **(Rus)**

[Effect of cerebrospinal fluid on the function of the isolated normal kidney and in a neurodystrophic process] Topalo VG, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug; (4):513-21 (Eng. Abstr.) **(Rus)**

[Effect of diuretics on the humoral system of kidney prostaglandins in hypertension patients] Nekrasova AA, et al. **Kardiologiia** 1984 Sep;24(9):98-104 (Eng. Abstr.) **(Rus)**

[Effect of pyridoxine, riboflavin and glutamic acid on lysosomal hydrolase activity of the liver and kidney of rats with severe mechanical injuries] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):44-8 (Eng. Abstr.) **(Rus)**

[Effect of progesterone on the ion-regulating function of the kidneys] Kukharchuk AL, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):55-8 (Eng. Abstr.) **(Rus)**

[Age-related changes in the growth-stimulating effect of serum on BHK-21 cells] Kruman II, et al. **Tsitologiia** 1984 Sep;26(9):1043-7 (Eng. Abstr.) **(Rus)**

[Mechanism of action of Tib-2 mineral water from North Ossetia on kidney function] Mozhaeva IV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):47-9 **(Rus)**

[Toxicological study of the long-term effects of the antioxidant dodecyl gallate on albino rats] Mikhaĭlova Z, et al. **Vopr Pitan** 1985 Mar-Apr;(2):49-52 (Eng. Abstr.) **(Rus)**

[Hypercalcemia and kidney function disorders after abuse of antacids] Steiner E, et al. **Lakartidningen** 1985 Jul 24; 82(30-31):2588 **(Swe)**

EMBRYOLOGY

Beckwith-Wiedemann syndrome: prenatal ultrasound diagnosis using standard kidney to abdominal circumference ratio. Grundy H, et al. **Am J Perinatol** 1985 Jul;2(3):236-9

Extracellular matrix and capillary ingrowth in interspecies chimeric kidneys. Sariola H, et al. **Cell Differ** 1984 Nov; 15(1):43-51

Ontogenesis of the glomerular C3b receptor (CR1) in fetal human kidney. Appay MD, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):103-13

Control of kidney differentiation by soluble factors secreted by the embryonic liver and the yolk sac. Ekblom P, et al. **Dev Biol** 1985 Jul;110(1):29-38

Gentamicin administration to pregnant rats: effect on fetal renal development in utero. Mallie JP, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:89-92

Growth factor requirements of organogenesis in serum-free metanephric organ culture. Avner ED, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):297-304

Normal reference ranges for biochemical substances relating to renal, hepatic, and bone function in fetal and maternal plasma throughout pregnancy. Moniz CF, et al. **J Clin Pathol** 1985 Apr;38(4):468-72

Role of transferrin in branching morphogenesis, growth and differentiation of the embryonic kidney. Thesleff I, et al. **J Embryol Exp Morphol** 1984 Aug;82:147-61

Growth of the fetal kidney. Ultrasonographic measurement of the ratio of average kidney diameter to biparietal diameter. Callan NA, et al. **J Reprod Med** 1985 Jun; 30(6):485-8

Basement membrane and organogenesis. Ekblom P, et al. **Prog Clin Biol Res** 1985;171:109-21 (42 ref.)

Organogenesis. Saxén L, et al. **Prog Clin Biol Res** 1985; 163A:41-53

Interaction of xenogeneic antiglomerular antibodies with foetal pig tissues. Rossmann P, et al. **Zentralbl Allg Pathol** 1984;129(3):235-49

[Growth of the fetal kidney. Echographic study] Levot J, et al. **J Radiol** 1984 Apr;65(4):245-50 (Eng. Abstr.) **(Fre)**

[Structure-function relationship in the development of the fetal urinary tract] Gonzales J. **J Urol (Paris)** 1985; 91(2):108-17 **(Fre)**

[Data on changes of position of the kidney in the development of the human fetus] Sánchez-Montesinos I, et al. **Arch Esp Urol** 1984 Nov-Dec;37(6):465-8 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Phenol sulphotransferase: purification and characterization of the rat kidney and stomach enzymes. Barańczyk-Kuźma A, et al. **Acta Biochim Pol** 1985;32(1):35-45

Effects of phosphate anions and some divalent metal cations on phosphoenolpyruvate carboxykinase. Comparison of liver and kidney enzyme. Karczmarewicz E, et al. **Acta Biochim Pol** 1984;31(3):329-39

Decreased responsiveness to chronic salmon calcitonin treatment in rat kidney and calvaria studied using quantitative enzyme cytochemistry. Salmon DM, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):570-6

Simultaneous visualization of alkaline phosphatase and gamma-glutamyl transpeptidase in kidney sections. Brière N, et al. **Acta Histochem (Jena)** 1984;75(1):107-10

Biochemical compartmentation of fish tissues VII non-specific phosphomonoesterases in vital organs. Shaffi SA, et al. **Acta Physiol Hung** 1985;65(4):383-7

Renal polyamine metabolism in rats with renovascular hypertension. Uvelius B, et al. **Acta Physiol Scand** 1985 May;124(1):11-5

Renal brush border membranes in X-linked hypophosphatemic mice: a study of the protein kinase activity. Brunette MG, et al. **Adv Exp Med Biol** 1984; 178:37-40

Na-K-ATPase: general considerations, role and regulation in the kidney. Doucet A. **Adv Nephrol** 1985;14:87-159 (346 ref.)

Enzyme histochemistry in plastic-embedded sections of normal and diseased kidneys. Alpers CE, et al. **Am J Clin Pathol** 1985 May;83(5):605-12

Biochemical characterization of renal epithelial cell cultures (LLC-PK1 and MDCK). Gstraunthaler G, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F536-44

Lack of fructose-1,6-bisphosphatase activity in LLC-PK1 cells [letter] Gstraunthaler G, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C181-3

Comparison of subunits of cardiac, brain, and kidney Na+-K+-ATPase. McDonough A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C247-51

Tissue-specific control of glandular kallikreins. van Leeuwen BH, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F760-4

Complete purification of arginyl-tRNA:protein arginyltransferase from hog kidney and production of its antibody. Kato M, et al. **Anal Biochem** 1984 Dec; 143(2):361-7

Purification, preliminary characterization, and immunological comparison of hog lens leucine aminopeptidase (EC 3.4.11.1) with hog kidney and beef lens aminopeptidases. Oettgen HC, et al. **Anal Biochem** 1985 Apr;146(1):238-45

Purification of swine kidney alkaline phosphatase by immunoaffinity chromatography. Oida S, et al. **Anal Biochem** 1984 Jul;140(1):117-20

Renin cleavage of a human kidney renin substrate analogous to human angiotensinogen, H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu-Val-Ile that is human renin specific and is resistant to cathepsin D. Poe M, et al. **Anal Biochem** 1984 Aug 1;140(2):459-67

Automated measurement of acid phosphatase reaction product in human kidneys treated with aminoglycoside antibiotics. Cornelis A, et al. **Anal Quant Cytol** 1984 Dec; 6(4):279-83

Kinetics of kidney mitochondrial 25-hydroxycholecalciferol-1 alpha-hydroxylase in vitamin D-repleted weanling guinea pigs. Delvin EE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):337-44

Immunoelectrophoretic characterization of the ADP/ATP carrier from heart, kidney, and liver. Schultheiss HP, et al. **Arch Biochem Biophys** 1985 May 15;239(1):273-9

Identification of calmodulin-sensitive and calmodulin-insensitive adenylate cyclase in rat kidney. Sulimovici S, et al. **Arch Biochem Biophys** 1984 Nov 1; 234(2):434-41

An essential arginine residue at the binding site of pig kidney 3,4-dihydroxyphenylalanine decarboxylase. Tancini B, et al. **Arch Biochem Biophys** 1985 May 1;238(2):565-73

Purification and characterization of galactocerebroside sulfotransferase from rat kidney. Tennekoon G, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):932–44

Catalytic activity and substrate specificity of the flavin-containing monooxygenase in microsomal systems: characterization of the hepatic, pulmonary and renal enzymes of the mouse, rabbit, and rat. Tynes RE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):77–93

The structures of the carbohydrate moieties of mouse kidney gamma-glutamyltranspeptidase: occurrence of X-antigenic determinants and bisecting N-acetylglucosamine residues. Yamashita K, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):573–82

Effect of norepinephrine and vasopressin on renal kallikrein excretion in rats. Martínez Seeber A, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):83–8

Nitrophenylphosphatase activity in the kidney sac nephrocytes of Helix aspersa. Sanchez-Aguayo I, et al. **Basic Appl Histochem** 1984;28(3):233–44

Differential import and processing of the precursors to F1-ATPase beta-subunit and ornithine carbamyltransferase by liver, spleen, heart and kidney mitochondria. Côté C, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):240–7

The production and characterization of a monoclonal antibody specific for the 94,000 dalton enkephalin-degrading peptidase from rabbit kidney brush border. Crine P, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):255–61

The amino acid sequence of the fluorescein isothiocyanate reactive site of lamb and rat kidney Na+- and K+-dependent ATPase. Kirley TL, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):767–73

Glutathione: an endogenous substrate for thiopurine methyltransferase? Loo G, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1201–7

The reactive cysteine residue of pig kidney fructose 1,6-bisphosphatase is related to a fructose 2,6-bisphosphate allosteric site. Reyes A, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):373–9

Hyperthermia and polyamine biosynthesis: decreased ornithine decarboxylase induction in skin and kidney after heat shock. Verma AK, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):156–62

Induction of hepatic and renal ornithine decarboxylase by cadmium in rats. Yoshida T, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):882–7

A regulatory locus, Hdc-e, determines the response of mouse kidney histidine decarboxylase to estrogen. Martin SA, et al. **Biochem Genet** 1984 Dec;22(11–12):1037–46

A structural gene (Hdc-s) for mouse kidney histidine decarboxylase. Martin SA, et al. **Biochem Genet** 1984 Aug; 22(7–8):645–56

Aldehyde reductase isozymes in the mouse: evidence for two new loci and localization of Ahr-3 on chromosome 7. Mather PB, et al. **Biochem Genet** 1985 Jun;23(5–6):483–96

The Pk-3 gene determines both the heart, M1, and the kidney, M2, pyruvate kinase isozymes in the mouse; and a simple electrophoretic method for separating phosphoglucomutase-3. Peters J, et al. **Biochem Genet** 1984 Dec;22(11–12):1047–63

Multiple species of ornithine decarboxylase in mouse kidney. Effect of testosterone. Laitinen SI, et al. **Biochem Int** 1985 Apr;10(4):559–66

Dye-sensitized photo-oxidation of pig kidney Dopa decarboxylase. Pasqua A, et al. **Biochem Int** 1984 Oct; 9(4):437–46

Increased cathepsin D-like activity in cortex, tubules, and glomeruli isolated from rats with experimental nephrotic syndrome. Baricos WH, et al. **Biochem J** 1984 Oct 15; 223(2):393–9

Resolution and reconstitution of bovine kidney branched-chain 2-oxo acid dehydrogenase complex. Cook KG, et al. **Biochem J** 1985 Feb 1;225(3):731–5

Quantification of liver and kidney phosphofructokinase by radioimmunoassay in fed, starved and alloxan-diabetic rats. Donofrio JC, et al. **Biochem J** 1984 Dec 1;224(2):541–7

Comparison of the phosphate-dependent glutaminase obtained from rat brain and kidney. Haser WG, et al. **Biochem J** 1985 Jul 15;229(2):399–408

The influence of oxidation-reduction state on the kinetic stability of pig kidney general acyl-CoA dehydrogenase and other flavoproteins. Madden M, et al. **Biochem J** 1984 Dec 1;224(2):577–80

Comparison of ornithine decarboxylase from rat liver, rat hepatoma and mouse kidney. Seely JE, et al. **Biochem J** 1985 Mar 1;226(2):577–86

Regulation of renal cytochrome P-450. Effects of two-thirds hepatectomy, cholestasis, biliary cirrhosis and post-necrotic cirrhosis on hepatic and renal microsomal enzymes. Babany G, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):311–20

Preparation and characterization of subcellular fractions from the head kidney of the Northern pike (Esox lucius), with particular emphasis on xenobiotic-metabolizing enzymes. Balk L, et al. **Biochem Pharmacol** 1985 Mar 15; 34(6):789–802

Induction of a decrease in renal NAD+-dependent 15-hydroxyprostaglandin dehydrogenase activity by estradiol in rats. Chang WC, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2073–6

Comparison of kidney, lung and liver coumarin 7-hydroxylases in phenobarbital pretreated DBA/2J and C57BL/6J mice. Kaipainen P, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1987–91

ATPase activities in kidney basolateral plasma membranes of young and old rats. Marín R, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2275–9

Hormonal and drug effects on the degradation of human myelin basic protein peptide 43–88 by alkaline proteolytic activity in the rat kidney. Trestman RL, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1231–7

Investigation of structure and rate of synthesis of ornithine decarboxylase protein in mouse kidney. Persson L, et al. **Biochemistry** 1984 Jul 31;23(16):3777–83

Purification and characterization of a human kidney neutral endopeptidase that hydrolyzes succinyl trialanine-4-nitroanilide and biologically active peptides. Aoyagi K, et al. **Biochim Biophys Acta** 1985 Jun 18; 840(2):211–8

Estradiol is responsible for reduced renal prostaglandin dehydrogenase activity in female rats. Cagen LM, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):372–8

Purification of gamma-glutamyltransferase by phenyl boronate affinity chromatography. Studies on the acceptor specificity of transpeptidation by rat kidney gamma-glutamyltransferase. Cook ND, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):205–12

Ca2+-stimulated, Mg2+-independent ATP hydrolysis and the high affinity Ca2+-pumping ATPase. Two different activities in rat kidney basolateral membranes. Ghijsen W, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):481–8

Purification and partial characterization of rat kidney histamine-N-methyltransferase. Harvima RJ, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):42–9

Complete co-purification of choline kinase and ethanolamine kinase from rat kidney and immunological evidence for both kinase activities residing on the same enzyme protein(s) in rat tissues. Ishidate K, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):119–24

Evidence for the existence of multiple forms of choline (ethanolamine) kinase in rat tissues. Ishidate K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):1–8

Involvement of sulfhydryl groups in the inhibition of brain (Na+ + K+)-ATPase by pyrithiamin. Matsuda T, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):17–24

Partial purification and characterization of rabbit-kidney brush-border (Ca2+ or Mg2+)-dependent adenosine triphosphatase. Mörtl M, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):237–46

Renal trehalase: two subsites at the substrate-binding site. Nakano M, et al. **Biochim Biophys Acta** 1984 Nov 23; 791(1):45–9

Glycylglycyl-L-cysteine as a substrate for renal sulfhydryl oxidase (glutathione oxidase). Schmelzer CH, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):140–3

Stimulation of hepatic and renal diamine oxidase activity after acute ethanol administration. Sessa A, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):285–9

Purification and characterization of rat kidney L-alanine: 4,5-dioxovalerate transaminase and inhibition by hemin. Singh NK, et al. **Biochim Biophys Acta** 1985 Mar 1; 827(3):305–9

The significance of the attachment of rat kidney glutaminase to the inner mitochondrial membrane. Strzelecki T, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):334–41

Changes in kidney transaminase activity during development in male and female rats. Tormanen CD, et al. **Biosci Rep** 1985 Apr;5(4):309–14

Renal reduced nicotinamide adenine dinucleotide phosphate:cytochrome c reductase-mediated metabolism of the carcinogen N-[4-(5-nitro-2-furyl)-2-thiazolyl]acetamide. Mattammal MB, et al. **Cancer Res** 1985 Jan;45(1):149–56

Distribution and properties of type I and type II binding proteins in the cyclic adenosine 3':5'-monophosphate-dependent protein kinase system in Wilms' tumor. Nakajima F, et al. **Cancer Res** 1984 Nov; 44(11):5182–7

Characteristics of inhibition of human renal adenosine triphosphatases by cisplatin and chloroplatinic acid. Nechay BR, et al. **Cancer Treat Rep** 1984 Sep;68(9):1135–41

Release of alkaline phosphodiesterase I from rat kidney plasma membrane produced by the phosphatidylinositol-specific phospholipase C of Bacillus thuringiensis. Nakabayashi T, et al. **Cell Struct Funct** 1984 Sep;9(3):247–63

A monoclonal antibody against human urokinase: characterization of the epitope and its localization in human kidney. Nakamura M, et al. **Cell Struct Funct** 1984 Jun; 9(2):167–79

Renal cyclo-oxygenase and lipoxygenase products in health and disease. Dunn MJ, et al. **Clin Physiol Biochem** 1984; 2(2–3):91–100 (22 ref.)

Seasonal kidney and plasma renin concentration in Testudo hermanni Gmelin. Vallarino M. **Comp Biochem Physiol [A]** 1984;79(4):529–31

Na+/K+-ATPase from Xenopus laevis (Daudin) kidney and epidermis: high sensitivity towards regulatory compounds. Giunta C, et al. **Comp Biochem Physiol [B]** 1984;79(1):71–4

Kinetic properties of rat kidney D-amino acid oxidase associated with peroxisomes. Huynh MS, et al. **Comp Biochem Physiol [B]** 1985;80(3):425–30

Influence of salinity and ratio of lipid to protein in diets on certain enzyme activities in rainbow trout (Salmo gairdneri Richardson). Jürss K, et al. **Comp Biochem Physiol [B]** 1985; 81(1):73–9

Predominant localization of dihydroxyacetone-phosphate acyltransferase activity in renal peroxisomes of male and female mice. Mackness MI, et al. **Comp Biochem Physiol [B]** 1985;80(1):161–4

Branched chain alpha-keto acid dehydrogenase in tissues from rainbow trout (Salmo gairdnerii). Ottesen I, et al. **Comp Biochem Physiol [B]** 1984;79(3):489–91

Quantitative enzymatic and morphologic histophotometry of kidney tissue after perfusion and transplantation. Heinert G, et al. **Contrib Nephrol** 1984;42:136–41

Lysosomal enzyme release in hypothermically perfused dog kidneys. Pavlock GS, et al. **Cryobiology** 1984 Oct; 21(5):521–8

15-Hydroxyprostaglandin dehydrogenase activity in human fetal kidney tissue. Casey ML, et al. **Early Hum Dev** 1984 Sep;10(1–2):13–22

Rat parathyroid hormone-(1–34) fragment: renal adenylate cyclase activity and receptor binding properties in vitro. Keutmann HT, et al. **Endocrinology** 1985 Sep;117(3):1230–4

Influence of forskolin on the parathyroid hormone dependent adenylate cyclase system of canine kidney: evidence for noncatalytic effects of forskolin. Martin KJ, et al. **Endocrinology** 1984 Nov;115(5):1678–82

Induction of flavokinase (EC 2.7.1.26) by aldosterone in the rat kidney. Trachewsky D, et al. **Endocrinology** 1985 Mar; 116(3):879–88

Bovine kidney gamma-glutamyltransferase. Solubilized forms, biochemical and immunochemical properties. Milnerowicz H, et al. **Enzyme** 1984;32(4):208–17

Regulation of bovine kidney branched-chain 2-oxoacid dehydrogenase complex by reversible phosphorylation. Cook KG, et al. **Eur J Biochem** 1984 Dec 17;145(3):587–91

Galactosyl transferases of baby hamster kidney (BHK) cells. Characterization of two oligosaccharide products synthesised using bovine asialo submaxillary-gland mucin as acceptor. Gleeson PA, et al. **Eur J Biochem** 1984 Oct 1;144(1):143–50

Mechanism of activation of bovine kidney pyruvate dehydrogenase a kinase by malonyl-CoA and enzyme-catalyzed decarboxylation of malonyl-CoA. Rahmatullah M, et al. **Eur J Biochem** 1985 Jul 1; 150(1):181–7

Studies with general acyl-CoA dehydrogenase from pig kidney. Inactivation by a novel type of 'suicide' inhibitor, 3,4-pentadienoyl-CoA. Wenz A, et al. **Eur J Biochem** 1985 Mar 15;147(3):553–60

15-Hydroxyprostaglandin dehydrogenase and hexokinase in spontaneously hypertensive rat kidney. Corder CN, et al. **Experientia** 1984 Dec 15;40(12):1368–9

Alterations in mitochondrial aconitase activity and respiration, and in concentration of citrate in some organs of mice with experimental or genetic diabetes. Boquist L, et al. **FEBS Lett** 1985 Apr 8;183(1):173–6

Lysosomal thyroid hormone 5'-deiodinase. Colquhoun EQ, et al. **FEBS Lett** 1984 Nov 19;177(2):221–6

Activatory effect of two cardioglycosides on Cavia cobaya kidney Na+/K+-ATPase activity. Giunta C, et al. **Gen Pharmacol** 1985;16(3):183–8

Enzyme- and immuno-histochemical localization of kallikrein. II. The human kidney. Kimura K, et al. **Histochemistry** 1984;80(5):443–8

Demonstration of cathepsin B in the rat kidney using fluorescence histochemistry. Kugler P. **Histochemistry** 1985;82(3):299–300

Light and electron microscopic localization of L-alpha-hydroxyacid oxidase in rat kidney revealed by immunocytochemical techniques. Yokota S, et al. **Histochemistry** 1985;82(1):25–32

Application of immunochemical methods to the identification and characterization of rat kidney inactive renin. Takii Y, et al. **Hypertension** 1985 Mar–Apr;7(2):236–43

Some immunochemical properties of pig kidney DOPA decarboxylase. Rosei MA, et al. **Immunol Commun** 1984; 13(4):381–9

Acute effects of organotins on brain, liver and kidney in rats. Dwivedi RS, et al. **Ind Health** 1985;23(1):9–15

Studies on the diurnal rhythm of mevalonate metabolism by sterol and nonsterol pathways and of mevalonate-activating enzymes. Gonzalez-Pacanowska D, et al. **Int J Biochem** 1985;17(2):275–8

Diamine oxidase from horse kidney: ionic strength dependence of stability and activity. Corda M, et al. **Ital J Biochem** 1984 Sep–Oct;33(5):303–10

Purification and properties of bovine kidney ribonucleases. Niwata Y, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):923–34

Ectoenzyme release from rat liver and kidney by phosphatidylinositol-specific phospholipase C. Taguchi R, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):911–21

Use of acivicin in the determination of rate constants for turnover of rat renal gamma-glutamyltranspeptidase. Capraro MA, et al. **J Biol Chem** 1985 Mar 25; 260(6):3408–12

Chemical modification of pig kidney 3,4-dihydroxyphenylalanine decarboxylase with diethyl pyrocarbonate. Evidence for an essential histidyl residue. Dominici P, et al. **J Biol Chem** 1985 Sep 5;260(19):10583–9

Simultaneous bindings of ATP and vanadate to (Na+ + K+)-ATPase. Implications for the reaction mechanism of the enzyme. Huang WH, et al. **J Biol Chem** 1984 Nov 10; 259(21):13287-91

Complete purification of choline kinase from rat kidney and preparation of rabbit antibody against rat kidney choline kinase. Ishidate K, et al. **J Biol Chem** 1984 Dec 10; 259(23):14706-10

Repression of rat kidney L-arginine:glycine amidinotransferase synthesis by creatine at a pretranslational level. McGuire DM, et al. **J Biol Chem** 1984 Oct 10;259(19):12034-8

Enkephalinase from rat kidney. Purification, characterization, and study of substrate specificity. Malfroy B, et al. **J Biol Chem** 1984 Dec 10;259(23):14365-70

Modification of bovine kidney pyruvate dehydrogenase kinase activity by CoA esters and their mechanism of action. Rahmatullah M, et al. **J Biol Chem** 1985 Aug 25; 260(18):10146-52

Conformational change of sodium- and potassium-dependent adenosine triphosphatase. Conformational evidence for the Post-Albers mechanism in Na+- and K+-dependent hydrolysis of ATP. Taniguchi K, et al. **J Biol Chem** 1984 Dec 25;259(24):15228-33

Leucine aminopeptidase from bovine lens and hog kidney. Comparison using immunological techniques, electron microscopy, and X-ray diffraction. Taylor A, et al. **J Biol Chem** 1984 Dec 10;259(23):14757-61

Induction of microvillar hydrolase activities by cell density and exogenous differentiation inducers in an established kidney epithelial cell line (LLC-PK1). Yoneyama Y, et al. **J Cell Physiol** 1984 Oct;121(1):64-73

Immunologic identification of both plasma and human renal inactive renin as prorenin. Bouhnik J, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):399-401

Iodothyronine 5'-deiodinase in rat kidney microsomes. Kinetic behavior at low substrate concentrations. Goswami A, et al. **J Clin Invest** 1984 Dec;74(6):2097-106

Modulation of renal sodium-potassium-adenosine triphosphatase by aldosterone. Effect of high physiologic levels on enzyme activity in isolated rat and rabbit tubules. Mujais SK, et al. **J Clin Invest** 1985 Jul;76(1):170-6

A fast screening method for histochemical localization of carbonic anhydrase. Application to kidney, skeletal muscle, and thrombocytes. Dermietzel R, et al. **J Histochem Cytochem** 1985 Feb;33(2):93-8

Defective renal adenylate cyclase response to prostaglandin E2 in spontaneously hypertensive rats. Umemura S, et al. **J Hypertens** 1985 Apr;3(2):159-65

Studies on the bovine brain pyruvate dehydrogenase complex using the antibodies against kidney enzyme complex. Sheu KF, et al. **J Neurochem** 1984 Nov;43(5):1352-8

Renal microsomal N-nitrosodimethylamine demethylase determined by a sensitive radiometric method. Ohno Y, et al. **J Pharmacobiodyn** 1984 Nov;7(11):872-82

Renal inactive kallikrein as the possible origin of urinary inactive kallikrein in the rat. Okamura H, et al. **J Pharmacobiodyn** 1985 Mar;8(3):175-85

Regulation of lead inhibition of delta-aminolevulinic acid dehydratase by a low molecular weight, high affinity renal lead-binding protein. Goering PL, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):66-71

Inhibition of renal Na+, K+-adenosine triphosphatase by gentamicin. Williams PD, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):248-53

Deficiency in 15-hydroxyprostaglandin dehydrogenase activity after unilateral ureteral obstruction of the dog kidney. Wong PY, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):470-4

17 alpha-oxidoreductase activity in kidneys of male and female mice of various ages. Takeyama M, et al. **J Steroid Biochem** 1985 May;22(5):617-21

Reversibility effects on renal and hepatic gluconeogenic enzymes in rats from chronic exposure of cadmium. Rajanna B, et al. **J Toxicol Environ Health** 1985; 15(3-4):521-9

Effect of ammonium glycyrrhizinate on pig kidney microsome Na+, K+-ATPase activity in vitro. Qi ZJ, et al. **J Tradit Chin Med** 1984 Dec;4(4):307-8

Enzyme activities in plasma, kidney, liver, and muscle of five avian species. Franson JC, et al. **J Wildl Dis** 1985 Jan; 21(1):33-9

Differences in activity of N2-guanine tRNA methyltransferase II among several inbred strains of mice. Dizik M, et al. **JNCI** 1985 Jan;74(1):223-8

Activation of human and rabbit prokallikrein by serine and metalloproteases. Noda Y, et al. **Kidney Int** 1985 Apr; 27(4):630-5

Inhibition of rat cardiac and renal Na+,K+-ATPase by high sodium concentrations and vanadate. Clough DL. **Life Sci** 1985 Sep 2;37(9):799-807

Greater sensitivity to vanadate of rat renal relative to cardiac (Na+ + K+)-ATPase. Clough DL. **Life Sci** 1984 Nov 5;35(19):1937-46

Degradation of the 34 amino acid gastrin by rat tissue homogenates. Movsas B, et al. **Life Sci** 1985 Jan 7; 36(1):89-95

Hydrolysis of the C-terminal octapeptide of cholecystokinin by rat kidney membranes: characterization of the cleavage by solubilized endopeptidase-24.11. Najdovski T, et al. **Life Sci** 1985 Sep 2;37(9):827-34

Glutathione peroxidase and reductase activities in the aging mouse. Hazelton GA, et al. **Mech Ageing Dev** 1985 Jan; 29(1):71-81

On the ontogeny of aldolase isozymes and their interactions with cellular structure. Reid S, et al. **Mech Ageing Dev** 1985 May 31;30(3):299-317

Binding and regulatory properties of phosphofructokinase from swine kidney. Muniyappa K, et al. **Mol Cell Biochem** 1984 Aug;63(1):21-32

Two forms of ornithine decarboxylase activity in mouse kidney. Loeb D, et al. **Mol Cell Endocrinol** 1984 Nov; 38(1):67-73

Major differences in the specificity and regulation of mouse renal cytochrome P-450-dependent monooxygenases. A comparison of xenobiotic and endogenous substrates. Hawke RL, et al. **Mol Pharmacol** 1985 Sep;28(3):283-9

Structural features of 4-amino antifolates required for substrate activity with mammalian folylpolyglutamate synthetase. Moran RG, et al. **Mol Pharmacol** 1985 Jan; 27(1):156-66

Studies on porphyrin metabolism in the kidney. Effects of trace metals and glutathione on renal uroporphyrinogen decarboxylase. Woods JS, et al. **Mol Pharmacol** 1984 Sep; 26(2):336-41

Morphological aspects of the rat kidney preserved by cold storage. IV. Histoenzymological changes. V. Endopeptidase activity. Neagu S, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):217-21

Renal filtration and catabolism of complement protein D. Volanakis JE, et al. **N Engl J Med** 1985 Feb 14;312(7):395-9

Immunohistochemical demonstration of carbonic anhydrase in human kidney, bone and giant cell tumor of bone. Kuwahara H, et al. **Osaka City Med J** 1983;29(2):169-77

Localization and properties of NAD+-dependent 15-hydroxyprostaglandin dehydrogenase activity in the rat kidney. Uchida S, et al. **Pflugers Arch** 1985 Jul; 404(3):278-84

Parallel changes in red blood cell and renal Na-K-ATPase activity in adrenal and electrolyte disorders in the rat. Wald H, et al. **Pflugers Arch** 1985 May;404(1):56-60

Ren-1 and Ren-2 loci are expressed in mouse kidney. Field LJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6196-200

Identification of intracellular degradation intermediates of aldolase B by antiserum to the denatured enzyme. Reznick AZ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6114-8

Renal Na+-K+-ATPase in weanling and adult spontaneously hypertensive rats. Cangiano JL, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):240-6

Nitrendipine-induced stimulation of renin release by the isolated perfused rat kidney. Loutzenhiser R, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):133-6

Tissue kallikrein levels and synthesis rates are not changed by an acute physiological dose of aldosterone. Miller DH, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):121-5

Expression of the Mep-1 gene regulating meprin, a kidney brush border proteinase. Beynon RJ, et al. **Prog Clin Biol Res** 1985;180:185-94

Reaction of pig kidney aldehyde reductase with the coenzyme analogue 5'-p-fluorosulfonylbenzoyladenosine. Cronin CN, et al. **Prog Clin Biol Res** 1985;174:279-90

Cathepsin J: a high molecular weight cysteine proteinase from human tissues. Liao JC, et al. **Prog Clin Biol Res** 1985;180:225-7

The indirect effect of Ca2+ on liver and kidney cytosol phosphoenolpyruvate carboxykinase activity. Matyaszczyk M, et al. **Prog Clin Biol Res** 1984;168:171-5

Aspects of the relationship between liver, kidney and bone alkaline phosphatases. Moss DW. **Prog Clin Biol Res** 1984; 166:79-86

Distribution of [3H]-D-penicillamine in mouse kidney. An autoradiographic study. de Angelis E, et al. **Rheumatol Int** 1984;4(4):183-6

Properties of ouabain-resistant variants of a polarized established cell line. Rossi B, et al. **Soc Gen Physiol Ser** 1985;39:135-47

Rat kidney brush border enzyme activity following subchronic oral lead exposure. Teichert-Kuliszewska K, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):211-8

Inhalation of isopropanol: induction of activating and deactivating enzymes in rat kidney and liver. Increased microsomal metabolism of n-hexane. Zahlsen K, et al. **Toxicology** 1985 Jan;34(1):57-66

[Effect of various effectors on alkaline phosphatase of beef kidney] Heloue M, et al. **Cell Mol Biol** 1985;31(4):313-9 (Eng. Abstr.) **(Fre)**

[New isolation procedure for swine kidney acylase. Kinetics of Co2+, Mn2+, Ni2+ and Cd2+-enzymes] Gilles I, et al. **Z Naturforsch** [C] 1984 Sep-Oct;39(9-10):1017-20 (Eng. Abstr.) **(Ger)**

[Nephrotoxicity of contrast media. Comparison of iopamidol and diatrizoate by measurement of urinary enzymes after urography] Schiavina G, et al. **Radiol Med (Torino)** 1984 Apr;70(4):176-9 (Eng. Abstr.) **(Ita)**

[Molecular weight of mitochondrial type B MAO in various organs of guinea pig] Obata T, et al. **Nippon Yakurigaku Zasshi** 1985 Jan;85(1):23-31 (Eng. Abstr.) **(Jpn)**

[Cholinergic regulation of the Na, K-ATPase activity of the pig kidney] Mustafin AM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):542-3 (Eng. Abstr.) **(Rus)**

[Endogenic activation of prorenin in hypertension] Shkhvatsabaia IK, et al. **Kardiologiia** 1984 Jul;24(7):48-52 (Eng. Abstr.) **(Rus)**

[Lysosomal enzyme activity in the liver and kidneys of rats with severe mechanical trauma] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):53-8 (Eng. Abstr.) **(Rus)**

[Homocarnosinase activity in the rat brain areas kidneys under different states of hyperbarooxygenation] Krichevskaia AA, et al. **Ukr Biokhim Zh** 1985 Mar-Apr; 57(2):69-72 (Eng. Abstr.) **(Rus)**

[Na+, K+-ATPase activity of the kidneys and 3,5,3'-triiodothyronine levels in rat plasma during adaptation to cold] Zamaĭ TN, et al. **Vopr Med Khim** 1985 May-Jun;31(3):137-40 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Renal growth retardation in children: sign suggestive of vesicoureteral reflux? Ginalski JM, et al. **AJR** 1985 Sep; 145(3):617-9

Ontogeny of renal mineralocorticoid receptors and urinary electrolyte responses in the rat. Stephenson G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F665-71

Na regulates growth of kidney epithelial cells induced by lowering extracellular K concentration. Walsh-Reitz MM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C321-6

Glycosphingolipid patterns of rat kidney. Dependence on age and sex. Tomono Y, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):199-204

Evolution of the granular cells of the juxtaglomerular apparatus during postnatal development in the albino rat. Effect of age, body weight, renal weight and sex. Rabineau D, et al. **Biol Neonate** 1985;47(3):148-52

Interrenal function during amphibian metamorphosis: in vitro biosynthesis of radioactive corticosteroids from (4(14)C)-progesterone by interrenal in Xenopus laevis tadpoles. Jolivet-Jaudet G, et al. **Comp Biochem Physiol [B]** 1984;79(2):239-44

Effects of prenatal glucocorticoids on renal maturation in newborn infants. MacKintosh D, et al. **Dev Pharmacol Ther** 1985;8(2):107-14

Short photoperiod effects on kidney growth in male Syrian hamsters. Logan JL, et al. **Growth** 1985 Spring;49(1):78-90

Divergent membrane maturation in rat kidney: exposure by dietary taurine manipulation. Chesney RW, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):93-100

Evaluation of kidney growth in vesico-ureteral reflux. Peratoner L, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):83-8

A cloning assay for 6-thioguanine resistance provides evidence against certain somatic mutational theories of aging. Horn PL, et al. **J Cell Physiol** 1984 Nov; 121(2):309-15

Postconceptional age and gentamicin elimination half-life. Kasik JW, et al. **J Pediatr** 1985 Mar;106(3):502-5

A sonographic assessment of neonatal renal parameters. Erwin BC, et al. **J Ultrasound Med** 1985 May;4(5):217-20

Thyroid hormones influencing renal electrolyte excretion in saline loaded rats of different ages. Bräunlich H. **Physiol Bohemoslov** 1984;33(4):303-8

Control of nucleic acid and protein synthesis in developing brain, kidney, and heart of the neonatal rat: effects of alpha-difluoromethylornithine, a specific, irreversible inhibitor of ornithine decarboxylase. Slotkin TA, et al. **Teratology** 1984 Oct;30(2):211-24

Transitional nephrology. Stewart CL, et al. **Urol Clin North Am** 1985 Feb;12(1):143-49 (58 ref.)

[Characteristics of kidney development in the progeny of mothers with hypocorticism (an experimental study)] Gitlina AG, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):63-4 **(Rus)**

IMMUNOLOGY

Summary report: National Institutes of Health conference on monoclonal antibodies in renal research. Couser WG, et al. **Am J Kidney Dis** 1985 Jul;6(1):7-17

Nephroimmunopathology and pathophysiology. Wilson CB, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F319-31 (119 ref.)

Localization of Tamm-Horsfall-glycoprotein-like immunoreactivity in cultured baby-hamster kidney cells, shown by immunofluorescence and by light- and electron-microscopic immunoperoxidase techniques. Sikri KL, et al. **Biochem J** 1985 Jan 15;225(2):481-6

Varying expression of major histocompatibility complex antigens on human renal endothelium and epithelium. Evans PR, et al. **Br J Exp Pathol** 1985 Feb;66(1):79-87

HLA-Dr+ T cells of the Leu 3 (helper) type infiltrate the kidneys of patients with systemic lupus erythematosus. Caligaris-Cappio F, et al. **Clin Exp Immunol** 1985 Jan; 59(1):185-9

A monoclonal antibody to a rat hepato-renal membrane antigen. Tamakoshi K, et al. **Clin Exp Immunol** 1985 May; 60(2):373-80

Immunopathogenesis of Heymann's nephritis. Biesecker G, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):333-8

Mixed agglutination with guinea pig tissue sediments for detection of heterophile antibodies. Tamura T, et al. **Diagn Immunol** 1984;2(2):101-4

Structural characterization of a blood group A heptaglycosylceramide with globo-series structure. The major glycolipid based blood group A antigen of human kidney. Breimer ME, et al. **FEBS Lett** 1985 Jan 1; 179(1):165-72

Diagnostic value of different antiliver/kidney microsome antibodies [letter] Rizzetto M, et al. **Hepatology** 1985 Sep-Oct;5(5):910-11

Antibody-dependent cell-mediated cytotoxicity against IBR-infected bovine kidney cells by ruminant neutrophils: the role of lysosomal cationic protein. Thorne KJ, et al. **Immunology** 1984 Oct;53(2):275-82
Lack of cross-reactivity of antibodies to ribosomal preparations from Streptococcus mutans with human heart and kidney antigens. Gregory RL, et al. **Infect Immun** 1984 Oct;46(1):42-7
Detection of cross-reactive anti-DNA antibody idiotypes on renal tissue-bound immunoglobulins from lupus patients. Isenberg DA, et al. **J Clin Invest** 1985 Jul;76(1):287-94
Anti-liver-kidney microsome antibody recognizes a 50,000 molecular weight protein of the endoplasmic reticulum. Alvarez F, et al. **J Exp Med** 1985 May 1;161(5):1231-6
Applications of immunocolloids in light microscopy. III. Demonstration of antigenic and lectin-binding sites in semithin resin sections. Lucocq JM, et al. **J Histochem Cytochem** 1984 Oct;32(10):1075-83
Systemic immunologic stimuli increase class I and II antigen expression in mouse kidney. Halloran PF, et al. **J Immunol** 1985 Aug;135(2):1053-60
Immunohistologic dissection of the human kidney using monoclonal antibodies. Bander NH, et al. **J Urol** 1985 Mar;133(3):502-5
Hidden IgA subclass determinants in human renal disease. Melvin TR, et al. **Kidney Int** 1985 Apr;27(4):685-9
Distribution of the major histocompatibility complex antigens in human and rat kidney. von Willebrand E, et al. **Kidney Int** 1985 Apr;27(4):616-21
Factor VIII:C synthesis in the kidney [letter] Rall LB, et al. **Lancet** 1985 Jan 5;1(8419):44
Synergistic effect of subteratogenic doses of antisera on the development in the rat. Miyata K, et al. **Teratology** 1984 Oct;30(2):275-9
The role of renal endothelial antigens and donor-specific antibodies in allograft rejection. Evans PR, et al. **Transplant Proc** 1984 Oct;16(5):1181
Localization of MN blood group antigens in kidney. Hawkins P, et al. **Transplant Proc** 1985 Apr;17(2):1697-700
Evolving use of OKT3 monoclonal antibody for treatment of renal allograft rejection. Thistlethwaite JR Jr, et al. **Transplantation** 1984 Dec;38(6):695-701
[Cytotoxic properties of anti-kidney antibodies in the chick embryo. I--Antibodies reacting with an antigen specific for the proximal segment of the secretory tubules] Goicoechea O, et al. **Arch Anat Microsc Morphol Exp** 1984;73(2):91-103 (Eng. Abstr.) **(Fre)**
[Characterization of membrane antigens from human kidney and renal adenocarcinoma] Scherberich JE, et al. **Immun Infekt** 1984 Nov;12(6):267-78 (Eng. Abstr.) **(Ger)**
[Association of glomerulonephritis in essential mixed cryoglobulinemia with IgA nephropathy. Effect of treatment with plasmapheresis and chlorbutin] Andreeva NE, et al. **Ter Arkh** 1984;56(7):97-9 **(Rus)**

INJURIES

Renal morphology and function immediately after extracorporeal shock-wave lithotripsy. Kaude JV, et al. **AJR** 1985 Aug;145(2):305-13
Should the emergency IVP be used more selectively in blunt renal trauma? Levitt MA, et al. **Ann Emerg Med** 1985 Oct;14(10):959-65
Emergency intravenous pyelography in the trauma patient. A reexamination of the indications. Fortune JB, et al. **Arch Surg** 1985 Sep;120(9):1056-9
Increased renal parenchymal accumulation of Tc-99m HDP in kidney contusion. Salimi Z, et al. **Clin Nucl Med** 1984 Oct;9(10):574-6
Renal trauma: a review. Kilstein S, et al. **J Am Osteopath Assoc** 1985 Mar;85(3):161-5
Renal trauma in a South African hospital: a two year study. Gray N. **J R Army Med Corps** 1985 Feb;131(1):19-20
Operative indications in penetrating renal trauma. Carroll PR, et al. **J Trauma** 1985 Jul;25(7):587-93
Renal pedicle injury in patients with multiple injuries. Cass AS, et al. **J Trauma** 1985 Sep;25(9):892-6
Nephrectomy following trauma--impact on patient outcome. Narrod JA, et al. **J Trauma** 1985 Sep;25(9):842-4
Renal trauma: evaluation by computerized tomography. Erturk E, et al. **J Urol** 1985 Jun;133(6):946-9
Nonoperative management of renal stab wounds. Heyns CF, et al. **J Urol** 1985 Aug;134(2):239-42
Percutaneous catheter drainage of post-traumatic urinoma. Morano JU, et al. **J Urol** 1985 Aug;134(2):319-21
Renal trauma: re-evaluation of the indications for radiographic assessment. Nicolaisen GS, et al. **J Urol** 1985 Feb;133(2):183-7
Combined renal and vena caval trauma: a review of personal and recorded experience. Peterson NE, et al. **J Urol** 1985 Apr;133(4):567-74
Traumatic lymphocele following renal transplantation. Roney PD, et al. **J Urol** 1985 Aug;134(2):322-3
Surgical repair of the kidney after blunt lesions of intermediate degree using a Vicryl mesh: an experimental study. Schoenenberger A, et al. **J Urol** 1985 Oct;134(4):804-8
The computerized tomography appearance of renal pedicle injury. Steinberg DL, et al. **J Urol** 1984 Dec;132(6):1163-4
Traumatic amputation of the left lower renal pole in children. Waxman J, et al. **J Urol** 1985 Jul;134(1):114-7
Excretory urography: an overused procedure in traumatic hematuria. Reddick EJ, et al. **Milit Med** 1985 Mar;150(3):132-4
Renal trauma: radiological studies. Comparison of urography, computed tomography, angiography, and radionuclide studies. Lang EK, et al. **Radiology** 1985 Jan;154(1):1-6
Type of blunt renal injury rather than associated extravasation should determine treatment. Cass AS, et al. **Urology** 1985 Sep;26(3):249-51
Page kidney resulting from massive subcapsular hematoma. Complication of lumbar sympathetic nerve block. Wheatley JK, et al. **Urology** 1984 Oct;24(4):361-3
[Blunt injuries of the kidney in children] Krolupper M, et al. **Rozhl Chir** 1985 Apr;64(4):262-6 (Eng. Abstr.) **(Cze)**
[Microscopic hematuria following blunt abdominal injury] Monstrey SJ, et al. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1284-7 (Eng. Abstr.) **(Dut)**
[Injuries of the kidney in children. Contribution of computerized axial tomography and echography] Collier F, et al. **Acta Urol Belg** 1985;53(1):5-13 (Eng. Abstr.) **(Fre)**
[Kidney lesions and abdominal wounds in children. Diagnostic and therapeutic problems in emergencies. Apropos of 45 cases (1964-1984)] Debeugny P, et al. **Acta Urol Belg** 1984;52(4):493-508 (Eng. Abstr.) **(Fre)**
[Radiography and blunt trauma of the pancreas and the left kidney] Pillet J, et al. **Ann Chir** 1984 Nov;38(8):589-92 (Eng. Abstr.) **(Fre)**
[Value of coupled echography-urography in renal injuries in children. Apropos of 10 cases] Hamdouch M, et al. **Ann Radiol (Paris)** 1984 Nov;27(7):567-72 (Eng. Abstr.) **(Fre)**
[Closed injuries of the kidney. Apropos of 225 cases] Mazeman E, et al. **Chirurgie** 1984;110(5):517-26 (Eng. Abstr.) **(Fre)**
[Injury of the kidney and its pedicle] Sezeur A, et al. **Chirurgie** 1984;110(8-9):779-85 (Eng. Abstr.) **(Fre)**
[Possibilities for the use of sonography in kidney injuries] Kratzik C, et al. **Z Urol Nephrol** 1984 Oct;77(10):569-75 (Eng. Abstr.) **(Ger)**
[Two cases of congenital hydronephrosis discovered by renal trauma] Mochizuki A, et al. **Hinyokika Kiyo** 1985 Jan;31(1):135-40 (Eng. Abstr.) **(Jpn)**
[An analysis of 103 patients with renal injuries] Suzuki T, et al. **Hinyokika Kiyo** 1985 Feb;31(2):223-9 (Eng. Abstr.) **(Jpn)**
[Surgical treatment of renal injury: study of 4 cases] Nakada T, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1379-87 (Eng. Abstr.) **(Jpn)**
[Case of post-traumatic renal artery thrombosis] Bienias B, et al. **Wiad Lek** 1984 May 1;37(9):709-12 (Eng. Abstr.) **(Pol)**
[Immediate and remote results of the treatment of closed injuries of the kidneys in children] Sitkovskiĭ NB, et al. **Klin Khir** 1985;(6):50-1 (Eng. Abstr.) **(Rus)**

INNERVATION

Plasma renin activity in rats with renal denervation and adrenoreceptor blockers. Tzaneva N, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):62-9
Further studies on renal nerve stimulation induced release of noradrenaline and dopamine from the canine kidney in situ. Bradley T, et al. **Acta Physiol Scand** 1984 Nov;122(3):369-79
Mechanisms of arterial hypertension: role of neural control of renal functions. Zanchetti A, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:151-60 (31 ref.)
The kidney in the pathogenesis of hypertension: the role of renal nerves. DiBona GF. **Am J Kidney Dis** 1985 Apr;5(4):A27-31
Renal nerves and sodium conservation in conscious rats [letter] Bencsáth P, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F616-9
Water and electrolyte transport in Henle's loop and distal tubule after renal sympathectomy in the rat. Bencsáth P, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F308-14
Influence of renal perfusion pressure on alpha- and beta-adrenergic stimulation of renin release. Blair ML, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E317-26
Splenic and renal sympathetic responses to stimulation of splenic receptors in cats. Calaresu FR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R856-65
Rat renal hemodynamics during venous compression: roles of nerves and prostaglandins. Corradi A, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F810-20
Afferent renal nerve stimulation excites supraoptic vasopressin neurons. Day TA, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R368-71
Renal nerve activity in conscious rats during volume expansion and depletion. DiBona GF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F15-23
Renal mechanoreceptors in nonhuman primates. Gilmore JP, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R202-7
Effect of renal denervation on the suppression of renin secretion by vasopressin in conscious dogs. Gregory LC, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F881-7
Properties of renobulbar afferent fibers in rats. Knuepfer MM, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R113-9
Calcium in neural control of renal circulation. Mejia G, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F739-45
Mechanisms of antinatriuresis during low-frequency renal nerve stimulation in anesthetized dogs. Osborn JL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R360-7
Interactions among renal nerves, prostaglandins, and renal arterial pressure in the regulation of renin release. Osborn JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F706-13
Influence of renal nerves on noradrenergic responses to changes in arterial pressure. Patel KP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R615-20
Angiotensin II in adrenergic-induced alterations in glomerular hemodynamics. Pelayo JC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F799-807
Activation of afferent renal nerves by intrarenal bradykinin in conscious rats. Smits JF, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1003-8
Effects of afferent renal nerve stimulation on renal hemodynamic and excretory functions. Stella A, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H576-83
The involvement of serotonin neurones in the inhibition of renal nerve activity during desynchronized sleep. Coote JH, et al. **Brain Res** 1985 Aug 12;340(2):277-84
Substance P in renal afferent perikarya identified by retrograde transport of fluorescent dye. Kuo DC, et al. **Brain Res** 1984 Dec 3;323(1):168-71
Splenic, renal, and cardiac nerves have unequal dependence upon tonic supraspinal inputs. Meckler RL, et al. **Brain Res** 1985 Jul 8;338(1):123-35
Imparied atrial receptor modulation or renal nerve activity in dogs with chronic volume overload. Zucker IH, et al. **Cardiovasc Res** 1985 Jul;19(7):411-8
Electron-microscopic study of innervation of smooth muscle cells surrounding collecting tubules of the fish kidney. Tsuneki K, et al. **Cell Tissue Res** 1984;238(2):307-12
Renal nerve stimulation causes alpha 1-adrenoceptor-mediated sodium retention but not alpha 2-adrenoceptor antagonism of vasopressin. Smyth DD, et al. **Circ Res** 1985 Aug;57(2):304-11
Interactions of vasopressin with the area postrema in arterial baroreflex function in conscious rabbits. Undesser KP, et al. **Circ Res** 1985 Mar;56(3):410-7
Potential role of met-enkephalin in short term regulation of blood pressure in anesthetized rabbits. Rhee HM, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):2063-7
Increased renal prostanoid synthesis after unclipping the one-kidney, one-clip hypertensive rat: effect of renal denervation. McGowan H, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):253-6
The effect of graded renal nerve stimulation on renal function in the anaesthetized rabbit. Hesse IF, et al. **Comp Biochem Physiol [A]** 1984;79(3):409-14
An anomalous vagorenal reflex pathway in the cat. Calaresu FR, et al. **Exp Neurol** 1985 Feb;87(2):278-90
Central effect of intravenous phenylephrine on baroreflex control of renal nerves. Imaizumi T, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):906-14
High sodium intake enhances renal nerve and antinatriuretic responses to stress in spontaneously hypertensive rats. Koepke JP, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):357-63
Role of the renal nerves in one-kidney, one clip hypertension in rats. Norman RA Jr, et al. **Hypertension** 1984 Sep-Oct;6(5):622-6
Respiratory modulation of sympathetic activity. Bainton CR, et al. **J Auton Nerv Syst** 1985 Jan;12(1):77-90
Renal norepinephrine overflow during graded renal nerve stimulation before and after beta-adrenoceptor blockade. Chen YH, et al. **J Auton Nerv Syst** 1984 Nov;11(3):285-95
An ultrastructural study of intrarenal catecholamine-containing elements. Knight DS. **J Auton Nerv Syst** 1984 Nov;11(3):257-67
Split medulla preparation in the cat: arterial chemoreceptor reflex and respiratory modulation of the renal sympathetic nerve activity. Kubin L, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):211-25
Comparison of the distributions of renal and splenic neurons in sympathetic ganglia. Meckler RL, et al. **J Auton Nerv Syst** 1984 Sep;11(2):189-200
The aortic nerve-sympathetic reflex in the rat. Numao Y, et al. **J Auton Nerv Syst** 1985 May;13(1):65-79
Systemic and regional haemodynamic effects of renal denervation in spontaneously hypertensive rats. Lee JY, et al. **J Hypertens** 1983 Dec;1(4):381-6
Localization of beta adrenoceptor subtypes in rat kidney by light microscopic autoradiography. Summers RJ, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):561-9
Specific increase in renal alpha 1-adrenergic receptors following unilateral renal denervation. Woodcock EA, et al. **J Recept Res** 1985;5(2-3):133-46
Effect of denervation on the afferent arteriole in the SHR. Gattone VH 2d, et al. **Jpn Heart J** 1984 Sep;25(5):745-53
Inhibitory effects of cerebellar cortical stimulation on sympathetic nerve activity in rabbits. Nisimaru N, et al. **Jpn J Physiol** 1984;34(3):539-51
The supersensitivity of vascular smooth muscle following surgical renal denervation in the dog. Ohgushi N, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):644-52
Functions of the renal nerves. Koepke JP, et al. **Physiologist** 1985 Feb;28(1):47-52
Head-up tilt in the nonhuman primate. Effects of renal denervation. Peterson TV, et al. **Renal Physiol** 1984;7(5):265-74
Blood pressure responses to stimulation of afferent fibres in the renal nerve of the rat. Simon OR **West Indian Med J** 1985 Mar;34(1):11-7

METABOLISM

Renal oxygen and lactate metabolism in hemorrhagic shock. An experimental study. Nelimarkka O. **Acta Chir Scand [Suppl]** 1984;518:1–44

Steroid induced changes of the renal kallikrein–kinin system in rats. Bönner G, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):131–40

Acquisition of urine, kidney and submandibular gland epidermal growth factor responsiveness to thyroxine administration in neonatal mice. Lakshmanan J, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):511–6

Different alterations of nuclear triiodothyronine receptor capacity in liver and kidney induced by starvation and triiodothyronine administration. Nakamura H, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):206–10

Insulin modulates the stimulation of renal 1,25–dihydroxyvitamin D3 production by parathyroid hormone. Wongsurawat N, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):243–8

Changes in thyroxine monodeiodination in rat liver, kidney and placenta during pregnancy. Yoshida K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):495–9

Transaminative metabolism of L–cysteine in guinea pig liver and kidney. Taniguchi M, et al. **Acta Med Okayama** 1984 Aug;38(4):375–80

Influence of electrolyte depletion and aldosterone on insulin induced changes in plasma concentration and renal excretion of sodium and potassium. Bak M, et al. **Acta Med Pol** 1984;25(1–4):31–44

Effects of insulin on plasma concentration and renal excretion of sodium and potassium. Szczepańska–Sadowska E, et al. **Acta Med Pol** 1984;25(1–4):17–30

Abnormal renal sodium excretion in the nephrotic syndrome after furosemide: relation to glomerular filtration rate. Danielsen H, et al. **Acta Med Scand** 1985;217(5):513–8

Proliferative and stimulatory effects of PGA2 on nucleic acids in the adrenal and kidney of squirrel, Funambulus pennanti. Rana SV, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):307–12

Auranofin treatment of rats: adaptation to intestinal adverse effects and observations on the cytosolic distribution of gold in the intestines, liver and kidneys. Glennås A. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):404–9

Humoral factors involved in the regulation of sodium–fluid balance in normal man. II. Effect of indomethacin on sodium concentration, renal prostaglandins, vasopressin and renin–angiotensin–aldosterone system. Somova L, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):29–33

Renal excretion of prostaglandin metabolites, arginine vasopressin, and sodium during endotoxin and endogenous pyrogen induced fever in the goat. Jónasson H, et al. **Acta Physiol Scand** 1984 Apr;120(4):529–36

Inhibition of transcellular NaCl reabsorption in dog kidneys during hypercalcemia. Sejersted OM, et al. **Acta Physiol Scand** 1984 Apr;120(4):543–9

Calcium effects on renal conservation of magnesium in cows. Halse K. **Acta Vet Scand** 1984;25(2):213–28

Role of c–AMP and NAD in the regulation of Na+–dependent phosphate transport across rat renal brush border membranes. Biber J, et al. **Adv Exp Med Biol** 1984;178:49–57

The assessment of renal calcium reabsorption. Bijvoet OL, et al. **Adv Exp Med Biol** 1984;178:111–26

Influence of temperature on phosphate uptake by renal brush border membrane vesicles. Brunette MG, et al. **Adv Exp Med Biol** 1984;178:29–32

Intracellular processes that affect renal phosphate transport. Dennis VW, et al. **Adv Exp Med Biol** 1984;178:21–4

Comparison of the effect of nucleotides on phosphate transport in renal brush border membrane vesicles and intact proximal tubules. Fine LG, et al. **Adv Exp Med Biol** 1984;178:69–72

Applications of nuclear magnetic resonance (NMR) in nephrology. Kokko J. **Adv Exp Med Biol** 1984;178:465–71

Cis–platin induced hypermagnesuria and hypercalciuria in rats. Mavichak V, et al. **Adv Exp Med Biol** 1984;178:127–32

Effect of calcitriol on serum 1,25 (OH) 2D3 levels and on renal phosphorous threshold in X–linked hypophosphatemic rickets. Mehls O, et al. **Adv Exp Med Biol** 1984;178:411–3

Altered renal prostaglandin production after sodium loading in hypertensive patients. Neri Serneri GG, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:203–8

Effect of diltiazem on renal clearance and serum concentration of digoxin in patients with cardiac disease. Elkayam U, et al. **Am J Cardiol** 1985 May 1;55(11):1393–5

Carrier–mediated concentrative urate transport in rat renal membrane vesicles. Abramson RG, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F574–84

Potassium excretion by the isolated perfused kidney from the potassium–adapted rat. Adam WR, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F602–6

Abnormalities in kallikrein excretion in spontaneously hypertensive rats. Ader JL, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F396–403

Renal hydroxybutyrate and acetoacetate reabsorption and utilization in the rat. Barac–Nieto M. **Am J Physiol** 1985 Jul;249(1 Pt 2):F40–8

Renal and extra–renal excretion of calcium in the marine teleost, Gadus morhua. Björnsson BT, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R18–22

Amino acids induce renal vasodilatation in isolated perfused kidney: coupling to oxidative metabolism. Brezis M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H999–1004

Effect of aluminum on the renal handling of phosphate in the rat. Burnatowska–Hledin M, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F64–9

Renal handling of aluminum in the rat: clearance and micropuncture studies. Burnatowska–Hledin MA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F192–7

Renal hydrolysis of absorbed protein: influence of load and lysosomal pH. Camargo MJ, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F656–64

Adaptation of phosphate transport in phosphate–deprived LLC–PK1 cells. Caverzasio J, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F122–7

Net release or uptake of histidine and carnosine in kidney of dogs. Cianciaruso B, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E51–7

Lead flux through the kidney and salivary glands of rats. Craan AG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F773–83

Renal alpha–adrenoceptors and sodium excretion in the dog. Fildes RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F128–33

Ammonia transport in the mammalian kidney. Good DW, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F459–71 (84 ref.)

Maleate–induced stimulation of glutamine metabolism in the intact dog kidney. Gougoux A, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F585–93

Regulation of the maximum rate of renal ammoniagenesis in the acidotic dog. Halperin ML, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F607–15

Effects of aldosterone on potassium recycling in the kidney of adrenalectomized rats. Higashihara E, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F219–27

Effects of dietary potassium depletion and mineralocorticoid excess on renal Cl–conservation in the dog. Hulter HN, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F104–12

Adenosine stimulates sodium transport in kidney A6 epithelia in culture. Lang MA, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C330–6

alpha 1–Receptor localization in rat heart and kidney using autoradiography. Muntz KH, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H512–9

pH gradient–dependent increased Na+–H+ antiport capacity of the rabbit remnant kidney. Nord EP, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F90–4

Vasoactive intestinal peptide in the regulation of renin secretion. Porter JP, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F84–9

Response of renal NH3 production to chronic respiratory acidosis. Rodriguez–Nichols F, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F896–903

Effect of 6–aminonicotinamide on renin release in isolated rat kidney: possible role for the pentose pathway. Rostand SG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F213–9

Na+ gradient–dependent glycine uptake in basolateral membrane vesicles from the dog kidney. Schwab SJ, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F338–45

Uptake of Pi in basolateral vesicles after release of unilateral ureteral obstruction. Schwab SJ, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F543–7

Cl– transport via anion exchange in Necturus renal microvillus membranes. Seifter JL, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F888–95

Modification of renin isoelectric heterogeneity in Goldblatt hypertensive rat. Sessler FM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E694–4

Effects of alpha–agonist on renin and prostaglandin E2 release in anesthetized dogs. Takahashi K, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E604–8

High–affinity calcium binding sites in luminal and basolateral renal membranes. Talor Z, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F472–81

Adaptive changes in renal acidification in response to chronic respiratory acidosis. Tannen RL, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F492–9

Response of ammoniagenesis to acute alkalosis. Tannen RL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F827–36

Renal handling and production of plasma and urinary adenosine. Thompson CI, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F545–51

Effect of 1,25–dihydroxyvitamin D3 on phospholipid composition of rat renal brush border membrane. Tsutsumi M, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F117–23

Developmental changes in the phosphaturic response to parathyroid hormone in the rat. Webster SK, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F251–5

Mechanism of renal excretion of creatinine by the pony. Finco DR, et al. **Am J Vet Res** 1985 Aug;46(8):1625–8

Filamentous actin bundles in the kidney. Andrews PM, et al. **Anat Rec** 1984 Sep;210(1):1–9

Sex differences in circadian rhythms of several variables in lymphoreticular organs, liver, kidney, and corneal epithelium in adult CD2F1 mice. Tsai TH, et al. **Anat Rec** 1985 Mar;211(3):263–70

Cyclosporine and renal prostaglandin E2 production [letter] Stahl RA, et al. **Ann Intern Med** 1985 Sep;103(3):474

Postnatal development of the sterol and nonsterol mevalonate metabolism in chick liver and kidneys. Effect of cholesterol feeding. Aguilera JA, et al. **Ann Nutr Metab** 1984;28(6):342–9

Biotinidase deficiency associated with renal loss of biocytin and biotin. Baumgartner ER, et al. **Ann NY Acad Sci** 1985;447:272–87

Ornithine decarboxylase mRNA in mouse kidney: a low abundancy gene product regulated by androgens with rapid kinetics. Jänne OA, et al. **Ann NY Acad Sci** 1984;438:72–84

Transport of metabolic substrates in renal mitochondria. Schoolwerth AC, et al. **Annu Rev Physiol** 1985;47:143–71 (175 ref.)

Transport of carboxylic acids by renal membrane vesicles. Wright EM. **Annu Rev Physiol** 1985;47:127–41 (54 ref.)

Relationship between rat renal accumulation of gentamicin, tobramycin, and netilmicin and their nephrotoxicities. Brier ME, et al. **Antimicrob Agents Chemother** 1985 May;27(5):812–6

Renal disposition of ceftazidime illustrated by interferences by probenecid, furosemide, and indomethacin in rabbits. Carbon C, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):373–7

Effects of urinary pH on renal interactions between probenecid and cefsulodin in rabbits. Dromer F, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):660–2

Regulation of arachidonic acid metabolism in Madin–Darby canine kidney cells: stimulation of synthesis of the cyclooxygenase system by 12–O–tetradecanoyl–phorbol–13–acetate. Beaudry GA, et al. **Arch Biochem Biophys** 1985 May 15;239(1):242–7

Amino acid transport in kidney epithelial cell line (MDCK): characteristics of Na+/amino acid symport in membrane vesicles and basolateral localization in cell monolayers. Lever JE, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):330–40

Phosphate uptake by kidney epithelial (LLC–PK1) cells. Noronha–Blob L, et al. **Arch Biochem Biophys** 1984 Oct;234(1):265–74

Sodium gradient–stimulated transport of L–carnitine into renal brush border membrane vesicles: kinetics, specificity, and regulation by dietary carnitine. Rebouche CJ, et al. **Arch Biochem Biophys** 1984 Dec;235(2):393–402

Renal sodium handling in minimal change nephrotic syndrome. Bohlin AB, et al. **Arch Dis Child** 1984 Sep;59(9):825–30

Biochemical responsiveness of a bovine kidney cell line to inorganic mercury. Bracken WM, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):509–15

2–Chloro–[3H]–adenosine binding in isolated rat kidney membranes. Wu PH, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):83–7

Activation of cytosol aldosterone receptors in rat kidney. Hacha R, et al. **Arch Int Physiol Biochim** 1985 May;93(1):49–58

Oxidation–reduction maintenance in organ preservation. Jellinek M, et al. **Arch Surg** 1985 Apr;120(4):439–42

Gut–liver interaction during accelerated gluconeogenesis. Souba WW, et al. **Arch Surg** 1985 Jan;120(1):66–70

Renal and hepatic glutathione concentrations in rats after treatment with hexachloro–1,3–butadiene and citrinin. Baggett JM, et al. **Arch Toxicol** 1984 Nov;56(1):46–9

The effects of dietary selenium on cadmium binding in rat kidney and liver. Jamall IS, et al. **Arch Toxicol** 1985 Feb;56(4):252–5

Sex differences in the cellular defence system against free radicals from oxygen or drug metabolites in rat. Julicher RH, et al. **Arch Toxicol** 1984 Dec;56(2):83–6

Histochemical changes in protein disulphide bonds in rat liver and kidney after chronic cadmium administration, and the possible relation to metallothionein. Morselt AF, et al. **Arch Toxicol** 1984 Sep;55(3):155–60

Formation, toxicity and inactivation of acrolein during biotransformation of cyclophosphamide as studied in freshly isolated cells from rat liver and kidney. Ohno Y, et al. **Arch Toxicol** 1985 Jun;57(2):99–103

The influence of administered mass on the subcellular distribution and binding of mercury in rat liver and kidney. Planas–Bohne F, et al. **Arch Toxicol** 1985 Feb;56(4):242–6

Renal handling of cadmium: a study by tubular microinjections. Bosco E, et al. **Arch Toxicol [Suppl]** 1984;7:371–3

Increased microsomal metabolism of n–hexane in rat kidney and liver after inhalation of isopropanol. Zahlsen K, et al. **Arch Toxicol [Suppl]** 1984;7:268–71

Hydroxycotinine metabolism in rabbit liver, lung and kidney tissue homogenates. Rashid Mahmud A, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):17–23

In vitro deacetylation studies of acetamidophenolic compounds in rat brain, liver and kidney. Baumann J, et al. **Arzneimittelforsch** 1984;34(10):1278–82

Na+/H+ exchanger activity in the pig kidney epithelial cell line, LLC–PK1: inhibition by amiloride and its derivatives. Haggerty JG, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):759–67

Oxaloacetate permeation in rat kidney mitochondria: pyruvate/oxaloacetate and malate/oxaloacetate translocators. Passarella S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):1–10

Bradykinin–evoked modulation of cytosolic Ca2+ concentrations in cultured renal epithelial (MDCK) cells. Pidikiti N, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):807–13

Existence of atrial natriuretic polypeptide in kidney. Sakamoto M, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1281–7

Sulfhydryl groups of aldosterone receptors from swine kidney. Tashima Y, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):51-6

Specific increase in thymidine transport at a permissive temperature in the rat kidney cells infected with srcts-Rous sarcoma virus. Uehara Y, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):129-34

Affinity of 18,19-dihydroxydeoxycorticosterone and 18-hydroxy-19-nor-deoxycorticosterone to aldosterone receptor and their mineralocorticoid activity. Okamoto M, et al. **Biochem Int** 1983 Dec;7(6):687-94

H+-gradient-dependent active transport of tetraethylammonium cation in apical-membrane vesicles isolated from kidney epithelial cell line LLC-PK1. Inui K, et al. **Biochem J** 1985 Apr 1;227(1):199-203

Renal transport of monocarboxylic acids. Heterogeneity of lactate-transport systems along the proximal tubule. Jørgensen KE, et al. **Biochem J** 1984 Nov 1;223(3):803-7

Effects of experimental nephrosis on basement-membrane components and enzymes of collagen biosynthesis in rat kidney. Jukkola A, et al. **Biochem J** 1985 Feb 15;226(1):243-50

Metabolism of glycine- and hydroxyproline-containing peptides by the isolated perfused rat kidney. Lowry M, et al. **Biochem J** 1985 Jul 15;229(2):545-9

Metabolism of valine and 3-methyl-2-oxobutanoate by the isolated perfused rat kidney. Miller RH, et al. **Biochem J** 1984 Nov 15;224(1):109-16

Effect of arginine modification on kidney brush-border-membrane transport activity. Strevey J, et al. **Biochem J** 1984 Nov 1;223(3):793-802

Formation of n.m.r.-invisible ADP during renal ischaemia in rats. Stubbs M, et al. **Biochem J** 1984 Nov 15;224(1):241-6

Induction of metallothionein mRNA in rat liver and kidney after copper chloride injection. Wake SA, et al. **Biochem J** 1985 Jun 1;228(2):425-32

The renal fractional clearance of platinum antitumour compounds in relation to nephrotoxicity. Daley-Yates PT, et al. **Biochem Pharmacol** 1985 May 1;34(9):1423-8

Age-dependent changes in the synthesis and catabolism of 6 oxo PGE1 and other prostanoids by the rat kidney in vitro. Griffiths RJ, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):223-8

In vitro metabolism of diethylstilbestrol by hepatic, renal and uterine microsomes of rats and hamsters. Effects of different inducers. Haaf H, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3107-15

Effects of 1,2-dibromoethane on glutathione metabolism in rat liver and kidney. Mann AM, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2827-30

1-Naphthol conjugation in isolated cells from liver, jejunum, ileum, colon and kidney of the guinea pig. Schwenk M, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):697-701

Identification of 24,25,26,27-tetranor-23-hydroxyvitamin D3 as a product of the renal metabolism of 24,25-dihydroxyvitamin D3. Jones G, et al. **Biochemistry** 1984 Jul 31;23(16):3749-54

Formation of phosphatidylethanol in frozen kidneys from ethanol-treated rats. Benthin G, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):385-9

Cephaloridine-induced lipid peroxidation initiated by reactive oxygen species as a possible mechanism of cephaloridine nephrotoxicity. Cojocel C, et al. **Biochim Biophys Acta** 1985 May 17;834(3):402-10

Dietary modification of fatty acid and prostaglandin synthesis in the rat. Effect of variations in the level of dietary fat. Croft KD, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):196-207

Biosynthesis of 4D-hydroxysphinganine by the rat. En bloc incorporation of the sphinganine carbon backbone. Crossman MW, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):411-6

Uptake and metabolism of glutamine in cultured kidney cells. Dass PD, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):94-100

Regulation of diamine oxidase expression by beta 2-adrenoceptors in normal and hypertrophic rat kidney. Desiderio MA, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):463-8

Mechanism of stimulation of renal phosphate transport by 1,25-dihydroxycholecalciferol. Kurnik BR, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):42-50

Structural state of the Na+/D-glucose cotransporter in calf kidney brush-border membranes. Target size analysis of Na+-dependent phlorizin binding and Na+-dependent D-glucose transport. Lin JT, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):201-8

Regulation of 24,25-dihydroxyvitamin D-3 production by 1,25-dihydroxyvitamin D-3 and synthetic human parathyroid hormone fragment 1-34 in a cloned monkey kidney cell line (JTC-12). Matsumoto T, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):358-65

Thyroid hormone. Aldosterone antagonism in cultured epithelial cells. Pratt RD, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):405-11

Alloxan stimulates p-aminohippurate uptake in renal basal-lateral membranous vesicles. Tse SS, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):333-40

Some aspects of renal energy and lipid metabolism in newborn rats. Hohenegger M, et al. **Biol Neonate** 1984;46(4):177-85

Relationship between total body clearance of caffeine and urine flow rate in elderly men. Trang JM, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):51-6

Renal excretion of intravenously infused amoxycillin and ampicillin. Sjövall J, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):191-201

Autoradiographic localization of beta-adrenoceptor subtypes in guinea-pig kidney. Lew R, et al. **Br J Pharmacol** 1985 Jun;85(2):341-8

[3H]-rauwolscine binding to alpha 2-adrenoceptors in the mammalian kidney: apparent receptor heterogeneity between species. Neylon CB, et al. **Br J Pharmacol** 1985 Jun;85(2):349-59

Single sample estimates of renal clearances. Constable AR, et al. **Br J Urol** 1985 Aug;57(4):483

Dihydrocodeine in renal failure: further evidence for an important role of the kidney in the handling of opioid drugs. Barnes JN, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):740-2

Effect of the benzene fraction of petroleum on protein content in rat liver and kidney. Bong M, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):45-54

Studies on the role of taurine in Friedreich's ataxia. Lemieux B, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):610-5

Renal brush border membranes from mice with X-linked hypophosphatemia: protein composition, phosphate binding capacity, and protein kinase activity. Brunette MG, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1394-400

Vanadium exposure enhances lipid peroxidation in the kidney of rats and mice. Donaldson J, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):196-9

Renal metabolism and ammoniagenesis during acute respiratory alkalosis in the dog. Gougoux A, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1129-35

The effect of cisplatin on renal ATPase activity in vivo and in vitro. Uozumi J, et al. **Cancer Chemother Pharmacol** 1985;15(2):93-6

Binding of chromium to chromatin and DNA from liver and kidney of rats treated with sodium dichromate and chromium(III) chloride in vivo. Cupo DY, et al. **Cancer Res** 1985 Mar;45(3):1146-51

Chromatin degradation in isolated nuclei of normal and transformed baby hamster kidney cells. Dijkwel PA, et al. **Cancer Res** 1985 May;45(5):2046-9

Estrogen 2- and 4-hydroxylase activity, catechol estrogen formation, and implications for estrogen carcinogenesis in the hamster kidney. Li SA, et al. **Cancer Res** 1985 Jan;45(1):181-5

Target organ-specific covalent DNA damage preceding diethylstilbestrol-induced carcinogenesis. Liehr JG, et al. **Carcinogenesis** 1985 Jul;6(7):1067-9

A catabolin-like factor from porcine kidney. Monserrat AJ, et al. **Cell Biochem Funct** 1985 Jan;3(1):45-52

In vitro interaction of 63-nickel(II) with chromatin and DNA from rat kidney and liver nuclei. Ciccarelli RB, et al. **Chem Biol Interact** 1985 Jan;52(3):347-60

Familial hypocalciuric hypercalcaemia I: Renal handling of calcium, magnesium and phosphate. Kristiansen JH, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):103-16

Idiopathic de Toni-Debre-Fanconi syndrome with absence of proximal tubular brush border. Manz F, et al. **Clin Nephrol** 1984 Sep;22(3):149-57

Primary systemic carnitine deficiency under successful therapy: clinical, biochemical, ultrahistochemical and renal clearance studies. von Petrykowski W, et al. **Clin Neuropathol** 1985 Mar-Apr;4(2):63-71

Pharmacokinetics of ceftriaxone in subjects with renal insufficiency. Kowalsky SF, et al. **Clin Pharm** 1985 Mar-Apr;4(2):177-81

Effect of acute changes in serum digoxin concentration on renal digoxin clearance. Gibson TP, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):478-84

Effect of the contrast medium meglumine amidotrizoate on renal extraction of para-amino hippurate after injection into the renal vein. Tidgren B. **Clin Physiol** 1985 Jun;5(3):301-10

Selective inhibition of renal thromboxane biosynthesis increased sodium excretion rate in normal and saline-loaded rats. Papanicolaou N, et al. **Clin Sci** 1985 Jan;68(1):79-82

A comparison of cobalamin binding by liver and kidney in rat and man. Scott JS, et al. **Clin Sci** 1985 Mar;68(3):357-64

Nonenzymatic glycosylation of basement membrane collagen in diabetes mellitus. Trueb B, et al. **Coll Relat Res** 1984 Aug;4(4):239-51

Use of bovine parathyroid hormone, labelled specifically in the N-terminal region by [3H]methyl exchange, to compare hepatic and renal metabolism of this hormone in the rat. Barling PM, et al. **Comp Biochem Physiol [B]** 1984;79(3):435-40

Stimulation of glutathione degradation by amino acids: lack of stereospecificity. Robins RJ, et al. **Comp Biochem Physiol [B]** 1985;80(4):831-7

Subcellular distribution of heavy metals in liver and kidney of a narwhal whale (Monodon monoceros): an evaluation for the presence of metallothionein. Wagemann R, et al. **Comp Biochem Physiol [C]** 1984;78(2):301-7

Kidney, small proteins and drugs. 3rd International Symposium of Nephrology. Montecatini Terme, May 3-5, 1983. **Contrib Nephrol** 1984;42:1-261

Is the noninvasive measurement of renal handling of small proteins in man possible? Preliminary results with a new method using Tc99m-aprotinin. Bianchi C, et al. **Contrib Nephrol** 1984;42:70-3

Kinetics of renal catabolism of absorbed proteins: influence of lysosomal pH. Camargo MJ, et al. **Contrib Nephrol** 1984;42:19-29

Effects of aminoglycoside treatment on renal protein reabsorption and accumulation. Cojocel C, et al. **Contrib Nephrol** 1984;42:196-201

Renal handling of insulin in man. Ferrannini E, et al. **Contrib Nephrol** 1984;42:49-53

Renal pharmacology of aminoglycoside antibiotics. Kaloyanides GJ. **Contrib Nephrol** 1984;42:148-67 (69 ref.)

Peritubular uptake of 125I-insulin in the avian kidney. Milton A, et al. **Contrib Nephrol** 1984;42:54-9

Renal handling of interferons. Pacini A, et al. **Contrib Nephrol** 1984;42:60-9

Renal handling of glucagon and insulin. Peterson DR, et al. **Contrib Nephrol** 1984;42:30-7

Peritubular uptake and processing of insulin. Rabkin R, et al. **Contrib Nephrol** 1984;42:38-48 (23 ref.)

The renal contribution to amino acid metabolism in acute renal failure. Fath JJ, et al. **Curr Surg** 1984 Nov-Dec;41(6):458-61

Effect of diabetes on triiodothyronine and reverse triiodothyronine production in the perfused rat liver and kidney. Ikeda T, et al. **Diabetes** 1985 Jul;34(7):647-52

Low plasma renin activity in diabetes. Relation to urine prostaglandin excretion. Wilson TW, et al. **Diabetes** 1985 Feb;34(2):145-50

Estimation of renal creatinine clearance in patients with unstable serum creatinine concentrations: comparison of multiple methods. Chow MS, et al. **Drug Intell Clin Pharm** 1985 May;19(5):385-90

Influence of protein binding and metabolic interconversion on the disposition of sulfisoxazole and its N4-acetyl metabolite by the isolated perfused rat kidney. Bekersky I, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):607-13

Age-related changes in glucuronidation and deglucuronidation in liver, small intestine, lung, and kidney of male Fischer rats. Borghoff SJ, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):62-7

Target cells for the polychlorinated biphenyl metabolite 4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl in lung and kidney. Brandt I, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):490-6

Metabolism of 7,12-dimethylbenz(a)anthracene and its DNA adduct formation in human fetal kidney and intestinal cells in culture. Oravec CT, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):76-80

Mechanism controlling the renal excretion of xenobiotics in fish: effects of chemical structure. Pritchard JB, et al. **Drug Metab Rev** 1984;15(4):655-71 (35 ref.)

Effect of renal function and dialysis on temocillin pharmacokinetics. Boelaert J, et al. **Drugs** 1985;29 Suppl 5:109-13

Renal clearance of temocillin in volunteers. Overbosch D, et al. **Drugs** 1985;29 Suppl 5:128-34

Effects of diuretics on the renal handling of magnesium. Ryan MP, et al. **Drugs** 1984 Oct;28 Suppl 1:167-81 (58 ref.)

[3H]ethylpropylamiloride, a radio-labelled diuretic for the analysis of the Na+/H+ exchange system. Its use with kidney cell membranes. Vigne P, et al. **EMBO J** 1984 Nov;3(11):2647-51

Effect of calcium ion on triiodothyronine binding to kidney outer mitochondrial membrane in vitro. Hashizume K, et al. **Endocrinol Jpn** 1984 Jun;31(3):311-20

The effects of postural changes on ADH release and the renal handling of sodium and water in patient with idiopathic edema. Ota K, et al. **Endocrinol Jpn** 1984 Aug;31(4):459-69

Receptor binding and biological activity of 18-oxocortisol. Gomez-Sanchez CE, et al. **Endocrinology** 1985 Jan;116(1):6-10

Activation of renal 1,25-dihydroxyvitamin D3 synthesis by phosphate deprivation: evidence for a role for growth hormone. Gray RW, et al. **Endocrinology** 1985 Jan;116(1):189-93

A corticosterone metabolite produced by A6 (toad kidney) cells in culture: identification and effects on Na+ transport. Grogan WM, et al. **Endocrinology** 1985 Mar;116(3):1189-94

Parathyroid hormone modulation of 25-hydroxyvitamin D3 metabolism by cultured chick kidney cells is mimicked and enhanced by forskolin. Henry HL. **Endocrinology** 1985 Feb;116(2):503-10

Estradiol stimulates rat renopapillary prostaglandin E2 (PGE2), but not PGF2 alpha biosynthesis. Katayama S, et al. **Endocrinology** 1985 Aug;117(2):656-61

Effect of a nonsteroidal antiandrogen, flutamide, on androgen receptor dynamics and ornithine decarboxylase gene expression in mouse kidney. Kontula KK, et al. **Endocrinology** 1985 Jan;116(1):226-33

Metabolic changes induced by organophosphates in the piscine organs. Awasthi M, et al. **Environ Res** 1984 Oct;35(1):320-5

Kinetics of renal aspartate reabsorption and its inhibition by metals in the intact rat kidney. Linder G, et al. **Environ Res** 1985 Feb;36(1):241-7

Biochemical change in the liver and kidney of rats following parathyroidectomy. Bogin E, et al. **Enzyme** 1985;33(2):94-100

Role of plasma albumin in renal elimination of a mercapturic acid. Analyses in normal and mutant analbuminemic rats. Okajima K, et al. **Eur J Biochem** 1985 Jul 1;150(1):195-9 cis-Diamminedichloroplatinum-induced hypomagnesemia and renal magnesium wasting. Bell DR, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):287-90

The cellular distribution of transported amino acids in monolayers of MDCK renal epithelial cells. Pearson JD, et al. **Eur J Cell Biol** 1985 Jan;36(1):128-32

Concentrative transport of purine nucleosides in brush border vesicles of the rat kidney. Le Hir M, et al. **Eur J Clin Invest** 1985 Jun;15(3):121-7

Plasma oxalate concentration and oxalate distribution volume in patients with normal and decreased renal function. Prenen JA, et al. **Eur J Clin Invest** 1985 Feb;15(1):45-9

Renal clearance of imipenem in children. Jacobs RF, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):471-4

Cimetidine bioavailability and variable renal clearance [letter] Grahnén A. **Eur J Clin Pharmacol** 1984;27(5):623-4

Decreased renal clearance of digoxin in chronic congestive heart failure. Naafs MA, et al. **Eur J Clin Pharmacol** 1985;28(3):249-52

Comparison of renal excretion of pethidine (meperidine) and its metabolites in old and young patients. Odar-Cederlöf I, et al. **Eur J Clin Pharmacol** 1985;28(2):171-5

Renal uric acid handling is not affected by beta-adrenoceptor blockade in normotensive subjects. Pedersen OL, et al. **Eur J Clin Pharmacol** 1985;28(2):223-4

Ru-labeled ruthenocenoyl-glycine: comparison of clearance with hippuran. Wenzel M, et al. **Eur J Nucl Med** 1985;10(3-4):138-42

Differences in kidney renin content between normotensive and spontaneously hypertensive rats: effect of captopril treatment. Antonaccio MJ, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):157-9

Peripheral-type benzodiazepine binding sites in a renal epithelial cell line (MDCK). Beaumont K, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):185-8

Vasopressin metabolite peptide (AVP-(4-9)) binding sites in rat kidney: distribution distinct from vasopressin binding sites. Brinton RE, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):321-2

In vivo and in vitro studies on the release of cortisol from interrenal tissue in trout. I. Effects of ACTH and prostaglandins. Gupta OP, et al. **Exp Biol** 1985;43(3):201-12

Identification of the D-glucose binding polypeptide of the renal Na+-D-glucose cotransporter with a covalently binding D-glucose analog. Neeb M, et al. **FEBS Lett** 1985 Mar 11;182(1):139-44

Cadmium intake and cadmium in the human kidney. Morgan H, et al. **Food Addit Contam** 1984 Jan-Mar;1(1):45-51

Increase in DNA polymerase alpha in nuclei of chicken kidney cells after avian adenovirus infection. Matsukage A, et al. **Gann** 1985 Jun;76(6):496-501

Role of eicosanoids in the control of renal function in severe hepatic disease. Dunn MJ. **Gastroenterology** 1984 Dec;87(6):1392-5

Localization of prolactin uptake by the kidney of the teleostean, Colisa lalia. Gona O. **Gen Comp Endocrinol** 1984 Aug;55(2):289-94

Splanchnic and renal elimination and release of catecholamines in cirrhosis. Evidence of enhanced sympathetic nervous activity in patients with decompensated cirrhosis. Henriksen JH, et al. **Gut** 1984 Oct;25(10):1034-43

Prostanoid activation of erythropoiesis. Fisher JW, et al. **Haematologia (Budap)** 1984;17(2):137-49

Renin immunohistochemistry in the mesonephros and metanephros of the pig embryo. Egerer G, et al. **Histochemistry** 1984;81(4):385-90

Cationic dyes reveal proteoglycans on the surface of epithelial and endothelial kidney cells. Reale E, et al. **Histochemistry** 1985;82(6):513-8

Renal ammoniagenesis in rats made acutely acidotic by swimming. Hortelano P, et al. **Horm Metab Res** 1984 Jul;16(7):370-3

Receptor binding of 6 alpha-methylprogesterone in mouse kidney. Houben PW, et al. **Horm Res** 1985;21(4):261-9

Chronic angiotensin II infusion decreases renal norepinephrine overflow in conscious dogs. Carroll RG, et al. **Hypertension** 1984 Sep-Oct;6(5):675-81

Rat atrial natriuretic peptides inhibit oxygen consumption by rat kidney. Kohashi N, et al. **Hypertension** 1985 Jul-Aug;7(4):491-8

Renal arachidonic acid metabolism. The third pathway. Schwartzman M, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):1136-44 (45 ref.)

Urinary excretion of renin and its biochemical properties in dogs. Yukimura T, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):837-42

Effect of time intervals of selenium administration after injection of mercuric chloride on toxicity and renal concentration of mercury in mice. Naganuma A, et al. **Ind Health** 1984;22(2):91-6

Biochemical changes in cellular constituents and some enzymes in host-tissues from Plasmodium knowlesi infected rhesus monkey (Macaca mulatta). Srivastava R, et al. **Indian J Malariol** 1984 Dec;21(2):89-97

Level of serum and renal histamine and diamine oxidase activity in lead acetate treated rats. Ganguly AK, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):71-2

Update on erythropoietin. Fried W, et al. **Int J Artif Organs** 1985 Mar;8(2):79-82 (40 ref.)

Comparative study on renal accumulation of aminoglycoside antibiotics. Fujita K, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):47-51

The localization of antibiotics by continuous sucrose gradient density. Fujita K, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):288-90

Reversibility of antibiotic incorporation in large organelles of kidney cell. Fujita K, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):291-4

Sex-dependent organ distribution of radiopharmaceuticals: effect of hormones on localization of acetyl-103Ru-ruthenocene. Shani J, et al. **Int J Nucl Med Biol** 1985;12(1):13-9

Renal water handling in minimal change nephrotic syndrome. Bohlin AB, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):93-8

Changes in renal uptake of Tc-99m methylene diphosphonate (MDP) in stone-forming rats. McAfee JG, et al. **Invest Radiol** 1984 Nov-Dec;19(6):543-8

Gentamicin-digoxin interaction in the rat kidney. Sirota L, et al. **Isr J Med Sci** 1985 Jun;21(6):535-6

Therapeutic potential of high renal levels of aminoglycosides in pyelonephritis. Bergeron MG. **J Antimicrob Chemother** 1985 Jan;15(1):4-8 (36 ref.)

Non-linear accumulation of gentamicin in guinea-pig kidney. Trnovec T, et al. **J Antimicrob Chemother** 1984 Nov;14(5):543-8

Renal handling of 'filterable' plasma metals and organic substances in man. Yokoyama K, et al. **J Appl Toxicol** 1985 Apr;5(2):94-6

Evaluation of the effects of SKF 82526 and LY 171555 on presynaptic (DA2) and postsynaptic (DA1) dopamine receptors in rat kidney. Lokhandwala MF, et al. **J Auton Pharmacol** 1984 Dec;4(4):273-7

An approach to NMR studies of the metabolism of internal organs using surface coils. London RE, et al. **J Biochem Biophys Methods** 1985 May;11(1):21-9

Comparison of protein sulfation in control and virus-transformed baby hamster kidney cells. Fukui S, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1783-8

A study on renin binding protein (RnBP) in the human kidney. Takahashi S, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):671-7

Oxidations in kidney mitochondria of heat-exposed rats: regulation by cytochrome c. Puranam RS, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):421-31

Extracellular metabolism of glutathione accounts for its disappearance from the basolateral circulation of the kidney. Abbott WA, et al. **J Biol Chem** 1984 Dec 25;259(24):15393-400

An evolutionary switch in tissue-specific gene expression. Abundant expression of alpha 1-antitrypsin in the kidney of a wild mouse species. Berger FG, et al. **J Biol Chem** 1985 Jan 25;260(2):1160-5

gamma-Glutamyl amino acids. Transport and conversion to 5-oxoproline in the kidney. Bridges RJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7304-8

Altered secretion and accumulation of kidney glycosphingolipids by mouse pigmentation mutants with lysosomal dysfunctions. Gross SK, et al. **J Biol Chem** 1985 Apr 25;260(8):5033-9

Binding of insulin-like growth Factor ii and multiplication-stimulating activity-stimulated phosphorylation in basolateral membranes from dog kidney. Hammerman MR, et al. **J Biol Chem** 1984 Nov 10;259(21):13511-7

A variant form of the 1,25-dihydroxyvitamin D3 receptor with low apparent hormone affinity in cultured monkey kidney cells (LLC-MK2). A model for tissue resistance to vitamin D. Kelly MA, et al. **J Biol Chem** 1985 Feb 10;260(3):1545-9

Multiple forms of vitamin D-dependent calcium-binding protein in rat kidney. Kendrick NC, et al. **J Biol Chem** 1984 Oct 25;259(20):12691-5

Na+-H+ exchange in isolated renal brush-border membrane vesicles in response to metabolic acidosis. Kinetic effects. Kinsella J, et al. **J Biol Chem** 1984 Nov 10;259(21):13224-7

Renal glutathione transport. Characteristics of the sodium-dependent system in the basal-lateral membrane. Lash LH, et al. **J Biol Chem** 1984 Dec 10;259(23):14508-14

Ammonia production and amino acid metabolism by rat renal papillary epithelial cells in culture. Margolis BL, et al. **J Biol Chem** 1985 Jan 10;260(1):501-7

Sodium-dependent transport of inorganic sulfate by rabbit renal brush-border membrane vesicles. Effects of other ions. Schneider EG, et al. **J Biol Chem** 1984 Dec 10;259(23):14591-9

Atrial natriuretic factor selectively activates particulate guanylate cyclase and elevates cyclic GMP in rat tissues. Waldman SA, et al. **J Biol Chem** 1984 Dec 10;259(23):14332-4

Epoxidation of prostacyclin in the rabbit kidney. Wong PY, et al. **J Biol Chem** 1985 Aug 5;260(16):9150-3

Enzymatic basis for the structural changes of asparagine-linked sugar chains of membrane glycoproteins of baby hamster kidney cells induced by polyoma transformation. Yamashita K, et al. **J Biol Chem** 1985 Apr 10;260(7):3963-9

Cerebral and renal alpha-adrenoceptors in Sabra hypertensive (SBH) and normotensive (SBN) rats: effects of high-sodium diet. Diop L, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S742-7

Cellular origin of fibronectin in interspecies hybrid kidneys. Sariola H, et al. **J Cell Biol** 1984 Dec;99(6):2099-107

Hormonal regulation of the System A amino acid transport adaptive response mechanism in a kidney epithelial cell line (MDCK). Boerner P, et al. **J Cell Physiol** 1985 Feb;122(2):316-22

Adaptive regulatory control of System A transport activity in a kidney epithelial cell line (MDCK) and in a transformed variant (MDCK-T1). Boerner P, et al. **J Cell Physiol** 1985 Feb;122(2).308-15

Entry of diphtheria toxin linked to concanavalin A into primate and murine cells. Guillemot JC, et al. **J Cell Physiol** 1985 Feb;122(2):193-9

Transport by the (Na+,K+) ATPase: modulation by differentiation inducers and inhibition of protein synthesis in the MDCK kidney epithelial cell line. Kennedy BG, et al. **J Cell Physiol** 1985 Jun;123(3):410-6

Regulation of Na+,K+-ATPase activity in MDCK kidney epithelial cell cultures: role of growth state, cyclic AMP, and chemical inducers of dome formation and differentiation. Kennedy BG, et al. **J Cell Physiol** 1984 Oct;121(1):51-63

Cationic amino acid transport by two renal epithelial cell lines: LLC-PK1 and MDCK cells. Sepúlveda FV, et al. **J Cell Physiol** 1985 Apr;123(1):144-50

Renal and hepatic extraction of carboxyl-terminal immunoreactive parathyrin in normal man. Fogh-Andersen N, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):479-82

Urinary molecular forms of human N-terminal of proopiomelanocortin: possible deglycosylation and degradation by the kidney. Gaspar L, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):614-21

Role of the kidneys in the metabolism of plasma mevalonate. Studies in humans and in rhesus monkeys. McNamara DJ, et al. **J Clin Invest** 1985 Jul;76(1):31-9

Effects of adrenalectomy and chronic adrenal corticosteroid replacement on potassium transport in rat kidney. Stanton B, et al. **J Clin Invest** 1985 Apr;75(4):1317-26

Renal and hepatic concentrations of platinum: relationship to cisplatin time, dose, and nephrotoxicity. Stewart DJ, et al. **J Clin Oncol** 1985 Sep;3(9):1251-6

Oxidation of oxalate and polyamines by rat peroxisomes. Beard ME, et al. **J Histochem Cytochem** 1985 May;33(5):460-4

Visualization of renal kallikrein in luminal and basolateral membranes: effect of the tissue processing method [letter] Figueroa CD, et al. **J Histochem Cytochem** 1984 Nov;32(11):1238-40

An inhibitory effect of dietary polyunsaturated fatty acids on renin secretion in the isolated perfused rat kidney. Codde JP, et al. **J Hypertens** 1984 Jun;2(3):265-70

New morphological evidence for the synthesis and storage of renin in the human kidney: an ultrastructural immunocytochemical study. Lindop GB, et al. **J Hypertens** 1984 Feb;2(1):7-10

Renal metabolism in mice of exogenously administered 125I labelled renin. Nakamura N, et al. **J Hypertens** 1984 Jun;2(3):241-8

Changes in active and inactive renin and in angiotensin II across the kidney in essential hypertension and renal artery stenosis. Webb DJ, et al. **J Hypertens** 1984 Dec;2(6):605-14

Renal prostaglandin E in the hypotensive mechanism of MK-421 in conscious rats. Yasujima M, et al. **J Hypertens** 1984 Dec;2(6):623-9

Biotin-responsive multiple carboxylase deficiency (MCD): deficient biotinidase activity associated with renal loss of biotin. Baumgartner ER, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:123-5

Renal and hormonal responses to acute hypoxia in normal individuals. Ashack R, et al. **J Lab Clin Med** 1985 Jul;106(1):12-6

Reduction in slow intercompartmental clearance of urea during dialysis. Bowsher DJ, et al. **J Lab Clin Med** 1985 Apr;105(4):489-97

Renal secretion of phenolsulfonphthalein: analysis of its vectorial transport in normal and mutant analbuminemic rats. Inoue M, et al. **J Lab Clin Med** 1985 Apr;105(4):484-8

Studies on the mechanism for renal elimination of N-acetylphenylalanine: its pathophysiologic significance in phenylketonuria. Okajima K, et al. **J Lab Clin Med** 1985 Jan;105(1):132-8

Biosynthesis of neutral glycosphingolipids in kidney slices from male and female mice. McCluer RH, et al. **J Lipid Res** 1985 May;26(5):593-9

Hepatic and renal erythropoietin production during various intervals of short-term hypoxia. Naughton BA, et al. **J Med** 1984;15(1):45-58

On the strategy of kinetic discrimination of amino acid transport systems. Christensen HN. **J Membr Biol** 1985;84(2):97-103

Hexose regulation of sodium-hexose transport in LLC-PK1 epithelia: the nature of the signal. Moran A, et al. **J Membr Biol** 1984;82(1):59-65

Effects of systemically administered lithium on phosphoinositide metabolism in rat brain, kidney, and testis. Sherman WR, et al. **J Neurochem** 1985 Mar;44(3):798-807

Renal handling of technetium-99m DMSA in rats with proximal tubular dysfunction. Provoost AP, et al. **J Nucl Med** 1985 Sep;26(9):1063-7

Renal excretion of calcium and phosphate in preterm and term infants. Karlén J, et al. **J Pediatr** 1985 May;106(5):814-9

Erratum: renal clearance of gentamicin in cystic fibrosis [letter] MacDonald NE. **J Pediatr** 1984 Oct;105(4):673

Renal aminopyrine demethylation in several species determined by a sensitive radiometric method. Ohno Y, et al. **J Pharm Pharmacol** 1984 Nov;36(11):743-7

Theoretical limits of changes in plasma protein binding on renal drug clearance. Cook JA, et al. **J Pharm Sci** 1985 Jan;74(1):108-9

Disposition of nitrofurantoin and nitrofurazone in the isolated perfused rat kidney. Hoener B, et al. **J Pharm Sci** 1984 Nov;73(11):1669-71

Renal clearance and serum protein binding of acetaminophen and its major conjugates in humans. Morris ME, et al. **J Pharm Sci** 1984 Aug;73(8):1038-41

A novel method to predict the elimination half-lives and the renal excretion mechanisms of cephalosporins. Komiya I, et al. **J Pharmacobiodyn** 1984 Aug;7(8):545-55

Conversion of low molecular weight renin into the high molecular weight form by Cu2+ in the rat kidney. Morimoto S, et al. **J Pharmacobiodyn** 1984 Nov;7(11):820-9

Nicotine renal excretion rate influences nicotine intake during cigarette smoking. Benowitz NL, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):153-5

Influence of fraction unbound upon the renal clearance of furosemide in the isolated perfused rat kidney. Hall S, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):263-8

Modulation of reflex renal vasoconstriction by increased endogenous renal prostaglandin synthesis. Holdaas H, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):725-31

Transport of p-aminohippurate, tetraethylammonium and D-glucose in renal brush border membranes from rats with acute renal failure. Hori R, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):776-81

[3H]netilmicin binding constants and phospholipid composition of renal plasma membranes of normal and diabetic rats. Josepovitz C, et al. **J Pharmacol Exp Ther** 1985 May;233(2):298-303

Renal metabolism of sulindac: functional implications. Miller MJ, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):449-56

High-affinity lead binding proteins in rat kidney cytosol mediate cell-free nuclear translocation of lead. Mistry P, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):462-9

Effect of spironolactone on the renal clearance of digoxin in dogs. O'Brien MS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):190-4

Decreased fractional renal excretion of gentamicin in subtotal nephrectomized dogs. Riviere JE, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):90-3

Electroneutral transport of organic cations in canine renal brush border membrane vesicles (BBMV). Sokol PP, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):694-9

Lead accumulation by rat renal brush border membrane vesicles. Victery W, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):589-96

A simple system for the investigation of protein binding effects on the renal handling of drugs in an isolated perfused rat kidney preparation. Hall SD, et al. **J Pharmacol Methods** 1984 Sep;12(2):85-9

An in vivo model for pharmacokinetic studies in the kidney. Toutain PL, et al. **J Pharmacol Methods** 1985 Aug;14(1):1-11

Cation activation of the pig kidney sodium pump: transmembrane allosteric effects of sodium. Karlish SJ, et al. **J Physiol (Lond)** 1985 Feb;359:119-49

Serine uptake by luminal and basolateral membrane vesicles from rabbit kidney. Kragh-Hansen U, et al. **J Physiol (Lond)** 1984 Sep;354:55-67

Characteristics of ionic binding by rat renal tissue in vitro. Law RO. **J Physiol (Lond)** 1984 Aug;353:67-80

Identification of membrane transport processes in renal cells, by means of liquid ion exchanger microelectrodes. Anagnostopoulos T. **J Physiol (Paris)** 1984;79(6):401-5

Modulation of aldosterone receptors in rat kidney: effects of steroid treatment and potassium diet. Rafestin-Oblin ME, et al. **J Steroid Biochem** 1984 Oct;21(4):465-70

Steroid hormone receptors in normal and malignant human renal tissue: relationship with progestin therapy. Ronchi E, et al. **J Steroid Biochem** 1984 Sep;21(3):329-35

Cellular distribution of inorganic mercury and its relation to cytotoxicity in bovine kidney cell cultures. Bracken WM, et al. **J Toxicol Environ Health** 1984;13(4-6):865-77

Cadmium inhalation exposure estimates: their significance with respect to kidney and liver cadmium burden. Ellis KJ, et al. **J Toxicol Environ Health** 1985;15(1):173-87

Experimental obstructive hydronephrosis in newborn rats. V. Long-term effects on renal tissue solute content. Josephson S. **J Urol** 1985 Jun;133(6):1099-103

Effect of orchiectomy and ovariectomy on oxalate production, transport and excretion in rats. Seethlakshmi L, et al. **J Urol** 1984 Dec;132(6):1244-6

Renal and electrolyte effects of total parenteral nutrition. Batuman V, et al. **JPEN** 1984 Sep-Oct;8(5):546-51

Inhibitory effect of 6-aminonicotinamide on the renal transport of para-aminohippurate in the rat. Sudo J, et al. **Jpn J Pharmacol** 1984 Dec;36(4):491-8

Accumulation of laminin and type IV collagen in the kidney in congenital nephrosis. Autio-Harmainen H, et al. **Kidney Int** 1985 Apr;27(4):662-6

Effect of plasma levels of parathyroid hormone on NADPH pathways in kidney and liver. Bachelet M, et al. **Kidney Int** 1985 Feb;27(2):401-4

Hormonal control of renal potassium excretion. Field MJ, et al. **Kidney Int** 1985 Feb;27(2):379-87 (86 ref.)

Evidence that renal prostaglandins are involved in renal water metabolism in cirrhosis. Pérez-Ayuso RM, et al. **Kidney Int** 1984 Jul;26(1):72-80

Renal handling of plasma high density lipoprotein. Peterson DR, et al. **Kidney Int** 1984 Oct;26(4):411-21

Enhanced reabsorption of bicarbonate and phosphorus by the addition of amino acids in the isolated perfused rat kidney. Terao N, et al. **Kidney Int** 1985 Jun;27(6):951-3

Biosynthesis of platelet-activating factor. VI. Precursor of platelet-activating factor and acetyltransferase activity in isolated rat kidney cells. Pirotzky E, et al. **Lab Invest** 1984 Nov;51(5):567-72

Opioid metabolism and the kidney [letter] **Lancet** 1985 Mar 9;1(8428):586

Morphine metabolism: does the renal hypothesis hold water? [letter] Hanks GW, et al. **Lancet** 1985 Jan 26;1(8422):221-2

Histidine modification with diethylpyrocarbonate induces a decrease in the binding of an antagonist, PK 11195, but not of an agonist, RO5-4864, of the peripheral benzodiazepine receptors. Bénavidès J, et al. **Life Sci** 1984 Sep 17;35(12):1249-56

Quinacrine antagonizes the effects of Na,K-ATPase inhibitors on renal prostaglandin E2 release but not their effects on renin secretion. Churchill PC, et al. **Life Sci** 1985 Jan 21;36(3):277-82

Peripheral benzodiazepine binding sites in kidney: modifications by diabetes insipidus. Del Zompo M, et al. **Life Sci** 1984 Nov 19;35(21):2095-103

Effect of prazosin and yohimbine on systolic blood pressure and on renal norepinephrine content in DOCA-salt rats. Sánchez A, et al. **Life Sci** 1985 Apr 22;36(16):1589-96

Displacement of 3H-EKC binding by opioids in rat kidney: a correlate to diuretic activity. Slizgi GR, et al. **Life Sci** 1985 Jun 10;36(23):2189-93

Influence of magnesium and potassium deficiency on renal elimination and cardiovascular function demonstrated by impedance cardiography. Lücker PW, et al. **Magnesium** 1984;3(4-6):265-73

Metabolic utilization and renal handling of D-lactate in men. Oh MS, et al. **Metabolism** 1985 Jul;34(7):621-5

Effects of glucocorticoids on glutamine metabolism in visceral organs. Souba WW, et al. **Metabolism** 1985 May;34(5):450-6

Characterization of hormone-sensitive Madin-Darby canine kidney cells. Lin MC, et al. **Methods Enzymol** 1985;109:360-5

Gluconeogenesis and phosphate reabsorption in isolated lactate- or pyruvate-perfused rat kidneys. Baines AD, et al. **Miner Electrolyte Metab** 1984;10(5):286-91

Regulation of 25-OH-D3 1 alpha-hydroxylase and 24-hydroxylase activities along the rat nephron and in isolated kidney cells. Silver J, et al. **Miner Electrolyte Metab** 1985;11(3):173-7

Reduction in hepatic but not in renal and vascular vasopressin receptor number in hyperinsulinemic mice and rats. Cantau B, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):131-9

Hormonal regulation of protein synthesis in cultured kidney cells. Sudol M. **Mol Cell Endocrinol** 1985 May;40(2-3):245-55

Uptake of the glutathione conjugate S-(1,2-dichlorovinyl)glutathione by renal basal-lateral membrane vesicles and isolated kidney cells. Lash LH, et al. **Mol Pharmacol** 1985 Sep;28(3):278-82

Renal retention of potassium in fruit [letter] Kopyt N, et al. **N Engl J Med** 1985 Aug 29;313(9):582-3

Specific binding sites for atrial natriuretic factor in the human kidney [letter] Mantyh CR, et al. **N Engl J Med** 1985 Jun 27;312(26):1710

Mouse prepro-epidermal growth factor synthesis by the kidney and other tissues. Rall LB, et al. **Nature** 1985 Jan 17-23;313(5999):228-31

Renal cytochrome P450-related arachidonate metabolite inhibits (Na+ + K+)ATPase. Schwartzman M, et al. **Nature** 1985 Apr 18-24;314(6012):620-2

Basal parathyroid activity and renal calcium handling during an intravenous calcium load. Cirillo M, et al. **Nephron** 1984;38(3):167-9

Kidney independent serine synthesis in the rat. Effect of dietary serine and glycine restriction. Hörl WH, et al. **Nephron** 1985;40(3):344-8

Effect of castration on the experimental renal hypertension of the rat. Blood pressure, nephrosclerosis, long-chain fatty acids, and N-acetylation of PAH in the kidney. Mályusz M, et al. **Nephron** 1985;40(1):96-9

Magnesium excretion in idiopathic hypercalciuria. Martinez ME, et al. **Nephron** 1985;40(4):446-50

Intrarenal sodium handling during chronic spironolactone treatment. Roos JC, et al. **Nephron** 1984;38(4):226-32

Defective renal prostaglandin synthesis in hypertensive patients with morbid obesity. Zawada ET Jr, et al. **Nephron** 1985;39(4):361-4

Possibility of saturation in renal excretion after high dose of intravenous sulfamonomethoxine in pigs. Shimoda M, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):331-7

The serial biopsy technique for estimation of drug residue in calf kidney using gentamicin as a model drug. Takahashi Y, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):179-83

Effect of queuine on protein biosynthesis in mammalian cells. Kuchino Y, et al. **Nucleic Acids Symp Ser** 1984;(15):29-32

Renal metabolism in fetal and newborn sheep. Iwamoto HS, et al. **Pediatr Res** 1985 Jul;19(7):641-4

Urine and kidney epidermal growth factor: ontogeny and sex difference in the mouse. Perheentupa J, et al. **Pediatr Res** 1985 May;19(5):428-32

Renal clearance of fluoride in children and adolescents. Spak CJ, et al. **Pediatrics** 1985 Mar;75(3):575-9

In vitro autoradiographic localization of [125I]-angiotensin II binding sites in the rat and dog kidney. Gehlert DR, et al. **Peptides (Fayetteville)** 1984 Nov-Dec;5(6):1043-8

Mechanism of rapid phosphate (Pi) transport adaptation to a single low Pi meal in rat renal brush border membrane. Caverzasio J, et al. **Pflugers Arch** 1985 Jul;404(3):227-31

Renal processing of low molecular weight proteins. Cojocel C, et al. **Pflugers Arch** 1984 Aug;401(4):333-9

PTH independent sex difference in renal handling of inorganic phosphate in the rat: effect of oophorectomy. Frick A, et al. **Pflugers Arch** 1985 May;404(2):172-7

Reabsorption of inorganic sulfate in the rat kidney: evidence for an adaptive depression of TmSO4 during SO4 loading. Frick A, et al. **Pflugers Arch** 1984 Dec;402(4):433-8

Uphill transport of pyrimidine nucleosides in renal brush border vesicles. Le Hir M, et al. **Pflugers Arch** 1985 Jul;404(3):238-43

Intracellular pH in diluting segment of frog kidney. Oberleithner H. **Pflugers Arch** 1985 Jul;404(3):244-51

Effects of methoxy groups in the NI-substituent of sulfonamides on the pathways of elimination in man. The acetylation-deacetylation equilibrium and mechanisms of renal excretion of sulfisomidine, sulfamethomidine and sulfadimethoxine. Vree TB, et al. **Pharm Weekbl [Sci]** 1984 Aug 24;6(4):150-6

Interactions of cis-platinum with cellular zinc and copper in rat liver and kidney tissues. Sharma RP. **Pharmacol Res Commun** 1985 Feb;17(2):197-206

Methods in testing interrelationships between excretion of drugs via urine and bile. Fleck C, et al. **Pharmacol Ther** 1984;25(1):1-22 (223 ref.)

Control of 2,3,7,8-tetrachlorodibenzo-p-dioxin binding protein(s) in the hamster kidney. Kurl RN, et al. **Pharmacology** 1985;30(5):245-54

Biliary and renal excretion of paracetamol in man. Siegers CP, et al. **Pharmacology** 1984;29(5):301-3

The renal response of sheep to a low dietary nitrogen intake. Leng L, et al. **Physiol Bohemoslov** 1985;34(2):147-54

New enzymatic changes of L-cystathionine catalyzed by bovine tissue extracts. Costa M, et al. **Physiol Chem Phys Med NMR** 1985;17(1):107-11

Renal handling of phosphate. Mizgala CL, et al. **Physiol Rev** 1985 Apr;65(2):431-66

Both cholera toxin-induced adenylate cyclase activation and cholera toxin biological activity are inhibited by antibodies against related synthetic peptides. Jacob CO, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7893-6

Renal calcium and phosphate handling in the spontaneously hypertensive rat and normotensive Wistar-Kyoto control rat. Bindels RJ, et al. **Prog Clin Biol Res** 1984;168:369-74

Characteristics of phosphate-binding proteolipid isolated from rat kidney brush border membrane. Debiec H, et al. **Prog Clin Biol Res** 1984;168:349-53

Phosphate transport in the kidney, studies with isolated membrane vesicles. Hammerman MR, et al. **Prog Clin Biol Res** 1984;168:325-30

The stimulatory effect of glutathione on proteolysis in mouse kidney lysosome suspensions. Mego JL. **Prog Clin Biol Res** 1985;180:487-9

Renal distribution of the 10,000 dalton vitamin D-dependent calcium-binding protein in neonatal rats. Taylor AN, et al. **Prog Clin Biol Res** 1984;168:199-204

Role of renal prostaglandins in the fall in urine osmolality after papillary micropuncture. Hartupee DA, et al. **Prostaglandins** 1985 Jun;29(6):981-90

Effect of dietary depletion and repletion of linoleic acid on renal fatty acid composition and urinary prostaglandin excretion. Huang YS, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):223-8

Renal prostaglandin E2 and the renin-angiotensin system in hypertensive disorders in man. Kuylenstierna J, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):19-30

Effects of riboflavin deficiency upon prostaglandin biosynthesis in rat kidney. Pelliccione NJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):349-58

Reduced prostaglandin synthesis by renal and aortic tissues from adult rats fed essential fatty acid-deficient diet after food deprivation. Sakr HM, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):183-92

Effectiveness of dietary essential fatty acid deficiency in development of a model of endogenous renal prostaglandin deficiency. Sinaiko AR, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):87-98

Renal origin of rat urinary epidermal growth factor. Skov Olsen P, et al. **Regul Pept** 1984 Dec;10(1):37-45

7th International Symposium on Biochemical Aspects of Kidney Function. Smolenice, Czechoslovakia, April 9-12, 1984. Abstracts. **Renal Physiol** 1984;7(6):365-87

Production and excretion of dopamine by the isolated perfused rat kidney. Adam WR, et al. **Renal Physiol** 1985;8(3):150-8

Glomerular albumin leakage and morphology after neutralization of polyanions. I. Albumin clearance and sieving coefficient in the isolated perfused rat kidney. Assel E, et al. **Renal Physiol** 1984;7(6):357-64

Taurine transport in brush border membrane vesicles isolated from hyper- and normotaurinuric mouse kidney. Jean T, et al. **Renal Physiol** 1984;7(6):349-56

Urea synthesis in the canine kidney. Mullins Von Dreele M, et al. **Renal Physiol** 1985;8(2):73–9

In vitro correlation of glutamine and glutamate renal ammoniagenesis during adaptation. Preuss HG, et al. **Renal Physiol** 1984;7(5):321–8

Effect of free fatty acids on renal metabolism of very low density lipoprotein triglyceride. Trimble ME. **Renal Physiol** 1985;8(1):1–7

Enhancement of renal prostaglandin E2 and renin release by autoregulatory dilation of preglomerular vessels in dogs. Vikse A, et al. **Renal Physiol** 1985;8(3):169–78

Ethanol induced changes in lipid peroxidation and nonprotein sulfhydryl content. Different sensitivities in rat liver and kidney. Kera Y, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):203–9

63Ni content of renal parenchyma and nuclei from 63NiCl2-treated rats. Liber CM, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):3–16

The key role of sex dependency on kidney citrate metabolism in the rat. Hörl WH, et al. **Res Exp Med (Berl)** 1985; 185(1):69–75

Is renal function the only determinant in the elimination of ceftazidime? Narang PK, et al. **Rev Infect Dis** 1984 Sep–Oct;6(5):732–5

Extracellular volume, renal clearance and whole body permeability-surface area product in man, measured after single injection of polyfructosan. Nielsen OM. **Scand J Clin Lab Invest** 1985 May;45(3):217–22

Role of renal kallikrein in the derangement of sodium and water excretion in cirrhotic patients. Hattori K, et al. **Scand J Gastroenterol** 1984 Sep;19(6):844–8

Renal prostaglandin E in renoparenchymal hypertension. Hsieh BS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul; 83(7):627–33

Clinical pharmacokinetics of sulfonamides in children: relationship between maturing kidney function and renal clearance of sulfonamides. Vree TB, et al. **Ther Drug Monit** 1985;7(2):130–47 (82 ref.)

Acetaminophen nephrotoxicity in the rat: quantitation of renal metabolic activation in vivo. Newton JF, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):39–46

Gentamicin-induced stimulation of DNA synthesis in rat kidney. Comparison between in vivo and in vitro models. Porter GA, et al. **Toxicol Lett** 1984 Nov;23(2):205–13

Mitochondrial bicarbonate carrier: a site of regulation of renal substrate metabolism by acid-base changes. Simpson DP. **Trans Assoc Am Physicians** 1983;96:218–24

Oral phosphate load unmasks underlying renal phosphate leak in symptomatic and asymptomatic members of family with idiopathic hypercalciuria. Juan D. **Urology** 1985 Jul; 26(1):22–6

Kinetics of formation of renotropic growth factor. Murphy GP, et al. **Urology** 1985 Jun;25(6):622–4

Specificity of renotropin receptors in murine Wilms tumor model. Tritsch GL, et al. **Urology** 1985 May;25(5):511–4

[Effects of hypersaturation with ascorbic acid in patients with disorders of renal elimination of uric acid and hyperuricemia] Neshyba P, et al. **Cas Lek Cesk** 1985 Mar 15;124(11):335–40 (Eng. Abstr.) **(Cze)**

[Changes in renal excretion of amino acids in patients after portasystemic anastomoses] Nadvorniková H, et al. **Vnitr Lek** 1985 Mar;31(3):276–84 (Eng. Abstr.) **(Cze)**

[Renal clearance technic for individualizing lithium dosage in routine hospital care] Klinger E, et al. **Encephale** 1984; 10(5):223–30 (Eng. Abstr.) **(Fre)**

[Renal metabolism of palmitate during the perinatal period in the rat] Delaval E, et al. **Reprod Nutr Dev** 1985; 25(1B):333–4 **(Fre)**

[Potassium regulation--current understanding from a clinical viewpoint] Krapf R. **Schweiz Med Wochenschr** 1985 May 4;115(18):606–13 (62 ref.) (Eng. Abstr.) **(Ger)**

[Antibiotic concentration in kidney cell fractions] Fujita K. **Hinyokika Kiyo** 1984 Jul;30(7):953–6 (Eng. Abstr.) **(Jpn)**

[Effects of rapid infusion on renal excretion--comparisons between maintenance salt solution and lactated Ringer's solution and between racemic lactated solution and L-lactated one] Miyake T, et al. **Masui** 1985 Feb; 34(2):228–35 (Eng. Abstr.) **(Jpn)**

[Significance of cross-circulation on obstructive jaundice in rats with special reference to the mitochondrial function of the liver and kidney] Fukaya H, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):709–16 (Eng. Abstr.) **(Jpn)**

[The 31P nuclear magnetic resonance (NMR) study of the preserved kidneys. II. The change of intracellular pH in the renal tissue] Kunikata S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1274–9 (Eng. Abstr.) **(Jpn)**

[A pharmacokinetic study of gentamicin sulfate in rabbits with hydronephrosis] Motoi I. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):751–65 (Eng. Abstr.) **(Jpn)**

[The kidney and calcium metabolism] **Nippon Jinzo Gakkai Shi** 1984 Jul;26(7):982–98 **(Jpn)**

[Reabsorption of beta 2-microglobulin in the kidney during interferon-induced beta 2-microglobulin overproduction] Kawamura J, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb; 27(2):165–74 (Eng. Abstr.) **(Jpn)**

[On methylguanidine synthesizing organs--estimation from short term effect of creatinine] Nagase S, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1099–104 (Eng. Abstr.) **(Jpn)**

[Analysis of renal adrenergic receptor by radioreceptor assay characterization of alpha- and beta-adrenergic receptor in rat kidney] Shigetomi S, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1355–60 (Eng. Abstr.) **(Jpn)**

[Clinical observation of diffuse renal accumulation of 99mTc-MDP] Takeji H, et al. **Rinsho Hoshasen** 1984 Aug; 29(8):875–9 (Eng. Abstr.) **(Jpn)**

[Rolitetracycline pharmacokinetics in patients with chronic renal failure] Wójcicki J, et al. **Pol Arch Med Wewn** 1984 Apr;71(4):241–7 (Eng. Abstr.) **(Pol)**

[Metabolic criteria of the effective treatment of acute renal failure with prostaglandin E2] Glants RM, et al. **Anesteziol Reanimatol** 1985 Jan–Feb;(1):34–6 (Eng. Abstr.) **(Rus)**

[Metabolism of 3H-hydrocortisone in liver, kidney and spleen cells of guinea pigs] Minchenko AG, et al. **Fiziol Zh** 1985 May–Jun;31(3):316–20 (Eng. Abstr.) **(Rus)**

[Role of the kallikrein-kinin system and prostaglandins in the action of dopamine on blood flow and sodium transport in the rat kidney] Kuz'min OB, et al. **Fiziol Zh SSSR** 1985 May;71(5):619–24 (Eng. Abstr.) **(Rus)**

[Effect of antioxidants on the content of macroergic compounds in the liver and kidneys in burns] Butvin IN, et al. **Klin Khir** 1985 Mar;(3):31–3 (Eng. Abstr.) **(Rus)**

[Gastrin and the kidneys] Ryss ES. **Klin Med (Mosk)** 1984 Dec;62(12):14–7 (17 ref.) (Eng. Abstr.) **(Rus)**

[Changes in the electrolyte composition of the heart, liver and kidneys of the rat in pre- and postnatal ontogeny] Denisova LA, et al. **Zh Evol Biokhim Fiziol** 1985 Jan–Feb; 21(1):13–8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Interaction of triiodothyronine-receptor complexes with simian virus 40 minichromosomes in monkey kidney CV-1 cells. Savouret JF, et al. **Endocrinology** 1985 Apr; 116(4):1259–66

Polyoma virus transformation and two-dimensional electrophoresis patterns of baby hamster kidney cell native proteins. Latner AL, et al. **Exp Cell Biol** 1984;52(3):183–8

Susceptibility of various cell culture systems to sheep pox virus strains. Das SK, et al. **Indian J Exp Biol** 1984 Apr; 22(4):205–8

Binding of Streptococcus mutans antigens to heart and kidney basement membranes. Stinson MW, et al. **Infect Immun** 1984 Oct;46(1):145–51

A determinant of polyomavirus virulence enhances virus growth in cells of renal origin. Bolen JB, et al. **J Virol** 1985 Jan;53(1):335–9

Infectivity assay and neutralization test for influenza viruses in microplate cultures of a swine kidney cell line (SK-K). Yamagishi H, et al. **Kitasato Arch Exp Med** 1984 Apr; 57(1):21–6

PARASITOLOGY

Taxonomy and distribution of a Crassicauda species (Nematoda: Spirurida) infecting the kidney of the common fin whale (Balaenoptera physalus Linné, 1758). Lambertsen RH. **J Parasitol** 1985 Aug;71(4):485–8

PKX, the causative agent of proliferative kidney disease (PKD) in Pacific salmonid fishes and its affinities with the Myxozoa. Kent ML, et al. **J Protozool** 1985 May; 32(2):254–60

Trypanocidal drugs and the role of kidney forms of Trypanosoma (Herpetosoma) musculi in immunity of mice against reinfection. Dusanic DG. **Z Parasitenkd** 1985; 71(1):19–31

[Ectopic localization of adult Schistosoma japonicum in the kidney] Yang JS. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):132 **(Chi)**

[Mitraspora cyprini Fujita, 1912 (Protozoa Myxosporea Bütschli, 1881) in the kidneys of carp from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):63–4 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Prognosis in glomerulonephritis. A follow-up study of 395 consecutive, biopsy-verified cases. I. Classification, renal histology and outcome. Report from a Copenhagen study group of renal diseases. Brahm M, et al. **Acta Med Scand** 1985;217(1):117–25

Cystinosis with marked atrophy of the kidneys and thyroid. Histological and ultrastructural studies in an autopsy case. Koizumi F, et al. **Acta Pathol Jpn** 1985 Jan;35(1):145–55

Evaluation of the staining findings of immunofluorescence in unfixed or fixed renal biopsy specimens from patients with IgA nephropathy and membranous nephropathy. Miura M, et al. **Acta Pathol Jpn** 1985 Mar;35(2):315–21

Extratubular efflux and nephropathy. Shigematsu H, et al. **Acta Pathol Jpn** 1984 Jul;34(4):715–26

Stereology of the rat kidney during compensatory renal hypertrophy. Seyer-Hansen K, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jan; 93(1):9–12

Immunohistopathologic evaluation of C1q in 800 renal biopsy specimens. Jennette JC, et al. **Am J Clin Pathol** 1985 Apr; 83(4):415–20

IgA nephropathy. A comparative study of the clinicopathologic features in children and adults. Mina SN, et al. **Am J Clin Pathol** 1985 Jun;83(6):669–75

A renal biopsy study of lupus nephropathy in the United States and Korea. Lee HS, et al. **Am J Kidney Dis** 1985 May;5(5):242–50

Course of renal pathology in patients with systemic lupus erythematosus. Lee HS, et al. **Am J Med** 1984 Oct; 77(4):612–20

Renal pathology forum. **Am J Nephrol** 1984;4(6):383–90

Pathologic findings in adenosine deaminase-deficient severe combined immunodeficiency. I. Kidney, adrenal, and chondro-osseous tissue alterations. Ratech H, et al. **Am J Pathol** 1985 Jul;120(1):157–69

Nephron adaptation to renal injury or ablation. Brenner BM. **Am J Physiol** 1985 Sep;249(3 Pt 2):F324–37 (129 ref.)

Laparoscopic-assisted serial biopsy of the bovine kidney. Naoi M, et al. **Am J Vet Res** 1985 Mar;46(3):699–702

The fate of the left kidney after division of its vein. Scher KS, et al. **Am Surg** 1984 Nov;50(11):613–6

Mesangio-capillary processes and their reactivo-mobile potentials in extreme exertion on the kidney. Melman EP, et al. **Anat Anz** 1984;157(3):199–211

The size of kidney with renovascular hypertension in patients with aortitis syndrome. Morooka S, et al. **Angiology** 1985 Feb;36(2):105–9

Relaxation measurements in excised and perfused organs. Chambron G, et al. **Ann Ist Super Sanita** 1983;19(1):127–36

Systemic lupus erythematosus without clinical renal abnormalities: renal biopsy findings and clinical course. O'Dell JR, et al. **Ann Rheum Dis** 1985 Jun;44(6):415–9

Diagnostic value of kidney biopsy in heterozygous Fabry's disease. Farge D, et al. **Arch Pathol Lab Med** 1985 Jan; 109(1):85–8

Abortive infection with human cytomegalovirus induces an alteration of growth pattern: morphological changes with cytocidal effect in rabbit kidney epithelial cells. Brief report. Kamiya S, et al. **Arch Virol** 1985;86(1–2):143–50

A technique for open renal biopsy in children. Man DW, et al. **Br J Urol** 1984 Aug;56(4):443–4

Renal pathology in fish (Puntius conchonius Ham.) following exposure to acutely lethal and sublethal concentrations of monocrotophos. Kumar S, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):228–33

Renal biopsy in the elderly: clinicopathological correlations in 143 patients. Kingswood JC, et al. **Clin Nephrol** 1984 Oct;22(4):183–7

Kidney allograft biopsy: a valuable tool in assessing the diagnosis of acute rejection. Pardo-Mindan FJ, et al. **Clin Nephrol** 1985 Jul;24(1):37–41

Nonspecificity of the renal lesion of fenoprofen nephropathy. Bender WL, et al. **Contrib Nephrol** 1984;42:253–9

Renal hypertrophy in experimental diabetes. Changes in pentose phosphate pathway activity. Steer KA, et al. **Diabetes** 1985 May;34(5):485–90

Relationship of renal size to nephropathy in type 1 (insulin-dependent) diabetes. Ellis EN, et al. **Diabetologia** 1985 Jan;28(1):12–5

A low dose of a calcium antagonist (nitrendipine) ameliorates cardiac and renal lesions induced by DOC in the rat. Nickerson PA. **Exp Mol Pathol** 1984 Dec;41(3):309–20

Relation of kidney size to renal function and comparative study of kidney size in various diseases. A new analysis by renal area index. Nakano S, et al. **Fukuoka Igaku Zasshi** 1985 Jan;76(1):28–35

Renal morphological changes in idiopathic acute fatty liver of pregnancy. Slater DN, et al. **Histopathology** 1984 Jul; 8(4):567–81

Histomorphometric study of the enhancement of renal compensatory hypertrophy by ACTH in the rat. Stephan F, et al. **Horm Metab Res** 1984 Jul;16(7):366–9

Renal biopsy findings in Wegener's granulomatosis: segmental necrotizing glomerulonephritis with glomerular thrombosis. Weiss MA, et al. **Hum Pathol** 1984 Oct; 15(10):943–56

Renal changes in juvenile-onset diabetes mellitus. A study in 36 patients. Mohanty R, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):199–205

Percutaneous renal biopsy in children under guidance of ultrasonic real time technique. Bachmann H, et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):175–8

Chronic nephropathy in idiopathic multicentric osteolysis. Hirooka M, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun; 6(2):145–50

Evolution of membranous nephropathy from a proliferative and exudative glomerulonephritis--a report of three cases studied by serial biopsies. Kapur S, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun;6(2):105–10

Diffuse mesangial sclerosis--light, immunofluorescent and electronmicroscopy findings. Urbach J, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun;6(2):101–4

Adaptation and decompensation of intrarenal small arteries in experimental hypertension. Helmchen U, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 4:S696–705

Retrospective study of histological features of acute rejection in renal allografts and comparison with circulating T cell populations. Wyatt J, et al. **J Clin Pathol** 1985 Aug; 38(8):858–63

Computed tomography of renal tuberculosis and its pathological correlates. Goldman SM, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):771–6

Morphometric studies on the rat renal papilla of resistant and sensitive strains in partial nephrectomy salt hypertension. Pitcock JA, et al. **J Hypertens** 1984 Aug; 2(4):419–25

Renal counterbalance. Finn WF. **J Lab Clin Med** 1985 May;

105(5):523-30

Correlates of biopsy-studied nephropathy in young patients with insulin-dependent diabetes mellitus. Silverstein JH, et al. **J Pediatr** 1985 Feb;106(2):196-201

Immunofluorescent analysis of renal biopsies in uncomplicated Schistosoma haematobium infections in children. Higashi GI, et al. **J Trop Med Hyg** 1984 Jun; 87(3):123-9

A tandem guide for renal biopsy. Hightower DR, et al. **J Ultrasound Med** 1985 Aug;4(8):441-3

Adult nephroblastoma with glomerular intracapillary deposits of IgM in the contralateral kidney. Banik S, et al. **J Urol** 1985 Aug;134(2):339-41

Contralateral renal hyperplasia and increased renal function after relief of chronic unilateral ureteral obstruction. Castle WN, et al. **J Urol** 1984 Nov;132(5):1016-20

Juxtaglomerular cell tumor of the kidney. Dennis RL, et al. **J Urol** 1985 Aug;134(2):334-8

Pyelonephritic scarring in 213 patients with upper and lower urinary tract infections: long-term followup. Huland H, et al. **J Urol** 1984 Nov;132(5):936-9

Ultrasonically guided fine needle aspiration biopsy of renal masses. Juul N, et al. **J Urol** 1985 Apr;133(4):579-81

Infiltrating recurrent renal angiomyolipoma with fatal outcome. Kragel PJ, et al. **J Urol** 1985 Jan;133(1):90-1

Renal oncocytoma: a diagnostic and therapeutic dilemma. Maatman TJ, et al. **J Urol** 1984 Nov;132(5):878-81

Primary chondrosarcoma of the kidney. Nativ O, et al. **J Urol** 1985 Jul;134(1):120-1

Bilateral renal oncocytoma: report of 2 cases and literature review. Zhang G, et al. **J Urol** 1985 Jan;133(1):84-6

Proliferative lesions found in rat kidneys after a single dose of cisplatin. Bulger RE, et al. **JNCI** 1984 Nov;73(5):1235-42

Diffuse proliferative lupus nephritis: identification of specific pathologic features affecting renal outcome. Austin HA 3d, et al. **Kidney Int** 1984 Apr;25(4):689-95

Renal vasculitis [clinical conference] Balow JE. **Kidney Int** 1985 Jun;27(6):954-64

An improved technique for ultrasound guided percutaneous renal biopsy. Birnholz JC, et al. **Kidney Int** 1985 Jan; 27(1):80-2

Lipid alterations induced by renal ischemia: pathogenic factor in membrane damage. Matthys E, et al. **Kidney Int** 1984 Aug;26(2):153-61

Diminished number of renin-containing cells in kidney biopsy samples from hypertensive women immediately postpartum: an immunomorphologic study. Nochy D, et al. **Kidney Int** 1984 Jul;26(1):85-7

Usefulness of hypnosis for renal needle biopsy in children. Usberti M, et al. **Kidney Int** 1984 Sep;26(3):351-2

Morphologic and functional evidence for oxygen deficiency in the isolated perfused rat kidney. Schurek HJ, et al. **Lab Invest** 1985 Aug;53(2):145-55

Renal biopsy in patients with acute renal failure and prolonged bleeding time [letter] Gotti E, et al. **Lancet** 1984 Oct 27;2(8409):978-9

Diabetic nephropathy [editorial] Hostetter TH. **N Engl J Med** 1985 Mar 7;312(10):642-4

Studies of kidney and muscle biopsy specimens from identical twins discordant for type I diabetes mellitus. Steffes MW, et al. **N Engl J Med** 1985 May 16;312(20):1282-7

Effect of blood glucose control on increased glomerular filtration rate and kidney size in insulin-dependent diabetes. Wiseman MJ, et al. **N Engl J Med** 1985 Mar 7; 312(10):617-21

Experimental studies on the hemolytic-uremic syndrome. Bolande RP, et al. **Nephron** 1985;39(3):228-36

Modification of a disposable needle for renal biopsy in children and transplant recipients. Chevalier RL. **Nephron** 1985;39(4):393-4

Renal survival rate of IgA nephropathy. Chida Y, et al. **Nephron** 1985;40(2):189-94

Tubular function disturbances in chronic glomerulonephritis and their significance for identifying tubulointerstitial lesions. Ratner M, et al. **Nephron** 1985;39(2):117-21

Immunofluorescence studies in paraffin-embedded tissue. Sarno EN, et al. **Nephron** 1985;39(1):64-5

Morphological transition in minimal change nephrotic syndrome. Tejani A. **Nephron** 1985;39(3):157-9

Renal lesions in sickle cell nephropathy in children. Tejani A, et al. **Nephron** 1985;39(4):352-5

Massive obesity and nephrotic proteinuria with a normal renal biopsy. Wesson DE, et al. **Nephron** 1985;40(2):235-7

Light and electron microscopic observations on bovine amyloid-laden kidneys. Kim DH, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):633-9

Chemotherapy-induced histologic changes in Wilms' tumors. Guarda LA, et al. **Pediatr Pathol** 1984;2(2):197-206

Severe haemorrhage from a lumbar artery as a complication of percutaneous renal biopsy. Jamison MH, et al. **Postgrad Med J** 1985 Jan;61(711):69-70

The role of metabolic activation of analgesics and non-steroidal anti-inflammatory drugs in the development of renal papillary necrosis and upper urothelial carcinoma. Bach PH, et al. **Prostaglandins Leukotrienes Med** 1984 Aug; 15(2):251-74

Morphological parameters in lupus nephritis: their relevance for classification and relationship with clinical and histological findings and outcome. Banfi G, et al. **Q J Med** 1985 May;55(217):153-68

Schönlein-Henoch syndrome in adults. Roth DA, et al. **Q J Med** 1985 May;55(217):145-52

Unilateral involvement of kidneys in mice infected with Candida albicans. Kwon-Chung KJ, et al. **Sabouraudia** 1985 Feb;23(1):81-3

Reflections on use of the renal biopsy as the 'gold standard' in distinguishing transplant rejection from cyclosporine nephrotoxicity. Solez K, et al. **Transplant Proc** 1985 Aug; 17(4 Suppl 1):123-33 (57 ref.)

Histopathology of cyclosporine. Wallace AC. **Transplant Proc** 1985 Aug;17(4 Suppl 1):117-22

Persistent proteinuria in asymptomatic individuals: renal biopsy studies. Ojogwu LI. **Trop Geogr Med** 1985 Mar; 37(1):69-73

Nephrotic syndrome in Zaire. Morphological and aetiological aspects. Pakasa M, et al. **Tropenmed Parasitol** 1984 Sep; 35(3):193-5

Renal biopsy: localization using computed tomography. Whelan TV, et al. **Urol Radiol** 1985;7(2):94-6

Hematuria after renal allograft biopsy: treatment with aminocaproic acid. Elliott SJ, et al. **Urology** 1985 Jul; 26(1):20-1

Hyperkeratotic squamous epithelium of pelvis and ureter in solitary kidney. Zipkin JW, et al. **Urology** 1985 Jun; 25(6):625-6

Lesions in the liver and kidney of Dirofilaria immitis-infected dogs following treatment with ivermectin. Simpson CF, et al. **Z Parasitenkd** 1985;71(1):97-105

Pathogenesis of renal changes in experimental prolonged shock. Kaup FJ, et al. **Zentralbl Veterinarmed [A]** 1984 Sep;31(8):611-24

[Clinicopathological study of 62 elderly patients] Liu SQ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):344-6, 324 (Eng. Abstr.) **(Chi)**

[A preliminary study on the correlation between types of chronic glomerulonephritis classified by traditional Chinese medicine and pathological findings of renal biopsy] Shi SZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):414-6 (Eng. Abstr.) **(Chi)**

[Ultrasonography of the transplanted kidney] Laasonen L, et al. **Duodecim** 1985;101(10):986-93 **(Fin)**

[Unilateral neonatal enlarged kidney. Echotomographic approach to diagnosis. Update] Hammou A, et al. **Ann Radiol (Paris)** 1985;28(1):56-60 (Eng. Abstr.) **(Fre)**

[Pure hypertensive nephropathy associated with malignant arterial hypertension in disseminated lupus erythematosus. Case with a favorable outcome] Jouquan J, et al. **J Mal Vasc** 1985;10(1):47-50 (Eng. Abstr.) **(Fre)**

[Significance of family studies and kidney biopsies in children with renal hematuria] Pistor K, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):269-73 (Eng. Abstr.) **(Ger)**

[Bioptic diagnosis of kidney diseases] Höfer W. **Pathologe** 1984 Dec;5(6):305-21 **(Ger)**

[Ultrasonically targetted fine-needle aspiration cytology in the immediate postoperative follow-up of transplanted kidneys] Swobodnik W, et al. **Ultraschall Med** 1985 Jun; 6(3):147-51 (Eng. Abstr.) **(Ger)**

[Compensatory hypertrophy of the healthy kidney as an important prerequisite for nephrectomy of the small kidney] Bachmann H. **Urologe [Ausg A]** 1985 Mar;24(2):80-3 (Eng. Abstr.) **(Ger)**

[Histopathological studies of rat kidneys following the feeding of heat-damaged proteins] von Wangenheim B, et al. **Z Ernahrungswiss** 1984 Sep;23(3):219-29 (Eng. Abstr.) **(Ger)**

[Immunohistochemical drug detection in autopsy material] Krämer M, et al. **Z Rechtsmed** 1984;93(3):147-50 (Eng. Abstr.) **(Ger)**

[Immunoenzyme demonstration of isoantigens A, B and H in kidney tissue changed by putrefaction] Pedal I, et al. **Z Rechtsmed** 1985;94(1):9-20 (Eng. Abstr.) **(Ger)**

[Renal enlargement and prognosis of acute lymphoblastic leukemia in children: absence of correlations] Pastore G, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):421-7 (Eng. Abstr.) **(Ita)**

[Acute renal insufficiency in multiple myeloma. Ultrastructural study of multinuclear giant cells] Palazzi P, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):267-76 (Eng. Abstr.) **(Ita)**

[Surgical aspects of open renal biopsy done by urologic residents at Tsukuba University] Yazaki T, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1005-11 (Eng. Abstr.) **(Jpn)**

[On reflux nephropathy--clinical and pathological study] Gotoh T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr; 75(4):688-96 (Eng. Abstr.) **(Jpn)**

[Renal morphologic examination by ultrasonotomography:--ultrasonic evaluation of the kidney size and renal parenchymal echogenicity in normal subjects and patients with chronic renal failure] Sawamura Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):189-96 (Eng. Abstr.) **(Jpn)**

[Kidney volume and acquired cystic disease of the kidney in patients undergoing long-term hemodialysis] Yuhara M. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):733-44 (Eng. Abstr.) **(Jpn)**

[Histopathological studies on the renal lesions in the cardiac surgical patients] Tamura K. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1151-62 (Eng. Abstr.) **(Jpn)**

[Key points in preparation of renal biopsy specimens] Sakaguchi H. **Nippon Rinsho** 1984 Jun;42(6):1280-3 **(Jpn)**

[In vitro studies of the effect of organophosphate compounds on the surface structure of monkey kidney cells] Skwarek T, et al. **Med Dosw Mikrobiol** 1984;36(2):129-33 (Eng. Abstr.) **(Pol)**

[Clinico-morphological analysis of congenital nephrotic syndrome] Bittner K, et al. **Pediatr Pol** 1985 Feb; 60(2):153-62 (Eng. Abstr.) **(Pol)**

[Endocrine structures of the kidney in hypertension] Tsibel' BN, et al. **Arkh Patol** 1984;46(9):62-8 (Eng. Abstr.) **(Rus)**

[Pathological anatomy of the myorenal syndrome in the light of current methods of treatment] Zimina LN. **Arkh Patol** 1985;47(2):44-51 (Eng. Abstr.) **(Rus)**

[Renal biopsy and its clinical evaluation of uropathies in newborn infants and young children] Doletskiĭ SIa, et al. **Klin Khir** 1985;(6):16-8 (Eng. Abstr.) **(Rus)**

[Role of lesions of the renal tubules and insterstices in the progression of renal failure] Riabov SI, et al. **Klin Med (Mosk)** 1984 Jul;62(7):55-8 (Eng. Abstr.) **(Rus)**

[Features of the sclerotic process in the kidneys in hydronephrosis and pyelonephritis in children] Maksimova IG. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):18-21 (Eng. Abstr.) **(Rus)**

[Clinico-morphologic features of nephropathies with a tubulointerstitial component] Nikolaev AIu, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):44-50 **(Rus)**

[Morphologic changes in the kidneys in experimental cholino-protein deficiency] Trushina EN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):44-51 (Eng. Abstr.) **(Rus)**

[Kidney changes in circulatory failure] Sokrut VN, et al. **Vrach Delo** 1984 Oct;(10):89-91 (Eng. Abstr.) **(Rus)**

[Pathologico-anatomic findings in the kidneys and liver in rheumatoid arthritis] Kopecký S, et al. **Vnitr Lek** 1985 May; 31(5):497-501 (Eng. Abstr.) **(Slo)**

[Murine model of clinically benign diabetes mellitus of young subjects] Martinez SM, et al. **Medicina (B Aires)** 1984; 44(2):145-52 (Eng. Abstr.) **(Spa)**

[Pulmonary and renal injuries in acute pancreatitis. Retrospective study of autopsy material] Domínguez Malagón HR, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun; 49(2):69-74 (Eng. Abstr.) **(Spa)**

[Fine needle aspiration biopsy from kidney transplants--application in clinical practice] Fält K, et al. **Lakartidningen** 1984 Sep 12;81(37):3237-9 **(Swe)**

PHYSIOLOGY

Time-dependent heterogeneity of filtration rate in the autoregulating rat kidney. Sjöquist M, et al. **Acta Physiol Scand** 1985 Feb;123(2):151-8

Renal function following nephroangiography with diatrizoate. Effects of saline, mannitol, and diatrizoate on renal blood flow, glomerular permeability and filtration rate and diuresis in dogs. Törnquist C, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):343-50

Influence of calcium and calcium regulating hormones on renal compensatory growth. Bonjour JP, et al. **Adv Exp Med Biol** 1984;178:441-4

Early renal adaptation to dietary phosphorus restriction. Levine BS, et al. **Adv Exp Med Biol** 1984;178:93-101

Renal prostaglandins and hypertension. McGiff JC, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:161-9 (28 ref.)

Drugs, prostaglandins, and renal function. Patrono C, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:131-9 (31 ref.)

Aging and the kidney: clinical implications. Epstein M. **Am Fam Physician** 1985 Apr;31(4):123-37

Effect of different linoleic acid intakes on prostaglandin biosynthesis and kidney function in man. Adam O, et al. **Am J Clin Nutr** 1984 Oct;40(4):763-70

Effects of nonsteroidal anti-inflammatory drugs on prostaglandins and renal function. Carmichael J, et al. **Am J Med** 1985 Jun;78(6 Pt 1):992-1000 (146 ref.)

Synthesis and renal activity of rat atrial granules depend on extracellular volume. Ackermann U, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R750-2

Renal function in sea snakes. II. Sodium, potassium, and magnesium excretion. Benyajati S, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R237-45

Renal interstitial pressure in mineralocorticoid escape. Burnett JC Jr, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F396-9

Na+-K+-ATPase inhibitors and renin release: relationship to calcium. Cruz-Soto M, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):F650-5

Cyanate and temperature regulation in anephric rabbits. Eiger SM, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F69-73

Role of the kidney in metabolism of gonadotropins in rats. Emmanouel DS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E786-92

Viewing the kidney through microelectrodes. Frömter E. **Am J Physiol** 1984 Nov;247(5 Pt 2):F695-705

Salt gland and kidney responses to intracerebral osmotic stimulation in salt- and water-loaded ducks. Gerstberger R, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1022-8

Forskolin and antidiuretic hormone stimulate a Ca2+-activated K+ channel in cultured kidney cells. Guggino SE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F448-55

Use of monoclonal antibodies in the study of renal function Kashgarian M. **Am J Physiol** 1984 Oct;247(4 Pt 2):F533-8

Mechanism of furosemide-induced natriuresis by direct stimulation of renal prostaglandin E2. Katayama S, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F555-61

Effect of pentobarbital and hemorrhage on renal autoregulation. Kremser PC, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 2):F356-60

Metabolic machinery of the alligator kidney. Lemieux G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F686-93

Exercise training-induced hypervolemia in greyhounds: role of water intake and renal mechanisms. McKeever KH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R422-5

Mechanisms of angiotensin II natriuresis and antinatriuresis. Olsen ME, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F299-307

Importance of the liver during glucagon-mediated increases in canine renal hemodynamics. Premen AJ. **Am J Physiol** 1985 Aug;249(2 Pt 2):F319-22

Alpha 2-adrenoceptors and sodium reabsorption in the isolated perfused rat kidney. Smyth DD, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F680-5

Activation of hypothalamo-hypophysial-interrenal system by urophysectomy in goldfish. Woo NY, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R197-201

Renal function in sea snakes. I. Glomerular filtration rate and water handling. Yokota SD, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R228-36

Single-injection method for evaluation of renal function with 14C-inulin and 3H-tetraethylammonium bromide in dogs and cats. Fettman MJ, et al. **Am J Vet Res** 1985 Feb; 46(2):482-5

The effect of long-term controlled mechanical ventilation with positive end-expiratory pressure on renal function in dogs. Berry AJ, et al. **Anesthesiology** 1984 Oct;61(4):406-15

Renal function during application of positive end-expiratory pressure in swine: effects of hydration. Venus B, et al. **Anesthesiology** 1985 Jun;62(6):765-9

A simple inulin assay for renal clearance determination using an immobilized beta-fructofuranosidase. Day DF, et al. **Ann NY Acad Sci** 1984;434:504-7

Effect of varying water intake on renal function in healthy preterm babies. Coulthard MG, et al. **Arch Dis Child** 1985 Jul;60(7):614-20

Left renal vein division in abdominal aortic aneurysm operations. Effect on renal function. Adar R, et al. **Arch Surg** 1985 Sep;120(9):1033-6

Adenosine triphosphate--magnesium chloride ameliorates reperfusion injury following ischemia as determined by phosphorus nuclear magnetic resonance. Sumpio BE, et al. **Arch Surg** 1985 Feb;120(2):233-40

Fluid-electrolyte metabolism and renal function of white rats in experiments aboard Cosmos biosatellites. Gazenko OG, et al. **Aviat Space Environ Med** 1984 Aug;55(8):685-91

Insulin decreases apical cell membrane resistance in cultured kidney cells (A6). Walker TC, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):614-8

Renal processing of glutathione conjugates. Role in nephrotoxicity. Elfarra AA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3729-32

Incorporation of 32P into phospholipids in vivo during compensatory renal growth. Banfić H, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):223-8

Kidney function during common carotid artery occlusion in anaesthetized cats: influence of vagotomy, constant ventilation, blood pressure stabilization, and carotid body chemoreceptor inactivation. Honig A, et al. **Biomed Biochim Acta** 1985;44(2):261-73

The influence of dietary calcium on kidney calcification and renal function in rats fed high-phosphate diets. Schaafsma G, et al. **Bone** 1985;6(3):155-63

The effect of trimethoprim on serum creatinine. Kastrup J, et al. **Br J Urol** 1985 Jun;57(3):265-8

Blood lead concentration, blood pressure, and renal function. Pocock SJ, et al. **Br Med J [Clin Res]** 1984 Oct 6; 289(6449):872-4

Effects of renal denervation on the renal responses of anesthetized rats to cyclohexyladenosine. Cook CB, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):934-8

Effects of bile and bile salt infusions on renal function in dogs. Finestone H, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):762-8

Stannius corpuscles and plasma calcium levels during the reproductive cycle in the cichlid teleost fish, Oreochromis mossambicus. Urasa FM, et al. **Cell Tissue Res** 1985; 241(1):219-27

Effects of synthetic atrial natriuretic peptide on renal function and renin release in acute experimental heart failure. Scriven TA, et al. **Circulation** 1985 Oct;72(4):892-7

Angiotensinogen in rat cerebrospinal fluid. Hilgenfeldt U. **Clin Exp Hypertens [A]** 1984;6(10-11):1815-24

Alterations in cerebrospinal fluid sodium and osmolality in rats during one-kidney, one-wrap renal hypertension. Haywood JR, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):545-9

The role of prostaglandins in the control of renal function: renal effects of nonsteroidal anti-inflammatory drugs. Pugliese F, et al. **Clin Exp Rheumatol** 1984 Oct-Dec; 2(4):345-52 (68 ref.)

The physiology of the renal tract in pregnancy. Davison JM. **Clin Obstet Gynecol** 1985 Jun;28(2):257-65

Postpartum evaluation of renal function. Jaffe DJ. **Clin Obstet Gynecol** 1985 Jun;28(2):298-309

Interaction of renal prostaglandins with the renin-angiotensin and renal adrenergic nervous systems in healthy subjects during dietary changes in sodium intake. Kramer HJ, et al. **Clin Sci** 1985 Apr;68(4):387-93

Renal excretion of urea in response to changes in nitrogen intake in desert (black Bedouin) and non-desert (Swiss Saanen) goats. Silanikove N. **Comp Biochem Physiol [A]** 1984;79(4):651-4

Renal, endocrine and hemodynamic effects of water immersion in man. Epstein M. **Contrib Nephrol** 1984; 41:174-88

Intrarenal and systemic actions of the renin-angiotensin system. Implications for renal excretory function and sodium homeostasis. Hollenberg NK. **Contrib Nephrol** 1984; 43:102-13 (60 ref.)

Hemodynamic modifications induced by head out water immersion in nonuremic and uremic subjects. Jahn H, et al. **Contrib Nephrol** 1984;41:189-98

Effects of aprotinin on renal function. Kramer HJ, et al. **Contrib Nephrol** 1984;42:233-41

The effect of cooling and warming rate on cortical cell function of glycerolized rabbit kidneys. Pegg DE, et al. **Cryobiology** 1984 Oct;21(5):529-35

Effects of hypothermic kidney preservation on the isolated perfused kidney: a comparison of reperfusion methods. Rice MJ, et al. **Cryobiology** 1985 Apr;22(2):161-7

Effects of short-term hypothermic perfusion and cold storage on function of the isolated-perfused dog kidney. Southard JH, et al. **Cryobiology** 1985 Apr;22(2):147-55

Effects of maintaining normal plasma colloid osmotic pressure on renal function and excretion of sodium and water after major surgery. A randomized study. Nielsen OM, et al. **Dan Med Bull** 1985 Jun;32(3):182-5

In vitro degradation of endocytosed protein in pronephros cells of the char (Salmo alpinus L.). The effects of temperature and inhibitors. Dannevig BH, et al. **Dev Comp Immunol** 1985 Spring;9(2):231-40

Gentamicin disposition and effect on development of renal function in the very low birth weight infant. Landers S, et al. **Dev Pharmacol Ther** 1984;7(5):285-302

The renal metabolism of insulin. Rabkin R, et al. **Diabetologia** 1984 Sep;27(3):351-7 (81 ref.)

Triiodothyronine production by the perfused rat kidney is reduced by diabetes mellitus but not by fasting. Ferguson DC, et al. **Endocrinology** 1985 Jul;117(1):64-70

The effect of age on the control of water conservation in the laboratory mouse--metabolic studies. Davies I, et al. **Exp Gerontol** 1985;20(1):53-66

Control of renal and adrenocortical function by the renin-angiotensin system in two euryhaline teleost fishes. Kenyon CJ, et al. **Gen Comp Endocrinol** 1985 Apr; 58(1):93-100

Role of pineal gland in kidney-adrenal homeostasis. Acuña D, et al. **Horm Metab Res** 1984 Nov;16(11):589-92

Effects of a calcium entry blocker on blood pressure and renal function during angiotensin-induced hypertension. Huelsemann JL, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):374-9

Effects of prostaglandin synthesis inhibitors on the renin-angiotensin system and renal function. Izumi Y, et al. **Hypertension** 1985 Sep-Oct;7(5):791-6

The antihypertensive function of the kidney. Its elucidation by captopril plus unclipping. Muirhead EE, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):I127-35

Effect of raised portal venous pressure on blood pressure, urine output and body fluids. Shukla N, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):216-8

The kidney in anesthesia. **Int Anesthesiol Clin** 1984 Spring; 22(1):1-239

Basic concepts of renal physiology. Fernandez P, et al. **Int Anesthesiol Clin** 1984 Spring;22(1):1-34

Abstracts: XVIII annual meeting of the European Society for Pediatric Nephrology. Dubrovnik, Yugoslavia, September 17-20, 1984. **Int J Pediatr Nephrol** 1984 Jun; 5(2):105-41

Excretion of contrast media by the immature rabbit. Comparison of Renografin and Iopamidol. Rosenbaum DM, et al. **Invest Radiol** 1984 Mar-Apr;19(2):123-8

Mechanism of renal excretion of various X-ray contrast materials in rabbits. Zurth C. **Invest Radiol** 1984 Mar-Apr; 19(2):110-5

Longitudinal studies on the rate of decline in renal function with age. Lindeman RD, et al. **J Am Geriatr Soc** 1985 Apr;33(4):278-85

Renal clearance of urea, inulin, and p-aminohippurate in heat-acclimated rats. Chayoth R, et al. **J Appl Physiol** 1984 Sep;57(3):731-2

Central nervous system-renal interrelationship in mechanism of action of guanabenz: role of peripheral alpha 2-adrenoceptor agonist activity. DiBona GF. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S543-4

Angiotensin-converting enzyme inhibition: renal aspect. Hollenberg NK. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S40-4

Characterization of chemically and virally transformed variants of Madin-Darby canine kidney (MDCK) epithelial cells. U HS, et al. **J Cell Physiol** 1985 Feb;122(2):299-307

Endocrine regulation of avian renal function. Braun EJ, et al. **J Exp Zool** 1984 Dec;232(3):715-23 (41 ref.)

Renal handling of sodium chloride and its control in birds. Nishimura H, et al. **J Exp Zool** 1984 Dec;232(3):697-705 (47 ref.)

Clinical pharmacology of netilmicin in preterm and term newborn infants. Granati B, et al. **J Pediatr** 1985 Apr; 106(4):664-9

Prostaglandin synthesis and renal vasoconstriction elicited by adrenergic stimuli are linked to activation of alpha-1 adrenergic receptors in the isolated rat kidney. Cooper CL, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):24-31

The reflex effects of changes in carotid sinus pressure upon renal function in dogs. Karim F, et al. **J Physiol (Lond)** 1984 Oct;355:557-66

Urinary sodium excretion and the renin-aldosterone system in new-born calves. Safwate A. **J Physiol (Lond)** 1985 May; 362:261-71

Acute effects of angiotensin II in intact and adrenalectomized conscious dogs. Kaczmarczyk G, et al. **J Physiol (Paris)** 1984;79(6):491-5

Interaction between the natriuretic effects of renal perfusion pressure and the antinatriuretic effects of angiotensin and aldosterone in control of sodium excretion. Young DB, et al. **J Physiol (Paris)** 1984;79(6):511-7 (15 ref.)

Functional preservation of the mammalian kidney. VI. Viability assessment of rabbit kidneys perfused at 25 degrees C with dimethyl sulfoxide in RPS-2. Hawkins HE, et al. **J Surg Res** 1985 Mar;38(3):281-8

Determination of renal function following urinary diversion through intestinal segments. Koch MO, et al. **J Urol** 1985 Mar;133(3):517-20

Metabolic control of renal vascular resistance and glomerulotubular balance. Baines AD, et al. **Kidney Int** 1985 Jun;27(6):848-54

Renal hemodynamics during pregnancy in chronically catheterized, conscious rats. Conrad KP. **Kidney Int** 1984 Jul;26(1):24-9

Pressure natriuresis and prostaglandin secretion by perfused rat kidney. Gleim GW, et al. **Kidney Int** 1984 Nov; 26(5):683-8

Effect of protein intake on renal function and structure in partially nephrectomized rats. Kenner CH, et al. **Kidney Int** 1985 May;27(5):739-50

Glomerular filtration rate and plasma pH as determinants of phosphate reabsorption. Langberg H, et al. **Kidney Int** 1984 Aug;26(2):128-36

Phenomenological analysis of renal regulation of sodium and potassium balance. Walser M. **Kidney Int** 1985 Jun; 27(6):837-41

Relation of endogenous digoxin-like immunoreacting activities to salt balance and renal function in man. Kramer HJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:107-10

Long-term follow-up of patients who underwent unilateral nephrectomy in childhood. Robitaille P, et al. **Lancet** 1985 Jun 8;1(8441):1297-9

Renal and systemic effects of synthetic atrial natriuretic factor. Seymour AA, et al. **Life Sci** 1985 Jan 7;36(1):33-44

Magnesium- and potassium-sparing effects of amiloride. Review and recent findings. Ryan MP. **Magnesium** 1984; 3(4-6):274-88

Renal excretory function after renal denervation and administration of diuretics to unanaesthetized dogs evaluated by a mathematical model for describing the dynamics of the excretory process. Girchev RA, et al. **Physiol Bohemoslov** 1985;34(2):137-45

Effects of lead on the renal response to extracellular volume expansion. Powers WJ Jr, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):367-72

Relationship between potassium conductance and transport in renal tubular epithelium. Cohen B, et al. **Prog Clin Biol Res** 1984;164:391-401

Decreased calcium and magnesium urinary excretion during prostaglandin synthesis inhibition in the rat. Friedlander G, et al. **Prostaglandins** 1985 Jan;29(1):123-32

Renal adaptation to additional nephrons: a functional study in the three-kidney rat. Provoost AP, et al. **Renal Physiol** 1985;8(3):129-35

The role of histamine H1 and H2 receptors in the canine kidney. Radke KJ, et al. **Renal Physiol** 1985;8(2):100-11

Effects of volume expansion with Fluosol-DA on renal function of the nonhuman primate. Roccaforte WH, et al. **Renal Physiol** 1984;7(5):293-8

A possible role of antihypertensive polar renomedullary lipid (APRL) and prostaglandin E2 in the kidney in the antihypertensive action of pindolol. Matsudaira T, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):65-9

Renal haemodynamics and volume homeostasis in pregnancy. Davison JM. **Scand J Clin Lab Invest [Suppl]** 1984; 169:15-27 (42 ref.)

A renal countercurrent system in marine elasmobranch fish: a computer-assisted reconstruction. Lacy ER, et al. **Science** 1985 Mar 15;227(4692):1351-4

Magnetic resonance spectroscopy for evaluation of renal function. Weiner MW, et al. **Semin Urol** 1985 Feb; 3(1):34-42 (58 ref.)

Exercise and renal function. Poortmans JR. **Sports Med** 1984 Mar-Apr;1(2):125-53

Preoperative percutaneous transhepatic internal drainage in obstructive jaundice: a randomized, controlled trial examining renal function. Smith RC, et al. **Surgery** 1985 Jun;97(6):641-8

Teratogenic effects of Ochratoxin A in rats with impaired renal function. Mayura K, et al. **Toxicology** 1984 Sep 28; 32(4):277-85

Improved function of perfused rabbit kidneys by prevention of oxidative injury. Bry WI, et al. **Transplantation** 1984 Dec;38(6):579-82

Effects of preservation conditions and temperature on tissue acidification in canine kidneys. Kallerhoff M, et al. **Transplantation** 1985 May;39(5):485-9

Decline in infectivity of simian virus 40 by sodium deoxycholate and its restoration with the extract of monkey kidney cells. Shimura H, et al. **Virology** 1984 Dec; 139(2):243-50

[The urgent need for developing renal physiology research in China] Wu X. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul; 15(3):198-201 **(Chi)**

[Renal excretion of amino acids after administration of prednisone and Imuran with emphasis on their excretion by transplanted kidneys] Nádvorníková H, et al. **Cas Lek Cesk** 1985 Aug 23;124(34):1066-9 (Eng. Abstr.) **(Cze)**

[Kidney function after heart surgery] Stříbrná J, et al. **Cas Lek Cesk** 1985 Aug 23;124(34):1060-5 (Eng. Abstr.) **(Cze)**

[Renal adaptation to a restriction of sodium intake in the rat: effects of inhibition of the renin-angiotensin system] Jover B, et al. **Arch Mal Coeur** 1984 Oct;77(11):1234-7 (Eng. Abstr.) **(Fre)**

[The kidney and normal pregnancy] Robert D. **Rev Med Suisse Romande** 1984 Aug;104(8):573-6 (18 ref.) **(Fre)**

[Extrarenal regulation of acid-base equilibrium] Mioni G. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):157-65 (21 ref.) **(Ita)**

[Evaluation using computerized tomography of renal function after cisplatin therapy] Tipaldi L, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):549-52 **(Ita)**

[Receptors in the kidney] **Nippon Jinzo Gakkai Shi** 1984 Jul; 26(7):905-15 **(Jpn)**

[Physiological and pharmacological actions of prostaglandins and related substances: the kidney and prostaglandins] Marumo F, et al. **Nippon Rinsho** 1985 Mar;43(3):518-22 (28 ref.) **(Jpn)**

[Influence of renal function on serum pancreatic secretory trypsin inhibitor concentration] Oka T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2577-81 (Eng. Abstr.) **(Jpn)**

[Effect of hormones on renal regulation of volemia] Bar A. **Wiad Lek** 1984 Jul 1;37(13):1043-7 (Eng. Abstr.) **(Pol)**

[Participation of the kidneys in the reaction of the anticoagulation system to thrombin administered into the blood stream] Andreenko GV, et al. **Biol Nauki** 1984; (10):52-5 (Eng. Abstr.) **(Rus)**

[Effect of compensatory hypertrophy of the kidney on the ability of splenocytes to induce a regional graft versus host reaction] Babaeva AG, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):336-8 (Eng. Abstr.) **(Rus)**

[Adrenocorticotropic effect on the activities of human kidneys] Noskov VB, et al. **Fiziol Cheloveka** 1985 Jan-Feb; 11(1):147-50 **(Rus)**

[Mechanisms of correcting acid-base, ionic and osmotic homeostasis in a heart-lung preparation with inclusion of isolated kidneys] Barinov EF, et al. **Fiziol Zh** 1985 May-Jun;31(3):291-6 (Eng. Abstr.) **(Rus)**

[Kidney reaction to an increase in extracellular fluid volume in adrenoreceptor blockage] Petriuk AE **Fiziol Zh** 1984 Nov-Dec;30(6):736-9 **(Rus)**

[Water-electrolyte balance and functional state of the kidneys in cosmonauts after a 185-day space flight] Grigor'ev AI, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):21-7 (Eng. Abstr.) **(Rus)**

[Effect of functional loading on the operation of the active transport system for organic acids in the proximal kidney tubules of rats after unilateral nephrectomy and in the early postnatal period] Rebane EN, et al. **Tsitologiia** 1984 Oct; 26(10):1199-203 (Eng. Abstr.) **(Rus)**

[Participation of the kidney in changes in the fibrinolytic system during electroshock] Andreenko GV, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):39-42 (Eng. Abstr.) **(Rus)**

[Intracellular calcium and renal function] del Río Vázquez A. **Med Clin (Barc)** 1985 Jun 22;85(4):145-50 **(Spa)**

PHYSIOPATHOLOGY

Renal function and renal haemodynamics before and after 7 years' antihypertensive treatment in men with primary hypertension. Ljungman S, et al. **Acta Med Scand [Suppl]** 1985;693:89-92

Clinical course and renal function in minimal change nephrotic syndrome. Bohlin AB. **Acta Paediatr Scand** 1984 Sep;73(5):631-6

Lithium, cyclic AMP and renal pathophysiology. Dousa TP, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:180-9

Renal haemodynamics in chronic unilateral ureteral obstruction in the dog. Bálint P, et al. **Acta Physiol Hung** 1985;65(4):407-14

Ultrasonographic renal parenchymal volume related to kidney function and renal parenchymal area in children with recurrent urinary tract infections and asymptomatic bacteriuria. Troell S, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):411-6

Changes in PGE2 urinary excretion and renal function in coronary heart disease. Bernardi P, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:89-91

Role of prostaglandins in the renal handling of a salt load in essential hypertension. Trimarco B, et al. **Am J Cardiol** 1985 Jan 1;55(1):116-21

Renal adaptation to extrauterine life in patients with respiratory distress syndrome. Costarino AT, et al. **Am J Dis Child** 1985 Oct;139(10):1060-3

Renal-nonresponsive, bone-responsive pseudohypoparathyroidism. A case with normal vitamin D metabolite levels and clinical features of rickets. Dabbagh S, et al. **Am J Dis Child** 1984 Nov;138(11):1030-3

Vitamin D replacement therapy and renal function. Calcitriol v dihydrotachysterol. Hymes LC, et al. **Am J Dis Child** 1984 Dec;138(12):1125-8

Hypertension and the kidney. Proceedings of a symposium. New York, New York, March 30-31, 1984. **Am J Kidney Dis** 1985 Apr;5(4):A1-143

The kidney in the pathogenesis of hypertension: the role of sodium. Haddy FJ, et al. **Am J Kidney Dis** 1985 Apr; 5(4):A5-13 (102 ref.)

The kidney in the pathogenesis of hypertension. A prologue. Hollenberg NK. **Am J Kidney Dis** 1985 Apr;5(4):A2-4

Water intoxication in a psychotic patient with normal renal water excretion. Gillum DM, et al. **Am J Med** 1984 Oct; 77(4):773-4

The kidney and strategies for the treatment of hypertension. Hollenberg NK. **Am J Med** 1984 Oct 5;77(4A):60-3 (33 ref.)

Changes in anatomy, glomerular filtration, and solute excretion in aging rat kidney. Corman B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R282-7

Substrate support for renal functions during hypoxia in the perfused rat kidney. Gronow GH, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F618-31

Renal handling of phosphate during acute respiratory acidosis and alkalosis in the rat. Haramati A, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F596-601

Renal responses to hypoxemia during renin-angiotensin system inhibition in fetal lambs. Nakamura KT, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R116-24

Upper urinary tract compliance: its importance in obstructive hydronephrosis. Bullock KN, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):585-9

Critical perfusion pressure for renal function in patients with bilateral atherosclerotic renal vascular disease. Textor SC, et al. **Ann Intern Med** 1985 Mar;102(3):308-14

Retrieval of renal function by revascularization. Study of preoperative outcome predictors. Dean RH, et al. **Ann Surg** 1985 Sep;202(3):367-75

Lack of evidence for interaction between tobramycin and shock in their effect on renal function. Ambinder RF, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):217-9

Renal function in diabetes mellitus. Davies AG, et al. **Arch Dis Child** 1985 Apr;60(4):299-304

Acute deterioration in renal function in patients with preexisting renal insufficiency [clinical conference] First MR, et al. **Arch Intern Med** 1984 Nov;144(11):2233-8

Serum creatinine as an indicator of renal function after spinal cord injury. Kuhlemeier KV, et al. **Arch Phys Med Rehabil** 1984 Nov;65(11):694-7

Renal PGs in essential hypertension; the role of water-electrolyte shifts in their metabolism. Nekrasova AA, et al. **Biomed Biochim Acta** 1984;43(8-9):S251-4

Hyperuricaemia, gout and kidney function in New Zealand Maori men. Gibson T, et al. **Br J Rheumatol** 1984 Nov; 23(4):276-82

Diuresis and renal functional recovery in chronic retention. Bishop MC. **Br J Urol** 1985 Feb;57(1):1-5

A comparison between diuresis renography and the Whitaker test in 64 kidneys. Hay AM, et al. **Br J Urol** 1984 Dec; 56(6):561-4

Quantitative assessment of individual renal function. A comparison between creatinine excretion and a radionuclide method. Larsson I, et al. **Br J Urol** 1984 Apr; 56(2):109-12

Homeostatic alterations with major trauma. Renal responses and sequelae. Bevan DR. **Can Anaesth Soc J** 1985 May; 32(3 Pt 1):242-3

Renal response to hemorrhage in dogs with subacute biliary obstruction. Levy M, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):96-100

Renal function in old age and uncomplicated benign essential hypertension. Goonaratna CF, et al. **Ceylon Med J** 1984 Mar;29(1):27-36

Role of angiotensin II in the altered renal function of congestive heart failure. Ichikawa I, et al. **Circ Res** 1984 Nov;55(5):669-75

The natural history of renal function in untreated idiopathic membranous glomerulonephritis in adults. Davison AM, et al. **Clin Nephrol** 1984 Aug;22(2):61-7

Decreased filtration fraction during active proliferative lupus nephritis: relation to disease activity and reversibility of renal function. Kallenberg CG, et al. **Clin Nephrol** 1984 Nov;22(5):223-9

Haemodynamic and endocrine responses of the kidney to frusemide in mild essential hypertension. Mackay IG, et al. **Clin Sci** 1985 Feb;68(2):159-64

Edema formation in the nephrotic syndrome. Dorhout Mees EJ. **Contrib Nephrol** 1984;43:64-75 (26 ref.)

Total effective vascular compliance and renal filtration fraction in normotensive subjects and essential hypertensive patients. London GM, et al. **Contrib Nephrol** 1984; 41:199-208

The effect of dietary sodium loading on the kinetics of sodium excretion and blood pressure regulation in essential hypertensive men. Manitius J, et al. **Cor Vasa** 1985; 27(1):29-35

Renal and cardiovascular effects of hibernation and hypothermia. Zatzman ML. **Cryobiology** 1984 Dec; 21(6):593-614 (108 ref.)

On the pathogenesis of the increased glomerular filtration rate in short-term insulin-dependent diabetes. Christiansen JS. **Dan Med Bull** 1984 Oct;31(5):349-61 (105 ref.)

Defective renal water excretion in nephrotic syndrome: the relationship between renal water excretion and kidney function, arginine vasopressin, angiotensin II and aldosterone in plasma before and after oral water loading. Pedersen EB, et al. **Eur J Clin Invest** 1985 Feb;15(1):24-9

Renal perfusion in chronic liver diseases: evaluation by radiotechnetium renography. Fanfani G, et al. **Eur J Nucl Med** 1985;10(7-8):317-20

Renal response to acute saline loading in Sabra hypertension-prone and -resistant rats. Mekler J, et al. **Experientia** 1985 Jul 15;41(7):923-4

Acute effects of captopril on systemic and renal hemodynamics and on renal function in cirrhotic patients with ascites. Pariente EA, et al. **Gastroenterology** 1985 May; 88(5 Pt 1):1255-9

Consequences of structural renovascular changes for renal barostat function. Folkow B, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 2):III100-2

Renal functional status in leprosy. Kanwar AJ, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):595-9

The effect of anesthesia and surgery on renal function. Halperin BD, et al. **Int Anesthesiol Clin** 1984 Spring; 22(1):157-68 (48 ref.)

The role of the kidney in fluid, electrolyte, and acid-base disorders. Kliger AS. **Int Anesthesiol Clin** 1984 Spring; 22(1):65-82

Respiratory support and renal function. Priebe HJ, et al. **Int Anesthesiol Clin** 1984 Spring;22(1):203-26 (117 ref.)

Experimental acute renal artery stenosis. Dynamic CT and renal perfusion. Probst P, et al. **Invest Radiol** 1984 Mar-Apr;19(2):87-95

Roll of nuclear medicine in evaluating renal function in obstructive uropathy cases. Mahabatra GN, et al. **J Assoc Physicians India** 1985 Feb;33(2):159-61

Potassium loss and renal function. Luft FC. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S504-13

Central nervous system/renal interactions in pathogenesis of hypertension. Winternitz SR, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S522-7

Improved renal function after renal artery revascularization. Sicard GA, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr; 26(2):157-61

Standardization of radiorenography in dehydrated and rehydrated primates under laboratory conditions. Dormehl IC, et al. **J Med Primatol** 1983;12(2):68-76

Assessment of glomerular filtration rate and effective renal plasma flow in cystic fibrosis. Spino M, et al. **J Pediatr** 1985 Jul;107(1):64-70

Hemodynamic roles of thromboxane A2 and prostaglandin E2 in glomerulonephritis. Stork JE, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):672-8

Nephrectomy enhances alcohol-induced hypoglycemia in fasted rats. Masur J, et al. **J Stud Alcohol** 1984 Jul; 45(4):369-71

Long-term followup of renal function after spinal cord injury. Kuhlemeier KV, et al. **J Urol** 1985 Sep;134(3):510-3

Renal function in children after large dose contrast medium angiocardiography. Kashani IA, et al. **Jpn Heart J** 1985 May;26(3):451-6

A possible role of gonad and renal prostaglandin E2 on the development of hypertension in spontaneously hypertensive rats. Matsudaira T, et al. **Jpn J Pharmacol** 1985 Jan;37(1):51-7

Diabetic ketoacidosis: role of the kidney in the acid-base homeostasis re-evaluated. Adrogué HJ, et al. **Kidney Int** 1984 Apr;25(4):591-8 (62 ref.)

Hypophosphaturia impairs the renal defense against metabolic acidosis. Hulter HN. **Kidney Int** 1984 Sep; 26(3):302-7

Systemic compliance, renal hemodynamics, and sodium excretion in hypertension. London GM, et al. **Kidney Int** 1984 Sep;26(3):342-50

Pathophysiological changes in rat kidneys with partial ureteral obstruction since infancy. Pettersson BA, et al. **Kidney Int** 1984 Aug;26(2):122-7

Relationship between red blood cell function, kidney function and blood pressure in genetic hypertension. Bianchi G, et al. **Klin Wochenschr** 1985;63 Suppl 3:59-60

Long-term effect of captopril on kidney function in various forms of hypertension. Vetter W, et al. **Klin Wochenschr** 1984 Aug 1;62(15):731-7

Humoral factors in the pathogenesis of primary hypertension. Zidek W, et al. **Klin Wochenschr** 1985;63 Suppl 3:94-6

Renal failure and the use of morphine in intensive care. Ball M, et al. **Lancet** 1985 Apr 6;1(8432):784-6

Impaired renal function and hypercalcaemia associated with etretinate [letter] Horber FF, et al. **Lancet** 1984 Nov 10; 2(8411):1093

Bleomycin pulmonary toxicity: its relationship to renal dysfunction. Dalgleish AG, et al. **Med Pediatr Oncol** 1984; 12(5):313-7

Effect of treatment with dihydrotachysterol on renal function in patients with chronic renal failure. Cordy PE, et al. **Miner Electrolyte Metab** 1984;10(5):281-5

Acute hypercapnic acidosis diminishes renal water excretion in conscious dogs. Rose CE Jr, et al. **Miner Electrolyte Metab** 1985;11(2):131-6

Sodium retention in nephrotic syndrome is due to an intrarenal defect: evidence from steroid-induced remission. Brown EA, et al. **Nephron** 1985;39(4):290-5

Effect of diets containing varying concentrations of essential fatty acids and triglycerides on renal function in uremic rats and NZB/NZW F1 mice. Hirschberg R, et al **Nephron** 1984;38(4):233-7

Assessment of cardiac and renal function in children immediately after open-heart surgery: the significance of a reduced radionuclide ejection fraction (postoperative ejection fraction). Covitz W, et al. **Pediatr Cardiol** 1984 Jul-Sep;5(3):167-73

A chick model for impaired renal function. Harvey RB, et al. **Poult Sci** 1984 Oct;63(10):1920-4

Effect of chronic infusion of synthetic atrial natriuretic factor (ANF 8-33) in conscious two-kidney, one-clip hypertensive rats. Garcia R, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):155-9

Multiple defects in the renin-angiotensin system in alloxan-diabetic kidney. Ho SC, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):297-303

Pressor and vascular responsiveness in renal prehypertensive rabbits with a nonfiltering kidney. Wells AM, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):24-32

Sex and age-related differences in the urinary excretion of TXB2 in normal human subjects: a possible pathophysiological role of TXA2 in the aged kidney. Chiba S, et al. **Prostaglandins Leukotrienes Med** 1984 Dec; 16(3):347-58

Renal function during lithium treatment. Waller DG, et al. **Q J Med** 1984 Summer;53(211):369-79

Function of the isolated spontaneously hypertensive rat kidney after blood pressure reduction. Steele TH, et al. **Renal Physiol** 1985;8(2):65-72

Cardio-renal responses to a stimulated gravity-free state induced by water immersion. Hong SK, et al **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:205-14

Impact of renal function on the myeloma staging [letter] Bladé J, et al. **Scand J Haematol** 1984 Oct;33(4):399-400

Reduction of blood loss by triglycyl-lysine-vasopressin during early excision of burns in pigs. Vernersson E, et al. **Scand J Plast Reconstr Surg** 1984;18(3):291-6

Triglycyl-lysine-vasopressin or lysine-vasopressin in early excision of burns. An experimental study comparing the effects on blood loss, hemodynamics and renal function. Vernersson E, et al. **Scand J Plast Reconstr Surg** 1984; 18(3):285-90

Renal function after urinary diversion. A study of continent caecal reservoir, ileal conduit and colonic conduit. Månsson W, et al. **Scand J Urol Nephrol** 1984;18(4):307-15

Acute effects of full urinary bladder and full caecal urinary reservoir on regional renal function. A study with scintillation camera renography. Månsson W, et al. **Scand J Urol Nephrol** 1984;18(4):299-306

Deterioration of renal function during angiotensin converting enzyme inhibition in hypertensive patients with a poorly functioning solitary kidney. Rasmussen S, et al. **Scand J Urol Nephrol** 1985;19(1):45-8

Studies on the glomerular filtration rate and extracellular fluid volume in rhesus monkeys infected with Plasmodium knowlesi. Areekul S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):364-70

Study of renovascular hypertension in rats: I. The role of the contralateral, non-clipped kidney in two-kidney, one-clip hypertension in rats. Matsushita K. **Tokai J Exp Clin Med** 1984 Oct;9(4):253-8

The renal hemodynamic consequences of experimental glomerulonephritis. Glassock RJ, et al. **Trans Am Clin Climatol Assoc** 1984;96:176-84

The effect of cyclosporine of renal function in newly diagnosed diabetics. Stiller CR, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):202-8

Cyclosporine-associated renal dysfunction in marrow transplant recipients. Yee GC, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):196-201

Water immersion and the kidney: implications for volume regulation. Epstein M. **Undersea Biomed Res** 1984 Jun; 11(2):113-21

Cardiovascular and renal responses to head-out water immersion in canine model. Krasney JA, et al. **Undersea Biomed Res** 1984 Jun;11(2):169-83

Relationship between postoperative blood pressure change and renal pathophysiology in primary aldosteronism. Murayama T, et al. **Urol Int** 1984;39(5):264-9

[Clinical observations on the restoration of kidney function in patients with chronic nephritis treated with 'warming kidney' therapy--an analysis of 68 cases] Wang YJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):158-60, 131 (Eng. Abstr.) **(Chi)**

[Importance of ileo-renal reflux in ureterostomy using the Bricker method] Van Poppel H, et al. **Acta Urol Belg** 1984; 52(3):430-8 (Eng. Abstr.) **(Fre)**

[Urodynamic exploration of the upper urinary tract. III. Recovery of obstructed kidney function] Vela Navarrete R. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):225-30 (38 ref.) (Eng. Abstr.) **(Fre)**

[Artificial respiration and kidney function disorder--a vicious circle?] Steinhoff HH. **Anaesthesist** 1985 Apr;34(4):163-73 (83 ref.) (Eng. Abstr.) **(Ger)**

[Dopamine in the kidney: a further natriuretic hormone?] Unger T, et al. **Fortschr Med** 1985 Apr 11;103(14):357-60 (Eng. Abstr.) **(Ger)**

[Low-dose dopamine as an activator of renal catecholamine receptors of different classes. I. Studies in water-salt depletion] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1943-8 (Eng. Abstr.) **(Ita)**

[Low-dose dopamine as an activator of renal catecholamine receptors of different classes. II. Studies in water-saline depletion and associated adrenergic blockade] Agnoli GC, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1949-54 (Eng. Abstr.) **(Ita)**

[Urinary excretion of PGE2 and renal function in acute myocardial infarction] Bernardi P, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1827-32 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of renal function study using I-123 orthoiodohippurate (I-123 OIH) in patients with obstructive uropathy] Okada J, et al. **Kaku Igaku** 1984 Jun; 21(6):697-703 (Eng. Abstr.) **(Jpn)**

[Clinical significance of urinary N-acetyl-beta-D-glucosaminidase activities in surgery] Kamioka T. **Nippon Geka Gakkai Zasshi** 1985 Jun; 86(6):657-68 (Eng. Abstr.) **(Jpn)**

[Renal function studies in adult type polycystic kidney disease] Tago K. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1063-73 (Eng. Abstr.) **(Jpn)**

[Effects of 3 different angiotensin converting enzyme inhibitors, MK 421, SQ 14225 and SA 446 on renal function and blood pressure in patients with essential hypertension] Tajima J, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun; 26(6):779-89 (Eng. Abstr.) **(Jpn)**

[Membranoproliferative glomerulonephritis in pregnancy] Adamiec R, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):35-8 (Eng. Abstr.) **(Pol)**

[Effect of hemosorption on kidney function indices in burn patients] Kozinets GP, et al. **Klin Khir** 1985 Mar;(3):13-5 (Eng. Abstr.) **(Rus)**

[Hypotensive effect and kidney function in patients with atherosclerotic lesions of the renal arteries after surgical treatment] Pereverzev AS, et al. **Klin Khir** 1984 Dec; (12):3-5 (Eng. Abstr.) **(Rus)**

[Functional state of the kidneys after surgical treatment of acute cholecystitis] Platunov VD, et al. **Klin Med (Mosk)** 1985 Jun;63(6):107-10 (Eng. Abstr.) **(Rus)**

[Renal functions in inflammatory kidney diseases] Ratner MY, et al. **Klin Med (Mosk)** 1985 Jan;63(1):82-6 (Eng. Abstr.) **(Rus)**

[Clinico-functional manifestations of the rejection of a kidney allograft] Timilina NA. **Klin Med (Mosk)** 1985 Apr; 63(4):91-6 (Eng. Abstr.) **(Rus)**

[Water-salt metabolism and kidney function in chronic opisthorchiasis patients] Gapon LI. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):74-6 (Eng. Abstr.) **(Rus)**

[The osmoregulatory function of the kidneys in chronic nephritis] Gozhenko AI, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):57-60 (Eng. Abstr.) **(Rus)**

[Acid-regulating function of the kidneys in the dynamics of experimental nephritis in rats] Kokoshchuk GI, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):9-12 (Eng. Abstr.) **(Rus)**

[Liver and kidney functions in patients with pulmonary tuberculosis] Starova NM. **Probl Tuberk** 1985;(1):53-7 (Eng. Abstr.) **(Rus)**

[Disorders of kidney function in myocardial infarction] Gaidamakina NE, et al. **Sov Med** 1985;(3):9-12 (Eng. Abstr.) **(Rus)**

[Achievements and problems in nephrology] Borisov IA, et al. **Ter Arkh** 1984;56(7):3-10 **(Rus)**

[Hypotensive effect of nephrectomy in malignant renal hypertension and the function of the remaining kidney at late follow-up] Rustamova MT, et al. **Ter Arkh** 1984; 56(9):37-40 (Eng. Abstr.) **(Rus)**

[Diagnosis of the functional reversibility of chronic obstructive nephropathy] Dzhafarova MA, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):7-13 (Eng. Abstr.) **(Rus)**

[Function of the kidneys and urinary tract after surgical treatment of sclerosis of the prostate gland] Karpenko VS, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):29-34 (Eng. Abstr.) **(Rus)**

[Renal function in unilateral atherosclerotic renal artery stenosis] Pereberzev AS, et al. **Vrach Delo** 1985 Jan; (1):88-92 (Eng. Abstr.) **(Rus)**

[Changes in renal function and the intracellular environment in cirrhotic patients] Tiberio López G, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):367-78 (135 ref.) (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

The RBE for renal damage after irradiation with 3 MeV neutrons. Stewart FA, et al. **Br J Radiol** 1984 Nov; 57(683):1009-21

Fraction size, dose and time dependence of X ray induced late renal injury. Jordan SW, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1095-101

Unilateral radiation nephropathy--the long-term significance. Kim TH, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2053-9

Computer-assisted morphometric analysis of late renal radiation injury. Jordan SW, et al. **Monogr Clin Cytol** 1984; 9:117-47

Radiation therapy of lymphoblastic renal masses--benefit or hazard? Saarinen UM. **Radiology** 1985 May;155(2):511-2

The influence of overall treatment time on renal injury after multifraction irradiation. Williams MV, et al. **Radiother Oncol** 1985 Aug;4(1):87-96

Radiation induced renal damage in mice: influence of overall treatment time. Williams MV, et al. **Radiother Oncol** 1984 Mar;1(4):355-67

The beneficial effect of dietary protein restriction on radiation nephropathy. Yatvin MB, et al. **Strahlentherapie** 1984 Dec;160(12):707-14

[Action of ultraviolet radiation on the sorption properties of liver, kidney and heart tissues] Aliverdiev AA. **Biol Nauki** 1984;(8):51-4 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Increased kidney size following renal angioplasty. A 'new' observation. Ekelund L. **Acta Radiol [Diagn] (Stockh)** 1984; 25(5):401-5

The segmental nephrogram. Dyer R, et al. **AJR** 1985 Aug; 145(2):321-2

CT of retrorenal fluid collections. Love L, et al. **AJR** 1985 Jul;145(1):87-91

Pneumopyelography: an adjunct to percutaneous nephrostomy and nephrolithotomy. Ricketts HJ, et al. **AJR** 1984 Nov;143(5):1093-5

Emphysematous pyelonephritis. Shah BN, et al. **Br J Urol** 1984 Oct;56(5):548-9

Localization and protection of kidneys in radiation treatment planning using computed tomography. Vigneri P, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1209-13

A computerized method for the measurement of conspicuity. Comparison of film and digital nephrograms. Seeley GW, et al. **Invest Radiol** 1984 Nov-Dec;19(6):583-6

Perirenal cobwebs: the expanding CT differential diagnosis. Feuerstein IM, et al. **J Comput Assist Tomogr** 1984 Dec; 8(6):1128-30

Xenon/CT blood flow mapping of the kidney and liver. Gur D, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1124-7

The retrorenal colon on computed tomography: a normal variant. Sherman JL, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):339-41

Delayed appearance of an intra-thoracic kidney. Usta HY, et al. **Pediatr Radiol** 1984;14(6):449-50

Persistent wedge-shaped contrast enhancement of the kidney. Ishikawa I, et al. **Urol Radiol** 1985;7(1):45-7

[Comparative clinical x-ray, radioisotope nephrographic and ultrasonic studies of chronic pyelonephritis patients] Gruev I, et al. **Vutr Boles** 1985;24(3):39-47 (Eng. Abstr.) **(Bul)**

[Changes in the size of the pancreas and kidneys in type I diabetics detected by computer tomography] Bruna J, et al. **Cesk Radiol** 1985 Jan;39(1):9-13 (Eng. Abstr.) **(Cze)**

[Evaluation of kidney size using computer tomography--the renovertebral index] Bruna J. **Cesk Radiol** 1985 Mar; 39(2):90-2 (Eng. Abstr.) **(Cze)**

[Urinary alanine aminopeptidase excretion in children: reference values and effect of nephrotropic contrast media] Klingmüller V, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):787-9 (Eng. Abstr.) **(Ger)**

[Renal imaging diagnosis by computed tomography] Nishitani H. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25;44(8):1044-61 (Eng. Abstr.) **(Jpn)**

[Roentgenological evaluation of the urinary tract in children after surgical treatment of subpelvic ureteral stenosis by the Hynes-Anderson method] Gruchalska E, et al. **Pol Przegl Radiol (Warszawa)** 1984 Sep-Oct;48(5):295-9 (Eng. Abstr.) **(Pol)**

[Chyluria in the lymphographic image] Staniaszczyk R, et al. **Pol Przegl Radiol (Warszawa)** 1984 Sep-Oct;48(5):317-9 (Eng. Abstr.) **(Pol)**

[Lipomatosis of the renal sinus (differential diagnosis using computerized tomography] Kishkovskiĭ AN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):87-90 (Eng. Abstr.) **(Rus)**

[Foreign body of the kidney in a child] Astakhov VV. **Vestn Khir** 1985 Apr;134(4):102 **(Rus)**

RADIONUCLIDE IMAGING

Appraisal of lupus nephritis by renal imaging with gallium-67. Bakir AA, et al. **Am J Med** 1985 Aug; 79(2):175-82

The widened renal fossa sign on liver-spleen scintigraphy and adrenal disease. Moreno AJ, et al. **Arch Intern Med** 1984 Dec;144(12):2355-6

Unsuspected bilateral pleural effusions on a renal scan. Bates HR, et al. **Clin Nucl Med** 1985 Jun;10(6):434-5

Kidney depth measurement and its influence on quantitation of function from gamma camera renography. Gruenewald SM, et al. **Clin Nucl Med** 1985 Jun;10(6):398-401

Evaluation of renal angioplasty by quantitative renal scanning. Gupta S, et al. **Clin Nucl Med** 1985 May; 10(5):380-4

Primer and atlas for renal transplant scintigraphy (flow, Tc-99m DTPA, I-131 Hippuran). Manier SM, et al. **Clin Nucl Med** 1985 Jan;10(1):52-62

Myoglobinuria with acute renal failure and hot kidneys seen on bone imaging. Sheth KJ, et al. **Clin Nucl Med** 1984 Sep;9(9):498-501

Delayed images of glucoheptonate distribution after renal transplant. Stratemeier EJ, et al. **Clin Nucl Med** 1985 May; 10(5):357-60

Renal and hepatic scintigraphy in paroxysmal nocturnal hemoglobinuria (PNH). Wilansky DL, et al. **Clin Nucl Med** 1985 May;10(5):369-71

Renal gammagraphy with 99mTc-phosphomycin. de Lima JJ, et al. **Eur J Nucl Med** 1985;10(3-4):134-7

Measurement of glomerular filtration rate using 99mTc-DTPA and the gamma camera: a comparison of methods. Russell CD, et al. **Eur J Nucl Med** 1985; 10(11-12):519-21

Lung and renal uptake of technetium Tc 99m sulphur colloid related to disseminated intravascular coagulation. Teertstra HJ, et al. **Eur J Nucl Med** 1985;10(1-2):13-6

Synthesis and purification of sodium [11C]benzoate for physiological and metabolic studies: evaluation in a tumor-bearing dog. Conti PS, et al. **Int J Nucl Med Biol** 1984;11(2):179-83

2,3-Dimercaptosuccinic-acid chelates--1. Structure and pharmacokinetic studies. Moretti JL, et al. **Int J Nucl Med Biol** 1984;11(3-4):270-4

2,3-Dimercaptosuccinic-acid chelates--2. Renal localization. Moretti JL, et al. **Int J Nucl Med Biol** 1984;11(3-4):275-9

Technetium-99m-labeled p-aminohippuric acid analog: a new renal agent: concise communication. Chervu LR, et al. **J Nucl Med** 1984 Oct;25(10):1111-5

Quantitative evaluation of differential renal function: a new approach. Harpen MD, et al. **J Nucl Med** 1985 Jun; 26(6):647-9

Superscan prediction--another benefit of early renal views in bone scans [letter] Kajubi SK, et al. **J Nucl Med** 1985 Apr;26(4):428-9

Effect of hydration and dehydration on technetium-99m CO2 DADS renal studies in normal volunteers. Klingensmith WC 3d, et al. **J Nucl Med** 1985 Aug;26(8):875-9

Technetium-99m DADS complexes as renal function and imaging agents: II. Biological comparison with iodine-131 hippuran. McAfee JG, et al. **J Nucl Med** 1985 Apr; 26(4):375-84

Delayed renal visualization during hepatobiliary scintigraphy [letter] Moreno AJ, et al. **J Nucl Med** 1985 May;26(5):551-2

Technetium-99m DTPA renal flow studies in Goldblatt hypertension. Nally JV, et al. **J Nucl Med** 1985 Aug; 26(8):917-24

Glomerular filtration rate measurements with a CdTe detector system in patients undergoing renal scintigraphy. Thirimurthi K, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec; 28(4):245-50

Renal parenchymal appearance on 123iodine-hippurate renoscintigrams and excretory urograms. Nielsen JB, et al. **J Urol** 1985 Feb;133(2):179-82

99Tcm-TDG renography with deconvolution analysis: a comparative study with 99Tcm-DTPA and 123I-hippuran. Bevis CR, et al. **Nucl Med Commun** 1984 Aug;5(8):513-7

The determination of relative renal function by optical densitometry. Hastings DL, et al. **Nucl Med Commun** 1984 Mar;5(3):145-51

Diuresis renography and parenchymal transit times in the assessment of renal pelvic dilatation. Lupton EW, et al. **Nucl Med Commun** 1984 Jul;5(7):451-9

Preparation, quality control and application of 99mTc-gluco-ene-diolate for renal scanning. Shafiq YF, et al. **Nuklearmedizin** 1985 Apr;24(2):93-5

Clinical evaluation of 99mTc-DMSA renogram. Van Poppel H, et al. **Urology** 1985 Apr;25(4):413-7

[Scintigraphic study of the kidneys with a 99m Tc-ascorbic complex in chronic pyelonephritis patients] Mlŭchkov Kh, et al. **Vutr Boles** 1985;24(1):62-9 (Eng. Abstr.) **(Bul)**

[Radioisotopes in the exploration of upper urinary tract obstruction] Baillet G, et al. **J Urol (Paris)** 1984; 90(6):419-26 (Eng. Abstr.) **(Fre)**

[99mTc aprotinin in the individual study of renal parenchymal morphology and function in pediatric urology] Chiari G, et al. **Minerva Pediatr** 1985 May 15; 37(9):323-5 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of dynamic renoscintigraphy using 99mTc-DTPA in practical urology. I. Diagnosis of ureteral calculi, cystic kidney and hydronephrosis] Washida H, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1029-38 (Eng. Abstr.) **(Jpn)**

[A digital simulation method for analyzing renal function by using 99mTc-DMSA] Ishine M. **Kaku Igaku** 1984 Oct; 21(10):1315-22 (Eng. Abstr.) **(Jpn)**

[Renal radioisotope accumulation in 67Ga-citrate scintigraphy] Jinnouchi S, et al. **Kaku Igaku** 1984 May; 21(5):419-25 (Eng. Abstr.) **(Jpn)**

[Necessity of oblique views in detecting space occupying lesions by kidney scintigraphy] Takayama T, et al. **Kaku Igaku** 1984 Nov;21(11):1495-501 **(Jpn)**

[Studies on reflux nephropathy II. Evaluation of renal function by 99mTc-DMSA renal scintigraphy] Konda R, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct; 75(10):1602-10 (Eng. Abstr.) **(Jpn)**

[Radioisotope split renal function and diuretic renogram in the surgical management of pelvo-ureteral junction] Nonomura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):654-64 (Eng. Abstr.) **(Jpn)**

[Bladder image in the renoscintigram] off Egawa S, et al. **Radioisotopes** 1984 Oct;33(10):702-5 (Eng. Abstr.) **(Jpn)**

[Absent kidney sign in the bone scintigraphy] Odano I, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1453-4 **(Jpn)**

[Use of dynamic scintigraphy, x-ray computed tomography, ultrasonic scanning of the kidneys and determination of the enzyme activity and beta 2-microglobulin levels of the blood and urine of arterial hypertension patients] Arabidze GG, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):9-16 (Eng. Abstr.) **(Rus)**

[Dynamic scintigraphy of the kidneys during chronic pyelonephritis in patients with arterial hypertension] Kramer AA, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):32-9 (Eng. Abstr.) **(Rus)**

[Nephroscintigraphy in the diagnosis of acute pyelonephritis] Mil'ko VI, et al. **Vrach Delo** 1984 Sep;(9):46-9 (Eng. Abstr.) **(Rus)**

[Diagnostic contribution of nuclear medicine methods in congenital anomalies of the kidney] Sedlak V, et al. **Med Pregl** 1984;37(3-4):121-5 (Eng. Abstr.) **(Scr)**

SECRETION

Thrombolytic properties of an inactive proenzyme form of human urokinase secreted from human kidney cells. Kasai S, et al. **Cell Struct Funct** 1985 Jun;10(2):151-9

Mechanism of effect of dibutyryl cyclic adenosine 3',5'-monophosphate on canine renal renin release. Bondar N, et al. **J Physiol (Lond)** 1984 Oct;355:33-41

Central neuroendocrine regulation of renin secretion rate: a hypothesis. Weekley LB. **J Theor Biol** 1984 Dec 7; 111(3):609-13

Identification of a voltage-dependent anion channel in the apical membrane of a Cl(-)-secretory epithelium (MDCK). Kolb HA, et al. **Pflugers Arch** 1985 Mar;403(3):262-5

Renin release from nonclipped kidneys of 2K-1C hypertensive rats. Dietz JR. **Proc Soc Exp Biol Med** 1985 Jun;179(2):147-54

Adrenergic effects on renal secretion of epidermal growth factor in the rat. Skov Olsen P, et al. **Regul Pept** 1985 May;11(1):17-25

[Renal prostaglandins in patients with primary arterial hypertension] Ignatowska-Switalska H. **Pol Arch Med Wewn** 1984 Oct;72(4):159-66 (Eng. Abstr.) **(Pol)**

[The kidney as an endocrine organ. I. Renin-angiotensin and kallikrein-kinin systems and renal prostaglandins] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):313-20 **(Pol)**

[The kidney as an endocrine organ. II. Active vitamin D metabolites, the natriuretic factor and erythropoietin] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):321-4 **(Pol)**

[Changes in endocrine function of the kidneys in patients with stable hypertension after infusion of prostaglandins E] Nekrasova AA, et al. **Ter Arkh** 1984;56(7):89-93 (Eng. Abstr.) **(Rus)**

SURGERY

Autotransplantation of pancreatic islet cell fragments into the renal capsule prepared without collagenase. Toledo-Pereyra LH, et al. **Am Surg** 1984 Dec; 50(12):679-81

Management of the posterior peritoneum after transperitoneal renal surgery. Cieślik R, et al. **Br J Urol** 1985 Jun; 57(3):279-80

Reaction of bone marrow after cryo- and thermolesions on internal organs. Helpap B, et al. **Cryobiology** 1985 Apr; 22(2):168-74

Organ-preserving surgery in renal cell carcinoma: tumor enucleation versus partial kidney resection. Rosenthal CL, et al. **Eur Urol** 1984;10(4):222-8

Pyeloplastic surgery in the presence of suppurative pyelonephritis. Szokoly V, et al. **Int Urol Nephrol** 1985; 17(1):15-21

Extracorporeal replacement of the renal artery: techniques, indications and long-term results. Dubernard JM, et al. **J Urol** 1985 Jan;133(1):13-6

The use of topical vasodilators as an adjunct in infant renal surgery. Gearhart JP, et al. **J Urol** 1985 Aug;134(2):298-300

The re-entry nephrostomy catheter for endourological applications. Khasidy LR, et al. **J Urol** 1985 Feb; 133(2):165-6

Effect of percutaneous nephrostolithotomy on renal function. Mayo ME, et al. **J Urol** 1985 Feb;133(2):167-9

Percutaneous removal of renal and ureteral calculi: experience with 400 cases. Reddy PK, et al. **J Urol** 1985 Oct;134(4):662-5

The eleventh rib transcostal incision: technique for an extrapleural approach. Riehle RA Jr, et al. **J Urol** 1984 Dec;132(6):1089-92

Treatment of renal cell carcinoma by in situ partial nephrectomy and extracorporeal operation with autotransplantation. Zincke H, et al. **Mayo Clin Proc** 1985 Oct;60(10):651-62

Comparison of saphir infrared coagulation and YAG-laser in the surgery of parenchymatous organs: an experimental study. van der Werken C, et al. **Neth J Surg** 1984 Oct; 36(5):130-3

An extrapleural approach with rib removal for the eleventh rib flank incision. Riehle RA Jr, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):276-9

Kidney recovery from the multiple organ donor. Rosenthal JT. **Urol Clin North Am** 1985 Aug;12(3):571-8

Subperiosteal rib-saving approach to kidney. Dalton JR. **Urology** 1984 Dec;24(6):564-6

Use of the Cavitron in renal surgery [letter] Hayes JM. **Urology** 1985 Jul;26(1):97-8

Combined retrograde and antegrade manipulations for percutaneous nephrolithotomy of ureteric calculi: 'push-pull' technique. Kellett MJ, et al. **Urology** 1985 Apr; 25(4):391-2

Percutaneous nephrolithotomy. With emphasis on large renal stones. Nishimura T, et al. **Urology** 1985 Aug;26(2):143-8

Clinical experience with carbon dioxide laser in renal surgery. Rosemberg SK. **Urology** 1985 Feb;25(2):115-8

Palliative nephrostomy [letter] Sharp J. **Urology** 1984 Oct; 24(4):419

[Effects of acupuncture electrostimulation on intra- and postoperative analgesia in renal surgery. Preliminary comparative study] Lefèvre J, et al. **Agressologie** 1984 Nov; 25(11):1231-6 (Eng. Abstr.) **(Fre)**

[Posterior vertical lumbotomy. Its value in surgery of the kidney] Aubert J, et al. **J Urol (Paris)** 1984;90(7):483-6 (Eng. Abstr.) **(Fre)**

[The anterior and transperitoneal approach in the surgery of the kidney and ureter] Rognon LM, et al. **J Urol (Paris)** 1985;91(4):201-9 (Eng. Abstr.) **(Fre)**

[Acute nontraumatic obstructions of the renal artery] Lacombe M. **Presse Med** 1984 Nov 10;13(40):2425-8 (Eng. Abstr.) **(Fre)**

[Clinical and morphologic aspects of balloon catheter nephrostomy] Oehler D, et al. **Z Urol Nephrol** 1985 Mar; 78(3):137-43 (Eng. Abstr.) **(Ger)**

[Morphofunctional condition of kidney after disruption of its lymphatic drainage] Sapin MR, et al. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):68-76 (Eng. Abstr.) **(Rus)**

[Organ-saving operations in renal tuberculosis] Shapiro AL. **Probl Tuberk** 1984 Jul;(7):41-3 (Eng. Abstr.) **(Rus)**

[Nephropexy using a renal fascia flap] Klepikov FA. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):18-22 (Eng. Abstr.) **(Rus)**

[Use of a stent in surgical procedures on the kidney and urinary tract] Lopatkin NA, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):3-7 (Eng. Abstr.) **(Rus)**

[Role of leukocytic factors in the pathogenesis of complications following surgical procedures on the kidneys and prostate gland] Ukhal'MI. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):70-2 (67 ref.) **(Rus)**

[Comparative evaluation of nephrotomy methods] Pulatov AT, et al. **Vestn Khir** 1984 Sep;133(9):103-7 (Eng. Abstr.) **(Rus)**

[Repair of the upper urinary tract with a flap from the renal capsule] Esclarin Duny M, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):415-8 (Eng. Abstr.) **(Spa)**

TRANSPLANTATION

Cervical carcinoma in situ associated with azathioprine therapy. A case report and literature review. Balachandran I, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec; 28(6):699-702

Nonicteric liver damage with a gamma-glutamyl transpeptidase level of 5,609 units/l in a renal-transplant recipient receiving azathioprine. Watanabe A, et al. **Acta Med Okayama** 1984 Dec;38(6):533-9

Survival in end-stage diabetic renal disease. A prospective study of 100 kidney transplant patients. Larsson O, et al. **Acta Med Scand** 1984;216(4):393-402

Volume changes in polycystic kidneys during chronic dialysis and after renal transplantation. Thaysen JH, et al. **Acta Med Scand** 1985;217(2):197-204

Renal allografts with glomerulonephritic change and proteinuria. Wakabayashi T, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1017-30

Circulating immune complexes and complement breakdown product C3d in glomerulonephritis and kidney transplantation. Sølling J. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug; 92(4):213-20

Ultrasonography in complications of renal transplantation. Hildell J, et al. **Acta Radiol [Diagn] (Stockh)** 1984; 25(4):299-304

Filling of the central intrarenal veins during retrograde pyelography following a recent kidney transplantation. Report of a case. Thomsen HS. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):209-11

Subtraction nephrotomography during urography of transplanted kidneys. Thomsen HS, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(6):495-500

Two different primary lung malignancies after a successful kidney transplantation. Forslund T, et al. **Acta Radiol [Oncol]** 1984;23(6):411-4

Bone remodelling after renal transplantation (RT). Bonomini V, et al. **Adv Exp Med Biol** 1984;178:207-16

Therapeutic use of monoclonal antibodies in kidney transplantation. Kreis H, et al. **Adv Nephrol** 1985; 14:389-407

Magnetic resonance imaging of renal transplants. Geisinger MA, et al. **AJR** 1984 Dec;143(6):1229-34

Intraarterial digital subtraction angiography of renal transplants. Picus D, et al. **AJR** 1985 Jul;145(1):93-6

Colonic perforation in renal transplant patients. Puglisi BS, et al. **AJR** 1985 Sep;145(3):555-8

Hypertension after renal transplantation. Curtis JJ. **Ala J Med Sci** 1984 Oct;21(4):412-5

Deteriorating neurologic function in a 28-year-old renal transplant recipient [clinical conference] Garcia JH, et al.

Ala J Med Sci 1985 Apr;22(2):208-14

Widely disseminated Cunninghamella mucormycosis in an adult renal transplant patient: case report and review of the literature. Kolbeck PC, et al. **Am J Clin Pathol** 1985 Jun;83(6):747-53

Examination of parameters influencing the benefit:detriment ratio of cyclosporine in renal transplantation. The Canadian Transplant Study Group. **Am J Kidney Dis** 1985 Jun; 5(6):328-32

Urinary albumin excretion after donor nephrectomy. Bertolatus JA, et al. **Am J Kidney Dis** 1985 Mar;5(3):165-9

Urinothorax as a manifestation of nondilated obstructive uropathy following renal transplantation. Carcillo J Jr, et al. **Am J Kidney Dis** 1985 Mar;5(3):211-3

Sodium-losing nephropathy and nephrocalcinosis after transplantation. Ferguson RK, et al. **Am J Kidney Dis** 1985 Mar;5(3):206-10

Cyclosporine in renal transplantation: a single institutional experience. Ferguson RM, et al. **Am J Kidney Dis** 1985 Jun;5(6):296-306

Cyclosporine-steroid combination therapy in 84 cadaveric renal transplants. Gordon RD, et al. **Am J Kidney Dis** 1985 Jun;5(6):307-12

Protein catabolism during the postoperative course after renal transplantation. Hoy WE, et al. **Am J Kidney Dis** 1985 Mar;5(3):186-90

Impact of cyclosporine on cadaveric renal transplantation: a summary statement. Hunsicker LG. **Am J Kidney Dis** 1985 Jun;5(6):335-41

Myelodysplasia in cadaver renal allografts: a report of four cases. Ihle BU, et al. **Am J Kidney Dis** 1985 May;5(5):251-7

Impact of cyclosporine on renal transplant practice at the University of Texas Medical School at Houston. Kahan BD, et al. **Am J Kidney Dis** 1985 Jun;5(6):288-95

Mechanisms of posttransplant hypertension. Luke RG, et al. **Am J Kidney Dis** 1985 Apr;5(4):A79-84

Posttransplant risks of cyclosporine: Nephrotoxicity. Luke RG, et al. **Am J Kidney Dis** 1985 Jun;5(6):342-3

Clinical experience with cyclosporine and azathioprine at Brigham and Women's Hospital. Milford EL, et al. **Am J Kidney Dis** 1985 Jun;5(6):313-7

Transplantation versus dialysis in diabetic patients with renal failure. Parfrey PS, et al. **Am J Kidney Dis** 1985 Feb; 5(2):112-6

Costs and benefits of cyclosporine therapy in renal transplantation. Rettig RA, et al. **Am J Kidney Dis** 1985 Jun;5(6):344-6

Occasions for cyclosporine in the management of various renal transplant situations. Salvatierra O Jr. **Am J Kidney Dis** 1985 Jun;5(6):333-4

Comparison of quality of life of patients on continuous ambulatory peritoneal dialysis, hemodialysis, and after transplantation. Simmons RG, et al. **Am J Kidney Dis** 1984 Nov;4(3):253-5

Results of the Minnesota randomized prospective trial of cyclosporine versus azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients. Sutherland DE, et al. **Am J Kidney Dis** 1985 Jun; 5(6):318-27

Hypertension after successful renal transplantation. Curtis JJ, et al. **Am J Med** 1985 Aug;79(2):193-200

Acute pyelonephritis as a cause of late transplant dysfunction. Gillum DM, et al. **Am J Med** 1985 Jan;78(1):156-8

Impact of renal donation. Long-term clinical and biochemical follow-up of living donors in a single center. Miller IJ, et al. **Am J Med** 1985 Aug;79(2):201-8

Reversal of Bartter's syndrome by renal transplantation in a child with focal, segmental glomerular sclerosis. Blethen SL, et al. **Am J Med Sci** 1985 Jan;289(1):31-6

Response to pneumococcal vaccine in renal allograft recipients. Arnold WC, et al. **Am J Nephrol** 1985;5(1):30-4

Posttransplant diabetes in kidney transplant recipients. Friedman EA, et al. **Am J Nephrol** 1985;5(3):196-202

Protein binding of disopyramide and elevated alpha-1-acid glycoprotein concentrations in serum obtained from dialysis patients and renal transplant recipients. Haughey DB, et al. **Am J Nephrol** 1985;5(1):35-9

Enthusiastic cyclosporine consensus [news] **Am J Nurs** 1985 Aug;85(8):861

Urinary albumin excretion in renal transplant donors. Chavers BM, et al. **Am J Surg** 1985 Mar;149(3):343-6

Successful renal vein reconstruction with a polytetrafluoroethylene vascular graft in kidney transplantation. Santiago-Delpín EA, et al. **Am J Surg** 1985 Feb;149(2):310-1

Cyclosporine-associated renal arteriopathy resulting in loss of allograft function. Sommer BG, et al. **Am J Surg** 1985 Jun;149(6):756-64

Disseminated inoculation blastomycosis in a renal transplant recipient. Butka BJ, et al. **Am Rev Respir Dis** 1984 Dec; 130(6):1180-3

Renal transplantation in Alport's syndrome. Hayes DK, et al. **Am Surg** 1985 Jul;51(7):414-7

A universal method for separating en bloc cadaveric kidneys. Nghiem DD. **Am Surg** 1985 May;51(5):293-4

Prolonged neuromuscular blockade after renal transplantation. Bradley JP, et al. **Anaesth Intensive Care** 1985 May;13(2):196-8

Postoperative ulnar neuropathy after kidney transplantation. Zylicz Z, et al. **Anaesthesia** 1984 Nov;39(11):1117-20

Anatomical bases of kidney transplantation in man. Benoit G, et al. **Anat Clin** 1984;6(4):239-45

Suppressor cell function in renal failure and transplant patients. Woo KT, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):171-4

Measurement of urine prostaglandin E2 as a predictor of acute renal transplant rejection: preliminary findings. Thompson D, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):161-5

Association of renal graft survival with matching at the HLA-DR locus. Lauenstein KJ, et al. **Ann Clin Lab Sci** 1984 Nov-Dec;14(6):450-7

Apheresis in chronic inflammatory demyelinating polyneuropathy and in renal transplantation. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Oct;103(4):630-3

Transplanted kidney in children: comparative value of various echographic signs of acute rejection. Garel L, et al. **Ann Radiol (Paris)** 1985;28(3-4):329-37 **(Eng, Fre)**

Radiological progression of rheumatoid arthritis in renal transplant recipients. Lamminen A, et al. **Ann Rheum Dis** 1985 Mar;44(3):159-62

Emergency ligation of the external iliac artery. Blohmé I, et al. **Ann Surg** 1985 Apr;201(4):505-10

Cadaver donor renal transplantation by centers of the South-Eastern Organ Procurement Foundation. The prospective study after 6.5 years and 3811 allografts. McDonald JC, et al. **Ann Surg** 1984 Oct;200(4):535-42

Delayed acute rejection episodes in cyclosporine-treated renal transplant recipients. Merion RM, et al. **Ann Surg** 1985 Apr;201(4):444-6

A single institution, randomized, prospective trial of cyclosporin versus azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients. Najarian JS, et al. **Ann Surg** 1985 Feb;201(2):142-57

Prevention of acute tubular necrosis in cadaveric kidney transplantation by the combined use of mannitol and moderate hydration. Tiggeler RG, et al. **Ann Surg** 1985 Feb;201(2):246-51

Experience with cyclosporine and steroids in clinical renal transplantation. Tilney NL, et al. **Ann Surg** 1984 Nov; 200(5):605-13

Comparison of biopsy-proven Pneumocystis carinii pneumonia in acquired immune deficiency syndrome patients and renal allograft recipients. Sterling RP, et al. **Ann Thorac Surg** 1984 Nov;38(5):494-9

Effects of treatment with azathioprine and cyclosporin A on interferon-gamma production by peripheral blood leukocytes of renal allograft recipients. Weimar W, et al. **Antiviral Res** 1985 Feb;5(1):49-54

Renal transplantation. Nursing management of the recipient. Richard AB, et al **AORN J** 1985 Jun;41(6):1022-36

Acanthosis nigricans [letter] Holdiness MR. **Arch Dermatol** 1985 May;121(5):588

Effects of cyclosporine on the renin-angiotensin-aldosterone system and potassium excretion in renal transplant recipients. Bantle JP, et al. **Arch Intern Med** 1985 Mar; 145(3):505-8

Risks, paternalism, and the gift of life [editorial] Caplan AL, et al. **Arch Intern Med** 1985 Jul;145(7):1188-90

The improving prognosis after kidney transplantation. New strategies to overcome immunologic rejection. Levey AS. **Arch Intern Med** 1984 Dec;144(12):2382-7 (49 ref.)

Donor's choice or Hobson's choice? Spital A, et al. **Arch Intern Med** 1985 Jul;145(7):1297-301

Cutaneous chromomycosis in renal transplant recipients. Successful management in two cases. Wackym PA, et al. **Arch Intern Med** 1985 Jun;145(6):1036-7

Management of hypercalcemic hyperparathyroidism after renal transplantation. Garvin PJ, et al. **Arch Surg** 1985 May; 120(5):578-83

Treatment of lymphocele in renal allograft recipients. Greenberg BM, et al. **Arch Surg** 1985 Apr;120(4):501-4

Massive hematuria following percutaneous biopsy of renal allograft. Successful control by selective embolization. Horowitz MD, et al. **Arch Surg** 1984 Dec;119(12):1430-3

Renal transplantation. A 20-year experience in a Veterans Administration Medical Center. Ivey GL 3d, et al. **Arch Surg** 1985 Sep;120(9):1021-5

Why do patients with postsurgical acute tubular necrosis die? Mentzer SJ, et al. **Arch Surg** 1985 Aug;120(8):907-10

Erythroid progenitor growth in erythrocytosic transplanted patients. Lamperi S, et al. **Artif Organs** 1985 May;9(2):200-4

Fibronectin plasma levels after cadaver kidney transplantation. Seitz R, et al. **Blut** 1985 Jan;50(1):35-43

Kidney transplantation in drug-addicts. Cho S, et al. **Bol Asoc Med PR** 1985 Apr;77(4):136-7

Treatment of multiple rejection episodes with ALG or ATGAM after cadaveric renal transplantation. Toledo-Pereya LH, et al. **Bol Asoc Med PR** 1984 Jul; 76(7):293-6

Serum antibody profile against herpesviruses in renal transplant recipients. Carpi C, et al. **Boll Ist Sieroter Milan** 1982;61(3):245-7

Use of alcuronium in patients undergoing renal transplantation. Kaushik S, et al. **Br J Anaesth** 1984 Nov; 56(11):1229-33

Azathioprine metabolism in kidney transplant recipients. Lennard L, et al. **Br J Clin Pharmacol** 1984 Nov; 18(5):693-700

Fatal pulmonary hypertension following renal transplantation. Canny GJ, et al. **Br J Dis Chest** 1985 Apr; 79(2):191-5

The effects of therapeutic dialysis and renal transplantation on uraemic serum inhibitors of erythropoiesis in vitro. Summerfield GP, et al. **Br J Haematol** 1984 Oct; 58(2):295-304

Maternal azathioprine therapy and depressed haemopoiesis in the babies of renal allograft patients. Davison JM, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):233-9

Reversible stenosis of the renal artery following renal transplantation. Chan YT, et al. **Br J Surg** 1985 Jun; 72(6):454-5

Natural killer cells in renal allograft rejection. Cooksey G, et al. **Br J Surg** 1984 Nov;71(11):874-7

Towards the Belfast immunosuppressive regimen: a prospective trial of low versus high dose steroids and once versus twice daily immunosuppression. Griffin PJ, et al. **Br J Surg** 1985 Jan;72(1):10-2

CAPD--a risk factor in renal transplantation? Guillou PJ, et al. **Br J Surg** 1984 Nov;71(11):878-80

Continuous ambulatory peritoneal dialysis [letter] Taylor RM, et al. **Br J Surg** 1985 Mar;72(3):250

Malakoplakia in a renal allograft. Barker TH. **Br J Urol** 1984 Oct;56(5):549-50

Percutaneous pyelolysis: a new approach to post-transplant ureteric obstruction. Lewi HJ, et al. **Br J Urol** 1985 Jun; 57(3):354-5

Function of human autologous kidney grafts after extracorporeal preservation with Sacks' II solution. Ranch T, et al. **Br J Urol** 1985 Aug;57(4):380-5

Scintigraphic assessment of renal graft function and complicating lymphocele. Reddy J, et al. **Br J Urol** 1984 Oct;56(5):550-1

Convulsions associated with cyclosporin A in renal transplant recipients. Beaman M, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):139-40

Cardiac abnormalities and exercise tolerance in patients receiving renal replacement therapy. Bullock RE, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1479-84

Donor ureteric calculus presenting as acute rejection in a renal transplant recipient [letter] De Vecchi A. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1079-80

Effect of cimetidine on upper gastrointestinal bleeding after renal transplantation [letter] Doherty C. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1539-40

Convulsions associated with cyclosporin A in renal transplant recipients [letter] Gross ML, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):555

HLA-DRw6 as a risk factor for active cytomegalovirus but not for herpes simplex virus infection after renal allograft transplantation. Roenhorst HW, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):619-22

Generalised epileptic fits in renal transplant recipients given cyclosporin A. Shah D, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1347-8

Effect of cimetidine on upper gastrointestinal bleeding after renal transplantation: a prospective study. Walter S, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1175-6

HLA compatibility and graft survival in 502 kidney transplants. Gerbase-de-Lima M, et al. **Braz J Med Biol Res** 1984;17(3-4):309-12

Access to organs for transplantation: overcoming 'rejection'. Somerville MA. **Can Med Assoc J** 1985 Jan 15;132(2):113-7

Immune monitoring of tumor development after renal transplantation. Birkeland SA. **Cancer** 1985 Mar 1; 55(5):988-94

Multifocal aggressive lymphoma of the gastrointestinal tract in a renal transplant patient treated with cyclosporin A and prednisone. Castro CJ, et al. **Cancer** 1985 Apr 15; 55(8):1665-7

Persistent Epstein-Barr virus infection and a histiocytic sarcoma in a renal transplant recipient. Kramer P, et al. **Cancer** 1985 Feb 1;55(3):503-9

In situ effector pathways of allograft destruction. 1. Generation of the 'cellular' effector response in the graft and the graft recipient. Nemlander A, et al. **Cell Immunol** 1984 Dec;89(2):409-19

In situ effector pathways of allograft destruction. 2. Generation of the 'humoral' response in the graft and the graft recipient. Nemlander A, et al. **Cell Immunol** 1984 Dec; 89(2):420-6

Cefoperazone therapy of complicated urinary tract infections: pharmacokinetics in renal transplant recipients. Goldstein EJ, et al. **Chemotherapy** 1985;31(1):6-12

Cytomegalovirus and Epstein-Barr virus infection in renal transplant recipients. Zhao JQ, et al. **Chin Med J [Engl]** 1985 Apr;98(4):292-4

Preliminary study of neutrophil leukocyte function in uremic patients and renal transplant recipients. Lee CJ, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):138-45

Extracorporeal renal surgery and autotransplantation for complicated stone disease. Novick AC. **Cleve Clin Q** 1985 Spring;52(1):21-6

Urinary adenylate kinase activity as a predictor of renal allograft crises. Bernstein LH, et al. **Clin Chem** 1985 Jul; 31(7):1151-4

Adenosine deaminase activity in serum of kidney-transplant recipients during the early postoperative period [letter]Orts J, et al. **Clin Chem** 1985 Aug;31(8):1414-5

Effect of hematocrit on cyclosporine (cyclosporin A) in whole blood and plasma of renal-transplant patients. Rosano TG. **Clin Chem** 1985 Mar;31(3):410-2

Self-testing: an emerging component of clinical chemistry [letter] Will EJ, et al. **Clin Chem** 1985 Aug;31(8):1410-1

Early monitoring of human renal transplantations by N-acetyl-beta-D-glucosaminidase isoenzyme activities in urines. Bourbouze R, et al. **Clin Chim Acta** 1985 Jul 15; 149(2-3):185-95

Relationship between plasma pyridoxal-5'-phosphate concentration and the apoenzyme content of serum aminotransferases in patients with a renal allograft. Hafkenscheid JC, et al. **Clin Chim Acta** 1984 Dec 29; 144(2-3):137-44

Maintenance of cytomegalovirus (CMV) latency and host immune responses of long term renal allograft survivors. I. Prolonged suppression of in vitro lymphocyte responses against CMV infected fibroblasts related to previous secondary CMV infection. Roenhorst HW, et al. **Clin Exp Immunol** 1985 Mar;59(3):709-15

Pregnancy in renal transplantation. Clinical aspects. Casciani CU, et al. **Clin Exp Obstet Gynecol** 1984;11(4):136-40

Monoclonal gammapathies in patients undergoing immunosuppressive treatment after renal transplantation. Radl J, et al. **Clin Immunol Immunopathol** 1985 Oct; 37(1):98-102

Glomerular transplant rejection: a distinctive pattern of early graft damage. Axelsen RA, et al. **Clin Nephrol** 1985 Jan; 23(1):1-11

The use of pressimmune in renal transplantation: a four-year study. Bewick M, et al. **Clin Nephrol** 1985 Apr;23(4):173-8

De-novo anti-GBM-antibody-induced glomerulonephritis in a renal transplant. Boyce N, et al. **Clin Nephrol** 1985 Mar;23(3):148-51

Mycobacterium haemophilum and mycobacterium xenopi associated infection in a renal transplant patient. Branger B, et al. **Clin Nephrol** 1985 Jan;23(1):46-9

Absence of effect of 24,25-dihydroxycholecalciferol on serum immunoreactive PTH in patients with persistent hyperparathyroidism after renal transplantation. Friedlander MA, et al. **Clin Nephrol** 1984 Oct;22(4):206-10

Testicular function after renal transplantation: comparison of Cyclosporin A with azathioprine and prednisone combination regimes. Handelsman DJ, et al. **Clin Nephrol** 1984 Sep;22(3):144-8

Disturbances of peripheral and autonomic nervous system in chronic renal failure: effects of hemodialysis and transplantation. Heidbreder E, et al. **Clin Nephrol** 1985 May;23(5):222-8

Dosage of Cyclosporin A in children with renal transplants. Hoyer PF, et al. **Clin Nephrol** 1984 Aug;22(2):68-71

Comparative study of serum amyloid-related protein SAA, C-reactive protein, and beta 2-microglobulin as markers of renal allograft rejection. Maury CP, et al. **Clin Nephrol** 1984 Dec;22(6):284-92

Mismatching for HLA-A, -B antigens and renal graft survival. Middleton D, et al. **Clin Nephrol** 1985 Jan; 23(1):26-7

Parenteral acyclovir therapy for cytomegalovirus infection after renal transplantation. Nunan TO, et al. **Clin Nephrol** 1984 Jul;22(1):28-31

Decreased plasma volume in post-transplant erythrocytosis. Obermiller LE, et al. **Clin Nephrol** 1985 May;23(5):213-7

Captopril-associated granulocytopenia in hypertension after renal transplantation. Shindo K, et al. **Clin Nephrol** 1984 Dec;22(6):314-6

Human renal allograft and peripheral blood T lymphocyte subpopulations during the onset and treatment of rejection. Taube D, et al. **Clin Nephrol** 1984 Sep;22(3):127-32

The use of captopril to control hypertension in post-transplant renal artery stenosis. Trachtman H, et al. **Clin Nephrol** 1985 Apr;23(4):203-6

Increased urinary protein excretion in the rat produced by serum from a patient with recurrent focal glomerular sclerosis after renal transplantation. Zimmerman SW. **Clin Nephrol** 1984 Jul;22(1):32-8

Primer and Atlas for renal transplant scintigraphy: flow, Tc-99m DTPA, I-131 hippuran. Manier SM, et al. **Clin Nucl Med** 1985 Feb;10(2):118-33

Delayed images of glucoheptonate distribution after renal transplant. Stratemeier EJ, et al. **Clin Nucl Med** 1985 May; 10(5):357-60

Pregnancy following renal transplantation. Lau RJ, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):339-50

Pregnancy in the patient with a renal transplant. Meier PR, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):902-13

A prospective scintigraphic study of avascular necrosis of bone in renal transplant patients. Spencer JD, et al. **Clin Orthop** 1985 Apr;(194):125-35

Cyclosporine kinetics in renal transplantation. Ptachcinski RJ, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):296-300

Recurrence of mesangial IgA nephropathy after renal transplantation. Berger J, et al. **Contrib Nephrol** 1984; 40:195-7

beta 2-Microglobulin in vitro and 99mTc-fibrinogen in vivo in the follow-up of renal transplants. Riccabona G, et al. **Contrib Nephrol** 1984;42:130-5

The effect of perioperative hydration in allogenic renal graft recipients. Bláha J, et al. **Czech Med** 1985;8(2):78-83

T-cell subsets in a cyclosporin-A treated recipient of cadaveric kidney allograft as defined by theophylline sensitivity and monoclonal antibodies. Shohat B, et al. **Dev Biol Stand** 1984;57:361-6

Prevention of kidney graft diabetic nephropathy by pancreas transplantation in man. Bohman SO, et al. **Diabetes** 1985 Mar;34(3):306-8

Monitoring immunosuppression following renal transplantation. Giorgi JV, et al. **Diagn Immunol** 1983; 1(3):174-8

Favourable outcome of hepatic veno-occlusive disease in a renal transplant patient receiving azathioprine, treated by portacaval shunt. Report of a case and review of the literature. Eisenhauer T, et al. **Digestion** 1984;30(3):185-90

Gastroduodenal cytomegalovirus infection after renal transplantation. Fiberscopic observations. Kodama T, et al. **Endoscopy** 1985 Jul;17(4):157-8

Whole-body elemental composition in patients with renal failure and after transplantation studied using total-body neutron-activation analysis. Williams ED, et al. **Eur J Clin Invest** 1984 Oct;14(5):362-8

Scintigraphic detection of vascular and urological complications in the transplanted kidney: 133 cases. Lubin E, et al. **Eur J Nucl Med** 1985;10(7-8):313-6

Clinical usefulness of 111In-oxine-labeled autologous lymphocytes in kidney-graft rejection. Martin-Comin J, et al. **Eur J Nucl Med** 1985;10(7-8):308-12

Ureteral fistula after renal transplantation: the significance of delayed images. Richter JA, et al. **Eur J Nucl Med** 1984; 9(9):436-7

Uterine hyperemia simulating rapid urinary excretion. Shore RM, et al. **Eur J Nucl Med** 1985;10(9-10):469

Deep vein thrombosis after renal transplantation: a prospective analysis of frequency and risk factors. Bergqvist D, et al. **Eur Surg Res** 1985;17(2):69-74

Analysis of in situ inflammation of allogeneic canine kidney grafts under antilymphocyte globulin treatment. Block T, et al. **Eur Surg Res** 1984;16(6):340-7

Development of arteriovenous shunts in rejecting rat kidneys. Nilsson L, et al. **Eur Surg Res** 1985;17(3):173-8

Aneurysms of the renal artery: surgical management with special reference to extracorporeal surgery and autotransplantation. Dubernard JM, et al. **Eur Urol** 1985; 11(1):26-30

Calicopyelocystostomy in auto- and allotransplanted kidneys. Report of 2 cases. Nielubowicz J, et al. **Eur Urol** 1984; 10(6):410-3

Extracorporeal microsurgical repair of injured multiple donor kidney arteries prior to cadaveric allotransplantation. Oesterwitz H, et al. **Eur Urol** 1985;11(2):100-5

Renal artery stenosis in transplanted kidney: management and results in six patients. Serrallach N, et al. **Eur Urol** 1985; 11(1):31-5

Candida contamination in renal transplant recipients: Candida albicans serotypes and sera-antibodies. Ghezzi MC, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):3-8

Prevalence of gastroduodenal lesions in uremic patients undergoing dialysis and after renal transplantation. Musola R, et al. **Gastrointest Endosc** 1984 Dec;30(6):343-6

Will live organ donations no longer be justified? Starzl TE. **Hastings Cent Rep** 1985 Apr;15(2):5

Chronic gastritis and gastric acid secretion in uraemic and renal transplant patients. Paimela H, et al. **Hepatogastroenterology** 1985 Feb;32(1):15-9

Pulmonary infections in renal transplant recipients. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):691-6

Disseminated intravascular coagulation (DIC) accompanied by acute rejection in a post renal transplant recipient. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):771-4

Pre-transplant donor specific unresponsiveness in a kidney retransplant recipient. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):775-7

Experience with the use of mizoribine in human renal transplantation. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):809-12

Urological complications of ureteroneocystostomy in renal transplantation; a comparison between intravesical ureteroneocystostomy and extravesical ureteroneocystostomy. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):721-5

The high dose therapy of anti-human lymphoblast globulin in living related renal transplantation. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):223-31

Renal transplantation in HLA-identical sibling pairs. Dohi K, et al. **Hiroshima J Med Sci** 1984 Mar;33(1):1-9

Cataract in kidney transplant recipients. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):275-8

Increase in T. G-cell ratio in renal transplant recipients and the relationship to complications. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):233-8

Immunological characteristics of recipients with long-term functioning kidney graft. Dohi K, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):499-501

Upper gastrointestinal bleeding in renal transplant recipients. Dohi K, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):537-45

Immunofluorescence and ultrastructural localization of beta 2-microglobulin in human renal allografts. Orfila C, et al. **Histochemistry** 1984;81(6):533-41

Squamous-cell carcinoma, Kaposi's sarcoma and Burkitt's lymphoma are consequences of impaired immune surveillance of ubiquitous viruses in acquired immune deficiency syndrome, allograft recipients and tropical African patients. Purtilo DT, et al. **IARC Sci Publ** 1984; (63):749-70 (53 ref.)

Follow-up studies on proliferative T cell responses in cadaveric kidney graft recipients under combined immunosuppressive treatment with cyclosporine and prednisone. Irschick EU, et al. **Immunobiology** 1985 Mar; 169(2):128-38

Neopterin levels in long-term renal allograft recipients. König P, et al. **Immunobiology** 1985 Mar;169(2):208-12

De novo formation of immune complexes in human kidney allografts. Wu WK, et al. **Immunol Invest** 1985 Apr; 14(2):145-9

Airborne route of cross-infection [letter] Beck WC. **Infect Control** 1984 Dec;5(12):555

Anesthesia for renal transplantation. Strunin L, et al. **Int Anesthesiol Clin** 1984 Spring;22(1):189-202

Pain perception expressed by postoperative analgetica need in patients with nephropathia interstitialis chronica e phenacetin. Egfjord M, et al. **Int J Addict** 1985 Feb; 20(2):363-8

Dialysis and transplantation in multiple myeloma. Barton CH, et al. **Int J Artif Organs** 1984 Nov;7(6):317-8

Pulmonary pathology in renal transplant recipients. Fairshter RD, et al. **Int J Artif Organs** 1984 Nov;7(6):327-30

Avascular (aseptic) necrosis of bone following renal transplantation. Meakin CJ, et al. **Int J Artif Organs** 1985 Jan;8(1):19-20

The risks of donor nephrectomy. Tapson JS. **Int J Artif Organs** 1985 Jan;8(1):13-6

Urinary prostaglandin E2 excretion after the resumption of renal function post renal transplantation. Zawada ET Jr. **Int J Artif Organs** 1985 May;8(3):119-20

In vitro analysis of the Epstein-Barr virus: host balance in long-term renal allograft recipients. Yao QY, et al. **Int J Cancer** 1985 Jan 15;35(1):43-9

Local renal graft irradiation in children. Robitaille P, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):133-6

A comparative study of skin cancer in renal transplant recipients. Dunn J, et al. **Ir J Med Sci** 1985 Jun; 154(6):228-31

When organs match and health beliefs don't. Bioethical challenges. Delmar-McClure N. **J Adolesc Health Care** 1985 May;6(3):233-7

Skin cancer in immunosuppressed organ transplant recipients. Lutzner MA. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):891-3

Psychoanalysis of a patient who received a kidney transplant. Freedman A. **J Am Psychoanal Assoc** 1983;31(4):917-56

Renal osteodystrophy in renal transplant recipients. Malhotra KK, et al. **J Assoc Physicians India** 1984 Oct;32(10):867-71

Transplantation and home hemodialysis: their cost-effectiveness. Tousignant P, et al. **J Chronic Dis** 1985; 38(7):589-601

Multiple forms of alanine aminopeptidase, alkaline phosphatase and gamma-glutamyltransferase in urine of healthy persons, patients suffering from kidney diseases and patients with kidney transplants. Jung K, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):523-5

Altered distribution pattern of Na+-K+-ATPase and succinate dehydrogenase activities along the nephron in human acute post-transplant renal failure. Schmid H, et al. **J Clin Chem Clin Biochem** 1985 Jan;23(1):27-34

Serum and dialysate osteocalcin levels in hemodialysis and peritoneal dialysis patients and after renal transplantation. Epstein S, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1253-6

Immunological consequence of renal transplantation and immunosuppression. I. Alterations in human natural killer-cell activity. Waltzer WC, et al. **J Clin Immunol** 1985 Mar;5(2):78-83

Functional role of thromboxane production by acutely rejecting renal allografts in rats. Coffman TM, et al. **J Clin Invest** 1985 Apr;75(4):1242-8

Induction of cytolytic activity by anti-T3 monoclonal antibody. Activation of alloimmune memory cells and natural killer cells from normal and immunodeficient individuals. Suthanthiran M, et al. **J Clin Invest** 1984 Dec; 74(6):2263-71

Glomerular thrombi in renal allografts associated with cyclosporin treatment. Neild GH, et al. **J Clin Pathol** 1985 Mar;38(3):253-8

Cutaneous metastatic squamous-cell carcinoma in zosteriform distribution. Buecker JW, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):718-20

Effect of class II antigen matching on renal allograft survival in miniature swine. Pescovitz MD, et al. **J Exp Med** 1984 Nov 1;160(5):1495-508

The regulation of high cost technology medicine: the case of dialysis and transplantation in the United Kingdom. Simmons RG, et al. **J Health Soc Behav** 1984 Sep; 25(3):320-34

Pinacidil--effects on function and perfusion of normal kidneys and renal xenografts. Dieperink H, et al. **J Hypertens** 1983 Dec;1(4):357-60

Induction of IA antigens in murine renal transplants. Benson EM, et al. **J Immunol** 1985 Jan;134(1):7-9

Two-color immunofluorescence and flow cytometry analysis of lymphocytes in long-term renal allotransplant recipients: identification of a major Leu-7+/Leu-3+ subpopulation. Legendre CM, et al. **J Immunol** 1985 Aug;135(2):1061-6

Characterization of in vivo-activated allospecific T lymphocytes propagated from human renal allograft biopsies undergoing rejection. Mayer TG, et al. **J Immunol** 1985 Jan;134(1):258-64

Legionella lung abscess after renal transplantation. Bauling PC, et al. **J Infect** 1985 Jul;11(1):51-5

The effect of the dosage of steroids on the incidence of cytomegalovirus infections in renal transplant recipients. Velasco N, et al. **J Infect** 1984 Jul;9(1):69-78

Incidence of trimethoprim-sulfamethoxazole-resistant enterobacteriaceae among transplant recipients. Wells CL, et al. **J Infect Dis** 1984 Nov;150(5):699-706

Scintigraphic evaluation of the viability of cold-preserved kidneys before transplantation. Anaise D, et al. **J Nucl Med** 1984 Dec;25(12):1304-9

Use of cyclosporine in pediatric renal transplant recipients. Conley SB, et al. **J Pediatr** 1985 Jan;106(1):45-9

Congenital nephrotic syndrome: evolution of medical management and results of renal transplantation. Mahan JD, et al. **J Pediatr** 1984 Oct;105(4):549-57

Periodontal status in patients before and after renal allotransplantation. Tollefsen T, et al. **J Periodont Res** 1985 Mar;20(2):227-36

The periodontal status of prospective and renal transplant patients. Comparison with systemically healthy subjects. Tollefsen T, et al. **J Periodont Res** 1985 Mar;20(2):220-6

Disseminated aspergillosis and bleeding colonic ulcers in renal transplant patient. Kinder RB, et al. **J R Soc Med** 1985 Apr;78(4):338-9

Iliac venous aneurysm in a pregnant patient with a renal transplant. A case report. Parer JT, et al. **J Reprod Med** 1984 Dec;29(12):869-71

An experimental evaluation of nucleotide enhancement techniques for kidney transplantation. Garvin PJ, et al. **J Surg Res** 1985 Jan;38(1):29-38

Human leukocyte antigen matching in renal transplantation: review and current status. Zmijewski CM. **J Surg Res** 1985 Jan;38(1):66-87 (166 ref.)

Cardiac operations in patients with functioning renal allografts. Bolman RM 3d, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):537-43

Emphysematous pyelonephritis in a renal transplant: sonographic and computed tomographic features. Balsara VJ, et al. **J Ultrasound Med** 1985 Feb;4(2):97-9

Scrotal lymphocele: a complication of renal transplant surgery. Dierks PR, et al. **J Ultrasound Med** 1985 Feb;4(2):91-2

Experience with pyeloureterostomy associated with simple ligation of native ureter without ipsilateral nephrectomy in renal transplantation. Baquero A, et al. **J Urol** 1985 Mar;133(3):386-7

Long-term clean intermittent self-catheterization in renal transplant recipients. Barnett M, et al. **J Urol** 1985 Oct;134(4):654-7

Donor specific blood transfusions and successful spousal kidney transplantation. Barry JM, et al. **J Urol** 1985 Jun;133(6):1024-5

Parallel incision, unstented extravesical ureteroneocystostomy: followup of 203 kidney transplants. Barry JM, et al. **J Urol** 1985 Aug;134(2):249-51

Pediatric cadaver kidney transplants into adults. Barry JM, et al. **J Urol** 1985 Oct;134(4):651-3

Renal transplantation using ileal conduits in 5 cases. Glass NR, et al. **J Urol** 1985 Apr;133(4):666-8

Experience with parallel incision extravesical ureteroneocystostomy in renal transplantation. Hefty TR. **J Urol** 1985 Sep;134(3):455-6

The percutaneous removal of calculi from transplanted kidneys. Hulbert JC, et al. **J Urol** 1985 Aug;134(2):324-6

Recipient ureterocalycostomy in a renal allograft: case report of a transplant salvage. Jarowenko MV, et al. **J Urol** 1985 May;133(5):844-5

Salvage of difficult transplant complications by percutaneous techniques. Jarowenko MV, et al. **J Urol** 1985 May;133(5):840-3

Renal transplantation in the older recipient. Jordan ML, et al. **J Urol** 1985 Aug;134(2):243-6

Ureteral stenosis after kidney transplantation: true incidence and long-term followup after surgical correction. Kinnaert P, et al. **J Urol** 1985 Jan;133(1):17-20

Effect of furosemide on dialysis requirement following cadaveric kidney transplantation. Lachance SL, et al. **J Urol** 1985 Jun;133(6):950-1

Adaptation of existing cutaneous ureterostomy for urinary drainage after renal transplantation. McDonald MW, et al. **J Urol** 1985 Jun;133(6):1026-8

Progress in renal transplantation [editorial] Novick AC. **J Urol** 1985 Mar;133(3):439

Traumatic lymphocele following renal transplantation. Roney PD, et al. **J Urol** 1985 Aug;134(2):322-3

Anuria in transplant patient following inguinal herniorrhaphy. Selman SH, et al. **J Urol** 1985 Apr;133(4):669-70

Renal allograft rupture: surgical treatment by renal corsetage with lyophilized human dura. Serrallach N, et al. **J Urol** 1985 Mar;133(3):452-5

Selective pre-transplant nephrectomy: indications and perioperative management. Sheinfeld J, et al. **J Urol** 1985 Mar;133(3):379-82

The clinical value of active T-rosette-forming cells in urine after renal transplantation. Toma H, et al. **J Urol** 1985 Apr;133(4):575-8

Renal replantation (orthotopic autotransplantation) for echinococcosis of the kidney. Tscholl R, et al. **J Urol** 1985 Mar;133(3):456-7

Translumbar splenectomy in human kidney transplant recipients. Van Poppel H, et al. **J Urol** 1985 Aug;134(2):247-8

Femoral neuropathy after renal transplantation. Yazbeck S, et al. **J Urol** 1985 Oct;134(4):720-1

The role of renal autotransplantation in pediatric and young adult patients with renal artery disease. Jordan ML, et al. **J Vasc Surg** 1985 May;2(3):385-92

Sonography of abdominal posttransplant lymphoma. Frick MP, et al. **JCU** 1984 Sep;12(7):383-5

Ultrasound findings in renal transplant rupture. Ostrovsky PD, et al. **JCU** 1985 Feb;13(2):132-3

Effects of donor-specific blood transfusion on the survival of living related renal grafts. Akiyama N, et al. **Jpn J Exp Med** 1984 Oct;54(5):225-7

Cyclosporin A effective therapy for fifty-two cadaver kidney recipients. Takagi H, et al. **Jpn J Surg** 1985 Mar;15(2):160-5

Abstracts: fifteenth congress of the South African Renal Society, Pretoria, South Africa, March 7-9, 1984. **Kidney Int** 1984 Dec;26(6):895-901

Abstracts: the XXIst congress of the European Dialysis and Transplant Association-European Renal Association Florence, Italy, September 23-26, 1984. **Kidney Int** 1984 Oct;26(4):483-678

Prednisolone pharmacokinetics in cushingoid and non-cushingoid kidney transplant patients. Bergrem H, et al. **Kidney Int** 1985 Feb;27(2):459-64

The effect of pregnancy on kidney function in renal allograft recipients. Davison JM. **Kidney Int** 1985 Jan;27(1):74-9

Prognostically controlled comparison of dialysis and renal transplantation. Hutchinson TA, et al. **Kidney Int** 1984 Jul;26(1):44-51

Transplant glomerulopathy: evolution of morphologically distinct changes. Maryniak RK, et al. **Kidney Int** 1985 May;27(5):799-806

Immunosuppressive agents in renal transplantation. Strom TB. **Kidney Int** 1984 Sep;26(3):353-65

Characterization of T cells cultured from fine needle aspirates of human renal allografts during rejection. Wolff JL, et al. **Kidney Int** 1985 Feb;27(2):469-71

Renal glycosuria in renal homograft recipients. Reubi FC, et al. **Klin Wochenschr** 1984 Sep 17;62(18):876-84

Cyclosporin, uric acid, and the kidney [letter] **Lancet** 1985 Mar 23;1(8430):701-2

Cyclosporin and antituberculous therapy [letter] **Lancet** 1985 Jun 8;1(8441):1342-3

Venous thrombosis and cyclosporin [letter] **Lancet** 1985 Jul 13;2(8446):101-2

Commercialisation in transplantation: the problems and some guidelines for practice. The Council of the Transplantation Society. **Lancet** 1985 Sep 28;2(8457):715-6

Thromboembolic complications in cyclosporin-treated kidney allograft recipients [letter] **Lancet** 1985 Sep 14;2(8455):606-7

Markets in kidneys [letter] **Lancet** 1984 Dec 8;2(8415):1344

Kidney brokerage: a glimpse of the future? [editorial] **Lancet** 1984 Nov 10;2(8411):1081

Preferential efficacy of cyclosporin? [letter] **Lancet** 1985 Mar 30;1(8431):755

Conversion from cyclosporin to azathioprine/prednisolone [letter] Adu D, et al. **Lancet** 1985 Feb 16;1(8425):392

Cyclosporin and rifampicin in renal transplantation [letter] Allen RD, et al. **Lancet** 1985 Apr 27;1(8435):980

Cyclosporin and magnesium [letter] Allen RD, et al. **Lancet** 1985 Jun 1;1(8440):1283-4

Serum Tamm-Horsfall protein (THP) concentration in cyclosporin treated renal transplant recipients [letter] Avis PJ, et al. **Lancet** 1985 Jul 20;2(8447):154

Markets in kidneys [letter] Bach DL. **Lancet** 1984 Nov 10;2(8411):1102

Cyclosporin G: immunosuppressive effect in dogs with renal allografts [letter] Calne RY, et al. **Lancet** 1985 Jun 8;1(8441):1342

Cyclosporin in cadaveric renal transplantation: 3-year follow-up of a European multicentre trial [letter] Calne RY, et al. **Lancet** 1985 Sep 7;2(8454):549

Preferential effectiveness of cyclosporin in patients receiving kidney transplants after glomerulonephritis. Cats S, et al. **Lancet** 1985 Mar 2;1(8427):490-1

Reye's syndrome and organ transplantation [letter] Donnelly PK, et al. **Lancet** 1985 Feb 2;1(8423):289

HLA matching is important for cadaver renal transplant recipients treated with cyclosporin. Dyer PA, et al. **Lancet** 1985 Jul 27;2(8448):212-3

Interstitial fibrosis in renal allografts in patients treated with cyclosporin [letter] Farnsworth A, et al. **Lancet** 1984 Dec 22;2(8417-18):1470-1

Place of intrarenal pressure measurement in transplant management [letter] Gibbons CP, et al. **Lancet** 1985 Jun 1;1(8440):1269

Intrarenal pressure measurement [letter] Gibbons CP, et al. **Lancet** 1985 Aug 3;2(8449):281-2

Importance of the less frequent donor HLA-B antigens to mismatched kidney grafts [letter] Gilks WR, et al. **Lancet** 1985 Apr 20;1(8434):923

Ranitidine hepatotoxicity in renal transplant patient [letter] Hiesse C, et al. **Lancet** 1985 Jun 1;1(8440):1280

Distinguishing between renal allograft rejection and cyclosporin nephrotoxicity [letter] Hrushesky WJ. **Lancet** 1985 Aug 31;2(8453):501

Blood pressure changes after embolisation of host kidney in renal transplant patients [letter] Huysmans FT, et al. **Lancet** 1985 Feb 9;1(8424):344

Interstitial fibrosis in renal allografts after 12 to 46 months of cyclosporin treatment: beneficial effect of low doses in early post-transplantation period. Klintmalm G, et al. **Lancet** 1984 Oct 27;2(8409):950-4

Catch-up growth in children with successful renal transplants immunosuppressed with cyclosporin alone [letter] Knight JF, et al. **Lancet** 1985 Jan 19;1(8421):159-60

Role of intrarenal pressure measurement in transplant recipients [letter] Lear PA, et al. **Lancet** 1985 Apr 20;1(8434):922-3

Kidney brokerage [letter] Little PJ. **Lancet** 1985 Jan 5;1(8419):53

Kidney brokerage in another guise [letter] Moores B. **Lancet** 1985 Apr 20;1(8434):931

Paying for organs from living donors [letter] Morris PJ, et al. **Lancet** 1985 Jun 29;1(8444):1510

Aluminium overload, a predisposing condition for epileptic seizures in renal-transplant patients treated with cyclosporin? [letter] Nordal KP, et al. **Lancet** 1985 Jul 20;2(8447):153-4

Pretransplant blood transfusions and long-term renal allograft survival [letter] Persijn GG, et al. **Lancet** 1984 Nov 3;2(8410):1043-4

Transmission of AIDS virus at renal transplantation [letter] Prompt CA, et al. **Lancet** 1985 Sep 21;2(8456):672

Place of intrarenal pressure measurement in transplant management [letter] Salaman JR. **Lancet** 1985 Jun 15;1(8442):1390-1

Assessment of resources for renal transplantation in the United Kingdom. Sells RA, et al. **Lancet** 1985 Jul 27;2(8448):195-7

Differentiation between allograft rejection and cyclosporin nephrotoxicity in renal-transplant recipients. Taube DH, et al. **Lancet** 1985 Jul 27;2(8448):171-4

Renal transplantation in the United Kingdom and Ireland—the centre effect. Taylor RM, et al. **Lancet** 1985 Apr 6;1(8432):798-803

Skin cancer in renal transplant patients treated with cyclosporin [letter] Thompson JF, et al. **Lancet** 1985 Jan 19;1(8421):158-9

Thromboembolic complications and haemostatic changes in cyclosporin-treated cadaveric kidney allograft recipients. Vanrenterghem Y, et al. **Lancet** 1985 May 4;1(8436):999-1002

The state of the art in renal replacement programmes for chronic uraemia at the University of Rome. Cortesini R, et al. **Life Support Syst** 1985 Apr-Jun;3(2):110-4

The rationale for plasmapheresis in renal graft rejection. Frascà G, et al. **Life Support Syst** 1984 Apr-Jun;2(2):131-6

Scrotal lymphocele complicating renal transplantation. Kaude JV, et al. **Lymphology** 1984 Sep;17(3):81-2

End-stage renal disease: then and now [editorial] Hunt JC. **Mayo Clin Proc** 1984 Oct;59(10):717-9

Unilateral nephrectomy in living-related kidney donors is safe and beneficial [editorial] Sterioff S. **Mayo Clin Proc** 1985 Jun;60(6):423-4

Cyclosporin A in cadaveric renal transplantation [editorial] D'Apice AJ. **Med J Aust** 1985 Feb 4;142(3):172-4

Treatment of renal transplantation rejection. Cyclosporin A versus conventional treatment with azathioprine, prednisone and antithymocyte immunoglobulin in primary cadaveric renal transplantation. Hall BM, et al. **Med J Aust** 1985 Feb 4;142(3):179-85

Legionnaires' disease in a renal transplant recipient. Harris DC, et al. **Med J Aust** 1984 Aug 18;141(4):241-2

Mixed lymphocyte culture (MLC) test and living related donor kidney transplantation. Suleiman AB, et al. **Med J Malaysia** 1984 Mar;39(1):56-8

Implementation of an international information system on kidney transplantation. Hennige M. **Methods Inf Med** 1985 Jul;24(3):135-40

Effect of cyclosporin A on natural killer cells' response during viral infections. Gaeta A, et al. **Microbiologica** 1985 Jul;8(3):225-32

Monocytes phagocytic activity in cyclosporine treated patients. Lun MT, et al. **Microbiologica** 1985 Jul;8(3):277-82

Kidney and spleen twin grafts in rats: unidirectional graft acceptance in unsuppressed ACI recipients. Blanchard JM, et al. **Microsurgery** 1985;6(1):26-31

Organ procurement in Europe and the United States. Prottas JM. **Milbank Mem Fund Q** 1985 Winter;63(1):94-126

Diagnostic value of pulmonary gallium 67 scanning in the diagnosis of Pneumocystis carinii pneumonia in an immunocompromised patient with unexplained fever and hypoxemia. Poorsatter A, et al. **Milit Med** 1985 Jul;150(7):363-7

Disturbances in mineral metabolism after successful renal transplantation. Sakhaee K, et al. **Miner Electrolyte Metab** 1985;11(3):167-72

A randomized clinical trial of OKT3 monoclonal antibody for acute rejection of cadaveric renal transplants. Ortho Multicenter Transplant Study Group. **N Engl J Med** 1985 Aug 8;313(6):337-42

Case records of the Massachusetts General Hospital. Case 4-1985. A 36-year-old man with a cardiac mass three years after renal transplantation. **N Engl J Med** 1985 Jan 24;312(4):226-37

Malignant lymphoma confined to the heart, 13 years after a cadaver kidney transplant [letter] Rodenburg CJ, et al. **N Engl J Med** 1985 Jul 11;313(2):122

Post-transplantation reticulum-cell sarcoma reclassified as B-cell lymphoma [letter] Sedmak DD, et al. **N Engl J Med** 1985 May 16;312(20):1329-30

Anti-idiotypic T cells suppress rejection of renal allografts in rats. Lancaster F, et al. **Nature** 1985 May 23-29;315(6017):336-7

What I needed to know about cyclosporine. Li JT. **NC Med J** 1984 Dec;45(12):771-2

Percutaneous transluminal dilatation of graft renal artery as treatment for posttransplantation hypertension [letter] Campieri C, et al. **Nephron** 1985;40(1):120-1

Late urinary tract infection after transplantation: prevalence, predisposition and morbidity. Cuvelier R, et al. **Nephron** 1985;40(1):76-8

Effect of cyclosporin A on the development of posttransplantation hypertension in rat renal allograft recipients. de Keijzer MH, et al. **Nephron** 1985;40(1):57-62

Changes in total body calcium after renal transplantation: effect of low-dose steroid regime. Eastell R, et al. **Nephron** 1985;40(2):139-42

Replacement therapy in terminal renal failure in Sweden 1975-1981. What resources will be needed in the future? Erlanson P. **Nephron** 1985;39(2):80-5

Serum potassium concentrations in cyclosporine- and azathioprine-treated renal transplant patients. Foley RJ, et al. **Nephron** 1985;40(3):280-5

Prophylactic treatment with cimetidine after renal transplantation. Grekas D, et al. **Nephron** 1985;40(2):213-5

Hypertension in man with a kidney transplant: role of familial versus other factors. Guidi E, et al. **Nephron** 1985; 41(1):14-21

Chromoblastomycosis in a renal transplant patient. Morales LA, et al. **Nephron** 1985;40(2):238-40

Transmission of Mycobacterium tuberculosis with renal allografts. Mourad G, et al. **Nephron** 1985;41(1):82-5

Salmonella enteritidis infection in renal transplant recipients [letter] Peces R, et al. **Nephron** 1985;41(1):122-3

Recurrence of IgA nephropathy with nephrotic syndrome in renal allograft. Pettersson E, et al. **Nephron** 1985; 41(1):114-7

Chronic irreversible nephrotoxicity from cyclosporin A. Rao KV, et al. **Nephron** 1985;41(1):75-7

Percutaneous renal transplant biopsy under CAT scanner guidance. Rao KV. **Nephron** 1984;38(4):273-5

The significance of the absence of 131I-Hippuran uptake by a kidney graft. Romero R, et al. **Nephron** 1985;39(4):306-8

Renin-angiotensin-aldosterone system in cyclosporin A-treated renal allograft recipients [letter] Stanek B, et al. **Nephron** 1985;41(1):124

Effect of captopril on blood pressure and renal function in patients with transplant renal artery stenosis. van der Woude FJ, et al. **Nephron** 1985;39(3):184-8

Use of radiographically abnormal kidneys in living-related donor renal transplantation. Waltzer WC, et al. **Nephron** 1985;39(4):302-5

Beta-2-microglobulin in the assessment of renal function of the transplanted kidney. Woo KT, et al. **Nephron** 1985; 39(3):223-7

Human ABO-incompatible living donor renal homografts. Alexandre GP, et al. **Neth J Med** 1985;28(6):231-4

Treatment of steroid-resistant rejections with ATG and/or plasma filtration improves graft survival rates after cadaveric kidney transplantation. Fassbinder W, et al. **Neth J Med** 1985;28(6):265-7

The influence of HLA-DRw6 on donor-recipient selection in kidney transplantation. Hendriks GF, et al. **Neth J Med** 1985;28(6):235-8

Treatment of acute rejection of renal allografts with antithymocyte globulin or high-dosage prednisone. Influence of recipient DRw6 and DR matching. Hoitsma AJ, et al. **Neth J Med** 1985;28(6):239-42

Long term follow-up of living kidney donors. A two-centre study. Hoitsma AJ, et al. **Neth J Med** 1985;28(6):226-30

DRw6 antigen and severe non-immunological complications. Hoyer J, et al. **Neth J Med** 1985;28(6):259-61

Preliminary experience with cadaveric donor-specific platelet transfusions (CDSPT) prior to kidney transplantation. Land W, et al. **Neth J Med** 1985; 28(6):262-4

Multiple organ procurement. Margreiter R. **Neth J Med** 1985; 28(6):222-5

Experience with cyclosporin/prednisolone therapy in kidney transplantation, with special reference to nephrotoxicity, ATN and kidney preservation. Pichlmayr R, et al. **Neth J Med** 1985;28(6):268-71

Information and long-term follow-up of a large number of related kidney donors at a single institution. Sutherland DE, et al. **Neth J Med** 1985;28(6):254-6

Monitoring for lymphocytotoxic antibodies after platelet transfusions. Ting A, et al. **Neth J Med** 1985;28(6):243-5

Organ transplantation in diabetics. Synopsis of the 1983 symposium. Van Schilfgaarde R. **Neth J Med** 1985; 28(6):246-53

Negative renal transplant imaging [letter] Cosgriff PS, et al. **Nucl Med Commun** 1984 Aug;5(8):526-7

Renal transplant extravasation of urine through a chest tube: an unusual appearance on radionuclide imaging. Kuzbary Y, et al. **Nucl Med Commun** 1984 Oct;5(10):655-9

Diagnosis and treatment of pelvic lymphoceles in the renal transplant recipient. Lessner AM, et al. **NY State J Med** 1984 Oct;84(10):491-4

Radionuclide perfusion scans in the assessment of acute renal transplant rejection. Walker RJ, et al. **NZ Med J** 1985 Jun 12;98(780):428-30

Development of ovarian carcinoma in a cyclosporin A immunosuppressed patient. Maung R, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):89S-92S

Current thinking in transplantation in infants and children. Lum CT, et al. **Pediatr Clin North Am** 1985 Oct; 32(5):1203-32 (85 ref.)

Effect of donor-specific transfusions on renal transplantation in children. Potter D, et al. **Pediatrics** 1985 Sep;76(3):402-5

The development of human kidney transplantation--personal recollections. Merrill JP. **Pharos** 1984 Spring;47(2):22-4

Pseudomembranous colitis after kidney transplantation. Brzozowski R, et al. **Pol Arch Med Wewn** 1984 Jun; 71(6):383-7

Improved cardiac function after renal transplantation. Fleming SJ, et al. **Postgrad Med J** 1985 Jun;61(716):525-8

Metastatic hypernephroma from a native kidney after cadaver renal transplantation [letter] Griffin SC, et al. **Postgrad Med J** 1985 May;61(715):471

Cyclosporine-associated lymphoproliferation, despite controlled cyclosporine blood concentrations, in a renal allograft recipient. Dossetor JB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1021-6

Improvement in cyclosporine handling by anti-lymphocyte globulin in the early post-operative period. Grundmann R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:987-91

Metabolic effects of conversion from cyclosporine to azathioprine in renal transplant recipients. Harris KP, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1010-4

Comparison of three immunosuppressive regimens in kidney transplantation: a single-centre randomised study. Hourmant M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:982-6

Combined report on regular dialysis and transplantation in Europe, XIV, 1983. Kramer P, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:2-65

Polycythaemia is erythropoietin-independent after renal transplantation. Lamperi S, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:928-31

Clinical results and cyclosporine effect on prednisolone metabolism of cadaver kidney transplanted patients. Langhoff E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:963-8

Transfusion-induced enhancement of prostaglandin and thromboxane release in prospective kidney graft recipients. Lenhard V, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:923-7

Long-term outcome of renal function and proteinuria in kidney transplant donors. Mathillas O, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:574-9

Studies on living related kidney donors at a single institution. Najarian JS, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:911-9

Glomerular C3b receptor loss in renal allografts. Nolasco F, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1015-20

Rejection and nephrotoxicity. Diagnostic problems with cyclosporine in renal transplantation. Pichlmayr R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:947-60

Aetiology and prognosis of de novo graft membranous nephropathy. Pirson Y, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:672-6

Monitoring of NK-1 and NK-15 subsets and natural killer activity in kidney transplant recipients receiving cyclosporine. Renna Molajoni E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1042-6

Combined report on regular dialysis and transplantation of children in Europe, XIII, 1983. Rizzoni G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:66-95

Impaired fibrinolysis after kidney transplantation. Seitz R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:941-4

T cell subsets in renal transplanted patients defined by theophylline sensitivity and monoclonal antibodies. Shapira Z, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1037-41

Kidney transplantation in patients on continuous ambulatory peritoneal dialysis. Shapira Z, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:932-5

Thromboxane B2 and beta 2-microglobulin as early indicators of renal allograft rejection. Steinhauer HB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1032-6

The use of cyclosporine only in cadaveric renal transplant recipients: conversion to prednisolone and azathioprine after four months. Tegzess AM, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:992-7

Results of transplantation of kidneys from diabetic donors. van Goor H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:655-8

Pneumatosis intestinalis in patients after cadaveric kidney transplantation: possible relationship with an active cytomegalovirus infection. van Son WJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:936-40

Increased interleukin II production during kidney allograft rejection. Vie H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1006-9

Postoperative course of patients during hospitalization following renal transplantation. Muthny FA. **Psychother Psychosom** 1984;42(1-4):133-42

The problem of cytomegalovirus infection in renal allograft recipients. Kurtz JB, et al. **Q J Med** 1984 Summer; 53(211):341-9

Cure of cryptococcal infection during continued immunosuppressive therapy. Watson AJ, et al. **Q J Med** 1985 May;55(217):169-72

Digital radiology of the kidney. Hillman BJ. **Radiol Clin North Am** 1985 Jun;23(2):211-26

Renal transplants in children: long-term follow-up using sonography. Babcock DS, et al. **Radiology** 1985 Jul; 156(1):165-7

Submucosal edema of the collecting system: a new ultrasonic sign of severe, acute renal allograft rejection. A clinical note. Birnholz JC, et al. **Radiology** 1985 Jan;154(1):190

Obstructed calycocystostomy site in association with a transplanted kidney: percutaneous management. Cardella JF, et al. **Radiology** 1985 Jul;156(1):67-8

Emphysema in the renal allograft. Potter JL, et al. **Radiology** 1985 Apr;155(1):51-2

Glomerular filtration rate in transplantation patients: estimation of renal function using Tc-99m DTPA. Reinig JW, et al. **Radiology** 1985 Aug;156(2):505-7

Retroperitoneal reabsorption of extravasated urine in renal transplant patients. Schultze Kool LJ, et al. **Radiology** 1984 Dec;153(3):625-6

Renal transplant rejection: sonographic evaluation in children. Slovis TL, et al. **Radiology** 1984 Dec; 153(3):659-65

Kidney allograft tolerance in diabetic patients after total lymphoid irradiation (TLI). Ang KK, et al. **Radiother Oncol** 1985 Apr;3(3):193-9

Effects of different anti-rejection treatments on lymphocyte subsets in renal transplantation. Egidi F, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):341-5

Antegrade pyelography, percutaneous nephrostomy and ureteral perfusion (Whitaker test) for the renal transplant recipient. Zollikofer CL, et al. **ROFO** 1985 Feb; 142(2):193-200

Acyclovir in cytomegalovirus infection 3 1/2 years after renal transplantation. An unusual case and dramatic response. Barnett PS, et al. **S Afr Med J** 1984 Oct 27; 66(17):635-7

Transplantation for diabetic nephropathy. Costa JM, et al. **S Afr Med J** 1985 Aug 31;68(5):298-301

The influence of cyclosporin on graft and patient survival after renal transplantation. The Groote Schuur Hospital experience. Jacobson JE, et al. **S Afr Med J** 1985 Feb 2; 67(5):166-8

Successive urinary papillomavirus excretion, condylomata acuminata and urogenital epithelial malignant disease after renal transplantation. Lecatsas G, et al. **S Afr Med J** 1985 Mar 9;67(10):374-6

Source of cadaver kidneys for transplantation at Johannesburg Hospital. O'Donnell D, et al. **S Afr Med J** 1985 May 4;67(18):719-20

Relationship between urinary concentrating ability, arginine vasopressin in plasma and blood pressure after renal transplantation. Pedersen EB, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):321-6

Intravenous foscarnet for the treatment of severe cytomegalovirus infection in allograft recipients. Klintmalm G, et al. **Scand J Infect Dis** 1985;17(2):157-63

Renal transplant wound infection: the value of prophylactic antibiotic treatment. Tillegård A. **Scand J Urol Nephrol** 1984;18(3):215-21

Photopenic defect within transplanted kidney. Sanchez FW, et al. **Semin Nucl Med** 1984 Oct;14(4):342

Lipoprotein profile in dialysis and transplant patients. Lau YK, et al. **Singapore Med J** 1985 Apr;26(2):193-7

The second O T Khoo Foundation lecture. A new theory on the mechanism of the blood transfusion effect in transplantation. Terasaki PI. **Singapore Med J** 1984 Jun; 25(3):132-4

Neoplasia in immunosuppressed renal transplant patients: a 20-year experience. Krueger TC, et al. **South Med J** 1985 May;78(5):501-6

Methyldopa therapy and outcome in cadaveric renal transplantation. Peters TG, et al. **South Med J** 1985 Sep; 78(9):1044-8

Renal transplantation in a developing country: anesthesia and other considerations. Youngberg JA, et al. **South Med J** 1984 Sep;77(9):1095-7, 1106

Allocation of treatment to patients when not all balancing factors are known to the co-ordinating centre. van Lier HJ, et al. **Stat Med** 1984 Jul-Sep;3(3):219-24

Urologic considerations in renal transplantation. Malkowicz SB, et al. **Surg Gynecol Obstet** 1985 Jun;160(6):579-88 (151 ref.)

A safe technique for renal transplantation in patients with severely infected bladders. Margreiter R, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):487-9

Use of vena cava to extend the right renal vein in cadaveric transplants. Taylor RJ, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):279-80

Unexpectedly high incidence of cytomegalovirus infection in apparent peptic ulcers in renal transplant recipients. Cohen EB, et al. **Surgery** 1985 May;97(5):606-12

Renal autotransplantation versus bypass techniques for renovascular hypertension. Dubernard JM, et al. **Surgery** 1985 May;97(5):529-34

Clinical and experimental studies with cyclosporine in renal transplantation. Kahan BD, et al. **Surgery** 1985 Feb; 97(2):125-40 (86 ref.)

Mismatched living, related donor renal transplantation: a prospective, randomized study. Sommer BG, et al. **Surgery** 1985 Aug;98(2):267-74

De novo hemolytic uremic syndrome in renal transplant recipients immunosuppressed with cyclosporine. Van Buren D, et al. **Surgery** 1985 Jul;98(1):54-62

Effect of pretreatment with donor-specific blood transfusion in renal transplantation. Huang CC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):807-13

Preliminary clinical report of renal homotransplantation in Chang Gung Memorial Hospital. Lai MK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1294-300

Listerellosis with meningitis in a renal transplant recipient--a case report. Lai MK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):600-2

Management of end-stage renal disease by transplantation: the use and limitations of cyclosporine. Kahan BD, et al. **Tex Med** 1985 Aug;81(8):32-43

Increased tissue factor activity generation in vitro by canine blood leukocytes associated with allogeneic kidney transplantation and rejection. Rothberger H, et al. **Thromb Haemost** 1985 Feb 18;53(1):1-4

Antithrombin III in renal transplant recipients. Woo KT, et al. **Thromb Res** 1985 May 1;38(3):201-6

The effect of pretransplant platelet transfusions on renal allograft survival and sensitization in dogs. Errett LE, et al. **Tissue Antigens** 1985 Jan;25(1):28-32

The role of HLA matching in renal transplantation. Ting A, et al. **Tissue Antigens** 1985 May;25(5):225-34 (46 ref.)

The influence of HLA-A,B and -DR matching and pregraft blood transfusions on graft and patient survival after renal transplantation in a single centre. Ting A, et al. **Tissue Antigens** 1984 Oct;24(4):256-64

Hypertension jeopardizes diabetic patients following renal transplant. Chou LM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:473-8

Plasmaleukapheresis decreases fibronectin and alpha-1-antitrypsin concentrations in patients with acute renal transplant rejection. Gelfand MC, et al. **Trans Am Soc Artif Intern Organs** 1984;30:244-7

Acute renal failure in the transplanted kidney. Sutherland DE, et al. **Trans Am Soc Artif Intern Organs** 1984;30:706-10

Monoclonal anti-T12 antibody as therapy for renal allograft rejection. Carpenter CB, et al. **Trans Assoc Am Physicians** 1983;96:84-92

The current United Kingdom transplant situation. Calne RY. **Trans Med Soc Lond** 1982-84;99-100:14-8

Transfusion problems in renal allograft recipients. Anti-lymphocyte globulin showing Lutheran system specificity. Anderson HJ, et al. **Transfusion** 1985 Jan-Feb; 25(1):47-50

A randomized study comparing leukocyte-depleted versus packed red cell transfusions in prospective cadaver renal allograft recipients. Sanfilippo FP, et al. **Transfusion** 1985 Mar-Apr;25(2):116-9

Organ transplantation. Kidney. **Transplant Proc** 1985 Feb; 17(1 Pt 1):3-198

Organization of kidney procurement in Finland. Ahonen J, et al. **Transplant Proc** 1984 Oct;16(5):1344-5

Cytotoxicity against non-HLA antigens in a renal transplant recipient. Akiyama N, et al. **Transplant Proc** 1984 Dec; 16(6):1700-3

Cyclosporine in living related and cadaveric renal transplantation. Albrechtsen D, et al. **Transplant Proc** 1984 Oct;16(5):1191-4

The beneficial effect of trifluoperazine on the microcirculation and subsequent function of cold preserved kidneys. Anaise D, et al. **Transplant Proc** 1984 Oct; 16(5):1333-4

Biliary stenosis secondary to pancreatitis: an unusual cause of obstructive jaundice in a renal transplant recipient. Anaise D, et al. **Transplant Proc** 1984 Dec;16(6):1669-71

Use of an ectopic pelvic donor kidney for transplantation. Bacharach MD, et al. **Transplant Proc** 1984 Dec; 16(6):1663-5

Cellular function and T cell subsets in patients with long-surviving renal transplants. Bakran A, et al. **Transplant Proc** 1984 Dec;16(6):1558-60

Selective embolization of vascular complications following renal biopsy of the transplant kidney. Baquero A, et al. **Transplant Proc** 1985 Apr;17(2):1751-4

Cadaver renal transplantation in patients over 50 years of age. Baquero A, et al. **Transplant Proc** 1985 Aug; 17(4):2003-6

B2-microglobulin and renal graft rejection: relationship to plasma creatinine during stable transplant function and graft rejection. Barnes RM, et al. **Transplant Proc** 1984 Dec;16(6):1613-5

Correction of renal transplant artery stenosis: early and long-term results. Baumgartner D, et al. **Transplant Proc** 1984 Oct;16(5):1308-10

Cyclosporine immunosuppression in cadaver kidney recipients with a remote positive crossmatch to the current donor. Belitsky P. **Transplant Proc** 1985 Aug;17(4):1937-9

Acute renal transplant failure resulting from obstruction with a calculus. Boyce NW, et al. **Transplant Proc** 1984 Oct; 16(5):1364-6

T suppressor cell function in cyclosporine-treated renal transplant recipients. Brando B, et al. **Transplant Proc** 1984 Dec;16(6):1639-41

Graft survival and policies regarding blood transfusion and cold ischemia time in renal transplantation in Europe. Brynger H, et al. **Transplant Proc** 1984 Oct;16(5):1342-3

Experience with 14 renal transplants with kidneys from blood group A (subgroup A2) to O recipients. Brynger H, et al. **Transplant Proc** 1984 Oct;16(5):1175-6

Tertiary hyperparathyroidism after cadaver-kidney transplantation. Buchmann P, et al. **Transplant Proc** 1984 Oct;16(5):1324

Renal allograft infiltrate in the absence of rejection. Burdick JF, et al. **Transplant Proc** 1984 Dec;16(6):1580-2

Mechanism of action of donor-specific transfusion: inhibition of mixed lymphocyte culture response by patient plasma. Burlingham WJ, et al. **Transplant Proc** 1984 Dec; 16(6):1451-3

Cytomegalovirus infection in renal transplant patients. Cardella CJ, et al. **Transplant Proc** 1985 Aug;17(4):1959-60

Stability of renal allograft recipients after conversion from cyclosporine to azathioprine. Carpenter CB, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):261-5

Spontaneous intraperitoneal rupture of a lymphocele associated with a renal allograft. Chandran KG, et al. **Transplant Proc** 1985 Aug;17(4):2011-3

Cyclosporine nephrotoxicity and the consequences of conversion to azathioprine. Chapman JR, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):254-60

Postoperative continuous positive airway pressure helps to prevent pulmonary infection after human renal transplantation. Cordier P, et al. **Transplant Proc** 1984 Oct; 16(5):1337-9

Urinary exfoliative cytology in kidney allografts under cyclosporine therapy. Cortesini R, et al. **Transplant Proc** 1984 Oct;16(5):1200-1

Immunologic monitoring of monoclonal antibody therapy: comparison of five antibodies as immunosuppressants of renal allograft rejection. Cosimi AB, et al. **Transplant Proc** 1984 Dec;16(6):1459-61

Immunologic monitoring of antithymocyte globulin treatment for acute allograft rejection. Delmonico FL, et al. **Transplant Proc** 1984 Dec;16(6):1492-3

Are DRW6-positive patients high responders? Donnelly PK, et al. **Transplant Proc** 1984 Oct;16(5):1153-5

Antithymocyte globulin-induced prolongation of human renal allograft survival in recipients with in vitro steroid-resistant ADCC. Dumble LJ, et al. **Transplant Proc** 1984 Dec;16(6):1503-5

Depressed natural killer function in transplant recipients: an analysis. Dupont E, et al. **Transplant Proc** 1984 Dec; 16(6):1506-8

Percutaneous nephrostomy: a therapeutic procedure for the management of urinary leakage and obstruction in renal transplantation. Eklund B, et al. **Transplant Proc** 1984 Oct; 16(5):1304-7

Depressed proliferative responses in autologous mixed lymphocyte cultures and to soluble antigen by lymphocytes from long-term renal allograft recipients. Ellis TM, et al. **Transplant Proc** 1984 Dec;16(6):1530-1

A comparative assessment of the quality of life of successful kidney transplant patients according to source of graft. Evans RW, et al. **Transplant Proc** 1984 Oct;16(5):1353-8

Aseptic necrosis following renal transplantation: a 25-year experience. Farge D, et al. **Transplant Proc** 1985 Aug; 17(4):1947-50

Beta-2-microglobulin versus creatinine as the sole indicator of rejection in renal transplants. Fields BL, et al. **Transplant Proc** 1984 Dec;16(6):1591-3

Value of the serum beta-2-microglobulin/serum creatinine ratio following renal transplantation. Finn WF, et al. **Transplant Proc** 1984 Dec;16(6):1609-12

The case against conversion to azathioprine in cyclosporine-treated renal recipients. Flechner SM, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):276-81

Urine thromboxane as an immunologic monitor in kidney transplant patients. Foegh ML, et al. **Transplant Proc** 1984 Dec;16(6):1603-5

The value of digital substraction angiography in early renal transplantation course. Fries D, et al. **Transplant Proc** 1984 Oct;16(5):1293-5

The effect of pretransplant blood transfusions on renal allograft survival in patients on cyclosporine. Gardner B, et al. **Transplant Proc** 1984 Oct;16(5):1172-3

Ischemic necrosis of the allograft ureter. Gianello P, et al. **Transplant Proc** 1984 Oct;16(5):1301-3

High-dose versus low-dose steroid therapy in conjunction with rabbit anti-human lymphocyte serum: flow cytometric monitoring of lymphocyte parameters. Green WF, et al. **Transplant Proc** 1984 Dec;16(6):1517-9

A prospective controlled clinical trial of aminophylline as an adjunctive immunosuppressive agent. Guillou PJ, et al. **Transplant Proc** 1984 Oct;16(5):1218-20

Steroid treatment and aseptic necrosis of the femoral head in renal transplant recipients. Haajanen J, et al. **Transplant Proc** 1984 Oct;16(5):1316-9

Cadaver kidney transplantation with cold ischemia time from 48 to 95 hours. Haberal M, et al. **Transplant Proc** 1984 Oct;16(5):1330-2

Effect of transfusions of cadaver donors on survival of first kidney grafts in transfused recipients. Harder F, et al. **Transplant Proc** 1984 Oct;16(5):1170-1

Pregraft allogeneic platelets are comparable with pregraft blood in prolonging the survival of rat renal allografts. Hibberd AD, et al. **Transplant Proc** 1985 Apr;17(2):1655-7

Influence of HLA-DRW6 in the recipient on occurrence of acute rejection of first renal allografts: beneficial influence of antithymocyte globulin as antirejection treatment. Hoitsma AJ, et al. **Transplant Proc** 1984 Oct; 16(5):1156-8

Perforation of the acalculous gallbladder following renal transplantation. Hopkinson GB, et al. **Transplant Proc** 1985 Aug;17(4):2014-5

Immunologic studies of red cell antigens in the renal transplant patient. Ishibashi M, et al. **Transplant Proc** 1984 Dec;16(6):1509-11

Indium-111-labeled platelets as a diagnostic aid in posttransplant monitoring of renal allografts in humans. Jurewicz WA, et al. **Transplant Proc** 1984 Dec;16(6):1481-3

The value of serial serum trough cyclosporine levels in human renal transplantation. Kahan BD, et al. **Transplant Proc** 1984 Oct;16(5):1195-9

Impact of mode of pretransplant loading with cyclosporine on the incidence of early rejection in haploidentical living related donor renal recipients. Kahan BD, et al. **Transplant Proc** 1984 Dec;16(6):1619-23

Viral infections in kidney transplant recipients: lack of correlation with skin cancer. Kelly GE, et al. **Transplant Proc** 1985 Apr;17(2):1689-92

Cyclosporine nephrotoxicity: exploration of the risk factors and prognosis of the renal injury. Keown PA, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):247-53

Correlation of visual 51Cr release and flow cytometry crossmatch results and graft survival. Kerman R, et al. **Transplant Proc** 1984 Dec;16(6):1430-3

Circulating immune complexes before and after renal transplantation. Keusch G, et al. **Transplant Proc** 1984 Oct; 16(5):1179-80

Optimal cyclosporine plasma levels decline with time of therapy. Klintmalm G, et al. **Transplant Proc** 1984 Oct; 16(5):1208-11

Correlation between core biopsy and aspiration cytology. Koller C, et al. **Transplant Proc** 1984 Oct;16(5):1298-300

Selection of donors for living related transplants. Koniavitou-Hadjiyannaki K, et al. **Transplant Proc** 1984 Oct;16(5):1327-9

The real meaning of changing peripheral blood helper to cytotoxic/suppressor cell ratio during renal allograft rejection. Kovithavongs T, et al. **Transplant Proc** 1984 Dec; 16(6):1486-9

Status of monoclonals used therapeutically in transplantation. Kreis H, et al. **Transplant Proc** 1984 Dec;16(6):1655-7

Use of fine needle aspiration cytology to diagnose rejection. Kreis HA. **Transplant Proc** 1984 Dec;16(6):1569-72

Active hepatitis B vaccination in immunosuppressed patients. Lauchart W, et al. **Transplant Proc** 1984 Oct;16(5):1348-9

Cyclosporine, azathioprine, and prednisone as treatment for cyclosporine-induced nephrotoxicity in renal transplant recipients. Lorber MI, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):282-5

Early determination of renal allograft survival: a correlation between cytotoxic antibodies in recipient sera, renal pathology, and response to antirejection therapy. Lordon RE, et al. **Transplant Proc** 1984 Dec;16(6):1588-90

Sequential Minnesota antilymphoblast globulin and cyclosporine therapy after cadaver renal transplantation. Ludwin D, et al. **Transplant Proc** 1985 Aug;17(4):1943-4

Complications related to the route of Minnesota antilymphoblast globulin administration in renal transplant recipients. Ludwin D, et al. **Transplant Proc** 1985 Aug; 17(4):1945-6

Complement-dependent cytotoxicity detected by 51Cr release: a predictor of kidney graft rejection. McConnachie PR, et al. **Transplant Proc** 1984 Dec;16(6):1448-50

Conversion from cyclosporine to azathioprine in renal graft recipients. MacDonald AS, et al. **Transplant Proc** 1985 Aug;17(4):1940-2

Donor-specific cellular responses and preexisting nonspecific responsiveness as interrelated determinants of renal transplant survival. MacSween JM, et al. **Transplant Proc** 1984 Dec;16(6):1410-2

Monitoring the renal allograft by immunofluorescence of tubular epithelial cells in the urine sediment. Madras PN, et al. **Transplant Proc** 1984 Dec;16(6):1583-5

Cyclosporine in the treatment of acute allograft rejection refractory to high-dose methylprednisolone: results of a prospectively randomized trial. Margreiter R, et al. **Transplant Proc** 1984 Oct;16(5):1202-4

Organ and tissue preservation for transplantation: monitoring by 31P nuclear magnetic resonance. Marshall V, et al. **Transplant Proc** 1985 Apr;17(2):1693-6

Donor-specific suppressor cells and donor-specific loss of cell-mediated lympholysis in renal allograft recipients: a comparative study. Mathew M, et al. **Transplant Proc** 1984 Dec;16(6):1478-80

Allograft renal vein thrombosis. Merion RM, et al. **Transplant Proc** 1985 Apr;17(2):1746-50

Morphological patterns in cyclosporine-treated renal transplant recipients. Mihatsch MJ, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):101-16

Daily monitoring of T cell subpopulations in renal allograft recipients: high-resolution measurement of T cell kinetics and their relevance to clinical course. Mohanakumar T, et al. **Transplant Proc** 1984 Dec;16(6):1490-1

Withdrawal of azathioprine and antilymphocyte globulins in kidney transplant recipients with cytomegalovirus. Mourad G, et al. **Transplant Proc** 1984 Oct;16(5):1313-5

Immunologic monitoring of patients awaiting transplantation and subjected to lymphocyte removal. Niblack GD, et al. **Transplant Proc** 1984 Dec;16(6):1443-5

A Japanese trial of cyclosporine in living related and cadaveric renal transplantation. Ochiai T, et al. **Transplant Proc** 1985 Aug;17(4):2035-40

Cell-mediated lympholysis in kidney transplant recipients. Ono E, et al. **Transplant Proc** 1984 Dec;16(6):1594-7

Preliminary multicenter analysis of HLA-DRW6 effect. Opelz G. **Transplant Proc** 1984 Oct;16(5):1167-9

The prognostic value of renal allograft biopsy in acute rejection. Parfrey PS, et al. **Transplant Proc** 1985 Aug; 17(4):1951-4

T cell subset analysis and immune monitoring of kidney transplant recipients experiencing reversal or nonreversal of steroid-resistant rejection by plasma leukapheresis. Pennline KJ, et al. **Transplant Proc** 1984 Dec;16(6):1550-4

Experiences with ureteroureteral anastomosis in renal transplant: early complications and late results. Perner F, et al. **Transplant Proc** 1984 Oct;16(5):1335-6

A positive prognostic factor in renal transplantation: long-term function of previous graft. Persson H, et al. **Transplant Proc** 1984 Oct;16(5):1174

Treatment of acute rejection with cyclosporine. Pettersson E, et al. **Transplant Proc** 1984 Oct;16(5):1205-7

Azathioprine suppression of natural killer activity and antibody-dependent cellular cytotoxicity in renal transplant recipients. Prince HE, et al. **Transplant Proc** 1984 Dec; 16(6):1475-7

Evaluation of lymphocyte subsets and suppressor cell function in long-term renal transplant recipients. Redlich PN, et al. **Transplant Proc** 1984 Dec;16(6):1555-7

HLA-DRW6 and autoantibodies in recipients of first kidney grafts. Reekers P, et al. **Transplant Proc** 1984 Oct; 16(5):1159-61

HLA-A, -B, and -DR matching and preoperative transfusions in renal transplantation. Reinitz ER, et al. **Transplant Proc** 1984 Dec;16(6):1415-8

Multiple specificities of B lymphocyte-reactive antibodies and their significance in renal allograft survival. Rhodes CL, et al. **Transplant Proc** 1984 Dec;16(6):1425-6

Natural killer activity in renal allograft recipients and response to interferon. Rigby RJ, et al. **Transplant Proc** 1985 Apr;17(2):1682-4

Immunopharmacodynamic profiles in renal transplant patients treated intravenously with cyclosporine. Rogers AJ, et al. **Transplant Proc** 1984 Dec;16(6):1634-6

Virus-specific cytotoxic lymphocyte responses are predictive of the outcome of cytomegalovirus infection of renal transplant recipients. Rook AH, et al. **Transplant Proc** 1984 Dec;16(6):1466-9

Increased monocyte size and Fc receptor-dependent chemoluminescence in renal transplant patients. Rush DN, et al. **Transplant Proc** 1985 Aug;17(4):1978-80

Kidney transplants from living nonrelated donors: an analysis of 87 cases, including 20 cases with specific blood transfusions from the donor. Sabbaga E, et al. **Transplant Proc** 1985 Apr;17(2):1741-5

Radionuclide scintigraphy in cytomegalovirus-related renal allograft dysfunction. Schulak JA, et al. **Transplant Proc** 1985 Apr;17(2):1758-62

Cancer development in patients progressing to dialysis and renal transplantation. Sheil AG, et al. **Transplant Proc** 1985 Apr;17(2):1685-8

Posttransplant immune monitoring with monoclonal antibodies. Shield CF 3d, et al. **Transplant Proc** 1984 Dec; 16(6):1496-8

Management and prevention of cyclosporine nephrotoxicity after renal transplantation: use of low doses of cyclosporine, azathioprine, and prednisone. Simmons RL, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):266-75

Surgical and functional aspects of combined donor nephrectomy and hepatectomy. Slooff MJ, et al. **Transplant Proc** 1984 Oct;16(5):1346-7

Fluorescent and light microscopic analysis of peripheral blood leukocytes from human renal allograft recipients. Smith WJ, et al. **Transplant Proc** 1984 Dec;16(6):1546-7

Delayed major arterial hemorrhage after transplant nephrectomy. Starnes HF, et al. **Transplant Proc** 1984 Oct; 16(5):1320-3

Urinary tract reconstruction before renal transplantation. Stephenson TP, et al. **Transplant Proc** 1984 Oct; 16(5):1340-1

Cadaveric renal transplantation in two patients with preexisting Hodgkin's lymphoma. Stock S, et al. **Transplant Proc** 1984 Oct;16(5):1362-3

A comparison of the clinical, histopathologic, cytologic, and biochemical features of renal transplant rejection, cyclosporine A nephrotoxicity, and stable renal function. Taube D, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):179-84

Is cyclosporine A-induced nephrotoxicity in recipients of renal allografts progressive? Thiel G, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):169-78

Cyclosporine alone or in combination with prednisone in cadaveric renal transplantation. Thiel G, et al. **Transplant Proc** 1984 Oct;16(5):1187-90

Differential effects of horse ATG and rabbit ATG on T cell and T cell subset levels measured by monoclonal antibodies. Thomas FT, et al. **Transplant Proc** 1984 Dec;16(6):1561-3

Spontaneous blastogenesis and protein synthesis as monitors of renal allograft rejection. Thomas JH, et al. **Transplant Proc** 1984 Dec;16(6):1600-2

Pretransplant immunologic considerations. Thorsby E, et al. **Transplant Proc** 1984 Dec;16(6):1649-53

Rehabilitation of pediatric renal allograft recipients: the present status and the problems. Umeyama T, et al. **Transplant Proc** 1984 Dec;16(6):1677-80

Cyclosporine improves outcome in high-risk cadaveric renal allograft recipients. Van Buren CT, et al. **Transplant Proc** 1984 Oct;16(5):1162-6

The antagonistic effect of rifampin upon cyclosporine bioavailability. Van Buren D, et al. **Transplant Proc** 1984 Dec;16(6):1642-5

A restriction phenomenon involved in the blood transfusion effect. van Es AA, et al. **Transplant Proc** 1984 Dec; 16(6):1434-40

Prednisolone half-life and T lymphocytes in renal allograft recipients. Walker KB, et al. **Transplant Proc** 1985 Apr; 17(2):1679-81

Allograft rejection and the nephrotic syndrome. Waltzer WC, et al. **Transplant Proc** 1985 Apr;17(2):1763-7

Acute lymphedema in a renal allograft--an unusual cause of early postoperative transplant dysfunction. Waltzer WC, et al. **Transplant Proc** 1985 Apr;17(2):1755-7

Management of bladder neck contracture at the time of renal transplantation. Waltzer WC, et al. **Transplant Proc** 1985 Aug;17(4):2009-10

Use of self-retained coiled silicone stent for management of recurrent renal transplant ureteral stricture. Waltzer WC, et al. **Transplant Proc** 1985 Aug;17(4):2016-8

Restoration of urinary tract continuity after necrosis of the pelvis and ureter in a transplanted kidney: the Boari flap. Waltzer WC, et al. **Transplant Proc** 1984 Oct;16(5):1367-71

Renal transplantation and Boeck's sarcoidosis. Waltzer WC, et al. **Transplant Proc** 1984 Oct;16(5):1359-61

Usefulness of captopril in the management of hypertension after renal transplantation. Waltzer WC, et al. **Transplant Proc** 1984 Oct;16(5):1372-4

Natural killer activity after renal transplantation. Waltzer WC, et al. **Transplant Proc** 1984 Dec;16(6):1527-9

T cell subsets in fine needle aspiration biopsies from renal transplant recipients. Waugh J, et al. **Transplant Proc** 1985 Apr;17(2):1701-3

Increase of natural killer cells in rejecting kidney grafts. Weber B, et al. **Transplant Proc** 1984 Oct;16(5):1177-8

Major affective disorder in a renal transplant recipient following the transplant-associated death of the donor. Weddington WW Jr, et al. **Transplant Proc** 1985 Aug; 17(4):2023-5

Digital substraction arteriography in vascular assessment of renal transplants. Wise M, et al. **Transplant Proc** 1984 Oct; 16(5):1296-7

1-Desamino 8-D arginine-vasopressin in the diagnosis and treatment of central diabetes insipidus in a patient after cadaveric renal transplantation. Zeller WP, et al. **Transplant Proc** 1985 Aug;17(4):2007-8

Enhanced resistance to the effects of hypothermic ischemia in the preserved canine kidney. Anaise D, et al. **Transplantation** 1984 Dec;38(6):570-4

Pretreatment of renal allograft recipients with immunosuppression and donor-specific blood. Anderson CB, et al. **Transplantation** 1984 Dec;38(6):664-8

Outcome of second kidney allografts following failure of transplants from living-related donors. Barber WH, et al. **Transplantation** 1985 Aug;40(2):225-8

The role of suppressor cells in maintaining passively enhanced rat kidney allografts. Barber WH, et al. **Transplantation** 1984 Nov;38(5):548-51

Occurrence of isohemagglutinins of graft origin after transplantation of an ABO-unmatched renal allograft is related to the cyclosporine medication [letter] Beelen JM, et al. **Transplantation** 1985 Sep;40(3):340

Combination perfusion-cold storage for optimum cadaver kidney function and utilization. Belzer FO, et al. **Transplantation** 1985 Feb;39(2):118-21

Similar renal allograft functional survival rates for kidneys from sibling donors matched for zero-versus-one haplotype with the recipient. Bentley FR, et al. **Transplantation** 1984 Dec;38(6):674-9

Withdrawal of cyclosporine treatment one year after renal transplantation. Birkeland SA. **Transplantation** 1985 Jun; 39(6):677-8

Malignant disease in renal transplant patients. Blohmé I, et al. **Transplantation** 1985 Jan;39(1):23-5

Lymphocyte function in patients treated with monoclonal anti-T3 antibody for acute cadaveric renal allograft rejection. Bowen A, et al. **Transplantation** 1984 Nov; 38(5):489-93

Successful renal transplantation using distantly related or unrelated living donors with donor-specific blood transfusion. Bowen PA 2d, et al. **Transplantation** 1985 Apr; 39(4):450-3

Evidence that rat renal allografts are rejected by cytotoxic T cells and not by nonspecific effectors. Bradley JA, et al. **Transplantation** 1985 Feb;39(2):169-75

Characteristics of early routine renal allograft biopsies. Burdick JF, et al. **Transplantation** 1984 Dec;38(6):679-84

Improved renal allograft survival following donor-specific transfusions. I. Induction of antibodies that inhibit primary antidonor MLC response. Burlingham WJ, et al. **Transplantation** 1985 Jan;39(1):12-7

The vascular endothelial cell antigen system. Cerilli J, et al. **Transplantation** 1985 Mar;39(3):286-9

Induction of immune alterations and successful renal transplantation with a simplified method of donor-specific blood transfusion. Cheigh JS, et al. **Transplantation** 1984 Nov;38(5):501-6

Mechanisms underlying continued survival of rat kidney allografts after a short period of chemical immunosuppression. Chui YL, et al. **Transplantation** 1985 Aug;40(2):150-3

In vitro evidence for defective afferent immune function in long-term renal allograft recipients. Ellis TM, et al. **Transplantation** 1985 Feb;39(2):127-32

Dramatic improvement in the success rate for renal transplants in diabetic recipients with donor-specific transfusions. Feduska NJ, et al. **Transplantation** 1984 Dec; 38(6):704-8

Proteinuria following transplantation. Correlation with histopathology and outcome. First MR, et al. **Transplantation** 1984 Dec;38(6):607-12

Membranous glomerulopathy following kidney transplantation. Association with renal vein thrombosis in two of nine cases. First MR, et al. **Transplantation** 1984 Dec;38(6):603-7

Flush solution 2, a new concept for one-to-three-day hypothermic renal storage preservation. Functional recovery after preservation in Euro-Collins, Collins' C2, hypertonic citrate, and F.2 solution. Fischer JH, et al. **Transplantation** 1985 Feb;39(2):122-6

The use of cyclosporine in living-related renal transplantation. Donor-specific hyporesponsiveness and steroid withdrawal. Flechner SM, et al. **Transplantation** 1984 Dec;38(6):685-91

HNK-1+ (Leu-7) and other lymphocyte subsets in long-term survivors with renal allotransplants. Fregona I, et al. **Transplantation** 1985 Jan;39(1):25-9

Pharmacokinetics of 3 prednisolone prodrugs. Evidence of therapeutic inequivalence in renal transplant patients with rejection. Frey BM, et al. **Transplantation** 1985 Mar; 39(3):270-4

Time course of glomerular endothelial injury related to pulsatile perfusion preservation. Gattone VH 2d, et al. **Transplantation** 1985 Apr;39(4):396-9

A four-year experience with donor blood transfusion protocols for living-donor renal transplantation. Glass NR, et al. **Transplantation** 1985 Jun;39(6):615-9

Occurrence of posttransplant donor-specific cell-mediated lympholysis nonreactivity in renal allograft recipients with perioperative transfusions only. Goulmy E, et al. **Transplantation** 1985 Jan;39(1):105-7

Procoagulant activity in renal transplant recipients. Halloran PF, et al. **Transplantation** 1985 Apr;39(4):374-7

Transmission of latent cytomegalovirus in a murine kidney tissue transplantation model. Hamilton JD, et al. **Transplantation** 1985 Mar;39(3):290-6

Immunohistological analysis of serial biopsies taken during human renal allograft rejection. Changing profile of infiltrating cells and activation of the coagulation system. Hancock WW, et al. **Transplantation** 1985 Apr;39(4):430-8

Fulminant hepatic failure in an HBsAg carrier renal transplant patient following cessation of immunosuppressive therapy. Hanson CA, et al. **Transplantation** 1985 Mar;39(3):311-2

Pharmacokinetics and nephrotoxicity of cyclosporine in renal transplant recipients. Henny FC, et al. **Transplantation** 1985 Sep;40(3):261-5

Improved patient and graft survival after treatment of acute rejections of cadaveric renal allografts with rabbit antithymocyte globulin. Hoitsma AJ, et al. **Transplantation** 1985 Mar;39(3):274-9

Transmission of malaria by renal transplantation. Holzer BR, et al. **Transplantation** 1985 Mar;39(3):315-6

Percutaneous endoscopic treatment of fungus ball obstruction in a renal allograft. Ireton RC, et al. **Transplantation** 1985 Apr;39(4):453-4

Nonphagocytotic, Ia-bearing cells of host origin in acutely rejected rat renal allografts. Ishikura H, et al. **Transplantation** 1985 May;39(5):561-3

Immunogenicity of hepatitis B vaccine in renal transplant recipients. Jacobson IM, et al. **Transplantation** 1985 Apr; 39(4):393-5

OKT4 and OKT4A antibody treatment as immunosuppression for kidney transplantation in rhesus monkeys. Jonker M, et al. **Transplantation** 1985 Mar; 39(3):247-53

A description of cuff techniques for renal transplantation in the rat. Use in studies of tolerance induction during combined liver grafting. Kamada N. **Transplantation** 1985 Jan;39(1):93-5

Inhibition of human in vivo cytotoxic T lymphocyte generation by cyclosporine following organ transplantation. Keown PA, et al. **Transplantation** 1985 Jul;

40(1):45-9

Cyclosporine plasma levels in renal transplant patients. Association with renal toxicity and allograft rejection. Klintmalm G, et al. **Transplantation** 1985 Feb;39(2):132-7

Relationships among the histologic pattern, intensity, and phenotypes of T cells infiltrating renal allografts. Kolbeck PC, et al. **Transplantation** 1984 Dec;38(6):709-13

In vitro immunoglobulin production in long-term renal transplant recipients. Landsberg DN, et al. **Transplantation** 1985 Apr;39(4):389-92

Lymphocyte sensitivity to glucocorticoids before and after cadaver kidney transplantation. Langhoff E, et al. **Transplantation** 1985 Mar;39(3):318-20

Inhibition of prednisolone metabolism by cyclosporine in kidney-transplanted patients. Langhoff E, et al. **Transplantation** 1985 Jan;39(1):107-9

The impact of low donor-specific MLR versus HLA-DR compatibility on kidney graft survival. Langhoff E, et al. **Transplantation** 1985 Jan;39(1):18-21

The early posttransplant prognosis of acute renal allograft rejection as determined by detection of cytotoxic antibodies to lymphoid B cell lines. Lordon RE, et al. **Transplantation** 1984 Nov;38(5):493-7

Immune mechanisms in organ allograft rejection. VI. Delayed-type hypersensitivity and lymphotoxin in experimental renal allograft rejection. Lowry RP, et al. **Transplantation** 1985 Aug;40(2):183-8

Prospective DR matching for first cadaver donor renal allografts and retransplantation. Lucas BA, et al. **Transplantation** 1985 Jan;39(1):39-44

Total parathyroidectomy for posttransplantation hyperparathyroidism. McCarron DA, et al. **Transplantation** 1985 Sep;40(3):266-9

Severe bleeding diathesis associated with invasive aspergillosis in transplant patients. McClellan SL, et al. **Transplantation** 1985 Apr;39(4):406-10

Evidence that protective Fc-receptor-blocking antibodies in renal transplantation are alloantibodies not autoantibodies. MacLeod AM, et al. **Transplantation** 1985 May;39(5):520-3

Successful renal transplantation of patients sensitized following deliberate unrelated blood transfusions. Martin S, et al. **Transplantation** 1985 Mar;39(3):256-8

Recurrence of diabetic nodular glomerulosclerosis in a renal transplant. Maryniak RK, et al. **Transplantation** 1985 Jan;39(1):35-8

Treatment of renal transplant rejection episodes in patients receiving prednisone and azathioprine. A cost-effective approach. Matas AJ, et al. **Transplantation** 1985 Jul;40(1):35-9

Failure of B-cold lymphocytotoxins to enhance cadaveric renal allograft survival. Mendez R, et al. **Transplantation** 1985 Sep;40(3):253-6

The influence of HLA-A, B, and DR matching on graft survival in primary cadaveric renal transplantation in Belfast. Middleton D, et al. **Transplantation** 1985 Jun;39(6):608-10

ABO-autoimmune hemolytic anemia following renal allograft [letter] Moore SB. **Transplantation** 1985 Jan;39(1):111

T cell colony-forming frequency of mononucleated cells extracted from rejected human kidney transplants. Functional and phenotypic studies of the colonies. Moreau JF, et al. **Transplantation** 1985 Jun;39(6):649-56

Successful cadaver kidney transplantation in patients highly sensitized by blood transfusions. Unimportance of the most reactive serum in the pretransplant crossmatch. Norman DJ, et al. **Transplantation** 1985 Mar;39(3):253-5

Recurrent membranous glomerulonephritis in two renal transplants. Obermiller LE, et al. **Transplantation** 1985 Jul;40(1):100-2

Correlation of HLA matching with kidney graft survival in patients with or without cyclosporine treatment. Opelz G. **Transplantation** 1985 Sep;40(3):240-3

The impact of renal transplantation on the course of hepatitis B liver disease. Parfrey PS, et al. **Transplantation** 1985 Jun;39(6):610-5

Glomerular sclerosis in a renal isograft and identical twin donor. A family study. Parfrey PS, et al. **Transplantation** 1984 Oct;38(4):343-6

The diagnostic and prognostic value of renal allograft biopsy. Parfrey PS, et al. **Transplantation** 1984 Dec;38(6):586-90

The role of azathioprine reduction in late renal allograft failure. Parfrey PS, et al. **Transplantation** 1985 Feb;39(2):147-51

Vascular endothelial alloantigens in renal transplantation. Paul LC, et al. **Transplantation** 1985 Aug;40(2):117-23 (89 ref.)

Transmission of tuberculosis by kidney transplantation. Peters TG, et al. **Transplantation** 1984 Nov;38(5):514-6

Prophylactic oral acyclovir after renal transplantation. Pettersson E, et al. **Transplantation** 1985 Mar;39(3):279-81

Planned random donor blood transfusion in preparation for transplantation. Sensitization and graft survival. Pfaff WW, et al. **Transplantation** 1984 Dec;38(6):701-3

Cytotoxic T cells recognizing minor transplantation antigens, and possibly a variant of the HLA-B8 molecule. Cause of rejection of an HLA-identical sibling kidney transplant? Pfeffer PF, et al. **Transplantation** 1984 Nov;38(5):517-22

Pretransplant warm B cell antibodies in recipients of primary and retransplanted cadaver renal allografts. Posner MP, et al. **Transplantation** 1984 Dec;38(6):638-43

Decreased circulating large granular lymphocytes associated with depressed natural killer cell activity in renal transplant recipients. Ramsey KM, et al. **Transplantation** 1984 Oct;38(4):351-6

Conversion from cyclosporine to azathioprine in renal allograft recipients. Rocher LL, et al. **Transplantation** 1984 Dec;38(6):669-74

Immunopharmacodynamic evaluation of cyclosporine-treated renal allograft recipients. Rogers AJ, et al. **Transplantation** 1984 Dec;38(6):657-64

Positive T cell crossmatch with stored recipient sera in cadaveric renal transplantation. Rosenthal JT, et al. **Transplantation** 1985 Mar;39(3):310-1

Multicenter seroepidemiologic study of the impact of cytomegalovirus infection on renal transplantation. Rubin RH, et al. **Transplantation** 1985 Sep;40(3):243-9

The use of fine-needle intrarenal manometry in the management of renal transplant patients receiving cyclosporine. Salaman JR, et al. **Transplantation** 1985 May;39(5):523-6

The effect of HLA-A, -B matching on cadaver renal allograft rejection comparing public and private specificities. Sanfilippo F, et al. **Transplantation** 1984 Nov;38(5):483-9

The detrimental effects of delayed graft function in cadaver donor renal transplantation. Sanfilippo F, et al. **Transplantation** 1984 Dec;38(6):643-8

Lack of influence of donor-recipient differences in subtypic HLA-A,B antigens (splits) on the outcome of cadaver renal transplantation. Sanfilippo F, et al. **Transplantation** 1985 Feb;39(2):151-6

Successful DR-incompatible cadaver kidney transplantation. Combined effect of HLA A and B matching and blood transfusion. Schulak JA, et al. **Transplantation** 1984 Dec;38(6):649-53

Role of regular and leukocyte-free blood transfusions in the generation of broad sensitization. Scornik JC, et al. **Transplantation** 1984 Dec;38(6):594-8

Binding of antihuman globulin by exfoliated renal tubular cells following kidney transplantation. Simpson M, et al. **Transplantation** 1985 Apr;39(4):400-5

The role of pretransplant immunity in protection from cytomegalovirus disease following renal transplantation. Smiley ML, et al. **Transplantation** 1985 Aug;40(2):157-61

A pilot trial of a novel cytomegalovirus immune globulin in renal transplant recipients. Snydman DR, et al. **Transplantation** 1984 Nov;38(5):553-7

Donor-specific transfusions in unrelated and related HLA-mismatched donor-recipient combinations. Sollinger HW, et al. **Transplantation** 1984 Dec;38(6):612-5

Long-term effect of splenectomy versus no splenectomy in renal transplant patients. Reanalysis of a randomized prospective study. Sutherland DE, et al. **Transplantation** 1984 Dec;38(6):619-24

Influence of DR matching in cadaveric renal transplants performed with cyclosporine. A retrospective analysis of one center. Taylor RJ, et al. **Transplantation** 1984 Dec;38(6):616-8

Improved T cell subset monitoring by immunogold staining following renal transplantation. Tomaszewski JE, et al. **Transplantation** 1984 Dec;38(6):591-4

Low-density lipoprotein metabolism following renal transplantation. Tsakiris D, et al. **Transplantation** 1985 Apr;39(4):458-60

Complement activation associated with active cytomegalovirus infection in renal transplant patients, and its absence in transplant rejection episodes. van Son WJ, et al. **Transplantation** 1985 May;39(5):510-4

Pneumatosis intestinalis in patients after cadaveric kidney transplantation. Possible relationship with an active cytomegalovirus infection. van Son WJ, et al. **Transplantation** 1984 Nov;38(5):506-10

Intraorgan pressure changes in rejecting kidney, liver, and heart transplants in the rat. Vasir B, et al. **Transplantation** 1985 Jul;40(1):17-21

Thrombocyte aggregates in renal allografts. Analysis with fine-needle aspiration biopsy and monoclonal antithrombocyte antibodies. von Willebrand E, et al. **Transplantation** 1985 Mar;39(3):258-62

The effect of pretransplant stored donor-specific blood transfusion on renal allograft survival in one-haplotype living-related transplant recipients. Whelchel JD, et al. **Transplantation** 1984 Dec;38(6):654-6

Cyclosporine-associated central nervous system toxicity after renal transplantation. Wilczek H, et al. **Transplantation** 1985 Jan;39(1):110

Reasons why kidneys removed for transplantation are not transplanted in the United States. Williams GM, et al. **Transplantation** 1984 Dec;38(6):691-4

Suppression of renal allograft rejection in the rat by class I antigens on purified erythrocytes. Wood KJ, et al. **Transplantation** 1985 Jan;39(1):56-62

Prolongation of allograft survival by repeated cycles of donor antigen and cyclosporine in rat kidney transplantation. Yasumura T, et al. **Transplantation** 1984 Oct;38(4):418-23

Impact of the timing of antigen administration on synergistic immunosuppression with cyclosporine. Yoshimura N, et al. **Transplantation** 1985 Jul;40(1):108-10

A study of paired cadaver kidney transplants. Middleton D, et al. **Ulster Med J** 1984;53(2):143-5

Duplex Doppler examination in renal disease: evaluation of vascular involvement. Rifkin MD, et al. **Ultrasound Med Biol** 1985 Mar-Apr;11(2):341-6

Proteinuria and renal function in kidney transplant donors 10-18 years after donor uninephrectomy. Mathillas O, et al. **Ups J Med Sci** 1985;90(1):37-42

Urodynamic consequences of a direct pyelocystostomy at autotransplantation of the kidney. Ranch T, et al. **Urol Int** 1985;40(2):82-7

Unusual renal pseudotumor (cloison) in a young woman with chronic rejection of a transplanted kidney. Gain DL, et al. **Urol Radiol** 1985;7(2):112-5

Interventional radiologic procedures in the management of the renal transplant patient. Glanz S, et al. **Urol Radiol** 1985;7(2):97-105

Fine-needle antegrade pyelography of transplanted kidneys. Schmeller NT, et al. **Urol Radiol** 1985;7(1):19-22

Prolongation of rat renal allograft survival time by donor pretreatment with 8-methoxypsoralen and longwave ultraviolet irradiation of the graft (PUVA therapy). Oesterwitz H, et al. **Urol Res** 1985;13(2):95-8

Renal transplantation in the rat--a new simple, non-suture technique. Savas CP, et al. **Urol Res** 1985;13(2):91-3

Arteriocalyceal fistula after grafted kidney biopsy. Successful management by selective catheter embolization. Benoit G, et al. **Urology** 1984 Nov;24(5):487-90

Living-related donor nephrectomy by eleventh rib intraperitoneal extrapleural incision. Cohen EL, et al. **Urology** 1985 Jun;25(6):579-81

Malakoplakia of urinary bladder following cadaveric renal transplantation. Deguchi T, et al. **Urology** 1985 Jul;26(1):92-4

Percutaneous catheter drainage of obstructed transplant kidney in pregnancy. Hartnell GG, et al. **Urology** 1985 May;25(5):522-3

Kidney transplantation. Rational approach to vascular anastomoses. Heaton JP, et al. **Urology** 1984 Oct;24(4):340-2

Persistent clot anuria complicating renal transplant biopsy. Kalash SS, et al. **Urology** 1985 Jun;25(6):591-5

Percutaneous transluminal dilatation of renal artery stenosis in transplanted kidney. Lucon AM, et al. **Urology** 1984 Nov;24(5):485-6

Hypercalcemia-induced upper gastrointestinal bleeding after renal transplantation. Saylor RP, et al. **Urology** 1984 Oct;24(4):337-9

Spontaneous fistula formation in renal pelvis of transplanted kidney. Villavicencio H, et al. **Urology** 1985 Mar;25(3):300-1

Advances in renal transplantation. Lobo PI. **Va Med** 1985 Mar;112(3):178-81

HBV-vaccination in recipients of kidney allografts. Feuerhake A, et al. **Vaccine** 1984 Dec;2(4):255-6

Cytomegalovirus vaccine: persistence of humoral immunity following immunization of renal transplant candidates. Sachs GW, et al. **Vaccine** 1984 Sep;2(3):215-8

Indications and late results of subtotal parathyroidectomy for hyperparathyroidism after renal transplantation. Sitges-Serra A, et al. **World J Surg** 1984 Aug;8(4):534-9

[Application of Chinese herbal drugs in renal xenogenous transplantation of the homologue] Su XF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):342-4 (Eng. Abstr.) **(Chi)**

[The angiographic evaluation of rejection of renal transplants] Chang ZJ. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):108-10 (Eng. Abstr.) **(Chi)**

[Prophylactic adjunctive use of antilymphocyte globulin in cadaveric renal transplantation] Xu QJ. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):215-7 (Eng. Abstr.) **(Chi)**

[Steroid cataract complicating kidney transplantation] Hu YX. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):267-70 **(Chi)**

[Infection of the urinary tract after kidney transplantation] Horčičkova M, et al. **Cas Lek Cesk** 1985 Aug 23;124(34):1070-3 (Eng. Abstr.) **(Cze)**

[Glomerulonephritis in the allogenic transplanted kidney. Diagnosis, clinical picture and significance in the prognosis of the graft] Jirka J, et al. **Cas Lek Cesk** 1985 Aug 9;124(32):998-1002 (Eng. Abstr.) **(Cze)**

[The value of the ultrasonographic examination in transplanted kidney] Marečková O, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1337-40 (Eng. Abstr.) **(Cze)**

[Transplantation of kidneys in patients with polycystic disease] Merta M, et al. **Cas Lek Cesk** 1985 Apr 26;124(17):525-9 (Eng. Abstr.) **(Cze)**

[Increased blood pressure after kidney transplantation. Analysis of factors on which it could be contingent] Zabka J, et al. **Vnitr Lek** 1984 Aug;30(8):777-84 (Eng. Abstr.) **(Cze)**

[Dialysis and transplantation in the treatment of 36 patients with insulin dependent diabetes mellitus and terminal uremia] Andersen AR, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1102-4 (Eng. Abstr.) **(Dan)**

[Kidney donation, possibilities and limitations] Jonkman EJ, et al. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1843-5 (Eng. Abstr.) **(Dut)**

[Immunobiology of kidney transplants] Paul LC, et al. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):487-9 **(Dut)**

[Kidney transplantation in the Netherlands] Paul LC, et al. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1859-60 **(Dut)**

[Cyclosporin, a new immunosuppressive agent?] Häyry P. **Duodecim** 1984;100(13):768-76 **(Fin)**

[Kidney transplantation in children] Salmela K. **Duodecim** 1984;100(17):1085-7 **(Fin)**

[What are the indications for nephrectomy in candidates for renal transplants] Benoit G, et al. **Ann Urol (Paris)** 1984 Feb;18(1):13-6 (Eng. Abstr.) **(Fre)**

[Renal transplantation and pregnancy] Benoit G, et al. **Ann Urol (Paris)** 1985;19(1):60-2 (Eng. Abstr.) **(Fre)**

[Urologic complication of renal transplantation. Importance of the length of the ureter] Benoit G, et al. **Ann Urol (Paris)** 1985;19(3):165-71 (Eng. Abstr.) **(Fre)**

[Urologic complications in adult kidney recipients] Choquenet C, et al. **Ann Urol (Paris)** 1985;19(3):172-6 (Eng. Abstr.) **(Fre)**

[Renal autotransplantation. Its role in urology] Faure G. **Ann Urol (Paris)** 1984 May;18(3):149-51 **(Fre)**

[Surgical indications for primary vesico-ureteral reflux in adult candidates for renal transplantation] Le Guillou M, et al. **Ann Urol (Paris)** 1984 Apr;18(2):124 (Eng. Abstr.) **(Fre)**

[Use of the receiver's own ureter, a remedial solution in lesions of the urinary tract, following renal transplantation] Le Guillou M, et al. **Ann Urol (Paris)** 1985;19(4):272-6 (Eng. Abstr.) **(Fre)**

[Pregnancy in renal transplant patients] Sarramon JP, et al. **Ann Urol (Paris)** 1985;19(1):57-9 (Eng. Abstr.) **(Fre)**

[Restoration of urinary continuity in renal transplantation] Sarramon JP, et al. **Ann Urol (Paris)** 1985;19(4):269-71 **(Fre)**

[Cytological analysis of the transplanted kidney] Droz D, et al. **Arch Anat Cytol Pathol** 1984;32(5):319 **(Fre)**

[Results of 310 cadaver kidney transplants in children and adolescents] Broyer M, et al. **Arch Fr Pediatr** 1985 Mar; 42(3):237-43 (Eng. Abstr.) **(Fre)**

[Captopril treatment of arterial hypertension in children after renal transplantation] Gagnadoux MF, et al. **Arch Mal Coeur** 1984 Oct;77(11):1229-33 (Eng. Abstr.) **(Fre)**

[Renal response to acute expansion of the extracellular volume in renal transplant patients] Mourad G, et al. **Arch Mal Coeur** 1984 Oct;77(11):1247-50 (Eng. Abstr.) **(Fre)**

[Per- and postoperative hemorrhage during ticlopidine therapy] Hurault de Ligny B, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):257 **(Fre)**

[Treatment of chronic renal insufficiency in the diabetic by dialysis and transplantation] Legrain M, et al. **Diabete Metab** 1985 Feb;11(1):51-69 (166 ref.) (Eng. Abstr.) **(Fre)**

[Are there specific echographic signs of cortical necrosis of a grafted kidney?] Meyblum J, et al. **J Radiol** 1984 Oct; 65(10):653-5 (Eng. Abstr.) **(Fre)**

[Rejection reaction and use of rifampicin in the treatment of tuberculosis in kidney transplantation] Farge D, et al. **Nephrologie** 1985;6(2):53-7 (Eng. Abstr.) **(Fre)**

[Early rejection crises and prognosis of the renal graft] Montandon A, et al. **Nephrologie** 1985;6(2):59-63 (Eng. Abstr.) **(Fre)**

[Immunologic selection of renal transplant donors and recipients: blood transfusions] Seignalet J, et al. **Nephrologie** 1984;5(3):123-9 (60 ref.) (Eng. Abstr.) **(Fre)**

[Continuous ambulatory peritoneal dialysis before renal transplantation] Fries D, et al. **Presse Med** 1985 Apr 13; 14(15):819-21 (Eng. Abstr.) **(Fre)**

[Intrafamilial renal transplantation in children after donor blood transfusions] Kaplan C, et al. **Presse Med** 1985 Jul 6;14(27):1455-8 (Eng. Abstr.) **(Fre)**

[Combined procurement of heart, liver and kidneys for the purpose of transplantation (letter)] Segol P, et al. **Presse Med** 1984 Oct 27;13(38):2325 **(Fre)**

[Kidney failure patients undergoing hemodialysis with aluminum poisoning after renal transplantation: electro-clinical aspects] Vecchierini-Blineau MF, et al. **Rev Electroencephalogr Neurophysiol Clin** 1985 Apr; 14(4):351-8 (Eng. Abstr.) **(Fre)**

[Use of monoclonal antibodies in the surveillance and treatment of renal allograft recipients] Baudrihaye MF. **Rev Med Liege** 1985 May 15;40(10):409-16 **(Fre)**

[The importance of active rosette-forming cells and specific antigen-binding cells in the diagnosis of rejection after allogeneic orthotopic kidney transplantation] Werner M, et al. **Allerg Immunol (Leipz)** 1984;30(3):146-58 (Eng. Abstr.) **(Ger)**

[Renal vein prosthesis in kidney transplantation] Hesse U, et al. **Chirurg** 1984 Sep;55(9):605-6 (Eng. Abstr.) **(Ger)**

[Herpes simplex infection after kidney transplantation under immunosuppression by cyclosporin. Diagnostic and therapeutic experiences] Dalhoff K, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1279-83 (Eng. Abstr.) **(Ger)**

[Hypertension after kidney transplantation: chronic rejection or arterial stenosis?] Eisenhauer T, et al. **Dtsch Med Wochenschr** 1985 May 31;110(22):878-80 (Eng. Abstr.) **(Ger)**

[Kidney transplantation: the end of classical immunosuppression with azathioprine?] Gonnermann D, et al. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1689-91 **(Ger)**

[Treatment of terminal kidney insufficiency with dialysis or transplantation] Kindler J, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):929-35 **(Ger)**

[Severe hemolysis during immunosuppressive therapy with cyclosporin A following kidney transplantation (letter)] Kirste G, et al. **Dtsch Med Wochenschr** 1985 Apr 19; 110(16):655-6 **(Ger)**

[Recurrences of extracapillary glomerulonephritis in 2 kidney grafts in the same patient] Leimenstoll G, et al. **Dtsch Med Wochenschr** 1985 Sep 13;110(37):1415-7 (Eng. Abstr.) **(Ger)**

[Severe hemolysis after ABO-incompatible organ transplantation (letter)] Watzke H, et al. **Dtsch Med Wochenschr** 1985 May 31;110(22):897-8 **(Ger)**

[Risks in pregnancy after kidney transplantation] Wolff F, et al. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1721-5 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic prophylaxis and the risk of wound infection in kidney transplantation] Grundmann R, et al. **Fortschr Med** 1984 Dec 20;102(47-48):1199-202 (Eng. Abstr.) **(Ger)**

[Tolerance to ischemia in in-situ operations and kidney transplantation. Development of a protective procedure] Hölscher M. **Fortschr Med** 1984 Nov 29;102(44):1138-40 (Eng. Abstr.) **(Ger)**

[Influence of the duration of ischemia on the function of cadaver kidney transplants] Landmann J, et al. **Helv Chir Acta** 1985 Apr;52(1):91-5 (Eng. Abstr.) **(Ger)**

[Use and limits of preventive antilymphocyte globulin therapy following kidney transplantation. A prospective randomized study] Grundmann R, et al. **Klin Wochenschr** 1984 Oct 15;62(20):979-85 (Eng. Abstr.) **(Ger)**

[Sympathetic activity in terminal renal failure and kidney transplants] Lang R, et al. **Klin Wochenschr** 1984 Nov 2; 62(21):1025-31 (Eng. Abstr.) **(Ger)**

[Current status of kidney transplantation and results] Habersetzer R, et al. **Lebensversicherungsmedizin** 1985 May 1;37(3):72-4 (Eng. Abstr.) **(Ger)**

[Results and specific problems in unrestricted indications for kidney transplantation in children] Amon O, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):603-7 (Eng. Abstr.) **(Ger)**

[The dialysis patient in the expert opinion of the public health officer from the viewpoint of the nephrologist or clinical assessment versus expert opinion] Bünger P. **Off Gesundheitswes** 1984 Sep;46(9):434-8 **(Ger)**

[Intravenous DSA following kidney transplantation] Gmelin E, et al. **ROFO** 1985 May;142(5):535-9 (Eng. Abstr.) **(Ger)**

[Roentgen diagnosis of malignant tumors in patients with kidney transplants] Raaijmakers PA, et al. **ROFO** 1984 Dec;141(6):678-82 (Eng. Abstr.) **(Ger)**

[Hypernephroid carcinoma of the glomerulonephritic atrophied kidney after kidney transplantation] Struve C, et al. **ROFO** 1984 Nov;141(5):587-8 **(Ger)**

[Retinal ERG activity after kidney transplantation and during regular hemodialysis] Svěrák J, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(5):579-95 (Eng. Abstr.) **(Ger)**

[Cadaveric kidney transplantation and HLA typing in Switzerland 1977-1981. Combined analysis of Swisstransplant and EDTA Registry] **Schweiz Med Wochenschr** 1984 Dec 29;114(52):1951-4 (Eng. Abstr.) **(Ger)**

[Tumors and kidney transplantation] Brünisholz M, et al. **Schweiz Med Wochenschr** 1984 Dec 22;114(51):1915-24 (73 ref.) (Eng. Abstr.) **(Ger)**

[Criteria for hemostasis in kidney transplant patients. Comparison of patients undergoing immunosuppression with cyclosporin and azathioprine steroids] Huser B, et al. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1149-54 (Eng. Abstr.) **(Ger)**

[Malignant testicular tumor treated with cytostatic drugs in a case of kidney transplantation for familial cystic kidney] Schmid L, et al. **Schweiz Med Wochenschr** 1984 Dec 1; 114(48):1767-8 (Eng. Abstr.) **(Ger)**

[The perfusate culture--bacteriologic monitoring of kidney grafts] Buchholz B, et al. **Urologe [Ausg A]** 1985 Jan; 24(1):36-8 (Eng. Abstr.) **(Ger)**

[Causes of hypertension following kidney transplantation with special reference to arterial stenoses] Dreikorn K, et al. **Urologe [Ausg A]** 1985 Jan;24(1):39-45 (Eng. Abstr.) **(Ger)**

[Immunologic and transplantation biology studies in patients with terminal renal failure] Lanzer G. **Wien Med Wochenschr [Suppl]** 1985;89:1-48 (Eng. Abstr.) **(Ger)**

[Microsurgical extracorporeal renal artery reconstruction. Experimental research on a kidney autotransplant model in dogs] Oesterwitz H, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(4):209-15 (Eng. Abstr.) **(Ger)**

[Bacteriological findings in urinary tract infections following kidney transplantation] Briedigkeit H, et al. **Z Gesamte Hyg** 1985 Apr;31(4):250-3 (Eng. Abstr.) **(Ger)**

[Cultural and serologic studies of the colonization of mycoplasmas in hemodialysis and kidney transplant patients] Bollmann R, et al. **Z Urol Nephrol** 1984 Nov; 77(11):671-7 (Eng. Abstr.) **(Ger)**

[A new method for the determination of the maximal tubular transport of p-aminohippuric acid without urine analysis in children with transplanted kidney] Devaux S, et al. **Z Urol Nephrol** 1984 Nov;77(11):639-46 (Eng. Abstr.) **(Ger)**

[Anti-Thomsen-Friedenreich (anti-T) antibody titer in kidney transplant recipients] Kaden J, et al. **Z Urol Nephrol** 1984 Dec;77(12):695-702 (Eng. Abstr.) **(Ger)**

[Fc IgG carrying T lymphocytes in healthy adults and patients following kidney transplantation] Kaden J, et al. **Z Urol Nephrol** 1984 Dec;77(12):683-93 (Eng. Abstr.) **(Ger)**

[incidence of cytomegalovirus infections following transplantation of kidneys from seropositive and seronegative donors] Kaden J, et al. **Z Urol Nephrol** 1985 May;78(5):267-71 (Eng. Abstr.) **(Ger)**

[Humoral immune response, concentration of selected serum proteins and transplant histology following allogeneic kidney transplantation in the rat] Kaden J, et al. **Z Urol Nephrol** 1984 Aug;77(8):457-63 (Eng. Abstr.) **(Ger)**

[Complications and reconstructive interventions of the efferent urinary system following kidney transplantation] Mebel M, et al. **Z Urol Nephrol** 1985 Jan;78(1):1-10 (Eng. Abstr.) **(Ger)**

[Pathohistology of allotransplanted kidneys. A 10-year report from Santiago, Cuba] Nizze H, et al. **Z Urol Nephrol** 1985 Apr;78(4):205-13 (Eng. Abstr.) **(Ger)**

[Transplantation of kidneys of juvenile donors in adult recipients. 1. Operation technic in 2 and 4-week-old donors in the rat model] Oesterwitz H. **Z Urol Nephrol** 1984 Aug; 77(8):449-55 (Eng. Abstr.) **(Ger)**

[Modification of vasoconstriction in ischemically stressed and extracorporeally perfused dog kidneys by alpha adrenergic blockade with phenoxybenzamine] Schuldt HH, et al. **Z Urol Nephrol** 1984 Dec;77(12):703-9 (Eng. Abstr.) **(Ger)**

[Increase in transplant volume--a prognostic sign of threatened kidney rupture?] Tulatz A, et al. **Z Urol Nephrol** 1985 May;78(5):259-65 (Eng. Abstr.) **(Ger)**

[Renal transplantation in amyloid nephropathy] Bar-Nathan N, et al. **Harefuah** 1985 Apr 1;108(7):329-31 (Eng. Abstr.) **(Heb)**

[Renal-transplant artery stenosis--diagnosis and treatment] Native O, et al. **Harefuah** 1984 Aug;107(3-4):78-81 **(Heb)**

[Lipid metabolism and kidney transplantation] Siegal B, et al. **Harefuah** 1985 Jan 1;108(1):11-4 (Eng. Abstr.) **(Heb)**

[Histological picture of the rejection reaction in kidney grafts] Nádasdy T, et al. **Orv Hetil** 1985 Jul 21; 126(29):1763-8 (Eng. Abstr.) **(Hun)**

[Pulmonary infectious complications caused by cytomegalovirus in clinical kidney transplantation] Alfani D, et al. **Boll Ist Sieroter Milan** 1984;63(5):420-7 (Eng. Abstr.) **(Ita)**

[Incidence of osteodystrophy after transplantation: basic outlines and orthopedic problems] Giraldi A, et al. **Chir Ital** 1982 Jun;34(3):445-54 (Eng. Abstr.) **(Ita)**

[Spontaneous rupture of the transplanted kidney] Prati GF, et al. **Chir Ital** 1984 Jun;36(3):365-70 (Eng. Abstr.) **(Ita)**

[Urologic complications in kidney transplants: experience in 274 transplants] Prati GF, et al. **Chir Ital** 1983 Aug; 35(4):441-51 (Eng. Abstr.) **(Ita)**

[Scintigraphic examination of the skeleton in renal transplantation] Sommaruga R, et al. **Chir Ital** 1982 Jun; 34(3):492-507 (Eng. Abstr.) **(Ita)**

[Changes in glucose tolerance, insulin production and insulin resistance after renal transplant] Allegra V, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):293-9 (Eng. Abstr.) **(Ita)**

[Role of postoperative echotomography in renal transplantation] Sesia G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):1-4 (Eng. Abstr.) **(Ita)**

[Clinical renal transplantation: exfoliative urinary cytology in the evaluation of nephrotoxicity induced by cyclosporin therapy] Stella F, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):295-303 (Eng. Abstr.) **(Ita)**

[Experience of renal autotransplantation] Hirao Y, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1565-78 (Eng. Abstr.) **(Jpn)**

[Study on renal transplantation. IX. Experimental study on kidney preservation with perfluorochemical emulsion at low temperature] Matsuzaki Y. **Hinyokika Kiyo** 1984 Aug; 30(8):995-1003 (Eng. Abstr.) **(Jpn)**

[Renal autotransplantation and ex vivo surgery in renal calculus disease] Ohshima S, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1551-5 (Eng. Abstr.) **(Jpn)**

[Indications of extracorporeal surgery (autotransplantation) for upper urinary tumors and renal calculi] Osawa A, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1557-64 (Eng. Abstr.) **(Jpn)**

[Clinical studies on cefoperazone in renal transplantation] Shiraiwa K, et al. **Hinyokika Kiyo** 1985 Apr;31(4):723-9 (Eng. Abstr.) **(Jpn)**

[Renal autotransplantation for ureteral lesions--the indication and the results of operation] Suzuki K, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1543-9 (Eng. Abstr.) **(Jpn)**

[Indication and result of renal autotransplantation for renovascular hypertension] Takaha M, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1533-41 (Eng. Abstr.) **(Jpn)**

[Current status of human renal allograft and experimental prolongation of renal graft survival] Hirano T. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):389-92 **(Jpn)**

[Case reports of prolonged curarisation following renal transplantation] Isshiki A, et al. **Masui** 1985 Mar;34(3):358-63 (Eng. Abstr.) **(Jpn)**
[Immunological analysis of mixed lymphocyte culture reaction inhibitory factor induced by donor specific blood transfusions in potential kidney transplant patients] Takeuchi H. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):339-49 (Eng. Abstr.) **(Jpn)**
[Clinical experience of 100 renal transplantation] Hashinaka Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):766-71 (Eng. Abstr.) **(Jpn)**
[Clinical study on function reversibility of cadaveric renal allografts. I. Relationship between donor factors or ischemic time of the graft and reversibility of the function] Ihara H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1611-8 (Eng. Abstr.) **(Jpn)**
[Clinical study on function reversibility of cadaveric renal allografts. II. Prediction of function reversibility with monitoring of hemodynamics of the grafts by ultrasound Doppler technique] Ihara H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1619-30 (Eng. Abstr.) **(Jpn)**
[Immunological studies on renal transplantation. V. Evaluation of mixed lymphocyte culture reaction based on protein synthesis] Kanda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):231-8 (Eng. Abstr.) **(Jpn)**
[Immunological studies on renal transplantation. II. Application of flow cytometry to mixed lymphocyte culture reaction] Kanda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):945-50 (Eng. Abstr.) **(Jpn)**
[Evaluation of renal graft function using the deep body thermometer] Nakahara M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):183-8 (Eng. Abstr.) **(Jpn)**
[Urological complications in renal transplantation] Oka T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1401-5 (Eng. Abstr.) **(Jpn)**
[A case of recurrent IgA nephropathy complicated with de novo membranous nephropathy in the graft] Yuri T, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1856-60 **(Jpn)**
[Maintenance hemodialysis. VII. A prospect of kidney transplantation] **Nippon Rinsho** 1985 Jan;43 Spec No 522:711-31 **(Jpn)**
[Brain death and organ transplantation] Akiyama N. **Nippon Rinsho** 1985 Jan;43(1):168-72 **(Jpn)**
[Viability of isolated kidney and progress of preservation method] Amemiya H. **Nippon Rinsho** 1985 Jan;43(1):53-7 **(Jpn)**
[Clinical application of bredinin] Aso Y, et al. **Nippon Rinsho** 1985 Jan;43(1):136-40 **(Jpn)**
[Ischemic time and kidney transplantation] Fukao K. **Nippon Rinsho** 1985 Jan;43(1):32-6 **(Jpn)**
[Complications following kidney transplantation--infections and malignant tumors] Hashimoto I, et al. **Nippon Rinsho** 1985 Jan;43(1):48-52 (25 ref.) **(Jpn)**
[Promotion of local system of cadaveric kidney transplantation with special reference to the Nagano Prefecture system] Iguchi K, et al. **Nippon Rinsho** 1985 Jan;43(1):14-20 **(Jpn)**
[Prevention of graft rejection--preoperative blood transfusion and use of immunosuppressive agents] Kashiwabara H. **Nippon Rinsho** 1985 Jan;43(1):37-40 **(Jpn)**
[Clinical application of cyclosporin A] Okamura J, et al. **Nippon Rinsho** 1985 Jan;43(1):128-35 **(Jpn)**
[Comparison of kidney transplantation and dialysis] Ota K. **Nippon Rinsho** 1985 Jan;43(1):21-7 **(Jpn)**
[Efficacy of donor specific transfusion] Otsubo O. **Nippon Rinsho** 1985 Jan;43(1):141-6 (34 ref.) **(Jpn)**
[Clinicopathological studies of chronic graft rejection] Satoh T, et al. **Nippon Rinsho** 1985 Jan;43(1):41-7 **(Jpn)**
[Transplantation of multiple organs below the diaphragm] Taira A, et al. **Nippon Rinsho** 1985 Jan;43(1):75-8 **(Jpn)**
[Clinical study on therapeutic plasmapheresis--mechanism of its efficacy, indications, and the clinical application. 1. Kidney transplantation] Tajima A, et al. **Nippon Rinsho** 1984 Aug;42(8):1900-4 (15 ref.) **(Jpn)**
[Early diagnosis of graft rejection and immunologic monitoring] Watanabe K. **Nippon Rinsho** 1985 Jan;43(1):123-7 **(Jpn)**
[Legal questions in organ transplant] Yamada T. **Nippon Rinsho** 1985 Jan;43(1):173-6 **(Jpn)**
[Kidney transplantation and cadaveric organ transplantation in Japan] Yokoyama T. **Nippon Rinsho** 1985 Jan;43(1):9-13 **(Jpn)**
[A case report of resected hepatocellular carcinoma after renal transplantation in a HBsAg positive patient] Suenaga M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):123-7 **(Jpn)**
[Kidney transplantation in children] Fine RN. **Pediatr Pol** 1985 Feb;60(2):101-15 (83 ref.) **(Pol)**
[Hepatopathy in renal transplant recipients] Galizzi Filho J, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 May-Jun;39(3):113-7 (Eng. Abstr.) **(Por)**
[Cytomegalovirus infection after renal transplantation] Ianhez LE, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr;39(2):47-53 (Eng. Abstr.) **(Por)**
[Disseminated histoplasmosis in renal transplant patients] Sabbaga E, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):170-6 (Eng. Abstr.) **(Por)**
[Topographo-anatomic basis for the reconstruction of lymphatic passages and the reinnervation of transplanted kidneys] Lazarev KL, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):71-7 (Eng. Abstr.) **(Rus)**
[Allogenic kidney transplantation after prolonged transorgan oxygen preservation] Belorusov OS, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):107-13 **(Rus)**
[Thermography in the diagnosis of complications after kidney transplantation] Belorusov OS, et al. **Khirurgiia (Mosk)** 1984 Dec;(12):93-7 **(Rus)**
[Evaluation of the functional adequacy of a kidney transplant in the body of the donor] Rozental' RL, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):57-60 (Eng. Abstr.) **(Rus)**
[Value of adequate hemodialysis in the preparation of patients for kidney transplantation] Iarmolinskii IS. **Ter Arkh** 1984;56(7):69-73 (Eng. Abstr.) **(Rus)**
[The state of the digestive organs in recipients of kidney transplants] Peleshchuk AP, et al. **Ter Arkh** 1984;56(7):81-5 (Eng. Abstr.) **(Rus)**
[Pathogenesis of spontaneous ruptures of renal allografts] Rozental' RL, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):50-3 (Eng. Abstr.) **(Rus)**
[Autologous transplantation of the kidneys in neuromuscular ureteral dysplasia] Savchenko NE, et al. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):15-8 (Eng. Abstr.) **(Rus)**
[Renal excretion of N-acetyl-beta-D-hexosaminidase and its isoforms after allotransplantation of cadaver kidneys] Tomilina NA, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):51-7 (Eng. Abstr.) **(Rus)**
[Clinical transplantation of allogeneic kidneys after trans-organ oxygen conservation] Belorusov OS, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):33-40 (Eng. Abstr.) **(Rus)**
[The kidney transplant problem in children] Osipov IuN, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):19-22 (Eng. Abstr.) **(Rus)**
[Instrumental and functional diagnosis of pyelonephritis in the transplanted kidney] Chemisova GG, et al. **Vestn Khir** 1984 Aug;133(8):49-53 (Eng. Abstr.) **(Rus)**
[Multiple para-articular calcifications in patients with chronic renal insufficiency treated with hemodialysis and kidney transplantation] Rabkin IKh, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):45-9 (Eng. Abstr.) **(Rus)**
[Ultrasonic examination in a pregnant woman with a transplanted kidney] Stefanović V, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):837-40 (Eng. Abstr.) **(Scc)**
[Complications of immunosuppressive therapy in transplantation of the kidney] Bošković S. **Acta Chir Iugosl** 1984 Mar;31(2):167-77 (Eng. Abstr.) **(Scr)**
[Psychodynamic and psychiatric aspects of hemodialysis and kidney transplantation] Maletić A. **Lijec Vjesn** 1985 Jun;107(6):264-9 (Eng. Abstr.) **(Scr)**
[Autotransplantation and ex situ surgery of the kidney--personal experience] Mareković Z, et al. **Lijec Vjesn** 1985 Mar-Apr;107(3-4):131-5 (Eng. Abstr.) **(Scr)**
[Hypercalcemia after kidney transplantation] Revúsová V, et al. **Cas Lek Cesk** 1985 Aug 23;124(34):1074-6 (Eng. Abstr.) **(Slo)**
[Causes of hypophosphatemia after kidney transplantation] Revúsová V, et al. **Cas Lek Cesk** 1984 Aug 24;123(34):1066-9 **(Slo)**
[Recurrent or de novo glomerulonephritis in the transplanted kidney] Demant F. **Cesk Pediatr** 1985 May;40(5):298-9 (Eng. Abstr.) **(Slo)**
[Nutritional status of patients before kidney transplantation] Borošová E, et al. **Vnitr Lek** 1984 Oct;30(10):968-73 (Eng. Abstr.) **(Slo)**
[Psychiatric aspects of kidney transplantation. Description of a clinical case] Retamal P. **Actas Luso Esp Neurol Psiquiatr** 1984 Sep-Oct;12(5):299-304 **(Spa)**
[Changes in urinary lysozyme in renal transplantation] González L, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):59-62 (Eng. Abstr.) **(Spa)**
[Intraparenchymal abscess in a renal graft] Robles Garcia JE, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):177-8 (Eng. Abstr.) **(Spa)**
[Contribution of echography to the diagnosis of acute rejection in the immediate postoperative period following renal transplant] Teruel JL, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):127-34 (Eng. Abstr.) **(Spa)**
[Urinary fistulas in a series of 100 consecutive renal transplantations] Tallada M, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:583-92 (Eng. Abstr.) **(Spa)**
[Captopril and renal transplant (letter)] Cuevas J, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):82-3 **(Spa)**
[Kaposi's sarcoma in 2 patients after renal transplantation] Gómez Uribe JI, et al. **Med Cutan Iber Lat Am** 1984;12(3):215-9 (Eng. Abstr.) **(Spa)**
[Renal homotransplant and pregnancy] Donoso E, et al. **Rev Chil Obstet Ginecol** 1983;48(4):226-37 (Eng. Abstr.) **(Spa)**
[Renal transplant and pregnancy. 3 clinical cases using living donors] Molina R, et al. **Rev Chil Obstet Ginecol** 1983;48(4):238-43 (Eng. Abstr.) **(Spa)**
[Renal transplant and pregnancy. Report of 3 clinical cases] Torres A, et al. **Rev Chil Obstet Ginecol** 1984;49(4):221-8 (Eng. Abstr.) **(Spa)**
[Fungal urinary infection in renal transplant] Mir M, et al. **Rev Clin Esp** 1985 Feb;176(3):130-3 (Eng. Abstr.) **(Spa)**
[Renal transplantations at the Serafimer Hospital and Huddinge Hospital over a 20-year period: transplantation is better and cheaper than chronic dialysis] Ost L, et al. **Lakartidningen** 1985 Jun 19;82(25):2334-6 **(Swe)**

ULTRASTRUCTURE

Effect of pH on phosphate transport in rat renal brush border membrane vesicles. Amstutz M, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F705-10
In vitro versus in vivo mitochondrial calcium loading in ischemic acute renal failure. Arnold PE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F845-50
Preparative isolation of peroxisomes from liver and kidney using metrizamide density gradient centrifugation in a vertical rotor. Hajra AK, et al. **Anal Biochem** 1985 Jul;148(1):233-44
Protein kinase C activity in renal microvillus membranes. Barrett PQ, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):494-505
Prostaglandin E2 transport in rabbit renal basolateral membrane vesicles. Boumendil-Podevin EF, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):91-7
Factors affecting the transport of beta-amino acids in rat renal brush-border membrane vesicles. The role of external chloride. Chesney RW, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):702-12
Age-related changes in enzyme activities, protein content and lipid composition of rat kidney brush-border membrane. Pratz J, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):265-73
Absence of gap junctional complexes in two established renal epithelial cell lines (LLC-PK1 and MDCK). Morgan G, et al. **Cell Biol Int Rep** 1984 Nov;8(11):917-22
Sex-influenced CPIB-induction of peroxisomes in rat liver and kidney tissues. Henry EW, et al. **Cytobios** 1985;42(169S):279-93
Toxicity of renal lysosomal contents on aortic smooth muscle cells in culture. Kai-Yamamoto M, et al. **Exp Mol Pathol** 1984 Dec;41(3):338-43
Influence of cyclosporin A on the respiration of isolated rat kidney mitochondria. Jung K, et al. **FEBS Lett** 1985 Apr 8;183(1):167-9
Adaptation of Na+-H+ exchange in renal microvillus membrane vesicles. Role of dietary protein and uninephrectomy. Harris RC, et al. **J Clin Invest** 1984 Dec;74(6):1979-87
Stereospecific transport of triiodothyronine from plasma to cytosol and from cytosol to nucleus in rat liver, kidney, brain, and heart. Oppenheimer JH, et al. **J Clin Invest** 1985 Jan;75(1):147-54
Electrophysiology of succinate transport across rabbit renal brush border membranes. Schell RE, et al. **J Physiol (Lond)** 1985 Mar;360:95-104
Ultrastructure of the renal granulopoietic tissue of the Rana ridibunda tadpole. Meseguer J, et al. **J Submicrosc Cytol** 1985 Jul;17(3):391-401
Lesions of the kidney in tourniquet shock: ultrastructural study. Orsi R, et al. **Microsurgery** 1984;5(4):191-6
Ultrastructural study on a severe infantile sialidosis (beta-galactosidase-alpha-neuraminidase deficiency). Yamano T, et al. **Neuropediatrics** 1985 May;16(2):109-12
The ultrastructure of amyloid substances from bovine kidneys. Kim DH, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):693-6
Imaging elemental distribution and ion transport in cultured cells with ion microscopy. Chandra S, et al. **Science** 1985 Jun 28;228(4707):1543-4
The ultrastructure of the renal corpuscle of a lizard. Gabri MS, et al. **Tissue Cell** 1984;16(4):627-34
[Ultrastructural changes caused by yellow fever virus at the level of the kidneys in newborn mice] Gershy-Damet GM. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):97-106 (Eng. Abstr.) **(Fre)**
[An ultrastructural and cytochemical study of the rat kidney in experimentally induced endotoxin shock] Ando T. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):835-48 (Eng. Abstr.) **(Jpn)**
[Scanning electron microscopy in kidney diseases] Sabó I, et al. **Rev Med Interna [Med Interna]** 1984 Nov-Dec;36(6):565-9 **(Rum)**
[Lysosomal enzyme activity in various organs of rats exposed to tetramethylthiuram disulfide] Nepesova ShA, et al. **Gig Sanit** 1985 Jan;(1):89-91 **(Rus)**

KIDNEY, ARTIFICIAL

see related
HEMODIALYSIS
PERITONEAL DIALYSIS

Consent to dialyzer reuse: is it ethically necessary? Kaye M, et al. **Am J Nephrol** 1985;5(2):138-41
Characterization of Limulus amoebocyte lysate-reactive material from hollow-fiber dialyzers. Pearson FC, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1189-96
Migration of acetylated hemicellulose from capillary hemodialyzer to blood, causing scleritis and/or iritis. Oba T, et al. **Artif Organs** 1984 Nov;8(4):429-35

New hollow-fiber dialyzers. Sigdell JE. **Artif Organs** 1985 May;9(2):208-9

New hollow-fiber dialyzers. Sigdell JE. **Artif Organs** 1985 May;9(2):205-7

New products for blood treatment. Sigdell JE. **Artif Organs** 1985 May;9(2):207-8

Assessment of biomaterials as components of a reciprocating dialyser during canine dialysis. Davidson GW 3d, et al. **Biomaterials** 1984 Jul;5(4):227-33

Membrane selection for renal replacement therapy: a mountain or molehill? Farrell PC, et al. **Contrib Nephrol** 1985;44:97-111 (44 ref.)

Cellulose membranes--time for a change? Henderson LW, et al. **Contrib Nephrol** 1985;44:112-26

The next generation of dialysis membranes--barriers or pathways? Streicher E, et al. **Contrib Nephrol** 1985; 44:127-36

Performance characteristics of the hemoflow F 60 in high-flux hemodiafiltration. von Albertini B, et al. **Contrib Nephrol** 1985;46:169-73

Ammonia removal by air stripping tower. Kawanishi H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):639-42

Automated reuse of capillary hemodialyzers. Billiouw JM, et al. **Int J Artif Organs** 1985 Mar;8(2):83-8

Double lumen subclavian hemodialysis cannulas [editorial] Bregman H. **Int J Artif Organs** 1985 Jan;8(1):17-8

In vitro study of combined convection- diffusion mass transfer in hemodialysers. Gupta BB, et al. **Int J Artif Organs** 1984 Sep;7(5):263-8

A new hemodialysis monitoring device using filtrate concentrations: a comparison with standard serum techniques. Munaretto G, et al. **Int J Artif Organs** 1985 May;8(3):129-34

Volumetrical microcomputer-based ultrafiltration monitor for hemodialysis. Wokke JM, et al. **Int J Artif Organs** 1985 Jan;8(1):33-6

Plastic filing from dialysis tubing induces prostanoid release from macrophages. Bommer J, et al. **Kidney Int** 1984 Sep; 26(3):331-7

Plasma fibronectin concentrations in hemodialyzed patients. Influence of different dialyzers. Schena FP, et al. **Life Support Syst** 1985 Jan-Mar;3(1):83-5

Evidence for macrophage activation in dialysis patients exposed to silicone filing. Bommer J, et al. **Nephron** 1985; 39(4):395-7

Blood lines should be considered in studies of biocompatibility during acetate haemodialysis. Branger B, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:162-6

Dialysis membranes. Leonard EF. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:99-110

Haemodialysis in dogs with a heparin coated hollow fibre dialyser. Lins LE, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:270-5

Experience with a needleless vascular access device (Hemasite) for hemodialysis. Reed WP, et al. **South Med J** 1984 Dec;77(12):1501-5

A new cartridge for phosphate removal in uremic patients. Bazzato G, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:199-202

Clinical studies supporting the thesis that a reprocessed dialyzer is better than a new dialyzer. Deane N. **Trans Am Soc Artif Intern Organs** 1984;30:719-20

Comparative evaluation of automated devices for reprocessing hemodialyzers: intradialytic patient response. Deane N, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:498-501

Biocompatibility, leachables and membrane structure. Dorson WJ. **Trans Am Soc Artif Intern Organs** 1984;30:715-7

Clearance and ultrafiltration of reused dialyzers. Gotch FA. **Trans Am Soc Artif Intern Organs** 1984;30:717-8

Prolonged dialyzer reuse. Kaye M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:491-3

The cardiopulmonary manifestations of blood-dialyzer (new and reused) interactions in an animal model. Lindsay RM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:711-4

Equilibration of body water distribution and Na+ balance during hemodialysis (HD) with an ion specific electrode feedback system and integrated computer. Murisasco A, et al. **Trans Am Soc Artif Intern Organs** 1984;30:254-9

Further discussions on the representation of hemodialyzer performance. Ataka M. **Uremia Invest** 1984;8(1):45-50

Concentration of blood coagulation factors by ultrafiltration in hollow fiber artificial kidney. Bunuan H, et al. **Uremia Invest** 1984-85;8(2):127-33

Single-needle venous dialysis: a comparison of three systems. Weinstein AM, et al. **Uremia Invest** 1984-85;8(2):69-77

[Comparison of the permeation properties of experimental hemodialysis membranes made of cellulose acetate and the permeation properties of cellulose membranes] Schauer J, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1345-8 (Eng. Abstr.) **(Cze)**

[Chiraplat, a new hemodialyzer made in Czechoslovakia] Klimová D, et al. **Vnitr Lek** 1985 Feb;31(2):171-6 (Eng. Abstr.) **(Cze)**

[Immediate allergy to ethylene oxide in a hemodialyzed patient (letter)] Meynadier JM, et al. **Presse Med** 1985 Jun 1;14(22):1245 **(Fre)**

[Controlled microprocessor volumetric ultrafiltration in a hemodialysis unit] von der Haar F, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):141-6 (Eng. Abstr.) **(Ger)**

[DSA using fine needle puncture for the elimination of vascular complications in hemodialysis shunts] Arlart IP, et al. **Rontgenpraxis** 1985 Jun;38(6):200-5 **(Ger)**

[Evaluation of pressure and mechanical effects on the aggregation of human platelets induced by adenosine diphosphate in a system simulating a dialysis circuit] Liani M, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):187-92 (Eng. Abstr.) **(Ita)**

[Maintenance hemodialysis. X. Technological problems] **Nippon Rinsho** 1985 Jan;43 Spec No 522:823-82 **(Jpn)**

[The artificial kidney: recent progress and future prospect] Sakai T, et al. **Nippon Rinsho** 1984 Aug;42(8):1850-4 (32 ref.) **(Jpn)**

[Development and clinical application of artificial kidney monitoring apparatus] Yamada A. **Nippon Rinsho** 1985 Mar; 43(3):655-64 (11 ref.) **(Jpn)**

ADVERSE EFFECTS

Side effects due to materials used in hemodialysis equipment. Bommer J, et al. **Adv Nephrol** 1985;14:409-38 (142 ref.)

Acute anaphylactoid reactions in hemodialysis. Foley RJ, et al. **Am J Kidney Dis** 1985 Feb;5(2):132-5

Severe reactions during hemodialysis. Rault R, et al. **Am J Kidney Dis** 1985 Feb;5(2):128-31

Cellulosic membrane induced leukopenia after reprocessing with sodium hypochlorite. Rancourt M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:49-51

[Studies on chemical substances responsible for causing eye lesions in patients treated with NAC-dialyzer] Oba T, et al. **Eisei Shikenjo Hokoku** 1984;(102):1-19 **(Jpn)**

[Chemical studies on compatibility to medical application III. Prevention of migration of DEHP from blood tubings] Tsuji K, et al. **Eisei Shikenjo Hokoku** 1984;(102):45-8 (Eng. Abstr.) **(Jpn)**

HISTORY

Development of new artificial kidney systems (Carl W. Walter). Kunitomo T. **Am J Surg** 1984 Nov;148(5):594-8

Dedication to Nils Alwall. Kjellstrand CM. **Nephron** 1985; 39(2):71-2

STANDARDS

A clinical appraisal and comparison of double pump single needle dialysis systems. Hoenich NA, et al. **Int J Artif Organs** 1985 Mar;8(2):89-94

Spallation of dialysis materials--problems and perspectives. Bommer J, et al. **Nephron** 1985;39(4):285-9 (48 ref.)

TRENDS

The current status and future of the artificial kidney. Funck-Brentano JL. **Artif Organs** 1985 May;9(2):119-26 (32 ref.)

KIDNEY BEAN LECTINS see **PHYTOHEMAGGLUTININS**

KIDNEY CALCULI

Renal calculi in pregnancy. Horowitz E, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):324-38

[Blood components in renal calculi composed of organic material] Traba ML, et al. **Arch Esp Urol** 1985 Jan-Feb; 38(1):73-7 (Eng. Abstr.) **(Spa)**

BLOOD

Influence of dietary calcium on serum 1,25-dihydroxyvitamin D concentrations in renal stone formers. D'Amour P, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):549-62

Asymptomatic hyperuricemia. The case for benign neglect. Littman BH. **Postgrad Med** 1985 May 1;77(6):221-4

[Abnormalities in the erythrocyte membrane transport of oxalate in calcium oxalate lithogenesis] Baggio B, et al. **Nephrologie** 1984;5(4):173-4 (Eng. Abstr.) **(Fre)**

[Incidence of hyperuricemia in case records of reno-ureteral calcium calculi] Cucchi A, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):57-9 (Eng. Abstr.) **(Ita)**

CHEMICALLY INDUCED

Triamterene calculus. Dickstein ES, et al. **J Urol** 1985 Jun; 133(6):1019

Xanthine-containing calculi during allopurinol therapy. Kranen S, et al. **J Urol** 1985 Apr;133(4):658-9

Piridoxilate-associated calcium oxalate urinary calculi: a new metabolic drug-induced nephrolithiasis [letter] Daudon M, et al. **Lancet** 1985 Jun 8;1(8441):1338

Renal xanthine stone in Lesch-Nyhan syndrome treated with allopurinol. Ogawa A, et al. **Urology** 1985 Jul;26(1):56-8

[Renal calculi containing glaphenine metabolites in a male patient. (letter)] Normand M, et al. **Nephrologie** 1985;6(1):33 **(Fre)**

[Experimental and clinical studies on calcium urolithiasis: (I) Animal model for calcium oxalate urolithiasis using ethylene glycol and 1-alpha (OH) D3] Okada Y, et al. **Hinyokika Kiyo** 1985 Apr;31(4):565-77 (Eng. Abstr.) **(Jpn)**

[Renal lithiasis medicamentosa (letter)] Traba ML, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):607-8 **(Spa)**

[Nephrolithiasis caused by triamterene] Traba ML, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):127-30 **(Spa)**

COMPLICATIONS

Surgical treatment with complication for horseshoe kidney. Kuramoto H, et al. **Fukuoka Igaku Zasshi** 1985 Feb; 76(2):44-8

Nephrolithiasis and intestinal disease. Dobbins JW. **J Clin Gastroenterol** 1985 Feb;7(1):21-4

Vesicopyelostomy in a pelvic kidney with uretero-pelvic junction obstruction and multiple renal calculi (a case report). Goel AK, et al. **J Postgrad Med** 1984 Oct; 30(4):241-3

Current treatment of infection stones in high risk patients. Krieger JN, et al. **J Urol** 1984 Nov;132(5):874-7

Acute renal transplant failure resulting from obstruction with a calculus. Boyce NW, et al. **Transplant Proc** 1984 Oct; 16(5):1364-6

Ureterocutaneous fistulas secondary to urinary calculous disease. Goldwasser B, et al. **Urology** 1985 Jan;25(1):71-3

[A case of anaerobic gas infection following pyelolithotomy] Kumanov Kh, et al. **Khirurgiia (Sofiia)** 1984;37(4):310-3 **(Bul)**

[Coralliform calculi and recurrent urinary infection: a case of newberyite calculi (MgHPO4.3H2O)] Uebelhart D, et al. **Schweiz Med Wochenschr** 1984 Nov 24;114(47):1689-94 (Eng. Abstr.) **(Fre)**

[A case of renal adenoma associated with staghorn calculus] Fukuoka H, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1225-30 (Eng. Abstr.) **(Jpn)**

[Prolonged drip lavage of the caliceal-pelvic system of the kidneys after operations in the complex treatment of calculous pyelonephritis in children] Pulatov AT, et al. **Klin Khir** 1985;(6):19-21 (Eng. Abstr.) **(Rus)**

[Acute renal failure in hyperuricemia and nephrolithiasis] Dzhabad-Zade MD, et al. **Sov Med** 1984;(10):32-6 (Eng. Abstr.) **(Rus)**

[Correction of disorders of central and renal hemodynamics in patients with chronic calculous pyelonephritis with obzidan] Neimark AI. **Urol Nefrol (Mosk)** 1985 Jan-Feb; (1):17-20 **(Rus)**

DIAGNOSIS

Nonurographic evaluation of renal calculous disease. Borkowski GP, et al. **Cleve Clin Q** 1985 Spring;52(1):3-9

A new test for idiopathic kidney stones. Chhabra HL, et al. **Indian J Med Res** 1985 Jan;81:68-70

Calcium stone risk determination by computer. Goggin MJ. **Med Inf (Lond)** 1984 Apr-Jun;9(2):153-6

Recurrence after a single renal stone in a community practice. Sutherland JW, et al. **Miner Electrolyte Metab** 1985; 11(4):267-9

Renal stone shadowing: an investigation of contributing factors. King W 3d, et al. **Radiology** 1985 Jan;154(1):191-6

Massive lapiduria [letter] Mullen KD. **South Med J** 1984 Oct; 77(10):1345-6

Renal stones: screening tests. Chisholm GD. **Turk J Pediatr** 1984;26(1-4):21-31

Sonographic demonstration of renal arterial calcification simulating multiple renal calculi. Gould RJ, et al. **Urology** 1985 Mar;25(3):330-1

[Practical approach to renal lithiasis--diagnostic and therapeutic aspects] Jaeger P, et al. **Ther Umsch** 1985 Jun; 42(6):387-93 (Eng. Abstr.) **(Fre)**

[Importance of ultrasonography in the differential diagnosis of various renal diseases] Romano M, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):301-5 (Eng. Abstr.) **(Ita)**

[Intraoperative calycopyeloscopy] Koraev KN. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):40-2 (Eng. Abstr.) **(Rus)**

[Oral overload of calcium as a diagnostic test in hypercalciuric renal lithiasis] Moreno V, et al. **Rev Clin Esp** 1985 Feb;176(2):57-62 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Correction of hypocitraturia and prevention of stone formation by combined thiazide and potassium citrate therapy in thiazide-unresponsive hypercalciuric nephrolithiasis. Pak CY, et al. **Am J Med** 1985 Sep; 79(3):284-8

Chemolysis of uric acid stones. Tung KH, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):620-4

Allopurinol treatment of renal calcium stone disease. Fellström B, et al. **Br J Urol** 1985 Aug;57(4):375-9

New drug therapy for kidney stones: a review of cellulose sodium phosphate, acetohydroxamic acid, and potassium citrate. Lake KD, et al. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):530-9 (77 ref.)

Thiazides for patients with recurrent calcium stones: still an open question. Churchill DN, et al. **J Urol** 1985 May; 133(5):749-51

Long-term treatment of calcium nephrolithiasis with potassium citrate. Pak CY, et al. **J Urol** 1985 Jul;134(1):11-9

Prevention of recurrent calcium stone formation with potassium citrate therapy in patients with distal renal tubular acidosis. Preminger GM, et al. **J Urol** 1985 Jul; 134(1):20-3

Treatment of type I primary hyperoxaluria [letter] **N Engl J Med** 1985 Oct 10;313(15):959-60

Rational therapy of nephrolithiasis, Part II. Pak CY. **Ration Drug Ther** 1984 Dec;18(12):1-7

Physiological and physiochemical correction and prevention of calcium stone formation by potassium citrate therapy. Pak CY, et al. **Trans Assoc Am Physicians** 1983;96:294–305

[Effect of SA-504 subtle granules on renal or ureteral calculi] Matuda S, et al. **Hinyokika Kiyo** 1984 Jun;30(6):845–8 (Eng. Abstr.) **(Jpn)**

[Clinical application of diuretics: renal calculi] Yazaki T, et al. **Nippon Rinsho** 1984 Sep;42(9):2069–72 (23 ref.) **(Jpn)**

[Hydrochlorothiazide and chlorthalidone in the treatment of patients with calcium-phosphate disorders] Sawicki A, et al. **Pol Tyg Lek** 1984 Jul 16–23;39(29–30):993–7 (Eng. Abstr.) **(Pol)**

[Dissolution of kidney stones and their fragments for subsequent removal from the urinary tract] Panin AG, et al. **Vestn Khir** 1984 Dec;133(12):24–9 **(Rus)**

[The use of 1-alpha-cholecalciferol in subjects treated for a prolonged time with diphosphonates for recurrent calcium nephrolithiasis] Jacobellis U, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:577–81 (Eng. Abstr.) **(Spa)**

ECONOMICS

Economic impact of kidney stones in white male adults. Shuster J, et al. **Urology** 1984 Oct;24(4):327–31

ETIOLOGY

Lithiasis in horseshoe kidney. Mottola A, et al. **Acta Urol Belg** 1984;52(3):355–60

Diet and renal stones: a case-control study. Power C, et al. **Br J Urol** 1984 Oct;56(5):456–9

An in vitro ultrastructural study of infectious kidney stone genesis. McLean RJ, et al. **Infect Immun** 1985 Sep; 49(3):805–11

Effect of diet and intranephronic calculosis on bone modeling and parathyroid volume in rats. Woodard JC, et al. **J Nutr** 1984 Dec;114(12):2339–52

Effects of dietary calcium, phosphorus and magnesium on intranephronic calculosis in rats. Woodward JC, et al. **J Nutr** 1984 Dec;114(12):2331–8

Ureolytic Citrobacter freundii infection of the urine as a cause of dissolution of cystine renal calculi. Gutierrez Millet V, et al. **J Urol** 1985 Mar;133(3):443–6

The role of calcitonin in calcium stone formation. Shainkin-Kestenbaum R, et al. **Nephron** 1984;38(3):154–5

Obstructed calycocystostomy site in association with a transplanted kidney: percutaneous management. Cardella JF, et al. **Radiology** 1985 Jul;156(1):67–8

Nephrolithiasis in premature infants. Gilsanz V, et al. **Radiology** 1985 Jan;154(1):107–10

Urolithiasis in acromegaly. Pines A, et al. **Urology** 1985 Sep; 26(3):240–2

[Effect of high-dose vitamin C on the formation of experimental renal stones in the rat] Cai SL, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):174–7, 192 (Eng. Abstr.) **(Chi)**

[Comparative bacteriological and chemical analysis of kidney calculi. Apropos of 135 cases] Bébear C, et al. **Nephrologie** 1984;5(5):225–7 (Eng. Abstr.) **(Fre)**

[Results of long-term treatment of cystine lithiasis with D-penicillamine] Bec P, et al. **Nephrologie** 1984;5(5):228–31 (Eng. Abstr.) **(Fre)**

[Whewellite and weddellite: toward a different etiopathogenesis. The significance of morphological typing of calculi] Daudon M, et al. **Nephrologie** 1984;5(5):195–201 (Eng. Abstr.) **(Fre)**

[Predictive value of lithogenic risk in hypercalciuria: should 24-hour urine calcium be measured?] Ulmann A. **Nephrologie** 1984;5(5):232–4 (Eng. Abstr.) **(Fre)**

[Hyperparathyroidism and renal lithiasis. Apropos of 19 cases] Boujnah H, et al. **Tunis Med** 1983 Jan-Feb; 61(1):19–22 **(Fre)**

[Urolithiasis in childhood] Bichler KH, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):256–66 (Eng. Abstr.) **(Ger)**

[Sponge kidney and urinary calculi] Bandhauer K, et al. **Ther Umsch** 1985 Feb;42(2):95–8 (Eng. Abstr.) **(Ger)**

[Unusual complication of percutaneous pyelostomy] Manieri C, et al. **Minerva Urol Nefrol** 1984 Apr-Jun;36(2):89–92 (Eng. Abstr.) **(Ita)**

[Problem of infection-related urinary calculi and the effectiveness of its treatment in children] Golabek B. **Pediatr Pol** 1985 Feb;60(2):127–32 (Eng. Abstr.) **(Pol)**

[Analysis of selected lithogenic factors in patients with active and non-active nephrolithiasis] Nieszporek T, et al. **Pol Arch Med Wewn** 1985 Feb;73(2):91–101 (Eng. Abstr.) **(Pol)**

[Iatrogenic urinary calculi] Zdrojowy R. **Wiad Lek** 1984 Dec 1;37(23):1885–9 (Eng. Abstr.) **(Pol)**

[Uric acid crisis] Pytel' IuA, et al. **Sov Med** 1984;(10):26–31 (Eng. Abstr.) **(Rus)**

[Organ-type lithiasis. I. Congenital urologic pathology associated with lithiasis] Castiñeiras J, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):1–18 (Eng. Abstr.) **(Spa)**

[Organ-type lithiasis. II. Acquired urologic pathology associated with lithiasis] Castiñeiras J, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):19–38 (Eng. Abstr.) **(Spa)**

[Primary hyperthyroidism and lithiasis] Verdu Tartajo F, et al. **Actas Urol Esp** 1985 May-Jun;9(3):215–20 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Family history of renal stones in recurrent stone patients. Ljunghall S, et al. **Br J Urol** 1985 Aug;57(4):370–4

[Cystinuria and renal lithiasis] Willshaw E, et al. **Rev Chil Pediatr** 1984 Jul-Aug;55(4):273–7 (Eng. Abstr.) **(Spa)**

HISTORY

The life and death of Captain Charles Martell and kidney stone disease. Spence HM. **J Urol** 1984 Dec;132(6):1204–7

METABOLISM

Influence of the calcium content of the diet on the incidence of mild hyperoxaluria in idiopathic renal stone formers. Jaeger P, et al. **Am J Nephrol** 1985;5(1):40–4

Biochemical studies in paraplegic renal stone patients. 1. Plasma biochemistry and urinary calcium and saturation. Burr RG, et al. **Br J Urol** 1985 Jun;57(3):269–74

A prospective study of renal stone recurrences. Ljunghall S, et al. **Br J Urol** 1984 Apr;56(2):122–4

Human Tamm-Horsfall glycoprotein: urinary and plasma levels in normal subjects and patients with renal disease determined by a fully validated radioimmunoassay. Thornley C, et al. **Clin Sci** 1985 May;68(5):529–35

Pharmacokinetics of acetohydroxamic acid in patients with staghorn renal calculi. Putcha L, et al. **Eur J Clin Pharmacol** 1985;28(4):439–45

Examination of the urinary potential of hyperuricosuric patients to retard calcium oxalate precipitation. Goldwasser B, et al. **Eur Urol** 1985;11(1):40–3

Solubility of inorganic kidney stone components in the presence of acid-base sensitive complexing agents. Verplaetse H, et al. **Eur Urol** 1985;11(1):44–51

The effect of saline bladder washings on calcium oxalate crystal growth and aggregation. Edyvane KA, et al. **J Urol** 1985 Jul;134(1):158–61

Possible role of hyaluronate in experimental renal stone formation in rabbits. Wakatsuki A, et al. **J Urol** 1985 Feb; 133(2):319–23

Bone mineral content in idiopathic calcium nephrolithiasis. Barkin J, et al. **Miner Electrolyte Metab** 1985;11(1):19–24

Ultrastructural studies of crystal-organic matrix relations in renal stones. Cheng PT, et al. **Scan Electron Microsc** 1985; (Pt 1):201–7

The uric acid-whewellite association in human kidney stones. Deganello S, et al. **Scan Electron Microsc** 1984;(Pt 2):927–33

Biochemical studies in calcium oxalate stone formers, with special reference to the effects of thiazide treatment. Ahlstrand C. **Scand J Urol Nephrol [Suppl]** 1984;81:1–93

Results of urometabolic evaluation in 127 patients with renal calculous disease. Verbaeys A, et al. **Urology** 1985 Jan; 25(1):22–5

[Role of Tamm-Horsfall mucoprotein in calcium oxalate lithogenesis] Gambaro G, et al. **Nephrologie** 1984;5(4):171–2 (Eng. Abstr.) **(Fre)**

[Recurrent nephrolithiasis and possibilities of preventing relapses] Klarica J. **Lijec Vjesn** 1985 Jun;107(6):235–9 (Eng. Abstr.) **(Scr)**

[Composition and structure of renal calculi. Presentation of a book of the same title] Cifuentes Delatte L. **An R Acad Nac Med (Madr)** 1984;101(2):229–37 **(Spa)**

[Changes in calcium metabolism in patients with renal lithiasis] Montaño Diaz M, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):512–5 (Eng. Abstr.) **(Spa)**

[Status of metabolic abnormalities in nephrolithiasis (letter)] Montaño Diaz M, et al. **Med Clin (Barc)** 1984 Dec 1; 83(18):780 **(Spa)**

MICROBIOLOGY

Re: Bacteriology of branched renal calculi and accompanying urinary tract infection [letter] Lewi H. **J Urol** 1985 Feb; 133(2):292

OCCURRENCE

Seasonal variations in the incidence of kidney stones in Calgary, Alberta, Canada [letter] Levinson AA, et al. **Clin Nephrol** 1985 Jul;24(1):50–1

[Calcifications of the renal parenchyma. Incidence and localization] Floris F. **Minerva Urol Nefrol** 1984 Jul-Sep; 36(3):243–6 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Papillary stones: calcified renal tubules in Randall's plaques. Cifuentes Delatte L, et al. **J Urol** 1985 Mar;133(3):490–4

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 31-1985. A 43-year-old man with nine years of fever of unknown origin. **N Engl J Med** 1985 Aug 1;313(5):312–8

Milk of calcium: a structural study. Grynpas MD, et al. **Scan Electron Microsc** 1984;(Pt 4):1765–70

On mechanism of urate kidney stone formation. Noda S. **Scan Electron Microsc** 1984;(Pt 4):1801–8

Tunnelled renal stone. Chary KS, et al. **Urology** 1984 Nov; 24(5):503–4

[2 cases of nephrolithiasis and intraoperatively established malignant kidney tumor] Tachev S, et al. **Khirurgiia (Sofiia)** 1985;38(1):52–5 **(Bul)**

[Monohydrate and dihydrate oxalic lithiasis. Calculi, their macroscopic structure (radiographic and therapeutic impact). Calciuria and oxaluria] Thomas J, et al. **Nephrologie** 1984;5(4):181–3 (Eng. Abstr.) **(Fre)**

[Correlations between Randall's plaques and renal microcalcifications] Floris F, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):241–2 (Eng. Abstr.) **(Ita)**

[Clinical, radiologic and structural aspects of milk of calcium type of lithiasis] Gastón de Iriarte E, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):435–44 (Eng. Abstr.) **(Spa)**

[Papillary calculi with atypical plaques] Cifuentes Delatte L, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:569–76 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Distal renal tubular dysfunction: a common feature in calcium stone formers. Megevand M, et al. **Eur J Clin Invest** 1984 Dec;14(6):456–61

Rational therapy of nephrolithiasis, Part I. Pak CY. **Ration Drug Ther** 1984 Nov;18(11):1–6

Tubular proteinuria in renal calcium stone formers. Wikström B, et al. **Ups J Med Sci** 1985;90(1):25–30

[Tubular dysfunction in renal lithiasis: cause or consequence?] Jaeger P, et al. **Schweiz Med Wochenschr** 1985 Feb 2; 115(5):160–2 (Eng. Abstr.) **(Fre)**

[Flow technic for analysis of the pyelocaliceal system with regard to the genesis of urinary calculi. III. Studies of dynamic models] Schulz E, et al. **Z Urol Nephrol** 1984 Oct; 77(10):589–97 (Eng. Abstr.) **(Ger)**

[A clinical study of hypercalciuria: hyperfunction of the parathyroid in patients with calcium nephrolithiasis] Nakanishi S. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul; 75(7):1029–37 (Eng. Abstr.) **(Jpn)**

[Protocols for research on lithiasis patients. 1. Lithiasis history] Reis-Santos JM, et al. **Acta Med Port** 1985 Feb; 6(2):45–55 (Eng. Abstr.) **(Por)**

PREVENTION & CONTROL

Applicability of biosuppressin as an urease-inhibitor. Jávor A, et al. **Int Urol Nephrol** 1984;16(3):191–4

The medical prophylaxis of renal calculi. Blandy JP. **Turk J Pediatr** 1984;26(1–4):35–41

[Crystalluria during prophylactic treatment of urinary lithiasis with allopurinol, hydrochlorothiazide, manganese oxide, diphosphonates and propionohydroxamic acid] Buli P, et al. **Nephrologie** 1984;5(5):213–6 (Eng. Abstr.) **(Fre)**

[Comparative variations in natriuresis and urinary calcium in patients with hypercalciuric lithiasis treated with thiazide diuretics] Jungers P, et al. **Nephrologie** 1984;5(5):202–4 (Eng. Abstr.) **(Fre)**

[Calcium lithiasis: uric acid under question] Petit C. **Nephrologie** 1984;5(5):192–4 (Eng. Abstr.) **(Fre)**

[Preventive value of the treatment of recurrent infected calculosis] Minetti L, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):47–52 **(Ita)**

[Preventive treatment of renal calculi] Danielson BG. **Nord Med** 1985;100(2):51–3 (Eng. Abstr.) **(Swe)**

RADIOGRAPHY

Renal calculi and tomography [letter] Hall FM. **AJR** 1985 Jan;144(1):217–8

Pneumopyelography: an adjunct to percutaneous nephrostomy and nephrolithotomy. Ricketts HJ, et al. **AJR** 1984 Nov;143(5):1093–5

Radiographic technique in the diagnosis of renal stones. A comparison of tomography and oblique projections. Jensen AR, et al. **Eur J Radiol** 1985 May;5(2):125–6

Bilateral 'milk of calcium' renal cysts: CT findings. Yashiro N, et al. **J Comput Assist Tomogr** 1985 Jan-Feb; 9(1):199–200

Intraoperative 3-dimensional radiography of the kidney. Modified technique. Gil-Vernet JM, et al. **J Urol** 1984 Nov; 132(5):872–3

The posterolateral and the retrorenal colon: implication in percutaneous stone extraction. Skoog SJ, et al. **J Urol** 1985 Jul;134(1):110–2

Usefulness of computerized tomography in the diagnosis of faintly opaque, very small renal calculi. Yazaki T, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):379–84

The renal parenchymal stone: a benign calcified renal mass. Paling MR, et al. **Urol Radiol** 1984;6(3–4):170–4

New self-developing film for intraoperative renal stone localization. Pahira JJ, et al. **Urology** 1985 Apr;25(4):418–24

[Calcium oxalate monohydrate (whewellite) renal lithiasis] Thomas J, et al. **Ann Urol (Paris)** 1985;19(2):125–7 (Eng. Abstr.) **(Fre)**

[Peripelvic extravasation in intravenous urography] Lange H, et al. **Z Gesamte Inn Med** 1985 Feb 1;40(3):82–4 (Eng. Abstr.) **(Ger)**

[Computer tomography and urinary calculi. 1. Clinical evaluation of intrarenal microlith] Kageyama S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):619–23 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Changes in renal uptake of Tc-99m methylene diphosphonate (MDP) in stone-forming rats. McAfee JG, et al. **Invest Radiol** 1984 Nov-Dec;19(6):543–8

The role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappearance of a staghorn calculus. Shortliffe LM.

J Urol 1985 Jun;133(6):1020-1

SURGERY

Experience with percutaneous nephrolithotomy. Tailly G, et al. **Acta Urol Belg** 1984;52(4):509-12
Percutaneous lithotripsy of staghorn calculi. Adams GW, et al. **AJR** 1985 Oct;145(4):803-7
Percutaneous removal of caliceal calculi. Bush WH, et al. **AJR** 1985 Jan;144(1):139-42
A temporary nephrostomy catheter for the staged removal of renal stones. Ford KK, et al. **AJR** 1985 Jan;144(1):143-4
Percutaneous removal of renal staghorn calculi. Kerlan RK Jr, et al. **AJR** 1985 Oct;145(4):797-801
Anaesthetic experience with percutaneous lithotripsy. A review of potential and actual complications. Peterson GN, et al. **Anaesthesia** 1985 May;40(5):460-4
Endoscopic surgery of the upper urinary tract. Segura JW, et al. **Ann Acad Med Singapore** 1984 Oct;13(4):610-5
Infection stones in patients with myelomeningocele and ileal conduit urinary tract diversion. Krieger JN, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):360-4
A simple technique for removing the coagulum cast in coagulum pyelolithotomy. Ghazizadeh M, et al. **Br J Urol** 1984 Apr;56(2):229
Review of accessories for percutaneous renal surgery. Miller RA, et al. **Br J Urol** 1984 Dec;56(6):577-81
Does calcium contribute to the effectiveness of a coagulum for pyelolithotomy? Watson GM, et al. **Br J Urol** 1984 Apr;56(2):131-4
Percutaneous nephro[illegible]otomy: one stage or two? Wickham JE, et al. **Br J Urol** 1984 Dec;56(6):582-5
Extracorporeal renal surgery and autotransplantation for complicated stone disease. Novick AC. **Cleve Clin Q** 1985 Spring;52(1):21-6
Single-stage percutaneous extraction of renal calculi. Streem SB, et al. **Cleve Clin Q** 1985 Spring;52(1):15-20
Percutaneous renal stone extraction: experience with one stage procedures. Olson EW, et al. **Indiana Med** 1985 May;78(5):393-8
Endourology today--is stone surgery obsolete? Headstream JW, et al. **J Arkansas Med Soc** 1984 Aug;81(3):159-61
Percutaneous renal calculi removal. Milam H, et al. **J Miss State Med Assoc** 1984 Nov;25(11):287-90
Endourology--a continuum. Morris TM, et al. **J Miss State Med Assoc** 1985 Jan;26(1):1-4
Nephrostolithotomy. A new operation. Haglund RV, et al. **J Okla State Med Assoc** 1984 Sep;77(9):315-7
Pediatric anatrophic nephrolithotomy. Assimos DG, et al. **J Urol** 1985 Feb;133(2):233-5
Radiation exposure to patient and urologist during percutaneous nephrostolithotomy. Bush WH, et al. **J Urol** 1984 Dec;132(6):1148-52
Nephro-duodenal fistula: a complication of percutaneous nephrolithotomy. Culkin DJ, et al. **J Urol** 1985 Sep;134(3):528-30
The percutaneous removal of calculi from transplanted kidneys. Hulbert JC, et al. **J Urol** 1985 Aug;134(2):324-6
Retrograde nephrostomy and percutaneous calculus removal in 30 patients. Hunter PT, et al. **J Urol** 1985 Mar;133(3):369-74
Percutaneous removal of renal and ureteral calculi: experience with 400 cases. Reddy PK, et al. **J Urol** 1985 Oct;134(4):662-5
Air embolism, a new complication of percutaneous nephrolithotomy. What are the implications? Miller RA, et al. **J Urol (Paris)** 1984;90(5):337-9
Percutaneous nephrostolithotomy vs open surgery for renal calculi. A comparative study. Preminger GM, et al. **JAMA** 1985 Aug 23-30;254(8):1054-8
Is surgery for renal calculi necessary in 1985? [editorial] Kincaid-Smith P. **Med J Aust** 1985 Aug 19;143(4):136-7
Percutaneous removal of kidney stones. Peartree RJ, et al. **NY State J Med** 1984 Oct;84(10):494-7
Percutaneous extraction of urinary calculi: use of the intercostal approach. Young AT, et al. **Radiology** 1985 Mar;154(3):633-8
The surgical treatment of mixed phosphatic renal lithiasis. Long-term follow-up. Roed-Petersen K, et al. **Scand J Urol Nephrol** 1984;18(3):211-3
Netilmicin sulfate prophylaxis in the surgical treatment of renal stones. Lewi H, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):357-62
Dorsal incision for kidney surgery. Barlas G. **Turk J Pediatr** 1984;26(1-4):67-74
Use of a portable dental X-ray unit in the surgical removal of renal calculi. Remzi D, et al. **Turk J Pediatr** 1984;26(1-4):63-5
Percutaneous and extracorporeal management of renal calculi. Wickham JE. **Turk J Pediatr** 1984;26(1-4):61-2
Use of retrograde occlusion balloon catheters in percutaneous removal of renal calculi. Beckmann CF, et al. **Urology** 1985 Mar;25(3):277-83
Toward bloodless nephrotomy during Gil-Vernet pyelolithotomy. Carpiniello VL, et al. **Urology** 1985 Feb;25(2):187
New steerable catheter for use in percutaneous nephrolithotomy. Leal JJ, et al. **Urology** 1984 Nov;24(5):479-80
Intraoperative localization of renal calculi by real-time ultrasonography. Merran S, et al. **Urology** 1984 Oct;24(4):393-6
Percutaneous nephrolithotomy. With emphasis on large renal stones. Nishimura T, et al. **Urology** 1985 Aug;26(2):143-8
Pain control: comparison of percutaneous and operative nephrolithotomy. Rittenberg MH, et al. **Urology** 1985 May;25(5):468-71
Percutaneous stone removal in a community hospital. Mathis JM, et al. **Va Med** 1985 Mar;112(3):183-5
[Hypothermia in urological practice] Kumanov Kh, et al. **Khirurgiia (Sofiia)** 1984;37(5):395-400 **(Bul)**
[Percutaneous destruction of renal calculi] Kristensen JK, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2943-6 (Eng. Abstr.) **(Dan)**
[Percutaneous nephroscopic removal of renal calculi] Schultz A, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1788-91 (Eng. Abstr.) **(Dan)**
[Coralliform lithiasis in children. Apropos of 20 case reports] Bourdelat D, et al. **Ann Urol (Paris)** 1984 May;18(3):165-8 (Eng. Abstr.) **(Fre)**
[Reabsorption of the irrigation solute during percutaneous nephrolithotomy] Cariou G, et al. **Ann Urol (Paris)** 1985;19(2):83-6 (Eng. Abstr.) **(Fre)**
[Coagulum technic for removal of kidney calix calculi] Faure G, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):236-9 (Eng. Abstr.) **(Fre)**
[Percutaneous renal surgery. Analysis of 100 cases of percutaneous nephrolithotomy] Le Duc A, et al. **Ann Urol (Paris)** 1984 Dec;18(6):381-5 (Eng. Abstr.) **(Fre)**
[Results of percutaneous surgery renal lithiasis] de Leval J, et al. **Rev Med Liege** 1985 Apr 15;40(8):278-87 **(Fre)**
[New developments in the surgical treatment of lithiasis] Graber P. **Rev Med Suisse Romande** 1984 Aug;104(8):593-4 **(Fre)**
[Percutaneous nephrolithotomy and litholapaxy. Endoscopic destruction and removal of kidney calculi] Baumüller A, et al. **Fortschr Med** 1984 Sep 27;102(36):900-2 (Eng. Abstr.) **(Ger)**
[New alternatives to surgical stone removal from the kidney] Eickenberg AU. **Fortschr Med** 1984 Aug 16;102(29-30):16 **(Ger)**
[New alternatives to surgical stone removal from the kidney. Dr. H. U. Eickenberg answers current questions on percutaneous surgical procedures and on shock wave lithotripsy(interview by W. Meschede)] Eickenberg HU. **Fortschr Med** 1984 Aug 16;102(29-30):16 **(Ger)**
[Nephrolithiasis--correlation of calculus type and pathogen spectrum. Calculus analysis and microbiologic diagnosis in 173 surgically treated patients] Friesen A, et al. **Fortschr Med** 1984 Nov 22;102(43):1109-12 (Eng. Abstr.) **(Ger)**
[Complications of percutaneous kidney surgery--prevention and control] Heinrichs B, et al. **Urologe [A]** 1985 May;24(3):132-6 (Eng. Abstr.) **(Ger)**
[Limits of percutaneous calculus surgery. Results and new possibilities of the percutaneous approach to the kidney] Korth K. **Urologe [Ausg A]** 1984 Nov;23(6):302-7 (Eng. Abstr.) **(Ger)**
[Our experiences with percutaneous litholapaxy] Kaufmann F, et al. **Wien Med Wochenschr** 1985 Jun 15;135(11):265-7 (Eng. Abstr.) **(Ger)**
[Urolithiasis and the solitary kidney] Fahlenkamp D, et al. **Z Arztl Fortbild (Jena)** 1984;78(16):675-8 **(Ger)**
[Experience of renal autotransplantation] Hirao Y, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1565-78 (Eng. Abstr.) **(Jpn)**
[Renal autotransplantation and ex vivo surgery in renal calculus disease] Ohshima S, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1551-5 (Eng. Abstr.) **(Jpn)**
[The residual calculi in conservative operation for renal calculi] Ono Y, et al. **Hinyokika Kiyo** 1985 Apr;31(4):579-83 (Eng. Abstr.) **(Jpn)**
[Indications of extracorporeal surgery (autotransplantation) for upper urinary tumors and renal calculi] Osawa A, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1557-64 (Eng. Abstr.) **(Jpn)**
[Renal stone surgery using coagulum reduces residual stones and true recurrence] Ito H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1523-7 (Eng. Abstr.) **(Jpn)**
[Percutaneous nephrolithotomy] Bakke A, et al. **Tidsskr Nor Laegeforen** 1984 Oct 20;104(29):2034-7 **(Nor)**
[Anatrophic nephrolithotomy in complex coralliform lithiasis] Gastón de Iriarte E, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):53-8 (Eng. Abstr.) **(Spa)**
[Coagulum pyelolithotomy with fibrin adhesive] Pedrajas A, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):445-50 (Eng. Abstr.) **(Spa)**
[Renal angiography following anatrophic nephrotomy in coralliform lithiasis] Ruiz Marcellán FJ, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):63-8 (Eng. Abstr.) **(Spa)**
[Endoscopic surgery of lithiasis of the upper urinary tract] Vicente J, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):345-52 (Eng. Abstr.) **(Spa)**
[Our experience in the surgical treatment of staghorn lithiasis] Flores Corral N, et al. **Arch Esp Urol** 1985 Mar-Apr;38(2):166-74 (Eng. Abstr.) **(Spa)**
[Application of fibrin adhesive in the surgery of complex renal lithiasis] Pedrajas Gámiz A, et al. **Arch Esp Urol** 1984 Nov-Dec;37(6):503-9 (Eng. Abstr.) **(Spa)**
[Superior pole anatrophic nephrolithotomy] Virseda JA, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):35-40 (Eng. Abstr.) **(Spa)**

THERAPY

Technical refinements in percutaneous nephroureterolithotomy. Banner MP, et al. **AJR** 1985 Jul;145(1):101-7
Percutaneous approach to nephrolithiasis. Dunnick NR, et al. **AJR** 1985 Mar;144(3):451-5
Renal morphology and function immediately after extracorporeal shock-wave lithotripsy. Kaude JV, et al. **AJR** 1985 Aug;145(2):305-13
Percutaneous extraction of renal stones: experience in 100 patients. Lee WJ, et al. **AJR** 1985 Mar;144(3):457-62
Hydropneumothorax after percutaneous nephrolithotomy. Munshi CA, et al. **Anesth Analg** 1985 Aug;64(8):840-2
Perioperative complications of percutaneous ultrasonic lithotripsy of renal calculi. Warner MA, et al. **Anesthesiology** 1985 Jun;62(6):831-3
Shock wave lithotripsy. Extracorporeal treatment of kidney stones. Walker PL. **AORN J** 1984 Oct;40(4):560-3
Management of patients with renal and ureteric calculi presenting with chronic renal insufficiency. Gupta NP, et al. **Br J Urol** 1985 Apr;57(2):130-2
Electrohydraulic nephrolithotripsy: a preferable alternative to ultrasound. Miller RA, et al. **Br J Urol** 1984 Dec;56(6):589-93
Extracorporeal shock wave lithotripsy: the first 50 patients treated in Britain [letter] **Br Med J [Clin Res]** 1985 May 25;290(6481):1585-6
Extracorporeal shock wave lithotripsy: the first 50 patients treated in Britain. Wickham JE, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1188-9
Management of uric acid renal obstruction by intravenous lactate. Libert MH, et al. **Eur Urol** 1985;11(1):22-5
Financial analysis, personnel planning and organizational requirements for the installation of a kidney lithotripter in a urologic department. Miller K, et al. **Eur Urol** 1984;10(4):217-21
Lithotripter cuts need for stone surgery. **Hospitals** 1984 Oct 1;58(19):56, 58
Extracorporeal shock-wave lithotripsy (ESWL) of kidney and ureteric stones. Schmiedt E, et al. **Int Urol Nephrol** 1984;16(4):273-83
Lithotripsy arrives at University Hospitals. **Iowa Med** 1985 Apr;75(4):153
Percutaneous nephrostolithotomy: Ochsner Medical Institutions' experience. Fuselier HA Jr, et al. **J La State Med Soc** 1985 Jun;137(6):39-41
Percutaneous ultrasonic lithotripsy in the community hospital. Bass RB Jr, et al. **J Urol** 1985 Apr;133(4):586-7
Kidney stone removal: percutaneous versus surgical lithotomy. Brannen GE, et al. **J Urol** 1985 Jan;133(1):6-12
Peritoneal extravasation during percutaneous lithotripsy. Carson CC, et al. **J Urol** 1985 Oct;134(4):725-7
Percutaneous transperitoneal approach to a pelvic kidney for endourological removal of staghorn calculus. Eshghi AM, et al. **J Urol** 1985 Sep;134(3):525-7
Late sequelae of ultrasonic lithotripsy of renal calculi. Marberger M, et al. **J Urol** 1985 Feb;133(2):170-3
Effect of percutaneous nephrostolithotomy on renal function. Mayo ME, et al. **J Urol** 1985 Feb;133(2):167-9
The current role of medical treatment of nephrolithiasis: the impact of improved techniques of stone removal. Preminger GM, et al. **J Urol** 1985 Jul;134(1):6-10
Comparative efficacy of 'specific' potassium citrate therapy versus conservative management in nephrolithiasis of mild to moderate severity. Preminger GM, et al. **J Urol** 1985 Oct;134(4):658-61
Endourology. Segura JW. **J Urol** 1984 Dec;132(6):1079-84 (51 ref.)
Pyelovenous backflow: implications for coagulum pyelolithotomy and nephroscopy. Sonda LP, et al. **J Urol** 1985 May;133(5):894-6
Percutaneous nephrolithotripsy: a functional and morphological study. Webb DR, et al. **J Urol** 1985 Sep;134(3):587-91
Diagnostic and therapeutic technology assessment. Percutaneous nephrolithotomy. **JAMA** 1984 Dec 21;252(23):3301-2
Diagnostic and therapeutic technology assessment. Endoscopic transurethral nephrolithotomy. **JAMA** 1984 Dec 21;252(23):3302
Diagnostic and therapeutic technology assessment. Noninvasive extracorporeal lithotripsy. **JAMA** 1984 Dec 21;252(23):3301
FDA approves lithotripter for kidney stone shattering [news] Marnick C, et al. **JAMA** 1985 Feb 1;253(5):620, 623
New methods for stone extraction in urology [editorial] **Lancet** 1984 Dec 15;2(8416):1377-8
Percutaneous ultrasonic disintegration and removal of renal calculi. Nunn IN, et al. **Med J Aust** 1985 Apr 1;142(7):389-91
Non-surgical methods of kidney stone removal [editorial] Segura JW. **NY State J Med** 1984 Oct;84(10):485-6
Electrolysis for recanalization of urinary collecting system obstructions: a percutaneous approach. Cardella JF, et al. **Radiology** 1985 Apr;155(1):87-90
Complications of percutaneous nephrostolithotomy. Dunnick NR, et al. **Radiology** 1985 Oct;157(1):51-5
Colon perforation following percutaneous nephrostomy and renal calculus removal. LeRoy AJ, et al. **Radiology** 1985 Apr;155(1):83-5

Renal stones--current viewpoints on etiology and management. Danielson BG. **Scand J Urol Nephrol** 1985; 19(1):1-5

Percutaneous extraction of renal calculi. Streem SB, et al. **Urol Clin North Am** 1985 May;12(2):381-95

Extracorporeal shock-wave lithotripsy of kidney and ureteric stones. Schmiedt E, et al. **Urol Int** 1984;39(4):193-8

Shock-wave lithotripsy for the removal of kidney stones. Gillenwater JY, et al. **Va Med** 1985 Mar;112(3):182-3

[Recent advances in the treatment of kidney stones] Alfthan O. **Duodecim** 1984;100(17):1083-5 **(Fin)**

[Ultrasound and shock waves in the elimination of renal calculi] Horchani A. **Tunis Med** 1985 Jan;63:5-7 **(Fre)**

[Costs and benefits of noninvasive kidney calculus lithotripsy] Rassweiler J, et al. **Lebensversicherungsmedizin** 1985 May 1;37(3):80-4 (Eng. Abstr.) **(Ger)**

[Current procedures in the therapy of urolithiasis: the end of conventional stone surgery?] Futterlieb A, et al. **Schweiz Rundsch Med Prax** 1985 Mar 5;74(10):229-35 (Eng. Abstr.) **(Ger)**

[Expansion of extracorporeal shock were lithotripsy by auxiliary methods] Schüller J, et al. **Urologe [Ausg A]** 1984 Nov;23(6):317-23 (Eng. Abstr.) **(Ger)**

[Primary percutaneous nephrolithotomy] Tóth C, et al. **Orv Hetil** 1985 Mar 10;126(10):587-8 (Eng. Abstr.) **(Hun)**

[Dissolution of a cystine stone by antegrade electric flow] Tóth C, et al. **Orv Hetil** 1985 Jun 9;126(23):1423-4 (Eng. Abstr.) **(Hun)**

[Percutaneous treatment of kidney calculi] Giuliani L. **Minerva Chir** 1985 Mar 15;40(5):251-5 (Eng. Abstr.) **(Ita)**

[Urinary calculosis and its new treatment by extracorporeal shock wave lithotripsy] Rocco F, et al. **Minerva Med** 1984 Nov 10;75(43):2569-77 **(Ita)**

[Treatment of kidney calculi. (Report on a visit at the Urological Clinic, Ludwig Maximilian University, in Munich). I] Kuzaka B. **Pol Tyg Lek** 1984 Jul 9;39(28):965-6 **(Pol)**

[Contactless destruction of kidney stones by a focused shock wave (an experimental study)] Andriianov IuV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug; (4):36-40 (Eng. Abstr.) **(Rus)**

URINE

Biochemical studies in paraplegic renal stone patients. 2. Urinary excretion of citrate, inorganic pyrophosphate, silicate and urate. Burr RG, et al. **Br J Urol** 1985 Jun; 57(3):275-8

Infrared spectroscopic studies of renal stones. Khaliq A, et al. **Br J Urol** 1984 Apr;56(2):135-9

The relationship between urinary inhibitory activity and endogenous concentrations of glycosaminoglycans and uric acid: comparison of urines from stone-formers and normal subjects. Ryall RL, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):197-204

Impaired renal tubular reabsorption of magnesium (TRMg) in Ca-containing kidney stone formers. Revúsová V, et al. **Int Urol Nephrol** 1984;16(3):237-42

Excretion of triamterene and its metabolite in triamterene stone patients. Ettinger B. **J Clin Pharmacol** 1985 Jul-Aug; 25(5):365-8

Change in inhibitory potential in urine of hyperuricosuric calcium oxalate stone formers effected by allopurinol and orthophosphates. Goldwasser B, et al. **J Urol** 1984 Nov; 132(5):1008-11

Bilateral milk-of-calcium urine and hydronephrosis. McCorkell SJ, et al. **J Urol** 1985 Jan;133(1):77-8

Renal calcium conservation in recurrent stone-formers with idiopathic hypercalciuria. Goulding A, et al. **NZ Med J** 1985 Feb 13;98(772):50-2

Pathophysiological studies in hypercalciuric and normocalciuric stone formers. Minisola S, et al. **Urol Int** 1985;40(2):65-71

Xanthine calculi in the patient with the Lesch-Nyhan syndrome associated with urinary tract infection. Oka T, et al. **Urol Int** 1985;40(3):138-40

[Comparative study of urinary calcium, oxalate and uric acid in calcium oxalate lithiasis] Dumoulin G, et al. **Nephrologie** 1984;5(5):189-91 (Eng. Abstr.) **(Fre)**

[Diagnosis of relative hypomagnesurea in calcium lithiasis: reference values for a new parameter] Labeeuw M, et al. **Nephrologie** 1984;5(3):101-5 (Eng. Abstr.) **(Fre)**

[Tubular hypercalciuria] Meyrier A, et al. **Nephrologie** 1984; 5(5):208-12 **(Fre)**

[Dietary management of renal stone disease--with special reference to oxalate] Iguchi M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):293-302 (Eng. Abstr.) **(Jpn)**

VETERINARY

Struvite uroliths in a cheetah. Weber WJ, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1389-90

KIDNEY CALICES see under **KIDNEY PELVIS**

KIDNEY CIRCULATION see **RENAL CIRCULATION**

KIDNEY CONCENTRATING ABILITY

IgM monoclonal gammopathy accompanied by nodular glomerulosclerosis, urine-concentrating defect, and hyporeninemic hypoaldosteronism. Nakamoto Y, et al. **Am J Nephrol** 1985;5(1):53-8

RBC choline and renal disorders during lithium treatment. Gutterman DF, et al. **Am J Psychiatry** 1985 Apr; 142(4):493-5

Impaired renal concentrating capacity in the rat after surgical resection of the papilla. Gobe GC, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):373-9

Mechanism of impaired urinary concentrating ability in normokalemic primary aldosteronism. Conte G, et al. **Clin Nephrol** 1984 Aug;22(2):91-6

Examination of transepithelial exchange of water and solute in the rat renal pelvis. Bargman J, et al. **J Clin Invest** 1984 Nov;74(5):1860-70

In vivo and in vitro studies of urinary concentrating ability in potassium-depleted rabbits. Raymond KH, et al. **J Clin Invest** 1985 Aug;76(2):561-6

Is the renin-angiotensin system involved in urinary concentration mechanisms? Imbs JL, et al. **J Physiol (Paris)** 1984;79(6):481-4

The growing rabbit with a solitary, partially-obstructed kidney. Analysis of an experimental model with reference to the renal concentrating ability. Kekomäki M, et al. **J Urol** 1985 May;133(5):870-2

Mechanism of impaired urinary concentration in chronic primary glomerulonephritis. Conte G, et al. **Kidney Int** 1985 May;27(5):792-8

Development of urinary concentrating capacity in weaning rats. Rane S, et al. **Pediatr Res** 1985 May;19(5):472-5

Urea reabsorption along the papillary collecting duct in potassium-deficient rats. Webster SK, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):96-100

Role of renal prostaglandins in the fall in urine osmolality after papillary micropuncture. Hartupee DA, et al. **Prostaglandins** 1985 Jun;29(6):981-90

Relationship between urinary concentrating ability, arginine vasopressin in plasma and blood pressure after renal transplantation. Pedersen EB, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):321-6

[Concentrating ability of the kidneys in patients with polycystic kidneys during a stage of normal values of glomerular filtration] Nádvorníková H, et al. **Vnitr Lek** 1985 Feb;31(2):105-12 (Eng. Abstr.) **(Cze)**

[Evaluation of urinary density by AMES reagent strips and comparison to the density determined by refractometry and urinary osmolarity] Audouin W, et al. **Clin Biochem** 1985 Apr;18(2):130-3 **(Fre)**

[Experimental studies on the specific weight and osmotic activity of nephrologically important solutions] Adolph E, et al. **Biomed Biochim Acta** 1984;43(10):1157-63 (Eng. Abstr.) **(Ger)**

[Concentration of urine: in search of a model] Sadowski J, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):117-21 (15 ref.) **(Pol)**

DRUG EFFECTS

[Normal value status for urine conductance in childhood following Adiuretin administration] Nentwich HJ, et al. **Z Arztl Fortbild (Jena)** 1984;78(23):997-9 **(Ger)**

KIDNEY CORTEX

ANALYSIS

Location of angiotensin II and bradykinin receptors in rat renal cortex epithelial membranes. Cox HM, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1893-6

Cadmium/zinc relationships in kidney cortex and metallothionein of horse and red deer: histopathological observations on horse kidneys. Holterman WF, et al. **Environ Res** 1984 Dec;35(2):466-81

Accumulation and interrelationship of cadmium and zinc in human kidney cortex. Pandya CB, et al. **Environ Res** 1985 Feb;36(1):81-8

Glycosaminoglycans from renal brush border membranes of rabbits. Munakata H, et al. **Tohoku J Exp Med** 1985 Apr; 145(4):353-8

[Determination of the concentration of gentamycin in the renal tissue of rats by radioimmunoassay] Camps J, et al. **Arch Farmacol Toxicol** 1984 Dec;10(3):167-73 (Eng. Abstr.) **(Spa)**

BLOOD SUPPLY

Blood flow heterogeneity in the renal cortex during burn shock in dogs. Kirkebø A, et al. **Acta Physiol Scand** 1985 Feb;123(2):205-13

Renal cortical perfusion--preliminary experience with the dynamic spatial reconstructor (DSR). Iwasaki T, et al. **Ann Biomed Eng** 1985;13(3-4):259-71

Countercurrent diffusion in the renal cortex of the rabbit. Effros RM, et al. **Circ Res** 1984 Oct;55(4):463-7

Surface densities of diaphragmed fenestrae and transendothelial channels in different murine capillary beds. Milici AJ, et al. **Circ Res** 1985 May;56(5):709-17

Local blood flow changes in the renal cortex during tourniquet and burn shock in rats. Haugan A, et al. **Circ Shock** 1984;14(3):147-57

Renin release from isolated afferent arterioles. Itoh S, et al. **Kidney Int** 1985 May;27(5):762-7

Distribution of parathyroid hormone-sensitive adenylate cyclase in isolated rabbit renal cortex microvessels and glomeruli. Helwig JJ, et al. **Life Sci** 1984 Dec 24; 35(26):2649-57

CYTOLOGY

Structural adaptation to altered electrolyte metabolism by cortical distal segments. Kaissling B. **Fed Proc** 1985 Aug; 44(11):2710-6 (34 ref.)

Photoaffinity labeling of atrial natriuretic factor receptors of rat kidney cortex plasma membranes. Yip CC, et al. **J Biol Chem** 1985 Jul 15;260(14):8229-32

Morphological and physiological studies of rat kidney cortex slices undergoing isosmotic swelling and its reversal: a possible mechanism for ouabain-resistant control of cell volume. Russo MA, et al. **J Membr Biol** 1985;85(1):1-24

[Kinetic studies of Na+ dependent phosphate transport in renal brush border membrane vesicles] Nagasawa M, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):71-8 (Eng. Abstr.) **(Jpn)**

[Regulation of the cell volume in slices of external renal cortex] Rasia ML, et al. **Medicina (B Aires)** 1984; 44(2):153-62 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Inhibition of 2-oxoglutarate metabolism by lithium in the isolated rat kidney cortex tubules. Stepiński J, et al. **Acta Biochim Pol** 1984;31(2):241-9

Tubular regeneration in rat kidney cortex during treatment with gentamicin at a low dose. Laurent G, et al. **Arch Toxicol [Suppl]** 1984;7:459-63

Effect of cisplatin on organic ion transport in membrane vesicles from rat kidney cortex. Williams PD, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):875-80

Structure/activity studies of the nephrotoxic and mutagenic action of cysteine conjugates of chloro- and fluoroalkenes. Green T, et al. **Chem Biol Interact** 1985 Jun;54(1):15-31

The influence of cooling rate and warming rate on the response of renal cortical slices frozen to -40 degrees C in the presence of 2.1 M cryoprotectant (ethylene glycol, glycerol, or dimethyl sulfoxide). Hawkins HE, et al. **Cryobiology** 1985 Aug;22(4):378-84

Antidiuretic hormone antagonists and aquaresis in dogs: different vasopressin sensitivity and antagonist potency in renal cortex and papilla. Stassen FL, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):100-5

Recovery of cortical phospholipidosis and necrosis after acute gentamicin loading in rats. Giuliano RA, et al. **Kidney Int** 1984 Dec;26(6):838-47

Inhibition of beta-amino acid transport by diamide does not involve the brush border membrane surface. Chesney RW, et al. **Pediatr Pharmacol (New York)** 1985;5(1):63-72

Effect of dopamine and dopamine-receptor blockade on in vitro renin release, tissue renin content and tissue cyclic AMP content in the rat. López GA, et al. **Rev Esp Fisiol** 1985 Mar;41(1):95-100

[Influence of 3 beta-blockers on the diameter of glomeruli isolated from the renal cortex of rats] Brondeau P, et al. **C R Soc Biol (Paris)** 1985;179(1):98-101 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Cooperation of Ca2+ and pH in regulation of the activity of the 2-oxoglutarate dehydrogenase complex and its components from bovine kidney cortex. Pawelczyk T, et al. **Acta Biochim Pol** 1984;31(3):289-305

Evidence of bPTH-(1-34) sensitive adenylate cyclase in isolated rabbit renal cortex arterioles. Helwig JJ, et al. **Adv Exp Med Biol** 1984;178:303-9

NAD-glycohydrolase in renal brush border membranes. Kempson SA. **Am J Physiol** 1985 Sep;249(3 Pt 2):F366-73

ATP-dependent H+ pump in membrane vesicles from rat kidney cortex. Sabolić I, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F835-44

Cysteine conjugate beta-lyase activities in rat kidney cortex: subcellular localization and relationship to the hepatic enzyme. Stevens JL. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):499-504

Proteins of the kidney microvillar membrane. Purification and properties of carboxypeptidase P from pig kidneys. Hedeager-Sørensen S, et al. **Biochem J** 1985 Jul 1; 229(1):251-7

Proteins of the kidney microvillar membrane. Effects of monensin, vinblastine, swainsonine and glucosamine on the processing and assembly of endopeptidase-24.11 and dipeptidyl peptidase IV in pig kidney slices. Stewart JR, et al. **Biochem J** 1984 Dec 1;224(2):559-68

Proteins of the kidney microvillar membrane. Biosynthesis of endopeptidase-24.11, dipeptidylpeptidase IV and aminopeptidases N and A in pig kidney slices. Stewart JR, et al. **Biochem J** 1984 Dec 1;224(2):549-58

9-Hydroxyprostaglandin dehydrogenase in rat kidney cortex converts prostaglandin I2 into 15-keto-13,14-dihydro 6-ketoprostaglandin E1. Pace-Asciak CR, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):129-35

Release of enzymes from the lysosomes of rat kidney cortex by aminoglycoside antibiotics. Inaba A, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3173-8

Role of extra- and intracellular calcium and calmodulin in renin release from rat kidney. Antonipillai I, et al. **Endocrinology** 1985 Aug;117(2):601-6

Effects of human erythrocyte guanine nucleotide-binding regulatory protein on parathyroid hormone-responsive adenylate cyclase from canine renal cortex. Levine MA, et al. **Endocrinology** 1984 Oct;115(4):1386-91

Influence of forskolin on the parathyroid hormone dependent adenylate cyclase system of canine kidney: evidence for noncatalytic effects of forskolin. Martin KJ, et al. **Endocrinology** 1984 Nov;115(5):1678-82

Glutamic acid decarboxylase in tubules and glomeruli isolated from rat kidney cortex. Burgmeier N, et al. **Eur J Biochem** 1985 Sep 2;151(2):361-4

An azide-insensitive low-affinity ATPase stimulated by Ca2+ or Mg2+ in basal-lateral and brush border membranes of kidney cortex. Ilsbroux I, et al. **Eur J Biochem** 1985 Aug 15;151(1):123-9

Cleavage of des-Arg9-bradykinin by angiotensin I-converting enzyme from pig kidney cortex. Oshima G, et al. **Experientia** 1985 Mar 15;41(3):325-8

Isoproterenol-sensitive adenylate cyclase in glomeruli isolated from young and adult rat renal cortex. Judes C, et al. **Gen Pharmacol** 1985;16(3):205-10

Characterization of intermediate-molecular-weight acid phosphatase from bovine kidney cortex. Fujimoto S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1079-88

Isolation and characterization of four forms of trehalase from rabbit kidney cortex. Nakano M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1329-35

Beta-lactamase activity of purified and partially characterized human renal dipeptidase. Campbell BJ, et al. **J Biol Chem** 1984 Dec 10;259(23):14586-90

The subcellular distribution and storage form of renin in human kidney cortex. Taylor GM, et al. **J Hypertens** 1983 Oct;1(3):277-84

Sodium-dependent modulation of the renal Na-K-ATPase: influence of mineralocorticoids on the cortical collecting duct. O'Neil RG, et al. **J Membr Biol** 1985;85(2):169-79

A1 and A2 adenosine receptor activation inhibits and stimulates renin secretion of rat renal cortical slices. Churchill PC, et al. **J Pharmacol Exp Ther** 1985 Mar; 232(3):589-94

Activation of urinary inactive kallikrein by an extract from the rat kidney cortex. Takaoka M, et al. **Life Sci** 1985 Sep 16;37(11):1015-22

High-molecular-weight renin converting enzyme from dog kidney: detection and fractionation. Tanaka M, et al. **Life Sci** 1985 Mar 25;36(12):1217-24

Renal refractoriness to PTH in experimental Fanconi syndrome: evidence for intact adenylate cyclase activation. Wald H, et al. **Pflugers Arch** 1984 Sep;402(1):116-9

Ca++-transporting ATPase of rat kidney basal-lateral plasma membranes. Gmaj P, et al. **Prog Clin Biol Res** 1984; 164:407-15

[Changes in the activity of renal intracortical kallikrein during induction of Goldblatt arterial hypertension of the 2 kidney—1 clip type in the rat] Girolami JP, et al. **Arch Mal Coeur** 1984 Oct;77(11):1204-9 (Eng. Abstr.) **(Fre)**

[Activity and various properties of Mg-ATPase, Na,K-ATPase, Ca-ATPase and HCO3-ATPase in the kidney cortex, parotid gland and pancreas of cattle] Uhlig G, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):572-82 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

Lipolytic activity of renal cortex during ontogenetic development in rats. Hohenegger M, et al. **Biol Neonate** 1985;47(1):54-60

Alterations of linoleic, arachidonic and eicosapentaenoic acids in renal cortex and medulla of SHR during the onset of hypertension. Singer P, et al. **Biomed Biochim Acta** 1984; 43(8-9):S247-50

IMMUNOLOGY

Human peripheral blood and splenic T lymphocyte reactions versus kidney cortical cells. Roth D, et al. **Transplant Proc** 1984 Dec;16(6):1532-4

METABOLISM

Effect of lithium on renal gluconeogenesis. Stepiński J, et al. **Acta Biochim Pol** 1984;31(2):229-40

Effects of anaerobic substrates on post-anoxic cellular functions in isolated tubular segments of rat kidney cortex. Gronow GH, et al. **Adv Exp Med Biol** 1984;180:403-10

The usefulness of isolated renal cortical cells to study phosphate transport. Tessitore N, et al. **Adv Exp Med Biol** 1984;178:73-6

Sodium-dependent bicarbonate absorption by cortical thick ascending limb of rat kidney. Good DW. **Am J Physiol** 1985 Jun;248(6 Pt 2):F821-9

Glucocorticoid activation of Na+/H+ exchange in renal brush border vesicles: kinetic effects. Kinsella JL, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F233-9

Sodium-pyrazinoate cotransport in rabbit renal brush border membrane vesicles. Manganel M, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F400-8

Effects of benzyl alcohol on PTH receptor-adenylate cyclase system of canine kidney. Martin KJ, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E31-5

Mechanisms of Na+ uptake into renal brush border membrane vesicles. Nord EP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F548-54

Mineralocorticoid regulation of apical cell membrane Na+ and K+ transport of the cortical collecting duct. Sansom SC, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F858-68

Absence of Cl-OH exchange and NaCl cotransport in rabbit renal microvillus membrane vesicles. Seifter JL, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F753-9

Evidence for electroneutral chloride transport in rabbit renal cortical brush border membrane vesicles. Shiuan D, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F837-47

Effect of barium ion on p-aminohippurate transport in basolateral membrane vesicles isolated from rat kidney cortex. Hori M, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):287-99

Effects of inorganic lead in vitro on ion exchanges and respiratory metabolism of rat kidney cortex. van Rossum GD, et al. **Arch Toxicol** 1985 Jan;56(3):175-81

Inactivation of [125I]-angiotensin II binding sites in rat renal cortex epithelial membranes by dithiothreitol. Cox HM, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4057-62

Uptake of inorganic lead in vitro by isolated mitochondria and tissue slices of rat renal cortex. Kapoor SC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1439-48

Distribution of gentamicin among subcellular fractions from rat renal cortex. Weinberg JM, et al. **Biochem Pharmacol** 1985 May 15;34(10):1779-87

Purification, characterization, and activation of the glucocorticoid-receptor complex from rat kidney cortex. Webb ML, et al. **Biochemistry** 1985 Apr 9;24(8):1946-52

Sulfate transport by mouse renal cortical slices does not represent uptake by brush-border membrane. Cole DE, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):113-21

Calcium-induced phosphorylations and [125I]calmodulin binding in renal membrane preparations. De Smedt H, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):122-32

A gamma-aminobutyric acid-specific transport mechanism in mammalian kidney. Goodyer PR, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):45-54

Mechanisms of uptake of ketone bodies by luminal-membrane vesicles. Jørgensen KE, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):23-34

Phospholipid metabolism in rat kidney cortical tubules. II. Effects of hormones on 32P incorporation. Wirthensohn G, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):401-10

Phospholipid metabolism in rat kidney cortical tubules. I. Effect of renal substrates. Wirthensohn G, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):392-400

Location of [125I]-angiotensin II receptors on rat kidney cortex epithelial cells. Cox HM, et al. **Br J Pharmacol** 1984 Aug;82(4):891-5

Catabolism of 6-keto prostaglandin E1 by rat kidney homogenates. Pace-Asciak CR, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):709-14

The lipid content of the diabetic kidney of the rat. Lemieux G, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1274-8

Effect of hibernation on liver and kidney metabolism in 13-lined ground squirrels. Green CJ, et al. **Comp Biochem Physiol [B]** 1984;79(2):167-71

The effects of chronic metabolic acidosis on patterns of protein synthesis in rat renal cortex. Haas MJ, et al. **Comp Biochem Physiol [B]** 1984;79(2):187-94

Thyroid hormones increase renal brush border membrane transport of phosphate in X-linked hypophosphatemic (Hyp) mice. Kiebzak GM, et al. **Endocrinology** 1985 Aug; 117(2):613-9

Impaired parathyroid hormone receptor-adenylate cyclase system in the postobstructed canine kidney. Stokes TJ, et al. **Endocrinology** 1985 Mar;116(3):1060-5

Modulatory effect of thyroid hormones on uptake of phosphate and other solutes across luminal brush border membrane of kidney cortex. Yusufi AN, et al. **Endocrinology** 1985 Jun;116(6):2438-49

Aminoglycoside-induced functional and biochemical defects in the renal cortex. Kaloyanides GJ. **Fundam Appl Toxicol** 1984 Dec;4(6):930-43

Direct evidence for the role of the membrane potential in glutathione transport by renal brush-border membranes. Inoue M, et al. **J Biol Chem** 1985 Jan 10;260(1):326-31

Radiation inactivation studies on the rabbit kidney sodium-dependent glucose transporter. Takahashi M, et al. **J Biol Chem** 1985 Sep 5;260(19):10551-6

Affinity chromatography of protein kinase C-phorbol ester receptor on polyacrylamide-immobilized phosphatidylserine. Uchida T, et al. **J Biol Chem** 1984 Oct 25;259(20):12311-4

Contribution of individual superficial nephron segments to ammonium handling in chronic metabolic acidosis in the rat. Evidence for ammonia disequilibrium in the renal cortex. Simon E, et al. **J Clin Invest** 1985 Aug;76(2):855-64

The intrarenal distribution of aztreonam in healthy and diseased kidneys: clinical therapeutic implications. Watson AJ, et al. **J Infect Dis** 1984 Nov;150(5):631-5

Renal transport of bisphosphonates: accumulation by renal cortical slices enhanced by calcium phosphate ions. Troehler U, et al. **J Lab Clin Med** 1985 Jul;106(1):23-9

Histidyl residues at the active site of the Na/succinate co-transporter in rabbit renal brush borders. Bindslev N, et al. **J Membr Biol** 1984;81(2):159-70

Renal cortical brush-border and basolateral membranes: cholesterol and phospholipid composition and relative turnover. Molitoris BA, et al. **J Membr Biol** 1985; 83(3):207-15

Effects of trypsin and protein modification on the renal transporter of p-aminohippurate. Tse SS, et al. **J Membr Biol** 1984;82(3):249-57

Transport of papaverine in rat kidney cortical slices. Nakajima M, et al. **J Pharmacobiodyn** 1984 Nov;7(11):830-5

H+ gradient-dependent transport of aminocephalosporins in rat renal brush border membrane vesicles: role of H+/organic cation antiport system. Inui K, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):181-5

The effect of racemomycin-D, a nephrotoxic antibiotic, on cellular metabolism of rat kidney cortex in vitro. Inamori Y, et al. **Jpn J Pharmacol** 1984 Aug;35(4):397-401

Effects of W-7 and W-5 on renin release from rat kidney cortical slices. Matsumura Y, et al. **Jpn J Pharmacol** 1984 Oct;36(2):268-71

Identification of vasopressin and determination of its corticomedullary levels in rat kidney tissue. Shimizu K, et al. **Kidney Int** 1984 Dec;26(6):785-90

Effect of cortical-medullary gradient for ammonia on urinary excretion of ammonia. Stern L, et al. **Kidney Int** 1985 Apr; 27(4):652-61

Phosphate transport by brushborder membranes from superficial and juxtamedullary cortex. Turner ST, et al. **Kidney Int** 1985 Jun;27(6):879-85

Renin release from kidney cortical slices in response to isoproterenol and glucagon is decreased in vitamin E-deficient rats. Miyawaki N, et al. **Life Sci** 1985 Sep 9; 37(10):923-30

Prostacyclin-independence in beta-adrenoceptor mediated renin release from dog renal cortical slices. Satoh H, et al. **Life Sci** 1984 Oct 1;35(14):1519-26

Effects of 1,25-dihydroxyvitamin D3 on membrane transport and intermediary metabolism. Egel J, et al. **Miner Electrolyte Metab** 1985;11(1):62-8

Role of substrates and nucleotides in phosphate uptake by rabbit renal cortical cells. Sakhrani LM, et al. **Miner Electrolyte Metab** 1984;10(6):391-7

A new approach to determine rates of receptor appearance and disappearance in vivo. Application to agonist-mediated down-regulation of rat renal cortical beta 1- and beta 2-adrenergic receptors. Snavely MD, et al. **Mol Pharmacol** 1985 Jan;27(1):19-26

Effects of adenosine on renin release from isolated rat glomeruli and kidney slices. Skøtt O, et al. **Pflugers Arch** 1985 Jul;404(3):232-7

Some characteristics of urea accumulation in the renal cortex tissue of rats and dogs. Heller J, et al. **Physiol Bohemoslov** 1984;33(4):289-95

Specific membrane receptors for atrial natriuretic factor in renal and vascular tissues. Napier MA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5946-50

Differential binding of folates by rat renal cortex brush border and basolateral membrane preparations. Corrocher R, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):73-84

Renal transport of gossypol in the rabbit. Goldinger JM, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):50-4

Urea reabsorption along the papillary collecting duct in potassium-deficient rats. Webster SK, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):96-100

Kinetics of phosphate uptake by brush border membranes (BBM) from superficial and deep cortex. Brunette MG, et al. **Prog Clin Biol Res** 1984;168:319-24

Calcium transport in isolated and reconstituted basal-lateral plasma membranes of rat kidney cortex. Gmaj P, et al. **Prog Clin Biol Res** 1984;168:337-42

Properties of Na+/Ca2+ exchange in epithelial plasma membranes from rat kidney cortex and rat duodenum. van Os CH, et al. **Prog Clin Biol Res** 1984;168:95-100

Inhibitory effect on lithium on p-aminohippurate transport in rat kidney cortex in vitro. Gemba M, et al. **Renal Physiol** 1985;8(3):179-88

Effect of cephalosporins on organic ion transport in renal membrane vesicles from rat and rabbit kidney cortex. Williams PD, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):357-71

[Glutathione and tissue uptake of triiodothyronine] Higueret P, et al. **Ann Endocrinol (Paris)** 1984;45(2):149-50 (Eng. Abstr.) **(Fre)**

[Lipid composition of microsomes and mitochondria of the rat kidney cortex] Jung K, et al. **Biomed Biochim Acta** 1985; 44(3):381-8 (Eng. Abstr.) **(Ger)**

[Regulation of the renal excretion of phosphates. Use of isolated vesicles of luminal membranes for the study of phosphate transport] Angielski S. **Postepy Biochem** 1984; 30(3-4):273-94 (95 ref.) **(Pol)**

[Quantitative indicators of gentamicin and sisomicin interaction with isolated subcellular fractions of the liver and kidneys and intracellular distribution of these antibiotics] Guliaev AE, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):50-4 (Eng. Abstr.) **(Rus)**

[Energy metabolism in the kidney cortex of rats with alloxan diabetes] Cheshchevik AB. **Vopr Med Khim** 1985 Jan-Feb; 31(1):52-4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Creatinine clearance and renal interstitium in diffuse endocapillary proliferative glomerulonephritis. Haen M, et al. **Pathol Res Pract** 1985 Mar;179(4-5):462-8

Pattern of renal cortical scarring after experimental papillary necrosis. Whitbourn RJ, et al. **Pathology** 1984 Jul; 16(3):272-7

Hemolytic-uremic syndrome: initial presentation mimicking intestinal intussusception. Sun CC, et al. **Pediatr Pathol**

1983 Oct-Dec;1(4):415-22

Sonographic evaluation of hypertrophy of septum of Bertin. Prando A, et al. **Urology** 1984 Nov;24(5):505-10

[The importance of tubulo-interstitial changes in renal biopsy specimen] Abe S, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan; 27(1):65-70 (Eng. Abstr.) **(Jpn)**

[Clinicopathological studies of renal cortical necrosis--with special reference to its pathogenesis] Fukusato T. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1461-78 (Eng. Abstr.) **(Jpn)**

[Characteristics of destructive-regenerative processes in the kidneys of albino rats in conditions of necronephrosis caused by corrosive sublimate] Andreev VP. **Biull Eksp Biol Med** 1985 Mar;99(3):370-3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Interactions between phosphate and oxidative metabolism in proximal renal tubules. Brazy PC, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F575-81

Transepithelial and cell membrane electrical resistances of the rabbit proximal convoluted tubule. Lapointe JY, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F637-49

Effect of ouabain on K secretion in cortical collecting tubules from adrenalectomized rabbits. Wingo CS. **Am J Physiol** 1984 Oct;247(4 Pt 2):F588-95

The influence of temperature on the function of renal cortical slices frozen in various cryoprotectants. Clark P, et al. **Cryobiology** 1985 Apr;22(2):156-60

Ion transport and oxygen consumption in kidney cortex slices from young and old rats. Proverbio F, et al. **Gerontology** 1985;31(3):166-73

Electrophysiological properties of cellular and paracellular conductive pathways of the rabbit cortical collecting duct. O'Neil RG, et al. **J Membr Biol** 1984;82(3):281-95

Determinants of CO2 generation and maintenance in the renal cortex: role of metabolic CO2 production and diffusive CO2 transfer. DuBose TD Jr, et al. **Miner Electrolyte Metab** 1985;11(4):223-9

Response to isotonic saline infusion after selective renal cortical ablation in the rat. Martinez-Maldonado M, et al. **Miner Electrolyte Metab** 1985;11(2):69-78

Modulation of vasopressin-induced water permeability of the cortical collecting tubule by endogenous and exogenous prostaglandins. Stokes JB 3d. **Miner Electrolyte Metab** 1985;11(4):240-8

RADIONUCLIDE IMAGING

Scintigraphic evaluation of the viability of cold-preserved kidneys before transplantation. Anaise D, et al. **J Nucl Med** 1984 Dec;25(12):1304-9

SECRETION

Tamm-Horsfall glycoprotein release from rat kidney cortex slices in vitro. Wirdnam PK, et al. **Clin Sci** 1984 Nov; 67(5):529-34

Inhibitory effects of norepinephrine, methoxamine and phenylephrine on renin release from rat kidney cortical slices. Matsumura Y, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):782-7

Effect of calcium, sodium and isoproterenol on renin secretion from disaggregated rat renal cortical cells. O'Dea RF Jr, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):187-205

ULTRASTRUCTURE

Cation dependence of renal outer cortical brush border membrane L-glutamate transport. Fukuhara Y, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F869-75

Water and urea transport in renal microvillus membrane vesicles. Verkman AS, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F650-5

Calcium transport and inner mitochondrial membrane damage in renal cortical mitochondria. Weinberg JM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F876-89

Na+ transport by brush border membrane from rat kidney. Bernier M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):562-8

Specific receptors for atrial natriuretic polypeptide on basolateral membranes isolated from rat renal cortex. Hori R, et al. **Biochem Biophys Res Commun** 1985 Jun 28; 129(3):773-9

Possible role of calcium mediators in parathyroid hormone action on phosphate transport in rabbit renal brush border membrane. Yanagawa N, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):278-84

Kinetic studies of D-glucose transport in renal brush-border membrane vesicles of streptozotocin-induced diabetic rats. Blank ME, et al. **Biochim Biophys Acta** 1985 Mar 21; 844(3):314-9

Evidence for the presence of an ATP transport system in brush-border membrane vesicles isolated from the kidney cortex. Elgavish A, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):595-9

Effects of fasting compared to low phosphorus diet on the kinetics of phosphate transport by renal brush-border membranes. Kempson SA. **Biochim Biophys Acta** 1985 Apr 26;815(1):85-90

Proton-coupled transport of glycylglycine in rabbit renal brush-border membrane vesicles. Takuwa N, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):186-90

Paradoxical effects of pyrazinoate and nicotinate on urate transport in dog renal microvillus membranes. Guggino SE, et al. **J Clin Invest** 1985 Aug;76(2):543-7

Thyroid hormones increase Na+-H+ exchange activity in renal brush border membranes. Kinsella J, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3606-10

Mitochondrial bicarbonate carrier: a site of regulation of renal substrate metabolism by acid-base changes. Simpson DP. **Trans Assoc Am Physicians** 1983;96:218-24

Quantitative ultrastructure of human proximal tubules and cortical interstitium in chronic renal disease (hydronephrosis). Møller JC, et al. **Virchows Arch [A]** 1985; 406(4):389-406

[Morphological changes of the renal cortex in hydronephrosis after release of obstruction] Yokoyama M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1989-92 (Eng. Abstr.) **(Jpn)**

KIDNEY CORTEX NECROSIS

CHEMICALLY INDUCED

Recovery of cortical phospholipidosis and necrosis after acute gentamicin loading in rats. Giuliano RA, et al. **Kidney Int** 1984 Dec;26(6):838-47

[Decrease of sisomicin nephrotoxicity as affected by cephalothin: pharmacokinetic evaluation] Gagaeva EV, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):190-6 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Are there specific echographic signs of cortical necrosis of a grafted kidney?] Meyblum J, et al. **J Radiol** 1984 Oct; 65(10):653-5 (Eng. Abstr.) **(Fre)**

ETIOLOGY

An animal model of haemolytic--uraemic syndrome in shigellosis: lipopolysaccharides of Shigella dysenteriae I and S. flexneri produce leucocyte-mediated renal cortical necrosis in rabbits. Butler T, et al. **Br J Exp Pathol** 1985 Feb;66(1):7-15

Unilateral renal cortical necrosis. Blute ML, et al. **Br J Urol** 1985 Apr;57(2):243-4

PATHOLOGY

[Clinicopathological studies of renal cortical necrosis--with special reference to its pathogenesis] Fukusato T. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1461-78 (Eng. Abstr.) **(Jpn)**

[A case of an adult hemolytic uremic syndrome with typical bilateral renal cortical necrosis found at autopsy] Taniguchi S, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1364-8 **(Jpn)**

[Glomerular diseases associated with disseminated intravascular coagulation] Shimamura K. **Nippon Rinsho** 1984 Jun;42(6):1452-8 **(Jpn)**

[Characteristics of destructive-regenerative processes in the kidneys of albino rats in conditions of necronephrosis caused by corrosive sublimate] Andreev VP. **Biull Eksp Biol Med** 1985 Mar;99(3):370-3 (Eng. Abstr.) **(Rus)**

THERAPY

[A case report of a recovery from acute cortical necrosis] Doukita S, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):244-51 (Eng. Abstr.) **(Jpn)**

KIDNEY, CYSTIC

COMPLICATIONS

Rupture of a calcified renal cyst following blunt abdominal trauma. Redmond PL, et al. **Br J Radiol** 1985 Jul; 58(691):683-4

[Cystic dysplasia of the kidney with contralateral renal agenesis and associated genital malformations] Carles D, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):283-7 (Eng. Abstr.) **(Fre)**

[Co-existence of renal cyst and tumor: report of two cases and a review of the literature] Kamada H, et al. **Hinyokika Kiyo** 1985 Jan;31(1):141-6 (Eng. Abstr.) **(Jpn)**

[Report of a patient with liver angioma, tubular adenoma and a kidney cyst] Buljevac M, et al. **Vojnosanit Pregl** 1985 May-Jun;42(3):223-5 **(Scr)**

[Renal cyst and carcinoma] Martinez-Sagarra Oceja JM, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):173-6 (Eng. Abstr.) **(Spa)**

CONGENITAL

Neonatal hypertension from a unilateral multicystic dysplastic kidney. Chen YH, et al. **J Urol** 1985 Apr; 133(4):664-5

Interventricular fibroma and cystic renal dysplasia in a newborn. Schwartz J, et al. **Pediatr Pathol** 1984;2(2):187-95

[Rare association of cystic dysplasia of the kidney and pancreas with congenital hepatic fibrosis] Luzi P, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):175-83 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Cystic diseases of the kidney in children. Anand SK, et al. **Adv Pediatr** 1984;31:371-404

The significance of septations in a renal cyst. Rosenberg ER, et al. **AJR** 1985 Mar;144(3):593-5

Cystic disease of the kidney. Greene LF. **GP** 1968 Jan; 37(1):78-91 (0 ref.)

Ultrasonographically indeterminate renal parapelvic masses. Dorne H, et al. **J Can Assoc Radiol** 1984 Sep;35(3):283-6

Antenatal diagnosis of ipsilateral multicystic kidney in identical twins. Filion R, et al. **J Ultrasound Med** 1985 Apr;4(4):211-2

Multicystic renal dysplasia masquerading as ureteropelvic junction obstruction. Wood BP, et al. **J Urol** 1984 Nov; 132(5):972-4

Intrathoracic kidney with a simple cyst in its upper pole diagnosed by ultrasound. Morcos SK. **JCU** 1985 Feb; 13(2):127-9

Echo-free renal masses on ultrasound: the stethoscope as an adjunct to their diagnosis. Suarez R, et al. **Postgrad Med J** 1985 Apr;61(714):363-4

Simple renal cysts in infants. Steinhardt GF, et al. **Radiology** 1985 May;155(2):349-50

[Hydatid cyst of the kidney] Wilmus JP, et al. **Acta Urol Belg** 1984;52(4):513-23 (Eng. Abstr.) **(Fre)**

[Multilocular cyst of the kidney. Characteristics of the imaging appearance] Renouard O, et al. **J Radiol** 1985 Feb; 66(2):121-4 (Eng. Abstr.) **(Fre)**

[Cancer of a renal cyst wall] Bliemeister H, et al. **Z Urol Nephrol** 1985 Jun;78(6):289-91 (Eng. Abstr.) **(Ger)**

[Importance of ultrasonography in the differential diagnosis of various renal diseases] Romano M, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):301-5 (Eng. Abstr.) **(Ita)**

[A case of renal cell carcinoma simulating renal simple cyst] Harasawa A, et al. **Rinsho Hoshasen** 1985 Feb;30(2):311-3 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

A pararenal pseudocyst of unusual aetiology. Worrell J. **Br J Urol** 1985 Apr;57(2):239-40

Acquired cystic disease of the kidneys in chronic hemodialyzed and renal transplant patients. Minar E, et al. **Eur Urol** 1984;10(4):245-8

Acquired cystic disease of kidney: metastatic renal adenocarcinoma and hypercalcaemia [letter] Thomson BJ, et al. **Lancet** 1985 Aug 31;2(8453):502-3

In vivo evidence for acquired kidney cystic disease during the haemodialytic treatment. Bellinghieri G, et al. **Life Support Syst** 1984 Oct-Dec;2(4):297-9

Sex differences in acquired cystic disease of the kidney on long-term dialysis. Ishikawa I, et al. **Nephron** 1985; 39(4):336-40

[Cystic form of kidney cancer. Apropos of a case] Richaud C, et al. **J Urol (Paris)** 1984;90(2):135-8 (Eng. Abstr.) **(Fre)**

[Simple cysts of the kidney and aging] Kohrai F, et al. **Rinsho Hoshasen** 1985 Mar;30(3):385-9 (Eng. Abstr.) **(Jpn)**

[Caliceal diverticulum and simple renal cyst. Developmental aspects of the same entity?] Castejón Casado J, et al. **An Esp Pediatr** 1984 Nov 30;21(8):765-8 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

A firstborn child with multiple anomalies. Zorn E. **Hosp Pract [Off]** 1984 Oct;19(10):119, 122

Cystic kidneys. Genetics, pathologic anatomy, clinical picture, and prenatal diagnosis. Zerres K, et al. **Hum Genet** 1984;68(2):104-35

PATHOLOGY

Glomerulocystic kidney disease. Report of an adult case. Dosa S, et al. **Am J Clin Pathol** 1984 Nov;82(5):619-21

Multilocular cyst of the kidney: a case report. Eisenkraft S, et al. **J Surg Oncol** 1984 Sep;27(1):45-7

Reversible changes of tubular cell and basement membrane in drug-induced renal cystic disease. Kanwar YS, et al. **Kidney Int** 1984 Jul;26(1):35-43

Renal retinal dysplasia with diffuse glomerular cysts. Kobayashi Y, et al. **Nephron** 1985;39(3):201-5

Tubulointerstitial renal diseases of children: pathologic features and pathogenetic mechanisms in Fanconi's familial nephronophthisis, antitubular basement membrane antibody disease, and medullary cyst disease. Helczynski L, et al. **Pediatr Pathol** 1984;2(1):1-24

Renal leiomyoma with extensive cystic degeneration. Takezaki T, et al. **Urology** 1985 Apr;25(4):401-3

[A case of multilocular renal cyst showing neoplastic features] Morizumi H, et al. **Gan No Rinsho** 1985 Jul; 31(8):1005-11 (Eng. Abstr.) **(Jpn)**

[A case of the coexistence of renal cysts and renal cell carcinoma associated with direct invasion of the liver (stage IV)] Yamasaki Y, et al. **Hinyokika Kiyo** 1984 Jun; 30(6):817-28 (Eng. Abstr.) **(Jpn)**

[Solid clear-cell adenoma in a simple kidney cyst] Romanenko AM, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr; (2):61-2 **(Rus)**

RADIOGRAPHY

Contrast medium pooling in cystic renal carcinoma: CT findings. Coleman BG, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1208-10

High-density renal cysts in autosomal dominant polycystic kidney disease demonstrated by CT. Levine E, et al. **Radiology** 1985 Feb;154(2):477-82

Spontaneous disappearance and successive reappearance of renal cyst. Musiani U, et al. **Urology** 1984 Oct;24(4):366-7

[Interventional radiologic procedures in bilateral masses of the renal parenchyma] Mansfeld L, et al. **Radiol Diagn (Berl)** 1984;25(6):677-87 (Eng. Abstr.) **(Ger)**

[Computed tomography for the diagnosis of a renal mass] Takai K, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1769-76 (Eng. Abstr.) **(Jpn)**

[Detectability of renal cysts by intravenous urography. Comparison with computed tomography] Honda H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jun 25; 44(6):791-5 (Eng. Abstr.) **(Jpn)**

[Diagnosis of non-neoplastic abdominal tumors in children] Pietroń K, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:309-13 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

[Clinical evaluation of dynamic renoscintigraphy using 99mTc-DTPA in practical urology. I. Diagnosis of ureteral calculi, cystic kidney and hydronephrosis] Washida H, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1029-38 (Eng. Abstr.) **(Jpn)**

SURGERY

Percutaneous aspiration and drainage of an infected renal cyst. Morris AD, et al. **Br J Urol** 1984 Apr;56(2):227-8

Surgical management of benign renal cysts causing obstruction of renal pelvis. Amar AD, et al. **Urology** 1984 Nov;24(5):429-33

[Cystic kidney diseases and kidney tumors] Bürgler W, et al. **Helv Chir Acta** 1984 Oct;51(3-4):417-20 (Eng. Abstr.) **(Ger)**

[Percutaneous surgery of kidney cysts] Eickenberg HU. **Urologe [Ausg A]** 1984 Nov;23(6):298-301 (Eng. Abstr.) **(Ger)**

[Percutaneous nephrocentesis of fluid-containing masses under echotomographic control] Buffa G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):39-42 (Eng. Abstr.) **(Ita)**

KIDNEY DISEASES

Hypertension and the kidney. Proceedings of a symposium. New York, New York, March 30-31, 1984. **Am J Kidney Dis** 1985 Apr;5(4):A1-143

Summary report: National Institutes of Health conference on monoclonal antibodies in renal research. Couser WG, et al. **Am J Kidney Dis** 1985 Jul;6(1):7-17

Assessment and treatment of renal disease in pregnancy. Robertson EG. **Clin Obstet Gynecol** 1985 Jun;28(2):279-87

Anesthesia for the patient with renal dysfunction. Müller MC. **Int Anesthesiol Clin** 1984 Spring;22(1):169-87 (112 ref.)

Abstracts. 1st National Congress of the Italian Society of Pediatric Nephrology. May 14-15, 1985, Naples, Italy. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):153-72

Abstracts: XVIII annual meeting of the European Society for Pediatric Nephrology. Dubrovnik, Yugoslavia, September 17-20, 1984. **Int J Pediatr Nephrol** 1984 Jun; 5(2):105-41

Clinical studies on primary glomerular disease. Hatano M. **Jpn J Med** 1984 Aug;23(3):264-7 (14 ref.)

Abstracts: Italian Society of Nephrology. Abano Terme, Italy, May 30-June 2, 1984. **Kidney Int** 1985 Jan; 27(1):93-374

Abstracts: fifteenth congress of the South African Renal Society, Pretoria, South Africa, March 7-9, 1984. **Kidney Int** 1984 Dec;26(6):895-901

Renal aspergillosis--case report. Salgia P, et al. **Nephron** 1985;40(3):376-8

Renal disease in pregnancy. Gabert HA, et al. **Obstet Gynecol Surv** 1985 Jul;40(7):449-61 (64 ref.)

[Current problems in pediatric nephrology] Janda J. **Cesk Pediatr** 1985 Aug;40(8):433-5 (Eng. Abstr.) **(Cze)**

[Seminar on pediatric nephrology. INSERM. Hôpital des Enfants-Malades 26-27 March, 1984, Paris] **J Urol (Paris)** 1985;91(2):99-128 **(Fre)**

[The 14th regional meeting of east and west of Japan, Japanese Society of Nephrology. 11-12 May 1984, Niigata and 17-18 May 1984, Osaka. Abstracts] **Nippon Jinzo Gakkai Shi** 1984 Dec;26(12):1575-724 **(Jpn)**

[11th National Congress of Pediatric Nephrology. Santander, 20-23 June 1984. Abstracts] **An Esp Pediatr** 1985 Mar 15; 22(3):181-204 **(Spa)**

[10th National Congress of Pediatric Nephrology. Tenerife, 17-19 May 1983. Abstracts] **An Esp Pediatr** 1984 Jul; 21(1):25-59 **(Spa)**

BLOOD

Plasma total prekallikrein/kallikrein activity in rheumatoid arthritis with and without amyloidosis. Increased kaolin-stimulated activity in patients with amyloidosis. Teppo AM, et al. **Acta Med Scand** 1985;217(4):397-402

Spurious hypochloremia and renal insufficiency [letter] Schiff MJ, et al. **Ann Intern Med** 1985 Mar;102(3):420-1

Relationship between platelet aggregation and plasma beta-thromboglobulin levels in arterio-vascular and renal diseases. Kubisz P, et al. **Atherosclerosis** 1985 Jun; 55(3):363-8

ATP, ADP and AMP in plasma from peripheral venous blood. Harkness RA, et al. **Clin Chim Acta** 1984 Nov 15; 143(2):91-8

Plasma oxalate concentration and oxalate distribution volume in patients with normal and decreased renal function. Prenen JA, et al. **Eur J Clin Invest** 1985 Feb;15(1):45-9

Pharmacokinetic effects of altered plasma protein binding of drugs in renal disease. Keller F, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep;9(3):275-82

Estimation of glomerular filtration rate from beta 2-microglobulin serum levels in children. Van Acker KJ, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):59-62

Sympathetic activity, plasma renin activity (PRA) and kininogen levels in patients haemodialysed with acetate and bicarbonate. Ksiażek A, et al. **Int Urol Nephrol** 1984; 16(4):337-44

Studies of renin activation and regulation of aldosterone and 18-hydroxycorticosterone biosynthesis in hyporeninemic hypoaldosteronism. Sowers JR, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):60-7

Plasma renin activity in patients with nephropathies. Kuska J, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):100-4

False low antithrombin III results in renal disease. Fisher AH. **Med Lab Sci** 1985 Jan;42(1):44-7

Determination of carbamylated plasma protein and its clinical application to renal failure. Oimomi M, et al. **Nephron** 1985; 40(4):405-6

[Serum levels of pancreatic polypeptide in normal subjects and in patients with pancreatic and renal disease] Fan SL. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):615-8 (Eng. Abstr.) **(Chi)**

[Determination of zinc, copper, magnesium and iron in renal diseases and their clinical significance] Zhu JM. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):749-51, 791 (Eng. Abstr.) **(Chi)**

[Transcortin concentrations in the plasma of normal persons and patients with kidney and liver diseases] Frey BM, et al. **Klin Wochenschr** 1984 Oct 1;62(19):936-8 (Eng. Abstr.) **(Ger)**

[Structural changes in erythrocyte membranes in nephropathy] Panasenko OM, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):434-7 (Eng. Abstr.) **(Rus)**

[Basal gastrin content of the blood in kidney diseases] Ryss ES, et al. **Klin Med (Mosk)** 1985 Jan;63(1):95-9 (Eng. Abstr.) **(Rus)**

[Fluorescent antibodies in the diagnosis of hemorrhagic fever with a renal syndrome] Baranov BA, et al. **Sov Med** 1984; (12):106-9 **(Rus)**

CHEMICALLY INDUCED

Comparative genotoxicity and nephrotoxicity studies of the two halogenated flame retardants tris(1,3-dichloro-2-propyl)phosphate and tris(2,3-dibromopropyl)phosphate. Søderlund EJ, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):20-9

Clinicopathologic spectrum of drug nephrotoxicity. Maher JF. **Adv Intern Med** 1984;30:295-316 (90 ref.)

Adverse effects of beta-adrenoceptor antagonists on the kidney. Waller DG, et al. **Adverse Drug React Acute Poisoning Rev** 1985 Spring; 4(1):1-21 (164 ref.)

Nephrotoxicity of antifungal agents. Yang DJ, et al. **Adverse Drug React Acute Poisoning Rev** 1985 Spring; 4(1):37-47 (39 ref.)

Nephrotoxicity of nonsteroidal anti-inflammatory drugs [letter] Hagler L. **Am Fam Physician** 1984 Nov;30(5):27-30

Cisplatin nephrotoxicity. Correlation with plasma platinum concentrations. Kelsen DP, et al. **Am J Clin Oncol** 1985 Feb;8(1):77-80

Consequences of candidemia for pediatric patients. Turner RB, et al. **Am J Dis Child** 1985 Feb;139(2):178-80

Hypersensitivity phenomena and the kidney: role of drugs and environmental agents. Adler SG, et al. **Am J Kidney Dis** 1985 Feb;5(2):75-96 (114 ref.)

Posttransplant risks of cyclosporine: Nephrotoxicity. Luke RG, et al. **Am J Kidney Dis** 1985 Jun;5(6):342-3

Nifedipine-induced renal dysfunction. Alterations in renal hemodynamics. Diamond JR, et al. **Am J Med** 1984 Nov; 77(5):905-9

Cyclosporine and prostaglandins [letter] Adu D, et al. **Ann Intern Med** 1985 Aug;103(2):303

Aminoglycoside nephrotoxicity and age [letter] Cummings DR. **Ann Intern Med** 1985 Feb;102(2):275

Cyclosporine: renal effects and prostacyclin [letter] Duarte R. **Ann Intern Med** 1985 Mar;102(3):420

Comparative cost effectiveness of gentamicin and tobramycin. Holloway JJ, et al. **Ann Intern Med** 1984 Dec; 101(6):764-9

Non-steroidal anti-inflammatory drugs and adverse renal effects [letter] Pal B, et al. **Ann Rheum Dis** 1985 Mar; 44(3):212-3

Relationship between rat renal accumulation of gentamicin, tobramycin, and netilmicin and their nephrotoxicities. Brier ME, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):812-6

Attenuation of experimental tobramycin nephrotoxicity by ticarcillin. English J, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):897-902

Prospective randomized double-blind comparison of nephrotoxicity and auditory toxicity of tobramycin and netilmicin. Gatell JM, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):766-9

Failure of chelation therapy in lead nephropathy. Germain MJ, et al. **Arch Intern Med** 1984 Dec;144(12):2419-20

Renal dysfunction from nonsteroidal anti-inflammatory drugs. Reeves WB, et al. **Arch Intern Med** 1984 Oct; 144(10):1943-4

Chelation therapy in lead nephropathy questioned [letter] Sawyer HJ. **Arch Intern Med** 1985 Oct;145(10):1927

Clinical assessment of the renal toxicity of antirheumatic drugs. Cinotti GA. **Arch Toxicol [Suppl]** 1984;7:338-49

Prostatic cancer and chronic respiratory and renal disease in British cadmium workers: a case control study. Armstrong BG, et al. **Br J Ind Med** 1985 Aug;42(8):540-5

Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine (Fansidar). Selby CD, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):113-4

Adverse effects of NSAIDs [letter] Rooney PJ, et al. **Can Med Assoc J** 1985 Mar 15;132(6):617

Renal complications of mitomycin C therapy with special reference to the total dose. Valavaara R, et al. **Cancer** 1985 Jan 1;55(1):47-50

Nephrotoxicity of lomustine. A case report and literature review. Ellis ME, et al. **Cancer Chemother Pharmacol** 1985; 15(2):174-5

Gold nephropathy and renal amyloidosis in a patient with rheumatoid arthritis. Chevallard M, et al. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):167-71

Consensus development summaries. Analgesic-associated kidney disease. National Institutes of Health. **Conn Med** 1984 Aug;48(8):517-20

Role of prostaglandins in drug nephrotoxicity. Hornych A. **Contrib Nephrol** 1984;42:220-32 (50 ref.)

Nephrotoxicities of antineoplastic and immunosuppressive agents. Raymond JR. **Curr Probl Cancer** 1984 Oct; 8(16):1-32

Adulterants in heroin/cocaine: implications concerning heroin-associated nephropathy. Cunningham EE, et al. **Drug Alcohol Depend** 1984 Sep;14(1):19-22

Cisplatin nephrotoxicity: a summary of preventative interventions. Finley RS, et al. **Drug Intell Clin Pharm** 1985 May;19(5):362-7 (37 ref.)

Sodium-2-mercaptoethanesulfonate (MESNA) and ifosfamide nephrotoxicity [letter] Hilgard P, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1451-2

The protective effect of nitrendipine on gentamicin acute renal failure in rats. Lee SM, et al. **Exp Mol Pathol** 1985 Aug;43(1):107-14

Nephrotoxic interactions between ketonic solvents and halogenated aliphatic chemicals. Hewitt WR, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):902-8 (27 ref.)

Aminoglycoside-induced functional and biochemical defects in the renal cortex. Kaloyanides GJ. **Fundam Appl Toxicol** 1984 Dec;4(6):930-43

Chronic kidney disease and organic chemical exposures: evaluations of causal relationships in humans and experimental animals. Kluwe WM, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):889-901 (58 ref.)

Comparative nephrotoxicity of hydroxygentamicin and other aminoglycosides in rats. Slighter RG, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):558-67

Nephrotoxic and ototoxic effects of hydroxygentamicin in cats. Slighter RG, et al. **Fundam Appl Toxicol** 1984 Aug; 4(4):568-76

Preventive effect of pretreatment with zinc on cadmium nephrotoxicity in rats--evaluation by changes of urinary enzyme activities. Watanabe Y, et al. **Ind Health** 1985; 23(1):25-36

The nephrotoxicity for mice of deisopropylngaione, a minor furanoid component of toxic myoporaceous essential oils. Lee JS, et al. **J Appl Toxicol** 1985 Feb;5(1):14-22

Correlation of parameters of cadmium exposure with onset of cadmium-induced nephropathy in rats. Goyer RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):89-100

Decrease of valproate-induced hyperammonemia in normal subjects by lipid ingestion. Warter JM, et al. **J Neurol Sci** 1985 Jul;69(3):285-90

Vancomycin/aminoglycoside nephrotoxicity [letter] Dean RP, et al. **J Pediatr** 1985 May;106(5):861-2

Renal function 9 to 17 years after childhood lead poisoning. Moel DI, et al. **J Pediatr** 1985 May;106(5):729-33

Occult lead intoxication in patients with gout and kidney disease. Wright LF, et al. **J Rheumatol** 1984 Aug; 11(4):517-20

Acute diquat intoxication. Interest of its repeated determination in urine and the evaluation of renal proximal tubule integrity. Mahieu P, et al. **J Toxicol Clin Toxicol** 1984;22(4):363-9

Renal dysfunction after arteriography. Mason RA, et al. **JAMA** 1985 Feb 15;253(7):1001-4

Transient glomerular proteinuria, enzymuria, and nephrotoxic reaction induced by radiocontrast media. Nicot GS, et al. **JAMA** 1984 Nov 2;252(17):2432-4

Interstitial fibrosis in renal allografts in patients treated with cyclosporin [letter] Farnsworth A, et al. **Lancet** 1984 Dec 22;2(8417-18):1470-1

Side-effects of benoxaprofen [letter] Inman WH, et al. **Lancet** 1984 Dec 8;2(8415):1336

Nephrotoxicity of pentavalent antimonials [letter] Jolliffe DS. **Lancet** 1985 Mar 9;1(8428):584

Interstitial fibrosis in renal allografts after 12 to 46 months of cyclosporin treatment: beneficial effect of low doses in early post-transplantation period. Klintmalm G, et al. **Lancet** 1984 Oct 27;2(8409):950-4

Differentiation between allograft rejection and cyclosporin nephrotoxicity in renal-transplant recipients. Taube DH, et al. **Lancet** 1985 Jul 27;2(8448):171-4

Pentamidine and renal toxicity [letter] Stehr-Green JK, et al. **N Engl J Med** 1985 Sep 12;313(11):694-5

Analgesic-associated kidney disease. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1984;5(2):6 p.

Attenuation of cisplatinum-induced nephrotoxicity in the rat by high salt diet, furosemide and acetazolamide. Heidemann HT, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):201-5

Effect of amiloride on experimental gentamicin nephrotoxicity. Purnell J, et al. **Nephron** 1985;40(2):166-70

Reno-cerebral oxalosis induced by xylitol. Ludwig B, et al. **Neuroradiology** 1984;26(6):517-21

Neonatal methylmercury poisoning in the rat: effects on development of peripheral sympathetic nervous system. Neuronal participation in methylmercury-induced cardiac and renal overgrowth. Bartolome J, et al. **Neurotoxicology (Park Forest II)** 1984 Winter;5(4):45-54

Drug-induced nephropathies. Antonovych TT. **Pathol Annu** 1984;19 Pt 2:165-96 (115 ref.)

Renal lesions in drug addicts. Stachura I. **Pathol Annu** 1985; 20 Pt 2:83-99 (58 ref.)

Analgesic-associated nephropathy. Unappreciated cause of renal dysfunction. Pulliam JP, et al. **Postgrad Med** 1985 Apr;77(5):183-5, 190-2

Morbidity of patients with analgesic-associated nephropathy and end-stage renal failure. Schwarz A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:311-6

Effects of lead on the renal response to extracellular volume expansion. Powers WJ Jr, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):367-72

A prospective study of lithium-induced nephropathy: preliminary results. Amsterdam JD, et al. **Psychopharmacol Bull** 1985;21(1):81-4

Dose-response relationships in ketone-induced potentiation of chloroform hepato- and nephrotoxicity. Brown EM, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):437-53

Dose-response studies of gentamicin nephrotoxicity in rats with experimental renal dysfunction. I. Subtotal surgical nephrectomy. Carver MP, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):251-63

Cadmium-induced hepatic and renal injury in chronically exposed rats: likely role of hepatic cadmium-metallothionein in nephrotoxicity. Dudley RE, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):414-26

Acetaminophen nephrotoxicity in the rat: quantitation of renal metabolic activation in vivo. Newton JF, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):39-46

Acute nephrotoxicity of N-phenyl and N-(monochlorophenyl) succinimides in Fischer 344 and Sprague-Dawley rats. Rankin GO, et al. **Toxicology** 1985 Mar 29;34(4):299-308

Gentamicin nephrotoxicity in cadmium, lead and mercury pretreated rats. Viau C, et al. **Toxicology** 1983 May; 27(1):15-25

Structure-nephrotoxicity relationships for para-substituted N-phenylsuccinimides in Sprague-Dawley and Fischer 344 rats. Yang DJ, et al. **Toxicology** 1985 Jul;36(1):23-35

Ochratoxin A-induced porcine nephropathy: enzyme and ultrastructure changes after short-term exposure. Elling F, et al. **Toxicon** 1985;23(2):247-54

Proceedings of an International Symposium on Cyclosporine-Associated Renal Injury. March 11-13, 1985, San Juan, Puerto Rico. **Transplant Proc** 1985 Aug;17(4 Suppl 1):1-309

Cyclosporine nephrotoxicity and the consequences of conversion to azathioprine. Chapman JR, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):254-60

The case against conversion to azathioprine in cyclosporine-treated renal recipients. Flechner SM, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):276-81

Biochemical mechanisms of nephrotoxicity. Hook JB, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):41-50 (71 ref.)

Nephrotoxicity of cyclosporine in liver transplantation. Iwatsuki S, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):191-5

Clinical summation. An algorithm for the management of patients with cyclosporine-induced renal dysfunction. Kahan BD. **Transplant Proc** 1985 Aug;17(4 Suppl 1):303-8

Cyclosporine nephrotoxicity: exploration of the risk factors and prognosis of the renal injury. Keown PA, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):247-53

Cyclosporine-induced chronic nephropathy in human recipients of cardiac allografts. Moran M, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):185-90

Cyclosporine-induced nephrotoxicity in patients with autoimmune uveitis. Palestine AG, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):209-14

Management and prevention of cyclosporine nephrotoxicity after renal transplantation: use of low doses of cyclosporine, azathioprine, and prednisone. Simmons RL, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):266-75

Cyclosporine nephrotoxicity: studies in laboratory animals. Sullivan BA, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):145-54 (65 ref.)

Is cyclosporine A-induced nephrotoxicity in recipients of renal allografts progressive? Thiel G, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):169-78

Issues in the pathophysiology of nephrotoxic renal tubular cell injury pertinent to understanding cyclosporine nephrotoxicity. Weinberg JM. **Transplant Proc** 1985 Aug; 17(4 Suppl 1):81-90 (90 ref.)

Cyclosporine: toxicity, metabolism, and drug interactions--implications from animal studies. Whiting PH, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):134-44 (44 ref.)

[Analgesic nephropathies in Czechoslovakia (1977-1981)] Vitko S, et al. **Cas Lek Cesk** 1985 Mar 15;124(11):330-4 (Eng. Abstr.) **(Cze)**

[Analgesic nephropathy. II. Analgesic nephropathy and analgesic syndrome, diagnosis and treatment] Vitko S, et al. **Cas Lek Cesk** 1984 Aug 31;123(35):1079-82 **(Cze)**

[Analgesic nephropathy. I. Incidence, etiology, pathophysiology and the pathologico-anatomic picture] Vitko S, et al. **Cas Lek Cesk** 1984 Aug 31;123(35):1073-8 (Eng. Abstr.) **(Cze)**

[Massive oxalosis of the kidney in association with anesthesia using methoxyflurane] Marek J, et al. **Cesk Patol** 1984 Aug; 20(3):188-91 (Eng. Abstr.) **(Cze)**

[Pneumopathies caused by hypersensitivity to amiodarone and associated nephropathies. Study by alveolar lavage] Caubarrère I, et al. **Ann Med Interne (Paris)** 1985; 136(4):311-5 (Eng. Abstr.) **(Fre)**

[Apropos of the nephrotoxicity of antitumoral drug therapy (letter)] Cordonnier D, et al. **Presse Med** 1985 Jan 12; 14(1):51 **(Fre)**

[Pneumo-renal syndrome with thrombotic microangiopathy after treatment with mitomycin (letter)] Larregain Fournier D, et al. **Presse Med** 1985 Apr 13;14(15):842 **(Fre)**

[Nephrotoxicity of aminoglycosides and cephalosporins. Value of examining the isoenzyme profile of N-acetyl-beta-D-glucosaminidase] Dupond JL, et al. **Rev Med Interne** 1984 Nov;5(4):321-7 (Eng. Abstr.) **(Fre)**

[Non-steroidal antirheumatic agents and nephrotoxicity] Wegmüller E. **Dtsch Med Wochenschr** 1985 Mar 22; 110(12):469-72 **(Ger)**

[Focal-segmental glomerulosclerosis in analgesic nephropathy] Bürgin M, et al. **Schweiz Med Wochenschr** 1984 Aug 18;114(33):1118-23 (Eng. Abstr.) **(Ger)**

[Kidney tubular injury in the use of sodium aurothiomalate and its detection by determination of urinary beta-2-microglobulin] Ulreich A, et al. **Wien Klin Wochenschr [Suppl]** 1984;156:56-7 **(Ger)**

[Experimental nephrotoxicity after repeated administration of adriamycin. Histological study with the optical and electron microscope] Pazzi A, et al. **Farmaco [Prat]** 1985 Jan;40(1):33-6 (Eng. Abstr.) **(Ita)**

[A case of nephropathy clearly due to cadmium] Trevisan A, et al. **Med Lav** 1984 Jul-Aug;75(4):322-7 (Eng. Abstr.) **(Ita)**

[Drug-induced glomerular diseases] Sato M, et al. **Nippon Rinsho** 1984 Jun;42(6):1446-51 **(Jpn)**

[Cisplatin and ovarian carcinoma--early detection of cisplatin-induced nephrotoxicity] Kobayashi H. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):888-96 (Eng. Abstr.) **(Jpn)**

[Elevation of urinary trehalase in cadmium injected rabbits] Nishimura N, et al. **Sangyo Igaku** 1984 Sep;26(5):438-9 **(Jpn)**

[Chronic renal dysfunction in workers exposed to cadmium oxide fume. Medical examinations of welders using cadmium containing silver solder] Toda K, et al. **Sangyo Igaku** 1984 May;26(3):212-23 (Eng. Abstr.) **(Jpn)**

[Drug-induced nephritis] Androsova SO, et al. **Klin Med (Mosk)** 1985 Jun;63(6):52-8 **(Rus)**

[Analgesic nephropathy] Zal'kaln IaP. **Klin Med (Mosk)** 1984 Sep;62(9):141-4 **(Rus)**

[Nephrologic complications caused by lead poisoning] Rodriguez Jornet A, et al. **Med Clin (Barc)** 1984 Jun 23; 83(4):164-6 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Cystic disease of the kidney in newborns [letter] Bernstein J, et al. **Hum Pathol** 1985 Sep;16(9):965-6

COMPLICATIONS

Phosphate-restricted diets versus calcitonin in the prevention of osteodystrophy in experimental renal disease. D'Angelo A, et al. **Adv Exp Med Biol** 1984;178:233-40

Nonoliguric acute renal failure. Dixon BS, et al. **Am J Kidney Dis** 1985 Aug;6(2):71-80 (83 ref.)

Temporal arteritis and renal disease. Case report and review of the literature. Truong L, et al. **Am J Med** 1985 Jan; 78(1):171-5 (32 ref.)

Apparent prevalence of curable hypertension in the Hypertension Detection and Follow-up Program. Lewin A, et al. **Arch Intern Med** 1985 Mar;145(3):424-7

'Page kidney'. Hypertension caused by chronic subcapsular hematoma. Sterns RH, et al. **Arch Intern Med** 1985 Jan; 145(1):169-71

Renal malakoplakia and systemic lupus erythematosus [letter] Varga J. **Arthritis Rheum** 1985 Feb;28(2):237

Pharmacokinetics and dosage reduction of cis-diammine(1,1-cyclobutanedicarboxylato)platinum in patients with impaired renal function. Egorin MJ, et al. **Cancer Res** 1984 Nov;44(11):5432-8

Asymptomatic low molecular weight proteinuria: a report on 5 cases. Suzuki Y, et al. **Clin Nephrol** 1985 May; 23(5):249-54

Is renal involvement a prognostic parameter in patients with infective endocarditis? Nonnast-Daniel B, et al. **Eur Heart J** 1984 Oct;5 Suppl C:93-6

Renal function impairment induced by change in posture in patients with cirrhosis and ascites. Bernardi M, et al. **Gut** 1985 Jun;26(6):629-35

Chelation in metal intoxication. XV: Influence of dimercaptopropane sulphonate (DMPS) on lead poisoned rats with normal or damaged kidneys. Flora SS, et al. **Ind Health** 1985;23(1):17-24

Nephropathy associated with Charcot-Marie-Tooth disease. Hara M, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):99-102

Renal candidiasis in infancy--a case with fungus ball obstruction. Prat O, et al. **Int J Pediatr Nephrol** 1984 Dec; 5(4):223-6

Labetolol in patients with hypertension and varying degrees of renal impairment. Breen EG, et al. **Ir J Med Sci** 1984 Oct;153(10):336-42

Cutaneous angiomas in POEMS syndrome. Puig L, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):961-4

On the mechanism of secondary hyperparathyroidism in moderate renal insufficiency. Llach F, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):601-6

Marked hypotonic polyuria resulting from nephrogenic diabetes insipidus with partial sensitivity to vasopressin. Moses AM, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1044-9

Postmenopausal osteoporosis as a manifestation of renal hypercalciuria with secondary hyperparathyroidism. Sakhaee K, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):368-73

Antigenic difference between viral strains causing classical and mild types of epidemic hemorrhagic fever with renal syndrome in China. Song G, et al. **J Infect Dis** 1984 Dec; 150(6):889-94

Hemagglutination-inhibiting antibody in hemorrhagic fever with renal syndrome. Tsai TF, et al. **J Infect Dis** 1984 Dec;150(6):895-8

Pyocystis, pyonephrosis and perinephric abscess in end stage renal disease. Lees JA, et al. **J Urol** 1985 Oct;134(4):716-9

Light-chain nephropathy [clinical conference] Fang LS. **Kidney Int** 1985 Mar;27(3):582-92 (79 ref.)

Atheroembolic renal disease causes hypocomplementaemia. Cosio FG, et al. **Lancet** 1985 Jul 20;2(8447):118-21

Simultaneous finding of diabetic glomerulosclerosis and macroscopic PAN-type necrotising vasculitis in the same patient [letter] Fort J. **Nephron** 1985;39(3):283-4

Membranous nephropathy in a patient with ankylosing spondylitis and rheumatoid arthritis [letter] Serrano Comino M, et al. **Nephron** 1985;40(2):255-6

Uremic hypoglycemia. A preventable life-threatening complication. Avram MM, et al. **NY State J Med** 1984 Dec;84(12):593-6

Cancer development in patients progressing to dialysis and renal transplantation. Sheil AG, et al. **Transplant Proc** 1985 Apr;17(2):1685-8

Pharmacokinetics of muzolimine after acute and chronic dosing in hypertensive patients with mild renal insufficiency. Mann J, et al. **Z Kardiol** 1985;74 Suppl 2:77-9

[Analysis of measured results of urinary pepsin and 17-OHCS in chronic gastritis with splenic and renal insufficiency based on Chinese traditional medicine] Qi JS, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):27-9, 3 (Eng. Abstr.) **(Chi)**

[Liver involvement in extrahepatic infection] Ebbehøj N, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):175-6 (Eng. Abstr.) **(Dan)**

[Spontaneous perirenal urinary extravasation with uroperitoneum (letter)] Lebhar E, et al. **Presse Med** 1985 Jan 26;14(3):160 **(Fre)**

[Consumption hypocomplementemia. Significance in human pathology] Ayed K, et al. **Tunis Med** 1983 Mar-Apr; 61(2):89-91 (Eng. Abstr.) **(Fre)**

[Bacampicillin in urinary tract infections tolerance in patients with impaired kidney and liver function] Tauchnitz C, et al. **Immun Infekt** 1984 Nov;12(6):303-8 (Eng. Abstr.) **(Ger)**

[Massive skeletal fluorosis in compromised kidney function] Schmidt CW, et al. **Z Urol Nephrol** 1985 Mar;78(3):173-6 (Eng. Abstr.) **(Ger)**

[Distal renal tubular acidosis with hyperkalemia due to obstructive uropathy] Korman S, et al. **Harefuah** 1984 Aug; 107(3-4):62-4 (Eng. Abstr.) **(Heb)**

[Clinical study of coagulopathy in renal failure. 1. Vitamin K-deficient hemorrhage] Kijima Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):986-94 **(Jpn)**

[Nephrotic syndrome in epidemic nephropathy] Hunderi OH. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1816-7 (Eng. Abstr.) **(Nor)**

[Hypertensive syndrome in kidney diseases] Tareeva IE, et al. **Klin Med (Mosk)** 1985 Apr;63(4):6-12 (27 ref.) **(Rus)**

[State of the nervous system in kidney diseases] Korchemnyi VA, et al. **Vrach Delo** 1985 Mar;(3):71–3 (Eng. Abstr.) **(Rus)**

[Gout and nephropathy] Vukotić D. **Med Pregl** 1984; 37(3–4):149–51 (Eng. Abstr.) **(Scr)**

[Clinical manifestations of gout with renal colic] Vukotić D, et al. **Med Pregl** 1984;37(7–8):303–6 (Eng. Abstr.) **(Scr)**

[Organ-type lithiasis. II. Acquired urologic pathology associated with lithiasis] Castiñeiras J, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):19–38 (Eng. Abstr.) **(Spa)**

CONGENITAL

Cerebro-hepato-renal (Zellweger) syndrome, adrenoleukodystrophy, and Refsum's disease: plasma changes and skin fibroblast phytanic acid oxidase. Poulos A, et al. **Hum Genet** 1985;70(2):172–7

Fetal cerebrohepatorenal (Zellweger) syndrome: dysmorphic, radiologic, biochemical, and pathologic findings in four affected fetuses. Powers JM, et al. **Hum Pathol** 1985 Jun;16(6):610–20

Intrauterine twin demise and oligomeganephronia. Weir MR, et al. **Nephron** 1985;40(4):482–4

Unsuccessful attempts to induce peroxisomes in two cases of Zellweger disease by treatment with clofibrate. Björkhem I, et al. **Pediatr Res** 1985 Jun;19(6):590–3

[Ultrasound diagnosis in congenital as well as inflammatory nonobstructive diseases of the kidney in childhood] von Rohden L, et al. **Padiatr Grenzgeb** 1984;23(6):377–89 (Eng. Abstr.) **(Ger)**

[Organ-type lithiasis. I. Congenital urologic pathology associated with lithiasis] Castiñeiras J, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):1–18 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Magnetic resonance imaging of renal abscess in an experimental animal model. Hamlin DJ, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May–Jun;26(3):315–9

Magnetic resonance imaging of the kidneys. Leung AW, et al. **AJR** 1984 Dec;143(6):1215–27

Renal colic: emergency evaluation and management. Abber JC, et al. **Am J Emerg Med** 1985 Jan;3(1):56–63 (27 ref.)

Short-term protein loading in assessment of patients with renal disease. Bosch JP, et al. **Am J Med** 1984 Nov; 77(5):873–9

Antenatal diagnosis of renal anomalies with ultrasound. III. Bilateral renal agenesis. Romero R, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):38–43

Ultrasonography and computed axial tomography in the detection and monitoring of renal hematomas following ultrasonically guided percutaneous renal biopsy. Gebel M, et al. **Ann Radiol (Paris)** 1985;28(1):25–7

Hypouricemia due to renal tubular defect. A study with the probenecid-pyrazinamide test. Smetana SS, et al. **Arch Intern Med** 1985 Jul;145(7):1200–3

Adenosine deaminase binding protein, a new diagnostic marker for kidney disease. Thompson RE, et al. **Clin Chem** 1985 May;31(5):679–83

Critical evaluation of the diagnostic use of urinary enzymes. Dubach UC, et al. **Contrib Nephrol** 1984;42:74–80 (26 ref.)

Determination of total and divided clearance without blood sampling and not using a whole-body counter or gamma camera. Kyuldjiev A, et al. **Eur J Nucl Med** 1985; 10(1–2):1–4

Renal abscess: report of a case with sonographic, urographic and CT evaluation. Weigert F, et al. **Eur J Radiol** 1985 Aug;5(3):224–5

Spontaneous production of a pyeloduodenal fistula. Kiss T, et al. **Int Urol Nephrol** 1984;16(3):195–8

Echinococcosis of the kidney. Kottász S, et al. **Int Urol Nephrol** 1984;16(3):199–209

An evaluation of the effectiveness of CT vs. other imaging modalities in the diagnosis of atypical renal masses. Curry NS, et al. **Invest Radiol** 1984 Sep–Oct;19(5):447–54

Real-time sonographic diagnosis of a carcinoma in a renal cyst. Dery R, et al. **J Can Assoc Radiol** 1984 Dec; 35(4):392–4

Study of renal function in the different stages of schistosomal hepatic fibrosis. Mahmoud BL, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):583–91

Sarcoidosis presenting with pseudotumor cerebri and the nephrotic syndrome. Phanthumchinda K, et al. **J Med Assoc Thai** 1984 Dec;67(12):694–700

Transient acute tubular disease in a newborn and a young infant: sonographic findings. Filiatrault D, et al. **J Ultrasound Med** 1985 May;4(5):257–8

Minimal fetal renal pyelectasis. Hoddick WK, et al. **J Ultrasound Med** 1985 Feb;4(2):85–9

Renal fungus balls: diagnosis by ultrasound and percutaneous antegrade pyelography and brush biopsy in a premature infant. Schmitt GH, et al. **J Ultrasound Med** 1985 Mar; 4(3):155–6

Renal ultrasound in POEMS syndrome. Arenson AM, et al. **JCU** 1985 Mar–Apr;13(3):208–9

Value of ultrasonography in investigating morbidity due to Schistosoma haematobium infection. Degremont A, et al. **Lancet** 1985 Mar 23;1(8430):662–5

Prenatal detection of Zellweger syndrome [letter] Schutgens RB, et al. **Lancet** 1984 Dec 8;2(8415):1339–40

The renal and perirenal abscess: the role of ultrasound and computed tomography in its diagnosis, localization and treatment. van Det RJ, et al. **Neth J Surg** 1984 Oct; 36(5):137–42

Integrated imaging of neonatal renal masses. Kirks DR, et al. **Pediatr Radiol** 1985;15(3):147–56

Isolated renal mucormycosis. Flood HD, et al. **Postgrad Med J** 1985 Feb;61(712):175–6

Non-invasive assessment of the kidney. What do nuclear medicine, ultrasonography, digital vascular imaging, computed tomography and magnetic resonance contribute to diagnosis in nephrology? van Ypersele de Strihou C. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:771–90 (121 ref.)

Can ultrasound and computed tomography replace high-dose urography in patients with impaired renal function? Webb JA, et al. **Q J Med** 1984 Summer;53(211):411–25

Magnetic resonance imaging of the kidney. LiPuma JP. **Radiol Clin North Am** 1984 Dec;22(4):925–41

Renal ultrasound in acquired immune deficiency syndrome. Schaffer RM, et al. **Radiology** 1984 Nov;153(2):511–3

Twenty-eight year old Caucasian female with left flank pain and renal mass [clinical conference] Ruhe E, et al. **SD J Med** 1984 Dec;37(12):5–10

Magnetic resonance spectroscopy for evaluation of renal function. Weiner MW, et al. **Semin Urol** 1985 Feb; 3(1):34–42 (58 ref.)

Value of ultrasonography, fine needle aspiration, and percutaneous drainage of perinephric abscesses. Elyaderani MK, et al. **South Med J** 1985 Jun;78(6):685–9

Urinary, exfoliative cytology in kidney allografts under cyclosporine therapy. Cortesini R, et al. **Transplant Proc** 1984 Oct;16(5):1200–1

Characteristics of early routine renal allograft biopsies. Burdick JF, et al. **Transplantation** 1984 Dec;38(6):679–84

The diagnostic and prognostic value of renal allograft biopsy. Parfrey PS, et al. **Transplantation** 1984 Dec;38(6):586–90

The use of fine-needle intrarenal manometry in the management of renal transplant patients receiving cyclosporine. Salaman JR, et al. **Transplantation** 1985 May; 39(5):523–6

Duplex Doppler examination in renal disease: evaluation of vascular involvement. Rifkin MD, et al. **Ultrasound Med Biol** 1985 Mar–Apr;11(2):341–6

Intraoperative consultation for the kidney. Zabbo A, et al. **Urol Clin North Am** 1985 Aug;12(3):405–10

Usefulness of fiberoptic pyeloureteroscope in the diagnosis of the upper urinary tract lesions. Aso Y, et al. **Urol Int** 1984;39(6):355–7

Renal hydatid disease: report of 9 cases and discussion of urologic diagnostic procedures. Aragona F, et al. **Urol Radiol** 1984;6(3–4):182–6

Ultrasound detection of focal bacterial nephritis (lobar nephronia) and its evolution into a renal abscess. McCoy RI, et al. **Urol Radiol** 1985;7(2):109–11

[New diagnostic procedures in nephrology] Schück O. **Vnitr Lek** 1985 Apr;31(4):365–70 (Eng. Abstr.) **(Cze)**

[Massive spontaneous hemorrhage from renal cysts] Nobaek S, et al. **Ugeskr Laeger** 1984 May 21;146(21):1570 (Eng. Abstr.) **(Dan)**

[Ultrasonography of the transplanted kidney] Laasonen L, et al. **Duodecim** 1985;101(10):986–93 **(Fin)**

[Generalized amyloidosis with predominant renal involvement in Moroccan children. Apropos of 17 cases] Balafrej A, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):307–13 (Eng. Abstr.) **(Fre)**

[Unilateral neonatal enlarged kidney. Echotomographic approach to diagnosis. Update] Hammou A, et al. **Ann Radiol (Paris)** 1985;28(1):56–60 (Eng. Abstr.) **(Fre)**

[Bilateral neonatal nephromegaly: value of echography] Sebag A, et al. **Ann Radiol (Paris)** 1984 Nov;27(7):580–8 (Eng. Abstr.) **(Fre)**

[X-ray computed tomography and echography in the diagnosis of subcapsular hematoma of the kidney] Renouard O, et al. **J Radiol** 1984 Oct;65(10):645–51 (Eng. Abstr.) **(Fre)**

[NMR imaging of the kidney] te Strake L, et al. **J Radiol** 1984 Oct;65(10):631–5 (Eng. Abstr.) **(Fre)**

[Renal amyloidosis disclosing Waldenström's macroglobulinemia (letter)] Meyer C, et al. **Presse Med** 1984 Sep 29;13(33):2020–1 **(Fre)**

[Nephropathy and pregnancy] Wauters JP. **Rev Med Suisse Romande** 1984 Aug;104(8):583–7 (11 ref.) **(Fre)**

[Nephromegaly in children: a problem of size] Robitaille P, et al. **Union Med Can** 1985 Apr;114(4):272–8 (Eng. Abstr.) **(Fre)**

[Immunodiagnosis of kidney tubular cell injuries using specific anti-membrane antibodies] Scherberich JE, et al. **Immun Infekt** 1984 Oct;12(5):229–37 (Eng. Abstr.) **(Ger)**

[Bioptic diagnosis of kidney diseases] Höfer W. **Pathologe** 1984 Dec;5(6):305–21 **(Ger)**

[A case from general practice (29). Patient V. B., born 28 February 1964, a shoemaker. Echinococcosis] Conzelmann M. **Schweiz Rundsch Med Prax** 1985 Jan 8;74(1–2):19–20 **(Ger)**

[Ultrasound diagnosis of nephrologic and urologic diseases in pediatrics. Report on 1000 patients] Maurer G. **Wien Klin Wochenschr** 1985 Jan 4;97(1):27–39 (Eng. Abstr.) **(Ger)**

[Nuclear magnetic resonance in the morpho-functional study of the kidney] Fortezza P, et al. **Recenti Prog Med** 1985 Apr;76(4):211–5 (Eng. Abstr.) **(Ita)**

[Early detection and differential diagnosis of renal insufficiency following cardiac surgery--diagnostic value of free water clearance and fractional excretion of sodium] Sakakibara Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2060–6 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of renal function study using 99mTc-DTPA--comparative study with 111In-DTPA and 123I-OIH] Honda M, et al. **Radioisotopes** 1984 Jul; 33(7):463–6 **(Jpn)**

[Ultrasonic diagnosis of kidney diseases] Tanahashi Y. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1265–71 **(Jpn)**

[2 coexistent aortic aneurysms with the symptoms of polyradiculitis and renal colic] Klincewicz M, et al. **Wiad Lek** 1984 Sep 15;37(16):1274–7 (Eng. Abstr.) **(Pol)**

[New clinical data on an old disease: renal abscess] Proca E, et al. **Rev Chir [Chir]** 1984 Sep–Oct;33(5):321–30 (Eng. Abstr.) **(Rum)**

[Characteristics of nephropathies in the middle-aged] Romoșan I, et al. **Rev Med Interna [Med Interna]** 1984 Sep–Oct;36(5):457–64 **(Rum)**

[Pathophysiology and diagnosis of the acute hepatorenal syndrome in surgery] Lebedeva RN, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):30–3 (Eng. Abstr.) **(Rus)**

[Urologic diseases in children manifested by symptoms of acute abdomen] Tikhonov IuA, et al. **Klin Khir** 1985; (6):48–9 (Eng. Abstr.) **(Rus)**

[Possibilities of using citon for examining the kidneys] Smirnov VF, et al. **Med Radiol (Mosk)** 1985 May;30(5):61–6 (Eng. Abstr.) **(Rus)**

[Activity criteria and stages in the development of acquired, hereditary and congenital nephropathies in children] Ignatova MS. **Pediatriia** 1985 Apr;(4):48–52 **(Rus)**

[Amyloidosis in sarcoidosis] Mukhin NA, et al. **Ter Arkh** 1984;56(7):115–7 **(Rus)**

[Clinico-morphologic features of nephropathies with a tubulointerstitial component] Nikolaev AIu, et al. **Urol Nefrol (Mosk)** 1985 Jan–Feb;(1):44–50 **(Rus)**

[Neutral alpha glucosidase in human urine as a marker of kidney impairment] Lukomskaia IS, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):74–8 (Eng. Abstr.) **(Rus)**

[Clinical aspects of kidney lesions in gout patients] Siniachenko OV, et al. **Vrach Delo** 1984 Nov;(11):48–52 (Eng. Abstr.) **(Rus)**

[Use of ultrasound in the diagnosis of kidney diseases] Grbić R, et al. **Srp Arh Celok Lek** 1983 Sep–Oct; 111(9–10):1333–42 (Eng. Abstr.) **(Scc)**

[The significance of ultrasonography for diagnosis in clinical nephrology] Kováč A. **Cas Lek Cesk** 1984 Nov 2; 123(44):1333–6 (Eng. Abstr.) **(Slo)**

[Renal malacoplakia diagnosed by urinary cytology] Ballesteros JJ, et al. **Actas Urol Esp** 1985 Mar–Apr; 9(2):179–82 (Eng. Abstr.) **(Spa)**

[Multilocular cyst of kidney: report of a case] Montesino Semper M, et al. **Actas Urol Esp** 1984 Nov–Dec;8(6):483–6 (Eng. Abstr.) **(Spa)**

[Multilocular cyst of the kidney] Malossine G, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):19–24 (Eng. Abstr.) **(Spa)**

[Transurethral ureter-renoscopy. Past, present and future] Pérez-Castro Ellendt E, et al. **Arch Esp Urol** 1984 Dec; 37 Suppl 2:725–40 (Eng. Abstr.) **(Spa)**

DIET THERAPY

Selective effect of low protein diets in chronic renal diseases. El Nahas AM, et al. **Br Med J [Clin Res]** 1984 Nov 17; 289(6455):1337–41

Limited-protein diet: a means of delaying the progression of chronic renal disease? Hirsch DJ. **Can Med Assoc J** 1985 Apr 15;132(8):913–7

Inhibition by restricted-calorie diet of lymphoproliferative disease and renal damage in MRL/lpr mice. Fernandes G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6144–8

The beneficial effect of dietary protein restriction on radiation nephropathy. Yatvin MB, et al. **Strahlentherapie** 1984 Dec;160(12):707–14

DRUG THERAPY

Comparison of a narcotic (oxicone) and a non-narcotic anti-inflammatory analgesic (indoprofen) in the treatment of renal colic. Persson NH, et al. **Acta Chir Scand** 1985; 151(2):105–8

Remission of progressive renal failure in familial Mediterranean fever during colchicine treatment. Herlin T, et al. **Arch Dis Child** 1985 May;60(5):477–9

Acute and chronic effects of sulindac on renal function in chronic renal disease. Swainson CP, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):298–300

Analgesic effect of ceruletide compared with pentazocine in biliary and renal colic: a prospective, controlled, double-blind study. Lishner M, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):433–6

High-dose methylprednisolone sodium succinate (pulse therapy) in the treatment of renal disease: plasma and urine concentrations. Searle M, et al. **Eur J Clin Pharmacol** 1985; 28(3):245–8

Candidacidal activity of myeloperoxidase: therapeutic influence of the enzyme in vivo. Wright CD, et al. **Infect Immun** 1985 Feb;47(2):363–5

Intravenous indoprofen in the management of renal colic.

Torchi B, et al. **Int J Clin Pharmacol Res** 1983;3(3):167-73

Conservative approach in treating acute renal carbuncle. Kaver I, et al. **Isr J Med Sci** 1985 Feb;21(2):157-62

A double-blind comparison of dezocine and morphine in patients with acute renal and ureteral colic. Warren MM, et al. **J Urol** 1985 Sep;134(3):457-9

Mechanism of action of indomethacin in tubular defects. Usberti M, et al. **Pediatrics** 1985 Mar;75(3):501-7

Inhibition of thromboxane synthesis ameliorates the progressive kidney disease of rats with subtotal renal ablation. Purkerson ML, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):193-7

Chelation in metal intoxication. XIV. Comparative effect of thiol and amino chelators on lead-poisoned rats with normal or damaged kidneys. Tandon SK, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):204-10

Cyclosporine, azathioprine, and prednisone as treatment for cyclosporine-induced nephrotoxicity in renal transplant recipients. Lorber MI, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):282-5

[Treatment of renal colic with ketoprofen. Apropos of 39 episodes in 37 patients] Ryckelynck JP, et al. **LARC Med** 1984 Aug-Sep;4(7):453-4 **(Fre)**

[Nonsteroidal anti-inflammatory agents in pediatrics (2)] Louis JJ. **Pediatrie** 1984 Jun;39(4):295-313 (178 ref.) **(Fre)**

[Can colchicine cure renal amylosis in periodic disease? (letter)] Lagrue G, et al. **Presse Med** 1984 Nov 10; 13(40):2458 **(Fre)**

[The curative effect of colchicine in renal amyloidosis cannot currently be held to have been proven (letter)] Méry JP. **Presse Med** 1984 Nov 3;13(39):2393 **(Fre)**

[Treatment of renal colic with intravenous ketoprofen] Pourrat JP, et al. **Presse Med** 1984 Oct 6;13(35):2125-8 (Eng. Abstr.) **(Fre)**

[Antibiotic therapy in patients with renal insufficiency] Luckhaupt H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):318-9 (Eng. Abstr.) **(Ger)**

[Experimental renal infection with Aspergillus fumigatus in mice: a chemotherapeutic model of an organic mycosis] Ackerbauer H, et al. **Mykosen** 1985 May;28(5):244-50 (Eng. Abstr.) **(Ger)**

[Use of cefoxitin in urology] Tizzani A, et al. **Minerva Urol Nefrol** 1984 Apr-Jun;36(2):139-43 (Eng. Abstr.) **(Ita)**

[Effect of litonit and teturam on the course of biochemical processes in infectious inflammatory lesions of the kidneys in alcoholized animals] Kostev FI. **Biull Eksp Biol Med** 1985 Jun;99(6):661-3 (Eng. Abstr.) **(Rus)**

[Treatment of kidney diseases with massive doses of methylprednisolone] Kal'tianis PA. **Pediatriia** 1985 Jun; (6):69-72 (59 ref.) **(Rus)**

ECONOMICS

Choice of potentially nephrotoxic antibiotics [letter] Sgalia AC. **Ann Intern Med** 1985 Jul;103(1):162

Cost effectiveness of gentamicin and tobramycin [letter] Singer F. **Ann Intern Med** 1985 Jun;102(6):867-8

ENZYMOLOGY

Serum and urinary arginine-esterase activity in paediatric kidney diseases. Turi S, et al. **Acta Paediatr Hung** 1984; 25(4):399-407

Diamine oxidase content in urine of patients with renal failure. Giarnieri D, et al. **Agents Actions** 1985 Apr; 16(3-4):249-51

Enzyme histochemistry in plastic-embedded sections of normal and diseased kidneys. Alpers CE, et al. **Am J Clin Pathol** 1985 May;83(5):605-12

Activity of peroxisomal enzymes and intracellular distribution of catalase in Zellweger syndrome. Wanders RJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1054-61

Multiple forms of alanine aminopeptidase, alkaline phosphatase and gamma-glutamyltransferase in urine of healthy persons, patients suffering from kidney diseases and patients with kidney transplants. Jung K, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):523-5

Changes in enzyme activities in urine in children with renal diseases. Straus B, et al. **Z Med Lab Diagn** 1985; 26(3):138-45

[Urinary N-acetyl-beta-D-glucosaminidase (NAG) isoenzyme activity in various renal diseases] Soejima A, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1140-8 **(Jpn)**

ETIOLOGY

Vesicoureteral reflux and reflux nephropathy. Thomsen HS. **Acta Radiol [Diagn] (Stockh)** 1985 Jan-Feb;26(1):3-13 (106 ref.)

Primary renal candidiasis [letter] Kohr RM. **Am J Dis Child** 1985 May;139(5):443-4

Clinical and immunological follow-up of patients with severe renal disease in Wegener's granulomatosis. ten Berge IJ, et al. **Am J Nephrol** 1985;5(1):21-9

The many faces of vesico-ureteric reflux: factors contributing to renal damage. Fowler R. **Aust NZ J Surg** 1984 Oct; 54(5):417-29 (52 ref.)

Renal infarction as a cause of a calcified renal mass. Hicks CE, et al. **Br J Radiol** 1984 Sep;57(682):840-2

Malakoplakia in a renal allograft. Barker TH. **Br J Urol** 1984 Oct;56(5):549-50

Urinary tract infection in children [editorial] Arneil GC. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1925-6

Development of new renal scars: a collaborative study. Smellie JM, et al. **Br Med J [Clin Res]** 1985 Jun 29; 290(6486):1957-60

Urinary prostaglandins in sickle cell nephropathy: a defect in 9-ketoreductase activity? [letter] de Jong PE, et al. **Clin Nephrol** 1984 Oct;22(4):212-3

Recurrent diffuse pulmonary hemorrhage with minor kidney lesions. Ekholdt PF, et al. **Eur J Respir Dis** 1985 May; 66(5):353-9

Parathyroid hormone concentration in the serum of people with cadmium-induced renal damage. Nogawa K, et al. **Int Arch Occup Environ Health** 1984;54(3):187-93

Unilateral radiation nephropathy--the long-term significance. Kim TH, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2053-9

Renal colic, a presenting symptom of pelviureteric varices. Ali Khan S, et al. **Int Urol Nephrol** 1985;17(1):11-4

Renal complications of polyarteritis nodosa: CT findings. Hekali P, et al. **J Comput Assist Tomogr** 1985 Mar-Apr; 9(2):333-8

Spectrum of renal abnormalities in acquired immune-deficiency syndrome. Vaziri ND, et al. **J Natl Med Assoc** 1985 May;77(5):369-75

Renal extravasation of urine due to bladder outflow obstruction. Buckley N, et al. **J Urol** 1984 Dec; 132(6):1161-2

Nephro-duodenal fistula: a complication of percutaneous nephrolithotomy. Culkin DJ, et al. **J Urol** 1985 Sep; 134(3):528-30

Acute renal failure due to perirenal hematoma complicating open renal biopsy. Greenberg A. **J Urol** 1984 Nov; 132(5):969-71

Candida pyocalix: unusual complication of prolonged nephrostomy drainage. Sonda LP, et al. **J Urol** 1985 Oct; 134(4):722-4

Renal failure after angiography [letter] **JAMA** 1985 Jul 12; 254(2):233-4

Sickle cell nephropathy: new insights into its pathophysiology. de Jong PE, et al. **Kidney Int** 1985 May; 27(5):711-7 (66 ref.)

Transplant glomerulopathy: evolution of morphologically distinct changes. Maryniak RK, et al. **Kidney Int** 1985 May; 27(5):799-806

The mycotoxicological chain and contamination of food by ochratoxin A in the nephropathic and non-nephropathic areas in Yugoslavia. Pepeljnjak S, et al. **Mycopathologia** 1985 Jun;90(3):147-53

Spontaneous hemorrhage of the kidney. Walker RJ, et al. **Nephron** 1985;40(1):118-9

Iatrogenic renal disease. Sturgill BC, et al. **Pathol Annu** 1985; 20 Pt 1:247-79 (97 ref.)

The renal lesion of congenital hepatic fibrosis: pathologic and morphometric analysis, with comparison to the renal lesion of infantile polycystic disease. Helczynski L, et al. **Pediatr Pathol** 1984;2(4):441-55

Renal manifestations of Kawasaki's disease. Nardi PM, et al. **Pediatr Radiol** 1985;15(2):116-8

Renal amyloidosis and non-specific aorto-arteritis--a hitherto undescribed association. Dash SC, et al. **Postgrad Med J** 1984 Sep;60(707):626-8

Diabetes mellitus: the predominant cause of bilateral renal enlargement. Segel MC, et al. **Radiology** 1984 Nov; 153(2):341-2

Pregnancy associated with exstrophy of the bladder and obstructive renal failure. Smythe AR 2d. **South Med J** 1984 Sep;77(9):1196-9

Acute lymphedema in a renal allograft--an unusual cause of early postoperative transplant dysfunction. Waltzer WC, et al. **Transplant Proc** 1985 Apr;17(2):1755-7

Bullet colic. Levine RS, et al. **Urol Radiol** 1985;7(1):16-8

Spontaneous fistula formation in renal pelvis of transplanted kidney. Villavicencio H, et al. **Urology** 1985 Mar; 25(3):300-1

The upper renal tracts in adolescents and young adults with myelomeningocele. Rickwood AM, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:104-6

[Mycoplasma as the causative agent of kidney infections] Angelova I, et al. **Vutr Boles** 1985;24(1):69-71 (Eng. Abstr.) **(Bul)**

[Renal impairment in ureteral stone obstruction] Wang WC. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):33-6, 63 (Eng. Abstr.) **(Chi)**

[Hematuria resulting from secondary amyloidosis of the bladder] Tofte T, et al. **Ugeskr Laeger** 1984 Oct 29; 146(44):3377 (Eng. Abstr.) **(Dan)**

[Cirrhosis and IgA nephropathy. An unusual clinical presentation and review of the literature] Van Gossum M, et al. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):484-9 (Eng. Abstr.) **(Fre)**

[Scleroderma and pregnancy. New case and review of the literature] Challan-Belval P, et al. **Ann Med Interne (Paris)** 1984;135(6):435-9 (Eng. Abstr.) **(Fre)**

[Renal involvement in scleroderma] Richet G, et al. **Ann Med Interne (Paris)** 1984;135(8):594-600 (Eng. Abstr.) **(Fre)**

[Right ovarian vein syndrome] Arvis G. **Ann Urol (Paris)** 1985;19(1):65-6 (Eng. Abstr.) **(Fre)**

[Traumatic disinsertion of the diaphragm and thoracic hernia of the right kidney] Testas P. **Chirurgie** 1983;109(9):768-71 (Eng. Abstr.) **(Fre)**

[Pure hypertensive nephropathy associated with malignant arterial hypertension in disseminated lupus erythematosus. Case with a favorable outcome] Jouquan J, et al. **J Mal Vasc** 1985;10(1):47-50 (Eng. Abstr.) **(Fre)**

[Renal dysfunction in acute hypercalcemia. Apropos of 40 cases] Benoit O, et al. **LARC Med** 1984 Nov;4(9):558-64 **(Fre)**

[Glomerulopathies associated with parasitoses] Goldman M, et al. **Nephrologie** 1985;6(2):49-51 (28 ref.) (Eng. Abstr.) **(Fre)**

[Renal disorders in the newborn infant] Guignard JP. **Pediatr Med Chir** 1984 Jan-Feb;6(1):45-50 (Eng. Abstr.) **(Fre)**

[Isolated renal aspergillosis in a leukemic boy] Lutz P, et al. **Pediatrie** 1984 Dec;39(8):669-73 (Eng. Abstr.) **(Fre)**

[Renal amylosis with prolonged course and psoriatic rheumatism] Pattin S, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):259-62 **(Fre)**

[Renal amylosis and juvenile rheumatoid polyarthritis. Value of chlorambucil (letter)] Sukenik S, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):290-1 **(Fre)**

[The kidney and ankylosing spondylarthritis] Wendling D, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):271-5 (53 ref.) **(Fre)**

[Does inappropriate ingestion of proteins damage the kidneys?] Schultze G, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):810-4 (75 ref.) **(Ger)**

[Extreme kidney displacement caused by an adrenal pseudocyst] Tragl KH, et al. **Urologe [Ausg A]** 1985 Mar; 24(2):114-7 (Eng. Abstr.) **(Ger)**

[Hepatorenal syndrome. Clinical and pathogenetic aspects and therapeutic approach] Marmo R, et al. **Clin Ter** 1984 Dec 15;111(5):443-9 (50 ref.) (Eng. Abstr.) **(Ita)**

[Spontaneous rupture of the renal pelvis secondary to an obstruction of the ureter caused by a calculus] Buizza C, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):357-61 (Eng. Abstr.) **(Ita)**

[Renal course in the hypertensive patient] Zucchelli P, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):31-6 **(Ita)**

[Multiple splenic and renal abscesses in Candida albicans infection. Diagnostic contribution of computerized tomography and echotomography used before and during intervention] Guastalla PP, et al. **Radiol Med (Torino)** 1984 Sep;70(9):627-8 **(Ita)**

[Clinical experience with a syndrome of renal failure, growth retardation and renoureteral dysmorphism] Miyabe N, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):646-53 (Eng. Abstr.) **(Jpn)**

[Multiple organ failure in postinfarction ventricular septal perforation--with special reference to kidney failure] Nishida H, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):593-602 (Eng. Abstr.) **(Jpn)**

[The cardiovascular system and the kidneys in pheochromocytoma] Potapova GN. **Kardiologiia** 1984 Jul; 24(7):118-23 (70 ref.) **(Rus)**

[Drug allergy and the development of nephropathies in children] Lagutina LE, et al. **Pediatriia** 1985 Apr;(4):41 **(Rus)**

[Achievements and problems in nephrology] Borisov IA, et al. **Ter Arkh** 1984;56(7):3-10 **(Rus)**

[The immune system and nephropathies] Vasil'eva EV, et al. **Ter Arkh** 1984;56(7):126-34 (73 ref.) **(Rus)**

[Pathogenesis of spontaneous ruptures of renal allografts] Rozental' RL, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec; (6):50-3 (Eng. Abstr.) **(Rus)**

[Morphologic changes in the kidneys in experimental cholino-protein deficiency] Trushina EN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):44-51 (Eng. Abstr.) **(Rus)**

[Paraneoplastic amyloidosis of the kidneys and adrenal glands in a patient with a kidney tumor] Demina TG. **Vrach Delo** 1985 Feb;(2):48-9 **(Rus)**

[Nephrologic complications in patients with multiple myeloma] Kes P. **Lijec Vjesn** 1984 Nov-Dec; 106(11-12):476-81 (Eng. Abstr.) **(Scr)**

[Reno-ileal fistula as a complication of xanthogranulomatous pyelonephritis] Ramírez Ruiz F, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):169-72 (Eng. Abstr.) **(Spa)**

[Schoenlein-Henoch nephropathy in childhood. Clinical and histologic study of 31 cases] Camacho Díaz JA, et al. **An Esp Pediatr** 1985 Jan;22(1):12-8 (Eng. Abstr.) **(Spa)**

[Urinary fistulas in a series of 100 consecutive renal transplantations] Tallada M, et al. **Arch Esp Urol** 1984 Dec; 37 Suppl 1:583-92 (Eng. Abstr.) **(Spa)**

[Reno-cutaneous-duodenal fistula] Saiz Carrero A, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):281-4 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Familial juvenile nephronophthisis, Jeune's syndrome, and associated disorders. Donaldson MD, et al. **Arch Dis Child** 1985 May;60(5):426-34

Hereditary renal disease and preauricular pits: report of a kindred. Lachiewicz AM, et al. **J Pediatr** 1985 Jun; 106(6):948-50

Hereditary renal hypouricemia in children. Takeda E, et al. **J Pediatr** 1985 Jul;107(1):71-4

Familial nephropathic amyloidosis associated with indomethacin responsive fever. Feest TG, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;

21:683-5

[Coexistence of constitutional hyperbilirubinemia and familial hypouricemia of renal origin in a Quebec family] Gattereau A, et al. **Union Med Can** 1985 Mar;114(3):227-9 (Eng. Abstr.) **(Fre)**

[Clinical course of familial hyperuricemic lesions of the kidneys] Balkarov IM, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):116-9 **(Rus)**

[Predisposition to the development of nephropathies, their clinical course and HLA phenotype] Ignatova MS, et al. **Ter Arkh** 1984;56(7):24-8 (Eng. Abstr.) **(Rus)**

HISTORY

[Closed total cystectomy in renal hydatidosis for my fellow urologists of future generations] Ipiéns Lacasa P. **Actas Urol Esp** 1985;Spec No:19-24 **(Spa)**

IMMUNOLOGY

Immunologic mechanisms of renal disease. Adler S, et al. **Am J Med Sci** 1985 Feb;289(2):55-60 (20 ref.)

Defective autologous mixed lymphocyte reactions in patients with renal insufficiency--evidence for cellular and serum factors. Frymoyer PA, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):189-96

Hidden IgA subclass determinants in human renal disease. Melvin TR, et al. **Kidney Int** 1985 Apr;27(4):685-9

Modulation of Ia and leukocyte common antigen expression in rat glomeruli during the course of glomerulonephritis and aminonucleoside nephrosis. Schreiner GF, et al. **Lab Invest** 1984 Nov;51(5):524-33

Reactivity of lymphocyte cytotoxic autoantibodies from renal patients with cell line K562. Deierhoi MH, et al. **Transplantation** 1984 Nov;38(5):557-8

[Disorders in the autoimmune reactivity to erythrocytic, thrombocytic and lymphocytic antigens and the T-lymphocyte subpopulations regulating immunobiological equilibrium in lupus nephropathy patients] Stefanova G, et al. **Vutr Boles** 1984;23(5):48-53 **(Bul)**

[HLA and rheumatoid purpura with or without nephropathy] Freycon MT, et al. **Pediatrie** 1984 Oct-Dec;39(7):525-32 (Eng. Abstr.) **(Fre)**

[Immunological and clinical studies on the detection of immune reactivity in childhood with special reference to selected disease groups. 3. Immunologic studies in patients with kidney diseases] Eggers G, et al. **Padiatr Grenzgeb** 1985;24(4):283-8 (Eng. Abstr.) **(Ger)**

[Immunoelectron microscopy in renal diseases] **Nippon Jinzo Gakkai Shi** 1984 Jul;26(7):951-61 **(Jpn)**

[A study on biological activity of immune complexes deposited in the glomeruli in various renal diseases of children] Uenoyama F. **Nippon Jinzo Gakkai Shi** 1984 Aug; 26(8):1143-54 (Eng. Abstr.) **(Jpn)**

[Study of chemotaxis in patients with amyloidosis by the 'skin window' method] Roganova OV, et al. **Ter Arkh** 1984; 56(7):37-40 (Eng. Abstr.) **(Rus)**

[Leukocyte migration inhibition in nephropathies] Savitskii SN, et al. **Ter Arkh** 1984;56(7):31-3 (Eng. Abstr.) **(Rus)**

[Detection of circulating immune complexes by immunoenzyme assay with solid phase Clq] Mezzano S, et al. **Rev Med Chil** 1984 Jun;112(6):547-52 (Eng. Abstr.) **(Spa)**

METABOLISM

Bile acid abnormalities and the diagnosis of cerebro-hepato-renal syndrome (Zellweger syndrome). Eyssen H, et al. **Acta Paediatr Scand** 1985 Jul;74(4):539-44

Sodium-losing nephropathy and nephrocalcinosis after transplantation. Ferguson RK, et al. **Am J Kidney Dis** 1985 Mar;5(3):206-10

Mechanisms of posttransplant hypertension. Luke RG, et al. **Am J Kidney Dis** 1985 Apr;5(4):A79-84

Imipenem/cilastatin: pharmacokinetic profile in renal insufficiency. Gibson TP, et al. **Am J Med** 1985 Jun 7; 78(6A):54-61

Pharmacokinetics of ceftriaxone in patients with renal and liver insufficiency and correlations with a physiologic nonlinear protein binding model. Stoeckel K, et al. **Am J Med** 1984 Oct 19;77(4C):26-32

Cefmenoxime pharmacokinetics in healthy volunteers and subjects with renal insufficiency and on hemodialysis. Gambertoglio JG, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):845-9

Pharmacokinetics of cefotiam in patients with impaired renal function and in those undergoing hemodialysis. Konishi K, et al. **Antimicrob Agents Chemother** 1984 Nov; 26(5):647-51

Pharmacokinetics of cefotiam and cefsulodin after simultaneous administration to patients with impaired renal function. Lecaillon JB, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):368-72

Cefmenoxime pharmacokinetics in patients with renal insufficiency. Polk RE, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):322-7

Single dose pharmacokinetics of tiaprofenic acid. Effects of food and severe renal insufficiency. Nilsen OG, et al. **Arzneimittelforschung** 1985;35(5):871-5

Pharmacokinetics of metronidazole in patients with varying degrees of renal failure. Houghton GW, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):203-9

The ex vivo plasma protein binding of theophylline in renal disease. Leopold D, et al. **Br J Clin Pharmacol** 1985 Jun; 19(6):823-5

Nitrendipine kinetics in normal and impaired renal function. Aronoff GR, et al. **Clin Pharmacol Ther** 1985 Aug; 38(2):212-8

Nifedipine: influence of renal function on pharmacokinetic/hemodynamic relationship. Kleinbloesem CH, et al. **Clin Pharmacol Ther** 1985 May;37(5):563-74

Metoclopramide kinetics in patients with impaired renal function and clearance by hemodialysis. Lehmann CR, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):284-9

Human Tamm-Horsfall glycoprotein: urinary and plasma levels in normal subjects and patients with renal disease determined by a fully validated radioimmunoassay. Thornley C, et al. **Clin Sci** 1985 May;68(5):529-35

Temocillin pharmacokinetics in normal and impaired renal function. Höffler D, et al. **Drugs** 1985;29 Suppl 5:135-9

1,25-Dihydroxyvitamin D production after stimulation with synthetic human parathyroid hormone (1-34) in hypoparathyroid and renal tubular disorders. Yasuda T, et al. **Endocrinol Jpn** 1984 Aug;31(4):407-15

Pharmacokinetic study of the new sulfamethopyrazine-trimethoprim combination (kelfiprim) in renal insufficiency. Cantaluppi A, et al. **Eur J Clin Pharmacol** 1984;27(3):345-8

Clinical pharmacological studies with the vasodilator endralazine in patients with renal impairment. Elliott HL, et al. **Eur J Clin Pharmacol** 1984;27(2):159-63

Influence of renal failure on the kinetics of zimeldine and norzimelidine. Ferry N, et al. **Eur J Clin Pharmacol** 1985; 28(4):453-6

Pharmacokinetics of a fixed combination of sotalol and hydrochlorothiazide in hypertensive patients with moderate renal insufficiency. Kher A, et al. **Eur J Clin Pharmacol** 1984;27(3):361-2

Distribution of sodium valproate in normal whole blood and in blood from patients with renal or hepatic disease. Shirkey RJ, et al. **Eur J Clin Pharmacol** 1985;28(4):447-52

Pharmacokinetics of famotidine, a new H2-receptor antagonist, in relation to renal function. Takabatake T, et al. **Eur J Clin Pharmacol** 1985;28(3):327-31

Kinetics of ketamine and its metabolites in rabbits with normal and impaired renal function. Pedraz JL, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar;10(1):33-9

Is the relative 99mTc-DMSA clearance a useful marker of proximal tubular dysfunction? van Luijk WH, et al. **Eur J Nucl Med** 1984;9(10):439-42

Tamm-Horsfall protein: unusual, large perinephric deposits. Walley VM, et al. **Hum Pathol** 1985 May;16(5):525-8

Clinical pharmacokinetics of nimodipine in normal and impaired renal function. Kirch W, et al. **Int J Clin Pharmacol Res** 1984;4(5):381-4

Pharmacokinetic and pharmacodynamic effects of furosemide in patients with impaired renal function. Traeger A, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):481-6

The constant plasma 18-hydroxycorticosterone to aldosterone ratio: an expression of the efficacy of corticosterone methyloxidase type II activity in disorders with variable aldosterone production. Kater CE, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):225-8

Defective peroxisomal cleavage of the C27-steroid side chain in the cerebro-hepato-renal syndrome of Zellweger. Kase BF, et al. **J Clin Invest** 1985 Feb;75(2):427-35

The intrarenal distribution of aztreonam in healthy and diseased kidneys: clinical therapeutic implications. Watson AJ, et al. **J Infect Dis** 1984 Nov;150(5):631-5

Kinetics of drug action in disease states. VII. Effect of experimental renal dysfunction on the pharmacodynamics of ethanol in rats. Hisaoka M, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):717-21

Pharmacokinetics of cefotaxime and probenecid in sheep with normal and reduced renal function. Guerrini VH, et al. **J Vet Pharmacol Ther** 1984 Dec;7(4):283-91

Renal failure and the use of morphine in intensive care. Ball M, et al. **Lancet** 1985 Apr 6;1(8432):784-6

Oxygen uptake in exercising subjects with minimal renal disease. Parrish AE, et al. **Nephron** 1985;40(4):455-7

Value of determination of beta 2-microglobulin in toxic nephropathy and interstitial nephritis. Statius van Eps LW, et al. **Wien Klin Wochenschr** 1984 Sep 28;96(18):673-8 (34 ref.)

[Cefaclor dosage change with renal dysfunction] Usuda Y, et al. **Jpn J Antibiot** 1985 Apr;38(4):1141-6 (Eng. Abstr.) **(Jpn)**

[Glomerular polyanion and beta-glucuronidase--histochemical studies of glomerular diseases] Tsuji M. **Nippon Naika Gakkai Zasshi** 1984 May; 73(5):589-97 **(Jpn)**

[Disorders of pharmacokinetics in pathological states and their clinical significance] Orzechowska-Juzwenko K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1681-6 **(Pol)**

[Specific aldosterone reception by the cytoplasm of the kidney tubule cells in rats with neurogenic dystrophy] Rodionov AA, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):918-22 (Eng. Abstr.) **(Rus)**

[Gastrin and the kidneys] Ryss ES. **Klin Med (Mosk)** 1984 Dec;62(12):14-7 (17 ref.) (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Antigenic differences between two viruses, isolated in Japan and Korea, that cause hemorrhagic fever with renal syndrome. Yamanishi K, et al. **J Virol** 1984 Oct;52(1):231-7

MORTALITY

Children with chronic renal failure in the Federal Republic of Germany: II. Primary renal diseases, age and intervals from early renal failure to renal death. Arbeitsgemeinschaft für Pädiatrische Nephrologie. Pistor K, et al. **Clin Nephrol** 1985 Jun;23(6):278-84

A note on the reduction of a risk of death. Tsai SP, et al. **Soc Biol** 1983 Summer;30(2):228-33

[Analysis of deaths associated with hypertensive disease in the Eastern Bohemia Region from 1968 to 1980] Nováková H, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983; 26(3):189-94 (Eng. Abstr.) **(Cze)**

OCCURRENCE

The pattern of medical renal disease in children in a south Indian hospital. Date A, et al. **Ann Trop Paediatr** 1984 Dec; 4(4):207-11

Haemorrhagic fever with renal syndrome: Hantaan virus infection. **Br Med J [Clin Res]** 1985 May 11; 290(6479):1410-1

PATHOLOGY

Extratubular efflux and nephropathy. Shigematsu H, et al. **Acta Pathol Jpn** 1984 Jul;34(4):715-26

Membranous glomerulonephropathy with crescents in systemic lupus erythematosus. Williams WW, et al. **Am J Nephrol** 1985;5(3):158-62

Morpho-functional status of the kidney after a disturbance of lymph drainage. Sapin MR, et al. **Anat Anz** 1984; 157(5):375-93

Tubular microfibrils in the glomeruli of membranous nephropathy. Olesnicky L, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):902-5

Unusual transformations of renal involvement in systemic lupus erythematosus. Yeung CK, et al. **Aust NZ J Med** 1985 Feb;15(1):69-71

Aspiration biopsy of the kidney. Simultaneous collection of cytologic and histologic specimens. Murphy WM, et al. **Cancer** 1985 Jul 1;56(1):200-5

Renal involvement patterns of amyloid nephropathy: a comparison with diabetic nephropathy. Nakamoto Y, et al. **Clin Nephrol** 1984 Oct;22(4):188-94

Stereopathy of the renal papilla: a stereomicroscopic autopsy study. Abrahams C. **Hum Pathol** 1985 May;16(5):488-91

Cholesteatoma--renal pelvis. A case report. Gupta JC, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):261-2

Renal amyloidosis with ankylosing spondylitis. Gandhi RM, et al. **J Assoc Physicians India** 1984 Dec;32(12):1069-70

Spontaneous perinephric hemorrhage in a 65-year-old man [clinical conference] Cinman AC, et al. **J Urol** 1985 May; 133(5):829-32

Diminished number of renin-containing cells in kidney biopsy samples from hypertensive women immediately postpartum: an immunomorphologic study. Nochy D, et al. **Kidney Int** 1984 Jul;26(1):85-7

Immunotactoid glomerulopathy. Korbet SM, et al. **Medicine (Baltimore)** 1985 Jul;64(4):228-43

Schönlein-Henoch syndrome in adults. Roth DA, et al. **Q J Med** 1985 May;55(217):145-52

Routine fetal genitourinary tract screening. Arger PH, et al. **Radiology** 1985 Aug;156(2):485-9

Morphological patterns in cyclosporine-treated renal transplant recipients. Mihatsch MJ, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):101-16

Histopathology of cyclosporine. Wallace AC. **Transplant Proc** 1985 Aug;17(4 Suppl 1):117-22

Renal amyloidosis in Jordan. Amr SS, et al. **Trop Geogr Med** 1985 Jun;37(2):167-70

Renal biopsy: localization using computed tomography. Whelan TV, et al. **Urol Radiol** 1985;7(2):94-6

Glomerular monocyte infiltration in human nephropathies: prevalence and correlation with clinical and morphological variables. Monga G, et al. **Virchows Arch [A]** 1985; 405(4):483-96

[A case of renal chyluria] Slavov Ch, et al. **Khirurgiia (Sofiia)** 1984;37(4):314-5 **(Bul)**

[Secondary echinococcosis--asymptomatic course of echinococcosis of the left kidney and the 11th and 12th ribs] Tsvetkov M, et al. **Khirurgiia (Sofiia)** 1985;38(1):47-50 **(Bul)**

[Hepatorenal syndrome--clinical analysis of 68 cases and a pathological study of 48 cases] Qiu XN. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):558-60 (Eng. Abstr.) **(Chi)**

[Sonographically guided percutaneous fine needle puncture of space occupying processes of the abdomen and retroperitoneum] Steinmaurer HJ, et al. **Ultraschall Med** 1985 Feb;6(1):26-33 (Eng. Abstr.) **(Ger)**

[Pathohistology of allotransplanted kidneys. A 10-year report from Santiago, Cuba] Nizze H, et al. **Z Urol Nephrol** 1985 Apr;78(4):205-13 (Eng. Abstr.) **(Ger)**

[Glomerular diseases and myeloma and amyloidosis] Kagimoto T, et al. **Nippon Rinsho** 1984 Jun;42(6):1430-4 **(Jpn)**

[Evolutive characteristics in renal hydatidosis] Stoica S, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):739-40 (Eng. Abstr.) **(Rum)**

[Scanning electron microscopy in kidney diseases] Sabó I, et al. **Rev Med Interna [Med Interna]** 1984 Nov-Dec; 36(6):565-9 **(Rum)**

[Morphofunctional condition of kidney after disruption of its lymphatic drainage] Sapin MR, et al. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):68–76 (Eng. Abstr.) **(Rus)**

[A rare case of renal echinococcosis] Nechiporuk VM, et al. **Klin Khir** 1984 Dec;(12):34–5 **(Rus)**

[Structure and functions of biological membranes in kidney diseases] Vel'tishchev IuE, et al. **Sov Med** 1985;(4):51–5 (54 ref.) **(Rus)**

PHYSIOPATHOLOGY

Renal involvement in visceral leishmaniasis. Dutra M, et al. **Am J Kidney Dis** 1985 Jul;6(1):22–7

Hypertension with renal disease. Introduction. Ferris TF. **Am J Kidney Dis** 1985 Apr;5(4):A48–9

Pregnancy in women with renal disease and moderate renal insufficiency. Hou SH, et al. **Am J Med** 1985 Feb; 78(2):185–94

Urate nephropathy. Foley RJ, et al. **Am J Med Sci** 1984 Dec;288(5):208–11 (25 ref.)

Chronic renal disease. Davison JM, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):891–901

Cardiocirculatory function in renal disease. International workshop. Strasbourg, September 19–21, 1983. **Contrib Nephrol** 1984;41:1–459

Plasma catecholamines and cardiovascular response in mild renal failure. Beretta-Piccoli C, et al. **Contrib Nephrol** 1984; 41:74–82

Pyelorenal backflow. Clinical and experimental investigations. Radiologic, nuclear, medical and pathoanatomic studies. Thomsen HS. **Dan Med Bull** 1984 Dec;31(6):438–57 (171 ref.)

Disturbed adrenocortical function in cerebro-hepato-renal syndrome of Zellweger. Govaerts L, et al. **Eur J Pediatr** 1984 Nov;143(1):10–2

Tubular dysfunction in the deeply jaundiced patient with hepatorenal syndrome. Rector WG Jr, et al. **Hepatology** 1985 Mar–Apr;5(2):321–6

Renal disorders and diseases of the newborn. John E. **Indian J Pediatr** 1985 Jan–Feb;52(414):17–42 (46 ref.)

Evaluation of renal function. Priebe HJ. **Int Anesthesiol Clin** 1984 Spring;22(1):121–35

Potassium loss and renal function. Luft FC. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S504–13

Renal hemodynamic abnormalities in patients with short term insulin-dependent diabetes mellitus: role of renal prostaglandins. Esmatjes E, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1231–6

Comparison of long-term renal hemodynamic effects of methyldopa and propranolol in patients with hypertension and renal insufficiency. Lowenstein I, et al. **J Clin Pharmacol** 1984 Oct;24(10):436–45

Differential renal function in unilateral renal injury: possible effects of radiopharmaceutical choice. Taylor A Jr, et al. **J Nucl Med** 1985 Jan;26(1):77–80

Effect of impaired renal function on tamoxifen. Sutherland CM, et al. **J Surg Oncol** 1984 Dec;27(4):222–3

The role of hemodynamic factors in the initiation and progression of renal disease. Anderson S, et al. **J Urol** 1985 Mar;133(3):363–8 (108 ref.)

Tubuloglomerular feedback and interstitial pressure in obstructive nephropathy. Wahlberg J, et al. **Kidney Int** 1984 Sep;26(3):294–301

Separate calculation of glomerular and tubular clearance by means of renal scintigraphy with hippuran and DTPA. Hadj Aissa A, et al. **Nephron** 1985;40(4):401–4

Filtration fraction: an index of renal disease activity in patients with systemic lupus erythematosus. Favre H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:717–21

Anemia, renal insufficiency, and hypercalcemia in a man with hyperthyroidism [clinical conference] Reuler JB, et al. **South Med J** 1985 Jan;78(1):59–63, 68

Renal and cardiovascular response to nonhypotensive sepsis in a large animal model with peritonitis. Richmond JM, et al. **Surgery** 1985 Feb;97(2):205–14

Stability of renal allograft recipients after conversion from cyclosporine to azathioprine. Carpenter CB, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):261–5

Renal dysfunction in animal models of cyclosporine toxicity. Paller MS, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):155–9 (16 ref.)

Renal function in patients with autoimmune diseases treated with cyclosporine. von Graffenried B, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):215–31

Effects of chlorpromazine on ischemic rat kidney: a functional and ultrastructural study. Jayachandran S, et al. **Urology** 1985 Apr;25(4):386–90

[Renal disease and function of the spleen and stomach] Zhang QY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):722–3 (Eng. Abstr.) **(Chi)**

[Hearing status in hematuria of renal origin] Pellant A, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983; 26(3):195–200 (Eng. Abstr.) **(Cze)**

[Urodynamic exploration of the upper urinary tract. III. Recovery of obstructed kidney function] Vela Navarrete R. **Ann Urol (Paris)** 1984 Jun–Jul;18(4):225–30 (38 ref.) (Eng. Abstr.) **(Fre)**

[The kidney and arterial hypertension] Schoeppe W. **Lebensversicherungsmedizin** 1985 May 1;37(3):78–9 (Eng. Abstr.) **(Ger)**

[Pregnancy in women with lupus nephropathy] Spineter-Sokołowska E, et al. **Pol Tyg Lek** 1984 Oct 1–8; 39(40–41):1319–21 (Eng. Abstr.) **(Pol)**

[Diagnosis of the functional reversibility of chronic obstructive nephropathy] Dzhafarova MA, et al. **Urol Nefrol (Mosk)** 1984 Nov–Dec;(6):7–13 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Amelioration of cyclosporin-induced nephrotoxicity in rats by induction of hepatic drug metabolism. Cunningham C, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):573–8

A suggestion on how to use measurements of cadmium in blood as a cumulative dose estimate. Rogenfelt A, et al. **Int Arch Occup Environ Health** 1984;55(1):43–8

Reduction of the lethality and the nephrocalcinotic effect of single fluoride doses by magnesium in rats. Luoma H, et al. **Magnesium** 1984;3(2):81–7

[Myth or reality--prevention in nephrology?] Bonomini V. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4 Suppl):3–5 **(Ita)**

[Efficacy of therapy in the prevention of hypertensive nephropathy] Libretti A, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4 Suppl):37–41 **(Ita)**

[Echotomographic screening for abnormal urinalysis] Konishi N, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb; 27(2):243–7 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Nonsurgical (spontaneous) spleno-renal shunt presenting as an abdominal mass: case report and review of the literature. Knapp AB, et al. **Am J Gastroenterol** 1985 Feb;80(2):103–6

Computed tomography of renal masses. Levine E. **CRC Crit Rev Diagn Imaging** 1985;24(2):91–200 (241 ref.)

Computed tomography findings in thoracic and renal actinomycosis: case report and review of literature. Denton AE 3d. **J Am Osteopath Assoc** 1985 Jan;85(1):57–60

Computer-assisted diuresis renography: a non-invasive method to assess the dilated upper urinary tract. Ariyaprakai W, et al. **J Med Assoc Thai** 1984 Dec; 67(12):654–62

Calcified uriniferous perirenal pseudocyst: a case report. Noiklang P, et al. **J Med Assoc Thai** 1985 May;68(5):273–5

Renal and perirenal infection: the role of computerized tomography. Bova JG, et al. **J Urol** 1985 Mar;133(3):375–8

Echinococcal disease of the kidney presenting as a renal filling defect. Buckley RJ, et al. **J Urol** 1985 Apr; 133(4):660–1

Anterior pararenal-space infection from colon and appendiceal perforation. McCort JJ. **Mt Sinai J Med (NY)** 1984 Jul–Aug;51(4):482–90

Uriniferous pseudocyst: computed tomographic findings. Healy ME, et al. **Radiology** 1984 Dec;153(3):757–62

Echinococcus of the urinary tract: radiologic findings. Hertz M, et al. **Urol Radiol** 1984;6(3–4):175–81

Renal pelvic hematoma in hydronephrotic kidney. Bauab T Jr. **Urology** 1985 May;25(5):547

Metastatic cervical carcinoma masquerading as bilateral renal abscesses. Reznicek SB, et al. **Urology** 1985 Feb;25(2):174–5

Bilateral renal cell carcinoma diagnosed as renal abscesses. Van Poppel H, et al. **Urology** 1985 May;25(5):548–50

[Radiological study of hydatid cysts of the kidney. Apropos of 17 cases] Kadiri R, et al. **Ann Radiol (Paris)** 1984 Nov; 27(7):573–7 (Eng. Abstr.) **(Fre)**

[Developmental aspect of renal suppurations. Apropos of 2 cases] Le Duc A, et al. **Ann Urol (Paris)** 1984 Jun–Jul; 18(4):274–6 (Eng. Abstr.) **(Fre)**

[Serial computed tomography. Value of densitometric measurements in the diagnosis of benign and malignant lesions of the liver, pancreas and kidney] Krahe T, et al. **ROFO** 1985 Jul;143(1):28–35 (Eng. Abstr.) **(Ger)**

[Significance of a nonionic renographic contrast medium (Iopamidol 300) in the roentgen diagnosis of the kidneys and urinary tract in children] Schneider K, et al. **Rontgenblatter** 1984 Oct;37(10):347–52 (Eng. Abstr.) **(Ger)**

[Use of hypo-osmolar contrast media in urography--results of an interindividual, randomized double-blind study] Heep HW, et al. **Rontgenpraxis** 1984 Jun;37(6):209–12 **(Ger)**

[Renal imaging diagnosis by computed tomography] Nishitani H. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25;44(8):1044–61 (Eng. Abstr.) **(Jpn)**

[Perinephric abscess radiologically mimicking dilated and perforated bowel] Hirano N, et al. **Rinsho Hoshasen** 1984 Aug;29(8):913–6 (Eng. Abstr.) **(Jpn)**

[A case of necrotic renal cell carcinoma with abscess formation] Yamada T, et al. **Rinsho Hoshasen** 1985 Apr; 30(4):521–4 (Eng. Abstr.) **(Jpn)**

[Possibilities of emergency excretory urography in the differential diagnosis of acute surgical and urologic diseases in children] Iudin IaB, et al. **Klin Khir** 1985;(6):52–4 (Eng. Abstr.) **(Rus)**

[Significance of intravenous urography in the diagnosis of obstructive uropathies in the newborn infant and child] Panić I, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1159–68 (Eng. Abstr.) **(Scc)**

RADIONUCLIDE IMAGING

Kidney scintigraphy in the diagnostics of urological renal diseases. Gervain M, et al. **Acta Chir Hung** 1985;26(3):171–9

Estimation of glomerular filtration rate in children using 99m-technetium DTPA. A comparison with 51-chromium EDTA clearance. Yap HK, et al. **Acta Paediatr Scand** 1985 Jul;74(4):579–83

The role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappearance of a staghorn calculus. Shortliffe LM. **J Urol** 1985 Jun;133(6):1020–1

Re: Glomerular filtration rate determined in conjunction with routine renal scanning [letter] Blue PW, et al. **Radiology** 1985 Aug;156(2):553

Renal bleeding: scintigraphic detection in a canine model. Goodman K, et al. **Radiology** 1985 Jun;155(3):797–8

Glomerular filtration rate determined in conjunction with routine renal scanning. Jackson JH, et al. **Radiology** 1985 Jan;154(1):203–5

Photopenic defect within transplanted kidney. Sanchez FW, et al. **Semin Nucl Med** 1984 Oct;14(4):342

Isotope renography and urinary schistosomiasis: a study in a Gambian community. Wilkins HA, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):306–13

Radionuclide scintigraphy in cytomegalovirus-related renal allograft dysfunction. Schulak JA, et al. **Transplant Proc** 1985 Apr;17(2):1758–62

Clinical evaluation of 99mTc-DMSA renogram. Van Poppel H, et al. **Urology** 1985 Apr;25(4):413–7

[99mTc aprotinin in the individual study of renal parenchymal morphology and function in pediatric urology] Chiari G, et al. **Minerva Pediatr** 1985 May 15; 37(9):323–5 (Eng. Abstr.) **(Ita)**

[Radionuclide angiography in unilateral nonfocal renal disease] Aburano T, et al. **Kaku Igaku** 1984 Dec; 21(12):1597–603 (Eng. Abstr.) **(Jpn)**

[Diagnostic contribution of nuclear medicine methods in congenital anomalies of the kidney] Sedlak V, et al. **Med Pregl** 1984;37(3–4):121–5 (Eng. Abstr.) **(Scr)**

[Measurement of relative renal function with Tc 99m 2,3-dimercaptosuccinic acid: a useful method in clinical practice] Carreño H, et al. **Actas Urol Esp** 1985 May–Jun; 9(3):209–14 (Eng. Abstr.) **(Spa)**

[Intraparenchymal abscess in a renal graft] Robles Garcia JE, et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):177–8 (Eng. Abstr.) **(Spa)**

SURGERY

Nephrectomy in childhood--a ten-year review. McAnena OJ, et al. **Ir Med J** 1985 May;78(5):121–5

Renal replantation (orthotopic autotransplantation) for echinococcosis of the kidney. Tscholl R, et al. **J Urol** 1985 Mar;133(3):456–7

Patients without kidneys from up to 17 years: bilateral nephrectomy a significant factor in long-term survival, along with lower blood pressure, female gender and younger age. Iancu M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:614–8

Renal carbuncle: comparison between surgical open drainage and closed percutaneous drainage. Fernandez JA, et al. **Urology** 1985 Feb;25(2):142–4

Nephroscopy. Kandzari SJ, et al. **W Va Med J** 1985 Mar; 81(3):53–7

[The Leveen shunt in refractory ascites and hepatorenal syndrome. Review of the literature, 10 years later] Lheureux P, et al. **Acta Gastroenterol Belg** 1984 Sep–Oct; 47(5):476–83 (Eng. Abstr.) **(Fre)**

[Treatment of primary vesicorenal reflux in adults. Apropos of 71 case reports] Regin JP, et al. **Ann Urol (Paris)** 1984 Apr;18(2):125–6 (Eng. Abstr.) **(Fre)**

[Retroperitoneal access by the transthoracic approach] Mégevand R. **Helv Chir Acta** 1984 Oct;51(3–4):457–8 **(Fre)**

[Posterior vertical lumbotomy. Its value in surgery of the kidney] Aubert J, et al. **J Urol (Paris)** 1984;90(7):483–6 (Eng. Abstr.) **(Fre)**

[Possibilities and indications of ultrasound-guided transcutaneous interventions on the kidney] Feiber H, et al. **Helv Chir Acta** 1984 Oct;51(3–4):421–4 (Eng. Abstr.) **(Ger)**

[The extended Gibson incision as an approach in nephroureterectomy] Frohmüller H. **Helv Chir Acta** 1984 Oct;51(3–4):473–6 (Eng. Abstr.) **(Ger)**

[The approach in urology--the lumbar approach] Herrlinger A, et al. **Helv Chir Acta** 1984 Oct;51(3–4):449–55 (Eng. Abstr.) **(Ger)**

[Indications, technic and results in dorsal kidney exposure] Jarrar K. **Helv Chir Acta** 1984 Oct;51(3–4):487–90 (Eng. Abstr.) **(Ger)**

[Intra- and postoperative complications in interventions of the kidney, kidney calices and upper ureter] Lutzeyer W. **Urologe [A]** 1985 May;24(3):127–31 (Eng. Abstr.) **(Ger)**

[Hypertension caused by reflux nephropathy--normotension following bilateral partial nephrectomy] Behrendt H, et al. **Urologe [Ausg A]** 1985 Mar;24(2):84–6 (Eng. Abstr.) **(Ger)**

[Clinical and morphologic aspects of balloon catheter nephrostomy] Oehler D, et al. **Z Urol Nephrol** 1985 Mar; 78(3):137–43 (Eng. Abstr.) **(Ger)**

[The role of percutaneous puncture of the kidney pelvis in urologic practice] Hamvas A, et al. **Orv Hetil** 1984 Nov 18;125(47):2857–61 (Eng. Abstr.) **(Hun)**

[Our experience in the junction syndrome] Grassetti F, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):321–7 (Eng. Abstr.) **(Ita)**

[Two cases of spontaneous fistula between urinary tract and gastrointestinal tract] Harada M, et al. **Hinyokika Kiyo** 1985 Apr;31(4):683–7 (Eng. Abstr.) **(Jpn)**

[Spontaneous rupture of the renal pelvis: a case report]

Uchibayashi T, et al. **Hinyokika Kiyo** 1983 Oct; 29(10):1359-62 (Eng. Abstr.) **(Jpn)**

[Kidney transplantation in children] Fine RN. **Pediatr Pol** 1985 Feb;60(2):101-15 (83 ref.) **(Pol)**

[Nephropexy using a renal fascia flap] Klepikov FA. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):18-22 (Eng. Abstr.) **(Rus)**

[Plastic surgery of a retrocaval ureter and carbuncle of the right kidney] Kopyl' MA, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):50-1 **(Rus)**

[Artificial hemodilution and ganglionic blockade in pediatric urology and surgical nephrology] Pulatov AT, et al. **Vestn Khir** 1984 Oct;133(10):101-4 (Eng. Abstr.) **(Rus)**

THERAPY

Immunologic problems and perspectives in the therapeutic use of monoclonal antibodies in nephrology. Bach JF, et al. **Adv Nephrol** 1985;14:365-88 (68 ref.)

The continued care of pediatric patients with renal disease into adult life. Cameron JS. **Am J Kidney Dis** 1985 Aug; 6(2):91-5

Renal colic. Morgan T. **Aust Fam Physician** 1984 Jun; 13(6):399-401

Management of patients with renal and ureteric calculi presenting with chronic renal insufficiency. Gupta NP, et al. **Br J Urol** 1985 Apr;57(2):130-2

Transient paradoxical renal vasoconstriction following cardiac operation. Treatment with volume depletion. Heinsohn ME, et al. **Chest** 1985 Feb;87(2):257-8

Plasmapheresis therapy in immunologically mediated rheumatic and renal diseases. Balow JE, et al. **Clin Immunol Rev** 1984;3(2):235-72 (132 ref.)

Klebsiella pneumoniae in a nephrological department. Kolmos HJ. **J Hosp Infect** 1984 Sep;5(3):253-9

Replacement therapy in end-stage renal amyloidosis. Banks RA, et al. **J R Soc Med** 1985 Jul;78(7):593-4

Percutaneous renal angioplasty [editorial] Buist TA. **J R Soc Med** 1985 May;78(5):353-5

Renal vasculitis: a review. Neild G. **J R Soc Med** 1985 Aug; 78(8):667-71 (22 ref.)

Bilateral pelviureteric junction obstruction: the case for endoscopic management. Ramsay JW, et al. **J R Soc Med** 1985 Jul;78(7):590-3

Recovery after relief of renal obstruction. **Lancet** 1985 Jun 22;1(8443):1429

Narrowing of the dental pulp chamber in patients with renal diseases. Näsström K, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):242-6

Haemodialysis and haemofiltration on cardiopulmonary bypass. Hakim M, et al. **Thorax** 1985 Feb;40(2):101-6

Percutaneous catheter drainage of obstructed transplant kidney in pregnancy. Hartnell GG, et al. **Urology** 1985 May;25(5):522-3

Alcohol occlusion of segmental renal arteries as alternative to kidney resection. Sylvén M, et al. **Urology** 1985 Apr; 25(4):361-2

[Reflexotherapy in urology] Henry JC, et al. **Acta Urol Belg** 1984;52(4):617-21 (Eng. Abstr.) **(Fre)**

[Inpatient, day clinic and ambulatory care of children and adolescents with chronic kidney disease] Schärer K, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):66-71 (Eng. Abstr.) **(Ger)**

[Embolization of the renal arteries in kidney disease] Vozianov AF, et al. **Klin Khir** 1984 Dec;(12):1-3 (Eng. Abstr.) **(Rus)**

[General principles of management of patients with kidney diseases] Mukhin NA, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):135-40 **(Rus)**

[Outpatient polyclinic care in renal diseases] Ratner MIa. **Ter Arkh** 1985;57(1):12-7 **(Rus)**

[Methods of eliminating immune complexes in kidney disease patients (a review of the literature)] Taran EI. **Vrach Delo** 1984 Aug;(8):61-6 (44 ref.) **(Rus)**

URINE

Clinical correlates of eosinophiliuria. Corwin HL, et al. **Arch Intern Med** 1985 Jun;145(6):1097-9

Crossed-immunoelectrophoresis analysis of the urinary excretion of alpha 1-acid glycoprotein, alpha 1-antitrypsin, albumin, and transferrin in normal subjects and in patients with renal disease. Coimbra TM, et al. **Braz J Med Biol Res** 1984;17(1):35-41

Excretion of Tamm-Horsfall glycoprotein in renal disease. Lynn KL, et al. **Clin Nephrol** 1984 Nov;22(5):253-7

Enzymuria as a marker of renal injury and disease: studies of N-acetyl-beta-glucosaminidase, alanine aminopeptidase and lysozyme in patients with renal disease. Palmieri L, et al. **Contrib Nephrol** 1984;42:123-9

Renal handling of citrate in children with various kidney disorders. Schärer K, et al. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):79-88

Proton NMR spectra of urine as indicators of renal damage. Mercury-induced nephrotoxicity in rats. Nicholson JK, et al. **Mol Pharmacol** 1985 Jun;27(6):644-51

Fractional oxalate clearance in subjects with normal and impaired renal function. Boer P, et al. **Nephron** 1985; 41(1):78-81

[Urinary prostaglandins in the hepatorenal syndrome of cirrhotic patients: role of thromboxane A2 and an imbalance of precursor polyunsaturated fatty acids] Parelon G, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):290-7 (Eng. Abstr.) **(Fre)**

[Methodologic studies of SDS electrophoresis of urinary proteins] Peisker K. **Z Med Lab Diagn** 1984;25(7):372-7 (Eng. Abstr.) **(Ger)**

[Urinary glycoproteins in renal diseases] Yazawa T. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1105-17 (Eng. Abstr.) **(Jpn)**

[Renal phosphate loss and idiopathic hypercalciuria] Martínez ME, et al. **Med Clin (Barc)** 1985 Apr 20; 84(15):596-9 (Eng. Abstr.) **(Spa)**

VETERINARY

Laparoscopic-assisted serial biopsy of the bovine kidney. Naoi M, et al. **Am J Vet Res** 1985 Mar;46(3):699-702

Amaranthus retroflexus (redroot pigweed): inability to cause renal toxicosis in rabbits. Schamber GJ, et al. **Am J Vet Res** 1985 Jan;46(1):266-7

Spontaneous occurrence of ochratoxin A residues in porcine kidney and serum samples in Poland. Goliński P, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1014-5

Kidney disease of sheep, associated with infection by leptospires of the Sejroe serogroup. Ellis TM, et al. **Aust Vet J** 1984 Sep;61(9):304-6

Familial nephropathy in cocker spaniels. Robinson WF, et al. **Aust Vet J** 1985 Apr;62(4):109-12

Experimental ochratoxicosis A in pigs. Tapia MO, et al. **Aust Vet J** 1984 Jul;61(7):219-22

Relationship of body-weight gain to longevity and to risk of development of nephropathy and neoplasia in Sprague-Dawley rats. Turnbull GJ, et al. **Food Chem Toxicol** 1985 Mar;23(3):355-61

Cryptosporidium sp in the kidneys of a black-throated finch. Gardiner CH, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1401-2

Clinical evaluation of sodium sulfanilate clearance for the diagnosis of renal disease in dogs. Maddison JE, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):961-5

Calculation of dosage regimens of antimicrobial drugs in animals with renal and hepatic dysfunction. Riviere JE. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1094-7 (34 ref.)

Klossiella sp infection in a galago. Schoeb TR. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1381-2

PKX, the causative agent of proliferative kidney disease (PKD) in Pacific salmonid fishes and its affinities with the Myxozoa. Kent ML, et al. **J Protozool** 1985 May; 32(2):254-60

Comparative sensitivities of diagnostic procedures used to detect bacterial kidney disease in salmonid fishes. Cipriano RC, et al. **J Wildl Dis** 1985 Apr;21(2):144-8

Renal coccidiosis in interior Canada geese, Branta canadensis interior Todd, of the Mississippi Valley population. Tuggle BN, et al. **J Wildl Dis** 1984 Oct;20(4):272-8

Isolation and characterization of amyloid protein AA in the Abyssinian cat. DiBartola SP, et al. **Lab Invest** 1985 May; 52(5):485-9

Primary renal disease in a dog. Manderino DM, et al. **Mod Vet Pract** 1984 Aug;65(8):633-5

A chick model for impaired renal function. Harvey RB, et al. **Poult Sci** 1984 Oct;63(10):1920-4

Distribution of 5'-nucleotidase in the tissues of sheep and the effect of kidney and liver lesions on the activity of the enzyme in plasma and urine. Ford EJ, et al. **Res Vet Sci** 1985 Jul;39(1):103-9

Primary renal diseases of the cat. August JR, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1247-60 (39 ref.)

Ascites, renal abnormalities, and electrolyte and acid-base disorders associated with liver disease. Grauer GF, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):197-214

Mineralisation in kidney and stomach of beagle dogs. Majeed SK. **Vet Q** 1985 Apr;7(2):162-4

Juvenile renal disease in a dobermann [letter] Thomas DA. **Vet Rec** 1984 Oct 27;115(17):446-7

[Proliferative kidney disease in salmonid fish] Hoffmann R, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1; 97(8):288-91 (Eng. Abstr.) **(Ger)**

[Myxosporidia infections of the kidney of carp (Cyprinus carpio L.) from Lower Saxony pond farms] Körting W, et al. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1; 97(7):255-9 (Eng. Abstr.) **(Ger)**

KIDNEY FAILURE, ACUTE

see related
ANURIA
HEMODIALYSIS

Acute renal failure in pregnancy. Knuppel RA, et al. **Clin Obstet Gynecol** 1985 Jun;28(2):288-97

Acute renal failure. de Torrenté A. **Int Anesthesiol Clin** 1984 Spring;22(1):83-100

Acute renal failure. Popovtzer MM, et al. **Int J Artif Organs** 1985 Jan;8(1):21-32 (75 ref.)

Learning experiences from UNC. Renal autoregulation, drugs, and acute renal failure. Blythe WB. **NC Med J** 1985 Jul;46(7):413-4

BLOOD

The effect of acutely reduced plasma osmolality on acute renal failure in rats. Popovtzer MM, et al. **Clin Sci** 1985 May;68(5):523-8

Circulating thyroid hormones in progressive renal failure in the baboon (Papio ursinus). Kalk WJ, et al. **J Endocrinol Invest** 1984 Aug;7(4):299-306

Plasma protein binding of frusemide in renal failure rabbits: investigation of endogenous protein binding inhibitors. Ikeda K, et al. **J Pharm Pharmacol** 1984 Oct;36(10):663-7

Renal biopsy in patients with acute renal failure and prolonged bleeding time [letter] Gotti E, et al. **Lancet** 1984 Oct 27;2(8409):978-9

CHEMICALLY INDUCED

Changes in tissue calcium content during gentamicin acute renal failure. Cronin RE. **Adv Exp Med Biol** 1984; 178:445-51

Nonsteroidal anti-inflammatory drugs (NSAID), another nephrotoxin. Tucker SB. **Alaska Med** 1984 Oct-Dec; 26(4):98-100

Methanol poisoning complicated by myoglobinuric renal failure. Grufferman S, et al. **Am J Emerg Med** 1985 Jan; 3(1):24-6

Protective effect of thyroxine but not parathyroidectomy on gentamicin nephrotoxicity. Cronin RE, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F332-9

Rhabdomyolytic renal failure and suxamethonium [letter] Hawker F, et al. **Anaesth Intensive Care** 1985 May;13(2):208

Acute rhabdomyolytic renal failure due to suxamethonium. Hool GJ, et al. **Anaesth Intensive Care** 1984 Nov; 12(4):360-4

Captopril-induced renal insufficiency and the role of sodium balance. Hricik DE. **Ann Intern Med** 1985 Aug; 103(2):222-3

Piroxicam-induced acute renal failure (anuria) [letter] Mavrikakis ME, et al. **Ann Rheum Dis** 1985 May;44(5):356

Acute renal failure following massive mannitol infusion. Appropriate response of tubuloglomerular feedback? Goldwasser P, et al. **Arch Intern Med** 1984 Nov; 144(11):2214-6

Acute oxalate nephropathy after massive ascorbic acid administration. Lawton JM, et al. **Arch Intern Med** 1985 May;145(5):950-1

Acute renal failure in primary macroglobulinemia with small-molecule IgM. Matsumoto J, et al. **Arch Intern Med** 1985 May;145(5):929-31

Acute tubular necrosis after inhalation exposure to methylene chloride. Report of a case. Miller L, et al. **Arch Intern Med** 1985 Jan;145(1):145-6

Acute renal failure associated with mannitol intoxication. Report of a case. Whelan TV, et al. **Arch Intern Med** 1984 Oct;144(10):2053-5

Acute renal failure induced by low molecular weight dextran [letter] Schwarz J, et al. **Aust NZ J Med** 1984 Oct; 14(5):688-9

Non-oliguric renal failure during treatment with mefenamic acid in elderly patients: a continuing problem. Taha A, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):661-2

Nephrotic syndrome and renal failure secondary to lithium carbonate therapy [letter] Bear RA, et al. **Can Med Assoc J** 1985 Apr 1;132(7):735-7

TNO-6-induced acute renal failure. A case report. Offerman JJ, et al. **Cancer** 1985 Oct 1;56(7):1511-4

Hyperphosphatemic renal failure following treatment of acute nonlymphatic leukemia [letter] Dauber LG, et al. **Cancer Treat Rep** 1985 May;69(5):563-5

Acute renal failure and death following sequential intermediate-dose methotrexate and 5-FU: a possible adverse effect due to concomitant indomethacin administration. Ellison NM, et al. **Cancer Treat Rep** 1985 Mar;69(3):342-3

Successful continuation of cisplatin therapy after partial recovery from acute renal failure [letter] Wong DC, et al. **Cancer Treat Rep** 1985 Jun;69(6):731-3

Baclofen toxicity associated with declining renal clearance after ibuprofen. Dahlin PA, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):805-8

Mortality and renal failure in the streptozocin-alloxan diabetic dog attributed to contamined alloxan preparations. Cutfield R, et al. **Horm Metab Res** 1984 Oct;16(10):549-50

Acute renal failure after intoxication with Cortinarius mushrooms. Holmdahl J, et al. **Hum Toxicol** 1984 Aug; 3(4):309-13

Reversible acute renal failure due to monthly administration of rifampicin in a leprosy patient. Kar HK, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):835-9

Acute tubular necrosis and minimal change glomerulopathy associated with fenoprofen therapy Dhar SK, et al. **Indiana Med** 1984 Dec;77(12):956-7

Nephrotic syndrome with reversible severe renal failure after gold therapy. Blum M, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct;22(10):562-4

Effect of some simple manoeuvres on the course of acute renal failure after gentamycin treatment in rats. Heller J. **Int Urol Nephrol** 1984;16(3):243-51

Comparative microangiographic studies of glycerol- and mercuric chloride-induced acute renal failure in rats. Clark RL, et al. **Invest Radiol** 1984 Mar-Apr;19(2):96-109

Tamm-Horsfall glycoprotein excretion and aggregation during intravenous urography. Relevance to acute renal failure. Dawnay AB, et al. **Invest Radiol** 1985 Jan-Feb; 20(1):53-7

Contrast media-induced nephrotoxicity. Survey and present state. Golman K, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S92-7

Free radical scavengers in mercuric chloride-induced acute renal failure in the rat. Paller MS. **J Lab Clin Med** 1985 Apr;105(4):459-63

Structure-nephrotoxicity relationships of S-(2-chloroethyl)-DL-cysteine and analogs: role for an episulfonium ion. Elfarra AA, et al. **J Pharmacol Exp Ther** 1985 May;233(2):512-6

Reversible ultrasound findings in the kidneys of a patient with sulphonamide induced obstructive uropathy. Yap HK, et al. **J Singapore Paediatr Soc** 1984;26(1-2):105-6

Glomerular alterations in uranyl acetate-induced acute renal failure in rabbits. Kobayashi S, et al. **Kidney Int** 1984 Dec;26(6):808-15

Mechanisms of lysine-induced acute renal failure in rats. Racusen LC, et al. **Kidney Int** 1985 Mar;27(3):517-22

Cis-diamminedichloroplatinum (II)-induced acute renal failure in the rat. Correlation of structural and functional alterations. Jones TW, et al. **Lab Invest** 1985 Apr;52(4):363-74

Acute renal failure due to diltiazem [letter] Achenbach V, et al. **Lancet** 1985 Jan 19;1(8421):176

Reversible acute renal failure during enalapril treatment in patient with chronic glomerulonephritis without renal artery stenosis [letter] Brivet F, et al. **Lancet** 1985 Jun 29;1(8444):1512

Captopril-associated renal failure with endarteritis but not renal-artery stenosis in transplant recipient [letter] Davin JC, et al. **Lancet** 1985 Apr 6;1(8432):820

Rhabdomyolysis and acute renal failure after theophylline overdose [letter] Macdonald JB, et al. **Lancet** 1985 Apr 20;1(8434):932-3

Renal failure and use of morphine in intensive care [letter] Shelly M, et al. **Lancet** 1985 May 11;1(8437):1100

Acute renal failure due to diltiazem [letter] ter Wee PM, et al. **Lancet** 1984 Dec 8;2(8415):1337-8

Thiopental-related immune hemolytic anemia and renal failure. Specific involvement of red-cell antigen I. Habibi B, et al. **N Engl J Med** 1985 Feb 7;312(6):353-5

Acute renal failure associated with amoxapine overdose. Chu CC, et al. **Nebr Med J** 1984 Oct;69(10):338-9

Diclofenac-associated acute renal failure. Report of 2 cases. Rossi E, et al. **Nephron** 1985;40(4):491-3

Effect of captopril on blood pressure and renal function in patients with transplant renal artery stenosis. van der Woude FJ, et al. **Nephron** 1985;39(3):184-8

Comparison between mannitol and saline infusion in HgCl2-induced acute renal failure. Vanholder R, et al. **Nephron** 1984;38(3):193-201

Anuric renal failure precipitated by indomethacin and triamterene. Weinberg MS, et al. **Nephron** 1985;40(2):216-8

Reversible renal failure following treatment with captopril and diuretics in patients with renovascular hypertension. Hoefnagels WH, et al. **Neth J Med** 1984;27(8):269-74

Renal failure with potassium-sparing diuretics. Lynn KL, et al. **NZ Med J** 1985 Aug 14;98(784):629-33

Can captopril cause fetal and neonatal renal failure? Rothberg AD, et al. **Pediatr Pharmacol (New York)** 1984;4(3):189-92

Endotoxin-induced acute renal failure in mice. Effects of indomethacin and the thromboxane-synthetase antagonist UK 38.485. Hirschberg R, et al. **Res Exp Med (Berl)** 1985;185(2):107-13

Acute renal failure after rifampicin. Weinberg A, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):341-5

Paracetamol-induced acute renal failure in the absence of severe liver damage. Pillans P, et al. **S Afr Med J** 1985 May 17;67(20):791-2

Acute oliguric renal failure due to ibuprofen overdose. Bennett RR, et al. **South Med J** 1985 Apr;78(4):490-1

Amoxapine-associated acute renal failure [letter] Chu CC, et al. **South Med J** 1985 Jun;78(6):761

Lithium intoxication associated with acute renal failure. Fenves AZ, et al. **South Med J** 1984 Nov;77(11):1472-4

Renal failure and other serious sequelae of epinephrine toxicity in neonates. Levine DH, et al. **South Med J** 1985 Jul;78(7):874-7

Nephrotoxicity from nonsteroidal anti-inflammatory drugs. Reeves WB, et al. **South Med J** 1985 Mar;78(3):318-22

Rifampicin induced light chain proteinuria and renal failure. Winter RJ, et al. **Thorax** 1984 Dec;39(12):952-3

Functional and structural alterations of the rat kidney induced by the naturally occurring organonitrile 2S-1-cyano-2-hydroxy-3,4-epithiobutane. Gould DH, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):190-201

Acute renal failure and glucosuria induced by ferric nitrilotriacetate in rats. Hamazaki S, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):267-74

Induced hyperglycemia protects against mercury nephrotoxicity in the rat. Shyh TP, et al. **Trans Am Soc Artif Intern Organs** 1984;30:260-3

Acute hemolysis and renal failure with rifampicin-dependent antibodies after discontinuous administration. Tahan SR, et al. **Transfusion** 1985 Mar-Apr;25(2):124-7

Pathogenetic mechanisms of nephrotoxicity: insights into cyclosporine nephrotoxicity. Humes HD, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):51-62 (78 ref.)

Pathology and pathogenesis of nephrotoxic membrane damage. Schwertz DW, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):63-71 (57 ref.)

Experimental models of nephrotoxic acute renal failure. Stein JH, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):72-80 (60 ref.)

Acute renal failure following intraperitoneal injection of cis-diamminedichloroplatinum. Hosokawa S, et al. **Urol Int** 1984;39(4):246-9

Acute renal failure caused by acute monofluoroacetate poisoning. Chung HM. **Vet Hum Toxicol** 1984;26 Suppl 2:29-32

Radiocontrast-induced renal failure. Misson RT, et al. **West J Med** 1985 May;142(5):657-64

Mannitol-induced renal insufficiency. Gutschenritter PW, et al. **Wis Med J** 1985 May;84(5):16-7

[Acute kidney failure and acute toxic cholestatic hepatitis caused by a large amount of analgin] Monov A, et al. **Vutr Boles** 1985;24(1):133-6 **(Bul)**

[Acute interstitial nephritis associated with renal failure induced by rifampin--a case report] Chen HS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1053-7 (Eng. Abstr.) **(Chi)**

[Reversible renal failure due to captopril in a patient with renal artery stenosis in a solitary functioning kidney] Lynggaard F, et al. **Ugeskr Laeger** 1985 May 6;147(19):1549-50 (Eng. Abstr.) **(Dan)**

[Acute renal failure following ingestion of Spanish fly. Cantharidine poisoning] Villadsen AB, et al. **Ugeskr Laeger** 1984 May 7;146(19):1436-7 (Eng. Abstr.) **(Dan)**

[Paraquat poisoning in the Netherlands, 1972-1982] de Kort WL, et al. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2441-5 (Eng. Abstr.) **(Dut)**

[Acute fatal hepatorenal failure during treatment with mithramycin] Hémon Y, et al. **Ann Fr Anesth Reanim** 1985;4(3):301-3 (Eng. Abstr.) **(Fre)**

[Efficacy and reversible nephrotoxicity of cefsulodin during treatment of septicemia from Pseudomonas aeruginosa infection of a pacemaker] Penalba C, et al. **Ann Med Interne (Paris)** 1984;135(7):519-22 (Eng. Abstr.) **(Fre)**

[Renal insufficiency after administration of captopril in renal artery stenosis with a single kidney or bilateral stenosis is not compulsory] Durand D, et al. **Arch Mal Coeur** 1984 Oct;77(11):1272-7 (Eng. Abstr.) **(Fre)**

[Acute renal insufficiency following endourethral surgery with glycine irrigation] Arvieux C, et al. **J Urol (Paris)** 1984;90(2):107-10 (Eng. Abstr.) **(Fre)**

[Acute renal failure caused by clometacin hypersensitivity] Lavaud S, et al. **Nephrologie** 1984;5(3):131-4 (Eng. Abstr.) **(Fre)**

[Acute renal failure following skin burns by chromic acid (chromium VI) (letter)] Harry P, et al. **Presse Med** 1984 Nov 17;13(41):2520 **(Fre)**

[Immunoallergic hemolytic anemia, thrombopenia and acute renal failure induced by aspirin] Hubert D, et al. **Presse Med** 1984 Nov 24;13(42):2567-9 (Eng. Abstr.) **(Fre)**

[Acute renal insufficiency induced by captopril disclosing renal artery stenosis in a solitary kidney] Chabrier G, et al. **Rev Med Interne** 1985 Jan;6(1):58-61 **(Fre)**

[Can the glycine bladder lavage solution used in urologic surgery be toxic? Apropos of a case of acute renal insufficiency] Arvieux C, et al. **Therapie** 1984 Sep-Oct;39(5):579-81 **(Fre)**

[Severe side-effects of captopril] Arcavi L, et al. **Harefuah** 1985 May 1;108(9):439-41 (Eng. Abstr.) **(Heb)**

[Complication of aminoglycoside therapy: acute psychosis and renal insufficiency] Tolnai A, et al. **Orv Hetil** 1984 Dec 9;125(50):3047-50 (Eng. Abstr.) **(Hun)**

[A case of acute renal failure after intermittent rifampicin therapy] Fukunishi Y, et al. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):193-9 (Eng. Abstr.) **(Jpn)**

[Studies on the nephrotoxicity of aminoglycoside antibiotics and protection from these effects. (1). Nephrotoxicity of gentamicin and mercuric chloride] Kojima R, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):453-62 (Eng. Abstr.) **(Jpn)**

[Acute renal failure after chlorprothixene (Truxal) poisoning] Landa L, et al. **Tidsskr Nor Laegeforen** 1984 Oct 10;104(28):1970-1 (Eng. Abstr.) **(Nor)**

[Acute renal failure in interstitial nephritis] Warzywoda A, et al. **Wiad Lek** 1984 Apr 1;37(7):550-4 (Eng. Abstr.) **(Pol)**

[Captopril and renal transplant (letter)] Cuevas J, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):82-3 **(Spa)**

[Renal insufficiency and ergotism (letter)] Pujadas R, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):208-9 **(Spa)**

[Acute renal failure caused by iodinated contrast material] Torras J, et al. **Med Clin (Barc)** 1985 May 18;84(19):772-6 (Eng. Abstr.) **(Spa)**

[Compartment syndrome and acute renal failure after poisoning] Mälstam J, et al. **Lakartidningen** 1984 Dec 19;81(51):4866-7 **(Swe)**

COMPLICATIONS

Hemoptysis and acute renal failure in a young man [clinical conference] Feinstein EI, et al. **Am J Nephrol** 1985;5(1):64-70

Rhabdomyolysis and acute renal failure in sickle cell anemia [letter] Lewin PK. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):413-4

Aminoglycoside in advanced renal failure. Atukorala SD, et al. **Ceylon Med J** 1984 Jun;29(2):101-3

Rhabdomyolysis, acute renal failure and Legionnaires' disease. Brivet F, et al. **Chest** 1984 Dec;86(6):943-4

Erythropoietin and inhibitors of in vitro erythropoiesis in the development of anemia in children with renal disease. McGonigle RJ, et al. **J Lab Clin Med** 1985 Apr;105(4):449-58

[Renal insufficiency caused by prostatic cancer. Apropos of 7 cases] Fourcade RO. **Ann Urol (Paris)** 1984 Dec;18(6):424-6 (Eng. Abstr.) **(Fre)**

[A case of sporadic acute non A, non B hepatitis, with acute renal failure] Morioka S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2812-5 **(Jpn)**

[Treatment of renal function disorders in late middle-aged and elderly patients in emergency surgery] Shalonov PM. **Khirurgiia (Mosk)** 1984 Oct;(10):93-7 **(Rus)**

[Acute polymyositis and acute renal failure] Martín García J, et al. **Rev Clin Esp** 1985 May;176(8):420-2 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Ultrasonography in complications of renal transplantation. Hildell J, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):299-304

Saline depletion, pre-renal failure and acute renal failure. Knapp MS. **Clin Endocrinol Metab** 1984 Jul;13(2):311-32

Efficacy of sonography as a screening method in renal insufficiency. Chang VH, et al. **JCU** 1985 Jul-Aug;13(6):415-7

Course of acute renal failure studied by a model of creatinine kinetics. Moran SM, et al. **Kidney Int** 1985 Jun;27(6):928-37

[The diagnosis of acute kidney insufficiency] Koene RA, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):49-52 **(Dut)**

[Stage diagnosis of kidney insufficiency] Sieberth HG. **Internist (Berlin)** 1985 Mar;26(3):147-54 **(Ger)**

[Urinary enzymes in the non-invasive diagnosis of kidney epithelial lesions in acute kidney failure] Kotanko P, et al. **Wien Klin Wochenschr** 1984 Aug 31;96(16):625-9 (Eng. Abstr.) **(Ger)**

[Acute kidney failure in children] Rodriguez-Soriano J, et al. **An Esp Pediatr** 1984 Sep 30;21(4):349-53 **(Spa)**

DIET THERAPY

Parenteral nutrition in acute renal failure. Feinstein EI. **Am J Nephrol** 1985;5(3):145-9

DRUG THERAPY

Prostaglandin I2 attenuates ischemic acute renal failure in the rat. Lifschitz MD, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F714-7

Therapeutic trial of thromboxane synthesis inhibition in the hepatorenal syndrome. Zipser RD, et al. **Gastroenterology** 1984 Dec;87(6):1228-32

Protective effect of intrarenal calcium membrane blockers before or after renal ischemia. Functional, morphological, and mitochondrial studies. Burke TJ, et al. **J Clin Invest** 1984 Nov;74(5):1830-41

Effect of a new antithrombotic agent (defibrotide) in acute renal failure due to thrombotic microangiopathy. Bonomini V, et al. **Nephron** 1985;40(2):195-200

The effects of d-propranolol and captopril on post-ischaemic acute renal failure in rats. Ishigami M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:843-8

Beneficial effects of long-term prostaglandin E2 infusion on the course of postischemic acute renal failure. Long-term studies in chronically instrumented conscious dogs. Neumayer HH, et al. **Renal Physiol** 1985;8(3):159-68

Partial nephrectomy and furosemide in toxic and ischemic nonoliguric acute renal failure in rats. Middeke M, et al. **Res Exp Med (Berl)** 1985;185(3):227-32

The calcium ion and calcium channel blockers in ischemic acute renal failure (ARF). Schrier RW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:702-4

Amino acids in acute renal failure, the controversy between the experimental and clinical data. Solez K. **Trans Am Soc Artif Intern Organs** 1984;30:704-5

Clinical study of muzolimine in acute renal failure, pharmacodynamics and pharmacokinetics. Bouletreau P, et al. **Z Kardiol** 1985;74 Suppl 2:96-9

Beneficial effect of muzolimine in postischemic acute renal failure in rats. Garthoff B. **Z Kardiol** 1985;74 Suppl 2:171-4

[Clinical application of diuretics: acute kidney failure] Honda N. **Nippon Rinsho** 1984 Sep;42(9):2064-8 (39 ref.) **(Jpn)**

[Metabolic criteria of the effective treatment of acute renal failure with prostaglandin E2] Glants RM, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):34-6 (Eng. Abstr.) **(Rus)**

[Experimental prostaglandin E2 therapy of acute kidney failure due to the crush syndrome] Glants RM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):532-3 (Eng. Abstr.) **(Rus)**

[Protective effect of heparin in acute toxic renal insufficiency] Calvo Manuel E, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):25-9 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Serum amylase and lipase values in acute renal failure [letter] Zachée P, et al. **Clin Chem** 1985 Jul;31(7):1237

The intestinal profile of Na-K-ATPase in three rat models of acute renal failure. Kojima T, et al. **Exp Pathol** 1985;27(4):245-8

Altered distribution pattern of Na+-K+-ATPase and succinate dehydrogenase activities along the nephron in human acute post-transplant renal failure. Schmid H, et al. **J Clin Chem Clin Biochem** 1985 Jan;23(1):27-34

[In vivo activity of drug-metabolizing enzymes in various pathological conditions] Krakovskiĭ ME, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):76-9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Nonoliguric acute renal failure. Dixon BS, et al. **Am J Kidney Dis** 1985 Aug;6(2):71-80 (83 ref.)

Association of renal failure with Lewis incompatibility after allogeneic bone marrow transplantation. Blajchman MA, et al. **Am J Med** 1985 Jul;79(1):143-6

Acute pyelonephritis as a cause of late transplant dysfunction. Gillum DM, et al. **Am J Med** 1985 Jan;78(1):156-8

Polyhydramnios and obstructive renal failure: a case report and review of the literature. Vintzileos AM, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):883-5

Dietary protein intake conditions the degree of renal vasoconstriction in acute renal failure caused by ureteral obstruction. Ichikawa I, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F54-61

Acute renal failure in the cardiovascular surgical patient. Kron IL, et al. **Ann Thorac Surg** 1985 Jun;39(6):590-8 (116 ref.)

Reversible renal failure in a child with brucellosis: a case report. Fattah HA, et al. **Ann Trop Paediatr** 1984 Dec;4(4):247-50

Legionnaires' disease associated with rash and renal failure. Allen TP, et al. **Arch Intern Med** 1985 Apr;145(4):729-30

Renal function following infusion of radiologic contrast material. A prospective controlled study. Cramer BC, et al. **Arch Intern Med** 1985 Jan;145(1):87-9

Acute renal failure as a complication of obstructed jaundice [letter] Tannenbaum JS. **Arch Intern Med** 1985 Jan;145(1):178

Striated nephrogram in rhabdomyolysis. Hunnam GR, et al. **Br J Radiol** 1985 Jul;58(691):682-3

Acute renal failure after eating raw fish gall bladder. Chan DW, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):897

Rhabdomyolysis and acute renal failure in sickle cell anaemia. Devereux S, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1707

Acute renal failure presenting in pregnancy secondary to idiopathic hydronephrosis. Lewis GJ, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1250-1

Anticoagulation therapy for renal insufficiency after burns. Ono I, et al. **Burns Incl Therm Inj** 1984 Dec;11(2):104-10

Survival from acute renal failure after severe burns. Sawada Y, et al. **Burns Incl Therm Inj** 1984 Dec;11(2):143-7

Homeostatic alterations with major trauma. Renal responses and sequelae. Bevan DR. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):242-3

Hypercalcemia, renal failure, and relapse in multiple myeloma. Crawford SM. **Cancer** 1985 Feb 15;55(4):898-900

Could the enzymuria of long distance runners suggest renal tubular injury? [letter] de Paoli Vitali E, et al. **Clin Nephrol** 1985 Jan;23(1):52-3

Legionnaires' disease associated with acute renal failure: a report of two cases and review of the literature. Fenves AZ. **Clin Nephrol** 1985 Feb;23(2):96-100 (14 ref.)

Acute renal failure and tubular necrosis associated with hematuria due to mesangial proliferative glomerulonephritis [letter] Garcia Ruiz C, et al. **Clin Nephrol** 1984 Dec;22(6):321-2

Transient acute renal failure due to tumor-lysis-induced severe phosphate load in a patient with Burkitt's lymphoma. Monballyu J, et al. **Clin Nephrol** 1984 Jul;22(1):47-50

Acute renal failure and transient, massive proteinuria in a case of pheochromocytoma. Takabatake T, et al. **Clin Nephrol** 1985 Jul;24(1):47-9

Clinical profile of acute renal failure in an Addis Ababa referral hospital. Habte B, et al. **Ethiop Med J** 1984 Oct;22(4):179-83

Pathology of acute renal failure & haemolytic uraemic syndrome in acute dysentery in children. Bhuyan UN, et al. **Indian J Med Res** 1985 Apr;81:402-8

Sarcoid nephropathy: reversible cause of severe renal impairment with steroid therapy. Dhar SK, et al. **Indiana Med** 1984 Nov;77(11):878-9

Reversible acute interstitial nephritis associated with indomethacin. Green J, et al. **Isr J Med Sci** 1985 Feb;21(2):142-5

Non-lithium-induced renal failure with secondary lithium toxicity: case reports. Stern TA, et al. **J Clin Psychiatry** 1985 Jan;46(1):26-8

Acute renal failure and infectious mononucleosis. Arm JP, et al. **J Infect** 1984 Nov;9(3):293-7

Influenza B virus infection complicated by pneumonia, acute renal failure and disseminated intravascular coagulation. Luksza AR, et al. **J Infect** 1984 Sep;9(2):174-6

A Scottish case of nephropathy due to Hantaan virus infection. Walker E, et al. **J Infect** 1985 Jul;11(1):57-8

Rhabdomyolysis and acute renal failure: a new presentation of acute brucellosis. Wasserheit JN, et al. **J Infect Dis** 1984 Nov;150(5):782-3

Acute renal failure in acute pancreatitis. Karachalios GN, et al. **J Med** 1984;15(3):169-76

Urospasm. Smith H. **J Theor Biol** 1985 Feb 21;112(4):873-5

Acute renal failure due to perirenal hematoma complicating open renal biopsy. Greenberg A. **J Urol** 1984 Nov;132(5):969-71

Role of the medullary perfusion defect in the pathogenesis of ischemic renal failure. Mason J, et al. **Kidney Int** 1984 Sep;26(3):283-93

Deterioration of renal function in hypertensive patients with scleroderma despite blood pressure normalization with captopril. Waeber B, et al. **Klin Wochenschr** 1984 Aug 1;62(15):728-30

Low complement in atheroembolic disease [editorial] **Lancet** 1985 Jul 20;2(8447):136

Fulminant hepatic and renal failure complicating Wilson's disease. Rector WG Jr, et al. **Liver** 1984 Dec;4(6):341-7

Acute renal failure in obstructive diseases of the extrahepatic biliary ducts. Acalovschi I, et al. **Med Interne** 1984 Jul-Sep;22(3):203-8

The role of complement in the pathogenesis of postischemic acute renal failure. Stein JH, et al. **Miner Electrolyte Metab** 1985;11(4):256-61

Current concepts. Postpartum renal failure. Hayslett JP. **N Engl J Med** 1985 Jun 13;312(24):1556-9 (41 ref.)

Haemolysis, acute renal failure and haemolytic-uraemic syndrome [letter] Stratta P, et al. **Nephron** 1985;41(1):119

Experience with cyclosporin/prednisolone therapy in kidney transplantation, with special reference to nephrotoxicity, ATN and kidney preservation. Pichlmayr R, et al. **Neth J Med** 1985;28(6):268-71

Fatal myoglobinuric renal failure in a patient with tardive dyskinesia. Lazarus AL, et al. **Neurology** 1985 Jul;35(7):1055-7

Legionella causing rhabdomyolysis and renal failure [letter] Smeal WE, et al. **Postgrad Med** 1985 Aug;78(2):42, 44

Reversible renal failure due to psychogenic urinary retention. Korzets Z, et al. **Postgrad Med J** 1985 May;61(715):465-8

Extreme hypernatraemia in association with renal failure following caecocystoplasty. Walker WS, et al. **Postgrad Med J** 1984 Oct;60(708):700-1

Acute renal failure with polyarteritis nodosa and multiple myeloma. Williams AJ, et al. **Postgrad Med J** 1985 May;61(715):445-8

Cyclosporine and short ischaemia: a new model of experimental acute renal failure in rats. Iaina A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:849-52

Acute renal failure and tubular damage due to sepsis in an animal model. Linton AL, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:837-42

Acute renal failure in an infant with partial deficiency of hypoxanthine-guanine phosphoribosyltransferase. Wingen AM, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:751-5

Acute renal failure due to leptospirosis: clinical features and outcome in six cases. Winearls CG, et al. **Q J Med** 1984 Autumn;53(212):487-95

Acute renal failure caused by non-traumatic rhabdomyolysis. Case reports. O'Donnell D. **S Afr Med J** 1985 May 4;67(18):733-4

Acute renal failure caused by a rapidly progressive arterio-occlusive syndrome--Köhlmeier-Degos' disease? Björck S, et al. **Scand J Urol Nephrol** 1984;18(4):343-6

Acute infectious disease presenting as acute renal failure. Mactier RA, et al. **Scott Med J** 1984 Apr;29(2):96-100

Acute renal failure after digital subtraction angiography [letter] Kroenke K, et al. **South Med J** 1984 Oct;77(10):1346

Acute renal failure and jaundice associated with Epstein-Barr virus infection. Tishler M, et al. **South Med J** 1985 Jul;78(7):889-90

Acute renal failure in the transplanted kidney. Sutherland DE, et al. **Trans Am Soc Artif Intern Organs** 1984;30:706-10

Acute renal transplant failure resulting from obstruction with a calculus. Boyce NW, et al. **Transplant Proc** 1984 Oct;16(5):1364-6

Retroperitoneal fibrosis associated with schistosoma japonicum infestation--an immunologically mediated disease? Pun KK, et al. **Trop Geogr Med** 1984 Sep;36(3):281-3

Rhabdomyolysis and acute renal failure as a complication of urethral surgery. Leventhal I, et al. **Urology** 1985 Jul;26(1):59-61

Rhabdomyolysis and acute renal failure following the bite of the giant desert centipede Scolopendra heros. Logan JL, et al. **West J Med** 1985 Apr;142(4):549-50

[Hyperuricemic acute renal failure due to lymphoma and leukemia--report of 4 cases] Zhang JH. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):566-8 (Eng. Abstr.) **(Chi)**

[Acute renal failure after intravenous urography in diabetics with severe nephropathy] Frandsen NE, et al. **Ugeskr Laeger** 1984 Aug 20;146(34):2549-51 (Eng. Abstr.) **(Dan)**

[Nontraumatic rhabdomyolysis with acute kidney insufficiency] Masclee AA, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2114-7 (Eng. Abstr.) **(Dut)**

[Acute renal failure after extracorporeal circulation with aortic counterpulsation in surgically treated patients] Blanloeil Y, et al. **Ann Fr Anesth Reanim** 1985;4(3):283-8 (Eng. Abstr.) **(Fre)**

[Postoperative pernicious malarial attack in a subject, a native of an endemic zone] Marsepoil T, et al. **Ann Fr Anesth Reanim** 1984;3(5):371-3 (Eng. Abstr.) **(Fre)**

[Role of echography in the study of renal insufficiency in adults] Moreau JF, et al. **Ann Radiol (Paris)** 1984 Nov;27(7):589-92 (Eng. Abstr.) **(Fre)**

[Incidence and prognosis of acute renal failure after cardiac surgery with extracorporeal circulation] Blanloeil Y, et al. **Cah Anesthesiol** 1984 Oct;32(6):489-94 (Eng. Abstr.) **(Fre)**

[A case of scleroderma with sclerodermic renal crisis and association with the Vogt-Koyanagi-Harada syndrome] Cavalli C, et al. **Presse Med** 1985 May 18;14(20):1131-4 (Eng. Abstr.) **(Fre)**

[Hemorrhagic fever with renal syndrome in northeastern France (letter)] Hurault de Ligny B, et al. **Presse Med** 1984 Dec 15;13(45):2769 **(Fre)**

[Hemorrhagic fever with renal syndrome due to Hantaan virus or a serologically related virus] Melin JP, et al. **Presse Med** 1984 Dec 15;13(45):2741-5 (Eng. Abstr.) **(Fre)**

[Renal insufficiency caused by chronic granulomatous interstitial nephritis in Löfgren's syndrome] Hatron PY, et al. **Rev Med Interne** 1985 Jan;6(1):9-12 (Eng. Abstr.) **(Fre)**

[Reversible acute kidney failure in Wegener's granulomatosis] Klingmüller D, et al. **Internist (Berlin)** 1985 Jun;26(6):361-4 **(Ger)**

[New diagnostic and therapeutic aspects of acute kidney failure] Briner V, et al. **Schweiz Med Wochenschr** 1984 Dec 29;114(52):1938-41 (Eng. Abstr.) **(Ger)**

[Acute renal insufficiency in pregnancy. A case of the uremic-hemolytic syndrome in the post-partum period] Federico S, et al. **Minerva Ginecol** 1984 Jul-Aug;36(7-8):395-8 (Eng. Abstr.) **(Ita)**

[A case of diabetic ketoacidosis associated with myoglobinuric acute renal failure] Soejima A, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):322-6 **(Jpn)**

[Renal failure after cesarean section] Szymański W, et al. **Ginekol Pol** 1984 Nov;55(11):875-9 (Eng. Abstr.) **(Pol)**

[Pathogenesis of acute non-inflammatory renal failure] Kokot F. **Pol Arch Med Wewn** 1985 Jan;73(1):35-43 (38 ref.) **(Pol)**

[Infectious endocarditis complicated by glomerulonephritis and acute renal failure] Adamiec R, et al. **Wiad Lek** 1985 Jan 1;38(1):51-5 (Eng. Abstr.) **(Pol)**

[2 cases of acute irreversible renal failure] Ksiażek A, et al. **Wiad Lek** 1984 May 1;37(9):703-8 (Eng. Abstr.) **(Pol)**

[Management of acute renal insufficiency in the postoperative period after cardiac surgery] Nogueira WP. **Arq Bras Cardiol** 1984 Nov;43(5):361-3 **(Por)**

[Acute postoperative hepato-renal insufficiency] Margulis MS, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):102-5 **(Rus)**

[Acute kidney failure and the renin-angiotensin-aldosterone system] Bystrovskiĭ VF. **Klin Med (Mosk)** 1985 Apr;63(4):13-6 (48 ref.) **(Rus)**

[Acute renal failure in hyperuricemia and nephrolithiasis] Dzhabad-Zade MD, et al. **Sov Med** 1984;(10):32-6 (Eng. Abstr.) **(Rus)**

[Kidney changes in acute pancreatitis] Krylov AA, et al. **Ter Arkh** 1985;57(2):130-2 (44 ref.) **(Rus)**

[Myeloma nephropathy] Shulutko BI. **Vrach Delo** 1985 Jun;(6):63-7 **(Rus)**

[Acute renal insufficiency in hypokalemic nephropathy] Plješa S, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):933-9 (Eng. Abstr.) **(Scc)**

[2 case reports of hepatorenal syndrome caused by Leptospira icterohaemorrhagiae] Madle-Samardžija N, et al. **Med Pregl** 1984;37(9-10):419-21 **(Scr)**

[Acute renal failure in hepatitis B (letter)] Marcos Sánchez F, et al. **Rev Clin Esp** 1985 Feb;176(2):106 **(Spa)**

IMMUNOLOGY

Renal failure in myeloma: relationship with isoelectric point of immunoglobulin light chains. Melcion C, et al. **Clin Nephrol** 1984 Sep;22(3):138-43

METABOLISM

In vitro versus in vivo mitochondrial calcium loading in ischemic acute renal failure. Arnold PE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F845-50

Reduced hepatic uptake of propranolol in rats with acute renal failure. Hori R, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2679-83

Impaired muscle glucose metabolism in acute renal failure. Palmer TN, et al. **Biosci Rep** 1985 May;5(5):433-8

Pharmacokinetics and biliary excretion of bromosulphophthalein, [3H]-ouabain and [3H]-taurocholic acid in rats with glycerol-induced acute renal failure. Bowmer CJ, et al. **Br J Pharmacol** 1984 Nov;83(3):773-82

Effect of experimental acute renal failure on intestinal barriers to drug absorption. Kimura T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2471-3

Post-heparin lipolytic activity in acute renal failure. Druml W, et al. **Clin Nephrol** 1985 Jun;23(6):289-93

Kinetics of digitoxin and the bis- and monodigitoxosides of digitoxigenin in renal insufficiency. Graves PE, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):607-12

A new dosing regimen in renal insufficiency: application to cephalexin. Hori R, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):290-5

Cefotaxime and desacetyl cefotaxime kinetics in renal impairment. Matzke GR, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):31-6

Bumetanide kinetics in renal failure. Pentikäinen PJ, et al. **Clin Pharmacol Ther** 1985 May;37(5):582-8

Uremic pneumonitis. Evidence for participation of proteolytic enzymes. Heidland A, et al. **Contrib Nephrol** 1984;41:352-66

Bicarbonate hemodialysis of patients with acute renal failure and severe sepsis. Huyghebaert MF, et al. **Crit Care Med** 1985 Oct;13(10):840-3

The renal contribution to amino acid metabolism in acute renal failure. Fath JJ, et al. **Curr Surg** 1984 Nov-Dec; 41(6):458-61

Oxygen free radicals in ischemic acute renal failure in the rat. Paller MS, et al. **J Clin Invest** 1984 Oct;74(4):1156-64

Increased availability of propranolol in rats with uranyl nitrate-induced acute renal failure. Katayama H, et al. **J Pharmacobiodyn** 1984 Aug;7(8):536-44

Pharmacokinetics of l-propranolol during repetitive dosing in normal and uranyl nitrate-induced renal failure rats. Terao N, et al. **J Pharmacokinet Biopharm** 1984 Oct; 12(5):479-93

Transport of p-aminohippurate, tetraethylammonium and D-glucose in renal brush border membranes from rats with acute renal failure. Hori R, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):776-81

Reduced extraction of l-propranolol by perfused rat liver in the presence of uremic blood. Terao N, et al. **J Pharmacol Exp Ther** 1985 May;233(2):277-84

Renal mercury content in HgCl2-induced acute renal failure in furosemide/saline-protected and nonprotected rats. Brunner FP, et al. **Nephron** 1985;41(1):94-9

MORTALITY

The assessment of risk factors in 462 patients with acute renal failure. Bullock ML, et al. **Am J Kidney Dis** 1985 Feb; 5(2):97-103

Why do patients with postsurgical acute tubular necrosis die? Mentzer SJ, et al. **Arch Surg** 1985 Aug;120(8):907-10

Acute renal failure revisited: the full circle in ARF mortality. Eliahou HE, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:700-2

[Catamnestic study of long-term prognosis in patients with acute kidney failure] Lachhein L, et al. **Z Urol Nephrol** 1984 Nov;77(11):655-60 (Eng. Abstr.) **(Ger)**

[Clinical studies on acute renal failure] Inazumi H. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):681-98 (Eng. Abstr.) **(Jpn)**

[High mortality in acute renal failure associated with other organ damage] Ishikawa I, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):711-20 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Renal failure on the East Coast [letter] Reddy J, et al. **NZ Med J** 1985 Feb 13;98(772):69

PATHOLOGY

Effect of prolonged saline loading on HgCl2-induced renal tubular damage. Magos L, et al. **Br J Exp Pathol** 1984 Oct;65(5):567-75

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 45-1984. Oliguric renal failure of uncertain cause in a 61-year-old man. **N Engl J Med** 1984 Nov 8;311(19):1239-47

Rhabdomyolysis, acute renal failure, and disseminated intravascular coagulation in a man with sickle cell trait. Hynd RF, et al. **South Med J** 1985 Jul;78(7):890-1

Hypertrophy of actin bundles in tubular cells in acute renal failure. Olsen TS, et al. **Ultrastruct Pathol** 1984;7(4):241-50

Tubular ultrastructure in acute renal failure: alterations of cellular surfaces (brush-border and basolateral infoldings). Olsen TS, et al. **Virchows Arch [A]** 1985;406(1):91-104

Tubular ultrastructure in acute renal failure in man: epithelial necrosis and regeneration. Olsen TS, et al. **Virchows Arch [A]** 1985;406(1):75-89

[Acute renal insufficiency in multiple myeloma. Ultrastructural study of multinuclear giant cells] Palazzi P, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):267-76 (Eng. Abstr.) **(Ita)**

[Histopathological studies on the renal lesions in the cardiac surgical patients] Tamura K. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1151-62 (Eng. Abstr.) **(Jpn)**

[Pathological anatomy of the myorenal syndrome in the light of current methods of treatment] Zimina LN. **Arkh Patol** 1985;47(2):44-51 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Acute renal failure in the elderly can have a good prognosis. Oliveira DB, et al. **Age Ageing** 1984 Sep;13(5):304-7

The effect of diuretics on systemic and renal hemodynamics in patients with renal insufficiency. Kaufman AM, et al. **Am J Kidney Dis** 1985 Apr;5(4):A71-8 (30 ref.)

Spontaneous recovery from cardiogenic shock and renal failure. Schwartz ML, et al. **Am J Med** 1985 May; 78(5):878-80

Ischemic acute renal failure in the rat: protective effect of uninephrectomy. Fried TA, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):F568-74

Acute renal failure in mesangial IgA nephropathy. Kincaid-Smith P, et al. **Contrib Nephrol** 1984;40:182-6

Biochemical alterations of membrane lipids associated with renal injury. Morrison AR, et al. **Fed Proc** 1984 Oct; 43(13):2811-4

Renal ischemic injury in the dog: characterization and effect of various pharmacologic agents. Lewis RM, et al. **J Lab Clin Med** 1984 Oct;104(4):470-9

Cardiac reactivity in rats with acute renal failure. Yates MS, et al. **J Pharm Pharmacol** 1985 Mar;37(3):175-9

Vascular reactivity in experimental acute renal failure. Yates MS, et al. **J Pharm Pharmacol** 1985 Jul;37(7):486-90

Renal ischemia: a new perspective. Brezis M, et al. **Kidney Int** 1984 Oct;26(4):375-83 (117 ref.)

Nephron heterogeneity in ischemic acute renal failure. Conger JD, et al. **Kidney Int** 1984 Oct;26(4):422-9

Responses of the ischemic acute renal failure kidney to additional ischemic events. Zager RA, et al. **Kidney Int** 1984 Nov;26(5):689-700

Urinary loss of glucose, phosphate, and protein by diffusion into proximal straight tubules injured by D-serine and maleic acid. Carone FA, et al. **Lab Invest** 1985 Jun; 52(6):605-10

Nitroprusside (NP) on post-ischemic acute renal failure. Satta A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):137-40

Prostacyclin and thromboxane A2 moderate postischemic renal failure. Lelcuk S, et al. **Surgery** 1985 Aug; 98(2):207-12

[Clinical course and histopathology of acute oliguric and non-oliguric renal insufficiency] Vacri AM, et al. **Minerva Med** 1985 May 19;76(21):985-92 (Eng. Abstr.) **(Ita)**

[Systemic hemodynamics in glycerol-induced acute renal failure in the rats] Nakatani T, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1119-29 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Evaluation of a flushing solution designed to protect kidneys from in situ ischemia. Andrews PM, et al. **Am J Kidney Dis** 1985 Jul;6(1):53-8

Prevention of acute tubular necrosis in cadaveric kidney transplantation by the combined use of mannitol and moderate hydration. Tiggeler RG, et al. **Ann Surg** 1985 Feb;201(2):246-51

Haptoglobin therapy for possible prevention of renal failure following thermal injury: a clinical study. Yoshioka T, et al. **J Trauma** 1985 Apr;25(4):281-7

Prevention of acute renal failure by diuretics. Satta A, et al. **Z Kardiol** 1985;74 Suppl 2:179-85

[Studies on the nephrotoxicity of aminoglycoside antibiotics and protection from these effects. (2). Protective effect of latamoxef against gentamicin nephrotoxicity] Kojima R, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):463-9 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Computed tomography of acute renal failure secondary to rhabdomyolysis. Mangano FA, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):777-9

Persistent wedge-shaped contrast enhancement of the kidney. Ishikawa I, et al. **Urol Radiol** 1985;7(1):45-7

RADIONUCLIDE IMAGING

Myoglobinuria with acute renal failure and hot kidneys seen on bone imaging. Sheth KJ, et al. **Clin Nucl Med** 1984 Sep;9(9):498-501

SURGERY

[Acute renal failure caused by renal artery occlusion. A surgical disease picture] Hupp T, et al. **Chirurg** 1985 May; 56(5):322-6 (Eng. Abstr.) **(Ger)**

THERAPY

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. II. Acute renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1-4):63-71

Immediate, safe hemodialysis into arteriovenous fistulas created with a new tunneler. An 11 year experience. Taucher LA. **Am J Surg** 1985 Aug;150(2):212-5

Nutritional support in acute organ failure. Kleinberger G, et al. **Bibl Nutr Dieta** 1985;(35):71-84 (24 ref.)

Acute renal failure in a burn patient: the advantages of continuous peritoneal dialysis. Pomeranz A, et al. **Burns Incl Therm Inj** 1985 Jun;11(5):367-70

Renal disease due to snake-bite and its management. Sheriff MH. **Ceylon Med J** 1983 Sep;28(3):190-8

Continuous arteriovenous hemofiltration: a physiologic and effective kidney replacement therapy. Kramer P. **Contrib Nephrol** 1985;44:236-47

Continuous arteriovenous hemofiltration--really an easy treatment? Sieberth HG, et al. **Contrib Nephrol** 1985; 44:248-59

Use of essential amino acid/dextrose solutions in the nutritional management of patients with acute renal failure. Thompson M. **Drug Intell Clin Pharm** 1985 Feb; 19(2):106-11 (30 ref.)

Haemodialysis in 'hepatorenal syndrome': report on two cases. Keller F, et al. **Gut** 1985 Feb;26(2):208-11

Acute renal failure: contemporary management. Luft FC. **Indiana Med** 1985 Aug;78(8):672-5

Continuous renal prosthetic therapy in acute renal failure. Paganini EP. **Int J Artif Organs** 1984 Jul;7(4):171-2

Arterio-venous hemodiafiltration (A-V HDF): a possible way to increase urea removal during C.A.V.H. Ronco C. **Int J Artif Organs** 1985 Jan;8(1):61-2

Acute renal failure following cardiopulmonary bypass in children: results of treatment. Baxter P, et al. **Int J Cardiol** 1985 Mar;7(3):235-43

Treatment of acute renal failure in an infant using continuous arteriovenous hemofiltration. Lieberman KV, et al **J Pediatr** 1985 Apr;106(4):646-9

Phosphate removal by haemoperfusion in acute renal failure (animals). Manor D, et al. **Life Support Syst** 1985 Jan-Mar; 3(1):26-34

Reversibility of acute renal failure in elderly patients with the nephrotic syndrome. Searle M, et al. **Postgrad Med J** 1985 Aug;61(718):741-4

Recovery in malignant hypertension presenting as acute renal failure. Isles CG, et al. **Q J Med** 1984 Autumn; 53(212):439-52

Acute renal failure: the tip of the iceberg? Power DA, et al. **Scott Med J** 1985 Jan;30(1):19-22

Continuous arteriovenous hemofiltration for acute renal failure. Bartlett RH. **Trans Am Soc Artif Intern Organs** 1984;30:705-6

Continuous arteriovenous hemodialysis: a new modality for treatment of acute renal failure. Geronemus R, et al. **Trans Am Soc Artif Intern Organs** 1984;30:610-3

Continuous arteriovenous hemofiltration: the answer to starvation in acute renal failure? Mault JR, et al. **Trans Am Soc Artif Intern Organs** 1984;30:203-6

Slow continuous ultrafiltration in hemodialysis resistant oliguric acute renal failure patients. Paganini EP, et al. **Trans Am Soc Artif Intern Organs** 1984;30:173-8

Hickman catheter for pediatric hemodialysis: a 3-year experience. So SK, et al. **Trans Am Soc Artif Intern Organs** 1984;30:619-23

Changes in pulmonary vascular tone during early hemodialysis. Walker F, et al. **Trans Am Soc Artif Intern Organs** 1984;30:168-72

Plasma exchange therapy in acute renal failure due to light chain myeloma. Zucchelli P, et al. **Trans Am Soc Artif Intern Organs** 1984;30:36-9

[Hemodialysis in a newborn infant with acute renal failure] Chevalier JY, et al. **Presse Med** 1984 Oct 13;13(36):2197-9 (Eng. Abstr.) **(Fre)**

[Continuous arteriovenous hemofiltration for the treatment of acute kidney failure] Höfliger N, et al. **Schweiz Med Wochenschr** 1985 Feb 16;115(7):242-7 (Eng. Abstr.) **(Ger)**

[Experiences of continuous irrigation peritoneal dialysis for the treatment of acute renal failure following open-heart surgery in the pediatric patients] Ota K, et al. **Kyobu Geka** 1984 Aug;37(8):575-85 (Eng. Abstr.) **(Jpn)**

[Advantage of amino acid free elementary diet for acute renal failure and azotemia after cardiovascular surgery] Kasegawa H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jun;32(6):856-62 (Eng. Abstr.) **(Jpn)**

[Characteristics of the treatment of pregnant women with septic abortion and pyelonephritis complicated by acute renal failure] Cherniakov VL, et al. **Akush Ginekol (Mosk)** 1985 May;(5):52-3 (Eng. Abstr.) **(Rus)**

[Differential approach to hemodialysis, hemosorption and isolated ultrafiltration in acute kidney-liver failure] Bukin VE, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):68-70 (Eng. Abstr.) **(Rus)**

[Pathogenesis of respiratory insufficiency in patients with acute renal failure treated by hemodialysis] Neimark MI. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):30-4 (Eng. Abstr.) **(Rus)**

[Pharmacokinetics of sisomicin during hemosorption and hemodialysis] Firsov AA, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):352-5 (Eng. Abstr.) **(Rus)**

[Use of a suspension of allogeneic liver cells in treating patients with acute liver and liver-kidney failure] Komarov BD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):34-7 (Eng. Abstr.) **(Rus)**

[Hemosorption in the combined treatment of leptospirosis patients in the liver-kidney failure stage] Asauliuk IK, et al. **Klin Med (Mosk)** 1985 Apr;63(4):114-7 **(Rus)**

[10 years' experience with intermittent peritoneal dialysis in children] Sagát T, et al. **Cesk Pediatr** 1985 Jan;40(1):3-7 (Eng. Abstr.) **(Slo)**

URINE

Fractional excretion of sodium as a guide to volume depletion during recovery from acute renal failure. Lam M, et al. **Am J Kidney Dis** 1985 Jul;6(1):18-21

Fractional excretion of sodium. Exceptions to its diagnostic value. Zarich S, et al. **Arch Intern Med** 1985 Jan; 145(1):108-12

Effect of urinary pH and diatrizoate on Bence Jones protein nephrotoxicity in the rat. Holland MD, et al. **Kidney Int** 1985 Jan;27(1):46-50

A prospective study of urinary ligandin in patients at risk of renal tubular injury. Sherman RA, et al. **Uremia Invest** 1984-85;8(2):111-5

[Urinary sediment in acute renal insufficiency. Diagnostic and prognostic value of phase-contrast microscopic examination] Bouffet E, et al. **Presse Med** 1984 Oct 27; 13(38):2307-10 (Eng. Abstr.) **(Fre)**

[The excreted sodium fraction: its use in the differential diagnosis of acute renal insufficiency in the infant dehydrated by diarrhea] Ojeda-Durán SA, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):318-23 (Eng. Abstr.) **(Spa)**

VETERINARY

Treatment of acute renal failure in horses [letter] Anderson TW. **J Am Vet Med Assoc** 1984 Oct 1;185(7):742

Gentamicin-associated acute renal failure in the dog. Brown SA, et al. **J Am Vet Med Assoc** 1985 Apr 1;186(7):686-90

Anemia and renal failure in a giant panda. Bush M, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1435-7

Hemodialysis of a dog with acute renal failure. DiBartola SP, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1323-6

Comments on vitamin K [letter] Mount ME, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1038-9

KIDNEY FAILURE, CHRONIC

see related
HEMODIALYSIS
UREMIA

Chronic renal failure. Kuruvila KC, et al. **Int Anesthesiol Clin** 1984 Spring;22(1):101-20 (71 ref.)

Computerized tomography of the brain in children with chronic renal failure. Steinberg A, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):121-6

Pseudohermaphroditism, glomerulopathy, and Wilms tumor (Drash syndrome): frequency in end-stage renal failure. Eddy AA, et al. **J Pediatr** 1985 Apr;106(4):584-7

Anesthetic management of a patient with Osler-Weber-Rendu disease and chronic renal failure. Plosker H, et al. **Mt Sinai J Med (NY)** 1984 Sep;51(5):610-3

[Pregnancy in young women with kidney failure] Zapletal Z, et al. **Cesk Pediatr** 1984 Aug;39(8):453-4 (Eng. Abstr.) **(Cze)**

[Diabetic nephropathy: diagnosis and clinical course] Vangelista A, et al. **Minerva Urol Nefrol** 1984 Oct-Dec; 36(4 Suppl):19-24 **(Ita)**

[Risk factors and predicting the outcome of surgery on late middle-aged urology patients with chronic renal failure] Kovel'skiĭ VF, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct; (5):47-51 (Eng. Abstr.) **(Rus)**

BLOOD

Pharmacokinetics of chloroquine in renal insufficiency. Salako LA, et al. **Afr J Med Med Sci** 1984 Sep-Dec; 13(3-4):177-82

Marked prolongation in disappearance half-time of plasma cholecystokinin-octapeptide in patients with hepatic cirrhosis. Kanayama S, et al. **Am J Gastroenterol** 1985 Jul; 80(7):557-60

Lethal hyperkalemia associated with severe hyperglycemia in diabetic patients with renal failure. Montoliu J, et al. **Am J Kidney Dis** 1985 Jan;5(1):47-8

Bioactive parathyroid hormone in canine progressive renal insufficiency. Grunbaum D, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 1):E442-8

Chronic renal failure: effect of hemodialysis on gastrointestinal hormones. Sirinek KR, et al. **Am J Surg** 1984 Dec;148(6):732-5

The pharmacokinetics and pharmacodynamics of atracurium in patients with and without renal failure. Fahey MR, et al. **Anesthesiology** 1984 Dec;61(6):699-702

Serum transcortin levels in patients with chronic hemodialysis. De Moor P, et al. **Ann Biol Clin (Paris)** 1985; 43(3):267-9

Middle molecules evaluation in chronic renal failure during conservative treatment. Severini G, et al. **Ann Ist Super Sanita** 1983;19(2-3):417-9

Plasma norepinephrine, epinephrine, and dopamine levels in end-stage renal disease. Effect of hemodialysis. Elias AN, et al. **Arch Intern Med** 1985 Jun;145(6):1013-5

Factors influencing erythrocyte sedimentation in patients with chronic renal failure. Shusterman N, et al. **Arch Intern Med** 1985 Oct;145(10):1796-9

Hemoglobin A1 in renal transplant recipients. Zawada ET Jr, et al. **Arch Intern Med** 1985 Jan;145(1):82-4

A model for erythropoiesis in experimental chronic renal failure. Mason C, et al. **Br J Haematol** 1984 Dec; 58(4):729-40

The anaemia of chronic renal failure in sheep: studies in vitro. Mladenovic J, et al. **Br J Haematol** 1984 Nov;58(3):491-500

Serum aluminium concentration and aluminium deposits in bone in patients receiving haemodialysis. Charhon SA, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1613-4

Platelet aggregation before and after hemodialysis in chronic renal insufficiency. Kageyama T, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):62-8

Vecuronium in renal failure. Bevan DR, et al. **Can Anaesth Soc J** 1984 Sep;31(5):491-6

Isolation and purification of human serum beta 2-microglobulin from the hemodialysis ultrafiltrate of patients with chronic renal failure. Chung TG, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):247-51

Serum and dialysate aluminium concentration of dialysed patients with chronic renal failure determined by atomic absorption spectrometry with a graphite furnace. Mazzeo-Farina A, et al. **Clin Chim Acta** 1985 Apr 30; 147(3):247-54

Hemodialysis does not affect erythrocyte sodium-lithium countertransport. Smith JB, et al. **Clin Chim Acta** 1984 Nov 30;143(3):275-9

Serum and lymphocyte, aluminum and nickel in chronic renal failure. Wills MR, et al. **Clin Chim Acta** 1985 Jan 30; 145(2):193-6

Red cell metabolism in renal failure--the effect of dialysis. Chu P, et al. **Clin Lab Haematol** 1985;7(1):1-5

Relative contribution of glucose intolerance, hyperazotemia and uremic acidosis to hemoglobin A1 levels in chronic renal failure [letter] De Marchi S, et al. **Clin Nephrol** 1984 Aug;22(2):105-6

Response of plasma vasopressin to changes in extracellular volume and/or plasma osmolality in patients on maintenance hemodialysis. Fasanella d'Amore T, et al. **Clin Nephrol** 1985 Jun;23(6):299-302

Fluorometric study of serum in patients with chronic renal failure. Hadjivassiliou AG, et al. **Clin Nephrol** 1984 Jul; 22(1):39-43

Activity of helix: destabilizing protein in lymphocytes of patients with glomerulopathies and with chronic renal insufficiency. Prutis KB, et al. **Clin Nephrol** 1985 Mar; 23(3):142-7

The hematological response to continuous ambulatory peritoneal dialysis. Saltissi D, et al. **Clin Nephrol** 1984 Jul; 22(1):21-7

Apolipoprotein pattern in patients with chronic renal failure. Attman PO, et al. **Contrib Nephrol** 1984;41:328-31

Lipid abnormalities in patients with different degrees of chronic renal failure. Cianciaruso B, et al. **Contrib Nephrol** 1984;41:438-40

Early changes of plasma lipid status and glucose tolerance during the course of chronic renal failure. Grützmacher P, et al. **Contrib Nephrol** 1984;41:332-6

The invalidity of monitoring transcutaneous oxygen tension in patients who have chronic renal failure. Armstrong JR, et al. **Henry Ford Hosp Med J** 1985;33(1):57-60

Serum phosphate concentration with relation to the hematocrit value in uremic patients on chronic hemodialysis. Gonella M, et al. **Int J Artif Organs** 1984 Nov;7(6):341-2

Elimination characteristics of bredinin from patients serum in hemodialysis. Takada K, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):197-9

Sex hormones in women on hemodialysis. Mantouvalos H, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):367-70

Serum lipid in chronic renal failure. Das BS, et al. **J Assoc Physicians India** 1984 Dec;32(12):1019-21

Efficient purification of human plasma beta 2-microglobulin from the haemodialysate of a patient with chronic renal failure by use of high-performance liquid chromatography. Chung TG, et al. **J Chromatogr** 1985 Apr 12;339(1):67-74

High pressure liquid chromatographic separation of an oxytocin/arginine vasotocin-like peptide from the plasma of patients with chronic renal failure. Amico JA, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):644-50

Plasma vitamin D metabolite concentrations in chronic renal failure: effect of oral administration of 25-hydroxyvitamin D3. Halloran BP, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1063-9

Mechanism of alteration of sodium potassium pump of erythrocytes from patients with chronic renal failure. Cheng JT, et al. **J Clin Invest** 1984 Nov;74(5):1811-20

Potential role of parathyroid hormone as an inhibitor of erythropoiesis in the anemia of renal failure. McGonigle RJ, et al. **J Lab Clin Med** 1984 Dec;104(6):1016-26

Vasoactive intestinal polypeptide (VIP) plasma levels in chronic renal failure. Piga M, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):77-80

Mechanisms of altered myocardial contractility during hemodialysis: importance of changes in the ionized calcium to plasma potassium ratio. Kramer W, et al. **Klin Wochenschr** 1985 Mar 15;63(6):272-8

Disposition of oxazepam in patients on maintenance hemodialysis. Ochs HR, et al. **Klin Wochenschr** 1984 Aug 16;62(16):765-7

Atrial natriuretic peptide in plasma of volume-overloaded children with chronic renal failure. Rascher W, et al. **Lancet** 1985 Aug 10;2(8450):303-5

Kinetics of morphine in patients with renal failure [letter] Säwe J, et al. **Lancet** 1985 Jul 27;2(8448):211

Carbamylation of hemoglobin in renal failure and clinical aspects. Oimomi M, et al. **Metabolism** 1984 Nov; 33(11):999-1002

Serum alpha-1-acid glycoprotein in chronic renal failure. Docci D, et al. **Nephron** 1985;39(3):160-3

Serum gastrin in chronic renal failure: morphological and physiological correlations. El Ghonaimy E, et al. **Nephron** 1985;39(2):86-94

Plasma antithrombin III concentration in patients on regular haemodialysis treatment. Jørgensen M, et al. **Nephron** 1985; 40(1):22-4

Apoprotein A-I and high density lipoprotein subfractions in patients with chronic renal failure receiving hemodialysis. Joven J, et al. **Nephron** 1985;40(4):451-4

Serum concentrations of vitamin D metabolites in different degrees of impaired renal function. Estimation of renal and extrarenal secretion rate of 24,25-dihydroxyvitamin D. Rickers H, et al. **Nephron** 1985;39(3):267-71

Effect of hemodialysis on plasma and erythrocyte phenylalanine levels in end-stage kidney patients. Stepniewski M, et al. **Nephron** 1985;39(3):189-93

Serum phosphate, parathyroid hormone and vitamin D metabolites in patients with chronic renal failure: effect of aluminum hydroxide administration. Takamoto S, et al. **Nephron** 1985;40(3):286-91

Effect of hemodialysis on red blood cell Na+-K+-ATPase activity in terminal renal failure [letter] Zannad F, et al. **Nephron** 1985;40(1):127-8

The changes of contact factors and related inhibitors of the patients with chronic hemodialysis and live diseases. Kondo S, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb; 48(1):223-8

Effects of naloxone infusion on gonadotrophin and prolactin concentrations in patients with chronic renal failure. Cossu M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:608-13

Raised serum nickel concentrations in chronic renal failure. Drazniowsky M, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:241-6

Human pancreatic polypeptide and somatostatin in chronic renal failure. Lugari R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:614-7

Protein binding of aluminium in normal subjects and in patients with chronic renal failure. Rahman H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:360-5

Renal osteodystrophy and metastatic calcification in long-term continuous ambulatory peritoneal dialysis. Cassidy MJ, et al. **Q J Med** 1985 Jan;54(213):29-48

Spurious phenobarbital levels by fluorescence polarization immunoassay using TDx analyzer in patients with renal disease. Bridges RR, et al. **Ther Drug Monit** 1984; 6(3):368-70

Fibrinolytic activators and inhibitors in terminal renal insufficiency and in anephric patients. Brommer EJ, et al. **Thromb Haemost** 1984 Dec 29;52(3):311-4

The effect of platelet number and haematocrit on whole blood thromboxane synthesis. Carter AJ, et al. **Thromb Haemost** 1985 Apr 22;53(2):225-7

Protein C activity in renal disease. Sørensen PJ, et al. **Thromb Res** 1985 May 1;38(3):243-9

Hemodialysis neutropenia and dialyzer reuse: role of the cleansing agent. Gagnon RF, et al. **Uremia Invest** 1984; 8(1):17-23

Plasma secretin, pancreozymin, and somatostatin-like hormone in chronic renal failure patients. Grekas DM, et al. **Uremia Invest** 1984-85;8(2):117-20

Metabolism of insulin in erythrocytes from renal failure patients on maintenance hemodialysis. Nerurkar SG, et al. **Uremia Invest** 1984-85;8(2):103-9

[Acquired dysfibrinogenemia in renal insufficiency and the effect of hemodialysis] Charvát J, et al. **Cas Lek Cesk** 1985 Mar 15;124(11):344-7 (Eng. Abstr.) **(Cze)**

[Hemocoagulation changes in patients with type I diabetes mellitus in renal insufficiency] Charvát J, et al. **Cas Lek Cesk** 1985 Jul 5;124(27):856-9 (Eng. Abstr.) **(Cze)**

[Plasma acetate and bicarbonate kinetics and intolerance to acetate during and after renal dialysis] Bruno R, et al. **Pathol Biol (Paris)** 1984 Sep;32(7):768-71 (Eng. Abstr.) **(Fre)**

[Changes in the plasma and erythrocyte concentrations of rubidium in patients with renal failure] Allain P, et al. **Presse Med** 1984 Oct 20;13(37):2249-51 (Eng. Abstr.) **(Fre)**

[Contrast medium elimination by hemodialysis] Baars HG, et al. **Z Urol Nephrol** 1984 Aug;77(8):473-81 (Eng. Abstr.) **(Ger)**

[Behavior of copper and manganese in serum in hemodialysis] Börner H, et al. **Z Urol Nephrol** 1984 Aug;77(8):483-9 (Eng. Abstr.) **(Ger)**

[Vitamin A status of patients with chronic renal failure in relation to renal osteodystrophy] Stein G, et al. **Z Urol Nephrol** 1985 Mar;78(3):159-65 (Eng. Abstr.) **(Ger)**

[Plasma profile of free amino acids in children with chronic renal insufficiency undergoing hemodialysis therapy] Penza R, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1955-9 (Eng. Abstr.) **(Ita)**

[Protoporphyrins and anemia in hemodialysed patients. Correlations with cutaneous changes] Barba A, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):109-11 (Eng. Abstr.) **(Ita)**

[Hyperchloremia and metabolic acidosis in chronic kidney failure] Enia G, et al. **Minerva Urol Nefrol** 1984 Jul-Sep; 36(3):167-70 (Eng. Abstr.) **(Ita)**

[Determination of polyamines in plasma and erythrocytes of patients with chronic renal failure] Saito A, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):183-8 (Eng. Abstr.) **(Jpn)**

[Gentamicin pharmacokinetics during hemodialysis] Takasugi M, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1509-19 (Eng. Abstr.) **(Jpn)**

[Serum apolipoprotein C-II and apolipoprotein E levels and their lipoprotein distributions in chronic hemodialysis] Yukawa S, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct; 26(10):1361-8 (Eng. Abstr.) **(Jpn)**

[Change of serum chromium level in chronic hemodialysis patients] Minami T, et al. **Yakugaku Zasshi** 1984 Jul; 104(7):816-8 (Eng. Abstr.) **(Jpn)**

[H3-cholesterol distribution in the erythrocytes and serum lipoproteins in patients with chronic renal failure] Zdrojewski Z. **Pol Arch Med Wewn** 1984 Apr;71(4):249-56 (Eng. Abstr.) **(Pol)**

[Hypergastrinemia in liver cirrhosis, renal failure and conditions after small-intestinal resection as a pathogenetic factor in peptic ulcer] Hrynkiewicz Z. **Wiad Lek** 1984 Apr 15;37(8):625-30 (35 ref.) (Eng. Abstr.) **(Pol)**

[Disorders of the kallikrein-kinin system in patients with chronic kidney failure during hemodialysis treatment] Neĭmark MI. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):42-5 (Eng. Abstr.) **(Rus)**

[Middle molecules as uremic toxins (status of the problem)] Gudim VI, et al. **Lab Delo** 1985;(3):145-51 (70 ref.) (Eng. Abstr.) **(Rus)**

[Treatment of hyperphosphatemia in chronic renal failure] Babarykin DA, et al. **Ter Arkh** 1984;56(7):64-6 (Eng. Abstr.) **(Rus)**

[Disorders of blood coagulation and fibrinolysis in patients with chronic renal failure during treatment with hemodialysis, and methods of correction] Neĭmark MI. **Ter Arkh** 1984;56(7):48-53 (Eng. Abstr.) **(Rus)**

[Phosphorus and calcium metabolism and its hormonal regulation in chronic kidney failure] Nikiforova NV, et al. **Ter Arkh** 1985;57(1):103-7 (Eng. Abstr.) **(Rus)**

[Proliferative activity of bone marrow erythroid cells in chronic renal failure] Sukiasova TG, et al. **Ter Arkh** 1984; 56(7):54-5 (Eng. Abstr.) **(Rus)**

[Disorders of lipid metabolism in children with chronic kidney insufficiency] Peco-Antić A. et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):747-60 (Eng. Abstr.) **(Sec)**

[Gonadal function in patients treated with continuous hemodialysis] Vukomanović M, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):785-92 (Eng. Abstr.) **(Sec)**

[Parameters of renal insufficiency in aged patients with normal values of creatinine in the blood] Duraković Z. **Acta Med Iugosl** 1985;39(2):125-34 (Eng. Abstr.) **(Scr)**

[Vitamin A and zinc in the blood in chronic kidney failure] Derzsiová K, et al. **Cas Lek Cesk** 1985 Apr 26; 124(17):530-3 (Eng. Abstr.) **(Slo)**

[Loss of amino acids caused by hemofiltration] Torrente J, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):192-4 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Lithium induced interstitial nephropathy associated with chronic renal failure. Reversibility and correlation between functional and structural changes. Ottosen PD, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Nov; 92(6):447-54

Renal failure and hemolytic anemia associated with mitomycin C. A case report. Price TM, et al. **Cancer** 1985 Jan 1;55(1):51-6

Chronic irreversible nephrotoxicity from cyclospo[illegible]. Rao KV, et al. **Nephron** 1985;41(1):75-7

Unilateral membranous glomerulopathy during captopril treatment. Smit AJ, et al. **Neth J Med** 1985;28(1):23-7

Renal failure in sisters with cystinuria and the management of amino acids in chronic hemodialysis. Hosokawa S, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):319-25

The abuse of analgesics leading to nephropathy in South Africa. Seedat YK, et al. **S Afr Med J** 1984 Nov 17; 66(20):751

[Diuretics and renal failure] Glasson P. **Rev Med Suisse Romande** 1984 Aug;104(8):589-91 **(Fre)**

[Nephrotoxicity of anti-tumor agents] Guelpa G. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):581-2 **(Fre)**

[Characteristics of terminal analgesics-induced nephropathy] Schwarz A, et al. **Schweiz Med Wochenschr** 1985 Jun 8; 115(23):790-5 (Eng. Abstr.) **(Ger)**

[Effects of combination chemotherapy with cis-diamminedichloroplatinum (II) (CDDP) on renal function in patients with urogenital malignancies] Kawamura J, et al. **Hinyokika Kiyo** 1985 Feb;31(2):207-21 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Uremic arterial disease in rabbits with special reference to the coronary arteries. Tvedegaard E, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Mar; 93(2):81-8

Changes following parathyroidectomy in hemodialyzed patients. Berland Y, et al. **Adv Exp Med Biol** 1984; 178:241-52

Liver changes and complications in adult polycystic kidney disease. Grünfeld JP, et al. **Adv Nephrol** 1985;14:1-20

Prevention and treatment of aluminum intoxication in chronic renal failure. Simon P, et al. **Adv Nephrol** 1985;14:439-78 (179 ref.)

A syndrome of chronic renal failure and XY gonadal dysgenesis in young phenotypic females without genital ambiguity. Haning RV Jr, et al. **Am J Kidney Dis** 1985 Jul;6(1):40-8

Diagnosis of depression in patients with end-stage renal disease. Comparative analysis. Smith MD, et al. **Am J Med** 1985 Aug;79(2):160-6

Disseminated visceral infection with Mycobacterium fortuitum in a hemodialysis patient. Montoliu J, et al. **Am J Nephrol** 1985;5(3):205-11

Chronic renal failure and severe diabetic vasculopathy in pregnancy. Reece EA, et al. **Am J Perinatol** 1984 Jul; 1(4):341-4

Prolonged neuromuscular blockade after renal transplantation. Bradley JP, et al. **Anaesth Intensive Care** 1985 May;13(2):196-8

Renal failure and angiodysplasia of the colon [letter] Flynn CT, et al. **Ann Intern Med** 1985 Jul;103(1):154

Pulmonic valve insufficiency: a common cause of transient diastolic murmurs in renal failure. Péres JE, et al. **Ann Intern Med** 1985 Oct;103(4):497-502

Upper gastrointestinal bleeding in patients with chronic renal failure. Zuckerman GR, et al. **Ann Intern Med** 1985 May; 102(5):588-92

Parathyroid surgery in patients with renal failure. Delmonico FL, et al. **Ann Surg** 1984 Nov;200(5):644-7

Perforating pseudoxanthoma elasticum associated with chronic renal failure and hemodialysis. Nickoloff BJ, et al. **Arch Dermatol** 1985 Oct;121(10):1321-2

Acquired cystic disease in kidneys of patients with chronic renal failure [letter] Purandare VV, et al. **Artif Organs** 1984 Nov;8(4):501

Who gets renal bone disease before beginning dialysis? Cundy T, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):271-5

Suppression of secondary hyperparathyroidism in children with chronic renal failure by high dose phosphate binders: calcium carbonate versus aluminium hydroxide. Mak RH, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):623-7

Spleen size in chronic renal failure. Platts MM, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1415-8

Pregnancy in renal transplantation. Clinical aspects. Casciani CU, et al. **Clin Exp Obstet Gynecol** 1984;11(4):136-40

Treatment of arterial hypertension with nifedipine in patients with chronic renal insufficiency. Ambroso GC, et al. **Clin Nephrol** 1985 Jan;23(1):41-5

Patients with chronic renal failure are not at a risk of developing chronic peptic ulcers. Andriulli A, et al. **Clin Nephrol** 1985 May;23(5):245-8

Cytomegalovirus infection in dialysis patients. Hardiman AE, et al. **Clin Nephrol** 1985 Jan;23(1):12-7

Pruritus and mast cell proliferation of the skin in end stage renal failure. Matsumoto M, et al. **Clin Nephrol** 1985 Jun; 23(6):285-8

Slow-release nifedipine for treatment of arterial hypertension in patients with chronic renal failure. Ambroso GC, et al. **Contrib Nephrol** 1984;41:304-5

Prevention of intra- and postdialytic hypertensive crises by captopril. Bazzato G, et al. **Contrib Nephrol** 1984;41:292-8

Captopril in the treatment of hypertension in predialytic end-stage renal disease. Delin K, et al. **Contrib Nephrol** 1984;41:299-303

Hyperlipidemia in renal failure: phenotypes and pathogenetic mechanisms. Riesen WF, et al. **Contrib Nephrol** 1984; 41:312-20

Assessment of autonomic neuropathy in diabetic and nondiabetic uremic patients using tests of cardiovascular reflex function. Sturani A, et al. **Contrib Nephrol** 1984; 41:113-8

Cardiovascular-related causes of death and the fate of patients with renovascular disease. Wing AJ, et al. **Contrib Nephrol** 1984;41:306-11

Acquired cystic disease of the kidneys in chronic hemodialyzed and renal transplant patients. Minar E, et al. **Eur Urol** 1984;10(4):245-8

Prevalence of gastroduodenal lesions in uremic patients undergoing dialysis and after renal transplantation. Musola R, et al. **Gastrointest Endosc** 1984 Dec;30(6):343-6

Leukopenia due to ticlopidine in a patient with chronic renal failure [letter] Bedani PL, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):641-2

Seven cases of subtotal parathyroidectomy for renal hyperparathyroidism. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):663-7

Surgical management of hemodialysis patients. Spitzberg DH. **Indiana Med** 1985 Apr;78(4):308-12

Deranged mineral content in the bone of patients with chronic renal failure, estimated by computed tomography. Marumo F, et al. **Int J Artif Organs** 1985 Mar;8(2):95-100

Uncontrollable convulsions responsive to pyridoxal phosphate in a uremic child. Joshioka T, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):221-2

The dental status of children with chronic renal failure. Wolff A, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):127-32

Hematopoietic system in paraplegic patients with end-stage renal disease. Vaziri ND. **J Am Paraplegia Soc** 1984 Jul; 7(3):47-8

Anabolic steroids in severe chronic renal failure. Malhotra KK, et al. **J Assoc Physicians India** 1984 Oct;32(10):878-80

Marked suppression of secondary hyperparathyroidism by intravenous administration of 1,25-dihydroxy-cholecalciferol in uremic patients. Slatopolsky E, et al. **J Clin Invest** 1984 Dec;74(6):2136-43

Comparison of imaging methods for diagnosing enlarged parathyroid glands in chronic renal failure. Takagi H, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):733-7

Podiatric management of the patient with renal disease. Fox HR. **J Foot Surg** 1985 Mar-Apr;24(2):148-53

Sulphinpyrazone in cardiovascular elderly azotemic patients: a proposal of a 'guided' incremental dose schedule. Palummeri E, et al. **J Int Med Res** 1984;12(5):271-6

Neurologic-developmental sequelae of chronic renal failure in infancy. McGraw ME, et al. **J Pediatr** 1985 Apr; 106(4):579-83

Total parathyroidectomy and autotransplantation for tertiary hyperparathyroidism in children with chronic renal failure. Moazam F, et al. **J Pediatr Surg** 1984 Aug;19(4):389-93

Bypass grafting in patients with renal failure [letter] Rubio-Alvarez J, et al. **J Thorac Cardiovasc Surg** 1985 Aug; 90(2):309-10

Clinical features and management of nifedipine overdosage in a patient with renal insufficiency. Schiffl H, et al. **J Toxicol Clin Toxicol** 1984;22(4):387-95

Pyocystis, pyonephrosis and perinephric abscess in end stage renal disease. Lees JA, et al. **J Urol** 1985 Oct;134(4):716-9

Penile gangrene: a complication of secondary hyperparathyroidism from chronic renal failure. Lowe FC, et al. **J Urol** 1984 Dec;132(6):1189-91

Urinary tract infection in oliguric patients with chronic renal failure. Saitoh H, et al. **J Urol** 1985 Jun;133(6):990-3

Osteoclast enlargement in endstage renal disease. Kaye M, et al. **Kidney Int** 1985 Mar;27(3):574-81

Vancomycin, red neck syndrome, and fits [letter] Bailie GR, et al. **Lancet** 1985 Aug 3;2(8449):279-80

End-stage renal failure in diabetics [letter] Daggett P. **Lancet** 1985 Feb 23;1(8426):466

Effects of 25-OHD3 on renal function in pediatric patients with chronic renal failure. Mazur AT, et al. **Miner Electrolyte Metab** 1984;10(6):351-8

Renal osteodystrophy in CAPD patients. Zucchelli P, et al. **Miner Electrolyte Metab** 1984;10(5):326-32

Hypercalcemia and elevated 1,25-(OH)2D levels in a patient with end-stage renal disease and active tuberculosis [letter] Fuss M, et al. **N Engl J Med** 1985 Jun 6;312(23):1520-1

Hypercalcemia and elevated 1,25-dihydroxyvitamin D levels in a patient with end-stage renal disease and active tuberculosis. Gkonos PJ, et al. **N Engl J Med** 1984 Dec 27;311(26):1683-5

Effect of hyperparathyroidism on cardiac function in patients with end-stage renal disease. Gafter U, et al. **Nephron** 1985; 41(1):30-3

Autonomic neuropathy in chronic renal insufficiency. Comparative analysis of diabetic and nondiabetic patients. Heidbreder E, et al. **Nephron** 1985;41(1):50-6

Sleep apnea in hemodialysis patients: the lack of testosterone effect on its pathogenesis. Millman RP, et al. **Nephron** 1985; 40(4):407-10

Hypergastrinemia and achlorhydria in chronic renal failure. Muto S, et al. **Nephron** 1985;40(2):143-8

Low incidence of hyperparathyroidism in diabetic renal failure. Aubia J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:902-8

Myocardial studies in haemodialysis patients. Dudczak R, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:251-6

Effect of prolonged renal dysfunction on intravascular and extravascular pulmonary fluid volumes during left atrial hypertension. Slutsky RA, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):25-31

Parathyroidectomy in chronic renal failure. de Francisco AM, et al. **Q J Med** 1985 Jun;55(218):289-315

Renal carcinoma and dialysis in end-stage renal disease. Olsson PJ, et al. **South Med J** 1985 May;78(5):507-12

Coagulopathy and hemorrhage associated with cefoperazone therapy in a patient with renal failure. Shenkenberg TD, et al. **South Med J** 1985 Apr;78(4):488-9

Resin hemoperfusion for severe N-acetylprocainamide toxicity in patients with renal failure. Raja R, et al. **Trans Am Soc Artif Intern Organs** 1984;30:18-20

Prevalence and pathogenesis of impotence in one hundred uremic men. Rodger RS, et al. **Uremia Invest** 1984-85; 8(2):89-96

[Calcification in the heart. III. Calcification of the myocardium in chronic uremia] Steiner I. **Cesk Patol** 1985 May;21(2):102-7 (Eng. Abstr.) **(Cze)**

[Infectious osseous complications in patients on chronic hemodialysis therapy] Věsin S, et al. **Cesk Radiol** 1985 May; 39(3):173-80 (Eng. Abstr.) **(Cze)**

[Carpal tunnel syndrome with digital ulcerations in a patient with renal insufficiency on periodic hemodialysis] Adoue D, et al. **Ann Dermatol Venereol** 1984;111(11):1019-21 **(Fre)**

[Fluorinated osteosis of water and soil origin in a renal insufficiency patient. Apropos of a case with histomorphometric analysis] Hurault de Ligny B, et al. **Arch Anat Cytol Pathol** 1984;32(3):179-83 (Eng. Abstr.) **(Fre)**

[Open heart cardiac surgery in severe renal insufficiency and dialysis patients] Pavie A, et al. **Arch Mal Coeur** 1985 Feb; 78(2):242-7 (Eng. Abstr.) **(Fre)**

[Heart surgery with extracorporeal circulation in hemodialyzed patients with renal insufficiency] Train M, et al. **Cah Anesthesiol** 1984 Mar;32(3):219-23 (Eng. Abstr.) **(Fre)**

[Hyperparathyroidism secondary to renal insufficiency: anatomo-clinical relations and the potential role of an aluminum overload] Mendes V, et al. **Nephrologie** 1984; 5(2):65-70 (Eng. Abstr.) **(Fre)**

[Kidney failure patients undergoing hemodialysis with aluminum poisoning after renal transplantation: electro-clinical aspects] Vecchierini-Blineau MF, et al.

Rev Electroencephalogr Neurophysiol Clin 1985 Apr; 14(4):351-8 (Eng. Abstr.) **(Fre)**

[Gastroduodenal mucosa in chronic renal insufficiency. Histoendoscopic and hormonal studies in 27 patients] Saffar H, et al. **Tunis Med** 1984 Mar-Apr;62(2):119-23 (Eng. Abstr.) **(Fre)**

[The association of diabetes mellitus, chronic renal insufficiency and reactional perforating collagenosis: apropos of a case] Panzini H, et al. **Union Med Can** 1985 May;114(5):411-4 (Eng. Abstr.) **(Fre)**

[Transluminal coronary angioplasty in patients with chronic kidney failure] Kober G, et al. **Dtsch Med Wochenschr** 1985 Jan 25;110(4):129-34 (Eng. Abstr.) **(Ger)**

[Carpal tunnel syndrome in dialysis patients] Stolke D, et al. **Nervenarzt** 1985 Jun;56(6):331-3 **(Ger)**

[Autonomic cardiac neuropathy in dialysis patients and kidney insufficiency patients] Kleint V. **Z Gesamte Inn Med** 1985 Jan 1;40(1):12-7 (Eng. Abstr.) **(Ger)**

[Auditory evoked potentials of the brainstem in the diagnosis and evaluation of states of nervous involvement in chronic nephropathies] Piemonte M. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):475-88 (Eng. Abstr.) **(Ita)**

[Fiber-rich diet in the treatment of diabetics in renal failure] Parillo M, et al. **Minerva Endocrinol** 1984 Apr-Jun; 9(2):317-9 (Eng. Abstr.) **(Ita)**

[Variations in serum levels of phosphorus (iP), calcium (Ca), calcitonin (iCT) and parathormone (iPTH) in patients under periodic hemodialysis. Effects of exogenous calcitonin therapy] Bucciante G, et al. **Minerva Med** 1985 Mar 10;76(9-10):415-7 **(Ita)**

[Osteodensitometry: new interpretive technics of an old test] d'Amico P, et al. **Minerva Med** 1985 Mar 10;76(9-10):441-4 **(Ita)**

[Correlations between osteodensitometry and parameters of uremic osteodystrophy] Sforzini S, et al. **Minerva Med** 1985 Mar 10;76(9-10):445-8 **(Ita)**

[Therapeutic indications obtained from short- and medium-term biohumoral changes after parathyroidectomy] Sforzini S, et al. **Minerva Med** 1985 Mar 10;76(9-10):393-6 **(Ita)**

[2 cases of renal cell carcinoma on long-term hemodialysis] Takahara M, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1239-44 (Eng. Abstr.) **(Jpn)**

[Histopathological study of the parathyroid gland in renal hyperparathyroidism] Tominaga Y, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):630-9 (Eng. Abstr.) **(Jpn)**

[Two cases of sudden deafness in hemodialysis patients] Matsukawa S, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb; 27(2):249-55 (Eng. Abstr.) **(Jpn)**

[Clinical studies on surgical treatment of renal hyperparathyroidism] Maeda M. **Nippon Naibunpi Gakkai Zasshi** 1984 Mar 20;60(3):207-27 (Eng. Abstr.) **(Jpn)**

[Results of captopril therapy of arterial hypertension in children with terminal renal failure] Gura C, et al. **Pediatr Pol** 1985 Feb;60(2):177-85 (Eng. Abstr.) **(Pol)**

[Osteomalacia in renal failure] Galus K. **Pol Arch Med Wewn** 1984 May;71(5):273-80 **(Pol)**

[Labetalol and guanfacine in the treatment of arterial hypertension in patients with chronic renal failure] Lifshits NL, et al. **Ter Arkh** 1984;56(7):66-9 (Eng. Abstr.) **(Rus)**

[Treatment of pruritus and polyneuropathy in patients with chronic renal failure by intermittent plasmapheresis] Vorob'ev PA, et al. **Ter Arkh** 1984;56(11):91-4 (Eng. Abstr.) **(Rus)**

[Bone and soft tissue damage in patients with chronic renal failure during treatment by systematic hemodialysis] Nenov D, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):53-6 **(Rus)**

[Potentials for the early diagnosis of renal osteodystrophy in patients with chronic kidney failure during treatment by systematic hemodialysis] Shcherbakova EO, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):58-60 (Eng. Abstr.) **(Rus)**

[Multiple para-articular calcifications in patients with chronic renal insufficiency treated with hemodialysis and kidney transplantation] Rabkin IKh, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):45-9 (Eng. Abstr.) **(Rus)**

[Clinical variants of cerebral disorders in chronic renal failure] Rudenko TV. **Vrach Delo** 1985 Mar;(3):68-70 (Eng. Abstr.) **(Rus)**

[Use of antihypertensives in advanced renal insufficiency] Gašparović V. **Lijec Vjesn** 1985 May;107(5):217-8 **(Scr)**

[Nutritional status of patients before kidney transplantation] Borošová E, et al. **Vnitr Lek** 1984 Oct;30(10):968-73 (Eng. Abstr.) **(Slo)**

[Chronic renal insufficiency and porphyria: contributions apropos of a case] Rico Sánchez J, et al. **Med Clin (Barc)** 1984 Dec 1;83(18):762-5 (Eng. Abstr.) **(Spa)**

[Association between hyperparathyroidism secondary to chronic renal insufficiency and papillary carcinoma of the thyroid (letter)] Roma J, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):292-3 **(Spa)**

[Chronic kidney failure, hyperproteinemia and vascular risk] Rubiés-Prat J. **Med Clin (Barc)** 1984 Jun 23;83(4):173-5 **(Spa)**

DIAGNOSIS

Recurrent fractures, hypophosphatemia, and renal insufficiency in an elderly woman. Glassock RJ, et al. **Am J Nephrol** 1984;4(5):329-35

Bone disease in renal failure. Clinical and histomorphometric studies. Nilsson P. **Scand J Urol Nephrol [Suppl]** 1984; 84:1-68

Evaluation of renal failure with ultrasound. Leu ML, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):68-79

Uremia due to diabetic nephropathy [clinical conference] Friedman EA. **Trans Am Soc Artif Intern Organs** 1984; 30:280-8

[Amylase and lipase as reference values for the differential diagnosis of chronic kidney failure and pancreatitis] Mähr G, et al. **Acta Med Austriaca** 1985;12(2):51-7 (Eng. Abstr.) **(Ger)**

[Stage diagnosis of kidney insufficiency] Sieberth HG. **Internist (Berlin)** 1985 Mar;26(3):147-54 **(Ger)**

[Diagnostic value of lysozyme determination in the urine] Kutter D. **Z Med Lab Diagn** 1985;26(1):21-7 **(Ger)**

[Progression of chronic kidney failure secondary to diabetic nephropathy] Bedani PL, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):171-8 (Eng. Abstr.) **(Ita)**

[Renal morphologic examination by ultrasonotomography:--ultrasonic evaluation of the kidney size and renal parenchymal echogenicity in normal subjects and patients with chronic renal failure] Sawamura Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):189-96 (Eng. Abstr.) **(Jpn)**

[Beta 2-microglobulin test in the diagnosis of chronic kidney diseases] Trusov VV, et al. **Med Radiol (Mosk)** 1985 Jan; 30(1):30-4 (Eng. Abstr.) **(Rus)**

DIET THERAPY

Low protein diets in chronic renal disease [letter] Williams AJ, et al. **Br Med J [Clin Res]** 1984 Dec 15; 289(6459):1696-7

Limited-protein diet in chronic renal disease [letter] Taylor P. **Can Med Assoc J** 1985 Sep 15;133(6):548-50

Treatment of chronic renal failure with dietary fiber [letter] Yatzidis H, et al. **Clin Nephrol** 1985 Feb;23(2):106-7

Diet and dialysis patients--theory versus practice. Musselmann L. **Contrib Nephrol** 1985;44:137-47

Update paper: Dietary treatment of chronic renal failure in adults. BDA Renal Dialysis Group. **Hum Nutr Appl Nutr** 1984 Oct;38(5):390-4

Effect of egg supplements on serum lipids in uremic patients. Green EM, et al. **J Am Diet Assoc** 1985 Mar;85(3):355-7

A method for estimating nitrogen intake of patients with chronic renal failure. Maroni BJ, et al. **Kidney Int** 1985 Jan;27(1):58-65

Progression of renal failure in patients with renal disease of diverse etiology on protein-restricted diet. Oldrizzi L, et al. **Kidney Int** 1985 Mar;27(3):553-7

Protein restriction in chronic renal failure [letter] **Lancet** 1985 Jan 12;1(8420):102

Prospective randomised trial of early dietary protein restriction in chronic renal failure. Rosman JB, et al. **Lancet** 1984 Dec 8;2(8415):1291-6

Supplemental low-protein diet in chronic renal failure [letter] **N Engl J Med** 1984 Dec 6;311(23):1517-8

Is zinc status a problem in the dietary treatment of chronic renal failure? [letter] Gilli P, et al. **Nephron** 1985;40(3):382

Dietary treatment of chronic renal failure: why is it not used more frequently? Giovannetti S. **Nephron** 1985;40(1):1-12

Early protein restriction in chronic renal failure. Rosman JB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:567-73

Alteration of the course of chronic renal failure by dietary protein restriction. Williams AJ, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:604-7

Effects of dietary protein restriction on the course of early renal failure. Zakar G. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:600-3

[Renal failure and the protein-restricted diet] Leski M. **Rev Med Suisse Romande** 1984 Aug;104(8):595-7 **(Fre)**

[Renal insufficiency and low-protein diets] Guelpa G. **Schweiz Rundsch Med Prax** 1985 Mar 26;74(13):323-7 (Eng. Abstr.) **(Fre)**

[Prospective studies of diet compliance in the chronic hemodialysis program] Kron J, et al. **Z Urol Nephrol** 1984 Aug;77(8):495-500 (Eng. Abstr.) **(Ger)**

[Diet therapy in chronic renal insufficiency. Scheme of a standard diet] Boschi V, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):201-8 (Eng. Abstr.) **(Ita)**

[Diet and the progression of chronic renal insufficiency] Maschio G, et al. **Minerva Urol Nefrol** 1984 Oct-Dec; 36(4):263-5 **(Ita)**

[Current role of dietetic treatment in chronic renal insufficiency] Oldrizzi L, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):15-7 **(Ita)**

[Diet therapy of patients with chronic renal failure in its initial stage] Agadzhanov SA. **Vopr Pitan** 1984 Nov-Dec; (6):28-31 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Hyperkalemia complicating digoxin toxicity in a patient with renal failure. Papadakis MA, et al. **Am J Kidney Dis** 1985 Jan;5(1):64-6

Pseudohyperparathyroidism. Syndrome associated with aluminum intoxication in patients with renal failure. Sherrard DJ, et al. **Am J Med** 1985 Jul;79(1):127-30

Amelioration of hyperchloremic acidosis with furosemide therapy in patients with chronic renal insufficiency and type 4 renal tubular acidosis. Sebastian A, et al. **Am J Nephrol** 1984;4(5):287-300

Metoprolol-induced hyperkalemia in a diabetic with advanced renal failure [letter] Ashouri OS. **Arch Intern Med** 1985 Mar;145(3):578

Dihydrocodeine in renal failure [letter] Brown AM. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1287

Effect of orally administered rhubarb extract in rats with chronic renal failure. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4506-13

Practical prospects for the therapeutic use of essential amino acid analogues. Richards P. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):181-3

Limitation on the use of amiloride in early renal failure. Knauf H, et al. **Eur J Clin Pharmacol** 1985;28(1):61-6

Effect of treatment with dihydrotachysterol on renal function in patients with chronic renal failure. Cordy PE, et al. **Miner Electrolyte Metab** 1984;10(5):281-5

UVA photosensitivity in photosensitive bullous disease of chronic renal failure. Anderson CD, et al. **Photodermatol** 1985 Apr;2(2):111-4

Effect of zinc treatment on cell mediated immunity of chronic renal failure patients. Grekas D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:825-9

Effects of acute and chronic ranitidine administration on renal function and parathyroid activity in chronic renal failure. Pozet N, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:761-4

Captopril slows the progression of chronic renal disease in partially nephrectomized rats. Hall RL, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):517-26

Diuretic effect and pharmacokinetic data observed at different stages of chronic renal failure with 240 mg of muzolimine. Baumelou A, et al. **Z Kardiol** 1985;74 Suppl 2:88-91

Muzolimine in advanced chronic renal failure. Mastrangelo F, et al. **Z Kardiol** 1985;74 Suppl 2:109-14

Step-dose of muzolimine at different stages of chronic renal failure: comparison with furosemide. Morachiello P, et al. **Z Kardiol** 1985;74 Suppl 2:115-20

Short-term, high-dose muzolimine treatment in patients with chronic renal failure and acute fluid retention. Orsoni G, et al. **Z Kardiol** 1985;74 Suppl 2:121-4

Muzolimine in chronic renal failure: a study in 16 patients. Stratta P, et al. **Z Kardiol** 1985;74 Suppl 2:125-8

[Reduced protein diet and the progression of kidney insufficiency] Donker AJ. **Ned Tijdschr Geneeskd** 1985 Jun 8;129(23):1079-81 **(Dut)**

[Branched-chain amino acids and their ketoanalogs: therapeutic uses in patients with chronic liver or kidney failure] Bode JC. **Internist (Berlin)** 1985 Jul;26(7):388-98 **(Ger)**

[Diuretics and antihypertensive agents in chronic kidney insufficiency: comparison of the effects of metolazone and furosemide] Groth H, et al. **Schweiz Med Wochenschr** 1985 Jan 12;115(2):41-5 (Eng. Abstr.) **(Ger)**

[Controlling renal osteopathy with keto acids] Schmicker R, et al. **Z Urol Nephrol** 1984 Nov;77(11):661-70 (Eng. Abstr.) **(Ger)**

[Nifedipine in chronic kidney failure] Ponticelli C. **Boll Soc Ital Cardiol** 1984 Sep-Oct;29(9-10):447-8 **(Ita)**

[Lactulose therapy for chronic renal failure] Miyazaki M, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1091-8 (Eng. Abstr.) **(Jpn)**

[Clinical application of diuretics: chronic kidney failure] Sugino N, et al. **Nippon Rinsho** 1984 Sep;42(9):2057-63 (6 ref.) **(Jpn)**

[Peroral sorbents in the treatment of chronic renal failure] Shostka GD, et al. **Ter Arkh** 1984;56(7):58-63 (Eng. Abstr.) **(Rus)**

ECONOMICS

The public cost of kidney disease. Ruchlin HS. **Soc Work Health Care** 1984 Summer;9(4):1-9

ENZYMOLOGY

Sodium potassium ATPase activity in human rectal mucosa with and without renal insufficiency. Hené RJ, et al. **Am J Kidney Dis** 1985 Mar;5(3):177-81

Aminopeptidase activity in the livers of rats with experimental chronic renal failure. Ogura M, et al. **Biochem Int** 1984 Nov;9(5):621-4

Studies of phenylalanine hydroxylase activity in patients with chronic renal failure: the effect of haemodialysis. Stonier C, et al. **Clin Chim Acta** 1984 Nov 15;143(2):115-22

Relation between serum group II pepsinogen concentration and the degree of Brunner's gland hyperplasia in patients with chronic renal failure. Paimela H, et al. **Gut** 1985 Feb; 26(2):198-202

Increased serum angiotensin-converting enzyme in end-stage renal disease [letter] Rumpf KW, et al. **Nephron** 1985; 40(2):248-9

Serum cysteine proteinase inhibitors with special reference to kidney failure. Hopsu-Havu VK, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):11-6

An investigation of biochemical and radiographic signs of hyperparathyroidism in chronic renal disease. Nilsson P, et al. **Scand J Urol Nephrol [Suppl]** 1984;84:11-25

[Erythrocyte enzymes in chronic kidney failure] Khlebarova M, et al. **Vutr Boles** 1985;24(1):120-7 (Eng. Abstr.) **(Bul)**

[Immunoreactive trypsin, trypsin inhibitors, amylase and lipase in the blood of patients in a regular hemodialysis program] St'astná R, et al. **Vnitr Lek** 1985 May;31(5):457-63 (Eng. Abstr.) **(Cze)**

[Oxalic acid metabolism in chronic renal failure] Balcke P. **Wien Klin Wochenschr [Suppl]** 1985;160:1-15 (Eng. Abstr.) **(Ger)**

[Catalytic activity of transketolase in erythrocytes in chronic kidney failure] Mydlík M, et al. **Vnitr Lek** 1984 Jul;30(7):642-8 (Eng. Abstr.) **(Slo)**

[Catalytic activity of aspartate aminotransferase in erythrocytes in chronic kidney failure] Mydlík M, et al. **Vnitr Lek** 1985 Jan;31(1):74-82 (Eng. Abstr.) **(Slo)**

ETIOLOGY

Polymeric Bence Jones proteins in serum in myeloma patients with renal insufficiency. Sølling K, et al. **Acta Med Scand** 1984;216(5):495-502

The role of dietary protein in the progression and symptomatology of chronic renal failure. Blachley JD. **Am J Med Sci** 1984 Dec;288(5):228-34 (46 ref.)

Does kidney infection cause renal failure? Kunin CM. **Annu Rev Med** 1985;36:165-76 (35 ref.)

Rapidly progressive glomerulonephritis accompanying Legionnaires' disease. Wegmüller E, et al. **Arch Intern Med** 1985 Sep;145(9):1711-3

Intrinsic coagulation pathway in end-stage renal disease associated with spinal cord injury treated with hemodialysis. Vaziri ND, et al. **Artif Organs** 1985 May;9(2):155-9

Renal failure in infancy due to over-production of urate. Batch JA, et al. **Aust NZ J Med** 1984 Dec;14(6):852-4

Tetanus and renal failure. Raman GV, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):275-7

Primary hyperoxaluria. A frequently unappreciated cause of chronic renal failure. Steinmuller DR. **Cleve Clin Q** 1985 Spring;52(1):27-30

An experimental model of chronic renal failure in mice. Gibb IA, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):276-84

End-stage renal failure in systemic lupus erythematosus with nephritis. Correia P, et al. **Clin Nephrol** 1984 Dec;22(6):293-302

Oxalosis in infancy. de Zegher FE, et al. **Clin Nephrol** 1984 Sep;22(3):114-20 (33 ref.)

Progression to renal failure after nephrotoxic nephritis in rats studied by renal transplantation. El Nahas AM, et al. **Clin Sci** 1985 Jan;68(1):15-21

Hyperoxaluria and hyperoxalemia: one more concern for the nephrologist. Mitwalli A, et al. **Int J Artif Organs** 1985 Mar;8(2):71-4 (46 ref.)

Primary hyperoxaluria: an important cause of renal failure in infancy. Leumann EP. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):13-6

Chronic renal failure with gout: a marker of chronic lead poisoning. Craswell PW, et al. **Kidney Int** 1984 Sep;26(3):319-23

Diagnosing obstruction in renal failure [letter] **Lancet** 1984 Oct 13;2(8407):848-9

Induction of chronic renal failure in the mouse: a new model. Gabizon D, et al. **Nephron** 1985;40(3):349-52

Hypertension in blacks. Is it a different disease? Meggs LG. **NY State J Med** 1985 Apr;85(4):160-1

End-stage renal failure due to familial hypokalaemic interstitial nephritis with identical HLA tissue types. Wallace MR, et al. **NZ Med J** 1985 Jan 23;98(771):5-7

Adenomectomy in a patient on regular dialysis treatment. Minar E, et al. **Urol Int** 1984;39(4):243-5

[Addison's disease and crisis in chronic kidney failure] Martínek V, et al. **Cas Lek Cesk** 1985 Apr 5;124(14):438-41 (Eng. Abstr.) **(Cze)**

[Role of echography in the study of renal insufficiency in adults] Moreau JF, et al. **Ann Radiol (Paris)** 1984 Nov;27(7):589-92 (Eng. Abstr.) **(Fre)**

[Hypercalcemic sarcoidosis and primary hyperparathyroidism disclosed by renal insufficiency] Mignot P, et al. **Rev Med Interne** 1984 Sep;5(3):239-43 (Eng. Abstr.) **(Fre)**

[Unusual course of renal osteopathy with Paget's disease and aluminum deposits] Ringe JD, et al. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):411-5 (Eng. Abstr.) **(Ger)**

[Coincidence of kidney damage and diagnostic parameters in neurogenic bladder emptying disorder. An analysis of 76 cases with myelodysplasia] Pfestorf B. **Kinderarztl Prax** 1985 May;53(5):235-41 (Eng. Abstr.) **(Ger)**

[Irreversible renal failure following minimal change nephrosis] Gekle D, et al. **Monatsschr Kinderheilkd** 1984 Sep;132(9):680-2 (Eng. Abstr.) **(Ger)**

[Reversible end-stage renal failure in systemic lupus erythematosus] Schurr D, et al. **Harefuah** 1984 Nov 15;107(10):281-2 (Eng. Abstr.) **(Heb)**

[Anatomo-clinical prognostic indices in IgA nephropathy. Prospective study of 41 cases] Vagelli G, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):273-6 (Eng. Abstr.) **(Ita)**

[Nephropathy caused by intermittent acute porphyria] Guarini G, et al. **Recenti Prog Med** 1984 Sep;75(9):810-5 (Eng. Abstr.) **(Ita)**

[An autopsy case of cystinosis with chronic renal failure and primary hypothyroidism] Matsumoto M, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1183-8 **(Jpn)**

[Renal failure after cesarean section] Szymański W, et al. **Ginekol Pol** 1984 Nov;55(11):875-9 (Eng. Abstr.) **(Pol)**

[Prevention of reflux nephropathy as a cause of chronic renal failure in children] Krzeska I. **Pediatr Pol** 1984 Sep;59(9):757-70 (Eng. Abstr.) **(Pol)**

[Etiological factors and evolutionary characteristics of 1275 cases of chronic kidney failure] Buligescu L, et al. **Rev Med Interna [Med Interna]** 1984 Sep-Oct;36(5):443-56 (Eng. Abstr.) **(Rum)**

[Role of lesions of the renal tubules and insterstices in the progression of renal failure] Riabov SI, et al. **Klin Med (Mosk)** 1984 Jul;62(7):55-8 (Eng. Abstr.) **(Rus)**

[Rate of progression of intracapillary chronic glomerulonephritis depending on the clinico-morphological type of the disease] Ratner MIa, et al. **Ter Arkh** 1984;56(7):11-5 (Eng. Abstr.) **(Rus)**

[Oxalosis--a hereditary metabolic disease as a cause of terminal renal insufficiency] Frančišković V, et al. **Acta Chir Iugosl** 1984 Mar;31(2):235-44 (Eng. Abstr.) **(Scr)**

[Extracapillary proliferation and pulmonary hemorrhage in the development of idiopathic membranous nephropathy] Arrizabalaga P, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):377-80 (Eng. Abstr.) **(Spa)**

[Familial diabetes insipidus, ureterohydronephrosis and terminal renal insufficiency] Pérez Mijares R, et al. **Rev Clin Esp** 1985 Jan;176(1):35-8 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

C3 polymorphism, HLA and chronic renal failure in Spaniards. Regueiro JR, et al. **Hum Genet** 1984;67(4):437-40

IMMUNOLOGY

Dinitrochlorobenzene contact sensitization in patients with end-stage renal disease. Waltzer WC, et al. **Allergol Immunopathol (Madr)** 1984 Nov-Dec;12(6):479-82

HLA-A, B, haplotypes in normal southern Chinese and a lack of associations in renal failure. Chan SH, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):74-6

Summary of clinical studies with the Oka live varicella vaccine produced by Smith Kline-RIT. André FE. **Biken J** 1984 Sep;27(2-3):89-98

Deacetyl-thymosin beta 4: synthesis and effect on the impaired peripheral T-cell subsets in patients with chronic renal failure. Abiko T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4497-505

Renal failure in myeloma: relationship with isoelectric point of immunoglobulin light chains. Melcion C, et al. **Clin Nephrol** 1984 Sep;22(3):138-43

Immunoglobulin C mu gene restriction fragment length polymorphisms associated with chronic renal failure. Demaine AG, et al. **Immunol Lett** 1985;9(2-3):149-52

Immunological monitoring in patients with end-stage renal disease. Waltzer WC, et al. **J Clin Immunol** 1984 Sep;4(5):364-8

Suppression of human lymphocyte responses in chronic renal failure mediated by adherent cells: analysis in serum-free media. Kleiman KS, et al. **J Lab Clin Med** 1985 Sep;106(3):262-8

Biocompatibility of dialysis membranes: effects of chronic complement activation. Hakim RM, et al. **Kidney Int** 1984 Aug;26(2):194-200

T lymphocyte subpopulations in patients undergoing chronic hemodialysis. Hamaguchi N, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1205-12

Vaccination against hepatitis B in patients with renal insufficiency. Bommer J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:300-5

Human peripheral blood and splenic T lymphocyte reactions versus kidney cortical cells. Roth D, et al. **Transplant Proc** 1984 Dec;16(6):1532-4

A mouse model for delayed-type hypersensitivity skin changes in chronic renal failure. Gagnon RF, et al. **Uremia Invest** 1984-85;8(2):121-5

[Determination of alpha-2-macroglobulin concentration using immunologic and amidolytic methods in diabetics and kidney patients] Discher T, et al. **Immun Infekt** 1985 Feb;13(1):21-3 (Eng. Abstr.) **(Ger)**

[Immunologic and transplantation biology studies in patients with terminal renal failure] Lanzer G. **Wien Med Wochenschr [Suppl]** 1985;89:1-48 (Eng. Abstr.) **(Ger)**

[Multitest system: evaluation of cell-mediated immunity in uremic patients undergoing hemodialysis] Adami GF, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):277-83 (Eng. Abstr.) **(Ita)**

[High levels of carcinoembryonic antigen (CEA) in the serum of uremic patients under hemodialysis treatment] Docci D, et al. **Quad Sclavo Diagn** 1984 Dec;20(4):435-9 (Eng. Abstr.) **(Ita)**

[Study on the immune response in patients with chronic renal failure, with special reference to the peripheral blood lymphocyte subpopulation] Miyazawa S. **Fukuoka Igaku Zasshi** 1984 Aug;75(8):469-83 (Eng. Abstr.) **(Jpn)**

[Monthly changes in serum alpha 2-globulin and immunoglobulin levels in chronic hemodialysis patients--with special reference to the occurrence of cancer and blood transfusion] Misao A, et al. **Gan No Rinsho** 1985 Jul;31(8):953-8 (Eng. Abstr.) **(Jpn)**

[Studies on the prophylactic effect of influenza vaccine. Antibody response and side reactions in patients under treatment by hemodialysis] Yoshimoto T. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):178-85 (Eng. Abstr.) **(Jpn)**

METABOLISM

The role of nutritional factors in the course of experimental renal failure. Laouari D, et al. **Am J Kidney Dis** 1985 Mar;5(3):147-56 (64 ref.)

Multiple-dose study of imipenem/cilastatin in patients with end-stage renal disease undergoing long-term hemodialysis. Berman SJ, et al. **Am J Med** 1985 Jun 7;78(6A):113-6

Muscle protein turnover: effects of exercise training and renal insufficiency. Davis TA, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E337-45

Elimination kinetics of ceftizoxime in humans with and without renal insufficiency. Ohkawa M, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):308-11

Pharmacokinetics of intravenous amdinocillin in healthy subjects and patients with renal insufficiency. Patel IH, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):46-50

Antithrombin deficiency in end-stage renal disease associated with paraplegia: effect of hemodialysis. Vaziri ND, et al. **Arch Phys Med Rehabil** 1985 May;66(5):307-9

Influence of chronic renal failure on captopril pharmacokinetics and clinical and biological effects in hypertensive patients. Giudicelli JF, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):749-58

Effects of end stage renal disease and aluminium hydroxide on triazolam pharmacokinetics. Kroboth PD, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):839-42

Pharmacokinetics of ornidazole in patients with renal insufficiency; influence of haemodialysis and peritoneal dialysis. Merdjan H, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):211-7

The pharmacokinetics of imipenem (thienamycin-formamidine) and the renal dehydropeptidase inhibitor cilastatin sodium in normal subjects and patients with renal failure. Verpooten GA, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):183-93

Dihydrocodeine in renal failure: further evidence for an important role of the kidney in the handling of opioid drugs. Barnes JN, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):740-2

Digitalis receptors and digoxin sensitivity in renal failure. Malini PL, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):115-20

Metabolic conversion of alpha-keto valine to valine in patients with chronic renal failure. Arai J, et al. **Clin Nephrol** 1985 May;23(5):236-40

Determination of body burden of uremic toxins. Ihle BU, et al. **Clin Nephrol** 1984 Aug;22(2):82-9

Impaired vessel wall response to venous occlusion in patients with chronic renal failure on maintenance hemodialysis. Winter M, et al. **Clin Nephrol** 1984 Dec;22(6):307-13

Pharmacokinetics of ceftriaxone in subjects with renal insufficiency. Kowalsky SF, et al. **Clin Pharm** 1985 Mar-Apr;4(2):177-81

Pharmacokinetics of aztreonam in patients with chronic renal failure. Fillastre JP, et al. **Clin Pharmacokinet** 1985 Jan-Feb;10(1):91-100

Acute renal effects of sulindac and indomethacin in chronic renal failure. Berg KJ, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):447-52

Ketoconazole kinetics in chronic peritoneal dialysis. Johnson RJ, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):325-9

Effects of end-stage renal disease and aluminum hydroxide on temazepam kinetics. Kroboth PD, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):453-9

Tricyclic antidepressant and metabolite levels in chronic renal failure. Lieberman JA, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):301-7

Cefotaxime and desacetyl cefotaxime kinetics in renal impairment. Matzke GR, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):31-6

Moxalactam epimer disposition in patients undergoing continuous ambulatory peritoneal dialysis. Morse G, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):150-6

Pharmacokinetics and nondialyzability of mexiletine in renal failure. Wang T, et al. **Clin Pharmacol Ther** 1985 Jun;37(6):649-53

Alpha- and beta-adrenoceptor changes in patients on maintenance hemodialysis. Brodde OE, et al. **Contrib Nephrol** 1984;41:99-107

Disturbances of lipid metabolism in uremic rats. Drüeke T, et al. **Contrib Nephrol** 1984;41:321-7

Prolonged elimination of piperacillin in a patient with renal and liver failure. Green L, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):427-9

Effect of renal function and dialysis on temocillin pharmacokinetics. Boelaert J, et al. **Drugs** 1985;29 Suppl 5:109-13

Effect of renal function on renal responsiveness to parathyroid hormone in primary hyperparathyroidism and chronic renal failure. Lewin IG, et al. **Eur J Clin Invest** 1985 Feb;15(1):38-44

Whole-body elemental composition in patients with renal failure and after transplantation studied using total-body neutron-activation analysis. Williams ED, et al. **Eur J Clin Invest** 1984 Oct;14(5):362-8

Lack of effect of haemodialysis on mebendazole kinetics: studies in a patient with echinococcosis and renal failure. Allgayer H, et al. **Eur J Clin Pharmacol** 1984;27(2):243-5

Pharmacodynamics and kinetics of etozolin/ozolinone in hypertensive patients with normal and impaired kidney function. Knauf H, et al. **Eur J Clin Pharmacol** 1984; 26(6):687-93

Pharmacokinetics of mepindolol in patients with chronic renal failure. Krause W, et al. **Eur J Clin Pharmacol** 1984; 27(4):429-33

Pharmacokinetics of high doses of piretanide in moderate to severe renal failure. Marone C, et al. **Eur J Clin Pharmacol** 1984;27(5):589-93

Pharmacokinetics of verapamil in patients with renal failure. Mooy J, et al. **Eur J Clin Pharmacol** 1985;28(4):405-10

Sodium balance in renal failure. A comparison of patients with normal subjects under extremes of sodium intake. Koomans HA, et al. **Hypertension** 1985 Sep-Oct, 7(5):714-21

Analysis for and intestinal metabolism of precursor nitroso compounds in normal subjects and in patients with chronic renal failure. Simenhoff ML, et al. **IARC Sci Publ** 1984; (57):161-70

Features of residual renal function in end-stage renal failure associated with spinal cord injury. Vaziri ND, et al. **Int J Artif Organs** 1984 Nov;7(6):319-22

Butofilolol pharmacokinetics in chronic renal insufficiency. Jeanniot JP, et al. **Int J Clin Pharmacol Res** 1984; 4(3):165-73

Pharmacokinetics of buflomedil after intravenous administration in patients with chronic renal failure. Rey E, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec; 22(12):648-52

Taste acuity and zinc status in chronic renal disease. Burge JC, et al. **J Am Diet Assoc** 1984 Oct;84(10):1203-6, 1209

Pharmacokinetics of nitrendipine in patients with renal failure: comparison to normal subjects. Aronoff GR. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S974-6

Differences in metabolic properties among cortisol, prednisolone, and dexamethasone in liver and renal diseases: accelerated metabolism of dexamethasone in renal failure. Kawai S, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):848-54

Role of parathyroid hormone in the glucose intolerance of chronic renal failure. Akmal M, et al. **J Clin Invest** 1985 Mar;75(3):1037-44

Pharmacokinetics of cibenzoline in patients with renal impairment. Canal M, et al. **J Clin Pharmacol** 1985 Apr; 25(3):197-203

A porphyria cutanea tarda-like distribution pattern of porphyrins in plasma, hemodialysate, hemofiltrate, and urine of patients on chronic hemodialysis. Seubert S, et al. **J Invest Dermatol** 1985 Aug;85(2):107-9

Effect of hemodialysis and peritoneal dialysis on aztreonam pharmacokinetics. Gerig JS, et al. **Kidney Int** 1984 Sep; 26(3):308-18

Cardiovascular and metabolic responses to submaximal exercise in hemodialysis patients. Kettner A, et al. **Kidney Int** 1984 Jul;26(1):66-71

Effect of acute potassium load on reabsorption in Henle's loop in chronic renal failure in the rat. Milanes CL, et al. **Kidney Int** 1985 Jun;27(6):919-27

Aluminum loading in children with chronic renal failure. Sedman AB, et al. **Kidney Int** 1984 Aug;26(2):201-4

Serum ferritin as a guide for iron stores in chronic hemodialysis patients. Van de Vyver FL, et al. **Kidney Int** 1984 Oct;26(4):451-8

Altered divalent ion metabolism in early renal failure: role of 1,25(OH)2D. Wilson L, et al. **Kidney Int** 1985 Mar; 27(3):565-73

Opioid drugs and renal failure [letter] Barnes JN, et al. **Lancet** 1984 Sep 29;2(8405):748

Dietary protein restriction in chronic renal failure [letter] Bock HA, et al. **Lancet** 1985 Feb 23;1(8426):465-6

Abnormal cell-interactive properties of low-density lipoproteins isolated from patients with chronic renal failure. Gonen B, et al. **Metabolism** 1985 Jan;34(1):10-4

Effect of parathyroidectomy on bone aluminum accumulation in chronic renal failure. Andress DL, et al. **N Engl J Med** 1985 Feb 21;312(8):468-73

Trace element concentrations in hair, fingernails and plasma of patients with chronic renal failure on hemodialysis and hemofiltration. Marumo F, et al. **Nephron** 1984;38(4):267-72

Skeletal muscle water and electrolytes in chronic renal failure. Effects of long-term regular dialysis treatment. Montanari A, et al. **Nephron** 1985;39(4):316-20

Gentamicin disposition in children with chronic renal failure. Berry PL, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):257-73

Plasma renin activity, plasma aldosterone and distal urinary acidification in diabetics with chronic renal failure. Grande J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:801-7

Intracellular bicarbonate and pH of skeletal muscle in chronic renal failure. Guariglia A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:881-7

Pharmacokinetics of fentanyl in children with renal disease. Koren G, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):371-9

Pharmacokinetic disposition of cefonicid in patients with renal failure and receiving hemodialysis. Barriere SL, et al. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S809-15

Mechanism of hemoglobin A1 synthesis in renal failure. Kubota S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:431-4

Bone disease in long-term hemodialysis patients with low dialysate aluminium. Grekas DM, et al. **Uremia Invest** 1984; 8(1):9-15

Conversion of acetate to CO2, lipids, proteins, and lipoproteins during hemodialysis in humans. Morin RJ, et al. **Uremia Invest** 1984-85;8(2):61-7

[Effect of renal insufficiency on the pharmacokinetics of captopril and converting enzyme inhibition in the hypertensive patient] Richer C, et al. **Arch Mal Coeur** 1984 Oct;77(11):1216-9 (Eng. Abstr.) **(Fre)**

[Sodium transport in chronic renal insufficiency] Noé D. **Minerva Med** 1985 Mar 24;76(12):549-53 (Eng. Abstr.) **(Ita)**

[Erythrocyte Na/K flux ratio in hypertensive and renal failure patients] Kimura M. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):505-9 (Eng. Abstr.) **(Jpn)**

[ACTH and cortisol secretion in patients with chronic renal failure] Mori H, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun; 26(6):721-31 (Eng. Abstr.) **(Jpn)**

[Abnormal membrane transport in brush border disease. a. Re-absorption problem in the kidney tubules] Koide H. **Nippon Rinsho** 1985 Apr;43(4):799-803 **(Jpn)**

[Rolitetracycline pharmacokinetics in patients with chronic renal failure] Wójcicki J, et al. **Pol Arch Med Wewn** 1984 Apr;71(4):241-7 (Eng. Abstr.) **(Pol)**

[Use of drugs in children with renal failure] Prandota J, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1731-4 **(Pol)**

[Urea binding by serum proteins under normal conditions, in chronic renal failure and in the nephrotic syndrome] Kozhevnikov AD, et al. **Ter Arkh** 1984;56(7):44-7 (Eng. Abstr.) **(Rus)**

[The effect of drugs on peritoneal dialysis clearance] Djukanović Lj, et al. **Srp Arh Celok Lek** 1984 Jan; 112(1):115-26 (Eng. Abstr.) **(Scc)**

MICROBIOLOGY

Host immune status in uraemia. VI. Leucocytic response to bacterial infection in chronic renal failure. Nelson J, et al. **Nephron** 1985;39(1):21-5

MORTALITY

Children with chronic renal failure in the Federal Republic of Germany: II. Primary renal diseases, age and intervals from early renal failure to renal death. Arbeitsgemeinschaft für Pädiatrische Nephrologie. Pistor K, et al. **Clin Nephrol** 1985 Jun;23(6):278-84

Survival rates of 2,728 patients with end-stage renal disease. Hellerstedt WL, et al. **Mayo Clin Proc** 1984 Nov; 59(11):776-83

[Survival time and causes of death in dialysis patients] Siemensen H, et al. **Dtsch Med Wochenschr** 1984 Nov 30; 109(48):1833-6 (Eng. Abstr.) **(Ger)**

OCCURRENCE

End-stage renal disease in Michigan. Incidence, underlying causes, prevalence, and modalities of treatment. Weller JM, et al. **Am J Nephrol** 1985;5(2):84-95

Children with chronic renal failure in the Federal Republic of Germany: I. Epidemiology, modes of treatment, survival. Arbeits- gemeinschaft für Pädiatrische Nephrologie. Pistor K, et al. **Clin Nephrol** 1985 Jun; 23(6):272-7

Outcome of pediatric patients with end-stage renal disease in Switzerland 1973-1982. Leumann EP, et al. **Int J Pediatr Nephrol** 1984 Sep;5(3):155-8

End-stage renal disease in blacks: a national or international problem? [editorial] Dillard MG, et al. **J Natl Med Assoc** 1984 Dec;76(12):1157-8

Renal failure on the East Coast [letter] Reddy J, et al. **NZ Med J** 1985 Feb 13;98(772):69

Epidemiology of end stage renal disease and implications for public policy. Rubin RJ. **Public Health Rep** 1984 Sep-Oct; 99(5):492-8

[Frequency of renal failure in long-term diabetics] Zimmermann K, et al. **Z Urol Nephrol** 1985 Mar; 78(3):167-72 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Abnormally thin glomerular basement membranes associated with hematuria, proteinuria or renal failure in adults. Dische FE, et al. **Am J Nephrol** 1985;5(2):103-9

Progressive pathology in end stage kidney on long term dialysis. Sabnis SG, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):353-8

Pathology of endocrine organs in chronic renal failure--an autopsy analysis of 66 patients. Elias AN, et al. **Int J Artif Organs** 1984 Sep;7(5):251-6

Pulmonary pathology in renal transplant recipients. Fairshter RD, et al. **Int J Artif Organs** 1984 Nov;7(6):327-30

Uremic myopathy [editorial] Quintanilla AP, et al. **Int J Artif Organs** 1984 Sep;7(5):239-42

Neurochemical abnormalities in brains of renal failure patients treated by repeated hemodialysis. Perry TL, et al. **J Neurochem** 1985 Oct;45(4):1043-8

Effect of cimetidine on granulocyte-macrophage colony formation by normal and chronic renal failure bone marrow cells. Weinstein T, et al. **Kidney Int** 1984 Nov;26(5):741-3

Renal failure in a Zambian child due to bilateral renal lymphoma. Patil PS. **Med J Zambia** 1984 Jan;18(1):19-20

Papillary pore counts: a method of studying developmental aberrations in diseased juvenile kidneys. Heuser ET, et al. **Pediatr Pathol** 1983 Jan-Mar;1(1):67-79

Changes in left ventricular anatomy during haemodialysis, continuous ambulatory peritoneal dialysis and after renal transplantation. Deligiannis A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:185-9

Adult height in paediatric patients with chronic renal failure. Gilli G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:830-6

Autopsy findings in maintenance hemodialysis patients. Kitamura M, et al. **Tokai J Exp Clin Med** 1984 Aug; 9(3):217-22

[Evaluation of body components in chronic renal failure] Berio A, et al. **Minerva Pediatr** 1984 Oct 31;36(20):1003-8 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Vecuronium in patients with and without renal failure. Orko R, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):326-9

Dose-response of tubocurarine in patients with and without renal failure. Orko R, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):452-6

Asymmetric septal hypertrophy and sympathetic overactivity in normotensive hemodialyzed patients. Bernardi D, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):539-45

Vitamin D replacement therapy and renal function. Calcitriol v dihydrotachysterol Hymes LC, et al. **Am J Dis Child** 1984 Dec;138(12):1125-8

Demeclocycline-induced natriuresis and renal insufficiency: in vivo and in vitro studies. Braden GL, et al. **Am J Kidney Dis** 1985 May;5(5):270-7

The effect of diuretics on systemic and renal hemodynamics in patients with renal insufficiency. Kaufman AM, et al. **Am J Kidney Dis** 1985 Apr;5(4):A71-8 (30 ref.)

Bromocriptine and the hypothalamic hypophyseal function in patients with chronic renal failure on chronic hemodialysis. Ramirez G, et al **Am J Kidney Dis** 1985 Aug; 6(2):111-8

Influence of lisuride, a dopaminergic agonist, on the sexual function of male patients with chronic renal failure. Ruilope L, et al. **Am J Kidney Dis** 1985 Mar;5(3):182-5

Effect of haemodialysis on the control of the circulation in patients with chronic renal failure Naik RB, et al. **Am J Nephrol** 1985;5(2):96-102

Potentiation of the combination of pancuronium and metocurine by halothane and isoflurane in humans with and without renal failure. Bennett MJ, et al. **Anesthesiology** 1985 Jun;62(6):759-64

Suppressor cell function in renal failure and transplant patients. Woo KT, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):171-4

Preliminary observations of the utility of portable NPT. Procci WR, et al. **Arch Sex Behav** 1984 Dec;13(6):569-80

Cardiac performance in various stages of renal failure. Pehrsson SK, et al **Br Heart J** 1984 Dec;52(6):667-73

Cardiac abnormalities and exercise tolerance in patients receiving renal replacement therapy. Bullock RE, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1479-84

Gastric emptying in chronic renal failure. McNamee PT, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):310-1

Disturbances of peripheral and autonomic nervous system in chronic renal failure: effects of hemodialysis and transplantation. Heidbreder E, et al. **Clin Nephrol** 1985 May;23(5):222-8

Some observations on the role of the abdomen in breathing in patients on peritoneal dialysis. Bush A, et al. **Clin Sci** 1985 Apr;68(4):401-6

Determination of contribution of arteriovenous fistula to total cardiac output by Doppler computer. Chandraratna PA. **Contrib Nephrol** 1984;41:251-4

Echocardiographic aspects of cardiac hypertrophy and dilatation in normo- and hypertensive hemodialyzed patients. Cocchi A, et al. **Contrib Nephrol** 1984;41:288-91

Improvement in left ventricular function during treatment of hemodialysis patients with 25-OHD3. Coratelli P, et al. **Contrib Nephrol** 1984;41:433-7

Noninvasive exploration of myocardial function in hemodialysis patients. Comparison of three methods. Drüeke T, et al. **Contrib Nephrol** 1984;41:280-3

Bimodal behavior of left ventricular function during hemodialysis. Echocardiographic study. Fea F, et al. **Contrib Nephrol** 1984;41:284-7

Importance of impaired exercise tolerance in patients on renal replacement therapy. Heaton A, et al. **Contrib Nephrol** 1984;41:272-5

Control of blood pressure in patients treated by maintenance hemodialysis. Efficacy of dialysis and contribution of antihypertensive drugs. Jacobs C, et al. **Contrib Nephrol** 1984;41:128-36

Aspects of the myocardial function in chronic renal failure. Jahn H, et al. **Contrib Nephrol** 1984;41:240-50

Hemodynamic modifications induced by head out water immersion in nonuremic and uremic subjects. Jahn H, et al. **Contrib Nephrol** 1984;41:189-98

Endurance exercise in hemodialysis patients. Effects on the sympathetic nervous system and serum glucose regulation. Kettner A, et al. **Contrib Nephrol** 1984;41:269-71

Role of tissue hydration in the redistribution of extracellular fluid after ultrafiltration. Koomans HA, et al. **Contrib Nephrol** 1984;41:441-5

Significance of the renin-angiotensin system for blood pressure regulation in end-stage renal disease. Kornerup HJ, et al. **Contrib Nephrol** 1984;41:123-7

Changes induced by orthostatism in plasma renin activity and natriuresis. Influence of hypertension and renal failure. Labeeuw M, et al. **Contrib Nephrol** 1984;41:38-42

Autonomic component in hypertension accompanying renal failure. McGrath BP. **Contrib Nephrol** 1984;41:83-9

Atherogenesis in uremia. Ritz E, et al. **Contrib Nephrol** 1984; 41:337-41

Hemodynamic response to chronic anemia in renal failure. Schäfer GE, et al. **Contrib Nephrol** 1984;41:428-32

Haemodynamic effects of noradrenaline and isoprenaline in chronic renal failure. Warren DJ, et al. **Contrib Nephrol** 1984;41:420-4

Vagal function in patients with chronic renal failure. Warren DJ, et al. **Contrib Nephrol** 1984;41:119-22

Pathogenesis of hypertension associated with chronic renal failure. Weidmann P. **Contrib Nephrol** 1984;41:47-65 (81 ref.)

Rest and exercise response of left ventricular functions of patients on maintenance hemodialysis with and without cornary artery disease. Wizemann V, et al. **Contrib Nephrol** 1984;41:276-9

Dysfunction of the autonomic nervous system in patients with end-stage renal failure. Zucchelli P, et al. **Contrib Nephrol** 1985;45:69-81

Liver function during chronic renal failure in rabbits. Tvedegaard E, et al. **Experientia** 1984 Nov 15; 40(11):1255-6

Cardiac performance in chronic renal failure. Davis CL, et al. **Int J Artif Organs** 1985 Jan;8(1):7-10

Thyroid dysfunction in end-stage renal disease. Elias AN, et al. **Int J Artif Organs** 1984 Nov;7(6):311-4

Pathophysiology of chronic tubulo-interstitial disease in rats. Interactions of dietary acid load, ammonia, and complement component C3. Nath KA, et al. **J Clin Invest** 1985 Aug;76(2):667-75

Comparison of continuous cycling peritoneal dialysis with continuous ambulatory peritoneal dialysis in children. Alliapoulos JC, et al. **J Pediatr** 1984 Nov;105(5):721-5

Aluminum toxicity in children with chronic renal failure. Polinsky MS, et al. **J Pediatr** 1984 Nov;105(5):758-61 (30 ref.)

Relative contribution of intrinsic lung dysfunction and hypoventilation to hypoxemia during hemodialysis. Blanchet F, et al. **Kidney Int** 1984 Oct;26(4):430-5

Effects of parathyroidectomy on bone formation and mineralization in hemodialyzed patients. Charhon SA, et al. **Kidney Int** 1985 Feb;27(2):426-35

Mechanism of impaired urinary concentration in chronic primary glomerulonephritis. Conte G, et al. **Kidney Int** 1985 May;27(5):792-8

Growth in children with chronic renal failure on conservative treatment. Rizzoni G, et al. **Kidney Int** 1984 Jul;26(1):52-8

Potassium-aldosterone response in dogs with chronic renal insufficiency. Bourgoignie JJ, et al. **Miner Electrolyte Metab** 1985;11(3):150-4

Pregnancy in women with chronic renal disease. Hou S. **N Engl J Med** 1985 Mar 28;312(13):836-9

Haemodynamic state in severe chronic renal failure. Pathophysiological aspects of cardiovascular function and the importance of bicarbonate dialysis. Hampl H, et al. **Nephron** 1985;39(2):102-11

Thyroid gland volume and serum concentrations of thyroid hormones in chronic renal failure. Hegedüs L, et al. **Nephron** 1985;40(2):171-4

T lymphocytes, monocytes and erythropoiesis disorders in chronic renal failure. Lamperi S, et al. **Nephron** 1985; 39(3):211-5

Brainstem auditory evoked potentials in chronic renal failure and maintenance hemodialysis. Komsuoglu SS, et al. **Neurology** 1985 Mar;35(3):419-23

Caries resistance in children with chronic renal failure: plaque pH, salivary pH, and salivary composition. Peterson S, et al. **Pediatr Res** 1985 Aug;19(8):796-9

Extravasation of contrast material from unused bladders during voiding cystourethrography. Day DL. **Radiology** 1985 Apr;155(1):105-6

[The effect of hemodialysis on pulmonary volumes. Ventilatory changes during recession of congestion in the lesser circulation] Munclinger M, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1349-51 (Eng. Abstr.) **(Cze)**

[Relation of visual evoked potentials to the clinical state in patients with chronic renal insufficiency] Kuba M, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):217-23 (Eng. Abstr.) **(Cze)**

[Visual evoked potentials in patients with chronic renal insufficiency] Kuba M, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):437-50 (Eng. Abstr.) **(Cze)**

[The relation of amylase and endogenous creatinine clearance to kidney function] Racek J, et al. **Vnitr Lek** 1985 Aug; 31(8):769-74 (Eng. Abstr.) **(Cze)**

[A 2-year echocardiographic study of patients with irreversible renal failure] Rubáček M, et al. **Vnitr Lek** 1984 Aug;30(8):771-6 (Eng. Abstr.) **(Cze)**

[The effect of a single hemodialysis on left ventricular function in patients on regular dialysis treatment without clinical signs of heart failure] Zavřel M, et al. **Vnitr Lek** 1984 Nov;30(11):1066-72 (Eng. Abstr.) **(Cze)**

[Pathophysiologic aspects in the treatment of diabetic patients during acetate and bicarbonate dialysis] Hampl H, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):156-61 (Eng. Abstr.) **(Ger)**

[Sympathetic activity in terminal renal failure and kidney transplants] Lang R, et al. **Klin Wochenschr** 1984 Nov 2; 62(21):1025-31 (Eng. Abstr.) **(Ger)**

[Echocardiographic studies in children with chronic kidney insufficiency and intermittent hemodialysis treatment] Galal O, et al. **Monatsschr Kinderheilkd** 1985 Mar;133(3):149-53 (Eng. Abstr.) **(Ger)**

[Left ventricular function in patients under peritoneal dialysis treatment] Timio M, et al. **G Ital Cardiol** 1984 Aug; 14(8):570-6 (Eng. Abstr.) **(Ita)**

[Uremic polyneuropathy: a study of vibratory perception threshold in 19 patients] Werneck LC, et al. **Arq Neuropsiquiatr** 1984 Sep;42(3):215-20 (Eng. Abstr.) **(Por)**

[Changes in vicarious gastric function in relation to urea and electrolyte excretion in rats in the early stages of development of chronic kidney failure] Ryss ES, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):58-61 (Eng. Abstr.) **(Rus)**

[Pulmonary circulation in chronic renal failure (clinico-morphological studies)] Alekseevskikh IuG, et al. **Sov Med** 1985;(1):22-7 (Eng. Abstr.) **(Rus)**

[The cardiovascular system in patients with chronic renal failure (echocardiographic data)] Korytnikov KI, et al. **Ter Arkh** 1984;56(12):65-9 (Eng. Abstr.) **(Rus)**

[Functional state of the hypothalamo-pituitary-gonadal axis in chronic renal failure] Kukhtevich AV, et al. **Ter Arkh** 1984;56(7):139-44 (65 ref.) **(Rus)**

[Disorders of the kallikrein-kinin, renin-angiotensin and sympathetic-adrenal systems in chronic kidney failure patients during hemodialysis treatment] Neimark MI. **Ter Arkh** 1984;56(9):102-5 (Eng. Abstr.) **(Rus)**

[External respiratory function in patients with chronic renal failure treated with hemodialysis] Stavskaia VV, et al. **Ter Arkh** 1984;56(7):74-7 (Eng. Abstr.) **(Rus)**

[Neurophysiologic study in patients with chronic renal failure (CRF). Electroencephalographic and anatomopathologic study in dogs receiving different doses of heparin] Jiménez F, et al. **Arch Neurobiol (Madr)** 1984 Jul-Aug;47(4):173-82 (Eng. Abstr.) **(Spa)**

[Pregnancy resulting in a live birth during chronic hemodialysis] Ruiz Abad JA, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):163-4 **(Spa)**

PREVENTION & CONTROL

Protective effect of prostaglandin E1 on ischemia-induced acute renal failure in dogs. Tobimatsu M, et al. **Surgery** 1985 Jul;98(1):45-53

[Does correction of reflux delay the development of renal insufficiency?] Petit M, et al. **Ann Urol (Paris)** 1984 Apr; 18(2):130-1 (Eng. Abstr.) **(Fre)**

[Diabetic nephropathy: preventive role of therapy] Brunetti P, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):25-30 **(Ita)**

[Efficacy of therapy in the prevention of hypertensive nephropathy] Libretti A, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):37-41 **(Ita)**

[Renal course in the hypertensive patient] Zucchelli P, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4 Suppl):31-6 **(Ita)**

PSYCHOLOGY

The adolescent with end-stage renal disease. Fine RN. **Am J Kidney Dis** 1985 Aug;6(2):81-5

Does social support determine the treatment setting for hemodialysis patients? Smith MD, et al. **Am J Kidney Dis** 1985 Jan;5(1):27-31

The psycho-social stressors associated with survival by dialysis. Nichols KA, et al. **Behav Res Ther** 1984; 22(5):563-74

Renal failure adjustment and coping style. Blodgett C. **J Pers Assess** 1985 Jun;49(3):271-2

Status of life-areas: congruence/noncongruence in ESRD patient and spouse perceptions. Gray H, et al. **Soc Sci Med** 1985;20(4):341-6

[Continuous-hemodialysis patients from a psychiatric viewpoint] Knickenberg R, et al. **Dtsch Med Wochenschr** 1984 Oct 19;109(42):1614-9 (58 ref.) **(Ger)**

[Psychosocial status and the reaction to life threatening illness--a comparison of breast cancer and dialysis patients] Muthny FA, et al. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):287-95 (Eng. Abstr.) **(Ger)**

[Psychological reactions and disease processing in dialysis patients] Ziegler G, et al. **Psychother Psychosom Med Psychol** 1985 Feb;35(2):62-70 (Eng. Abstr.) **(Ger)**

[Psychodiagnostic studies in dialysis patients of a center and a limited care facility] Paulsen G, et al. **Z Psychosom Med Psychoanal** 1985;31(3):226-34 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

High dose urography in patients with renal failure. A double blind investigation of iohexol and metrizoate. Smith HJ, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr; 26(2):213-20

Low dose arterial contrast enhancement for cranial computed tomography in renal insufficiency. Kier R, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):800-2

[An assessment of the mineral content in the femur of patients with chronic renal failure by computed tomography] Sakurai K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25;44(9):1141-50 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Indium-111 chloride bone marrow imaging in chronic renal disease. Sayle BA, et al. **Clin Nucl Med** 1985 Jul; 10(7):498-500

REHABILITATION

Psychonephrology of the future [editorial] Beard BH. **Int J Artif Organs** 1985 Jan;8(1):11-2

Rehabilitation of patients on recurrent haemodialysis. Suleiman AB, et al. **Med J Malaysia** 1984 Mar;39(1):59-64

[The dialysis patient in the expert opinion of the public health officer from the viewpoint of the nephrologist or clinical assessment versus expert opinion] Bünger P. **Off Gesundheitswes** 1984 Sep;46(9):434-8 **(Ger)**

SURGERY

Survival in end-stage diabetic renal disease. A prospective study of 100 kidney transplant patients. Larsson O, et al. **Acta Med Scand** 1984;216(4):393-402

Erythroid progenitor growth in erythrocytosic transplanted patients. Lamperi S, et al. **Artif Organs** 1985 May;9(2):200-4

Kidney transplantation in drug-addicts. Cho S, et al. **Bol Asoc Med PR** 1985 Apr;77(4):136-7

Use of alcuronium in patients undergoing renal transplantation. Kaushik S, et al. **Br J Anaesth** 1984 Nov; 56(11):1229-33

Deep vein thrombosis after renal transplantation: a prospective analysis of frequency and risk factors. Bergqvist D, et al. **Eur Surg Res** 1985;17(2):69-74

A randomized, prospective study of perioperative antimicrobial prophylaxis for vascular access surgery. Bennion RS, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):270-4

Undiversion in children with renal failure. Gonzalez R, et al. **J Pediatr Surg** 1984 Dec;19(6):632-6

Preferential effectiveness of cyclosporin in patients receiving kidney transplants after glomerulonephritis. Cats S, et al. **Lancet** 1985 Mar 2;1(8427):490-1

Assessment of resources for renal transplantation in the United Kingdom. Sells RA, et al. **Lancet** 1985 Jul 27; 2(8448):195-7

Replacement therapy in terminal renal failure in Sweden 1975-1981. What resources will be needed in the future? Erlanson P. **Nephron** 1985;39(2):80-5

Current thinking in transplantation in infants and children. Lum CT, et al. **Pediatr Clin North Am** 1985 Oct; 32(5):1203-32 (85 ref.)

A new indication for the Lapides vesicostomy. Lizza EF, et al. **W Va Med J** 1984 Nov;80(11):248-9

Total parathyroidectomy and parathyroid autograft for renal osteodystrophy: analysis of the cause of failure. Kinnaert P, et al. **World J Surg** 1985 Jun;9(3):500-6

[Kidney transplantation in children] Salmela K. **Duodecim** 1984;100(17):1085-7 **(Fin)**

[What are the indications for nephrectomy in candidates for renal transplants] Benoit G, et al. **Ann Urol (Paris)** 1984 Feb;18(1):13-6 (Eng. Abstr.) **(Fre)**

[Surgical indications for primary vesico-ureteral reflux in adult candidates for renal transplantation] Le Guillou M, et al. **Ann Urol (Paris)** 1984 Apr;18(2):124 (Eng. Abstr.) **(Fre)**

[Cutaneous nodular Kaposi sarcoma following kidney transplantation and immunosuppression] Luderschmidt C, et al. **Klin Wochenschr** 1984 Sep 3;62(17):803-9 (Eng. Abstr.) **(Ger)**

[Current status of kidney transplantation and results] Habersetzer R, et al. **Lebensversicherungsmedizin** 1985 May 1;37(3):72-4 (Eng. Abstr.) **(Ger)**

[Children with posterior urethral valves, dilatation of both ureters and chronic kidney insufficiency. A retrospective analysis of effectiveness and risk of operative measures] Bachmann H, et al. **Urologe [Ausg A]** 1985 Mar; 24(2):98-101 (Eng. Abstr.) **(Ger)**

[Preparation and implementation of kidney transplantation in patients with terminal renal failure and type I diabetes]

Templin R, et al. **Z Urol Nephrol** 1985 Apr;78(4):215-9 (Eng. Abstr.) **(Ger)**

THERAPY

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. I. Chronic renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1-4):45-62

1-alpha-OH-cholecalciferol (1-alpha-OHD3) and low phosphate diet in predialysis chronic renal failure: effects on renal function and on secondary hyperparathyroidism. Coen G, et al. **Acta Vitaminol Enzymol** 1984;6(2):129-35

Pathology of gastrointestinal tract in chronic hemodialysis patients: an autopsy study of 78 cases. Vaziri ND, et al. **Am J Gastroenterol** 1985 Aug;80(8):608-11

Choosing a dialysis therapy: narrative summary of a panel discussion. **Am J Kidney Dis** 1984 Nov;4(3):256-9

Adequacy of dialysis. Blagg CR. **Am J Kidney Dis** 1984 Nov; 4(3):218-23

Tenckhoff catheter obstruction resulting from invasion by Curvularia lunata in the absence of peritonitis. DeVault GA Jr, et al. **Am J Kidney Dis** 1985 Aug;6(2):124-7

Experience with intermittent peritoneal dialysis and continuous cyclic peritoneal dialysis. Diaz-Buxo JA, et al. **Am J Kidney Dis** 1984 Nov;4(3):242-8

Choosing a dialysis therapy for children with end-stage renal disease. Fine RN. **Am J Kidney Dis** 1984 Nov;4(3):249-52

Peritoneo-venous shunting in patients with cirrhotic ascites and end-stage renal failure. Gandhi VC, et al. **Am J Kidney Dis** 1985 Sep;6(3):185-7

Results of treatment in patients with end-stage renal disease: a multivariate analysis of risk factors and survival in 341 successive patients. Garcia-Garcia G, et al. **Am J Kidney Dis** 1985 Jan;5(1):10-8

Transplantation versus dialysis in diabetic patients with renal failure. Parfrey PS, et al. **Am J Kidney Dis** 1985 Feb; 5(2):112-6

Comparison of quality of life of patients on continuous ambulatory peritoneal dialysis, hemodialysis, and after transplantation. Simmons RG, et al. **Am J Kidney Dis** 1984 Nov;4(3):253-5

Geographic access to health care services: the case of maintenance hemodialysis. Smith MD, et al. **Am J Kidney Dis** 1985 Jan;5(1):19-26

A comprehensive report on the experience of patients on continuous ambulatory peritoneal dialysis for the treatment of end-stage renal disease. Steinberg SM, et al. **Am J Kidney Dis** 1984 Nov;4(3):233-41

Effective use of streptokinase for peritoneal catheter failure. Wiegmann TB, et al. **Am J Kidney Dis** 1985 Aug; 6(2):119-23

Survival on integrated therapies--what assumptions shall we make? Wing AJ. **Am J Kidney Dis** 1984 Nov;4(3):224-32

Alteration of pituitary-thyroid function in patients with chronic renal failure treated by haemodialysis or continuous ambulatory peritoneal dialysis. Ross RJ, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):156-60

Renal transplantation. Nursing management of the recipient. Richard AB, et al. **AORN J** 1985 Jun;41(6):1022-36

An orally administered microcapsule system for treating chronic renal failure patients. Gardner DL, et al. **Appl Biochem Biotechnol** 1984;10:27-40

Planning and protecting vascular access sites in the future hemodialysis patient [editorial] Kaufman JL. **Arch Intern Med** 1985 Aug;145(8):1384-5

The improving prognosis after kidney transplantation. New strategies to overcome immunologic rejection. Levey AS. **Arch Intern Med** 1984 Dec;144(12):2382-7 (49 ref.)

Successful management of Graves' disease in a patient undergoing regular dialysis therapy. McKillop JH, et al. **Arch Intern Med** 1985 Feb;145(2):337-9

Technical and clinical data on high-performance hemofiltration: twelve patients during one year. Haas T, et al. **Artif Organs** 1985 May;9(2):164-8

'Long-term' survival in light-chain myeloma with dialysis therapy alone. Boyce NW, et al. **Aust NZ J Med** 1984 Oct;14(5):676-7

Intermittent peritoneal dialysis--21/2 years experience in IPGMR. Rashid HU, et al. **Bangladesh Med Res Counc Bull** 1984 Dec;10(2):59-64

Impaired in vitro growth of PHA induced T lymphocyte colonies in hemodialyzed renal failure patients. Ghio R, et al. **Blut** 1985 Mar;50(3):135-40

Is peritoneal dialysis a good long term treatment? Coles GA. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1164-6 (35 ref.)

Cluster headache: clinical efficacy of lithium salts in a haemodialysis treated patient. Zuddas A, et al. **Cephalalgia** 1985 Jun;5(2):95-8

Osteomalacia associated with aluminum intoxication in a patient with chronic renal failure. Bauer TW, et al. **Cleve Clin Q** 1985 Summer;52(2):271-8

Comparison of blood gas and pH values obtained from arteriovenous fistulae and femoral arteries in chronic renal failure patients managed by hemodialysis. Beasley CR, et al. **Clin Nephrol** 1985 Apr;23(4):184-8

Effect of an optimum dialysis fluid calcium concentration on calcium mass transfer during maintenance hemodialysis. Carney SL, et al. **Clin Nephrol** 1985 Jul;24(1):28-30

Disputed issues in renal failure therapy. Proceedings of the dialysis workshop, Bernried, March 29-31,1984. **Contrib Nephrol** 1985;44:1-294

Problems in hemofiltration. Baldamus CA. **Contrib Nephrol** 1985;44:212-22

2-h dialysis: a realistic goal? Cambi V, et al. **Contrib Nephrol** 1985;44:40-8

Membrane selection for renal replacement therapy: a mountain or molehill? Farrell PC, et al. **Contrib Nephrol** 1985;44:97-111 (44 ref.)

Cellulose membranes--time for a change? Henderson LW, et al. **Contrib Nephrol** 1985;44:112-26

Continuous automatic monitoring of ECG and blood pressure in hemodialysis patients. Iacovoni P, et al. **Contrib Nephrol** 1984;41:454-6

Short dialysis increases morbidity and mortality. Kjellstrand CM. **Contrib Nephrol** 1985;44:65-77

The role of controversy in the progress of ESRD patients. Klinkmann H, et al. **Contrib Nephrol** 1985;44:1-13 (25 ref.)

Contemporary ESRD therapy: Quagmire or Eschaton. Lysaght MJ. **Contrib Nephrol** 1985;44:275-84

The benefits and proper role of CAPD. Mion C, et al. **Contrib Nephrol** 1985;44:148-62

Hemofiltration--an improved method of treatment for chronic renal failure. Quellhorst E, et al. **Contrib Nephrol** 1985;44:194-211

Bicarbonate dialysis--so what? Ritz E, et al. **Contrib Nephrol** 1985;44:78-96 (44 ref.)

CAPD is a second-class treatment. Shaldon S, et al. **Contrib Nephrol** 1985;44:163-72

Treatment of renal failure in the light of increasingly limited resources. Wing AJ. **Contrib Nephrol** 1985;44:260-74

Hemodiafiltration--an avenue to shorter dialysis? Wizemann V. **Contrib Nephrol** 1985;44:49-56

Stimulation of peritoneal synthesis of vasoactive prostaglandins during peritonitis in patients on continuous ambulatory peritoneal dialysis. Steinhauer HB, et al. **Eur J Clin Invest** 1985 Feb;15(1):1-5

Dialysis and transplantation in multiple myeloma. Barton CH, et al. **Int J Artif Organs** 1984 Nov;7(6):317-8

Purulent pericarditis caused by Staphylococcus aureus in two patients undergoing haemodialysis. Makó J, et al. **Int Urol Nephrol** 1985;17(1):79-83

Haemoperfusion in the treatment of chronic renal failure in patients on haemodialysis. Ryabov SI, et al. **Int Urol Nephrol** 1984;16(4):345-60

Peritoneal dialysis in renal failure associated with spinal cord injury. Vaziri ND, et al. **J Am Paraplegia Soc** 1984 Oct; 7(4):63-5

Evaluation of continuous ambulatory peritoneal dialysis (CAPD) in patients of chronic renal failure. Banerjee S, et al. **J Assoc Physicians India** 1984 Jun;32(6):495-8

Pharmacokinetics of atenolol in patients treated with chronic hemodialysis or peritoneal dialysis. Campese VM, et al. **J Clin Pharmacol** 1985 Jul-Aug;25(5):393-5

Lithium in a patient with renal failure on hemodialysis [letter] Lippman SB, et al. **J Clin Psychiatry** 1984 Oct;45(10):444

Dialysis for end-stage renal disease. Walker JA, et al. **J Med Soc NJ** 1984 Dec;81(12):1067-74

CAPD in end-stage renal amyloidosis [letter] Banks RA, et al. **J R Soc Med** 1984 Dec;77(12):1064-5

Using end-stage renal disease facility surveys to monitor end-stage renal disease program trends. The Data Committee of the National Forum of End-Stage Renal Disease Networks. **JAMA** 1985 Oct 4;254(13):1776-80

Continuous ambulatory and continuous cycling peritoneal dialysis in children. A report of the Southwest Pediatric Nephrology Study Group. **Kidney Int** 1985 Mar; 27(3):558-64

Controlled comparison of hemodialysis and peritoneal dialysis: Veterans Administration multicenter study. Gutman RA, et al. **Kidney Int** 1984 Oct;26(4):459-70

Prognostically controlled comparison of dialysis and renal transplantation. Hutchinson TA, et al. **Kidney Int** 1984 Jul; 26(1):44-51

Plasma volume recovery after ultrafiltration in patients with chronic renal failure. Koomans HA, et al. **Kidney Int** 1984 Dec;26(6):848-54

Corynebacterium group JK peritonitis in patients on continuous ambulatory peritoneal dialysis. Altwegg M, et al. **Klin Wochenschr** 1984 Aug 16;62(16):793-4

When is discontinuation of dialysis justified? Brahams D. **Lancet** 1985 Jan 19;1(8421):176-7

Complex clinical workloads in a nutshell [letter] Dibble JB, et al. **Lancet** 1984 Dec 8;2(8415):1343

Renal failure and the law. Douglas JF. **Lancet** 1985 Jun 8; 1(8441):1319-21

End-stage renal failure in diabetics [letter] Smith WG, et al. **Lancet** 1985 Jun 8;1(8441):1328

Psychiatric side-effects of acyclovir in patients with chronic renal failure [letter] Tomson CR, et al. **Lancet** 1985 Aug 17;2(8451):385-6

Preliminary report on the efficiency of combined haemodialysis-haemoperfusion treatment in chronic uraemia. Albertazzi A, et al. **Life Support Syst** 1984 Oct-Dec;2(4):245-51

A urea kinetic model for haemofiltration. Canaud B, et al. **Life Support Syst** 1985 Jan-Mar;3(1):15-25

Plasma fibronectin concentrations in hemodialyzed patients. Influence of different dialyzers. Schena FP, et al. **Life Support Syst** 1985 Jan-Mar;3(1):83-5

Haemoperfusion in the management of end-stage renal disease. Winchester JF. **Life Support Syst** 1984 Apr-Jun; 2(2):107-11 (22 ref.)

Hospitalization in dialysis patients. Carlson DM et al. **Mayo Clin Proc** 1984 Nov;59(11):769-75

End-stage renal disease: then and now [editorial] Hunt JC. **Mayo Clin Proc** 1984 Oct;59(10):717-9

Results of treatment of center hemodialysis patients. Johnson WJ, et al. **Mayo Clin Proc** 1984 Oct;59(10):669-71

Results of treatment of renal failure by means of home hemodialysis. Johnson WJ, et al. **Mayo Clin Proc** 1984 Oct; 59(10):663-8

A four-year comparison of continuous ambulatory peritoneal dialysis and home hemodialysis: a preliminary report. Kurtz SB, et al. **Mayo Clin Proc** 1984 Oct;59(10):659-62

The impact of selected patient characteristics on practitioners' treatment recommendations for end-stage renal disease. Deber RB, et al. **Med Care** 1985 Feb; 23(2):95-109

Life and death in a welfare state: end-stage renal disease in the United Kingdom. Halper T. **Milbank Mem Fund Q** 1985 Winter;63(1):52-93 (100 ref.)

The quality of life of patients with end-stage renal disease. Evans RW, et al. **N Engl J Med** 1985 Feb 28;312(9):553-9

Treatment of chronic renal failure: an update [editorial] Freeman RB. **N Engl J Med** 1985 Feb 28;312(9):577-9

Quality of life of patients with end-stage renal disease [letter] Kutner NG. **N Engl J Med** 1985 Jun 13;312(24):1579-80

Continuous ambulatory peritoneal dialysis and scleroderma. Copley JB, et al. **Nephron** 1985;40(3):353-6

Effects of high sodium dialysate during maintenance hemodialysis. Cybulsky AV, et al. **Nephron** 1985; 41(1):57-61

Central venous blood composition and the pulmonary ventilation during hemodialysis. Faro S, et al. **Nephron** 1985;41(1):45-9

Physiologic approach to dialysis-induced hypoxemia. Effects of dialyzer material and dialysate composition. Igarashi H, et al. **Nephron** 1985;41(1):62-9

Short-term effect of 4% hypertonic glucose as compared to 4% mixed hypertonic mannitol solution in conventional peritoneal dialysis. Phanichphant S, et al. **Nephron** 1985; 40(3):322-8

Vitamin C intoxication and hyperoxalemia in chronic hemodialysis patients. Pru C, et al. **Nephron** 1985; 39(2):112-6

Dialysis-induced cardiac arrhythmias: fact or fiction? Importance of preexisting cardiac disease in the induction of arrhythmias during renal replacement therapy. Wizemann V, et al. **Nephron** 1985;39(4):356-60

Hemodialysis-associated carpal tunnel syndrome. A clinical review. Zamora JL, et al. **Nephron** 1985;41(1):70-4

Intradental lesions and their reversal in a patient being treated for end-stage renal disease. Hutton CE. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):258-61

Improved cardiac function after renal transplantation. Fleming SJ, et al. **Postgrad Med J** 1985 Jun;61(716):525-8

Influence of phosphate restriction, keto-acids and vitamin D on the progression of chronic renal failure. Fröhling PT, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:561-6

Morbidity of patients with analgesic-associated nephropathy and end-stage renal failure. Schwarz A, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:311-6

Human umbilical vein for vascular access in chronic hemodialysis. Jørgensen L, et al. **Scand J Urol Nephrol** 1985;19(1):49-53

Peritoneal dialysis--a review with consideration of the role of CAPD in renal replacement therapy in developing countries. Chan MK. **Singapore Med J** 1984 Aug; 25(4):212-5

A protest movement in a private clinic: an analysis of a patients' strike. Waissman R. **Soc Sci Med** 1985; 20(2):129-32

Ethical issues in treatment of patients with end-stage renal disease. Macklin R. **Soc Work Health Care** 1984 Summer; 9(4):11-20

A social work perspective on ethical practice in end-stage renal disease. Mailick MD, et al. **Soc Work Health Care** 1984 Summer;9(4):21-31

Integration of medical and psychosocial needs of the home hemodialysis patient: implications for the nephrology social worker. Peterson KJ. **Soc Work Health Care** 1984 Summer; 9(4):33-44

Initial experience with a new prosthetic angioaccess device. Garrison RN, et al. **South Med J** 1985 Feb;78(2):167-70

Hyperlipidemia in uremic children: response to peritoneal dialysis and hemodialysis. Berger M, et al. **Tex Med** 1984 Sep;80(9):50-3

Management of end-stage renal disease by transplantation: the use and limitations of cyclosporine. Kahan BD, et al. **Tex Med** 1985 Aug;81(8):32-43

High incidence of infectious complications with the Hemasite vascular access device. Barth RH, et al. **Trans Am Soc Artif Intern Organs** 1984;30:450-7

A new cartridge for phosphate removal in uremic patients. Bazzato G, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:199-202

The double bag system for CAPD reduces the peritonitis rate. Bazzato G, et al. **Trans Am Soc Artif Intern Organs** 1984;30:690-2

Peracetic acid for reuse of hemodialyzers clinical studies. Berkseth R, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:270-5

Mechanisms of neutropenia in hemodialysis (HD). Camussi

G, et al. **Trans Am Soc Artif Intern Organs** 1984;30:364-9

A practical algorithm for blood pressure (BP) monitoring and control during hemodialysis. Cheek D, et al. **Trans Am Soc Artif Intern Organs** 1984;30:189-92

Plasma aluminum and iron kinetics in hemodialyzed patients after i.v. infusion of desferrioxamine. Ciancioni C, et al. **Trans Am Soc Artif Intern Organs** 1984;30:479-82

Clinical studies supporting the thesis that a reprocessed dialyzer is better than a new dialyzer. Deane N. **Trans Am Soc Artif Intern Organs** 1984;30:719-20

Comparative evaluation of automated devices for reprocessing hemodialyzers: intradialytic patient response. Deane N, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:498-501

Can CCPD lower the rate of peritonitis? Diaz-Buxo JA. **Trans Am Soc Artif Intern Organs** 1984;30:692-3

Safety and efficacy of epoprostenol (PGI2) versus heparin (H) in hemodialysis (HD). Dubrow A, et al. **Trans Am Soc Artif Intern Organs** 1984;30:52-4

Comparison of two methods of kinetic modeling. Ellis PW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:60-4

A comparison of glucose polymer and dextrose containing dialysate in CAPD patients. Gross ML, et al. **Trans Am Soc Artif Intern Organs** 1984;30:483-5

Acid base values, hypoxemia in diabetic patients on acetate and bicarbonate dialysis. Hampi H, et al. **Trans Am Soc Artif Intern Organs** 1984;30:55-9

Repeatable access blood flow (ABF) measurement. Ilstrup K, et al. **Trans Am Soc Artif Intern Organs** 1984;30:338-41

Intravenous transcutaneous vascular access device. Kaufman GM, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:458-62

Prolonged dialyzer reuse. Kaye M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:491-3

Single- or double-cuff peritoneal catheters? A prospective comparison. Kim D, et al. **Trans Am Soc Artif Intern Organs** 1984;30:232-5

Staph aureus peritonitis in patients on continuous ambulatory peritoneal dialysis. Kim D, et al. **Trans Am Soc Artif Intern Organs** 1984;30:494-7

Low dose streptokinase therapy for thrombosed arteriovenous fistulas. Klimas VA, et al. **Trans Am Soc Artif Intern Organs** 1984;30:511-3

Towards automation of single needle vascular access. Kopp KF, et al. **Trans Am Soc Artif Intern Organs** 1984;30:463-7

Noninvasive and invasive blood flowmetry in hemodialyzed patients with high blood flow fistulas. Levy BI, et al. **Trans Am Soc Artif Intern Organs** 1984;30:335-7

The cardiopulmonary manifestations of blood-dialyzer (new and reused) interactions in an animal model. Lindsay RM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:711-4

Central on-site preparation of substitution fluid for hemofiltration. Luehmann D, et al. **Trans Am Soc Artif Intern Organs** 1984;30:195-8

Technical aspects of high-flux hemodiafiltration for adequate short (under 2 hours) treatment. Miller JH, et al **Trans Am Soc Artif Intern Organs** 1984;30:377-81

Equilibration of body water distribution and Na+ balance during hemodialysis (HD) with an ion specific electrode feedback system and integrated computer. Murisasco A, et al. **Trans Am Soc Artif Intern Organs** 1984;30:254-9

Stable liquid bicarbonate hemodialysate (LBD). Nissenson AR, et al. **Trans Am Soc Artif Intern Organs** 1984;30:630-4

Hypervitaminosis A toxicity in regular hemodialysis patients. Ono K. **Trans Am Soc Artif Intern Organs** 1984;30:40-3

Effect of varying dialysate temperature on hemodialysis hypoxemia. Raja R, et al. **Trans Am Soc Artif Intern Organs** 1984;30:15-7

Aluminum kinetics in patients treated with hemodialysis or hemofiltration with sorbent recycling of ultrafiltrate. Shapiro WB, et al. **Trans Am Soc Artif Intern Organs** 1984; 30:342-6

Hickman catheter for pediatric hemodialysis: a 3-year experience. So SK, et al. **Trans Am Soc Artif Intern Organs** 1984;30:619-23

Plasma biochemistries in CAPD patients from overnight-dwell dialysate. Spencer PC, et al. **Trans Am Soc Artif Intern Organs** 1984;30:241-3

Dialysis hemosiderosis mimicking non-A, non-B hepatitis. Stanbaugh GH, et al. **Trans Am Soc Artif Intern Organs** 1984;30:217-21

High-flux hemodiafiltration: under six hours/week treatment. von Albertini B, et al. **Trans Am Soc Artif Intern Organs** 1984;30:227-31

Mortality, morbidity, and life satisfaction in the very old dialysis patient. Westlie L, et al. **Trans Am Soc Artif Intern Organs** 1984;30:21-30

Exercise-induced ventricular dysfunction: reversible by hemodialysis. Wizemann V, et al. **Trans Am Soc Artif Intern Organs** 1984;30:567-70

On the safety of using stored bank blood for chronic hemodialysis patients. Fogh-Andersen N, et al. **Transfusion** 1984 Nov-Dec;24(6):505-7

Successful continuous ambulatory peritoneal dialysis in tropical Africa. Youmbissi TJ, et al. **Trop Doct** 1985 Jul; 15(3):139-40

Effect of calcitonin on hemodialysis patients with hypercalcemia and renal osteodystrophy. Carney SL, et al. **Uremia Invest** 1984-85;8(2):97-101

Renal medicine and renal patients at the Seventh I.K.A. Hospital of Athens. Gallagher EB. **Uremia Invest** 1984-85; 8(2):139-45

Cardiorenal failure: treatment of refractory biventricular failure by peritoneal dialysis. Weinrauch LA, et al. **Uremia Invest** 1984;8(1):1-8

Diabinese-Dialume: a potential catastrophe. Whelan TV, et al. **Uremia Invest** 1984-85;8(2):135-8

Sonographic evaluation of kidneys undergoing dialysis. Takebayashi S. **Urol Radiol** 1985;7(2):69-74

[Arteriovenous fistula for the hemodialysis treatment of chronic kidney failure] Lazarov Z, et al. **Khirurgiia (Sofiia)** 1984;37(4):291-8 (Eng. Abstr.) **(Bul)**

[Relation between the clinical manifestations and management of chronic renal failure and parathyroid function] Xiang KS. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):619-22 (Eng. Abstr.) **(Chi)**

[Kidney transplantation in the Netherlands] Paul LC, et al. **Ned Tijdschr Geneeskd** 1984 Sep 29;128(39):1859-60 **(Dut)**

[Early failures in the creation of arteriovenous fistulas for hemodialysis in adults. Analysis of a series of 104 patients] Bitker MO, et al. **Ann Urol (Paris)** 1984 Apr;18(2):98-102 (Eng. Abstr.) **(Fre)**

[Treatment of chronic renal insufficiency in the diabetic by dialysis and transplantation] Legrain M, et al. **Diabete Metab** 1985 Feb;11(1):51-69 (166 ref.) (Eng. Abstr.) **(Fre)**

[Self dialysis: a new method of treatment for end-stage renal disease] Fournier G, et al. **Nephrologie** 1984;5(3):115-8 (Eng. Abstr.) **(Fre)**

[5 years of continuous ambulatory peritoneal dialysis (CAPD) (multicenter study of 345 patients)] Verger C, et al. **Nephrologie** 1985;6(1):1-6 (Eng. Abstr.) **(Fre)**

[Continuous ambulatory peritoneal dialysis before renal transplantation] Fries D, et al. **Presse Med** 1985 Apr 13; 14(15):819-21 (Eng. Abstr.) **(Fre)**

[Peritonitis in renal failure patients treated by continuous ambulatory peritoneal dialysis. Treatment by intraperitoneal administration of a group M penicillin] Pierre D, et al. **Presse Med** 1985 Jun 29;14(26):1413-6 (Eng. Abstr.) **(Fre)**

[Treatment of end-stage chronic renal failure in Switzerland] Spertini F, et al. **Schweiz Med Wochenschr** 1985 May 25; 115(21):722-7 (Eng. Abstr.) **(Fre)**

[Clinical pharmacokinetics of furosemide during continuous ambulatory peritoneal dialysis] Boutron H, et al. **Therapie** 1985 May-Jun;40(3):155-9 (Eng. Abstr.) **(Fre)**

[Terminal chronic renal insufficiency. Current possibilities in substitution therapy in the Tunisian Sahel region] el May M, et al. **Tunis Med** 1983 Jan-Feb;61(1):53-6 (Eng. Abstr.) **(Fre)**

[Development and current status of blood--purifying procedures] Joop A. **Biomed Tech (Berlin)** 1984 Jun; 29(6):127-31 (Eng. Abstr.) **(Ger)**

[Development of membranes for dialysis] Nederlof B, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):131-41 (Eng. Abstr.) **(Ger)**

[Controlled microprocessor volumetric ultrafiltration in a hemodialysis unit] von der Haar F, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):141-6 (Eng. Abstr.) **(Ger)**

[Treatment of terminal kidney insufficiency with dialysis or transplantation] Kindler J, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):929-35 **(Ger)**

[Behavior of oxypolygelatine (Gelifundol) in patients with dialysis-dependent kidney failure] Bambauer R, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):157-60 (Eng. Abstr.) **(Ger)**

[Development of the treatment of chronic renal insufficiency in children in West Germany] Pistor K. **Klin Padiatr** 1984 Jul-Aug;196(4):187-90 (Eng. Abstr.) **(Ger)**

[Use of low molecular-weight heparin in hemodialysis patients] Schrader J, et al. **Klin Wochenschr** 1985 Jan 15; 63(2):49-55 (Eng. Abstr.) **(Ger)**

[Long-term dialysis in relation to insurance medicine] Graefe U, et al. **Lebensversicherungsmedizin** 1985 May 1; 37(3):66-71 (Eng. Abstr.) **(Ger)**

[Psychosocial care of children and adolescents with chronic kidney disease (in a 2-year period)--problems, tasks, services] Dittmann RW, et al. **Rehabilitation (Stuttg)** 1984 Aug;23(3):97-105 (Eng. Abstr.) **(Ger)**

[Continuous ambulatory peritoneal dialysis. An alternative to hemodialysis] Groth H, et al. **Schweiz Rundsch Med Prax** 1984 Dec 18;73(51-52):1569-75 (Eng. Abstr.) **(Ger)**

[Postoperative asystole caused by malfunction of an external demand pacemaker during hemofiltration] Klepzig H Jr, et al. **Z Kardiol** 1985 Feb;74(2):130-1 (Eng. Abstr.) **(Ger)**

[Hair loss following chronic hemodialysis] Galamb L, et al. **Z Urol Nephrol** 1984 Aug;77(8):491-4 (Eng. Abstr.) **(Ger)**

[Peritoneum as dialysis membrane--a morphologic study] Korten G. **Z Urol Nephrol** 1984 Dec;77(12):721-7 (Eng. Abstr.) **(Ger)**

[Optimization of peritoneal dialysis using diffusion curves] Korten G. **Z Urol Nephrol** 1985 Feb;78(2):111-5 (Eng. Abstr.) **(Ger)**

[Renal transplantation in amyloid nephropathy] Bar-Nathan N, et al. **Harefuah** 1985 Apr 1;108(7):329-31 (Eng. Abstr.) **(Heb)**

[Continuous ambulatory peritoneal dialysis] Zimlichman RR, et al. **Harefuah** 1983 Oct 16;105(8):205-8 (Eng. Abstr.) **(Heb)**

[Experience with continuous ambulatory peritoneal dialysis] Ferenczi S, et al. **Orv Hetil** 1985 May 19;126(20):1211-2, 1215-6 (Eng. Abstr.) **(Hun)**

[Experience with peritoneal dialysis using a replaceable intra-abdominal catheter (Repl-a-cath)] Karátson A, et al. **Orv Hetil** 1985 Jun 9;126(23):1415-7 (Eng. Abstr.) **(Hun)**

[Changes in HDL-cholesterol, subfractions HDL2 and HDL3 and apo-A, apo-A1 and apo-B lipoproteins in patients with chronic renal failure subjected to maintenance hemodialysis] Scarazatti E, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):15-21 (Eng. Abstr.) **(Ita)**

[Gastroduodenal peptic pathology in chronic renal failure during hemodialysis] Ambrosini F, et al. **Clin Ter** 1984 Aug 15;110(3):209-14 (Eng. Abstr.) **(Ita)**

[Pregnancy in the patient under chronic hemodialysis treatment. Our clinical experience] Piccione E, et al. **Clin Ter** 1985 Jun 15;113(5):367-73 (Eng. Abstr.) **(Ita)**

[Cimetidine in the treatment of secondary hyperparathyroidism in uremia treated with hemodialysis] Antonucci F, et al. **Minerva Med** 1985 Mar 10; 76(9-10):403-6 **(Ita)**

[Evolution of surgical methods in the treatment of renal osteodystrophy. Personal cases and remote results] Borrelli D, et al. **Minerva Med** 1985 Mar 10;76(9-10):429-39 **(Ita)**

[Long-term treatment of secondary hyperparathyroidism in the chronic hemodialysis patient with 1,25-(OH)2D3] Giachino G, et al. **Minerva Med** 1985 Mar 10; 76(9-10):407-14 **(Ita)**

[Parathyroidectomy in secondary hyperparathyroidism in chronic uremic patients under dialysis treatment. Development of the surgical strategy] Zucchi C. **Minerva Med** 1985 Mar 10;76(9-10):397-401 **(Ita)**

[Clinical assessment of CAPD (continuous ambulatory peritoneal dialysis) for chronic end-stage renal failure] Ohira S, et al. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):478-87 (Eng. Abstr.) **(Jpn)**

[Tuberculosis in dialysis patients. 13. Clinical findings which led to the diagnosis of tuberculosis] Inamoto H. **Kekkaku** 1984 May;59(5):317-22 (Eng. Abstr.) **(Jpn)**

[Arrhythmias in uremic patients on maintenance hemodialysis studied with 24-hour electrocardiographic recording] Hatori M, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr; 27(4):511-7 (Eng. Abstr.) **(Jpn)**

[Kidney volume and acquired cystic disease of the kidney in patients undergoing long-term hemodialysis] Yuhara M. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):733-44 (Eng. Abstr.) **(Jpn)**

[A case of multiple myeloma treated with long-term peritoneal dialysis] Uriu K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1;6(4):391-6 (Eng. Abstr.) **(Jpn)**

[Effectiveness of intermittent peritoneal dialysis conducted by the manual method using commercially available dialysis fluid] Majdan M, et al. **Pol Arch Med Wewn** 1984 Apr; 71(4):231-40 (Eng. Abstr.) **(Pol)**

[Peritonitis in patients with renal failure treated with peritoneal dialysis] Panasiuk E, et al. **Pol Arch Med Wewn** 1984 Apr;71(4):221-9 (Eng. Abstr.) **(Pol)**

[Treatment of a pregnant patient with advanced renal failure by repeated dialysis] Majdan M, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1331-2 **(Pol)**

[Amikacin-induced hearing loss in patients treated with repeated hemodialysis] Niemierko J, et al. **Pol Tyg Lek** 1984 Nov 5;39(45):1477-8 (Eng. Abstr.) **(Pol)**

[Use of gastrointestinal dialysis in the treatment of chronic renal failure] Bubiński R, et al. **Wiad Lek** 1984 Sep 15; 37(18):1421-5 (19 ref.) (Eng. Abstr.) **(Pol)**

[Selected problems in the treatment of diabetic nephropathy] Starzyk J, et al. **Wiad Lek** 1985 Mar 15;38(6):427-31 (42 ref.) **(Pol)**

[Pharmacokinetics of sisomicin during hemosorption and hemodialysis] Firsov AA, et al. **Antibiot Med Biotekhnol** 1985 May;30(5):352-5 (Eng. Abstr.) **(Rus)**

[Pharmacokinetics of ampicillin in patients with chronic renal insufficiency during hemodialysis and hemosorption] Iakovlev VP, et al. **Antibiot Med Biotekhnol** 1985 May; 30(5):380-3 (Eng. Abstr.) **(Rus)**

[Hemodialysis in patients with incorrigible arterial hypertension] Kutsenko AI, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):105-8 (Eng. Abstr.) **(Rus)**

[Effect of hemodialysis and hemosorption on blood serum level of medium-molecular components in patients with chronic renal failure] Kozlov VV, et al. **Ter Arkh** 1984; 56(7):77-81 (Eng. Abstr.) **(Rus)**

[Electromyography in patients in the terminal stages of chronic renal failure treated with regular hemodialysis and hemosorption] Ender LA, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):57-62 (Eng. Abstr.) **(Rus)**

[Hazards and complications of specific ultrafiltration] Iarmolinskii IS, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb; (1):41-4 (Eng. Abstr.) **(Rus)**

[Effect of hemodialysis on the state of water metabolism in patients with renal insufficiency] Vinogradova IL, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):38-41 (Eng. Abstr.) **(Rus)**

[Intravenous alimentation of rats in renal failure] Poriadkov

LF, et al. **Vopr Pitan** 1984 Sep-Oct;(5):62-5 (Eng. Abstr.) **(Rus)**

[Treatment of chronic insufficiency of the kidneys] Veljović R, et al. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1453-66 (Eng. Abstr.) **(Scc)**

[10 years' experience with intermittent peritoneal dialysis in children] Sagát T, et al. **Cesk Pediatr** 1985 Jan;40(1):3-7 (Eng. Abstr.) **(Slo)**

[Peritoneal dialysis using the Tenckhoff catheter. An adequate therapeutic alternative] Vargas-Rosendo R, et al. **Bol Med Hosp Infant Mex** 1984 Oct;41(10):545-50 (Eng. Abstr.) **(Spa)**

[Gestation and spontaneous partus with a live fetus in a patient undergoing periodic hemodialysis. Clinical hormonal study] Cararach V, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):634-6 (Eng. Abstr.) **(Spa)**

[Hemodialysis and pregnancy] Cararach Ramoneda V. **Med Clin (Barc)** 1984 Nov 10;83(15):631-3 **(Spa)**

[Registries of renal patients: a new perspective] Morlans M. **Med Clin (Barc)** 1984 Dec 1;83(18):756-8 **(Spa)**

[Renal transplant and pregnancy. Report of 3 clinical cases] Torres A, et al. **Rev Chil Obstet Ginecol** 1984;49(4):221-8 (Eng. Abstr.) **(Spa)**

[Experience in the routine use of the subclavian vein in hemodialysis] Teixidó J, et al. **Rev Clin Esp** 1984 Jun 15-30; 173(5-6):271-4 (Eng. Abstr.) **(Spa)**

URINE

Calciuric response to 1,25-(OH)2D3 in early renal failure. Cremer B, et al. **Miner Electrolyte Metab** 1985;11(3):182-5

Urinary prostaglandins E2 and F2 alpha in chronic renal failure. Influence of chronic and acute changes in Na balance. Schneider M, et al. **Nephron** 1985;40(2):152-4

VETERINARY

Effects of three diets on dogs with induced chronic renal failure. Finco DR, et al. **Am J Vet Res** 1985 Mar; 46(3):646-53

KIDNEY FUNCTION TESTS

Kidney function and quantitative histological changes in patients on long-term lithium therapy. Jørgensen F, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):455-62

Vancomycin ototoxicity in patients with normal renal function. Mellor JA, et al. **Br J Audiol** 1984 Aug; 18(3):179-80

The effect of graded renal nerve stimulation on renal function in the anaesthetized rabbit. Hesse IF, et al. **Comp Biochem Physiol [A]** 1984;79(3):409-14

Converting enzyme activity in regulation of blood pressure and kidney function. A review. Piryova B, et al. **Cor Vasa** 1984;26(6):401-7

Evaluation of renal function. Priebe HJ. **Int Anesthesiol Clin** 1984 Spring;22(1):121-35

Study of renal function in the different stages of schistosomal hepatic fibrosis. Mahmoud BL, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):583-91

Kidney function and drug action [editorial] Reidenberg MM. **N Engl J Med** 1985 Sep 26;313(13):816-8

An inulin-like clearance based on the atomic absorbance of a copper cluster compound. Bergevin GH, et al. **Physiol Chem Phys Med NMR** 1984;16(4):307-16

Investigating renal function during lithium treatment. Waller DG, et al. **Psychol Med** 1985 May;15(2):369-75

[The effect of hemodialysis on the function of residual nephrons] Teplan V, et al. **Cas Lek Cesk** 1984 Nov 2; 123(44):1341-4 (Eng. Abstr.) **(Cze)**

[Changes in renal excretion of amino acids in patients after portasystemic anastomoses] Nádvorníková H, et al. **Vnitr Lek** 1985 Mar;31(3):276-84 (Eng. Abstr.) **(Cze)**

[The relation of amylase and endogenous creatinine clearance to kidney function] Racek J, et al. **Vnitr Lek** 1985 Aug; 31(8):769-74 (Eng. Abstr.) **(Cze)**

[Diabetic renal disease--is prevention possible? A review based on studies of renal function] Mogensen CE, et al. **Ugeskr Laeger** 1984 Jun 4;146(23):1693-700 (Eng. Abstr.) **(Dan)**

[The diagnosis of acute kidney insufficiency] Koene RA, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):49-52 **(Dut)**

[Urodynamic studies of the upper urinary tract. I. Introduction and diagnosis of the obstruction] Vela-Navarrete R. **Ann Urol (Paris)** 1984 Apr;18(2):81-8 (Eng. Abstr.) **(Fre)**

[Evaluation of renal function and preoperative preparation of high-risk patients] Girard RM, et al. **Union Med Can** 1984 Aug;113(8):656-60 (Eng. Abstr.) **(Fre)**

[Determination of creatinine in the urine as a reference value of substances excreted by the kidney] Bauch K, et al. **Z Gesamte Inn Med** 1985 Apr 1;40(7):201-5 (Eng. Abstr.) **(Ger)**

[Correspondence of functional and structural findings in tubulo-interstitial disorders in chronic glomerulonephritis] Ratner M, et al. **Z Urol Nephrol** 1984 Dec;77(12):711-20 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

[Evaluation of urinary density by AMES reagent strips and comparison to the density determined by refractometry and urinary osmolarity] Audouin W, et al. **Clin Biochem** 1985 Apr;18(2):130-3 **(Fre)**

METHODS

Non-invasive assessment of the kidney. What do nuclear medicine, ultrasonography, digital vascular imaging, computed tomography and magnetic resonance contribute to diagnosis in nephrology? van Ypersele de Strihou C. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:771-90 (121 ref.)

[Age and sex dependence of tubular kidney clearance in childhood] Lauer O, et al. **Fortschr Med** 1984 Oct 25; 102(40):1013-6 (Eng. Abstr.) **(Ger)**

[Animal experiment studies on the functional evaluation of hydronephrosis with non-catheter unilateral determination of 131I-hippuran clearance] Doppelfeld E. **Nuklearmedizin** 1984 Oct;23(5):231-9 (Eng. Abstr.) **(Ger)**

[Pyeloureteral stenosis in adults] Leisinger HJ. **Ther Umsch** 1985 Feb;42(2):121-6 (Eng. Abstr.) **(Ger)**

[Normal value status for urine conductance in childhood following Adiuretin administration] Nentwich HJ, et al. **Z Arztl Fortbild (Jena)** 1984;78(23):997-9 **(Ger)**

[Diagnostic value of lysozyme determination in the urine] Kutter D. **Z Med Lab Diagn** 1985;26(1):21-7 **(Ger)**

[A new method for the determination of the maximal tubular transport of p-aminohippuric acid without urine analysis in children with transplanted kidney] Devaux S, et al. **Z Urol Nephrol** 1984 Nov;77(11):639-46 (Eng. Abstr.) **(Ger)**

[Studies and results of the use of nuclear medicine methods in kidney function tests] Schulze BD, et al. **Z Urol Nephrol** 1984 Nov;77(11):647-54 (Eng. Abstr.) **(Ger)**

[Methodologic references for clinical function diagnosis of glomerular permeability selectivity by molecular wight related protein analysis and additional para-aminohippuric acid load] Wüstenberg PW, et al. **Z Urol Nephrol** 1984 Oct;77(10):605-16 (Eng. Abstr.) **(Ger)**

[The trial of the kinetic study for the renal function, using NMR-CT by gadolinium-DTPA] Ikehira H, et al. **Kaku Igaku** 1985 Feb;22(2):219-24 (Eng. Abstr.) **(Jpn)**

VETERINARY

Single-injection method for evaluation of renal function with 14C-inulin and 3H-tetraethylammonium bromide in dogs and cats. Fettman MJ, et al. **Am J Vet Res** 1985 Feb; 46(2):482-5

Phenolsulfonphthalein test in healthy sheep and in sheep with reductions in functional renal mass. Filippich LJ, et al. **Am J Vet Res** 1985 Mar;46(3):733-8

KIDNEY GLOMERULUS

Primary cerebral lymphoma with glomerular renal involvement. Iskandar SS, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):524-8

Renal glomerulopathies associated with Hodgkin's disease. Powderly WG, et al. **Cancer** 1985 Aug 15;56(4):874-5

Renal hemodynamic abnormalities in patients with short term insulin-dependent diabetes mellitus: role of renal prostaglandins. Esmatjes E, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1231-6

Clinical studies on primary glomerular disease. Hatano M. **Jpn J Med** 1984 Aug;23(3):264-7 (14 ref.)

ABNORMALITIES

An autosomal recessive disorder with glomerular basement membrane abnormalities similar to those seen in the nail patella syndrome: report of a kindred. Salcedo JR. **Am J Med Genet** 1984 Nov;19(3):579-84

[Case of segmental aglomerular hypoplasia of the kidney] Sokolova RI, et al. **Arkh Patol** 1985;47(3):66-8 (Eng. Abstr.) **(Rus)**

ANALYSIS

Quantitative analysis of glomerular basement membrane glycosaminoglycans and evidence for their binding to adjacent cell membrane lipids. Wu VY, et al. **Anal Biochem** 1985 Feb 15;145(1):57-62

Highly sulfated proteochondroitin sulfates synthesized in vitro by rat glomeruli. Kobayashi S, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):71-80

Glycosaminoglycan content of glomerular and tubular basement membranes of various mammalian species. Reubsaet FA, et al. **Biochim Biophys Acta** 1985 Jan 28; 838(1):144-50

Renal involvement patterns of amyloid nephropathy: a comparison with diabetic nephropathy. Nakamoto Y, et al. **Clin Nephrol** 1984 Oct;22(4):188-94

Distribution of isoproterenol action sites between the microvessels and glomeruli isolated from rabbit kidney cortex. Helwig JJ, et al. **Contrib Nephrol** 1984;41:27-30

Demonstration of sialic acid groups in the glomerular basement membrane of the rat with phosphotungstic acid at low pH. Quatacker J. **Histochem J** 1985 Feb;17(2):201-12

Isolation and characterization of the heparan sulfate proteoglycan of the bovine glomerular basement membrane. Parthasarathy N, et al. **J Biol Chem** 1984 Oct 25;259(20):12749-55

Podoendin. A new cell surface protein of the podocyte and endothelium. Huang TW, et al. **J Exp Med** 1985 Jul 1; 162(1):245-67 (43 ref.)

Ferritin deposition in the glomerular deposits of focal glomerular sclerosis in the rat. Melcion C, et al. **J Pathol** 1984 Sep;144(1):45-55

Glomerular hyalinosis and its relation to hyperfiltration. Olson JL, et al. **Lab Invest** 1985 Apr;52(4):387-98

Quantitative method for the determination of glycosaminoglycans from small quantities of glomerular basement membranes. Parthasarathy N. **Renal Physiol** 1985; 8(1):45-9

Solubilization of intraglomerular deposits of serum proteins by fresh human sera or gamma-globulin in patients with diabetic nephropathy. Tomino Y, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):147-54

Localization and distribution of anionic charges in the glomerular mesangium of normal and nephrotic rats. Grond J, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):135-43

[Distribution of polyanions in glomerular basement membrane of various experimental models of glomerulonephritis in rats] Hanzawa S, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):703-10 (Eng. Abstr.) **(Jpn)**

[Glomerular polyanion and beta-glucuronidase--histochemical studies of glomerular diseases] Tsuji M. **Nippon Naika Gakkai Zasshi** 1984 May; 73(5):589-97 **(Jpn)**

ANATOMY & HISTOLOGY

Enzymatic dissection of the glomerulus. Jones DB. **Lab Invest** 1985 Apr;52(4):453-61

Studies on the 'linear pattern' in renal glomeruli demonstrated with immunofluorescence. Kawachi H, et al. **Nephron** 1985; 39(1):36-9

A comparison of two techniques for determining glomerular size distributions in domestic fowl. Unflat JG, et al. **Poult Sci** 1985 Jun;64(6):1210-5

[Comparative study of organotypic cultures of glomeruli isolated from the renal cortex of the rat by 2 different technics] Cambar J, et al. **Ann Pharm Fr** 1984;42(3):243-7 (Eng. Abstr.) **(Fre)**

[Morphological development of glomeruli] Benčat M. **Bratisl Lek Listy** 1984 Oct;82(4):1215-21 (Eng. Abstr.) **(Slo)**

BLOOD SUPPLY

Kinin stimulation of renin release in isolated rat glomeruli. Beierwaltes WH, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F757-61

Tubuloglomerular feedback-mediated decreases in glomerular pressure in Munich-Wistar rats. Bell PD, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F877-80

Angiotensin II in adrenergic-induced alterations in glomerular hemodynamics. Pelayo JC, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F799-807

Feedback pressure-flow responses in normal and angiotensin-prostaglandin-blocked rats. Persson AE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F925-31

Glomerular and postglomerular permselectivity to anionic dextrans in the dog. Whiteside C, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F965-74

Mesangio-capillary processes and their reactivo-mobile potentials in extreme exertion on the kidney. Melman EP, et al. **Anat Anz** 1984;157(3):199-211

The development of glomerular capillary tufts of the bullfrog kidney from a straight interstitial vessel to an anastomosed capillary network. A scanning electron microscopic study of vascular casts. Naito I. **Arch Histol Jpn** 1984 Oct; 47(4):441-56

Intraglomerular metastases. Report of two cases. Belghiti D, et al. **Cancer** 1984 Nov 15;54(10):2309-12

Vessel sclerosis and progression in IgA nephropathy. Feiner HD, et al. **Contrib Nephrol** 1984;40:222-7

Pre- and postglomerular arterioles of the kidney. Kriz W, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S24-30

Mechanism of preservation of glomerular perfusion and filtration during acute extracellular fluid volume depletion. Importance of intrarenal vasopressin-prostaglandin interaction for protecting kidneys from constrictor action of vasopressin. Yared A, et al. **J Clin Invest** 1985 May; 75(5):1477-87

Selective glomerular thrombosis in rats induced by combined injections of nephrotoxic antiserum and lipopolysaccharide. Naruse T, et al. **J Lab Clin Med** 1985 Feb;105(2):146-56

Morphometry of superficial glomeruli in acute hypertension in the rat. Olivetti G, et al. **Kidney Int** 1985 Jan;27(1):31-8

Influence of systemically applied angiotensin II on the microcirculation of glomerular capillaries in the rat. Zimmerhackl B, et al. **Kidney Int** 1985 Jan;27(1):17-24

Distribution of parathyroid hormone-sensitive adenylate cyclase in isolated rabbit renal cortex microvessels and glomeruli. Helwig JJ, et al. **Life Sci** 1984 Dec 24; 35(26):2649-57

Electron-dense deposits in extraglomerular vascular structures in IgA nephropathy. A retrospective study. Hulette C, et al. **Nephron** 1985;39(3):179-83

Effect of loop of Henle flow rate on glomerular capillary pressure. Briggs JP. **Renal Physiol** 1984;7(5):311-20

An attempt to measure glomerular plasma flow by the cationic dyes alcian blue and ruthenium red. Lavik OJ, et al. **Renal Physiol** 1985;8(3):136-9

Enhancement of renal prostaglandin E2 and renin release by autoregulatory dilation of preglomerular vessels in dogs. Vikse A, et al. **Renal Physiol** 1985;8(3):169-78

[Comparative study of the vasoreactivity of isolated human cortical and juxtamedullary glomeruli using verapamil and dopamine] Martin-Dupont P, et al. **C R Acad Sci [III]** 1984; 299(7):199-204 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Distribution of actin in mesangial cell of rat glomerulus. Ito K, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1267-76

Evidence for a mouse mesangial cell-derived factor that stimulates lymphocyte proliferation. MacCarthy EP, et al. **J Clin Invest** 1985 Aug;76(2):426-30

The functional characteristics of cultured rat mesangial cell. Tanaka T, et al. **Jpn Circ J** 1984 Sep;48(9):1017-29

Improved methods for culturing rat glomerular cells. Harper PA, et al. **Kidney Int** 1984 Dec;26(6):875-80

Glomerular cell culture. Striker GE, et al. **Lab Invest** 1985 Aug;53(2):122-31 (92 ref.)

Influence of human platelet factors on the proliferation of rat mesangial glomerular cells. Tranqui I, et al. **Thromb Res** 1985 Jul 15;39(2):245-51

Cellular aspects of rabbit Masugi nephritis V. Ultrastructural cytochemistry of monocytic cells. Akikusa B, et al. **Virchows Arch [Cell Pathol]** 1984;47(3):223-32

DRUG EFFECTS

Daunomycin-induced nephropathy in rats. Kubosawa H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):109-23

Effects of the aminonucleoside of puromycin on glomerular epithelial cells in vitro. Fishman JA, et al. **Am J Pathol** 1985 Mar;118(3):398-407

Opposing effects of captopril and aprotinin on tubuloglomerular feedback responses. Schnermann J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F912-8

Glomerular response to verapamil by isolated spontaneously hypertensive rat kidney. Steele TH, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F668-73

Enhancement of glomerular permeability to anionic ferritin induced by kidney perfusion with collagenase. Schaeverbeke J, et al. **Biol Cell** 1985;53(2):179-85

Adriamycin-induced chronic proteinuria: a structural and functional study. O'Donnell MP, et al. **J Lab Clin Med** 1985 Jul;106(1):62-7

Glomerular alterations in uranyl acetate-induced acute renal failure in rabbits. Kobayashi S, et al. **Kidney Int** 1984 Dec; 26(6):808-15

Role of oxygen radicals in phorbol myristate acetate-induced glomerular injury. Rehan A, et al. **Kidney Int** 1985 Mar; 27(3):503-11

Effects of renal arterial angiotensin I infusion on glomerular dynamics in sodium replete dogs. Rosivall L, et al. **Kidney Int** 1984 Sep;26(3):263-8

Effect of gentamicin on isolated glomeruli and proximal tubules of the rabbit. Savin V, et al. **Lab Invest** 1985 Jan; 52(1):93-102

Amino acids release somatostatin-like immunoreactivity from isolated rat glomeruli. Fujibayashi S, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):263-7

Changes in glomerular basement membrane collagen caused by DOCA-NaCl treatment in rats. Hausmann J, et al. **Nephron** 1985;39(3):250-4

Angiotensin II effects upon glomerular intracapillary volume in the rat. Fujiwara Y, et al. **Renal Physiol** 1984;7(6):344-8

The effect of muzolimine on the tubuloglomerular feedback mechanism in the rat kidney. Davis JM, et al. **Z Kardiol** 1985;74 Suppl 2:161-5

[Influence of 3 beta-blockers on the diameter of glomeruli isolated from the renal cortex of rats] Brondeau P, et al. **C R Soc Biol (Paris)** 1985;179(1):98-101 (Eng. Abstr.) **(Fre)**

EMBRYOLOGY

Incomplete fusion of the epithelial and endothelial basement membranes in interspecies hybrid glomeruli. Sariola H. **Cell Differ** 1984 Aug;14(3):189-95

ENZYMOLOGY

Cytochemical demonstration of ATPase activity in the rat kidney basement membrane using the cerium-based method. Hardonk MJ, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:253-61

Stimulation of guanylate cyclase by atrial natriuretic factor in isolated human glomeruli. Ardaillou N, et al. **FEBS Lett** 1985 Sep 9;189(1):8-12

Isoproterenol-sensitive adenylate cyclase in glomeruli isolated from young and adult rat renal cortex. Judes C, et al. **Gen Pharmacol** 1985;16(3):205-10

Glomerular lysozyme binding in protein-overload proteinuria. Bliss DJ, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):351-9

GROWTH & DEVELOPMENT

Chemical composition and solubility of human glomerular and tubular basement membranes of adult and senescent men. Langeveld JP, et al. **Int J Biochem** 1984; 16(12):1255-64

IMMUNOLOGY

Production of monoclonal antibodies to human glomerular basement membrane. Mino Y, et al. **Acta Med Okayama** 1984 Oct;38(5):483-6

Glomerular deposition of IgA in experimental hepatic cirrhosis. Iida H, et al. **Acta Pathol Jpn** 1985 May; 35(3):561-7

Immunologic mechanisms of renal disease. Adler S, et al. **Am J Med Sci** 1985 Feb;289(2):55-60 (20 ref.)

Anti-GBM antibody-induced proteinuria in isolated perfused rat kidney. Couser WG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F241-50

Cross-reaction between streptococcal protoplast membrane and human glomerular basement membrane. Banchuin N, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):247-51

Free intraglomerular malarial antigens. Pakasa M, et al. **Br J Exp Pathol** 1985 Aug;66(4):493-501

Regulation of autoantibody responses to glomerular basement membrane in man and experimental animals. Lockwood CM. **Ciba Found Symp** 1984;108:227-42

Glomerular deposition of immune complexes prepared with monomeric or polymeric IgA. Rifai A, et al. **Clin Exp Immunol** 1985 May;60(2):363-8

Solubilization of intraglomerular deposits of IgG immune complexes by human sera or gamma-globulin in patients with lupus nephritis. Tomino Y, et al. **Clin Exp Immunol** 1984 Oct;58(1):42-8

Production of monoclonal anti-glomerular basement membrane antibodies during autoimmune glomerulonephritis. Hirsch F, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):425-30

Cell populations and membrane attack complex in glomeruli of patients with post-streptococcal glomerulonephritis: identification using monoclonal antibodies by indirect immunofluorescence. Parra G, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):324-32

Antiglomerular basement membrane antibodies in human sera: detection by a modified micro-ELISA. Weber M, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):285-94

De-novo anti-GBM-antibody-induced glomerulonephritis in a renal transplant. Boyce N, et al. **Clin Nephrol** 1985 Mar;23(3):148-51

Local immune complex formation and pathogenesis of glomerulonephritis. Vogt A, et al. **Contrib Nephrol** 1984; 43:51-63 (34 ref.)

Modified immunofluorescent antibody test: demonstration of nephritogenic antigen in glomeruli of rats. Cornish J, et al. **Diagn Immunol** 1984;2(3):133-6

Role of hypertension in progressive glomerular immune injury. Raij L, et al. **Hypertension** 1985 May-Jun;7(3 Pt 1):398-404

Effect of prostaglandins on immune complex interaction with glomerular cells in vitro. Lavelle KJ, et al. **Immunol Invest** 1985 Feb;14(1):57-71

Effect of human IgM rheumatoid factor on the glomerular site of localization of passively administered immune complexes in mice. Germuth FG, et al. **Immunology** 1984 Oct;53(2):395-8

Immunofluorescence microscopy in glomerulopathy. Mehta K, et al. **Indian Pediatr** 1984 Sep;21(9):701-5

Localization of covalent immune complexes on the epithelial side of the glomerular basement membrane in mice. Lew AM, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):242-9

Unilateral glomerular DNA-anti-DNA complex formation in situ. O'Regan S, et al. **J Clin Lab Immunol** 1984 Oct; 15(2):101-4

Experimental autoimmune glomerulonephritis with pulmonary hemorrhage in rats. The dose-effect relationship of the nephritogenic antigen from bovine glomerular basement membrane. Sado Y, et al. **J Clin Lab Immunol** 1984 Dec;15(4):199-204

Antibody localization in the glomerular basement membrane may precede in situ immune deposit formation in rat glomeruli. Agodoa LY, et al. **J Immunol** 1985 Feb; 134(2):880-4

Antibody-induced redistribution of Heymann antigen on the surface of cultured glomerular visceral epithelial cells: possible role in the pathogenesis of Heymann glomerulonephritis. Camussi G, et al. **J Immunol** 1985 Oct; 135(4):2409-16

Nuclear pore complexes deposited in the glomerular basement membrane are associated with autoantibodies in a case of membranous nephritis. Dales S, et al. **J Immunol** 1985 Mar;134(3):1588-93

Analysis of nephritogenic antigens in human glomerular basement membrane by two-dimensional gel electrophoresis. Yoshioka K, et al. **J Immunol** 1985 Jun; 134(6):3831-7

Effect of alterations in glomerular charge on deposition of cationic and anionic antibodies to fixed glomerular antigens in the rat. Adler S, et al. **J Lab Clin Med** 1985 Jul; 106(1):1-11

Enzyme immunoassay of anti-glomerular basement membrane antibodies. Fish AJ, et al. **J Lab Clin Med** 1985 Jun;105(6):700-5

The glomerular ultrastructural distribution of immunoglobulin G in hyperalbuminaemic (protein-overload) proteinuria. Howie AJ, et al. **J Pathol** 1985 Mar;145(3):213-27

Immunofluorescent analysis of renal biopsies in uncomplicated Schistosoma haematobium infections in children. Higashi GI, et al. **J Trop Med Hyg** 1984 Jun; 87(3):123-9

Adult nephroblastoma with glomerular intracapillary deposits of IgM in the contralateral kidney. Banik S, et al. **J Urol** 1985 Aug;134(2):339-41

Nitroblue tetrazolium (NBT) reduction by polymorphonuclear leukocytes on contact with immune complexes in renal glomeruli. Yamamoto T, et al. **Jpn J Exp Med** 1983 Dec;53(6):275-80

Detection of terminal complement components in experimental immune glomerular injury. Adler S, et al. **Kidney Int** 1984 Dec;26(6):830-7

Role of terminal complement pathway in the heterologous phase of antiglomerular basement membrane nephritis. Groggel GC, et al. **Kidney Int** 1985 Apr;27(4):643-51

Effect of antibody charge and concentration on deposition of antibody to glomerular basement membrane. Madaio MP, et al. **Kidney Int** 1984 Oct;26(4):397-403

Spontaneous glomerulonephritis in rabbits: role of a glomerular capillary antigen. Neale TJ, et al. **Kidney Int** 1984 Nov;26(5):701-11

The influence of HLA-linked genes on the severity of anti-GBM antibody-mediated nephritis. Rees AJ, et al. **Kidney Int** 1984 Oct;26(4):445-50

Modulation of Ia and leukocyte common antigen expression in rat glomeruli during the course of glomerulonephritis and aminonucleoside nephrosis. Schreiner GF, et al. **Lab Invest** 1984 Nov;51(5):524-33

Cigarette smoking and lung haemorrhage in anti-glomerular-basement-membrane nephritis [letter] Leaker B, et al. **Lancet** 1984 Nov 3;2(8410):1039

The human glomerular C3 receptor. Fischer E, et al. **Mol Immunol** 1984 Dec;21(12):1223-7

DR expression on vascular endothelial cells in normal human kidney [letter] Arrizabalaga P, et al. **Nephron** 1984; 38(3):215-6

Monoclonal antibodies against rat glomerular antigens. Okura T, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1155-67

Circulating antibody-antigen complexes following Trypanosoma musculi infection in mice genetically selected to produce high or low affinity antibody. Pattison JR, et al. **Parasite Immunol** 1985 Jan;7(1):81-92

Relationship of glomerular phagocytic cells to immune complexes and DNA autoantibodies in NZB/W mice. Cronin NA, et al. **Pathology** 1985 Jan;17(1):96-100

Glomerular C3b receptor loss in renal allografts. Nolasco F, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1015-20

IgG Fc membrane receptor on normal human glomerular visceral epithelial cells. Mancilla-Jimenez R, et al. **Virchows Arch [A]** 1984;404(2):139-58

Glomerular electron-dense deposits in childhood IgA nephropathy. Yoshikawa N, et al. **Virchows Arch [A]** 1985; 406(1):33-43

Ultramicroscopic localization of cationized antigen in the glomerular basement membrane in the course of active, in situ immune complex glomerulonephritis. Oite T, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):107-18

Interaction of xenogeneic antiglomerular antibodies with foetal pig tissues. Rossmann P, et al. **Zentralbl Allg Pathol** 1984;129(3):235-49

[Characteristics of the immune complexes deposited in the glomeruli in experimental chronic serum sickness nephritis] Masugi Y. **Nippon Ika Daigaku Zasshi** 1984 Dec; 51(6):649-56 (23 ref.) **(Jpn)**

[A histological study of idiopathic nephrotic syndrome--localization of IgM in the glomeruli] Akano N, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):235-42 (Eng. Abstr.) **(Jpn)**

[A study of glomerular C3b-receptor: the physicochemical characteristics and the changes in glomerulonephritis] Akiyama T. **Nippon Jinzo Gakkai Shi** 1984 Jun; 26(6):805-22 (Eng. Abstr.) **(Jpn)**

[The effect of antigenic charge on the glomerular deposition of immune complexes in acute serum sickness of rabbits] Kobayashi M, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr; 27(4):473-80 (Eng. Abstr.) **(Jpn)**

[The effect of antigenic charge on the glomerular localization of immune complexes in passive serum sickness nephritis of mice] Koyama A, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1037-44 (Eng. Abstr.) **(Jpn)**

[Electron microscopic observation of immune deposit in membranous nephropathy--on the localization of IgG deposit in the glomeruli and its significance] Murohashi T. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):13-20 (Eng. Abstr.) **(Jpn)**

[The effect of antigen charge on the glomerular localization of immune complexes in passive serum sickness nephritis of mice] Ohta Y, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug; 26(8):1029-36 (Eng. Abstr.) **(Jpn)**

[Antinephritic effect of trimetazidine on nephrotic-type and crescentic-type anti-GBM nephritis in rats] Suzuki Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):209-19 (Eng. Abstr.) **(Jpn)**

[A study on biological activity of immune complexes deposited in the glomeruli in various renal diseases of children] Uenoyama F. **Nippon Jinzo Gakkai Shi** 1984 Aug; 26(8):1143-54 (Eng. Abstr.) **(Jpn)**

[Anti-glomerular non-collagen glycoprotein antibody in nephritis] Nagasawa T. **Nippon Rinsho** 1984 Jun; 42(6):1322-7 **(Jpn)**

[Various immunopathological phenomena and their role in the pathogenesis of glomerulonephritis] Kacprzyk F, et al. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):23-45 (117 ref.)

(Eng. Abstr.) (Pol)

METABOLISM

Human platelet cationic proteins bind to rat glomeruli, induce loss of anionic charges and increase glomerular permeability. Tetta C, et al. **Agents Actions** 1985 Mar; 16(1-2):24-6

Creatinine clearance estimation from serum creatinine values: an analysis of three mathematical models of glomerular function. Gates GF. **Am J Kidney Dis** 1985 Mar; 5(3):199-205

Decreased plasma fibronectin levels in children with hemolytic-uremic syndrome. Cosio FG, et al. **Am J Med** 1985 Apr;78(4):549-54

Heparin and glomerular epithelial cell-secreted heparin-like species inhibit mesangial-cell proliferation. Castellot JJ Jr, et al. **Am J Pathol** 1985 Sep;120(3):427-35

Charge-related deposition of immune complexes in the glomerular basement membrane is independent of Fc effector function. Caulin-Glaser T, et al. **Am J Pathol** 1985 May;119(2):288-93

Histogenesis of glomerular crescents. Immunohistochemical demonstration of cytokeratin in crescent cells. Magil AB. **Am J Pathol** 1985 Aug;120(2):222-9

Glomerular ultrafiltration dynamics: historical perspective. Arendshorst WJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F163-74 (90 ref.)

Differential stimulation of PGE2 synthesis in mesangial cells by angiotensin and A23187. Schlondorff D, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C119-26

Glomerular prostaglandin formation in two-kidney, one-clip hypertensive rats. Stahl RA, et al. **Am J Physiol** 1984 Dec; 247(6 Pt 2):F975-81

Binding of an aldose reductase inhibitor to renal glomeruli. Cohen MP, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):530-5

Lack of inhibition by atrial natriuretic factor on cyclic AMP levels in single nephron segments and the glomerulus. Umemura S, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):943-9

Dopamine production by isolated glomeruli and tubules from rat kidneys. Baines AD, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):155-8

Transport of charged macromolecules across a biological charged membrane. Van Damme M, et al. **Comput Programs Biomed** 1985;19(2-3):107-17

Differentiation of the glomerular filtration barrier in the rat fetus: possible role of collagen. Bakala H, et al. **Connect Tissue Res** 1985;13(4):283-90

Endocrine control of glomerular filtration rate. Ardaillou R, et al. **Contrib Nephrol** 1984;41:10-9

Prostaglandin synthesis by glomeruli isolated from normal and chronically rejected human kidneys. Friedlander G, et al. **Contrib Nephrol** 1984;41:20-2

Nonenzymatic glycation of fibronectin and alterations in the molecular association of cell matrix and basement membrane components in diabetes mellitus. Tarsio JF, et al. **Diabetes** 1985 May;34(5):477-84

Proximal glomerulo-tubular balance in patients with type 1 (insulin-dependent) diabetes mellitus. Brøchner-Mortensen J, et al. **Diabetologia** 1984 Aug; 27(2):189-92

Preservation of fixed anionic sites in the GBM in the acute proteinuric phase of cationic antigen mediated in-situ immune complex glomerulonephritis in the rat. Suzuki Y, et al. **Histochemistry** 1984;81(3):243-6

Effect of glandular kallikrein on renin release in isolated rat glomeruli. Beierwaltes WH, et al. **Hypertension** 1985 Jan-Feb;7(1):27-31

Incorporation of 35sulfate into the glomerular basement membrane in puromycin aminonucleoside nephrosis. Garin EH, et al. **Int J Pediatr Nephrol** 1985 Apr-Jun;6(2):117-20

Leukotriene C4 binds to human glomerular epithelial cells and promotes their proliferation in vitro. Baud L, et al. **J Clin Invest** 1985 Jul;76(1):374-7

Increased glomerular thromboxane synthesis as a possible cause of proteinuria in experimental nephrosis. Remuzzi G, et al. **J Clin Invest** 1985 Jan;75(1):94-101

Increased prostaglandin production by glomeruli isolated from rats with streptozotocin-induced diabetes mellitus. Schambelan M, et al. **J Clin Invest** 1985 Feb;75(2):404-12 (78 ref.)

Aromatic L-amino acid decarboxylase, dopamine beta-hydroxylase, monoamine oxidase, malondialdehyde, and acid phosphatase in rat brain capillaries and kidney glomeruli in experimental hypertension. Valli VV, et al. **J Neurosci Res** 1985;13(4):481-8

Lipoxygenase products mediate the attachment of rat macrophages to glomeruli in vitro. Baud L, et al. **Kidney Int** 1985 Jun;27(6):855-63

Unaltered anionic sites of glomerular basement membrane in aminonucleoside nephrosis. Kanwar YS, et al. **Kidney Int** 1984 Apr;25(4):613-8

Characterization of glomerular permeability and proteinuria in acute hypertension in the rat. Olivetti G, et al. **Kidney Int** 1984 Apr;25(4):599-607

Actions and metabolism of histamine in glomeruli and tubules of the human kidney. Sedor JR, et al. **Kidney Int** 1984 Aug;26(2):144-52

Angiotensin II stimulation of prostaglandin E2 and 6-keto-F1 alpha formation by isolated human glomeruli. Stahl RA, et al. **Kidney Int** 1984 Jul;26(1):30-4

Procoagulant activity in glomeruli and urine of rabbits with nephrotoxic nephritis. Wiggins RC, et al. **Lab Invest** 1985 Aug;53(2):156-65

Ca2+-dependent modulation of renin release from isolated glomeruli: apparent independence from alterations in cGMP. Craven PA, et al. **Metabolism** 1985 Jul;34(7):651-7

Effect of supernatants from nephrotic peripheral blood mononuclear cells on 35sulfate incorporation in rat glomerular basement membrane. Garin EH, et al. **Pediatr Res** 1985 Aug;19(8):836-40

Effects of adenosine on renin release from isolated rat glomeruli and kidney slices. Skøtt O, et al. **Pflugers Arch** 1985 Jul;404(3):232-7

De novo cellular synthesis of sulfated proteoglycans of the developing renal glomerulus in vivo. Kanwar YS, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7108-11

Glomerular albumin leakage and morphology after neutralization of polyanions. I. Albumin clearance and sieving coefficient in the isolated perfused rat kidney. Assel E, et al. **Renal Physiol** 1984;7(6):357-64

Glomerular biosynthesis of hydroxyeicosatetraenoic acids in nephrotoxic serum nephritis. Lianos EA, et al. **Trans Assoc Am Physicians** 1983;96:444-50

[Receptors and substance metabolism in the kidney glomerulus] Matsunaga H, et al. **Nippon Rinsho** 1984 Jun; 42(6):1265-72 **(Jpn)**

PATHOLOGY

Subepithelial electron-dense deposits in idiopathic and lupus membranous glomerulonephropathy [letter] Baumal R, et al. **Am J Clin Pathol** 1985 Jun;83(6):775

Glomerulocystic kidney disease. Report of an adult case. Dosa S, et al. **Am J Clin Pathol** 1984 Nov;82(5):619-21

Embolic tubular epithelial cells in percutaneous renal biopsies. Yamase HT, et al. **Am J Clin Pathol** 1985 Jun; 83(6):716-9

Focal sclerosis of hypertrophied glomeruli in solitary functioning kidneys of humans. Bhathena DB, et al. **Am J Kidney Dis** 1985 May;5(5):226-32

Abnormally thin glomerular basement membranes associated with hematuria, proteinuria or renal failure in adults. Dische FE, et al. **Am J Nephrol** 1985;5(2):103-9

IgA nephropathy in Japan [clinical conference] Glassock RJ, et al. **Am J Nephrol** 1985;5(2):127-37

Clinical and pathological features of membranous glomerulonephritis of systemic lupus erythematosus. Schwartz MM, et al. **Am J Nephrol** 1984;4(5):301-11

Glomerular basement membrane discontinuities. Scanning electron microscopic study of acellular glomeruli. Bonsib SM. **Am J Pathol** 1985 Jun;119(3):357-60

Quantitative indexes of aminonucleoside-induced nephrotic syndrome. Nevins TE, et al. **Am J Pathol** 1984 Oct; 117(1):30-6

Idiopathic immune complex glomerulonephritis in dogs with multisystem involvement. Jeraj KP, et al. **Am J Vet Res** 1984 Sep;45(9):1699-705

Renal disease and the acquired immunodeficiency syndrome [letter] Bennett SJ, et al. **Ann Intern Med** 1985 Feb; 102(2):274-5

Tubular microfibrils in the glomeruli of membranous nephropathy. Olesnicky L, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):902-5

Location of glomerular lesions in focal segmental glomerulosclerosis [letter] Poucell S, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):482-3

Glomerular transplant rejection: a distinctive pattern of early graft damage. Axelsen RA, et al. **Clin Nephrol** 1985 Jan; 23(1):1-11

Monoclonal antibody analysis of glomerular hypercellularity in human glomerulonephritis. Hooke DH, et al. **Clin Nephrol** 1984 Oct;22(4):163-8

Twenty-seven children with focal segmental glomerulosclerosis: correlation between the segmental location of the glomerular lesions and prognosis. Ito H, et al. **Clin Nephrol** 1984 Jul;22(1):9-14

Discriminant analysis in renal histological diagnosis of primary glomerular diseases. Tomura S, et al. **Clin Nephrol** 1985 Feb;23(2):55-62

Methods of identification of macrophages in tissues. Cattell V. **Contrib Nephrol** 1985;45:123-30

Role of monocytes in human glomerulonephritis. Histochemical study. Ferrario F, et al. **Contrib Nephrol** 1985;45:131-40

Is renal biopsy overused in patients with systemic lupus erythematosus? Kühn K, et al. **Contrib Nephrol** 1984; 43:45-50 (39 ref.)

Predictive value of renal biopsy in lupus nephritis. Waldherr R. **Contrib Nephrol** 1984;43:36-44 (28 ref.)

Glucosylated plasma protein injection does not produce glomerular basement membrane thickening. Näthke HE, et al. **Horm Metab Res** 1984 Oct;16(10):557-8

Renal biopsy findings in Wegener's granulomatosis: segmental necrotizing glomerulonephritis with glomerular thrombosis. Weiss MA, et al. **Hum Pathol** 1984 Oct; 15(10):943-56

A distinctive glomerular lesion complicating placental site trophoblastic tumor: report of two cases. Young RH, et al. **Hum Pathol** 1985 Jan;16(1):35-42

The significance of focal segmental glomerulosclerosis in oligomeganephronia. McGraw M, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):67-72

Control of glomerular hypertension limits glomerular injury in rats with reduced renal mass. Anderson S, et al. **J Clin Invest** 1985 Aug;76(2):612-9

Glomerular thrombi in renal allografts associated with cyclosporin treatment. Neild GH, et al. **J Clin Pathol** 1985 Mar;38(3):253-8

Cell proliferation within Bowman's capsule in mice. Morley AR, et al. **J Pathol** 1985 Apr;145(4):315-27

Focal segmental glomerulosclerosis in children with idiopathic nephrotic syndrome. A report of the Southwest Pediatric Nephrology Study Group. **Kidney Int** 1985 Feb; 27(2):442-9

A clinico-pathologic study of crescentic glomerulonephritis in 50 children. A report of the Southwest Pediatric Nephrology Study Group. **Kidney Int** 1985 Feb;27(2):450-8

Pathology of fetal congenital nephrosis: immunohistochemical and ultrastructural studies. Rapola J, et al. **Kidney Int** 1984 Apr;25(4):701-7

Evidence for the role of oxygen radicals in acute nephrotoxic nephritis. Rehan A, et al. **Lab Invest** 1984 Oct;51(4):396-403

Immunotactoid glomerulopathy. Korbet SM, et al. **Medicine (Baltimore)** 1985 Jul;64(4):228-43

Renal retinal dysplasia with diffuse glomerular cysts. Kobayashi Y, et al. **Nephron** 1985;39(3):201-5

Monocyte escape through a glomerular capillary basement membrane gap. An ultrastructural observation in a case of acute glomerulonephritis. Mazzucco G, et al. **Nephron** 1985;39(3):272-4

A case report of membranoproliferative glomerulonephritis type II with atypical intramembranous dense deposits. Fukushi K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar; 27(3):287-93

Peripheral glomerular capillary wall lesions in IgA nephropathy and their implications. Ng WL, et al. **Pathology** 1984 Jul;16(3):324-30

Clinicopathologic spectrum of glomerulocystic kidneys: report of two cases and a brief review of literature. Joshi VV, et al. **Pediatr Pathol** 1984;2(2):171-86

Mechanisms and factors regulating the growth of glomerular cells. Striker GE, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:791-8

Membranous glomerulopathy following kidney transplantation. Association with renal vein thrombosis in two of nine cases. First MR, et al. **Transplantation** 1984 Dec;38(6):603-7

Time course of glomerular endothelial injury related to pulsatile perfusion preservation. Gattone VH 2d, et al. **Transplantation** 1985 Apr;39(4):396-9

Glomerular monocyte infiltration in human nephropathies: prevalence and correlation with clinical and morphological variables. Monga G, et al. **Virchows Arch [A]** 1985; 405(4):483-96

[Pregnancy toxemia and hyperplasia of the juxtaglomerular apparatus] Chomette G, et al. **Arch Anat Cytol Pathol** 1985; 33(3):175-8 (Eng. Abstr.) **(Fre)**

[Clinico-pathological study of idiopathic membranous glomerulonephritis] Amagasaki Y. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):123-37 (Eng. Abstr.) **(Jpn)**

[Histopathological study of the kidney in experimental hypertension induced by long-term stress] Takaki Y. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1549-64 (Eng. Abstr.) **(Jpn)**

[Histopathological studies on the glomerular basement membrane and mesangium--problem of the peroxidase-antiperoxidase method] Ueda Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):393-408 (Eng. Abstr.) **(Jpn)**

[Renal pathology in fulminant hepatitis: multinucleated giant cells in the renal tubules] Yokoyama H, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1479-85 (Eng. Abstr.) **(Jpn)**

[Renal lesions in aortitis syndrome (Takayasu's arteritis)] Yoshimura M, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov; 26(11):1565-73 (Eng. Abstr.) **(Jpn)**

[Glomerular diseases and myeloma and amyloidosis] Kagimoto T, et al. **Nippon Rinsho** 1984 Jun;42(6):1430-4 **(Jpn)**

[Glomerular diseases and liver diseases] Kato E, et al. **Nippon Rinsho** 1984 Jun;42(6):1424-9 **(Jpn)**

[Classification of glomerular diseases--autopsy and biopsy of the kidney] Sakaguchi H. **Nippon Rinsho** 1984 Jun; 42(6):1246-7 **(Jpn)**

[Glomerular diseases associated with disseminated intravascular coagulation] Shimamura K. **Nippon Rinsho** 1984 Jun;42(6):1452-8 **(Jpn)**

[Morphological changes of the kidney glomerulus in autoimmune diseases] Wada J. **Nippon Rinsho** 1984 Jun; 42(6):1418-23 **(Jpn)**

[Pathological studies of the kidney glomerulus] Yajima G. **Nippon Rinsho** 1984 Jun;42(6):1248-57 **(Jpn)**

[Morpho-clinical variants of chronic glomerulonephritis and their significance for the evaluation of the severity of the disease] Ratner MIa, et al. **Arkh Patol** 1984;46(11):46-52 (Eng. Abstr.) **(Rus)**

[Glomerulus-like structures in Wilms' tumor] Sokolova IN. **Arkh Patol** 1984;46(12):36-42 (Eng. Abstr.) **(Rus)**

[Clinical interpretation of morphological changes in the kidneys in patients with hypertension in its initial stages] Razumov VV, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):96-102 **(Rus)**

PHYSIOLOGY

Tubuloglomerular feedback in hypertensive rats of the Milan strain. Persson AE, et al. **Acta Physiol Scand** 1985 Feb;123(2):139-46

The effect of 2 hours of complete unilateral ureteral obstruction on tubuloglomerular feedback control. Persson AE, et al. **Acta Physiol Scand** 1984 Sep;122(1):35-43

Evidence of defective tubuloglomerular feedback control in rats of the Milan hypertensive strain (MHS). Persson AE, et al. **Acta Physiol Scand** 1984 Oct;122(2):217-9

The influence of tubulo-glomerular feedback on the autoregulation of filtration rate in superficial and deep glomeruli. Sjöquist M, et al. **Acta Physiol Scand** 1984 Nov;122(3):235-42

Tubuloglomerular feedback activity in virgin and 12-day-pregnant rats. Baylis C, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F169-73

Quantitative characterization of the tubuloglomerular feedback response: effect of growth. Briggs JP, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F808-15

Heteroporous model of glomerular size selectivity: application to normal and nephrotic humans. Deen WM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F374-89

Dynamics of glomerular filtration in the river lamprey, Lampetra fluviatilis L. McVicar AJ, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F132-8

An alternate method for estimating efferent arteriolar plasma colloid osmotic pressure. Wolfert AI, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F444-8

Effects of chronic prolactin administration on renal hemodynamics in the rat. Baylis C, et al. **Endocrinology** 1985 Aug;117(2):722-9

An iterative algebraic simulation of renal glomerular dynamics. Isaacson LC. **Int J Biomed Comput** 1984 Sep-Oct;15(5):371-80

Mechanism of sodium modulation of glomerular angiotensin receptors in the rat. Bellucci A, et al. **J Clin Invest** 1984 Nov;74(5):1593-600

Dietary protein suppresses feedback control of glomerular filtration in rats. Seney FD Jr, et al. **J Clin Invest** 1985 Feb;75(2):558-68

Age is a determinant of the glomerular morphologic and functional responses to chronic nephron loss. O'Donnell MP, et al. **J Lab Clin Med** 1985 Sep;106(3):308-13

Role of fibrinogen in the glomerular permeability of the perfused, isolated dog kidney. Masri MA, et al. **Kidney Int** 1985 May;27(5):807-10

Effects of intra-animal nephron heterogeneity on studies of glomerular dynamics. Oken DE, et al. **Kidney Int** 1985 Jun;27(6):871-8

Effect of furosemide administration on glomerular and tubular dynamics in the rat. Tucker BJ, et al. **Kidney Int** 1984 Aug;26(2):112-21

Charge and the kidney [editorial] **Lancet** 1984 Sep 29;2(8405):732

Degradation of rat or sheep glomerular basement membrane by rabbit neutrophils in vitro. The roles of proteinases, complement and oxygen-derived radicals. Bray J, et al. **Mol Biol Med** 1983 Sep;1(2):253-69

Age-related changes in rat glomerular basement membrane components solubilised with pepsin. Khalil-Manesh F, et al. **Renal Physiol** 1985;8(2):120-8

[Glomerular permeability] **Nippon Jinzo Gakkai Shi** 1984 Jul;26(7):970-82 **(Jpn)**

[Ultrafiltration of the kidney glomerulus and permeability of macromolecular substances] Honda N. **Nippon Rinsho** 1984 Jun;42(6):1258-64 **(Jpn)**

[Effect of chorionic gonadotropin on water diuresis and electrolyte excretion in rats] Mittsiev KG, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):63-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Enhanced tubuloglomerular feedback activity in rats developing spontaneous hypertension. Dilley JR, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F672-9

Tubuloglomerular feedback after nephron or ureteral obstruction. Tanner GA. **Am J Physiol** 1985 May;248(5 Pt 2):F688-97

Acute renal failure following massive mannitol infusion. Appropriate response of tubuloglomerular feedback? Goldwasser P, et al. **Arch Intern Med** 1984 Nov;144(11):2214-6

Tubuloglomerular feedback and interstitial pressure in obstructive nephropathy. Wahlberg J, et al. **Kidney Int** 1984 Sep;26(3):294-301

Inhibition of glomerular visceral epithelial cell endocytosis during nephrosis induced by puromycin aminonucleoside. Schwartz MM, et al. **Lab Invest** 1984 Dec;51(6):690-6

[Changes in the glomerular filtration barrier during aging in rats] Cheignon M, et al. **C R Acad Sci [III]** 1984;299(9):379-82 (Eng. Abstr.) **(Fre)**

[Comparative study of urine immunoelectrophoresis and 4 indexes of glomerular selectivity in chronic glomerulopathies] Cahen R, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):23-6 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Radiation damage in rat kidney microvasculature. Nelson AC, et al. **Scan Electron Microsc** 1984;(Pt 3):1273-7

Renal toxicity in uranium mill workers. Thun MJ, et al. **Scand J Work Environ Health** 1985 Apr;11(2):83-90

RADIOGRAPHY

Preliminary report on digitalization of renal microangiograms used in analysing renal parenchymal diseases. Takahashi M, et al. **Radiat Med** 1983 Jul-Sep;1(3):208-10

ULTRASTRUCTURE

Detection of autoantibodies and glomerular injury in rabbits immunized with denatured human fibronectin monomer. Murphy-Ullrich JE, et al. **Am J Pathol** 1984 Oct;117(1):1-11

Perturbation of podocyte plasma membrane domains in experimental nephrosis. A lectin-binding and freeze-fracture study. Orci L, et al. **Am J Pathol** 1984 Nov;117(2):286-97

Glomerular capillary aneurysms in light-chain nephropathy. An ultrastructural proposal of pathogenesis. Sinniah R, et al. **Am J Pathol** 1985 Feb;118(2):298-305

Direct visualization of the isolated and perfused macula densa. Kirk KL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F890-4

Cytoskeleton ultrastructure of podocytes and glomerular endothelial cells in man and in the rat. Vasmant D, et al. **Anat Rec** 1984 Sep;210(1):17-24

Stratified laminae fenestratae (alveolus fenestratus endothelialis) in the glomerular capillaries of the mouse kidney. Kondo H, et al. **Arch Histol Jpn** 1985 Feb;48(1):117-22

Vascularization and glomerular ultrastructure in the pig mesonephros. Tiedemann K, et al. **Cell Tissue Res** 1984;238(1):165-75

Identification and characterization of leukotriene C4 receptors in isolated rat renal glomeruli. Ballermann BJ, et al. **Circ Res** 1985 Mar;56(3):324-30

Proteinuria in amyloidosis correlates with epithelial detachment and distortion of amyloid fibrils. Katafuchi R, et al. **Clin Nephrol** 1984 Jul;22(1):1-8

Ultrastructural lesions of Henoch-Schönlein syndrome and IgA nephropathy: similarities and differences. Mihatsch MJ, et al. **Contrib Nephrol** 1984;40:255-63

Fluorescent and radiolabelling of pepsin-digested human glomerular basement membrane with a newly developed hydroxy-coumarin derivative (CASE). Rand-Weaver M, et al. **FEBS Lett** 1985 Mar 11;182(1):185-8

Origin of the glomerular basement membrane visualized after in vivo labeling of laminin in newborn rat kidneys. Abrahamson DR. **J Cell Biol** 1985 Jun;100(6):1988-2000

Incidence of intraglomerular platelets in steroid sensitive nephrotic syndrome. Uttley JM, et al. **J Clin Pathol** 1985 Mar;38(3):259-64

Glomerular albumin leakage and morphology after neutralization of polyanions. II. Discrepancy of protamine induced albuminuria and fine structure of the glomerular filtration barrier. Sonnenburg-Hatzopoulos C, et al. **J Submicrosc Cytol** 1984 Oct;16(4):741-51

Glomerular endothelial injury related to simple hypothermic storage: an electron microscopic study in the rat. Stahl DA, et al. **J Submicrosc Cytol** 1985 Jul;17(3):345-50

Foot process fusion and glomerular filtration rate in minimal change nephrotic syndrome. Bohman SO, et al. **Kidney Int** 1984 Apr;25(4):696-700

Scanning electron microscopy of acellular glomeruli in nephrotic syndrome. Bonsib SM. **Kidney Int** 1985 Apr;27(4):678-84

Scanning electron microscopic study on glomerular lesions in MRL/MpJ lpr mice. Hashimoto K, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1263-73

Effects of aminoglycosides on glomerular ultrastructure. Maita K, et al. **Pharmacology** 1984;29(5):292-300

Basement membrane heparan sulfate proteoglycans are concentrated in the laminae rarae and in podocytes of the rat renal glomerulus. Stow JL, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3296-300

Scanning electron microscopy of acellular glomeruli in human glomerulonephritis: application of a technique. Bonsib SM. **Ultrastruct Pathol** 1984;7(2-3):215-7

Extracellular fibrils in the renal glomerulus. Duffy JL, et al. **Ultrastruct Pathol** 1984;6(4):iii-vi (27 ref.)

Ultrastructure of renal glomerular hematoxylin bodies. Morita M, et al. **Ultrastruct Pathol** 1984;7(1):13-9

Some unusual features of mesangioproliferative glomerulonephritis in horses. Sabnis SG, et al. **Vet Pathol** 1984 Nov;21(6):574-81

[Clinicopathological study of idiopathic membranous nephropathy--long-term follow-up study] Harada T, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):439-49 (Eng. Abstr.) **(Jpn)**

[An experimental pathological study on the ischemic kidney induced in rabbits by constriction of the homolateral renal artery] Ishimura E. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):419-38 (Eng. Abstr.) **(Jpn)**

[A case of nail-patella syndrome presenting a steroid-resistant nephrotic syndrome--in reference to clinical and morphologic study] Isoda K, et al. **Nippon Jinzo Gakkai Shi** 1985 Apr;27(4):409-17 (Eng. Abstr.) **(Jpn)**

[An electron microscopic study of the glomerular epithelial detachment] Kouda Y, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):21-31 (Eng. Abstr.) **(Jpn)**

[Electron microscopic study of glomerular hematoxylin bodies in lupus nephritis] Morita M, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1285-92 (Eng. Abstr.) **(Jpn)**

[An ultrastructural study on experimental focal glomerular sclerosis] Sano M, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1345-54 (Eng. Abstr.) **(Jpn)**

[Morphological studies on focal glomerular sclerosis (FGS) in rat--disturbance of glomerular polyanion] Satoh H, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):221-34 (Eng. Abstr.) **(Jpn)**

[Pathogenesis of Bartter's syndrome with physiological and histological evaluation. A report of 3 cases in siblings] Taniguchi S, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1495-508 (Eng. Abstr.) **(Jpn)**

[A morphopathological study of the kidney in chronic glomerulonephritis. I. Changes in glomeruli, Bowman's capsule, and afferent and efferent arterioles] Ueda M. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1399-417 (Eng. Abstr.) **(Jpn)**

[Intermediate form between membranoproliferative glomerulonephritis and acute glomerulonephritis] Yoshimura M, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1309-18 (Eng. Abstr.) **(Jpn)**

KIDNEY MEDULLA

Unsuspected medullary nephrocalcinosis from furosemide administration: sonographic evaluation. Reuter K, et al. **JCU** 1985 Jun;13(5):357-9

ABNORMALITIES

[Aberrant renal papilla. Apropos of a case] Anagnostopoulos C, et al. **J Radiol** 1985 May;66(5):393-5 (Eng. Abstr.) **(Fre)**

ANATOMY & HISTOLOGY

On the existence of renal medullary lymphatics [editorial] O'Morchoe CC. **Lymphology** 1985 Mar;18(1):2-4

[Correlations between Randall's plaques and renal microcalcifications] Floris F, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):241-2 (Eng. Abstr.) **(Ita)**

BLOOD SUPPLY

Prostaglandin synthesis inhibitors and vasa recta erythrocyte velocities in the rat. Lemley KV, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F562-7

Fluid uptake in the renal papilla by vasa recta estimated by two methods simultaneously. Zimmerhackl B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F347-53

Blood supply and drainage of the outer medulla of the rat kidney: scanning electron microscopy of microvascular casts. Yamamoto K, et al. **Anat Rec** 1984 Oct;210(2):273-7

Videomicroscopic method for direct determination of blood flow to the papilla of the kidney. Jamison RL, et al. **Ann Biomed Eng** 1985;13(3-4):273-80

Arterial vascularization of renal papillae and minor calyces. Kosiński H. **Folia Morphol** 1984;43(2):153-8

Effect of arginine vasopressin on renal medullary blood flow. A videomicroscopic study in the rat. Zimmerhackl B, et al. **J Clin Invest** 1985 Aug;76(2):770-8

Renin release from isolated afferent arterioles. Itoh S, et al. **Kidney Int** 1985 May;27(5):762-7

CYTOLOGY

Differentiated lines of cells from rabbit renal medullary thick ascending limbs grown on amnion. Green N, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C97-104

Transmembrane potential of renal papillary epithelial cells: effect of urea and DDAVP. Sands JM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F762-6

DRUG EFFECTS

Antidiuretic hormone antagonists and aquaresis in dogs: different vasopressin sensitivity and antagonist potency in renal cortex and papilla. Stassen FL, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):100-5

ENZYMOLOGY

Identification of an unusual cyclooxygenase metabolite of arachidonic acid in rabbit renal medulla. Morrison AR, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):413-7

Spin-labeled ouabain as a probe for cardiac glycoside receptor/Na, K-ATPase. Solomonson LP, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):210-6

Asymmetric orientation of amino groups in the alpha-subunit and the beta-subunit of (Na+ + K+)-ATPase in tight right-side-out vesicles of basolateral membranes from outer medulla. Dzhandzhugazyan KN, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):165-73

Minimal functional unit for transport and enzyme activities of (Na+ + K+)-ATPase as determined by radiation inactivation. Karlish SJ, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):288-98

Bradykinin stimulates phospholipase C in rat renal medullary slices. Speziale N, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):14-8

Three-dimensional structure of renal Na,K-ATPase determined by electron microscopy of membrane crystals. Herbert H, et al. **FEBS Lett** 1985 Jul 22;187(1):182-6

Papain digestion of the subunits of (Na,K)-ATPase.

Kamimura K, et al. **FEBS Lett** 1985 Jul 22;187(1):135-40

Enzyme systems involved in the formation of reactive metabolites in the renal medulla: cooxidation via prostaglandin H synthase. Zenser TV, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):922-9

Purification of mouse brain (Na+ + K+)-ATPase catalytic unit, characterization of antiserum, and immunocytochemical localization in cerebellum, choroid plexus, and kidney. Siegel GJ, et al. **J Histochem Cytochem** 1984 Dec;32(12):1309-18

GROWTH & DEVELOPMENT

Alterations of linoleic, arachidonic and eicosapentaenoic acids in renal cortex and medulla of SHR during the onset of hypertension. Singer P, et al. **Biomed Biochim Acta** 1984; 43(8-9):S247-50

Renotropic stimulation of DNA synthesis of proximal tubules and endothelial cells in the outer medulla. Nomura K, et al. **Nephron** 1985;39(3):255-60

METABOLISM

Selective anoxic injury to thick ascending limb: an anginal syndrome of the renal medulla? Brezis M, et al. **Adv Exp Med Biol** 1984;180:239-49 (19 ref.)

Effects of dDAVP on rat juxtamedullary nephrons: stimulation of medullary K recycling. Elalouf JM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F291-8

Rat renal medulla possess high capacity to catabolize prostaglandins. Speziale E, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):69-74

The interaction of amiloride analogues with the Na+/H+ exchanger in kidney medulla microsomes. Labelle EF, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):129-38

Decrease of arachidonic acid in phosphatidylcholine from renal medulla of SHR after feeding a linoleic and linolenic acid-rich diet. Wirth M, et al. **Biomed Biochim Acta** 1984; 43(8-9):S239-41

Comparison of the effects of calcium alpha-glycerophosphate and Ca2+ on prostaglandin synthesis in rabbit kidney medulla slices. Fujita T, et al. **Comp Biochem Physiol [C]** 1985;80(1):141-3

Determination of the functional molecular size of vasopressin isoreceptors. Crause P, et al. **FEBS Lett** 1984 Oct 1; 175(2):383-6

Augmentation of unesterified arachidonic acid in the renal inner medulla of dexamethasone-treated rats. Relationship to altered triglyceride metabolism. Erman A, et al. **J Biol Chem** 1985 Apr 25;260(8):4679-83

23Na NMR studies of rat outer medullary kidney tubules. Rayson BM, et al. **J Biol Chem** 1985 Jun 25;260(12):7276-80

Medullary collecting duct acidification. Effects of potassium, HCO3 concentration, and pCO2. Jacobson HR. **J Clin Invest** 1984 Dec;74(6):2107-14

Effect of ageing on cyclic AMP output by renal medullary cells in response to arginine vasopressin in vitro in C57BL/Icrfat mice. Goddard C, et al. **J Endocrinol** 1984 Nov;103(2):133-9

The intrarenal distribution of aztreonam in healthy and diseased kidneys: clinical therapeutic implications. Watson AJ, et al. **J Infect Dis** 1984 Nov;150(5):631-5

Phospholipid methylation in the calcium-dependent release of arachidonate for prostaglandin synthesis in renal medulla. Craven PA, et al. **J Lab Clin Med** 1984 Oct; 104(4):480-93

Effect of sodium azide and sodium selenite on prostaglandin synthesis in rabbit kidney medulla slices. Fujimoto Y, et al. **J Pharm Pharmacol** 1985 Feb;37(2):129-30

Arachidonic acid metabolism in a cell suspension isolated from rabbit renal outer medulla. Ferreri NR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):441-8

Identification of vasopressin and determination of its corticomedullary levels in rat kidney tissue. Shimizu K, et al. **Kidney Int** 1984 Dec;26(6):785-90

Effect of cortical-medullary gradient for ammonia on urinary excretion of ammonia. Stern L, et al. **Kidney Int** 1985 Apr; 27(4):652-61

B2 bradykinin receptor-like binding in rat renomedullary interstitial cells. Fredrick MJ, et al. **Life Sci** 1985 Jul 29; 37(4):331-8

Evidence for two molecular forms of solubilized vasopressin receptors in rat kidney membranes. Regulation by guanyl nucleotides. Guillon G, et al. **Mol Pharmacol** 1984 Sep; 26(2):241-7

Vasopressin receptor subtypes in dorsal hindbrain and renal medulla. Cornett LE, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):85-9

[Activity of cAMP-dependent protein kinases and cAMP-binding proteins from rat renal cytosol upon dehydration.] Zelenina MN, et al. **Biokhimiia** 1985 Mar; 50(3):439-42 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Adenovirus-like particles associated with intranuclear inclusion bodies in the kidney of a common murre (uria aalge). Lowenstine LJ, et al. **Avian Dis** 1985 Jan-Mar; 29(1):208-13

PATHOLOGY

Cellular mechanisms of drug-induced papillary necrosis. Sabatini S. **J Pharmacol Exp Ther** 1985 Jan;232(1):214-9

Papillary stones: calcified renal tubules in Randall's plaques. Cifuentes Delatte L, et al. **J Urol** 1985 Mar;133(3):490-4

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 25-1985. A 27-year-old man with recurrent bleeding from the left kidney for 13 years. **N Engl J Med** 1985 Jun 20;312(25):1623-31

Papillary pore counts: a method of studying developmental aberrations in diseased juvenile kidneys. Heuser ET, et al. **Pediatr Pathol** 1983 Jan-Mar;1(1):67-79

[Lipid granularity and topographic characteristics of renomedullary interstitial cells in genetically spontaneous hypertension in rats] Tsibel' BN, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):358-60 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Hypertension produced by chemical renal medullectomy: evidence for a renomedullary vasodepressor function in the rat. Taverner D, et al. **Clin Sci** 1984 Nov;67(5):521-8

The morphology and antihypertensive effect of renomedullary interstitial cells derived from Dahl sensitive and resistant rats. Pitcock JA, et al. **Exp Mol Pathol** 1985 Feb;42(1):29-43

Role of renal papillae in the regulation of sodium excretion during acute elevation of renal perfusion pressure in the rat. Chen PS, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):893-8

The renal antihypertensive hormone. Muirhead EE, et al. **J Hypertens** 1985 Feb;3(1):1-8 (107 ref.)

Na to Cl permeability in newborn rabbit superficial and juxtamedullary proximal convoluted tubules. Holmberg C, et al. **Miner Electrolyte Metab** 1985;11(4):215-22

PHYSIOPATHOLOGY

Fluid volumes and hemodynamics in hypertension produced by chemical renal medullectomy. Taverner D, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H415-20

Role of the renal medulla in experimental hypertension. Russell GI, et al. **Contrib Nephrol** 1984;41:163-6

Role of the medullary perfusion defect in the pathogenesis of ischemic renal failure. Mason J, et al. **Kidney Int** 1984 Sep;26(3):283-93

SURGERY

Impaired renal concentrating capacity in the rat after surgical resection of the papilla. Gobe GC, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):373-9

ULTRASTRUCTURE

Response of the medullary thick ascending limb to hypothyroidism in the rat. Bentley AG, et al. **Am J Pathol** 1985 Aug;120(2):215-21

Renal medullary lymphatics: microradiographic, light, and electron microscopic studies in pigs. Cuttino JT Jr, et al. **Lymphology** 1985 Mar;18(1):24-30

[Functional morphology of interstitial cells of the renal medulla] Sokolova RI, et al. **Arkh Patol** 1984;46(11):22-8 (Eng. Abstr.) **(Rus)**

KIDNEY NEOPLASMS

Renal cell carcinoma metastatic to skin. Lumpkin LR 3d, et al. **Cutis** 1984 Aug;34(2):143-4

Late metastases of a hypernephroma to the thyroid and the pancreas. Weerdenburg JP, et al. **Diagn Imag Clin Med** 1984;53(5):269-72

Nephroblastoma presenting with pneumomediastinum. Das K, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar; 26(1):46-7

Metastases to the penis from renal cell carcinoma. Ali Khan S, et al. **Int Urol Nephrol** 1984;16(4):323-5

Renal cell carcinoma presenting as skeletal muscle mass. Alexiou G, et al. **J Surg Oncol** 1984 Sep;27(1):23-5

Renal masses [editorial] deKernion JB. **J Urol** 1985 Feb; 133(2):251-2

Chylous ascites complicating genitourinary oncological surgery. Ferrigni RG, et al. **J Urol** 1985 Oct;134(4):774-6

Neocarzinostatin-induced complete regression of metastatic renal cell carcinoma. Satake I, et al. **J Urol** 1985 Jan; 133(1):87-9

Extrarenal Wilms' tumor. Todd DW, et al. **Minn Med** 1984 Nov;67(11):635-8

Renal oncocytoma. A report of 3 cases. Behari R, et al. **S Afr Med J** 1985 Feb 2;67(5):182-3

Genital tract metastases from renal cell carcinoma--a case report and discussion. Sharma ND, et al. **Scott Med J** 1985 Jan;30(1):43-5

Case report 287: Metastatic Wilms tumor with rhabdomyosarcomatous and osteosarcomatous elements. Bertoni F. **Skeletal Radiol** 1984;12(3):218-21

Sarcoma of renal capsule. Morgenstern B, et al. **Urology** 1985 Mar;25(3):324-5

Diagnosis and management of renal angiomyolipoma. Pode D, et al. **Urology** 1985 May;25(5):461-7

[Thyroid metastasis of a kidney cancer] Dufour B, et al. **Ann Urol (Paris)** 1984 May;18(3):206-7 (Eng. Abstr.) **(Fre)**

[Renal cancer in the pregnant woman] Le Guillou M, et al. **Ann Urol (Paris)** 1985;19(1):69-70 (Eng. Abstr.) **(Fre)**

[Thyroid metastases from a nephro-epithelioma] Py JM, et al. **Ann Urol (Paris)** 1985;19(2):119-23 (Eng. Abstr.) **(Fre)**

[Cancer of the kidney with cardiac metastasis. Value of bidimensional echography (letter)] Aubran M, et al. **Presse Med** 1984 Dec 15;13(45):2763 **(Fre)**

[Late ileal and peritoneal metastases of renal adenocarcinoma disclosed by occlusion (letter)] Billebaud T, et al. **Presse Med** 1984 Nov 10;13(40):2457 **(Fre)**

[Malignant renal fibrous histiocytoma] Weiner P, et al. **Harefuah** 1984 Dec 16;107(12):392-3 (Eng. Abstr.) **(Heb)**

[A case of renal angiomyolipoma in pregnancy] Pozzi V, et al. **Minerva Ginecol** 1985 Apr;37(4):147-52 (Eng. Abstr.) **(Ita)**

[A clinical study of renal tumors] Tamai H, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1255-68 (Eng. Abstr.) **(Jpn)**

[Controversies in renal carcinoma] Netto Júnior NR, et al. **Rev Paul Med** 1984 Jul-Aug;102(4):159-62 **(Por)**

[Primary osteosarcoma of the kidney] Valach A, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1362-8 (Eng. Abstr.) **(Slo)**

[An unusual location of a metastasis of Wilm's tumor] Horniaková M, et al. **Rozhl Chir** 1984 Nov;63(11):778-82 (Eng. Abstr.) **(Slo)**

ANALYSIS

Glycosaminoglycan in the blood and renal tissue of a patient with nephroblastomatosis. Jaynes PK, et al. **Ann Clin Lab Sci** 1985 Jan-Feb;15(1):45-50

Characteristic [3H]glucosamine-labeled glycoproteins in two-dimensional electrophoretograms of human renal cancer cells: identification as cathepsin D. Higashi T, et al. **Arch Biochem Biophys** 1985 May 1;238(2):680-7

Histochemical and immunohistochemical characterization of surgically resected and heterotransplanted Wilms' tumor. Yeger H, et al. **Cancer Res** 1985 May;45(5):2350-7

Mesoblastic nephroma contains fibronectin but lacks laminin. Kumar S, et al. **J Clin Pathol** 1985 May;38(5):507-11

Flow cytometric deoxyribonucleic acid analysis of primary and metastatic human renal cell carcinoma. Chin JL, et al. **J Urol** 1985 Apr;133(4):582-5

Absence of immunoperoxidase staining for myoglobin in the malignant rhabdoid tumor of the kidney. Rutledge J, et al. **Pediatr Pathol** 1983 Jan-Mar;1(1):93-8

[A basement membrane antigen isolated from renal cell carcinoma, and its localization in the tissue] Sakashita S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr; 75(4):594-9 (Eng. Abstr.) **(Jpn)**

[Steroid hormone receptors in kidney cancer tissue] Smirnova KD, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):3-5 (Eng. Abstr.) **(Rus)**

BLOOD

Acquired dysfibrinogenemia. Paraneoplastic syndrome in renal cell carcinoma. Dawson NA, et al. **Am J Med** 1985 Apr;78(4):682-6

Blood-group antigen expression in renal pelvic and ureteral tumors [letter] Strobel SL, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):307

Hypercalcemia associated with transitional cell carcinoma without bone metastases: description of two cases. Harel G, et al. **Urol Int** 1985;40(3):164-5

[Hematologic changes in renal neoplasms] Piccinini L, et al. **Minerva Med** 1984 Nov 10;75(43):2597-602 (Eng. Abstr.) **(Ita)**

[A case of renal carcinoma with bone metastasis, producing alpha-fetoprotein] Nishimura T, et al. **Hinyokika Kiyo** 1984 Jul;30(7):903-5 (Eng. Abstr.) **(Jpn)**

BLOOD SUPPLY

Significance of collateral arterial supply to Wilms' tumours. Lundkvist K, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):293-7

Effect of reduced perfusion pressure and acetylcholine on local blood flow in tumors in the rat kidney. Gadeholt G, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):285-9

Enhancement of mouse natural killer cell activity after dearterialization of experimental renal tumors. Johnson G, et al. **J Urol** 1984 Dec;132(6):1250-3

'Macro' aneurysm in renal angiomyolipoma: two cases, with therapeutic embolization in one patient. Adler J, et al. **Urol Radiol** 1984;6(3-4):201-3

Management of bleeding renal angiomyolipomas by transcatheter embolization following CT diagnosis. Zerhouni EA, et al. **Urol Radiol** 1984;6(3-4):205-9

CHEMICALLY INDUCED

Identification of a high-frequency model for renal carcinoma by the induction of renal tumors in the mouse with a single dose of streptozotocin. Hard GC. **Cancer Res** 1985 Feb; 45(2):703-8

Estrogen 2- and 4-hydroxylase activity, catechol estrogen formation, and implications for estrogen carcinogenesis in the hamster kidney. Li SA, et al. **Cancer Res** 1985 Jan; 45(1):181-5

Promoting effect of nicotinamide on the development of renal tubular cell tumors in rats initiated with diethylnitrosamine Rosenberg MR, et al. **Cancer Res** 1985 Feb;45(2):809-14

Dose-related effect of trisodium nitrilotriacetate monohydrate on renal tumorigenesis initiated with N-ethyl-N-hydroxyethylnitrosamine in rats. Hiasa Y, et

PHYSIOLOGY

Tubuloglomerul
strain. Pers
123(2):139
The effe
obstr
AF
Ev

907-10
ate on lead subacetate
ale Sprague-Dawley rats.
sis 1985 Feb;6(2):279-82
DNA damage preceding
ogenesis. Liehr JG, et al.
7-9
s and renal cancers in rats
of nickel compounds.
arcinogenesis 1984 Nov;

d in male mice by
l for studying the role of
enesis. Turusov VS, et al.
5-31

Bilateral renal papillary adenocarcinoma in a young man on long-term captopril therapy. Walecki JK, et al. **J Natl Med Assoc** 1984 Nov;76(11):1124, 1134

Gasoline exposure, smoking, and kidney cancer [letter] Domiano SF, et al. **J Occup Med** 1985 Jun;27(6):398-9

Enhancing effect on N-nitrosodimethylamine-induced tumorigenesis by unilateral hydronephrosis. Ohmori T. **JNCI** 1984 Oct;73(4):951-7

Dose-related enhancing effect of potassium bromate on renal tumorigenesis in rats initiated with N-ethyl-N-hydroxyethyl-nitrosamine. Kurokawa Y, et al. **Jpn J Cancer Res** 1985 Jul;76(7):583-9

[Thorotrast-induced carcinoma of the renal pelvis] Madsen MR, et al. **Ugeskr Laeger** 1985 Mar 11;147(11):939-41 (Eng. Abstr.) **(Dan)**

[Pathogenesis of human cancer development due to environmental factors] Kanisawa M. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1445-56 (Eng. Abstr.) **(Jpn)**

[Modifying action of neonatal androgenization on 1,2-dimethylhydrazine-induced carcinogenesis in male CBA-strain mice] Smirnova IO, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):187-9 (Eng. Abstr.) **(Rus)**

[Carcinogenic effect of N-nitrosodimethylamine after application to rat skin] Benemanskiĭ VV, et al. **Eksp Onkol** 1985;7(2):20-1 (Eng. Abstr.) **(Rus)**

[Influence of retinol acetate and carbon tetrachloride on the transplacental carcinogenic effect of N-nitrosoethylurea] Bespalov VG, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):67-70 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Oncogenic osteomalacia and renal adenomatoid dysplasia [letter] Lustman F, et al. **Ann Intern Med** 1985 Jun;102(6):869-70

Association of Wilms' tumor with Peter's anomaly. Eiferman RA. **Ann Ophthalmol** 1984 Oct;16(10):933-4

Situs ambiguous with polysplenia complicated by renal adenocarcinoma. Hirohata S, et al. **Arch Intern Med** 1985 Jun;145(6):1134-7

Renal adenocarcinoma and systemic amyloidosis. Immunohistochemical and histochemical studies. Somer TP, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):571-4

Haematuria in patients with haemostatic defects. Greer IA, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1648-9

Hypercalcemia preferentially occurs in unusual forms of childhood non-Hodgkin's lymphoma, rhabdomyosarcoma, and Wilms' tumor. A study of 11 cases. Leblanc A, et al. **Cancer** 1984 Nov 15;54(10):2132-6

Cardial decompensation caused by hypertension and polyglobulia associated with multiple renal oncocytomas. Stefenelli T, et al. **Clin Nephrol** 1985 Jun;23(6):307-11

Fetal alcohol syndrome and malignant disease [letter] Kiess W, et al. **Eur J Pediatr** 1984 Dec;143(2):160-1

Spontaneous rupture of renal angiomyolipoma. Report of three cases. Nativ O, et al. **Eur Urol** 1984;10(5):345-6

Metastatic Wilms' tumor causing acute hepatic-vein occlusion (Budd-Chiari syndrome). Schraut WH, et al. **Gastroenterology** 1985 Feb;88(2):576-9

Autoimmune hemolytic anemia associated with hypernephroma. Venzano C, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):59-61

Acquired cystic disease of kidney with multiple renal and urothelial neoplasms. Banerjee SS, et al. **J Clin Pathol** 1985 Aug;38(8):864-7

Occurrence of neuroblastoma and asymmetric crying facies: case report and review of the literature. Lenarsky C, et al. **J Pediatr** 1985 Aug;107(2):268-70

Priapism as the presenting feature of renal cell carcinoma. Sarma DP, et al. **J Surg Oncol** 1985 Feb;28(2):103-7

Computerized tomographic demonstration of inferior vena caval tumor thrombus from renal angiomyolipoma. Brantley RE, et al. **J Urol** 1985 May;133(5):836-7

Squamous cell carcinoma of the renal pelvis associated with hypercalcemia and the presence of parathyroid hormone-like substances in the tumor. Diaz González R, et al. **J Urol** 1985 Jun;133(6):1029-30

Wilms tumor in horseshoe kidneys: a report from the National Wilms Tumor Study. Mesrobian HG, et al. **J Urol** 1985 Jun;133(6):1002-3

Myxoid fibroepithelial polyp in caliceal diverticulum. Ritchey ML, et al. **J Urol** 1985 Jan;133(1):79-80

Renal tumors associated with tuberous sclerosis: the case for aggressive surgical management. Shapiro RA, et al. **J Urol** 1984 Dec;132(6):1170-4

Ogilvie's syndrome developing after ethanol ablation of renal cell carcinoma. Terhune DW, et al. **J Urol** 1985 May;133(5):838-9

Renal capsular leiomyoma causing painless microscopic hematuria. An unusual manifestation of a rare tumor. Ansari A, et al. **Minn Med** 1985 Aug;68(8):577-8, 592

Autoimmune hemolytic anemia associated with a hypernephroma. Johnson P, et al. **South Med J** 1985 Sep;78(9):1129-31

Wilms tumor and nephrotic syndrome in male pseudohermaphroditism. Koyanagi T, et al. **Urology** 1984 Dec;24(6):595-600

[Emergency urological syndromes as a clinical manifestation of kidney tumors] Zozikov B. **Khirurgiia (Sofiia)** 1984;37(5):369-75 (Eng. Abstr.) **(Bul)**

[Primary reninism—a rare cause of malignant renal hypertension] Horký K, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):806-11 (Eng. Abstr.) **(Cze)**

[Multiple cysts of the pancreas associated with bilateral renal adenocarcinoma. Apropos of a case] Wybier M, et al. **Ann Radiol (Paris)** 1985;28(1):76-9 (Eng. Abstr.) **(Fre)**

[Tumors of the kidney and pregnancy] Dumas JP, et al. **Ann Urol (Paris)** 1984 Sep;18(5):339-41 (Eng. Abstr.) **(Fre)**

[Renal cancer in the pregnant woman] Le Guillou M, et al. **Ann Urol (Paris)** 1985;19(1):69-70 (Eng. Abstr.) **(Fre)**

[Hypercalcemia associated with tumors in children. 20 cases] Leblanc A, et al. **Arch Fr Pediatr** 1984 Oct;41(8):551-5 (Eng. Abstr.) **(Fre)**

[Surgical treatment of kidney cancers invading the vena cava: reconstruction of the inferior vena cava using extracorporeal circulation] Fabiani JN, et al. **Chirurgie** 1983;109(9):677-83 (Eng. Abstr.) **(Fre)**

[Cystic form of kidney cancer. Apropos of a case] Richaud C, et al. **J Urol (Paris)** 1984;90(2):135-8 (Eng. Abstr.) **(Fre)**

[Angiomyolipoma of the kidneys in Bourneville-Pringle disease] Weber M, et al. **Klin Wochenschr** 1984 Oct 1;62(19):920-4 (Eng. Abstr.) **(Ger)**

[Sonographic detection of ectatic capsule veins in hypernephroma with tumor occlusion of the renal vein] Uebel HE, et al. **Rontgenpraxis** 1985 Jan;38(1):19-21 **(Ger)**

[Pathogenesis of symptomatic varicocele in kidney tumor] Gieseler B. **Z Urol Nephrol** 1984 Oct;77(10):585-7 (Eng. Abstr.) **(Ger)**

[Wilms tumor in childhood diagnosed during therapy of acute lymphoid leukemia] Zimonyi I, et al. **Orv Hetil** 1985 Jan 13;126(2):91-2 (Eng. Abstr.) **(Hun)**

[Retroperitoneal hematoma caused by a renal angiomyolipoma (review of the literature and diagnostic-therapeutic considerations)] Felici E, et al. **Chir Ital** 1984 Feb;36(1):49-57 (41 ref.) (Eng. Abstr.) **(Ita)**

[A case of renal adenoma associated with staghorn calculus] Fukuoka H, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1225-30 (Eng. Abstr.) **(Jpn)**

[Co-existence of renal cyst and tumor: report of two cases and a review of the literature] Kamada H. et al. **Hinyokika Kiyo** 1985 Jan;31(1):141-6 (Eng. Abstr.) **(Jpn)**

[A case of perirenal encysted hematoma secondary to renal cell adenocarcinoma] Shinoda I, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1633-40 (Eng. Abstr.) **(Jpn)**

[Renal tuberculosis with a contralateral renal adenocarcinoma: a case report] Uchibayashi T, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1351-7 (Eng. Abstr.) **(Jpn)**

[The clinical study of renal cell carcinoma with tumorous caval thrombus] Shibayama T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):408-14 (Eng. Abstr.) **(Jpn)**

[Involvement of IgG-IgG rheumatoid factor in immune complex-mediated membranous nephropathy in cancer (clear cell cancer and oat cell cancer) patients] Takase S, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):640-7 **(Jpn)**

[Ganglioneuroma and chronic secretory diarrhea] De Chiara AM, et al. **Arq Gastroenterol** 1984 Oct-Dec;21(4):196-200 (Eng. Abstr.) **(Por)**

[Amyloidosis in renal cancer] Dutov VV, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):63-4 **(Rus)**

[Paraneoplastic amyloidosis of the kidneys and adrenal glands in a patient with a kidney tumor] Demina TG. **Vrach Delo** 1985 Feb;(2):48-9 **(Rus)**

[Report of a patient with liver angioma, tubular adenoma and a kidney cyst] Buljevac M, et al. **Vojnosanit Pregl** 1985 May-Jun;42(3):223-5 **(Scr)**

[Bladder malacoplakia and renal carcinoma] Llopis B, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):99-102 (Eng. Abstr.) **(Spa)**

[Renal cyst and carcinoma] Martinez-Sagarra Oceja JM, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):173-6 (Eng. Abstr.) **(Spa)**

CONGENITAL

Fetal neuroblastoma and catecholamine-induced maternal hypertension. Newton ER, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):49S-52S

Cellular congenital mesoblastic nephroma in a newborn. Schmidt D, et al. **Pathol Res Pract** 1984 Nov;179(2):242-9

Renal lymphangioma: a cause of neonatal nephromegaly. Pickering SP, et al. **Pediatr Radiol** 1984;14(6):445-8

Wilms' tumor associated with Moyamoya disease: a case report. Watanabe Y, et al. **Z Kinderchir** 1985 Apr;40(2):114-6

DIAGNOSIS

Magnetic resonance imaging and tissue characterization of a renal cell carcinoma and its osseous metastasis. Report of a case. Pettersson H, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):193-5

Renal oncocytoma: sonographic analysis of 14 cases. Goiney RC, et al. **AJR** 1984 Nov;143(5):1001-4

Papillary renal cell carcinoma: CT and sonographic evaluation. Press GA, et al. **AJR** 1984 Nov;143(5):1005-9

Adenocarcinoma of the renal parenchyma. Hollerman JJ. **Am Fam Physician** 1985 May;31(5):91-100

The Perlman syndrome: familial renal dysplasia with Wilms tumor, fetal gigantism and multiple congenital anomalies. Neri G, et al. **Am J Med Genet** 1984 Sep;19(1):195-207

Ultrasound and the diagnosis of Wilms' tumour [letter] Mathers NJ, et al. **Arch Dis Child** 1985 Feb;60(2):186-7

Renal fibrolipomatosis simulating renal pelvic tumour. Kitada S, et al. **Br J Urol** 1984 Apr;56(2):228-9

Mesenchymal chondrosarcoma of the kidney. Malhotra CM, et al. **Cancer** 1984 Dec 1;54(11):2495-9

Management of solid tumors in children. Becton DL, et al. **Compr Ther** 1984 Nov;10(11):58-66

Developmental cystic renal neoplasms in children. Diagnostic imaging characteristics. Fitch S, et al. **Comput Radiol** 1985 May-Jun;9(3):149-58

Primary fibroxanthosarcoma of the kidney presenting as fever of unknown origin. Brauman A, et al. **Eur Urol** 1985;11(2):134-5

Echography in vena cava invasion from renal tumors. Dal Bianco M, et al. **Eur Urol** 1985;11(2):95-9

Diagnosis and treatment of renin-secreting tumors. Report of three cases. Baruch D, et al. **Hypertension** 1984 Sep-Oct;6(5):760-6

An evaluation of the effectiveness of CT vs. other imaging modalities in the diagnosis of atypical renal masses. Curry NS, et al. **Invest Radiol** 1984 Sep-Oct;19(5):447-54

Real-time sonographic diagnosis of a carcinoma in a renal cyst. Dery R, et al. **J Can Assoc Radiol** 1984 Dec;35(4):392-4

Primary osteosarcoma of kidney with liposarcomatous elements. Tuttle RJ, et al. **J Can Assoc Radiol** 1985 Mar;36(1):76-8

Computed tomography and ultrasound demonstration of squamous cell carcinoma of the kidney. Vas W, et al. **J Comput Tomogr** 1985 Jan;9(1):87-9

Retroperitoneal growths adjoining kidney. Singh KP, et al. **J Indian Med Assoc** 1984 Sep;82(9):332-4

Angiomyolipoma of the kidney. A report of five cases. Chung SC, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):61-4

Multilocular cyst of the kidney: a case report. Eisenkraft S, et al. **J Surg Oncol** 1984 Sep;27(1):45-7

Renal plasmacytoma: a case report and summary of reported cases. Kandel LB, et al. **J Urol** 1984 Dec;132(6):1167-9

Renal cell carcinoma in childhood and adolescence: a clinical and pathological study of 17 cases. Lack EE, et al. **J Urol** 1985 May;133(5):822-8

Cystadenocarcinoma of the kidney: a profile of 13 cases. Reznicek SB, et al. **J Urol** 1985 Aug;134(2):256-9

Primary renal liposarcoma mimicking angiomyolipoma on ultrasonography and conventional radiology. Khan AN, et al. **JCU** 1985 Jan;13(1):58-9

Sonographic findings in leukemic renal disease. Kumari-Subaiya S, et al. **JCU** 1984 Oct;12(8):465-72

Ultrasound of transitional cell carcinoma. Ostrovsky PD, et al. **JCU** 1985 Jan;13(1):35-6

Small hyperechoic nodules of the renal parenchyma. Zappasodi F, et al. **JCU** 1985 Jun;13(5):321-4

The value of ultrasonography in early detection of renal cell carcinoma. Rinsho K, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):329-34

Latent hypernephroma. Jitsukawa S, et al. **Keio J Med** 1984 Nov;33(4):177-84

Lung pseudometastases due to vinblastine toxicity [letter] Franchi F, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1047-8

Enhanced MRI of tumors utilizing a new nitroxyl spin label contrast agent. Ehman RL, et al. **Magn Reson Imaging** 1985;3(1):89-97

The diagnosis and management of Wilms' tumor. Green DM. **Pediatr Clin North Am** 1985 Jun;32(3):735-54 (109 ref.)

Renal and hepatic angiomyolipoma. Kreel L. **Postgrad Med J** 1985 Apr;61(714):325-7

Renal carcinoma in Lindau's disease. Nagendran V, et al. **Postgrad Med J** 1984 Sep;60(707):624-5

Case study of patient with disease of the kidneys involving diagnostic imaging. Maycock TL, et al. **Radiography** 1985 Mar-Apr;51(596):113-8

Small, asymptomatic angiomyolipomas of the kidney. Bret PM, et al. **Radiology** 1985 Jan;154(1):7-10

Magnetic resonance imaging in the diagnosis and staging of renal and perirenal neoplasms. Hricak H, et al. **Radiology** 1985 Mar;154(3):709-15

Twenty-eight year old Caucasian female with left flank pain and renal mass [clinical conference] Ruhe E, et al. **SD J Med** 1984 Dec;37(12):5-10

Renal angiomyolipoma: definitive diagnosis by ultrasonography and computerized tomography. Daughtry JD, et al. **South Med J** 1985 Feb;78(2):195-7

Adult Wilms' tumor: clinical and radiographic features. Kumar R, et al. **Urol Radiol** 1984;6(3-4):164-9

Squamous cell carcinoma of renal pelvis. Blacher EJ, et al. **Urology** 1985 Feb;25(2):124-6

[Beta-ultrasonography in the diagnosis of renal carcinoma] Shi JM. **Chung Hua Chung Liu Tsa Chih** 1984 Nov; 6(6):439-41 (Eng. Abstr.) **(Chi)**

[The tumor thrombus in renal vein and inferior vena cava proved by duplex ultrasound. A case report] Chou YH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):265-9 (Eng. Abstr.) **(Chi)**

[Renal oncocytoma] Hansen GL, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):416-7 (Eng. Abstr.) **(Dan)**

[Kidney oncocytoma, clinical and physiopathologic aspects] Boiteux JP, et al. **Acta Urol Belg** 1985;53(1):14-22 (Eng. Abstr.) **(Fre)**

[A case of retroperitoneal tumor (leiomyosarcoma) simulating a kidney tumor] Karageorgis C, et al. **Ann Chir** 1985 Jun; 39(5):337-40 (Eng. Abstr.) **(Fre)**

[Grawitz tumor in children and adolescents: clinical and radiologic characteristics. Apropos of 4 cases] Bernard C, et al. **Ann Pediatr (Paris)** 1985 May;32(5):465-70 (Eng. Abstr.) **(Fre)**

[Perinephretic phlegmon of pseudotumor form] Benoit G, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):282-3 (Eng. Abstr.) **(Fre)**

[Renal oncocytoma. Apropos of 9 cases] Lavarenne V, et al. **Ann Urol (Paris)** 1984 Dec;18(6):411-4 (Eng. Abstr.) **(Fre)**

[Role of echotomography in the diagnosis of renal masses. Comparative study with computerized tomography, arteriography and anatomopathological studies (100 cases)] Sarramon JP, et al. **Ann Urol (Paris)** 1984 May;18(3):209-11 (Eng. Abstr.) **(Fre)**

[Efficacy of modern imaging technics in the diagnosis of isolated angiomyolipoma of the kidney. Apropos of 11 cases] Ardaens Y, et al. **J Radiol** 1985 Mar;66(3):189-95 (Eng. Abstr.) **(Fre)**

[Lymphoma of the kidney. Value of echography and x-ray computed tomography] Bruneton JN, et al. **J Radiol** 1984 Nov;65(11):755-60 (Eng. Abstr.) **(Fre)**

[Ultrasonic diagnosis of renal lymphoma in children. A series of 18 cases] Hamdouch M, et al. **J Radiol** 1985 Mar; 66(3):209-13 (Eng. Abstr.) **(Fre)**

[Cancer of the kidney in adults. Apropos of 60 cases] Boujnah H, et al. **Tunis Med** 1984 Dec;62(8):583-9 (Eng. Abstr.) **(Fre)**

[Differential sonographic and computer tomographic diagnosis of angiomyolipoma] Klumair J, et al. **Digitale Bilddiagn** 1985 Jun;5(2):76-9 (Eng. Abstr.) **(Ger)**

[Clinical significance of nuclear magnetic resonance tomography in urology. Initial experiences] Beer M, et al. **Fortschr Med** 1984 Sep 27;102(36):891-4 (Eng. Abstr.) **(Ger)**

[Significance of roentgenologic and nuclear medical studies for detecting urinary system disorders in lymphogranulomatosis] Volodina GI, et al. **Radiol Diagn (Berl)** 1985;26(3):421-6 (Eng. Abstr.) **(Ger)**

[Hypernephroid carcinoma of the glomerulonephritic atrophied kidney after kidney transplantation] Struve C, et al. **ROFO** 1984 Nov;141(5):587-8 **(Ger)**

[Value of angiography, sonography and computer tomography in the differential diagnosis of renal space-occupying lesions] Nebel G, et al. **Rontgenblatter** 1984 Oct;37(10):362-70 (Eng. Abstr.) **(Ger)**

[Preoperative diagnosis of kidney cancers with involvement of the vena cava] Meyer-Schwickerath M, et al. **Urol Int** 1985;40(2):88-92 (Eng. Abstr.) **(Ger)**

[Fusion of an ectopic spleen with the left kidney. Preoperative diagnosis: adenocarcinoma of the kidney] Constantine E, et al. **Urologe [A]** 1985 Jul;24(4):227-8 (Eng. Abstr.) **(Ger)**

[Cancer of a renal cyst wall] Bliemeister H, et al. **Z Urol Nephrol** 1985 Jun;78(6):289-91 (Eng. Abstr.) **(Ger)**

[Renal leiomyoma (presentation of a clinical case)] Prati GF, et al. **Chir Ital** 1984 Jun;36(3):371-5 (Eng. Abstr.) **(Ita)**

[Testicular metastasis as the initial manifestation of renal carcinoma] Minervini R, et al. **Minerva Urol Nefrol** 1984 Apr-Jun;36(2):111-3 (Eng. Abstr.) **(Ita)**

[Echotomography in extensive pathology of the renal-adrenal region] Ghigi G, et al. **Radiol Med (Torino)** 1984 Sep;70(9):659-60 **(Ita)**

[Ultrasonic diagnosis of tumors of the kidney and retroperitoneum] Tanahashi Z. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2277-83 **(Jpn)**

[Renal angiomyolipoma: report of two cases (including a case with spontaneous rupture)] Amano M, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1813-25 (Eng. Abstr.) **(Jpn)**

[Renal cell carcinoma, primary lesion which was not easily identified: report of two cases] Kawakita M, et al. **Hinyokika Kiyo** 1985 Mar;31(3):463-73 (Eng. Abstr.) **(Jpn)**

[Preoperative staging of renal cell carcinoma. Comparison with operative or pathologic finding] Mitsuhashi K, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1379-86 (Eng. Abstr.) **(Jpn)**

[Carcinoid tumor of the kidney] Fukuoka H, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar;76(3):401-7 (Eng. Abstr.) **(Jpn)**

[Paraneoplastic syndrome of renal cell carcinoma] Masuda F, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar; 76(3):371-7 (Eng. Abstr.) **(Jpn)**

[Leiomyosarcoma of the kidney with renal vein thrombosis] Nakamura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):973-8 (Eng. Abstr.) **(Jpn)**

[ROC analysis of computed tomography and renal scintigraphy for renal diseases] Hata Y. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25; 45(4):650-9 (Eng. Abstr.) **(Jpn)**

[Imaging of small renal cell carcinomas] Tanimoto A, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Jan 25; 45(1):9-21 (Eng. Abstr.) **(Jpn)**

[A case of renal cell carcinoma simulating renal simple cyst] Harasawa A, et al. **Rinsho Hoshasen** 1985 Feb;30(2):311-3 (Eng. Abstr.) **(Jpn)**

[Wilm's tumor in multilocular cysts of both kidneys] Sasaki F, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1427-30 (Eng. Abstr.) **(Jpn)**

[Primary cancers of kidney pelvis and ureter] Pilch M, et al. **Nowotwory** 1985 Jan-Mar;35(1):81-8 (Eng. Abstr.) **(Pol)**

[Diagnostic difficulties in renal cancer (2 cases of clear-cell carcinoma)] Kozicka-Pietrzykowska H. **Wiad Lek** 1984 Jul 1;37(13):1021-5 (Eng. Abstr.) **(Pol)**

[2 cases of Wilms' tumor in adults] Musierowicz A, et al. **Wiad Lek** 1984 Jul 1;37(13):1038-42 (Eng. Abstr.) **(Pol)**

[Rare case of clear-cell carcinoma of the kidney with metastasis of the mandible] Rudziński L, et al. **Wiad Lek** 1984 Jul 15;37(14):1122-4 (Eng. Abstr.) **(Pol)**

[Nephroblastoma with metastasis to the heart simulating portal hypertension syndrome in an 8-year-old boy] Sliwa F, et al. **Wiad Lek** 1985 Apr 15;38(8):600-4 (Eng. Abstr.) **(Pol)**

[A rare case of Wilms' tumor in an adult] Evdokimov VG, et al. **Klin Med (Mosk)** 1985 Jun;63(6):130-1 **(Rus)**

[Combined diagnosis of kidney tumors] Krivenko EV, et al. **Med Radiol (Mosk)** 1984 Oct;29(10):4-10 (Eng. Abstr.) **(Rus)**

[Diagnostic difficulties in cancer of the renal parenchyma as seen by the internist] Nikolaev AIu, et al. **Ter Arkh** 1984; 56(7):85-9 **(Rus)**

[Intra-sinus lipoma] Kazimirov VG, et al. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):68-9 **(Rus)**

[Intraoperative calycopyeloscopy] Koraev KN. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):40-2 (Eng. Abstr.) **(Rus)**

[Errors in the diagnosis of kidney cancer and their prevention] Lopatkin NA, et al. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):11-5 (Eng. Abstr.) **(Rus)**

[Carcinosarcoma of the kidneys] Fesenko IP, et al. **Vrach Delo** 1985 Apr;(4):75-7 **(Rus)**

DRUG THERAPY

Phase II evaluation of aclacinomycin-A (NSC-208734) in adenocarcinoma of the kidney. Decker DA, et al. **Am J Clin Oncol** 1984 Oct;7(5):527-8

Phase II trial of 10-deazaaminopterin for advanced hypernephroma. Scher HI, et al. **Anticancer Res** 1984 Nov-Dec;4(6):409-10

Phase I-II trial of gallium nitrate for advanced hypernephroma. Schwartz S, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):317-8

Phase II trial of elliptinium in advanced renal cell carcinoma and carcinoma of the breast. Sternberg CN, et al. **Anticancer Res** 1985 Jul-Aug;5(4):415-7

Phase-II trial of 4-demethoxydaunorubicin (DMDR) for advanced hypernephroma. Scher HI, et al. **Cancer Chemother Pharmacol** 1985;14(1):79-80

Combination chemotherapy of advanced renal cell cancer with CCNU and vinblastine. Sommer HH, et al. **Cancer Chemother Pharmacol** 1985;14(3):277-8

A randomized study of low and high doses of leukocyte alpha-interferon in metastatic renal cell carcinoma: the American Cancer Society collaborative trial. Kirkwood JM, et al. **Cancer Res** 1985 Feb;45(2):863-71

Phase II trial of elliptinium in advanced renal cell carcinoma. Caillé P, et al. **Cancer Treat Rep** 1985 Jul-Aug; 69(7-8):901-2

Phase II study of thymosin fraction 5 in the treatment of metastatic renal cell carcinoma. Dimitrov NV, et al. **Cancer Treat Rep** 1985 Jan;69(1):137-8

Phase II evaluation of bisantrene in patients with advanced renal cell carcinoma. Evans WK, et al. **Cancer Treat Rep** 1985 Jun;69(6):727-8

Phase II trial of spirogermanium in advanced renal cell carcinoma: a Cancer and Leukemia Group B study. Schulman P, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1305-6

Failure of 5-day vinblastine infusion in the treatment of patients with renal cell carcinoma. Tannock IF, et al. **Cancer Treat Rep** 1985 Feb;69(2):227-8

Mitoxantrone in advanced renal cancer: a phase II study in previously untreated patients from the EORTC Genito-Urinary Tract Cancer Cooperative Group. van Oosterom AT, et al. **Eur J Cancer Clin Oncol** 1984 Oct; 20(10):1239-41

Doxorubicin treatment of inoperable renal carcinomas through balloon occlusion catheter. Göthlin JH, et al. **Eur J Radiol** 1985 Feb;5(1):43-7

Effect of anticancer drugs on renal neoplasm induced with xenotropic pseudotype kirsten murine sarcoma virus. Usui T, et al. **Exp Pathol** 1984;26(3):185-8

Renal involvement in diffuse aggressive lymphomas: results of treatment with combination chemotherapy. Geffen DB, et al. **J Clin Oncol** 1985 May;3(5):646-53

Phase II study of interferon alpha in metastatic renal-cell carcinoma: a progress report. Quesada JR, et al. **J Clin Oncol** 1985 Aug;3(8):1086-92

The sensitivity testing of Wilms' tumors to cytostatic agents with an autoradiographic in vitro short-term test. Willnow U. **Neoplasma** 1984;31(6):719-26

Chemotherapy-induced histologic changes in Wilms' tumors. Guarda LA, et al. **Pediatr Pathol** 1984;2(2):197-206

Regression of pulmonary metastases with long term remission in a patient with renal carcinoma. Rahima MM, et al. **Thorax** 1985 Mar;40(3):201-2

Ifosfamide: chemotherapy with new promise and new problems for the urologist. Watson RA. **Urology** 1984 Nov; 24(5):465-8

[Preoperative chemotherapy of testicular cancer and Wilm's tumor] Kawai T. **Gan To Kagaku Ryoho** 1985 May; 12(5):1025-30 (Eng. Abstr.) **(Jpn)**

[Clinical study of UFT in renal cell carcinoma] Masuda F, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):325-30 (Eng. Abstr.) **(Jpn)**

[5-FU concentration in blood and tissue of patients with renal cell carcinoma after administration of UFT] Masuda F, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):320-4 (Eng. Abstr.) **(Jpn)**

[Cis-dichlorodiammineplatinum (II) in the treatment of a refractory non-Hodgkin's lymphoma with renal involvement] Sueyama H, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):144-6 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of metastatic renal cell carcinoma with cis-diamminedichloroplatinum and other drugs] Okumura S, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1167-71 (Eng. Abstr.) **(Jpn)**

[Treatment of malignant renal tumor with intra-arterial administration of oily anticancer drugs] Konno S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1874-82 (Eng. Abstr.) **(Jpn)**

[Treatment of established human renal cell carcinoma heterotransplanted in nude mice. 2. Experimental chemosensitivity of anticancer agents] Onishi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1911-20 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of renal cell carcinoma. 3. Single-agent therapy with FT-207 or vinblastine] Satomi Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):903-8 (Eng. Abstr.) **(Jpn)**

[Effect of levamisole on peripheral blood neutrophils in patients with neoplasms] Hrycek A, et al. **Pol Tyg Lek** 1984 May 21;39(21):705-7 (Eng. Abstr.) **(Pol)**

[Antitumor antibiotics in the treatment of nephroblastomas in children] Badalian GKh, et al. **Antibiotiki** 1984 Sep; 29(9):676-8 (Eng. Abstr.) **(Rus)**

[Evaluation of the effectiveness of preoperative polychemotherapy of nephroblastomas in children by angiography, ultrasonic tomography and computed tomography] Dolgushin BI, et al. **Vopr Onkol** 1985; 31(8):67-72 (Eng. Abstr.) **(Rus)**

[A new method for administering cytostatics. Preliminary evaluation in 7 cases of adenocarcinoma of the kidney] Escudero Barrilero A, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:593-605 (Eng. Abstr.) **(Spa)**

[Intra-arterial administration of cytostatics with obstructed blood flow. Preliminary study in 7 patients with hypernephroma treated with cisplatin] Escudero Barrilero A, et al. **Rev Clin Esp** 1985 Mar;176(4):187-93 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Angiotensin converting enzyme. A possible histologic indicator for human renal cell carcinoma. Takada Y, et al. **Cancer** 1985 Jul 1;56(1):130-3

Effect of dimethylsulfoxide and butyrate on 5'-nucleotidase of human renal carcinoma cells. Prager MD, et al. **Cancer Lett** 1984 Aug;24(1):81-8

Distribution and properties of type I and type II binding proteins in the cyclic adenosine 3':5'-monophosphate-dependent protein kinase system in Wilms' tumor. Nakajima F, et al. **Cancer Res** 1984 Nov; 44(11):5182-7

Biosynthesis of alpha-N-acetylglucosaminidase in cultured human kidney carcinoma cells. Di Natale P, et al. **Enzyme** 1985;33(2):75-83

Increased urokinase activity to antigen ratio in human renal-cell carcinoma. Kirchheimer JC, et al. **Int J Cancer** 1985 Jun 15;35(6):737-41

The antigen identified by a mouse monoclonal antibody raised against human renal cancer cells is the adenosine deaminase binding protein. Andy RJ, et al. **J Biol Chem** 1984 Oct 25;259(20):12844-9

Transcriptional induction of urokinase in cultured human kidney carcinoma cells by tetradecanoyl-phorbol-acetate. Ferraiuolo R, et al. **J Cell Physiol** 1984 Nov;121(2):368-74

Tumor localization with 18F-2-fluoro-2-deoxy-D-glucose: comparative autoradiography, glucose 6-phosphatase histochemistry, and histology of renally implanted sarcoma of the rat. Paul R, et al. **Res Exp Med (Berl)** 1985; 185(2):87-94

[Alkaline phosphatase as a tumor marker in renal adenocarcinoma] Jørgensen JB, et al. **Ugeskr Laeger** 1984 Nov 12;146(46):3519-21 (Eng. Abstr.) **(Dan)**

ETIOLOGY

Relation of ABO and RH blood groups with renal cell carcinoma. Giannopoulos A, et al. **Acta Urol Belg** 1985; 53(1):29-31

Persistent Epstein-Barr virus infection and a histiocytic sarcoma in a renal transplant recipient. Kramer P, et al. **Cancer** 1985 Feb 1;55(3):503-9

Obstructive uropathy, renal dysplasia and nodular renal blastema: is there a relationship to Wilms tumor? Gaddy CD, et al. **J Urol** 1985 Aug;134(2):330-3

Early precursors of urogenital cancers in former college men. Whittemore AS, et al. **J Urol** 1984 Dec;132(6):1256-61

Acquired cystic disease of kidney: metastatic renal adenocarcinoma and hypercalcaemia [letter] Thomson BJ, et al. **Lancet** 1985 Aug 31;2(8453):502-3

Renal carcinoma and dialysis in end-stage renal disease. Olsson PJ, et al. **South Med J** 1985 May;78(5):507-12

Acquired renal cystic disease and renal neoplasms in hemodialysis patients. Cho C, et al. **Urol Radiol** 1984; 6(3-4):153-7

[2 cases of renal cell carcinoma on long-term hemodialysis] Takahara M, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1239-44 (Eng. Abstr.) **(Jpn)**

[Wilms' tumor and Beckwith-Wiedemann syndrome] Zmudzka I, et al. **Pol Przegl Radiol (Warszawa)** 1984 Sep-Oct;48(5):321-3 (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

Familial extra-adrenal pheochromocytoma. A new syndrome. Glowniak JV, et al. **Arch Intern Med** 1985 Feb; 145(2):257-61

Abnormalities of chromosomes 1 and 11 in Wilms' tumor. Douglass EC, et al. **Cancer Genet Cytogenet** 1985 Jan 15; 14(3-4):331-8

Nonreciprocal chromosome translocation t(5;14) in cancers of the kidney: adenocarcinoma of the renal parenchyma and transitional cell carcinoma of the kidney pelvis. Hecht F, et al. **Cancer Genet Cytogenet** 1985 Jan 15; 14(3-4):197-203

A cytogenetic study of Wilms' tumor. Slater RM, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):95-109

Chromosome abnormalities in tumor cells from patients with sporadic Wilms' tumor. Kondo K, et al. **Cancer Res** 1984 Nov;44(11):5376-81

Del 11p/aniridia complex. Report of three patients and review of 37 observations from the literature. Turleau C, et al. **Clin Genet** 1984 Oct;26(4):356-62

Bilateral nephroblastoma associated with a 3;17 translocation. Soulie J, et al. **Cytogenet Cell Genet** 1985;39(1):64-6

Molecular analysis of gene deletion in aniridia--Wilms tumor association. Michalopoulos EE, et al. **Hum Genet** 1985; 70(2):157-62

A mitotic recombination in Wilms tumor occurs between the parathyroid hormone locus and 11p13. Raizis AM, et al. **Hum Genet** 1985;70(4):344-6

Del11p13/nephroblastoma without aniridia. Turleau C, et al. **Hum Genet** 1984;67(4):455-6

Clustering of the upper urothelial tumours in a family. Radovanović Z, et al. **Oncology** 1984;41(6):396-8

11p13 deletion and reduced RBC catalase in a patient with aniridia, glaucoma and bilateral Wilms' tumor. Barletta C, et al. **Tumori** 1985 Apr 30;71(2):119-21

[Renal angiomyolipoma: report of 2 cases of tuberous sclerosis in female siblings] Kano T, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1057-62 (Eng. Abstr.) **(Jpn)**

[Bilateral renal adenocarcinoma in Von Hippel-Lindau syndrome: apropos of a case] Machuca J, et al. **Arch Esp Urol** 1985 Mar-Apr;38(2):197-9 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Metastatic renal cell carcinoma and carcinoembryonic antigen levels [letter] Hortobagyi G, et al. **Ann Intern Med** 1985 Apr;102(4):555-6

Blood group antigen expression in nephroblastoma. Gane P, et al. **Br J Urol** 1984 Apr;56(2):153-8

Immunohistological detection of T antigen and ABH blood group antigens in upper urinary tract tumours. Kagawa S, et al. **Br J Urol** 1985 Aug;57(4):386-9

Lymphocyte subsets in renal carcinoma--a sequential study using monoclonal antibodies. Ritchie AW, et al. **Br J Urol** 1984 Apr;56(2):140-8

Humoral immune response of patients receiving specific active immunotherapy for renal cell carcinoma. Miller GA, et al. **Cancer Res** 1985 Sep;45(9):4478-82

Tumor-specific monoclonal antibodies for renal cell carcinoma. Schärfe T, et al. **Eur Urol** 1985;11(2):117-20

Brief communication: HLA antigen frequencies in renal cell carcinoma. Pollack MS, et al. **Hum Immunol** 1984 Nov; 11(3):151-3

A highly restricted antigen for renal cell carcinoma defined by a monoclonal antibody. Moon TD, et al. **Hybridoma** 1985 Summer;4(2):163-71

Laminin selectively enhances monocyte-macrophage-mediated tumoricidal activity. Perri RT, et al. **J Lab Clin Med** 1985 Jan;105(1):30-5

Immunohistologic dissection of the human kidney using monoclonal antibodies. Bander NH, et al. **J Urol** 1985 Mar; 133(3):502-5

Immunohistochemical studies of human renal cell carcinomas for ABO(H) blood group antigens, T antigen-like substance and carcinoembryonic antigen. Ghazizadeh M, et al. **J Urol** 1985 May;133(5):762-6

Specificity analysis of mouse monoclonal antibodies defining cell surface antigens of human renal cancer. Finstad CL, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2955-9

Circulating immune complexes in patients with bladder cancer and other malignancies of the urogenital tract. Kobayashi K, et al. **Urol Int** 1984;39(4):232-5

[Activity of natural killer (NK) cells and their stimulation in patients with hypernephroma] Hofmann R, et al. **Helv Chir Acta** 1984 Oct;51(3-4):411-5 (Eng. Abstr.) **(Ger)**

[Characterization of membrane antigens from human kidney and renal adenocarcinoma] Scherberich JE, et al. **Immun Infekt** 1984 Nov;12(6):267-78 (Eng. Abstr.) **(Ger)**

[Study on the tumor immunity of renal cell carcinoma--with special reference to the significance of leukocyte adherence inhibition test] Okada Y. **Hinyokika Kiyo** 1984 Oct; 30(10):1367-77 (Eng. Abstr.) **(Jpn)**

[Studies on human natural killer (NK) cell activity against cell lines derived from malignant urinary tract tumors. Part 3: Effects of OK432 on human NK cell activity and proliferation of tumor cells] Hayakawa M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1124-33 (Eng. Abstr.) **(Jpn)**

METABOLISM

Effects of dibutyryl adenosine 3',5'-cyclic monophosphate on erythropoietin production in human renal carcinoma cell cultures. Hagiwara M, et al. **Blood** 1985 Sep; 66(3):714-7

Increased dihydrotestosterone receptor levels in high-stage renal adenocarcinoma. Noronha RF, et al. **Cancer** 1985 Jul 1;56(1):134-7

Production of erythropoietin-like activity by human renal and hepatic carcinomas in cell culture. Okabe T, et al. **Cancer** 1985 May 1;55(9):1918-23

Calcitonin stimulation of cyclic adenosine 3':5'-monophosphate production with growth inhibition in human renal adenocarcinoma cell lines. Kinoshita Y, et al. **Cancer Res** 1985 Oct;45(10):4890-4

Tumor uptake of vincristine during close arterial vs systemic constant-rate infusion: experiments on sarcoma transplants in the rat kidney. Tvete ST, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1433-9

Erythropoietin production in long-term cultures of human renal carcinoma cells. The role of cell population density. Hagiwara M, et al. **Exp Cell Res** 1984 Oct;154(2):619-24

Translation of messenger RNA from a renal tumor into a product with the biological properties of erythropoietin. Saito T, et al. **Exp Hematol** 1985 Jan;13(1):23-8

Steroid metabolism and binding activity in a murine renal tumor cell line. Judge SM, et al. **J Steroid Biochem** 1984 Nov;21(5):505-11

Steroid hormone receptors in normal and malignant human renal tissue: relationship with progestin therapy. Ronchi E, et al. **J Steroid Biochem** 1984 Sep;21(3):329-35

Pharmacokinetics of fentanyl in children with renal disease. Koren G, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec;46(3):371-9

Serum beta 2 microglobulin levels in patients with renal cell carcinoma. Selli C, et al. **Urol Res** 1984;12(5):261-3

Specificity of renotropin receptors in murine Wilms tumor model. Tritsch GL, et al. **Urology** 1985 May;25(5):511-4

[A case of renal cell carcinoma of horseshoe kidney that produced AFP and caused hypercalcemia] Okada H, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1453-8 (Eng. Abstr.) **(Jpn)**

[Colony stimulating factor producing tumor cell line derived from a patient with renal rhabdomyosarcoma] Kishi K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1618-25 (Eng. Abstr.) **(Jpn)**

[Phospholipid composition of tumors and homologous tissues of rats exposed to dimethylnitrosamine] Moskadynova GA, et al. **Eksp Onkol** 1984;6(4):25-8 (Eng. Abstr.) **(Rus)**

MORTALITY

A case-control study of renal cancer mortality at a Texas chemical plant. Bond GG, et al. **Am J Ind Med** 1985; 7(2):123-39

Renal adenocarcinoma in young adults. Schiff M Jr, et al. **Urology** 1985 Apr;25(4):357-9

[Renal carcinoma. Considerations on a series of 55 cases] Giuliani A, et al. **Minerva Urol Nefrol** 1984 Apr-Jun; 36(2):101-5 (Eng. Abstr.) **(Ita)**

[A clinical study on renal cell carcinoma] Yoneda F, et al. **Hinyokika Kiyo** 1985 Apr;31(4):585-94 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Is the incidence of renal carcinoma increasing? Ritchie AW, et al. **Br J Urol** 1984 Dec;56(6):571-3

Epidemiologic studies of carcinoma of the kidney. II. Association of renal adenoma with smoking. Bennington JL, et al. **Cancer** 1968 Oct;22(4):821-3

[clinical studies on primary renal pelvic tumors] Fukatsu H, et al. **Hinyokika Kiyo** 1984 Jun;30(6):751-7 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Fine needle aspiration biopsy cytology of renal oncocytoma. Nguyen GK, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb; 29(1):33-6

Malignant mediastinal myxoid tumor and renal cell carcinoma. Kuhara H, et al. **Acta Pathol Jpn** 1984 Jul; 34(4):881-7

Regional lymph node involvement in benign renal angiomyolipoma. Manabe T, et al. **Acta Pathol Jpn** 1984 Jul;34(4):889-93

Primary oat cell carcinoma of the kidney. Capella C, et al. **Am J Surg Pathol** 1984 Nov;8(11):855-61

Giant coeloadenoma of the kidney. Mosca L, et al. **Appl Pathol** 1984;2(1):54-8

Hydropic cell variant (clear cell variant) of Wilms' tumor. Edwards O, et al. **Arch Pathol Lab Med** 1985 Oct; 109(10):956-8

Papillary mucinous cystadenoma of probable renal pelvic origin in a horseshoe kidney. Ross DG, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):954-5

Sarcomatoid transitional cell carcinomas of the renal pelvis. An ultrastructural and immunohistochemical study. Wick MR, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):55-8

The fluorinated anesthetic halothane as a potential NMR biologic probe. Burt CT, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):375-81

Characteristics of human tumour xenografts transplanted under the renal capsule of immunocompetent mice. Aamdal S, et al. **Br J Cancer** 1985 Mar;51(3):347-56

Histopathological review of transitional cell carcinoma of the upper urinary tract. Auld CD, et al. **Br J Urol** 1984 Oct;56(5):485-9

A truly mixed renal tumour. Massey JA. **Br J Urol** 1984 Aug;56(4):437

Simultaneous contralateral renal transitional cell carcinoma in a patient with renal carcinoma. Yaxley RP. **Br J Urol** 1984 Oct;56(5):545-6

Classification and staging of renal cell carcinoma. Bassil B, et al. **CA** 1985 May-Jun;35(3):152-63

The association of embryonal tumors originating in the kidney and in the brain. A report of seven cases. Bonnin JM, et al. **Cancer** 1984 Nov 15;54(10):2137-46

Renal tumors in the neonatal period. Favara BE, et al. **Cancer** 1968 Oct;22(4):845-55

Carcinoid tumor occurring in a teratoid malformation of the kidney. An immunohistochemical study. Fetissof F, et al. **Cancer** 1984 Nov 15;54(10):2305-8

DNA content in renal cell carcinoma with reference to tumor heterogeneity. Ljungberg B, et al. **Cancer** 1985 Aug 1; 56(3):503-8

Bone metastasizing renal tumor (clear cell sarcoma) of childhood with epithelioid elements. Schmidt D, et al. **Cancer** 1985 Aug 1;56(3):609-13

Temperature-dependent metastasis of the Lucke renal carcinoma and its significance for studies on mechanisms of metastasis. McKinnell RG, et al. **Cancer Metastasis Rev** 1984;3(4):373-86 (97 ref.)

Evaluation of growth and histology of human tumor xenografts implanted under the renal capsule of immunocompetent and immunodeficient mice. Bennett JA, et al. **Cancer Res** 1985 Oct;45(10):4963-9

Transplantation of human renal carcinomas into athymic mice. Clayman RV, et al. **Cancer Res** 1985 Jun;45(6):2650-3

Relationship of histology of Wilms' tumor to growth characteristics of nude mouse heterotransplants. Yeger H, et al. **Cancer Res** 1985 May;45(5):2340-9

Intravenous biopsy of a tumor thrombus filling the inferior vena cava. Shimkin PM, et al. **Conn Med** 1984 Nov; 48(11):707-8

Distribution of vimentin, cytokeratins, and desmosomal-plaque proteins in human nephroblastoma as revealed by specific antibodies: co-existence of cell groups of different degrees of epithelial differentiation. Denk H, et al. **Differentiation** 1985;29(1):88-97

A case of bilateral Wilms' tumour of the kidneys and the retrourethral region. Shimao S, et al. **Eur J Pediatr** 1984 Dec;143(2):158-60

Inclusion-cytology versus smear-cytology in fine needle abdominal biopsy. Livraghi T, et al. **Eur J Radiol** 1985 May;5(2):111-4

Embolization of pelvic bone metastases from renal cell carcinoma. Braedel HU, et al. **Eur Urol** 1984;10(6):380-4

Mucinous adenocarcinoma of the renal pelvis. Mirone V, et al. **Eur Urol** 1984;10(4):284-5

Late recurrence of renal cell carcinoma after nephrectomy. Nakano E, et al. **Eur Urol** 1984;10(5):347-9

Diagnosis by aspiration biopsy of lung metastasis of renal cell carcinoma 24 years after nephrectomy. Piscioli F, et al. **Eur Urol** 1984;10(5):358-60

'True' sarcomatoid carcinoma of the renal pelvis. First case report with immunocytochemical study. Piscioli F, et al. **Eur Urol** 1984;10(5):350-5

Transitional cell carcinoma in a pelvic kidney associated with recurrent lung cancer. Terai A, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1641-4

Renal oncocytoma: the incidence of 18 surgical and 12 autopsy cases. Alanen KA, et al. **Histopathology** 1984 Sep; 8(5):731-7

Malignant histiocytosis. Report of twenty-five cases with pulmonary, renal and/or gastro-intestinal involvement. Aozasa K, et al. **Histopathology** 1985 Jan;9(1):39-49

Globular Mallory-like bodies in renal cell carcinoma: report of a case and review of cytoplasmic eosinophilic globules. Jagirdar J, et al. **Hum Pathol** 1985 Sep;16(9):949-52

Bilateral cystic nephroblastomas and multiple malformations with trisomy 8 mosaicism. Nakamura Y, et al. **Hum Pathol** 1985 Jul;16(7):754-6

Human renal cell carcinoma: establishment and characterization of a new cell line (OS-RC-2). Kinouchi T, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):195-9

Wilm's tumour: a histopathological study of 115 cases. Shrikhande SS, et al. **Indian J Cancer** 1983 Nov-Dec; 20(5):236-40

Primary carcinomas of renal pelvis. (A follow up study). Ranadive NU, et al. **Indian J Pathol Microbiol** 1984 Jan; 27(1):11-7

Renal cell carcinoma in a child. A case report. Ratna MD, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):245-7

Cell DNA content--correlation with clonogenicity in the human tumour cloning system (HTCS). Verheijen RH, et al. **Int J Cancer** 1985 May 15;35(5):653-7

The Kidney Invasion Test: an assay allowing macroscopic quantification of malignant invasion in vivo. Comparison between the microtubule inhibitor tubulozole and the podophyllotoxin congener etoposide (VP-16-213). Distelmans W, et al. **Invasion Metastasis** 1985;5(3):170-84

Role of endogenous prostaglandin E2 in erythropoietin production and dome formation by human renal carcinoma cells in culture. Hagiwara M, et al. **J Clin Invest** 1984 Oct; 74(4):1252-61

Anaplastic Wilms' tumor: clinical and pathologic studies. Bonadio JF, et al. **J Clin Oncol** 1985 Apr;3(4):513-20

Prognosis for Wilms' tumor patients with nonmetastatic disease at diagnosis--results of the second National Wilms' Tumor Study. Breslow N, et al. **J Clin Oncol** 1985 Apr; 3(4):521-31

Renal cell carcinoma with metastasis to the submandibular and parotid glands. A case report. Smits JG, et al. **J Maxillofac Surg** 1984 Oct;12(5):235-6

Induction of nephroblastoma-like renal tumours in rats by a single dose of 1,2-dimethylhydrazine. Sadrudin AA, et al. **J Pathol** 1985 Mar;145(3):229-39

Recurrence of Wilms tumor after apparent cure. Kim TH, et al. **J Pediatr** 1985 Jul;107(1):44-9

Malignant fibrous histiocytoma of the kidney. Chen KT. **J Surg Oncol** 1984 Dec;27(4):248-50

Human renal carcinoma: characterization of five new cell lines. Grossman HB, et al. **J Surg Oncol** 1985 Mar; 28(3):237-44

Bilateral Wilms' tumor: 18-year follow-up of patient treated only with surgery. Proffitt RD, et al. **J Tenn Med Assoc** 1985 Mar;78(3):135-7

Intraoperative ultrasound guidance for needle biopsy of a contralateral intrarenal 'tumorlet' in a child with Wilms' Tumor. Rosenberg HK, et al. **J Ultrasound Med** 1985 Jun; 4(6):311-4

Adult nephroblastoma with glomerular intracapillary deposits of IgM in the contralateral kidney. Banik S, et al. **J Urol** 1985 Aug;134(2):339-41

Validation of the tumor, nodes and metastasis classification of renal cell carcinoma. Bassil B, et al. **J Urol** 1985 Sep; 134(3):450-4

Juxtaglomerular cell tumor of the kidney. Dennis RL, et al. **J Urol** 1985 Aug;134(2):334-8

Metastatic renal cell carcinoma presenting as an intrasellar mass on computerized tomography. Eick JJ, et al. **J Urol** 1985 Jul;134(1):128-30

Human renal cell carcinoma xenograft: morphology, growth and chemosensitivities. Fleischmann J, et al. **J Urol** 1985 Sep;134(3):570-4

Ultrasonically guided fine needle aspiration biopsy of renal masses. Juul N, et al. **J Urol** 1985 Apr;133(4):579-81

Renal cell carcinoma with intracaval tumor thrombus extending to the diaphragm: ultrasonography and surgical management. Komatsu H, et al. **J Urol** 1985 Jul; 134(1):122-5

Infiltrating recurrent renal angiomyolipoma with fatal outcome. Kragel PJ, et al. **J Urol** 1985 Jan;133(1):90-1

Aspiration cytology of simultaneous bilateral adrenal metastases from renal cell carcinoma. A case report and review of the literature. Luciani L, et al. **J Urol** 1985 Aug; 134(2):315-8

Renal oncocytoma: a diagnostic and therapeutic dilemma. Maatman TJ, et al. **J Urol** 1984 Nov;132(5):878-81

Supradiaphragmatic renal cell carcinoma tumor thrombus: indications for vena caval reconstruction with pericardium. Marshall FF, et al. **J Urol** 1985 Feb;133(2):266-8

Cytotoxic activity of peripheral blood lymphocytes grown with interleukin 2 against autologous cultured tumor cells in patients with renal cell carcinoma: preliminary report. Nakano E, et al. **J Urol** 1985 Jul;134(1):24-8

Primary chondrosarcoma of the kidney. Nativ O, et al. **J Urol** 1985 Jul;134(1):120-1

Primary leiomyosarcoma of renal capsule. Ng WD, et al. **J Urol** 1985 May;133(5):834-5

Transplantation of human renal cell carcinoma into NMRI nu/nu mice. III. Effect of irradiation on tumor acceptance and tumor growth. Otto U, et al. **J Urol** 1985 Jul; 134(1):170-4

Bilateral renal oncocytoma: report of 2 cases and review of literature. Raspa RW, et al. **J Urol** 1985 Mar;133(3):458-61

Renal cell carcinoma extending into the inferior vena cava: the prognostic significance of the level of vena caval involvement. Sosa RE, et al. **J Urol** 1984 Dec; 132(6):1097-100

Rapidly expanding right renal mass in a 12-year-old boy [clinical conference] Weiss JP, et al. **J Urol** 1985 Feb; 133(2):254-7

Bilateral renal oncocytoma: report of 2 cases and literature review. Zhang G, et al. **J Urol** 1985 Jan;133(1):84-6

In vitro peripheral monocyte culture: possible use as a prognostic indicator for renal cell carcinoma patients. Krishnan EC, et al. **JNCI** 1985 Jun;74(6):1185-9

Renal oncocytoma: a benign tumour on the increase. White MA, et al. **Med J Aust** 1985 Aug 19;143(4):157-9

Adenocarcinoma of the kidney in a 17 year old Zambian male. Elem B, et al. **Med J Zambia** 1983 Oct;17(4):111-4

Renal failure in a Zambian child due to bilateral renal lymphoma. Patil PS. **Med J Zambia** 1984 Jan;18(1):19-20

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 17-1985. A 13-year-old boy with aniridia and proteinuria 11 years after nephrectomy for a Wilms' tumor. **N Engl J Med** 1985 Apr 25;312(17):1111-9

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 25-1985. A 27-year-old man with recurrent bleeding from the left kidney for 13 years. **N Engl J Med** 1985 Jun 20;312(25):1623-31

Case records of the Massachusetts General Hospital. Case 4-1985. A 36-year-old man with a cardiac mass three years after renal transplantation. **N Engl J Med** 1985 Jan 24; 312(4):226-37

Effect of unilateral nephrectomy on tumor growth of the murine renal cell adenocarcinoma and neuroblastoma. Murphy GP, et al. **Oncology** 1984;41(6):417-9

Renal carcinoma presenting as a primary submandibular gland tumor. Bedrosian SA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):699-701

A case of renal cell carcinoma solitarily metastasized to thyroid 20 years after the resection of primary tumor. Shima H, et al. **Pathol Res Pract** 1985 May;179(6):666-72

Renal fibrosarcoma. Single case in a ten-year survey. Cavaliere A, et al. **Pathologica** 1984 Sep-Oct; 76(1045):615-21

Unilateral hypoplasia of the hemithorax causing 'pseudoscoliosis' after lung irradiation in a child with Wilms' tumor. Kinsella JP, et al. **Pediatr Radiol** 1985; 15(5):340-2

Venous renal tumor extension: a prospective US evaluation. Schwerk WB, et al. **Radiology** 1985 Aug;156(2):491-5

Interferon therapy in disseminated renal cell carcinoma. Edsmyr F, et al. **Radiother Oncol** 1985 Aug;4(1):21-6

Neutralization of cis-dichlorodiammineplatinum II and nitrogen mustard by thiols. Sauter C, et al. **Recent Results Cancer Res** 1984;94:232-6

Infiltrating renal collecting duct carcinoma associated with epithelial dysplasia of the renal pelvis. Nørgaard T, et al. **Scand J Urol Nephrol** 1985;19(1):69-70

Asynchronous metastasizing renal cell carcinoma associated with progressive immune complex glomerulonephritis and proteinuria. Skaarup P, et al. **Scand J Urol Nephrol** 1984; 18(4):351-6

The value of morphological prognostic criteria in the assessment of renal cell carcinoma. Jonas D, et al. **Urol Int** 1985;40(3):148-54

Transitional cell carcinoma of kidney extending into renal vein and inferior vena cava. Jitsukawa S, et al. **Urology** 1985 Mar;25(3):310-2

Primary renal malignant fibrous histiocytoma. Ojeda LM, et al. **Urology** 1984 Nov;24(5):491-4

Diagnosis and management of renal angiomyolipoma. Pode D, et al. **Urology** 1985 May;25(5):461-7

Renal leiomyoma with extensive cystic degeneration. Takezaki T, et al. **Urology** 1985 Apr;25(4):401-3

Metastasis to pampiniform plexus from left renal adenocarcinoma presenting with acute varicocele. Thompson JN, et al. **Urology** 1984 Dec;24(6):621-2

Wilms tumor arising in horseshoe kidney. Trulock TS, et al. **Urology** 1985 Mar;25(3):306-9

Direct venous extension of renal cell carcinoma to common iliac vein with patent main renal vein. Verstandig AG, et al. **Urology** 1984 Dec;24(6):629-31

Triple synchronous genitourinary malignancies of dissimilar histogenesis. Wentworth SA, et al. **Urology** 1985 Mar; 25(3):313

Hyperkeratotic squamous epithelium of pelvis and ureter in solitary kidney. Zipkin JW, et al. **Urology** 1985 Jun; 25(6):625-6

Childhood kidney tumours: in vitro studies and natural history. Kumar S, et al. **Virchows Arch [A]** 1984; 405(1):95-111

Human chromophobe cell renal carcinoma. Thoenes W, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):207-17

Intraperitoneal rupture of a Wilms' tumor. Kosloske AM, et al. **West J Med** 1985 May;142(5):694-6

[Case of a papillary carcinoma of the kidney in a 14-year-old youth] Donovski L, et al. **Khirurgiia (Sofiia)** 1984; 37(6):525-7 **(Bul)**

[Tumors of the single kidney following nephrectomy] Patrashkov T. **Khirurgiia (Sofiia)** 1984;37(6):500-4 (Eng. Abstr.) **(Bul)**

[2 cases of nephrolithiasis and intraoperatively established malignant kidney tumor] Tachev S, et al. **Khirurgiia (Sofiia)** 1985;38(1):52-5 **(Bul)**

[Spectrum of childhood nephrogenic tumors--their histologic grading and prognosis] Buček J, et al. **Rozhl Chir** 1984 Nov;63(11):768-73 (Eng. Abstr.) **(Cze)**

[Kidney sarcomas. Description of an unusual case of leiomyosarcoma with metastatic diffusion] Pecori M, et al. **Acta Urol Belg** 1984;52(3):361-7 (Eng. Abstr.) **(Fre)**

[Renal carcinoma with argyrophil cells] Fetissof F, et al. **Ann Pathol** 1984 Dec;4(5):361-4 (Eng. Abstr.) **(Fre)**

[Apropos of a case of renal oncocytoma with hepatic localization] Timbal Y, et al. **Ann Urol (Paris)** 1984 Dec; 18(6):415-7 (Eng. Abstr.) **(Fre)**

[Histogenetic aspects of mesoblastic nephroma. Apropos of a case in an adult] Iraqi A, et al. **Arch Anat Cytol Pathol** 1984;32(4):249-52 (Eng. Abstr.) **(Fre)**

[Sarcomatoid carcinoma of the kidney] Golomb J, et al. **J Urol (Paris)** 1984;90(5):341-3 (Eng. Abstr.) **(Fre)**

[Bilateral renal oncocytoma] Mbakop A, et al. **Nephrologie** 1984;5(2):83-6 (Eng. Abstr.) **(Fre)**

[Diffuse cortical nephroblastomatosis. Apropos of a case] Larbre F, et al. **Pediatrie** 1984 Jun;39(4):261-6 (Eng. Abstr.) **(Fre)**

[Bolande's tumor: a rare tumor in infants (letter)] Belloir A, et al. **Presse Med** 1984 Nov 3;13(39):2392 **(Fre)**

[Renal carcinoma and hypercalcemia] Geles A. **Rev Med Suisse Romande** 1984 Aug;104(8):645-50 **(Fre)**

[Undifferentiated small cell carcinoma of the renal pelvis with massive invasion of the kidney] Sénécal L. **Union Med Can** 1985 Feb;114(2):147 **(Fre)**

[IgD plasmacytoma] Gassmann W, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1775-9 (96 ref.) **(Ger)**

[Computed tomographic staging of hypernephroid carcinoma] Claussen C, et al. **ROFO** 1984 Oct;141(4):390-4 (Eng. Abstr.) **(Ger)**

[Renal angiomyolipomas. New clinical, diagnostic and therapeutic aspects] Dieckmann KP, et al. **Urologe [A]** 1985 Jul;24(4):202-7 (Eng. Abstr.) **(Ger)**

[Cystic lymphangioma of the kidney. Clinical and morphologic findings] Bettendorf U, et al. **Urologe [Ausg A]** 1985 Jan;24(1):52-5 (Eng. Abstr.) **(Ger)**

[Renal hamartoma] Világosi C. **Orv Hetil** 1985 Mar 10; 126(10):589-90 (Eng. Abstr.) **(Hun)**

[A case of resected renal cell carcinoma with massive pancreatic metastases] Kishimoto H, et al. **Gan No Rinsho** 1985 Jan;31(1):91-6 (Eng. Abstr.) **(Jpn)**

[A case of multilocular renal cyst showing neoplastic features] Morizumi H, et al. **Gan No Rinsho** 1985 Jul; 31(8):1005-11 (Eng. Abstr.) **(Jpn)**

[Clinical study of urothelial tumors of the upper urinary tract. 1: Primary renal pelvic tumors] Hiramatsu T, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1191-204 (Eng. Abstr.) **(Jpn)**

[A case of renal oncocytoma] Kakehi Y, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1447-52 (Eng. Abstr.) **(Jpn)**

[A case of congenital mesoblastic nephroma growing with a polypoid pattern in the renal pelvis and ureter] Matsuki H, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1075-84 (Eng. Abstr.) **(Jpn)**

[Synchronous tumors in right renal pelvis and left ureter] Morikawa M, et al. **Hinyokika Kiyo** 1985 Apr;31(4):655-63 (Eng. Abstr.) **(Jpn)**

[Transitional cell carcinoma of the renal pelvis with various histological appearances: a case report] Yamamoto T, et al. **Hinyokika Kiyo** 1985 Apr;31(4):647-53 (Eng. Abstr.) **(Jpn)**

[A case of the coexistence of renal cysts and renal cell carcinoma associated with direct invasion of the liver (stage IV)] Yamasaki Y, et al. **Hinyokika Kiyo** 1984 Jun; 30(6):817-28 (Eng. Abstr.) **(Jpn)**

[A case of triple carcinomas including esophageal carcinoma and a survey of the literature] Uchida Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):543-8 (Eng. Abstr.) **(Jpn)**

[Contralateral adrenal metastasis in renal cell carcinoma] Katsuoka Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct;75(10):1646-51 (Eng. Abstr.) **(Jpn)**

[Flow cytometry in urinary tract malignancies. IV. Effect of antineoplastic agents on cell cycle progression of cultured cell line] Matsuura T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):96-103 (Eng. Abstr.) **(Jpn)**

[Heterogeneity of renal cell carcinoma. II: Studies on tumorigenicity of cultured cell line KU-2] Nagakura K. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):521-7 (Eng. Abstr.) **(Jpn)**

[Pathological study of renal cell carcinoma--significance of nuclear morphologic grade in prognosis] Nakanishi S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Oct; 75(10):1637-45 (Eng. Abstr.) **(Jpn)**

[Treatment of established human renal cell carcinoma heterotransplanted in nude mice. 1. Characteristics of transferable human renal cell carcinoma] Onishi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1903-10 (Eng. Abstr.) **(Jpn)**

[Clinical and pathological study on postoperative metastases of renal cell carcinoma] Onishi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):681-7 (Eng. Abstr.) **(Jpn)**

[Morphological analysis of an atypical cytological picture in clear-cell carcinoma of the kidney] Woyke S, et al. **Patol Pol** 1984 Oct-Dec;35(4):443-52 (Eng. Abstr.) **(Pol)**

[Clinico-morphological characteristics of renal-cell carcinoma] Ganzen TN, et al. **Arkh Patol** 1984;46(11):66-74 (Eng. Abstr.) **(Rus)**

[Metastasis of clear-cell cancer of the kidney to the tongue] Ol'shevskil VA, et al. **Arkh Patol** 1984;46(10):85-6 **(Rus)**

[Rhabdomyosarcoma of the kidney in children] Sokolova IN, et al. **Arkh Patol** 1984;46(10):77-81 (Eng. Abstr.) **(Rus)**

[Glomerulus-like structures in Wilms' tumor] Sokolova IN. **Arkh Patol** 1984;46(12):36-42 (Eng. Abstr.) **(Rus)**

[Cytologic characteristics of nephroblastoma] Koriakina RF. **Lab Delo** 1985;(2):81-4 (Eng. Abstr.) **(Rus)**

[Solid clear-cell adenoma in a simple kidney cyst] Romanenko AM, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):61-2 **(Rus)**

[Triple kidney tumor: diagnostic difficulty] Gelabert i Mas A, et al. **Actas Urol Esp** 1985 Mar-Apr;9(2):197-8 **(Spa)**

[Renal leiomyosarcoma. Review and presentation of a case] Romero Fernández FJ, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):479-82 (Eng. Abstr.) **(Spa)**

[Hypernephroma 8 years after transitional carcinoma of the bladder] Arango Toro OJ, et al. **Arch Esp Urol** 1985 Jan-Feb;38(1):63-4 (Eng. Abstr.) **(Spa)**

[Germinal tumor of the testicle, renal adenocarcinoma and tumor of the contralateral superior urothelium in the same patient: infrequent association of tumoral pathology] Pérez-Castro Ellendt E, et al. **Arch Esp Urol** 1984 Nov-Dec;37(6):526-32 (Eng. Abstr.) **(Spa)**

[Hypernephroma in horseshoe kidney: apropos of 2 cases] Roa Rico M, et al. **Arch Esp Urol** 1984 Jul-Aug;37(4):365-72 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Correlation of 19F-NMR spectra of halothane in rat tumor and non-tumor tissues with membrane alterations. Moore RR, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):346-51

In vitro growth of renal cell carcinoma after preoperative renal infarction. Bailey GA, et al. **Urology** 1984 Nov;24(5):456-8

PREVENTION & CONTROL

Inhibitory effect of dietary p-methoxybenzeneselenol on azoxymethane-induced colon and kidney carcinogenesis in female F344 rats. Reddy BS, et al. **JNCI** 1985 Jun;74(6):1325-8

RADIOGRAPHY

Intravenous digital subtraction angiography in the preoperative evaluation of renal masses. Ford KK, et al. **AJR** 1985 Aug;145(2):323-6

CT demonstration of peripelvic and periureteral non-Hodgkin lymphoma. McMillin KI, et al. **AJR** 1985 May;144(5):945-6

Renal oncocytoma. Giuffre BM, et al. **Australas Radiol** 1984 May;28(2):120-3

Study of the venous phase on renal angiography in cases of renal carcinoma. Masuda F, et al. **Br J Urol** 1984 Apr;56(2):149-52

Comparison of dynamic and conventional computed tomography, angiography, and ultrasonography in the staging of renal cell carcinoma. Lang EK. **Cancer** 1984 Nov 15;54(10):2205-14

Reliability of angiography in the evaluation of renal adenocarcinoma. Nurmi M, et al. **Eur Urol** 1984;10(4):233-7

Angiography in renal oncocytoma: a report on 13 cases. Nurmi M, et al. **Eur Urol** 1984;10(5):303-5

Renal hemangioma. Takeuchi T, et al. **Hinyokika Kiyo** 1984 Jun;30(6):767-74

Renal oncocytoma: angiographic studies in three cases. Meeus L, et al. **J Belge Radiol** 1984;67(2):129-32

Notching of the ureter: CT demonstration of periureteral collaterals. Bjorgvinsson E, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1215-6

Intrarenal chloroma causing obstructive nephropathy: CT characteristics. Breatnach E, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):822-4

Contrast medium pooling in cystic renal carcinoma: CT findings. Coleman BG, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1208-10

Metastatic renal cell carcinoma manifesting as a nasal mass: CT findings. Hayes E, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):387-9

Distinguishing neuroblastoma from Wilms tumor by computed tomography. Peretz GS, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):889-93

The postoperative irradiation of transitional cell carcinoma of the renal pelvis and ureter. Brookland RK, et al. **J Urol** 1985 Jun;133(6):952-5

Digital subtraction angiography in staging renal cell carcinoma: comparison with computerized tomography and histopathology. Engelmann U, et al. **J Urol** 1984 Dec;132(6):1093-6

Renal capsular lipoma. Stone NN, et al. **J Urol** 1985 Jul;134(1):118-9

Digital subtraction angiography for evaluating patients with renal carcinoma. Zabbo A, et al. **J Urol** 1985 Aug;134(2):252-5

Multifocal nephroblastomatosis: clinical significance and imaging. Montgomery P, et al. **Pediatr Radiol** 1984;14(6):392-5

Computed tomography in the detection of small renal cell carcinoma. Inamoto K, et al. **Radiat Med** 1983 Oct-Dec;1(4):293-8

Bilateral synchronous renal cancer. Yashiro N, et al. **Radiat Med** 1984 Apr-Jun;2(2):123-30

Digital radiology of the kidney. Hillman BJ. **Radiol Clin North Am** 1985 Jun;23(2):211-26

Angiographic staging in renal cell carcinoma. A retrospective study of 96 patients. Skat Nielsen O, et al. **Scand J Urol Nephrol** 1984;18(4):335-6

Normal excretory urography in patients with primary kidney neoplasms. Demos TC, et al. **Urol Radiol** 1985;7(2):75-9

Unusual renal pseudotumor (cloison) in a young woman with chronic rejection of a transplanted kidney. Gain DL, et al. **Urol Radiol** 1985;7(2):112-5

Rhabdoid tumor of the kidney: a case report. Montgomery P, et al. **Urol Radiol** 1985;7(1):42-4

Giant fibrous polyp of a calyx. Pimentel MC, et al. **Urol Radiol** 1985;7(1):51-3

Intrarenal hemangiomas in the Klippel-Trenaunay syndrome. Weiner SN, et al. **Urol Radiol** 1985;7(1):48-50

Complete ureteral triplication with ectopia. Bloom RA, et al. **Urology** 1985 Feb;25(2):176-8

Bilateral renal cell carcinoma diagnosed as renal abscesses. Van Poppel H, et al. **Urology** 1985 May;25(5):548-50

[Renal angiomyolipoma] Lukkarinen O, et al. **Duodecim** 1984;100(14):870-6 (Eng. Abstr.) **(Fin)**

[What can be expected of x-ray computed tomography in the assessment of the loco-regional extension of kidney cancer?] Barré C, et al. **Ann Urol (Paris)** 1985;19(3):159-63 (Eng. Abstr.) **(Fre)**

[Giant perirenal lipoma. Apropos of a case] Bruneton JN, et al. **J Radiol** 1984 Oct;65(10):713-5 (Eng. Abstr.) **(Fre)**

[Nephroblastoma with egg-shell peripheral calcifications. Apropos of 3 cases] Chaabane M, et al. **J Radiol** 1984 Oct;65(10):657-63 (Eng. Abstr.) **(Fre)**

[Preoperative x-ray computed tomography in cancer of the kidney] Schoenenberger A, et al. **J Urol (Paris)** 1984;90(6):399-403 (Eng. Abstr.) **(Fre)**

[Importance of computed tomography in metastatic kidney tumors] Kriedemann E, et al. **Arch Geschwulstforsch** 1984;54(4):317-23 (Eng. Abstr.) **(Ger)**

[Digital substraction angiography in the diagnosis of kidney carcinomas] Starck E, et al. **Digitale Bilddiagn** 1985 Jun;5(2):89-95 (Eng. Abstr.) **(Ger)**

[Interventional radiologic procedures in bilateral masses of the renal parenchyma] Mansfeld L, et al. **Radiol Diagn (Berl)** 1984;25(6):677-87 (Eng. Abstr.) **(Ger)**

[Serial computed tomography. Value of densitometric measurements in the diagnosis of benign and malignant lesions of the liver, pancreas and kidney] Krahe T, et al. **ROFO** 1985 Jul;143(1):28-35 (Eng. Abstr.) **(Ger)**

[Unusual developmental anomaly of the renal artery: left renal artery originating from the right renal artery] Kónya A, et al. **Orv Hetil** 1985 Mar 17;126(11):657-8 (Eng. Abstr.) **(Hun)**

[Lipomatosis of the renal sinus] Tizzani A, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):311-3 (Eng. Abstr.) **(Ita)**

[Angio-CT in the staging of renal carcinoma] Simonetti G, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):507-11 (Eng. Abstr.) **(Ita)**

[Computed tomography for the diagnosis of a renal mass] Takai K, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1769-76 (Eng. Abstr.) **(Jpn)**

[Two cases of renal pseudotumor in pyelonephritis] Murasawa M, et al. **Rinsho Hoshasen** 1985 Jan;30(1):141-4 (Eng. Abstr.) **(Jpn)**

[Computed tomography in the diagnosis of renal pelvic tumors] Narimatsu Y, et al. **Rinsho Hoshasen** 1984 May;29(5):555-60 (Eng. Abstr.) **(Jpn)**

[A case of necrotic renal cell carcinoma with abscess formation] Yamada T, et al. **Rinsho Hoshasen** 1985 Apr;30(4):521-4 (Eng. Abstr.) **(Jpn)**

[Intra-arterial digital subtraction angiography in the diagnosis and treatment of renal tumors] Yashiro N, et al. **Rinsho Hoshasen** 1985 May;30(5):569-72 (Eng. Abstr.) **(Jpn)**

[Lipomatosis of the renal sinus (differential diagnosis using computerized tomography] Kishkovskii AN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):87-90 (Eng. Abstr.) **(Rus)**

[Roentgenological diagnosis of extranodal lesions in children with hemoblastoses] Zelinskaia NI, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):65-9 (Eng. Abstr.) **(Rus)**

[Transitional carcinoma of the renal pelvis in a young man] Boronat F, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):407-10 (Eng. Abstr.) **(Spa)**

[Angiographic evaluation of carcinoma] Virseda JA, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):359-68 (Eng. Abstr.) **(Spa)**

[Renal oncocytoma: report of a new case] Verdú F, et al. **Arch Esp Urol** 1984 Jul-Aug;37(4):303-8 (Eng. Abstr.) **(Spa)**

RADIONUCLIDE IMAGING

Scintigraphic assessment of renal graft function and complicating lymphocele. Reddy J, et al. **Br J Urol** 1984 Oct;56(5):550-1

Pseudo-vascular tumor in a renal flow study. Elgazzar AH, et al. **Clin Nucl Med** 1985 Mar;10(3):201-2

Cystic hypernephroma mimicking an hepatic mass. Eybalin MC, et al. **Clin Nucl Med** 1984 Nov;9(11):648-9

Single photon emission computed tomography and renal pseudotumor. Vitti RA, et al. **Clin Nucl Med** 1985 Jul;10(7):501-3

Preoperative scintigraphic evaluation of the location of juxtaglomerular cell tumor. Kida T, et al. **Eur J Nucl Med** 1985;10(7-8):382-5

Comparison of 99Tcm-MDP static and dynamic methods of obstructive nephropathy detection using transit times analysis as a reference: a pilot study. Mlodkowska E, et al. **Nucl Med Commun** 1984 Jun;5(6):397-410

Scintigraphic imaging of renal angioma. Creutzig H, et al. **Pediatr Radiol** 1984;14(6):443-4

Monoclonal antibodies in human renal cell carcinoma and their use in radioimmune localization and therapy of tumor xenografts. Lange PH, et al. **Surgery** 1985 Aug;98(2):143-50

[Primary and metastatic foci of renal cell carcinoma demonstrated by renal radionuclide angiography] Hirakata R, et al. **Kaku Igaku** 1984 Nov;21(11):1527-30 **(Jpn)**

[Significance of Ga-67-citrate tomographic scan in renal cell carcinoma] Kawamura J, et al. **Kaku Igaku** 1985 Apr;22(4):491-9 (Eng. Abstr.) **(Jpn)**

[Necessity of oblique views in detecting space occupying lesions by kidney scintigraphy] Takayama T, et al. **Kaku Igaku** 1984 Nov;21(11):1495-501 **(Jpn)**

RADIOTHERAPY

Abdominal relapses in irradiated second National Wilms' Tumor Study patients. Thomas PR, et al. **J Clin Oncol** 1984 Oct;2(10):1098-101

Results of hemibody irradiation in lung metastases of renal adenocarcinoma. Kob D, et al. **Radiobiol Radiother (Berl)** 1984;25(4):557-61

Radiation therapy of lymphoblastic renal masses--benefit or hazard? Saarinen UM. **Radiology** 1985 May;155(2):511-2

[Positioning for postoperative irradiation of patients nephrectomized for cancer--prone or supine position?] Koch HL, et al. **Strahlentherapie** 1985 Jun;161(6):379-81 (Eng. Abstr.) **(Ger)**

[Effect of radiation therapy on the immune system of kidney cancer patients] Mokhort VA, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):16-9 (Eng. Abstr.) **(Rus)**

SECONDARY

Fine needle aspiration study of metastatic mixed adenosquamous carcinoma of the renal pelvis. A case report. Wahl RW. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):580-3

Primary cerebral lymphoma with glomerular renal involvement. Iskandar SS, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):524-8

Pelvic lymphadenectomy and radical cystectomy for transitional cell carcinoma of the bladder with pelvic nodal disease. Zincke H, et al. **Br J Urol** 1985 Apr;57(2):156-9

Intraglomerular metastases. Report of two cases. Belghiti D, et al. **Cancer** 1984 Nov 15;54(10):2309-12

Upper tract tumours in patients with vesico-ureteral reflux and recurrent bladder tumours. Mukamel E, et al. **Eur Urol** 1985;11(1):6-8

Renal metastases of malignant gestational trophoblastic disease: the use of intravenous urography in staging. Smith EB, et al. **Gynecol Oncol** 1985 Mar;20(3):317-24

Metastatic neoplasm to the kidney studied by computed tomography and sonography. Mitnick JS, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):43-9

Symptomatic renal mass in a patient with a positive pregnancy test [clinical conference] Snoddy WM, et al. **J Urol** 1985 Jun;133(6):1015-8

Metastatic hypernephroma from a native kidney after cadaver renal transplantation [letter] Griffin SC, et al. **Postgrad Med J** 1985 May;61(715):471

Solitary renal metastasis 23 years after extirpation of a bronchial adenoid cystic carcinoma. Ladefoged C, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):245-8

Neoplasm to neoplasm metastasis. A renal oncocytoma with metastatic bronchogenic carcinoma. Olsen JH, et al. **Scand J Urol Nephrol** 1984;18(3):255-6

Renal metastases from osteogenic sarcoma. Ayres R, et al. **Urol Radiol** 1985;7(1):39-41

Expanded 99mTc-methylene diphosphonate (MDP) bone scan. Pollen JJ, et al. **Urology** 1984 Dec;24(6):632-8

Metastatic cervical carcinoma masquerading as bilateral renal abscesses. Reznicek SB, et al. **Urology** 1985 Feb;25(2):174-5

SECRETION

Renin-secreting tumour. Robertson JI. **Contrib Nephrol** 1984;43:153-8 (34 ref.)

SURGERY

Surgical removal of bone and muscle metastases of renal cancer. Stener B, et al. **Acta Orthop Scand** 1984 Oct;55(5):491-500

Organ-preserving surgery in renal cell carcinoma: tumor enucleation versus partial kidney resection. Rosenthal CL, et al. **Eur Urol** 1984;10(4):222-8

Second-look laparotomy for Wilms' tumor: indications and results in 19 patients. Grosfeld JL, et al. **J Pediatr Surg** 1985 Apr;20(2):145-9

Renal cell carcinoma invading the inferior vena cava: the use of the Greenfield filter to prevent tumor emboli during nephrectomy. Rosenthal D, et al. **J Urol** 1985 Jul; 134(1):126-7

Partial nephrectomy for a renal oncocytoma associated with tuberous sclerosis. Srinivas V, et al. **J Urol** 1985 Feb; 133(2):263-5

Renal cell carcinoma: new developments [editorial] Lieber MM. **Mayo Clin Proc** 1985 Oct;60(10):715-6

Treatment of renal cell carcinoma by in situ partial nephrectomy and extracorporeal operation with autotransplantation. Zincke H, et al. **Mayo Clin Proc** 1985 Oct;60(10):651-62

Partial nephrectomy for Wilms' tumor in a child with hemihypertrophy. Proceedings of the Tumor Board of the Children's Hospital of Philadelphia [clinical conference] Bishop HC, et al. **Med Pediatr Oncol** 1985;13(1):37-9

Clinical and histological resolution of systemic amyloidosis after renal cell carcinoma removal. Karsenty G, et al. **Nephron** 1985;40(2):232-4

Solitary pancreatic metastasis occurring 20 years after nephrectomy for carcinoma of the kidney. Audisio RA, et al. **Tumori** 1985 Apr 30;71(2):197-200

Lymph node dissection, renal artery embolization and other aspects of the management of renal carcinoma. Chisholm GD, et al. **Turk J Pediatr** 1984;26(1-4):211-9

Conservative and radical treatment for tumors of the kidney. Wickham JE. **Turk J Pediatr** 1984;26(1-4):221-6

Volvulus of cecum following simple nephrectomy. Ali Khan S, et al. **Urol Int** 1985;40(1):1-2

The influence of cytoreductive surgery on the response to chemotherapy of a rat renal cancer. deVere White R, et al. **Urol Res** 1985;13(1):35-8

Staging of renal cell carcinoma: cost-effectiveness of routine preoperative bone scans. Campbell RJ, et al. **Urology** 1985 Mar;25(3):326-9

Large renal hemangioma necessitating nephrectomy. Yazaki T, et al. **Urology** 1985 Mar;25(3):302-4

The advantages of preoperative therapy in Wilms' tumour. A summarised report on clinical trials conducted by the International Society of Paediatric Oncology (SIOP). Bürger D, et al. **Z Kinderchir** 1985 Jun;40(3):170-5

[Hypothermia in urological practice] Kumanov Kh, et al. **Khirurgiia (Sofiia)** 1984;37(5):395-400 **(Bul)**

[Surgical treatment of adenocarcinoma of the kidneys after prior embolization of the renal artery] Klemenc J, et al. **Cas Lek Cesk** 1984 Dec 28;123(52):1595-8 (Eng. Abstr.) **(Cze)**

[Cellulo-lymphadenectomy in tumors of the kidney] Bouffioux C. **Acta Urol Belg** 1984;52(3):368-79 (Eng. Abstr.) **(Fre)**

[Retroperitoneal access by the transthoracic approach] Mégevand R. **Helv Chir Acta** 1984 Oct;51(3-4):457-8 **(Fre)**

[Relative value of adjuvant nephrectomy in metastatic renal cell carcinoma] Slisów W, et al. **Arch Geschwulstforsch** 1984;54(6):483-90 (Eng. Abstr.) **(Ger)**

[Experiences with a modification of Nagamatsu's extrapleural thoracoabdominal approach] Bach D, et al. **Helv Chir Acta** 1984 Oct;51(3-4):483-6 (Eng. Abstr.) **(Ger)**

[Cystic kidney diseases and kidney tumors] Bürgler W, et al. **Helv Chir Acta** 1984 Oct;51(3-4):417-20 (Eng. Abstr.) **(Ger)**

[Transthoracic retroperitoneal approach in urology] Furrer R, et al. **Helv Chir Acta** 1984 Oct;51(3-4):481-2 (Eng. Abstr.) **(Ger)**

[A wing-shaped pararectal incision in tumor nephrectomy] Hubmer G, et al. **Helv Chir Acta** 1984 Oct;51(3-4):477-9 (Eng. Abstr.) **(Ger)**

[Prevention of complications following abdominal surgical urologic interventions by plasma protein substitutes] Bauer HW, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):130-3 (Eng. Abstr.) **(Ger)**

[Prognosis in kidney cancer] Jaeger N, et al. **Lebensversicherungsmedizin** 1985 May 1;37(3):75-8 (Eng. Abstr.) **(Ger)**

[Method of radical transabdominal tumor nephrectomy with facultative or systemic lymph node dissection and results in 381 patients] Herrlinger A, et al. **Urologe [Ausg A]** 1984 Sep;23(5):267-74 (Eng. Abstr.) **(Ger)**

[Kidney tumors in the elderly patient over 75] Lehmann HD. **Zentralbl Chir** 1984;109(18):1212-5 (Eng. Abstr.) **(Ger)**

[Ureteral stump metastasis of renal adenocarcinoma 3 years after nephrectomy] Di Nicola G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):51-5 (Eng. Abstr.) **(Ita)**

[Role of surgery in the treatment of Wilms' tumor] Esposito G, et al. **Minerva Urol Nefrol** 1984 Jan-Mar;36(1):29-34 (Eng. Abstr.) **(Ita)**

[Late recurrence of Wilms' tumor] Perilongo G, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):447-8 (Eng. Abstr.) **(Ita)**

[A case of simultaneous surgery for primary double cancer of the stomach and kidney] Yoshizumi Y, et al. **Gan No Rinsho** 1985 Apr;31(4):429-33 (Eng. Abstr.) **(Jpn)**

[Surgical resection in pulmonary metastases of genitourinary cancers] Hashimoto H, et al. **Hinyokika Kiyo** 1984 Oct; 30(10):1387-92 (Eng. Abstr.) **(Jpn)**

[A case of renal lymphoma] Ito Y, et al **Hinyokika Kiyo** 1983 Oct;29(10):1345-9 (Eng. Abstr.) **(Jpn)**

[Lymphadenectomy for renal cell carcinoma] Masuda F, et al. **Hinyokika Kiyo** 1985 Apr;31(4):595-600 (Eng. Abstr.) **(Jpn)**

[A case of transitional cell carcinoma occurring in the bladder and bilateral renal pelvis] Numasato S, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1827-33 (Eng. Abstr.) **(Jpn)**

[Resection of solitary pulmonary cancer metastatic from renal cell carcinoma: a case report] Okumura S, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1063-7 (Eng. Abstr.) **(Jpn)**

[Indications of extracorporeal surgery (autotransplantation) for upper urinary tumors and renal calculi] Osawa A, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1557-64 (Eng. Abstr.) **(Jpn)**

[Thoracoabdominal radical nephrectomy for renal cell carcinoma] Masuda F, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May;75(5):787-94 (Eng. Abstr.) **(Jpn)**

[A case report of renal cell carcinoma developing in a sole functioning kidney] Okada H, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):257-62 (Eng. Abstr.) **(Jpn)**

[Cerebellar hemangioblastoma developing after nephrectomy for renal cell carcinoma] Hara H, et al. **No Shinkei Geka** 1984 Dec;12(13):1529-33 (Eng. Abstr.) **(Jpn)**

[Resection of the kidney in racemose hemangioma] Pereverzev AS, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr; (2):60-1 **(Rus)**

[Preoperative embolization of the renal artery in the surgical treatment of kidney tumors] Glukhov IuD, et al. **Voen Med Zh** 1984 Dec;(12):25-7 **(Rus)**

[Extensive lymphadenectomy in renal carcinoma. Rational basis and long-term results] Giuliani L, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:631-7 (Eng. Abstr.) **(Spa)**

[Surgery of renal carcinoma: transperitoneal subcostal access] Virseda JA, et al. **Arch Esp Urol** 1985 Mar-Apr; 38(2):137-48 (Eng. Abstr.) **(Spa)**

THERAPY

The changing management of Wilms' tumor over a 30-year period. 1949-1978. Clouse JW, et al. **Cancer** 1985 Sep 15; 56(6):1484-9

Locally recurrent hypernephroma treated by radiation therapy and embolization. A report of two cases. Nickolisen R, et al. **Cancer** 1985 Sep 1;56(5):1049-51

Perusing the ASCO abstracts with a focus on interferons in malignant melanoma and renal cell carcinoma. Carter SK. **Cancer Chemother Pharmacol** 1984;13(3):153-6

The antitumor effects of human lymphoblastoid interferon on human renal cell carcinoma in athymic nude mice. Yamaoka T, et al. **Cancer Chemother Pharmacol** 1985; 14(3):184-7

Treatment of renal cell carcinoma with alpha (human leukocyte) interferon and vinblastine in combination: a phase I-II trial. Figlin RA, et al. **Cancer Treat Rep** 1985 Mar;69(3):263-7

Interferon and doxorubicin in renal cell carcinoma. Muss HB, et al. **Cancer Treat Rep** 1985 Jun;69(6):721-2

Phase II study of human lymphoblastoid interferon in patients with advanced renal carcinoma. Vugrin D, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):817-20

Complications of renal tumor embolization. Lammer J, et al. **Cardiovasc Intervent Radiol** 1985;8(1):31-5

Hemorrhagic renal angiomyolipoma: superselective renal arterial embolization for preservation of renal function. Sanchez FW, et al. **Cardiovasc Intervent Radiol** 1985; 8(1):39-42

Ethanol embolization of a renal tumor, complicated by colonic infarction. Teertstra HJ, et al. **Diagn Imag Clin Med** 1984;53(5):250-4

Transcatheter embolization of renal tumors with I-125 particles. Lang EK. **Digitale Bilddiagn** 1984 Dec; 4(4):165-70

Tumour regression after extracorporeal affinity chromatography of blood plasma across agarose beads containing staphylococcal protein A. Håkansson L, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1377-88

Transcatheter ablation of renal tumors. Rosenthal RE, et al. **J Am Osteopath Assoc** 1984 Oct;84(2):191-7

Embolizing techniques in urology [editorial] McIvor J. **J R Soc Med** 1984 Nov;77(11):909-10

The value of transvascular embolization in the treatment of renal carcinoma. Christensen K, et al. **J Urol** 1985 Feb; 133(2):191-3

Durable response of a carcinoma in situ of the renal pelvis to topical bacillus Calmette-Guerin. Herr HW. **J Urol** 1985 Sep;134(3):531-2

Preoperative angioinfarction of localized renal cell carcinoma using absolute ethanol. Klimberg I, et al. **J Urol** 1985 Jan; 133(1):21-4

Anti-tumour therapy by induction of endogenous tumour necrosis factor [letter] Kato M, et al. **Lancet** 1985 Aug 3;2(8449):270

Oncology seen through the prism of Wilms tumor. D'Angio GJ. **Med Pediatr Oncol** 1985;13(2):53-8

Characterization of effector cells mediating the augmentation of spontaneous cell-mediated cytotoxicity induced by therapeutic infarction of human renal carcinomas. Johnson G, et al. **Urol Int** 1984;39(4):236-40

Management of symptomatic renal angiomyolipomas by embolization. Rosen RJ, et al. **Urol Radiol** 1984; 6(3-4):196-200

Infarction-nephrectomy for metastatic renal carcinoma. Southwest oncology group study. Gottesman JE, et al. **Urology** 1985 Mar;25(3):248-50

Human lymphoblastoid interferon therapy for advanced renal cell carcinoma. Marumo K, et al. **Urology** 1984 Dec; 24(6):567-71

Treatment of renal cell carcinoma with renal infarction, delayed nephrectomy, medroxyprogesterone, and xenogeneic immune RNA. Weigel JW, et al. **Urology** 1985 Feb;25(2):103-5

[Clinical application of renal artery embolization analysis of 40 cases] Zhao WP, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):286-7, 318-9 (Eng. Abstr.) **(Chi)**

[Embolization of renal cancer with absolute alcohol] Haapanen A, et al. **Duodecim** 1985;101(2):179-83 **(Fin)**

[Palliative embolization of kidney tumors using iodol-marked Ethibloc] Weber J, et al. **ROFO** 1984 Oct;141(4):384-9 (Eng. Abstr.) **(Ger)**

[Adenocarcinoma of the kidney (hypernephroma)] Probst W, et al. **Schweiz Med Wochenschr** 1984 Oct 13; 114(41):1406-15 (80 ref.) (Eng. Abstr.) **(Ger)**

[Absolute alcohol, an adjustable embolization material in kidney tumors] Timmermann J, et al. **Urologe [Ausg A]** 1984 Sep;23(5):275-7 (Eng. Abstr.) **(Ger)**

[Unusual course of osseous metastasis of hypernephroid carcinoma] Lange H, et al. **Zentralbl Chir** 1985; 110(10):628-30 **(Ger)**

[Wilm's tumor] Fossati Bellani F. **Pediatr Med Chir** 1984 Mar-Apr;6(2):193-200 (Eng. Abstr.) **(Ita)**

[The role of preoperative embolization in renal cell carcinoma] Masuda F, et al. **Gan No Rinsho** 1985 Mar; 31(3):289-92 (Eng. Abstr.) **(Jpn)**

[Phase I-II study of recombinant interferon gamma] Adachi K, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1331-8 (Eng. Abstr.) **(Jpn)**

[A case of metastatic renal cell carcinoma with complete remission achieved by interferon therapy] Kawasaki C, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):566-9 (Eng. Abstr.) **(Jpn)**

[Experience in local hyperthermia with using ThermaTech 2000--second report] Mitsuno K, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1612-7 (Eng. Abstr.) **(Jpn)**

[The treatment of renal cell carcinoma with recombinant human leukocyte interferon] Kawamura J, et al. **Hinyokika Kiyo** 1985 Mar;31(3):377-86 (Eng. Abstr.) **(Jpn)**

[Renal arterial embolization for renal cell carcinoma] Yamasaki Y, et al. **Hinyokika Kiyo** 1985 Mar;31(3):387-95 (Eng. Abstr.) **(Jpn)**

[A clinical study on tumor of the renal pelvis and the ureter] Yui Y, et al. **Hinyokika Kiyo** 1985 Feb;31(2):231-7 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of renal cell carcinoma. 4. Interferon] Satomi Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun; 75(6):909-16 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on the effect of absolute ethanol in renal arterial embolization] Matuo N, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):462-74 (Eng. Abstr.) **(Jpn)**

[Current treatment of Wilms' tumor] Proca E, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):241-51 (Eng. Abstr.) **(Rum)**

[Features of therapeutic tactics in cancer of the urinary bladder and kidney in late middle-aged and elderly persons] Igel'nik AM. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):59-65 (138 ref.) **(Rus)**

[Trials of immunotherapy in tumors of the urinary tract] Corrado F, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:659-66 (Eng. Abstr.) **(Spa)**

[Current experience in the diagnosis and treatment of renal tumors] Vargas Delaunoy F, et al. **Arch Esp Urol** 1984 Sep-Oct;37(5):412-8 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Electron-microscopic analysis of nephroblastomas induced transplacentally in the IIIVO/J rabbit by a single dose of N-ethylnitrosourea. Hard GC, et al. **Am J Pathol** 1984 Nov;117(2):239-51

Clear cell sarcoma of the kidney with emphasis on ultrastructural studies. Haas JE, et al. **Cancer** 1984 Dec 15;54(12):2978-87

Renin storage and cell differentiation in juxtaglomerular cell tumors: an immunohistochemical and ultrastructural study of three cases. Camilleri JP, et al. **Hum Pathol** 1984 Nov; 15(11):1069-79

Morphologic features of renal oncocytoma: a light and electron microscopic study. Eble JN, et al. **Hum Pathol** 1984 Nov;15(11):1054-61

Inflammatory malignant fibrous histiocytoma of the kidney: an immunohistochemical and ultrastructural study. Muretto P, et al. **Tumori** 1985 Apr 30;71(2):147-53

[Characteristics of a cell line obtained from a human hypernephroma] Shevliagin VIa, et al. **Biol Nauki** 1985; (6):29-33 (Eng. Abstr.) **(Rus)**

VETERINARY

Two cases of renal neoplasia in a colony of desert iguanas. Burt DG, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1423-5

Pancreatic beta-cell carcinoma with renal metastasis in a dog. Dahlgren RR, et al. **J Am Vet Med Assoc** 1985 Aug 15; 187(4):425-6

Renal vascular hamartomas in a captive coyote. LeaMaster BR, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1392-3

Two cases of lymphosarcoma in channel catfish exposed to N-methyl-N'-nitro-N-nitrosoguanidine. Chen HH, et al. **JNCI** 1985 Apr;74(4):933-9

Renal papillary adenoma in a cotton-topped tamarin (Saguinus oedipus). Brack M. **Lab Anim** 1985 Apr; 19(2):132-3

Nephroblastoma with liver and lung metastases in an adult dog. Nakayama H, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):897-900

Meningeal hemangioma and renal hamartoma in a heifer. Hodgin EC. **Vet Pathol** 1985 Jul;22(4):420-1

Immune complex glomerulonephritis in a cat with renal lymphosarcoma. Jeraj KP, et al. **Vet Pathol** 1985 May; 22(3):287-90

Renal fibroma in four dogs. Picut CA, et al. **Vet Pathol** 1985 Jul;22(4):422-3

Cystic nephroblastoma of an aged dog. Umeda M, et al. **Vet Pathol** 1985 Jan;22(1):84-5

Spontaneous renal pelvic carcinoma in DA/Han rats. Short communication. Deerberg F, et al. **Z Versuchstierkd** 1985; 27(1):33-8

KIDNEY PAPILLA see **KIDNEY MEDULLA**

KIDNEY PAPILLARY NECROSIS

CHEMICALLY INDUCED

Papillary necrosis, marked, associated with aspirin abuse and interstitial nephritis, acute and chronic. Mullick FG. **Milit Med** 1984 Oct;149(10):569, 575

Ultrasonic findings in analgesic nephropathy. Weber M, et al. **Nephron** 1985;39(3):216-22

COMPLICATIONS

Urinoma complicating papillary necrosis in diabetes. Dennis MS, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1581

DRUG THERAPY

Candida tropicalis papillary necrosis treated with ketoconazole [letter] Cohen PS, et al. **NY State J Med** 1985 Mar;85(3):97

ETIOLOGY

Necrotizing emphysematous pyelonephritis: a case report. Pinna A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):323-5

Epidemiological studies on renal papillary necrosis with diabetes mellitus in Japan. Oshima Y, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:427-30

METABOLISM

Carbonic anhydrase independent bicarbonate reabsorption in rats with chronic papillary necrosis. Cruz-Soto M, et al. **Miner Electrolyte Metab** 1984;10(5):319-25

OCCURRENCE

Renal papillary necrosis: retrospective post-mortem study. Segasothy M, et al. **Singapore Med J** 1985 Feb;26(1):61-3

PATHOLOGY

Pattern of renal cortical scarring after experimental papillary necrosis. Whitbourn RJ, et al. **Pathology** 1984 Jul; 16(3):272-7

PHYSIOPATHOLOGY

Pathophysiology of drug-induced papillary necrosis. Sabatini S. **Fundam Appl Toxicol** 1984 Dec;4(6):909-21 (71 ref.)

RADIOGRAPHY

Renal papillary necrosis. Retrospective radiological study. Segasothy M, et al. **Singapore Med J** 1984 Aug;25(4):254-8

SURGERY

Surgical treatment of renal papillary necrosis. Yasumoto R, et al. **Osaka City Med J** 1984 Dec;30(2):161-3

VETERINARY

Renal papillary necrosis in equines. Faulkner LW, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):379-81

KIDNEY PELVIS

Sarcomatoid *transitional cell carcinomas* of the renal pelvis. An ultrastructural and immunohistochemical study. Wick MR, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):55-8

Localised primary amyloidosis of the renal pelvis. Fox M, et al. **Br J Urol** 1984 Apr;56(2):223-4

Renal fibrolipomatosis simulating renal pelvic tumour. Kitada S, et al. **Br J Urol** 1984 Apr;56(2):228-9

A pararenal pseudocyst of unusual aetiology. Worrell J. **Br J Urol** 1985 Apr;57(2):239-40

Percutaneous catheter nephrostomy drainage--results of 70 procedures. Hennessy OF, et al. **Eur J Radiol** 1985 Aug; 5(3):181-5

Cholesteatoma--renal pelvis. A case report. Gupta JC, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):261-2

Primary carcinomas of renal pelvis. (A follow up study). Ranadive NU, et al. **Indian J Pathol Microbiol** 1984 Jan; 27(1):11-7

Minimal fetal renal pyelectasis. Hoddick WK, et al. **J Ultrasound Med** 1985 Feb;4(2):85-9

Durable response of a carcinoma in situ of the renal pelvis to topical bacillus Calmette-Guerin. Herr HW. **J Urol** 1985 Sep;134(3):531-2

Percutaneous management of a pyelocaliceal diverticular abscess. Ramchandani P, et al. **J Urol** 1985 Jan;133(1):81-3

Myxoid fibroepithelial polyp in caliceal diverticulum. Ritchey ML, et al. **J Urol** 1985 Jan;133(1):79-80

Candida pyocalix: unusual complication of prolonged nephrostomy drainage. Sonda LP, et al. **J Urol** 1985 Oct; 134(4):722-4

Ultrasound demonstration of renal pelvic urine-debris levels caused by blood clot: association with subepithelial hemorrhage. Dyer R, et al. **JCU** 1984 Jul-Aug;12(6):360-2

Aspergilloma of the renal pelvis in a leukemic child. Marchand R, et al. **Pediatr Infect Dis** 1985 Jan-Feb; 4(1):103-5

Submucosal edema of the collecting system: a new ultrasonic sign of severe, acute renal allograft rejection. A clinical note. Birnholz JC, et al. **Radiology** 1985 Jan;154(1):190

Lysis of obstructive renal pelvic clots with retrograde instillation of streptokinase. A case report. Stegmayr B, et al. **Scand J Urol Nephrol** 1984;18(4):347-50

Percutaneous recanalization and dilatation of a surgically ligated calyx. Lammer J, et al. **Urol Radiol** 1984; 6(3-4):215-7

Spontaneous rupture of hydronephrotic renal pelvis with massive hemorrhage. Aliabadi HA, et al. **Urology** 1985 Jan; 25(1):17-21

Use of percutaneous cystocatheter for tube drainage of pyeloplasties. Best GS, et al. **Urology** 1985 Jun;25(6):641-2

Transitional cell carcinoma of kidney extending into renal vein and inferior vena cava. Jitsukawa S, et al. **Urology** 1985 Mar;25(3):310-2

Spontaneous fistula formation in renal pelvis of transplanted kidney. Villavicencio H, et al. **Urology** 1985 Mar; 25(3):300-1

Spontaneous renal pelvic carcinoma in DA/Han rats. Short communication. Deerberg F, et al. **Z Versuchstierkd** 1985; 27(1):33-8

[Retrograde ureteropyeloscopy. Preliminary results] Hansen RI, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1791-3 (Eng. Abstr.) **(Dan)**

[Pyeloureteroscopy with a fiberscope] Schultz A, et al. **Ugeskr Laeger** 1984 Jun 11;146(24):1793-6 (Eng. Abstr.) **(Dan)**

[The pelvicaliceal system in the sonogram--distinction between physiological and pathological dilatation] Frentzel-Beyme B, et al. **Rontgenblatter** 1985 Jan; 38(1):7-12 (Eng. Abstr.) **(Ger)**

[Spontaneous rupture of the renal pelvis: a case report] Uchibayashi T, et al. **Hinyokika Kiyo** 1983 Oct; 29(10):1359-62 (Eng. Abstr.) **(Jpn)**

[Primary cancers of kidney pelvis and ureter] Pilch M, et al. **Nowotwory** 1985 Jan-Mar;35(1):81-8 (Eng. Abstr.) **(Pol)**

[Intraoperative calycopyeloscopy] Koraev KN. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):40-2 (Eng. Abstr.) **(Rus)**

[Transitional carcinoma of the renal pelvis in a young man] Boronat F, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):407-10 (Eng. Abstr.) **(Spa)**

[Cholesteatoma of the renal pelvis. Diagnostic and therapeutic considerations] Junguera Villa JM, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):411-4 (Eng. Abstr.) **(Spa)**

[Caliceal diverticulum and simple renal cyst. Developmental aspects of the same entity?] Castejón Casado J, et al. **An Esp Pediatr** 1984 Nov 30;21(8):765-8 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Familial pelviureteric junction hydronephrosis and its association with a duplex pelvicaliceal system and vesicoureteric reflux. A family study. Atwell JD. **Br J Urol** 1985 Aug;57(4):365-9

Congenital megacalices in a black woman. Hamrick LC, et al. **J Urol** 1985 Oct;134(4):714-5

Percutaneous endopyelopyelotomy: endourological management of a bifid pelvis with ureteropelvic junction obstruction. Smith AD, et al. **J Urol** 1985 Aug;134(2):327-9

Duplication of the renal pelvis and ureter: associated anomalies and pathological conditions. Inamoto K, et al. **Radiat Med** 1983 Jan-Mar;1(1):55-64

A peculiar kidney [letter] Green JA. **S Afr Med J** 1985 Apr 13;67(15):573-4

[Pyelo-ureteral duplication and vesico-ureteral reflux] Fehri M, et al. **Ann Urol (Paris)** 1984 Apr;18(2):103-12 (Eng. Abstr.) **(Fre)**

[Complications of pyelo-ureteral duplications in children and their surgical treatment. Apropos of 69 cases (78 pathogenic duplications)] Dodat H, et al. **Pediatrie** 1985 Jan-Feb; 40(1):7-15 (Eng. Abstr.) **(Fre)**

[Megacalycosis] Jichlinski P, et al. **Ther Umsch** 1985 Feb; 42(2):109-12 (Eng. Abstr.) **(Fre)**

[Hydronephrosis caused by congenital obstruction of the ureteropelvic junction. Experience in 112 pediatric cases] Laurenti C, et al. **Minerva Urol Nefrol** 1984 Apr-Jun; 36(2):115-22 (Eng. Abstr.) **(Ita)**

[Fraley's solitary kidney syndrome in an 11-year-old girl] Kacprzyk SS, et al. **Wiad Lek** 1984 Jun 1;37(11):881-3 (Eng. Abstr.) **(Pol)**

ANATOMY & HISTOLOGY

Detailed caliceal anatomy for endourology. Kaye KW, et al. **J Urol** 1984 Dec;132(6):1085-8

Endoscopic visualization of the supravesical urinary tract: transurethral ureteropyeloscopy and percutaneous nephroscopy. Huffman JL, et al. **Semin Urol** 1985 Feb; 3(1):60-75 (50 ref.)

[Topographic anatomy of the caliceal stem: the colonic risk] Benoit G, et al. **Ann Urol (Paris)** 1985;19(3):190-2 (Eng. Abstr.) **(Fre)**

BLOOD SUPPLY

Arterial vascularization of renal papillae and minor calyces. Kosiński H. **Folia Morphol** 1984;43(2):153-8

Ultrasonic detection of renal pelvic and ureteric varices. Kauzlaric D, et al. **JCU** 1984 Nov-Dec;12(9):569-71

Arteriocalyceal fistula after grafted kidney biopsy. Successful management by selective catheter embolization. Benoit G, et al. **Urology** 1984 Nov;24(5):487-90

[Arteriovenous-caliceal fistula following biopsy of a transplanted kidney. Treatment by selective arterial embolization] Benoit G, et al. **Ann Urol (Paris)** 1984 May; 18(3):180-2 (Eng. Abstr.) **(Fre)**

[A case of suppurative pyelophlebitis with development of hepatoportal collaterals (cavernous transformation of the portal vein)] Ibuki Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1406-11 **(Jpn)**

DRUG EFFECTS

Effects of vasoactive intestinal polypeptide on the spontaneous phasic activity of rabbit bladder and kidney pelvis preparations in vitro. Kihl B, et al. **Acta Physiol Scand** 1985 Apr;123(4):497-9

Renal pelvic and ureteral dilatation in male rats ingesting trisodium nitrilotriacetate. Kanerva RL, et al. **Food Chem Toxicol** 1984 Sep;22(9):749-53

[Effect of beta 1-and beta 2-adrenergic drugs on the smooth muscles of the canine upper urinary tract] Morita T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug; 75(8):1267-73 (Eng. Abstr.) **(Jpn)**

[Prolonged drip lavage of the caliceal-pelvic system of the kidneys after operations in the complex treatment of calculous pyelonephritis in children] Pulatov AT, et al. **Klin Khir** 1985;(6):19-21 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

[Can fetal kidney dilatation be physiologic?] Deutinger J, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):441-3 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Prostaglandin synthetase inhibition of renal pelvic smooth muscle in the rabbit. Lundstam S, et al. **Br J Urol** 1985 Aug;57(4):390-3

INJURIES

Renal pelvi-ureteric injury in traumatic paraplegia. Jaffray DC, et al. **Injury** 1985 Jan;16(4):244-6

[Extravasation of contrast media in the excretory urogram] Tosch U, et al. **Digitale Bilddiagn** 1984 Sep;4(3):112-7 (Eng. Abstr.) **(Ger)**

[Isolated traumatic rupture of the renal pelvis with formation of a pararenal pseudocyst] Bliudzin ZL. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):53 **(Rus)**

METABOLISM

Examination of transepithelial exchange of water and solute in the rat renal pelvis. Bargman J, et al. **J Clin Invest** 1984 Nov;74(5):1860-70

MICROBIOLOGY

[Study on the detection of bacterial infection in tubeless ureterocutaneostomy] Matsuda S, et al. **Hinyokika Kiyo** 1985 Mar;31(3):419-27 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Accuracy of ultrasonography compared with urography in detection of intrarenal dilatation in children. Hederström E, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr; 26(2):201-7

Papillary mucinous cystadenoma of probable renal pelvic origin in a horseshoe kidney. Ross DG, *et al.* **Arch Pathol Lab Med** 1985 Oct;109(10):954-5

A comparison of diuresis renography, the Whitaker test and renal pelvic morphology in idiopathic hydronephrosis. Lupton EW, et al. **Br J Urol** 1985 Apr;57(2):119–23

Pelvic lymphadenectomy and radical cystectomy for transitional cell carcinoma of the bladder with pelvic nodal disease. Zincke H, et al. **Br J Urol** 1985 Apr;57(2):156–9

Mucinous adenocarcinoma of the renal pelvis. Mirone V, et al. **Eur Urol** 1984;10(4):284–5

'True' sarcomatoid carcinoma of the renal pelvis. First case report with immunocytochemical study. Piscioli F, et al. **Eur Urol** 1984;10(5):350–5

Bilateral pelviureteric junction obstruction: the case for endoscopic management. Ramsay JW, et al. **J R Soc Med** 1985 Jul;78(7):590–3

Ureteropelvic junction obstruction in children with renal ectopy. Kramer SA, et al. **J Urol (Paris)** 1984;90(5):331–6

Infiltrating renal collecting duct carcinoma associated with epithelial dysplasia of the renal pelvis. Nørgaard T, et al. **Scand J Urol Nephrol** 1985;19(1):69–70

[Sensitivity and specificity of oncologic cytology of the efferent urinary tract] Marek J, et al. **Cas Lek Cesk** 1985 Apr 26;124(17):534–8 (Eng. Abstr.) **(Cze)**

[Undifferentiated small cell carcinoma of the renal pelvis with massive invasion of the kidney] Sénécal L. **Union Med Can** 1985 Feb;114(2):147 **(Fre)**

[Pyeloureteral stenosis in adults] Leisinger HJ. **Ther Umsch** 1985 Feb;42(2):121–6 (Eng. Abstr.) **(Ger)**

[Transitional cell carcinoma of the renal pelvis with various histological appearances: a case report] Yamamoto T, et al. **Hinyokika Kiyo** 1985 Apr;31(4):647–53 (Eng. Abstr.) **(Jpn)**

[Pyeloureteral junction and aberrant vessel syndrome] Vexler L, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec;88(4):731–2 (Eng. Abstr.) **(Rum)**

PHYSIOLOGY

Pyelovenous backflow: implications for coagulum pyelolithotomy and nephroscopy. Sonda LP, et al. **J Urol** 1985 May;133(5):894–6

[Value of Whitaker's test in children for the diagnosis of an upper urinary tract obstruction] Mitrofanoff P, et al. **J Urol (Paris)** 1984;90(3):211–6 (Eng. Abstr.) **(Fre)**

[Studies on the in vivo pacemaker potentials of the canine renal pelvis] Kondo S. **Nippon Heikatsukin Gakkai Zasshi** 1984 Apr;20(2):111–21 (Eng. Abstr.) **(Jpn)**

[Experimental study of renal hemodynamic response and renal venous PRA and PGE during acute elevation of unilateral renal pelvic pressure] Sakamoto F. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):219–30 (Eng. Abstr.) **(Jpn)**

[The effects of the renal pelvic pressure elevation upon local renal blood flow distribution] Takada H. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug;75(8):1252–66 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Renal pelvic pressures in human chronic obstructive uropathy. Holden D, et al. **Br J Urol** 1984 Dec;56(6):565–70

Pyelorenal backflow. Clinical and experimental investigations. Radiologic, nuclear, medical and pathoanatomic studies. Thomsen HS. **Dan Med Bull** 1984 Dec;31(6):438–57 (171 ref.)

Renal pelvis pressure flow relationship in pigs after transsections of the ureter. Mortensen J, et al. **Scand J Urol Nephrol** 1984;18(4):329–33

Experimental study of the pressure–volume and pressure–time relations in the completely obstructed pelvis of the porcine kidney. Part 1: Introduction and theory. Donkervoort TK, et al. **Urol Res** 1985;13(1):1–3

Experimental study of the pressure–volume and pressure–time relations in the completely obstructed pelvis of the porcine kidney. Part 2: The relation between actual hydrostatic pressure, intrapelvic volume and time. Donkervoort TK, et al. **Urol Res** 1985;13(1):5–8

Experimental study of the pressure–volume and pressure–time relations in the completely obstructed pelvis of the porcine kidney. Part 3: Stability of the pelvicalyceal system. Donkervoort TK, et al. **Urol Res** 1985;13(1):9–10

Pressure volume relationships in human hydronephrosis. Koff SA. **Urology** 1985 Mar;25(3):256–8

[Pyelomanometry in obstructions of the upper urinary tract. Apropos of 26 cases] Mazeman E, et al. **Ann Urol (Paris)** 1984 Apr;18(2):90–5 (Eng. Abstr.) **(Fre)**

[Dilated upper urinary tract. Evaluation of the obstructive relevance of the ureteral junction by intrapelvic pressure-flow measurement (Whitaker test) in 23 children] Behrendt H, et al. **Urologe [Ausg A]** 1985 Mar;24(2):68–74 (Eng. Abstr.) **(Ger)**

[Flow technic for analysis of the pyelocaliceal system with regard to the genesis of urinary calculi. III. Studies of dynamic models] Schulz E, et al. **Z Urol Nephrol** 1984 Oct;77(10):589–97 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Technical refinements in percutaneous nephroureterolithotomy. Banner MP, et al. **AJR** 1985 Jul;145(1):101–7

Frusemide intravenous urography in the diagnosis of pelviureteric junction obstruction. Whitfield HN, et al. **Br J Urol** 1985 Jun;57(3):351

Computer–assisted diuresis renography: a non–invasive method to assess the dilated upper urinary tract. Ariyaprakai W, et al. **J Med Assoc Thai** 1984 Dec;67(12):654–62

Renal pelvic hematoma in hydronephrotic kidney. Bauab T Jr. **Urology** 1985 May;25(5):547

[Importance of CAT in the differential diagnosis of radiotransparent filling defects in the kidney pelvis] Gentili B, et al. **Minerva Urol Nefrol** 1984 Jul–Sep;36(3):197–202 (Eng. Abstr.) **(Ita)**

[Radiographic evaluation of upper calyx syndrome] Winnicki S, et al. **Probl Med Wieku Rozwoj** 1984;13:68–72 (Eng. Abstr.) **(Pol)**

SURGERY

Percutaneous removal of caliceal calculi. Bush WH, et al. **AJR** 1985 Jan;144(1):139–42

Experimental studies in pelviureteric obstruction and hydronephrosis. Groeneveld AE. **Ann Acad Med Singapore** 1984 Oct;13(4):571–84

A simple technique for removing the coagulum cast in coagulum pyelolithotomy. Ghazizadeh M, et al. **Br J Urol** 1984 Apr;56(2):229

Percutaneous pyelolysis: a new approach to post–transplant ureteric obstruction. Lewi HJ, et al. **Br J Urol** 1985 Jun;57(3):354–5

Technical modifications of Anderson Hynes pyeloplasty for congenital pelviureteric junction obstruction. McLean PA, et al. **Br J Urol** 1985 Feb;57(1):114–5

Does calcium contribute to the effectiveness of a coagulum for pyelolithotomy? Watson GM, et al. **Br J Urol** 1984 Apr;56(2):131–4

Calicopyelocystostomy in auto- and allotransplanted kidneys. Report of 2 cases. Nielubowicz J, et al. **Eur Urol** 1984;10(6):410–3

Recipient ureterocalycostomy in a renal allograft: case report of a transplant salvage. Jarowenko MV, et al. **J Urol** 1985 May;133(5):844–5

Obstructed calycocystostomy site in association with a transplanted kidney: percutaneous management. Cardella JF, et al. **Radiology** 1985 Jul;156(1):67–8

Urodynamic consequences of a direct pyelocystostomy at autotransplantation of the kidney. Ranch T, et al. **Urol Int** 1985;40(2):82–7

Use of retrograde occlusion balloon catheters in percutaneous removal of renal calculi. Beckmann CF, et al. **Urology** 1985 Mar;25(3):277–83

Toward bloodless nephrotomy during Gil–Vernet pyelolithotomy. Carpiniello VL, et al. **Urology** 1985 Feb;25(2):187

Pelviureteric obstruction in children: the effect of pyeloplasty on 99mTc–DTPA uptake and washout. Vihma Y, et al. **Z Kinderchir** 1984 Dec;39(6):358–63

[Pyeloplasty: Benessayag's contrivance] Benassayag E, et al. **Ann Urol (Paris)** 1985;19(4):263–5 (Eng. Abstr.) **(Fre)**

[Stenosis of the pyeloureteral junction: genesis, diagnosis, therapy and surgical results] Vonbank F. **Ther Umsch** 1985 Feb;42(2):117–20 (Eng. Abstr.) **(Ger)**

[Intra- and postoperative complications in interventions of the kidney, kidney calices and upper ureter] Lutzeyer W. **Urologe [A]** 1985 May;24(3):127–31 (Eng. Abstr.) **(Ger)**

[Microsurgery of the kidney pelvis] Kramer W, et al. **Urologe [Ausg A]** 1984 Sep;23(5):254–7 (Eng. Abstr.) **(Ger)**

[The role of percutaneous puncture of the kidney pelvis in urologic practice] Hamvas A, et al. **Orv Hetil** 1984 Nov 18;125(47):2857–61 (Eng. Abstr.) **(Hun)**

[Our experience in the junction syndrome] Grassetti F, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):321–7 (Eng. Abstr.) **(Ita)**

[Unusual complication of percutaneous pyelostomy] Manieri C, et al. **Minerva Urol Nefrol** 1984 Apr–Jun;36(2):89–92 (Eng. Abstr.) **(Ita)**

[A clinical observation on pyeloplasty in obstruction of the ureteropelvic junction. Special consideration on Anderson-Hynes pyeloplasty] Watanabe S, et al. **Hinyokika Kiyo** 1984 Oct;30(10):1393–404 (Eng. Abstr.) **(Jpn)**

[Radioisotope split renal function and diuretic renogram in the surgical management of pelvo–ureteral junction] Nonomura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):654–64 (Eng. Abstr.) **(Jpn)**

[Suture incompetence in pelviureteral anastomosis in hydronephrosis] Vukalovich PS, et al. **Klin Khir** 1984 Dec;(12):19–20 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

[Ultrastructural modifications of the tunica muscularis in congenital obstruction of the upper urinary tract. Physiopathological interpretations and anatomo–clinical correlations] Faussone–Pellegrini MS, et al. **J Urol (Paris)** 1984;90(3):217–26 (Eng. Abstr.) **(Fre)**

[Experimental ascending pyelonephritis. Light, scanning electron and transmission electron microscopic observations] Nakashima T. **Nippon Hinyokika Gakkai Zasshi** 1984 Sep;75(9):1359–71 (Eng. Abstr.) **(Jpn)**

KIDNEY, POLYCYSTIC

[Cystic renal disease in childhood] Pela I, et al. **Pediatr Med Chir** 1984 Jul–Aug;6(4):561–4 (Eng. Abstr.) **(Ita)**

BLOOD

Serum immunoreactive erythropoietin levels in patients with polycystic kidney disease as compared with other hemodialysis patients. Chandra M, et al. **Nephron** 1985;39(1):26–9

[Deviations in cholesterol metabolism as a risk factor in patients with chronic glomerulonephritis and with polycystic kidney] Stříbrná J, et al. **Vnitr Lek** 1985 Mar;31(3):285–91 (Eng. Abstr.) **(Cze)**

COMPLICATIONS

Liver changes and complications in adult polycystic kidney disease. Grünfeld JP, et al. **Adv Nephrol** 1985;14:1–20

Cystic dysplastic kidneys associated with Dandy–Walker malformation and congenital hepatic fibrosis. Report of two cases. Kudo M, et al. **Am J Clin Pathol** 1985 Oct;84(4):459–63

Autosomal dominant polycystic kidney disease: presentation, complications, and prognosis. Delaney VB, et al. **Am J Kidney Dis** 1985 Feb;5(2):104–11

Cholangiocellular carcinoma in polycystic kidney and liver disease. Landais P, et al. **Arch Intern Med** 1984 Nov;144(11):2274–6

Acquired cystic disease of kidney with multiple renal and urothelial neoplasms. Banerjee SS, et al. **J Clin Pathol** 1985 Aug;38(8):864–7

Association of multinodular goiter, cystic renal disease, and digital anomalies. Daneman D, et al. **J Pediatr** 1985 Aug;107(2):270–2

Persistent primitive trigeminal artery, cavum septi pellucidi, and associated cerebral aneurysm in a patient with polycystic kidney disease: case report. Matsumura M, et al. **Neurosurgery** 1985 Mar;16(3):395–7

Hepatic abscess in a patient with polycystic liver disease. A case report. du Toit DF, et al. **S Afr Med J** 1985 Apr 6;67(14):559–60

[Association of familial polycystic renal disease with a primary megaureter detected in a young girl of 14] Robein JA. **Ann Urol (Paris)** 1984 May;18(3):204–5 (Eng. Abstr.) **(Fre)**

[Kidney volume and acquired cystic disease of the kidney in patients undergoing long–term hemodialysis] Yuhara M. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):733–44 (Eng. Abstr.) **(Jpn)**

[Two cases of cerebral aneurysms combined with polycystic kidneys] Tsuha M, et al. **No Shinkei Geka** 1984 Nov;12(12):1433–8 (Eng. Abstr.) **(Jpn)**

[Proteinuria in the nephrotic range as the initial manifestation of polycystic kidney (letter)] Martinez Vea A, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):40 **(Spa)**

CONGENITAL

Del(15)(q22q24) syndrome with Potter sequence. Clark RD. **Am J Med Genet** 1984 Dec;19(4):703–5

Peroxisomal beta–oxidation enzyme proteins in the Zellweger syndrome. Tager JM, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1269–75

Cystic disease of the kidney. Greene LF. **GP** 1968 Jan;37(1):78–91 (0 ref.)

A genetically determined murine model of infantile polycystic kidney disease. Fry JL Jr, et al. **J Urol** 1985 Oct;134(4):828–33

Eruption of rootless teeth in congenital renal disease. Brin I, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):61–4

[7 cases of congenital multicystic kidney with special reference to its embryogenesis] Shinno Y, et al. **Hinyokika Kiyo** 1984 Sep;30(9):1231–7 (Eng. Abstr.) **(Jpn)**

[Combined congenital cysts of the lungs, kidneys and thyroid] Atamanov IuA. **Pediatriia** 1985 Jan;(1):53–4 **(Rus)**

[Multicystic renal dysplasia and associated abnormalities] Hernandez Bermejo JP, et al. **Arch Esp Urol** 1984 Sep–Oct;37(5):437–42 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Cystic diseases of the kidney in children. Anand SK, et al. **Adv Pediatr** 1984;31:371–404

Prenatal diagnosis of Meckel syndrome: case reports and literature review. Johnson VP, et al. **Am J Med Genet** 1984 Aug;18(4):699–711

Infantile polycystic kidney disease: observations from attempts at prenatal diagnosis. Luthy DA, et al. **Am J Med Genet** 1985 Mar;20(3):505–17

The diagnosis of congenital renal anomalies with ultrasound. II. Infantile polycystic kidney disease. Romero R, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):259–62

Sonographic differentiation between the multicystic dysplastic kidney and the ureteropelvic junction obstruction in utero using high resolution real–time scanners employing digital detection. Beretsky I, et al. **JCU** 1984 Sep;12(7):429–33

The spectrum of sonographic findings in infantile polycystic kidney disease with urographic and clinical correlations. Melson GL, et al. **JCU** 1985 Feb;13(2):113–9

Prognosis of adult onset polycystic kidney disease re–evaluated. Churchill DN, et al. **Kidney Int** 1984 Aug;26(2):190–3

The prenatal diagnosis of the cerebro-hepato-renal syndrome of Zellweger. Solish GI, et al. **Prenat Diagn** 1985 Jan-Feb; 5(1):27-34

[Prenatal diagnosis of Meckel-Gruber syndrome] Mühlhaus K, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb; 189(1):37-41 (Eng. Abstr.) **(Ger)**

[Multicystic kidney dysplasia] Karpenko VS, et al. **Urol Nefrol (Mosk)** 1984 Sep-Oct;(5):31-6 (Eng. Abstr.) **(Rus)**

[Multilocular renal cyst in childhood. Apropos of a case] López Alvarez-Buhilla P, et al. **Actas Urol Esp** 1984 Jul-Aug;8(4):315-8 (Eng. Abstr.) **(Spa)**

[Multilocular cyst of kidney: report of a case] Montesino Semper M, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):483-6 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Acquired cystic disease in kidneys of patients with chronic renal failure [letter] Purandare VV, et al. **Artif Organs** 1984 Nov;8(4):501

Acquisition of renal cysts during peritoneal dialysis [letter] Beardsworth SF, et al. **Lancet** 1984 Dec 22;2(8417-18):1482

In vivo evidence for acquired kidney cystic disease during the haemodialytic treatment. Bellinghieri G, et al. **Life Support Syst** 1984 Oct-Dec;2(4):297-9

Acquired renal cystic disease and renal neoplasms in hemodialysis patients. Cho C, et al. **Urol Radiol** 1984; 6(3-4):153-7

Sonographic evaluation of kidneys undergoing dialysis. Takebayashi S. **Urol Radiol** 1985;7(2):69-74

Uremic acquired cystic disease of kidney. Ishikawa I. **Urology** 1985 Aug;26(2):101-8 (83 ref.)

[Etiology and pathogenesis of adult polycystic kidney disease] Ye M. **Chung Hua Wai Ko Tsa Chih** 1984 Jan; 22(1):44-8, 63 (Eng. Abstr.) **(Chi)**

FAMILIAL & GENETIC

Liver cysts in autosomal-dominant polycystic kidney disease: clinical and computed tomographic study. Levine E, et al. **AJR** 1985 Aug;145(2):229-33

Efficacy of chloramphenicol in refractory cyst infections in autosomal dominant polycystic kidney disease. Schwab SJ. **Am J Kidney Dis** 1985 May;5(5):258-61

Meckel syndrome in different populations. Lurie IW, et al. **Am J Med Genet** 1984 Aug;18(4):661-9

Ventricular thrombus and hyperaggregable platelets [letter] Billings P. **Am J Med Sci** 1985 Jun;289(6):223

Cystic kidneys. Genetics, pathologic anatomy, clinical picture, and prenatal diagnosis. Zerres K, et al. **Hum Genet** 1984;68(2):104-35

Immotile cilia syndrome associated with polycystic kidney. Saeki H, et al. **J Urol** 1984 Dec;132(6):1165-6

Congenital hepatic fibrosis and adult-type autosomal dominant polycystic kidney disease in a child. Lee FI, et al. **Postgrad Med J** 1985 Jul;61(717):641-2

Autosomal dominant polycystic kidney disease: symptoms and clinical findings. Milutinovic J, et al. **Q J Med** 1984 Autumn;53(212):511-22

[Polycystic renal diseases: morphology and genetic counseling] Moerman P, et al. **J Genet Hum** 1985 Jun; 33(2):157-65 (Eng. Abstr.) **(Fre)**

[Malignant testicular tumor treated with cytostatic drugs in a case of kidney transplantation for familial cystic kidney] Schmid L, et al. **Schweiz Med Wochenschr** 1984 Dec 1; 114(48):1767-8 (Eng. Abstr.) **(Ger)**

[Dermatoglyphics in families with Potter type III polycystic kidney degeneration] Hauser G, et al. **Wien Klin Wochenschr** 1984 Nov 9;96(21):801-4 (Eng. Abstr.) **(Ger)**

MORTALITY

Adult polycystic kidney disease: a study of medical and social problems. Wilkie P, et al. **Health Bull (Edinb)** 1985 Mar; 43(2):76-84

OCCURRENCE

The Meckel syndrome in Finland: epidemiologic and genetic aspects. Salonen R, et al. **Am J Med Genet** 1984 Aug; 18(4):691-8

PATHOLOGY

Gross anatomical studies of a newborn infant with the Meckel syndrome. Pettersen JC. **Am J Med Genet** 1984 Aug; 18(4):649-59

The Meckel syndrome: clinicopathological findings in 67 patients. Salonen R. **Am J Med Genet** 1984 Aug; 18(4):671-89

Nonfamilial polycystic kidneys without enlargement. Lindqvist B, et al. **Nephron** 1985;39(2):134-40

Vascular architecture modifications in the steroid-induced polycystic kidney. Ros MA, et al. **Nephron** 1985; 40(3):332-40

Renal dysplasia: a review. Taxy JB. **Pathol Annu** 1985;20 Pt 2:139-59 (52 ref.)

Clinicopathologic spectrum of glomerulocystic kidneys: report of two cases and a brief review of literature. Joshi VV, et al. **Pediatr Pathol** 1984;2(2):171-86

Visceral anomalies in the Meckel syndrome. Rapola J, et al. **Teratology** 1985 Apr;31(2):193-201

[Connatal cystic kidneys] Schwesinger G, et al. **Padiatr Grenzgeb** 1985;24(3):221-7 (Eng. Abstr.) **(Ger)**

[Medullary cystic disease of the kidneys in an adult] Stavskaia VV, et al. **Klin Med (Mosk)** 1985 Jun;63(6):127-30 **(Rus)**

[Solitary multilocular renal cyst] Arias FG, et al. **An Esp Pediatr** 1984 Nov 15;21(7):701-5 **(Spa)**

[Multilocular renal cyst] Castejón Casado J, et al. **An Esp Pediatr** 1984 Nov 15;21(7):693-6 **(Spa)**

[Multilocular cyst of the kidney] González Espinosa C, et al. **An Esp Pediatr** 1984 Nov 30;21(8):782-4 **(Spa)**

[Multilocular cyst of the kidney with double ureter] Hernández N, et al. **An Esp Pediatr** 1984 Nov 15; 21(7):607-700 **(Spa)**

PHYSIOPATHOLOGY

Volume changes in polycystic kidneys during chronic dialysis and after renal transplantation. Thaysen JH, et al. **Acta Med Scand** 1985;217(2):197-204

Hypertension of polycystic kidney disease: mechanisms and hemodynamic alterations. Valvo E, et al. **Am J Nephrol** 1985;5(3):176-81

[Concentrating ability of the kidneys in patients with polycystic kidneys during a stage of normal values of glomerular filtration] Nádvorníková H, et al. **Vnitr Lek** 1985 Feb;31(2):105-12 (Eng. Abstr.) **(Cze)**

[Renal function studies in adult type polycystic kidney disease] Tago K. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1063-73 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Cystic renal involvement in tuberous sclerosis. Yu DT, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):36-9

Bilateral 'milk of calcium' renal cysts: CT findings. Yashiro N, et al. **J Comput Assist Tomogr** 1985 Jan-Feb; 9(1):199-200

[X-ray computed tomography in the diagnosis of non-advanced stages of renal polycystosis in adults] Lemaitre G, et al. **J Radiol** 1984 Oct;65(10):637-43 (Eng. Abstr.) **(Fre)**

[Interventional radiologic procedures in bilateral masses of the renal parenchyma] Mansfeld L, et al. **Radiol Diagn (Berl)** 1984;25(6):677-87 (Eng. Abstr.) **(Ger)**

SURGERY

[Transplantation of kidneys in patients with polycystic disease] Merta M, et al. **Cas Lek Cesk** 1985 Apr 26; 124(17):525-9 (Eng. Abstr.) **(Cze)**

THERAPY

Increased incidence of sensitization among patients with polycystic kidney disease following pretransplant blood transfusions. Fehrman I, et al. **Nephron** 1985;40(1):41-7

[Decompression punctures in cystic organic degeneration (liver, kidneys) under ultrasonic control] Brockmann WP, et al. **Digitale Bilddiagn** 1985 Jun;5(2):80-4 (Eng. Abstr.) **(Ger)**

URINE

Urinary lipid bodies in polycystic kidney disease. Duncan KA, et al. **Am J Kidney Dis** 1985 Jan;5(1):49-53

VETERINARY

Scanning and transmission electron microscopy of cysts in the renal cortex of the macaque monkey. Miyoshi M, et al. **Arch Histol Jpn** 1984 Aug;47(3):259-69

Polycystic kidneys in a pigeon. Van Alstine WG, et al. **Avian Dis** 1984 Jul-Sep;28(3):758-64

Polycystic kidneys in a ferret. Dillberger JE. **J Am Vet Med Assoc** 1985 Jan 1;186(1):74-5

Adult polycystic kidney disease in a rhesus monkey (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1984; 13(3):147-52

Polycystic kidney disease in goldfish (Carassius auratus) from Hamilton Harbour, Lake Ontario, Canada. Munkittrick KR, et al. **Vet Pathol** 1985 May;22(3):232-7

KIDNEY, SPONGE

COMPLICATIONS

Lactulose and severe lactic acidosis [letter] Mann NS, et al. **Ann Intern Med** 1985 Oct;103(4):637

Marfan syndrome and medullary sponge kidney: case report and speculation on pathogenesis. Schoeneman MJ, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):103-4

[Sponge kidney and urinary calculi] Bandhauer K, et al. **Ther Umsch** 1985 Feb;42(2):95-8 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

[Medullary sponge kidney. Diagnosis and course in 12 cases] Reutter F, et al. **Schweiz Med Wochenschr** 1985 Jan 26; 115(4):134-7 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Local medullary spongy kidney. Van Wijk JA, et al. **Arch Chir Neerl** 1967;19(3):197-206

PHYSIOPATHOLOGY

[Clinical studies on medullary sponge kidney] Miyauchi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr; 76(4):540-5 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Medullary sponge kidney in childhood. Patriquin HB, et al. **AJR** 1985 Aug;145(2):315-9

URINE

Renal tubular handling of potassium in patients with medullary sponge kidney. A model of renal papillectomy in humans. Green J, et al. **Arch Intern Med** 1984 Nov; 144(11):2201-4

KIDNEY TUBULAR NECROSIS, ACUTE see under **KIDNEY FAILURE, ACUTE**

KIDNEY TUBULAR TRANSPORT, INBORN ERRORS see **RENAL TUBULAR TRANSPORT, INBORN ERRORS**

KIDNEY TUBULES

Suspension of medullary thick ascending limb tubules from the rabbit kidney. Chamberlin ME, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F955-64

Transient acute tubular disease in a newborn and a young infant: sonographic findings. Filiatrault D, et al. **J Ultrasound Med** 1985 May;4(5):257-8

ANALYSIS

Glycosaminoglycan content of glomerular and tubular basement membranes of various mammalian species. Reubsaet FA, et al. **Biochim Biophys Acta** 1985 Jan 28; 838(1):144-50

S-100 alpha-like immunoreactivity in tubules of rat kidney. A clue to the function of a 'brain-specific' protein. Molin SO, et al. **J Histochem Cytochem** 1985 Apr;33(4):367-74

A method for in situ measurement of ionic concentration in picoliter samples of renal tubular fluid. Hansell P, et al. **Pflugers Arch** 1984 Aug;401(4):430-2

CYTOLOGY

Lectin-gold cytochemistry reveals intercalated cell heterogeneity along rat kidney collecting ducts. Brown D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C348-56

Comparison of isolated cells from liver, colon, and kidney of guinea pig. Burger HJ, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 1):C271-8

Differentiated lines of cells from rabbit renal medullary thick ascending limbs grown on amnion. Green N, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C97-104

Functional differentiation of cell types of cortical collecting duct. O'Neil RG, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F449-53

Defined human renal tubular epithelia in culture: growth, characterization, and hormonal response. Wilson PD, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F436-43

Structural adaptation to altered electrolyte metabolism by cortical distal segments. Kaissling B. **Fed Proc** 1985 Aug; 44(11):2710-6 (34 ref.)

Effects of glycoprotein and basement membrane synthesis inhibitors on the growth of cultured renal collecting duct epithelium. Minuth WW, et al. **Histochemistry** 1984; 80(5):475-82

Isolation, culture and characterization of human renal tubular cells. Trifillis AL, et al. **J Urol** 1985 Feb;133(2):324-9

Identification of mitochondria-rich cells in unstained vital preparations of epithelia by autofluorescence. Köhler M, et al. **Pflugers Arch** 1985 Jan;403(1):47-9

[Effect of adaptation to high-altitude conditions on the circadian rhythm of the epithelial mitotic activity in the convoluted kidney tubules in white rats] Sharipov FKh. **Biull Eksp Biol Med** 1985 Aug;100(8):245-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Tubular transport responses to angiotensin. Harris PJ, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F621-30 (84 ref.)

Structural adaptation of the distal convoluted tubule to prolonged furosemide treatment. Kaissling B, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F374-81

ATP and cAMP system in the in vitro response of microdissected cortical tubules to PTH. Kiebzak GM, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F152-9

Opposing effects of captopril and aprotinin on tubuloglomerular feedback responses. Schnermann J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F912-8

Tubular regeneration in rat kidney cortex during treatment with gentamicin at a low dose. Laurent G, et al. **Arch Toxicol [Suppl]** 1984;7:459-63

Effect of angiotensin II and captopril on renal tubular function in man. Düsing R, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):29-35

Promoting effect of nicotinamide on the development of renal tubular cell tumors in rats initiated with diethylnitrosamine. Rosenberg MR, et al. **Cancer Res** 1985 Feb;45(2):809-14

Urinary ligandin in renal tubular cell injury. Feinfeld DA, et al. **Contrib Nephrol** 1984;42:111-7

Is the potential nephrotoxicity of drugs predictable? Experiences with a volunteer model. Mondorf AW, et al. **Contrib Nephrol** 1984;42:93-9 (12 ref.)

Monitoring drug nephrotoxicity. Quantitative estimation of human kidney brush border antigens in urine as a specific marker of tubular damage. Scherberich JE, et al. **Contrib Nephrol** 1984;42:81-92 (24 ref.)

Delineation of the site of action of guanabenz in the renal tubule. Stein J, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S787-92

Pathogenesis of nephrogenic diabetes insipidus due to chronic administration of lithium in rats. Christensen S, et al. **J Clin Invest** 1985 Jun;75(6):1869-79

Interaction of forskolin with vasopressin-sensitive cyclic AMP system in renal medullary tubules. Murayama N, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1983-84; 9(6):427-33

Forskolin increases osmotic water permeability of rabbit cortical collecting tubule. Dillingham MA, et al. **J Membr Biol** 1984;80(3):243-8

Effects of antidiuretic hormone on cellular conductive pathways in mouse medullary thick ascending limbs of Henle: I. ADH increases transcellular conductance pathways. Hebert SC, et al. **J Membr Biol** 1984; 80(3):201-19

Effects of antidiuretic hormone on cellular conductive pathways in mouse medullary thick ascending limbs of Henle: II. determinants of the ADH-mediated increases in transepithelial voltage and in net Cl-absorption. Hebert SC, et al. **J Membr Biol** 1984;80(3):221-33

Sulfasalazine and renal tubular function: lack of an effect. Koutras A, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb; 4(1):103-6

Renal tubular action of prostaglandin E2 on water and electrolyte excretion in the nonanesthetized chicken. Besseghir K. **J Pharmacol Exp Ther** 1985 Jun;233(3):823-9

Mechanisms of the synergistic combination of metolazone and bumetanide. Brater DC, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):70-4

Effect of cisplatin on the transepithelial potential difference of rat distal tubule. Allen GG, et al. **Kidney Int** 1985 Jun; 27(6):842-7

Osmotic activity of dimethyl sulfoxide in the renal distal tubule. Ellison DH, et al. **Kidney Int** 1984 Oct;26(4):471-5

Sustained response to vasopressin in isolated rat cortical collecting tubule. Reif MC, et al. **Kidney Int** 1984 Nov; 26(5):725-32

Cyclosporin A-altered renal tubular cells in urinary cytology [letter] Winkelmann M, et al. **Lancet** 1985 Sep 21; 2(8456):667

Detection of renal tubular lesions after abdominal aortography and selective renal arteriography by quantitative measurements of brush-border enzymes in the urine. Hartmann HG, et al. **Nephron** 1985;39(2):95-101

Cis-platinum and distal renal tubule toxicity. Swainson CP, et al. **NZ Med J** 1985 May 22;98(779):375-8

Effect of demeclocycline on the renal tubule of patients with cirrhosis of the liver. Satta A, et al. **Panminerva Med** 1984 Oct-Dec;26(4):273-8

Lack of renal tubular and hemodynamic effects of non-selective and delta-opioid receptor antagonism. Barrett RJ, et al. **Pharmacol Res Commun** 1985 Jan; 17(1):49-61

Cisplatin-induced tubular injury studied by water-soluble synthetic polymers. Rypáček F, et al. **Physiol Bohemoslov** 1984;33(6):481-8

Tubular proteinuria during treatment with cyclosporin A--a case report. Svenson KL, et al. **Ups J Med Sci** 1985; 90(1):43-8

The effect of muzolimine on the tubuloglomerular feedback mechanism in the rat kidney. Davis JM, et al. **Z Kardiol** 1985;74 Suppl 2:161-5

Demonstration of action of muzolimine on the serosal side of Henle's loop cells. Faedda R, et al. **Z Kardiol** 1985;74 Suppl 2:166-70

[Nephrotoxicity of aminophenols. Effect of 4-dimethylaminophenol on isolated kidney tubules in the rat] Szinicz L. **Fortschr Med** 1984 Dec 20; 102(47-48):1206-8 (Eng. Abstr.) **(Ger)**

[Urinary enzyme excretion in cephalothin therapy in pregnancy] Balogh A, et al. **Zentralbl Gynakol** 1985; 107(2):90-7 (Eng. Abstr.) **(Ger)**

[Pharmacological mechanism of modern diuretics. Thiazide and loop diuretics] Ando R, et al. **Nippon Rinsho** 1984 Sep; 42(9):1987-93 **(Jpn)**

EMBRYOLOGY

Tubular gigantism of the kidney in a 41-mm, Streeter's 23rd horizon, human fetus with a comparative study of renal structures in normal human fetuses at a similar stage of development. Vinaixa F, et al. **Eur Urol** 1984;10(5):331-5

[Study of the development of human fetal kidney: relevance of tubular basement membrane to the formation and development of the nephron] Miyabe N, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1949-55 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Micromethodology for measuring ATPase activity in renal tubules: mineralocorticoid influence. O'Neil RG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C314-20

Na-K-ATPase in isolated rabbit tubules after unilateral nephrectomy and Na+ loading. Scherzer P, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F565-73

The vasopressin-sensitive adenylate cyclase in collecting tubules and in thick ascending limb of Henle's loop of human and canine kidney. Ruggles BT, et al. **J Clin Endocrinol Metab** 1985 May;60(5):914-21

Purification of mouse brain (Na+ + K+)-ATPase catalytic unit, characterization of antiserum, and immunocytochemical localization in cerebellum, choroid plexus, and kidney. Siegel GJ, et al. **J Histochem Cytochem** 1984 Dec;32(12):1309-18

Immunocytochemical localization of cathepsin D in lysosomes of cortical collecting tubule cells of the rat kidney. Yokota S, et al. **J Histochem Cytochem** 1985 Mar; 33(3):191-200

Relationship between adrenal steroids and renal Na-K-ATPase. Effect of short-term hormone administration on the rat cortical collecting tubule. Mujais SK, et al. **Pflugers Arch** 1984 Sep;402(1):48-51

GROWTH & DEVELOPMENT

Chemical composition and solubility of human glomerular and tubular basement membranes of adult and senescent men. Langeveld JP, et al. **Int J Biochem** 1984; 16(12):1255-64

IMMUNOLOGY

The autoimmune response in active Heymann's nephritis in Lewis rats is regulated by T-lymphocyte subsets. de Heer E, et al. **Cell Immunol** 1985 May;92(2):254-64

Isolation and characterization of the nephritogenic antigen producing anti-tubular basement membrane disease. Clayman MD, et al. **J Exp Med** 1985 Feb 1;161(2):290-305

Murine interstitial nephritis. III. The selection of phenotypic (Lyt and L3T4) and idiotypic (RE-Id) T cell preferences by genes in Igh-1 and H-2K characterizes the cell-mediated potential for disease expression: susceptible mice provide a unique effector T cell repertoire in response to tubular antigen. Neilson EG, et al. **J Immunol** 1985 Apr; 134(4):2375-82

Antibodies reacting with brush borders of rat kidney tubules in sera from children with chronic hepatitis and chronic glomerulonephritis. Slusarczyk J, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):15-7

Auto-antibody to kidney tubular cells during retrograde chronic pyelonephritis in rats. Feye GL, et al. **Nephron** 1985;39(4):371-6

Phagocytosis of E. coli by renal tubular epithelia. Shimamura T, et al. **Yale J Biol Med** 1984 Nov-Dec;57(6):817-24

INJURIES

Could the enzymuria of long distance runners suggest renal tubular injury? [letter] de Paoli Vitali E, et al. **Clin Nephrol** 1985 Jan;23(1):52-3

[Kidney tubular injury in the use of sodium aurothiomalate and its detection by determination of urinary beta-2-microglobulin] Ulreich A, et al. **Wien Klin Wochenschr [Suppl]** 1984;156:56-7 **(Ger)**

INNERVATION

Electron-microscopic study of innervation of smooth muscle cells surrounding collecting tubules of the fish kidney. Tsuneki K, et al. **Cell Tissue Res** 1984;238(2):307-12

Electron microscopic study of the innervation of the renal tubules and urinary bladder epithelium in Rana catesbeiana and Necturus maculosus. Tsuneki K, et al. **J Morphol** 1984 Aug;181(2):143-53

METABOLISM

Angiotensin II natriuresis and antinatriuresis: role of renal artery pressure, renal hemodynamics, and tubular reabsorption. Olsen ME, et al. **Acta Med Scand [Suppl]** 1985;693:81-8

Dependency of renal potassium excretion on Na,K-ATPase transport rate. Sejersted OM, et al. **Acta Physiol Scand** 1985 Jan;123(1):9-19

ATP as a factor in the response of the cAMP system to PTH in proximal and distal convoluted tubules. Dousa TP, et al. **Adv Exp Med Biol** 1984;178:139-44

Biochemical studies of the control of renal tubular phosphate reabsorption. Grahn MF, et al. **Adv Exp Med Biol** 1984; 178:41-8

Diuretics and calcium metabolism. Sutton RA. **Am J Kidney Dis** 1985 Jan;5(1):4-9 (55 ref.)

Lack of potassium effect on Na-Cl cotransport in the medullary thick ascending limb. Alvo M, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F34-9

Water and electrolyte transport in Henle's loop and distal tubule after renal sympathectomy in the rat. Bencsáth P, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F308-14

PGE2, forskolin, and cholera toxin interactions in modulating NaCl transport in mouse mTALH. Culpepper RM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F784-92

NH4Cl inhibition of transport in the rabbit cortical collecting tubule. Hamm LL, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F631-7

Synthetic atrial natriuretic factor decreases renal tubular phosphate reabsorption in rats. Hammond TG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F315-8

Tubular capacity for phosphate reabsorption in superficial and deep nephrons. Haramati A. **Am J Physiol** 1985 May; 248(5 Pt 2):F729-33

Mechanism of ammonia secretion by cortical collecting ducts of rabbits. Knepper MA, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 2):F729-38

Effect of potassium depletion on chloride transport in the loop of Henle in the rat. Luke RG, et al. **Am J Physiol** 1985 May;248(5 Pt 2):F682-7

1,25(OH)2D3 binding along the rat nephron: autoradiographic study in isolated tubular segments. Manillier C, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F296-307

Hydrogen transport in papillary collecting duct of rabbit kidney. Prigent A, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C241-6

Rat renal peritubular transport and metabolism of plasma [35S]glutathione. Rankin BB, et al. **Am J Physiol** 1985 Aug; 249(2 Pt 2):F198-204

Effect of magnesium loading on magnesium delivery to the juxtamedullary end-descending limb. Roy DR. **Am J Physiol** 1985 Jan;248(1 Pt 2):F145-51

Synthesis of prostaglandin E2 in different segments of isolated collecting tubules from adult and neonatal rabbits. Schlondorff D, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F134-44

Electrochemical profile of K+ and Na+ in the amphibian early distal tubule. Teulon J, et al. **Am J Physiol** 1985 Feb; 248(2 Pt 2):F266-71

Cellular heterogeneity of uridine incorporation in collecting tubules: effect of DOCA. Vandewalle A, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F552-64

Mutual dependence of sodium and chloride absorption by renal distal tubule. Velázquez H, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F904-11

Heterogeneous distribution of glycoconjugates in human kidney tubules. Hennigar RA, et al. **Anat Rec** 1985 Apr; 211(4):376-90

Renal disposition of gentamicin, dibekacin, tobramycin, netilmicin, and amikacin in humans. Contrepois A, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):520-4

Renal tubular handling of potassium in patients with medullary sponge kidney. A model of renal papillectomy in humans. Green J, et al. **Arch Intern Med** 1984 Nov; 144(11):2201-4

Hypouricemia due to renal tubular defect. A study with the probenecid-pyrazinamide test. Smetana SS, et al. **Arch Intern Med** 1985 Jul;145(7):1200-3

Atrial natriuretic factor increases cyclic GMP and inhibits cyclic AMP in rat renal papillary collecting tubule cells in culture. Ishikawa S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1147-53

Sulfation in isolated kidney tubule fragments of rats. Dependence on inorganic sulfate. Chen QY, et al. **Biochem Pharmacol** 1985 May 1;34(9):1363-6

Effect of phosphodiesterase inhibitors on bradykinin-mediated prostaglandin E2 and cyclic AMP synthesis in renal papillary collecting tubule cells. Spry LA, et al. **Biochem Pharmacol** 1985 May 1;34(9):1565-9

The effect of streptozotocin diabetes on insulin binding by isolated rat kidney tubules. Thomas JH, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):240-6

Phospholipid metabolism in rat kidney cortical tubules. I. Effect of renal substrates. Wirthensohn G, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):392-400

Phospholipid metabolism in rat kidney cortical tubules. II. Effects of hormones on 32P incorporation. Wirthensohn G, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):401-10

The role of alpha-adrenoceptors in the regulation of renal tubular sodium reabsorption and renin secretion in the rabbit. Hesse IF, et al. **Br J Pharmacol** 1985 Mar; 84(3):715-24

Dopamine production by isolated glomeruli and tubules from rat kidneys. Baines AD, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):155-8

Biological activity of a synthetic alpha-human atrial natriuretic polypeptide in anesthetized dogs. Yukimura T, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1723-6

Transport of adenosine by kidney brush border vesicles. Le Hir M, et al. **Contrib Nephrol** 1984;41:417-9

Kinetics of renal aspartate reabsorption and its inhibition by metals in the intact rat kidney. Linder G, et al. **Environ Res** 1985 Feb;36(1):241-7

Reduced tubular reabsorption of phosphate during post-operative glucose infusions in humans. Rasmussen A, et al. **Eur J Clin Invest** 1985 Jun;15(3):157-60

Effect of steviol and its structural analogues on glucose production and oxygen uptake in rat renal tubules. Yamamoto NS, et al. **Experientia** 1985 Jan 15;41(1):55-7

Impaired renal tubular reabsorption of magnesium (TRMg) in Ca-containing kidney stone formers. Revúsová V, et al. **Int Urol Nephrol** 1984;16(3):237-42

23Na NMR studies of rat outer medullary kidney tubules. Rayson BM, et al. **J Biol Chem** 1985 Jun 25;260(12):7276-80

The natural history of salt-wasting disorders of adrenal and renal origin. Rösler A. **J Clin Endocrinol Metab** 1984 Oct; 59(4):689-700

Transport of ammonia in the rabbit cortical collecting tubule. Hamm LL, et al. **J Clin Invest** 1985 Feb;75(2):478-85

An in vivo microperfusion study of distal tubule bicarbonate reabsorption in normal and ammonium chloride rats. Levine DZ. **J Clin Invest** 1985 Feb;75(2):588-95

Carbon dioxide causes exocytosis of vesicles containing H+ pumps in isolated perfused proximal and collecting tubules. Schwartz GJ, et al. **J Clin Invest** 1985 May;75(5):1638-44

Control of sodium and potassium transport in the cortical collecting duct of the rat. Effects of bradykinin, vasopressin, and deoxycorticosterone. Tomita K, et al. **J Clin Invest** 1985 Jul;76(1):132-6

Increased ammoniagenesis and the renal tubular effects of potassium depletion. O'Reilly DS. **J Clin Pathol** 1984 Dec; 37(12):1358-62

Relationship between cell volume and ion transport in the early distal tubule of the Amphiuma kidney. Guggino WB, et al. **J Gen Physiol** 1985 Jul;86(1):31-58

Proximal tubule hydrogen ion transport processes in diuretic-induced metabolic alkalosis. Blumenthal SS, et al. **J Lab Clin Med** 1985 Jul;106(1):17-22

Dose- and time-dependent kinetics of the renal excretion of nitrofurantoin in the rabbit. Watari N, et al. **J Pharm Sci** 1985 Feb;74(2):165-70

Arachidonic acid metabolism in a cell suspension isolated from rabbit renal outer medulla. Ferreri NR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):441-8

Inhibitory effect of acetazolamide on renal tubular reabsorption of NaHCO3 and NaCl in dogs varies inversely with plasma pH. Langberg H, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):747-53

Renal tubular excretory transport of oxalate in the chicken. Tremaine LM, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):7-11

Renal tubular absorption of beta 2 microglobulin. Gauthier C, et al. **Kidney Int** 1984 Aug;26(2):170-5

The cyclic AMP system in the inner medullary collecting duct of the potassium-depleted rat. Kim JK, et al. **Kidney Int** 1984 Oct;26(4):384-91

H+ transport by the aldosterone-deficient rat distal nephron. Kornandakieti C, et al. **Kidney Int** 1984 Apr;25(4):629-35

Renal tubular biochemistry during acute and chronic metabolic alkalosis in the dog. Lemieux G, et al. **Kidney Int** 1985 Jun;27(6):908-18

Effect of acute potassium load on reabsorption in Henle's loop in chronic renal failure in the rat. Milanes CL, et al. **Kidney Int** 1985 Jun;27(6):919-27

Actions and metabolism of histamine in glomeruli and tubules of the human kidney. Sedor JR, et al. **Kidney Int** 1984 Aug;26(2):144-52

Cortical collecting tubule potassium secretion: effect of amiloride, ouabain, and luminal sodium concentration. Wingo CS. **Kidney Int** 1985 Jun;27(6):886-91

Urinary loss of glucose, phosphate, and protein by diffusion into proximal straight tubules injured by D-serine and maleic acid. Carone FA, et al. **Lab Invest** 1985 Jun; 52(6):605-10

Clinical syndromes associated with disorders of renal tubular chloride transport: excess and deficiency of a circulating factor? Padfield PL, et al. **Med Hypotheses** 1984 Aug; 14(4):387-400

Relationship of renal prostaglandins to distal transport of sodium chloride in normokalemic and hypokalemic man. Favre L, et al. **Miner Electrolyte Metab** 1985;11(3):186-91

Normocalcemic primary hyperparathyroidism: resistance to PTH effect on tubular reabsorption of calcium. Gardin JP, et al. **Miner Electrolyte Metab** 1984;10(5):301-8

Microinjection study of renal calcium absorption in the phosphate-depleted rat. Guruprakash GH, et al. **Miner Electrolyte Metab** 1985;11(4):262-6

Inhibition of alpha 2-adrenergic agonists on AVP-induced cAMP accumulation in isolated collecting tubule of the rat kidney. Chabardès D, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):263-75

Bartter's syndrome due to a defect in salt reabsorption in the distal convoluted tubule. Uribarri J, et al. **Nephron** 1985; 40(1):52-6

Stimulation by glucagon and PTH of Ca and Mg reabsorption in the superficial distal tubule of the rat kidney. Bailly C, et al. **Pflugers Arch** 1985 Jan;403(1):28-34

Stimulation of tubular reabsorption of magnesium and calcium by antidiuretic hormone in conscious rats. Study in Brattleboro rats with hereditary hypothalamic diabetes insipidus. Bouby N, et al. **Pflugers Arch** 1984 Dec; 402(4):458-64

Dependence of renal protein reabsorption on glomerular filtration rate and infusion time. Cojocel C, et al. **Pflugers Arch** 1984 Sep;402(1):34-8

Reabsorption of inorganic sulfate in the rat kidney: evidence for an adaptive depression of TmSO4 during SO4 loading. Frick A, et al. **Pflugers Arch** 1984 Dec;402(4):433-8

Effects of SITS on urate transport by isolated, perfused snake renal tubules. Mukherjee SK, et al. **Pflugers Arch** 1985 Jan; 403(1):35-40

Substrate utilization in the isolated perfused cortical thick ascending limb of rabbit nephron. Wittner M, et al. **Pflugers Arch** 1984 Sep;402(1):52-62

Captopril inhibits sodium and water transport in the toad skin, a model of the distal nephron. Orce GG, et al. **Pharmacol Res Commun** 1985 Jan;17(1):33-47

Ion transport mechanisms in thick ascending limb of Henle's loop of mammalian nephron. Greger R. **Physiol Rev** 1985 Jul;65(3):760-97 (167 ref.)

Distal tubular sodium and water resorption in man. Bartoli E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:738-42

Urea reabsorption along the papillary collecting duct in potassium-deficient rats. Webster SK, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):96-100

Perinatal development of tubular function in the pig. Alt JM, et al. **Q J Exp Physiol** 1984 Oct;69(4):693-702

Renal albumin reabsorption in normal and sodium maleate-treated rats. Cho J, et al. **Renal Physiol** 1985; 8(1):8-18

Effects of phosphate and calcium infusion on renal phosphate transport in the dog. Wong NL, et al. **Renal Physiol** 1985; 8(1):30-7

Mineralocorticoid regulation of sodium and potassium transport by the cortical collecting duct. Koeppen BM, et al. **Soc Gen Physiol Ser** 1985;39:89-104

Binding of antihuman globulin by exfoliated renal tubular cells following kidney transplantation. Simpson M, et al. **Transplantation** 1985 Apr;39(4):400-5

Aspects on tubular proteinuria. Wibell L. **Ups J Med Sci** 1985;90(1):5-14 (20 ref.)

[Tubular hypercalciuria] Meyrier A, et al. **Nephrologie** 1984; 5(5):208-12 **(Fre)**

[Regulation of the renal excretion of phosphates. Use of isolated vesicles of luminal membranes for the study of phosphate transport] Angielski S. **Postepy Biochem** 1984; 30(3-4):273-94 (95 ref.) **(Pol)**

[Use of isolated kidney tubules in metabolic studies] Michalik M. **Postepy Biochem** 1984;30(3-4):295-316 (191 ref.) **(Pol)**

[Specific aldosterone reception by the cytoplasm of the kidney tubule cells in rats with neurogenic dystrophy] Rodionov AA, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):918-22 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Hyponatremia due to cerebral salt-wasting syndrome. Combined cerebral and distal tubular lesion. Al-Mufti H, et al. **Am J Med** 1984 Oct;77(4):740-6

Acute oxalate nephropathy after massive ascorbic acid administration. Lawton JM, et al. **Arch Intern Med** 1985 May;145(5):950-1

The significance of focal segmental glomerulosclerosis in oligomeganephronia. McGraw M, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):67-72

Papillary stones: calcified renal tubules in Randall's plaques. Cifuentes Delatte L, et al. **J Urol** 1985 Mar;133(3):490-4

Reversible changes of tubular cell and basement membrane in drug-induced renal cystic disease. Kanwar YS, et al. **Kidney Int** 1984 Jul;26(1):35-43

Are urinary enzymes useful markers of kidney damage in obstructive jaundice? An experimental study on Sprague-Dawley rats. Amodio P, et al. **Nephron** 1985; 39(4):377-81

Infiltrating renal collecting duct carcinoma associated with epithelial dysplasia of the renal pelvis. Nørgaard T, et al. **Scand J Urol Nephrol** 1985;19(1):69-70

Monitoring the renal allograft by immunofluorescence of tubular epithelial cells in the urine sediment. Madras PN, et al. **Transplant Proc** 1984 Dec;16(6):1583-5

[Correspondence of functional and structural findings in tubulo-interstitial disorders in chronic glomerulonephritis] Ratner M, et al. **Z Urol Nephrol** 1984 Dec;77(12):711-20 (Eng. Abstr.) **(Ger)**

[Renal pathology in fulminant hepatitis: multinucleated giant cells in the renal tubules] Yokoyama H, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1479-85 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Site and magnitude of the tubular inhibitory effect of expanding the extracellular volume in dogs. Langberg H, et al. **Acta Physiol Scand** 1984 Nov;122(3):285-98

Tubuloglomerular feedback in hypertensive rats of the Milan strain. Persson AE, et al. **Acta Physiol Scand** 1985 Feb; 123(2):139-46

Evidence of defective tubuloglomerular feedback control in rats of the Milan hypertensive strain (MHS). Persson AE, et al. **Acta Physiol Scand** 1984 Oct;122(2):217-9

The influence of tubulo-glomerular feedback on the autoregulation of filtration rate in superficial and deep glomeruli. Sjöquist M, et al. **Acta Physiol Scand** 1984 Nov; 122(3):235-42

Renal lithium clearance as a measure of the delivery of water and sodium from the proximal tubule in humans. Thomsen K, et al. **Am J Med Sci** 1984 Nov;288(4):158-61

Tubuloglomerular feedback activity in virgin and 12-day-pregnant rats. Baylis C, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F169-73

Tubuloglomerular feedback-mediated decreases in glomerular pressure in Munich-Wistar rats. Bell PD, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F877-80

Quantitative characterization of the tubuloglomerular feedback response: effect of growth. Briggs JP, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F808-15

Localization of diuretic action in microperfused rat distal tubules: Ca and Na transport. Costanzo LS. **Am J Physiol** 1985 Apr;248(4 Pt 2):F527-35

Kinin effects on electrogenic ion transport in primary cultures of pig renal papillary collecting tubule cells. Cuthbert AW, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F439-47

Conductive properties of the rabbit outer medullary collecting duct: inner stripe. Koeppen BM. **Am J Physiol** 1985 Apr;248(4 Pt 2):F500-6

Feedback pressure-flow responses in normal and angiotensin-prostaglandin-blocked rats. Persson AE, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F925-31

Effect of ouabain on K secretion in cortical collecting tubules from adrenalectomized rabbits. Wingo CS. **Am J Physiol** 1984 Oct;247(4 Pt 2):F588-95

Role of adrenal hormones in regulating distal nephron structure and ion transport. Stanton BA. **Fed Proc** 1985 Aug;44(11):2717-22 (29 ref.)

Role of the macula densa in renin release. Itoh S, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):149-54

Electrophysiological properties of cellular and paracellular conductive pathways of the rabbit cortical collecting duct. O'Neil RG, et al. **J Membr Biol** 1984;82(3):281-95

Origin of positive transepithelial potential difference in early distal segments of rat kidney. Allen GG, et al. **Kidney Int** 1985 Apr;27(4):622-9

Role of aldosterone in the mechanism of potassium adaptation in the initial collecting tubule. Hirsch D, et al. **Kidney Int** 1984 Dec;26(6):798-807

Effect of furosemide administration on glomerular and tubular dynamics in the rat. Tucker BJ, et al. **Kidney Int** 1984 Aug;26(2):112-21

Modulation of vasopressin-induced water permeability of the cortical collecting tubule by endogenous and exogenous prostaglandins. Stokes JB 3d. **Miner Electrolyte Metab** 1985;11(4):240-8

Functional heterogeneity of the descending limbs of Henle's loop. I. Internephron heterogeneity in the hamster kidney. Imai M, et al. **Pflugers Arch** 1984 Dec;402(4):385-92

Functional heterogeneity of the descending limbs of Henle's loop. II. Interspecies differences among rabbits, rats, and hamsters. Imai M. **Pflugers Arch** 1984 Dec;402(4):393-401

Mechanism of hydrogen ion transport in the diluting segment of frog kidney. Oberleithner H, et al. **Pflugers Arch** 1984 Nov;402(3):272-80

Effect of loop of Henle flow rate on glomerular capillary pressure. Briggs JP. **Renal Physiol** 1984;7(5):311-20

[A new method for the determination of the maximal tubular transport of p-aminohippuric acid without urine analysis in children with transplanted kidney] Devaux S, et al. **Z Urol Nephrol** 1984 Nov;77(11):639-46 (Eng. Abstr.) **(Ger)**

[Intraoperative renal function and urinary beta 2-microglobulin and enzymes] Takehara Y, et al. **Masui** 1984 Sep;33(9):975-9 (Eng. Abstr.) **(Jpn)**

[Concentration of urine: in search of a model] Sadowski J, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):117-21 (15 ref.) **(Pol)**

PHYSIOPATHOLOGY

Acute tubular dysfunction in infants with obstructive uropathy. v.d. Heijden AJ, et al. **Acta Paediatr Scand** 1985 Jul;74(4):589-94

Natural history of hypertension in renal parenchymal disease. Blythe WB. **Am J Kidney Dis** 1985 Apr;5(4):A50-6 (50 ref.)

Tubuloglomerular feedback after nephron or ureteral obstruction. Tanner GA. **Am J Physiol** 1985 May;248(5 Pt 2):F688-97

Acute renal failure following massive mannitol infusion. Appropriate response of tubuloglomerular feedback? Goldwasser P, et al. **Arch Intern Med** 1984 Nov; 144(11):2214-6

1,25-Dihydroxyvitamin D production after stimulation with synthetic human parathyroid hormone (1-34) in hypoparathyroid and renal tubular disorders. Yasuda T, et al. **Endocrinol Jpn** 1984 Aug;31(4):407-15

Distal renal tubular dysfunction: a common feature in calcium stone formers. Megevand M, et al. **Eur J Clin Invest** 1984 Dec;14(6):456-61

Renal tubular damage depresses renal uric acid excretion in primary biliary cirrhosis [letter] Parés A, et al. **Hepatology** 1984 Nov-Dec;4(6):1265-6

Tubular dysfunction in the deeply jaundiced patient with hepatorenal syndrome. Rector WG Jr, et al. **Hepatolog** 1985 Mar-Apr;5(2):321-6

A suggestion on how to use measurements of cadmium i blood as a cumulative dose estimate. Rogenfelt A, et al **Int Arch Occup Environ Health** 1984;55(1):43-8

Pathophysiology of primary distal renal tubular acidos Rodriguez-Soriano J, et al. **Int J Pediatr Nephrol** 198 Jan-Mar;6(1):71-8

Hydraulic water permeability and transepithelial voltage i the isolated perfused rabbit cortical collecting tubu following acute unilateral ureteral obstruction. Campbe HT, et al. **J Clin Invest** 1985 Jan;75(1):219-25

Hereditary renal hypouricemia in children. Takeda E, et **J Pediatr** 1985 Jul;107(1):71-4

Tubuloglomerular feedback and interstitial pressure obstructive nephropathy. Wahlberg J, et al. **Kidney Int** 19 Sep;26(3):294-301

Renal function six years after covert bacteriuria in schoolgi [letter] Jones KV, et al. **Lancet** 1984 Oct 27;2(8409):9

Tubular dysfunctions in the diagnostic differentiation glomerulonephritis, pyelonephritis, and diabetic nephropathy. Dutz W Jr, et al. **Nephron** 1985;39(2):77

Tubular functions in lupus nephropathy [letter] Feng P **Nephron** 1985;40(1):126

Tubular proteinuria in children without other defects of re function. Geary DF, et al. **Nephron** 1985;40(3):329-31

Tubular function disturbances in chronic glomerulonephritis and their significance for identifying tubulointerstitial lesions. Ratner M, et al. **Nephron** 1985;39(2):117-21

Renal calcium conservation in recurrent stone-formers with idiopathic hypercalciuria. Goulding A, et al. **NZ Med J** 1985 Feb 13;98(772):50-2

Mechanism of action of indomethacin in tubular defects. Usberti M, et al. **Pediatrics** 1985 Mar;75(3):501-7

Tubular function and renal selectivity towards glycosyl-albumin in diabetic hyperosmolar states. Delfino G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:875-80

Reversible tubular dysfunction in alcohol abuse. De Marchi S, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:866-74

alpha 1-Microglobulin determination in urine for the early detection of renal tubular dysfunctions caused by exposure to cadmium. Kido T, et al. **Toxicol Lett** 1985 Feb-Mar; 24(2-3):195-201

Tubular proteinuria in renal calcium stone formers. Wikström B, et al. **Ups J Med Sci** 1985;90(1):25-30

[Renal tubular function changes in lupus nephritis] Wang YX, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):344-7, 381 (Eng. Abstr.) **(Chi)**

[Hypophosphatemic rickets in premature infants independent of vitamin D] Boissinot C, et al. **Arch Fr Pediatr** 1984 Oct; 41(8):557-9 (Eng. Abstr.) **(Fre)**

[Tubular dysfunction in renal lithiasis: cause or consequence?] Jaeger P, et al. **Schweiz Med Wochenschr** 1985 Feb 2; 115(5):160-2 (Eng. Abstr.) **(Fre)**

[A case of Bartter's syndrome--special reference to tubular function, the prostaglandin and the kallikrein-kinin system in the kidney] Ishiyama N, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):113-21 (Eng. Abstr.) **(Jpn)**

[Enzyme activity and tubular dysfunction in patients with latent glomerulonephritis] Ospanova TS. **Vrach Delo** 1985 Feb;(2):45-8 **(Rus)**

RADIATION EFFECTS

Renal toxicity in uranium mill workers. Thun MJ, et al. **Scand J Work Environ Health** 1985 Apr;11(2):83-90

RADIONUCLIDE IMAGING

[Age and sex dependence of tubular kidney clearance in childhood] Lauer O, et al. **Fortschr Med** 1984 Oct 25; 102(40):1013-6 (Eng. Abstr.) **(Ger)**

SECRETION

Deoxycorticosterone-stimulated bicarbonate secretion in rabbit cortical collecting ducts: effects of luminal chloride removal and in vivo acid loading. Garcia-Austt J, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F205-12

Analysis of multiple indicator dilution curves for estimation of renal tubular transport parameters. Sawada Y, et al. **Comput Methods Programs Biomed** 1985 May;20(1):51-61

Relationship of urinary and blood carbon dioxide tension during hypercapnia in the rat. Its significance in the evaluation of collecting duct hydrogen ion secretion. Batlle DC, et al. **J Clin Invest** 1985 May;75(5):1517-30

Differential acute effects of aldosterone, dexamethasone, and hyperkalemia on distal tubular potassium secretion in the rat kidney. Field MJ, et al. **J Clin Invest** 1984 Nov; 74(5):1792-802

Cyclic adenosine monophosphate-stimulated bicarbonate secretion in rabbit cortical collecting tubules. Schuster VL. **J Clin Invest** 1985 Jun;75(6):2056-64

[Secretion of organic acids and bases by the kidneys of marine teleosts] Lavrova EA, et al. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):89-94 (Eng. Abstr.) **(Rus)**

SURGERY

Parenchymal operations of the lower pole of the kidney with a double collecting system. Götz F, et al. **Acta Chir Hung** 1985;26(3):127-33

ULTRASTRUCTURE

Ultrastructure of the thick ascending limb of Henle in the rat kidney. Kone BC, et al. **Am J Anat** 1984 Oct; 171(2):217-26

Ultrastructure of rat initial collecting tubule. Effect of adrenal corticosteroid treatment. Stanton B, et al. **J Clin Invest** 1985 Apr;75(4):1327-34

Structural adaptation in initial collecting tubule following reduction in renal mass. Zalups RK, et al. **Kidney Int** 1985 Apr;27(4):636-42

Ultrastructural markers of tubular transport in experimental diabetes insipidus. Cieciura L, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:732-7

The isolated, collapsed cortical collecting tubule viewed as a basolateral membrane preparation. Stoner LC, et al. **Prog Clin Biol Res** 1984;164:423-9

Cilia in the human kidney. Katz SM, et al. **Ultrastruct Pathol** 1984;6(4):285-94

Hypertrophy of actin bundles in tubular cells in acute renal failure. Olsen TS, et al. **Ultrastruct Pathol** 1984;7(4):241-50

Tubular ultrastructure in acute renal failure in man: epithelial necrosis and regeneration. Olsen TS, et al. **Virchows Arch** [A] 1985;406(1):75-89

Tubular ultrastructure in acute renal failure: alterations of cellular surfaces (brush-border and basolateral infoldings). Olsen TS, et al. **Virchows Arch** [A] 1985;406(1):91-104

[Urinary myelin bodies and the nephrotoxicity of aminoglycosides] Coulon G, et al. **Nephrologie** 1984; 5(3):107-14 (Eng. Abstr.) **(Fre)**

[Adaptation of distal tubular segments to changes in electrolyte metabolism] Kaissling B, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:185-91 **(Ger)**

[Acute renal insufficiency in multiple myeloma. Ultrastructural study of multinuclear giant cells] Palazzi P, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):267-76 (Eng. Abstr.) **(Ita)**

[An experimental pathological study on the ischemic kidney induced in rabbits by constriction of the homolateral renal artery] Ishimura E. **Nippon Jinzo Gakkai Shi** 1985 Apr; 27(4):419-38 (Eng. Abstr.) **(Jpn)**

[A morphopathological study of the kidney in chronic glomerulonephritis. III. Changes in the distal parts of the urinary tubules] Ueda M. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1439-52 (Eng. Abstr.) **(Jpn)**

[Reception of aldosterone by the rat kidney in its compensatory hypertrophy] Akimov IuA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):74-6 (Eng. Abstr.) **(Rus)**

KIDNEY TUBULES, COLLECTING see under **KIDNEY TUBULES**

KIDNEY TUBULES, DISTAL see under **KIDNEY TUBULES**

KIDNEY TUBULES, PROXIMAL

Differentiated properties characteristic of renal proximal epithelium in a cell line derived from a normal monkey kidney (JTC-12). Takuwa Y, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):445-9

ANALYSIS

Demonstration of proximal tubular alpha-adrenoceptors in vivo. Woodcock EA, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):399-402

CYTOLOGY

Isolation of cells from rabbit renal proximal tubules by using a hyperosmolar intracellular-like solution. Nagineni CN, et al. **Biochem J** 1984 Oct 15;223(2):353-8

Active sodium transport in basolateral plasma membrane vesicles from rat kidney proximal tubular cells. Marin R, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):363-73

BSC-1 growth inhibitor transforms a mitogenic stimulus into a hypertrophic stimulus for renal proximal tubular cells: relationship to Na+/H+ antiport activity. Fine LG, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6163-6

DRUG EFFECTS

Amiloride inhibition of proximal tubular acidification. Howlin KJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F773-8

ATP and cAMP system in the in vitro response of microdissected cortical tubules to PTH. Kiebzak GM, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F152-9

The lysosomal toxicity of aminoglycosides: a morphometric approach. Morin JP, et al. **Int J Tissue React** 1984; 6(5):427-35

Administration of atrial natriuretic factor inhibits sodium-coupled transport in proximal tubules. Hammond TG, et al. **J Clin Invest** 1985 Jun;75(6):1983-9

Effects of aminoglycosides on proximal tubule brush border membrane phosphatidylinositol-specific phospholipase C. Schwertz DW, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):48-55

Prostaglandin E2 and parathyroid hormone: comparisons of their actions on the rabbit proximal tubule. Dominguez JH, et al. **Kidney Int** 1984 Oct;26(4):404-10

Effect of gentamicin on isolated glomeruli and proximal tubules of the rabbit. Savin V, et al. **Lab Invest** 1985 Jan; 52(1):93-102

Effect of urinary alkalinization on renal changes produced by cationic albumin. Coimbra TM, et al. **Nephron** 1984; 38(4):261-6

Lysosomal modifications in human proximal tubule induced by aminoglycoside treatment: visualisation by light microscopical cytochemistry. Roels F, et al. **Pathol Res Pract** 1984 Nov;179(2):230-4

The effect of phenylalanine on the electrical properties of proximal tubule cells in the frog kidney. Messner G, et al. **Pflugers Arch** 1985 May;404(2):138-44

The effect of phenylalanine on intracellular pH and sodium activity in proximal convoluted tubule cells of the frog kidney. Messner G, et al. **Pflugers Arch** 1985 May; 404(2):145-9

Contraluminal sulfate transport in the proximal tubule of the rat kidney. I. Kinetics, effects of K+, Na+, Ca2+, H+, and anions. Ullrich KJ, et al. **Pflugers Arch** 1984 Nov; 402(3):264-71

Inhibition of protein reabsorption in the renal proximal tubule by basic amino acids. Ottosen PD, et al. **Renal Physiol** 1985; 8(2):90-9

The selective action of nickel on tubule function in rabbit kidneys. Foulkes EC, et al. **Toxicology** 1984 Dec; 33(3-4):245-9

[Effect of functional loading on the operation of the active transport system for organic acids in the proximal kidney tubules of rats after unilateral nephrectomy and in the early postnatal period] Rebane EN, et al. **Tsitologiia** 1984 Oct; 26(10):1199-203 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Evidence for mitochondrial origin of the HCO3(-)-ATPase in brush border membranes of rat proximal tubules. Knauf H, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F389-95

Bovine renal mitochondrial vitamin D3 hydroxylases: regulation of in vitro activities by inhibitors and antioxidants. Crivello JF. **Endocrinology** 1985 Aug; 117(2):447-56

Carbonic anhydrase independent bicarbonate reabsorption in rats with chronic papillary necrosis. Cruz-Soto M, et al. **Miner Electrolyte Metab** 1984;10(5):319-25

Short term effect of low doses of tri-iodothyronine on proximal tubular membrane Na-K-ATPase and potassium permeability in thyroidectomized rats. Capasso G, et al. **Pflugers Arch** 1985 Jan;403(1):90-6

[Demonstration of exogenous horseradish peroxidase in the main part of male and female rat kidney] Falk N. **Z Mikrosk Anat Forsch** 1984;98(3):451-64 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

Renotropic stimulation of DNA synthesis of proximal tubules and endothelial cells in the outer medulla. Nomura K, et al. **Nephron** 1985;39(3):255-60

Stimulation of Na+/H+ antiport is an early event in hypertrophy of renal proximal tubular cells. Fine LG, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1736-40

IMMUNOLOGY

In vivo localization of C3 on the brush border of proximal tubules of kidneys from nephrotic patients. Camussi G, et al. **Clin Nephrol** 1985 Mar;23(3):134-41

Antibodies reacting with brush borders of rat kidney tubules in sera from children with chronic hepatitis and chronic glomerulonephritis. Slusarczyk J, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):15-7

Endocytotic activity in epitheloid and Langhans' giant cells. Tracer studies with ferritin in the tubulointerstitial (anti-TBM) nephritis model. Langer KH, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):177-82

[Cytotoxic properties of anti-kidney antibodies in the chick embryo. I--Antibodies reacting with an antigen specific for the proximal segment of the secretory tubules] Goicoechea O, et al. **Arch Anat Microsc Morphol Exp** 1984; 73(2):91-103 (Eng. Abstr.) **(Fre)**

METABOLISM

ATP as a factor in the response of the cAMP system to PTH in proximal and distal convoluted tubules. Dousa TP, et al. **Adv Exp Med Biol** 1984;178:139-44

Comparison of the effect of nucleotides on phosphate transport in renal brush border membrane vesicles and intact proximal tubules. Fine LG, et al. **Adv Exp Med Biol** 1984;178:69-72

Glucocorticoid-induced inhibition of the reabsorption of inorganic phosphate in the proximal tubule in the absence of parathyroid hormone. Frick A, et al. **Adv Exp Med Biol** 1984;178:81-6

Calcium (Ca) mediated phosphate (PO4) transport in the proximal convoluted tubule (PCT) of the rabbit. Rouse D, et al. **Adv Exp Med Biol** 1984;178:77-9

Gluconeogenesis, cytosolic redox potential, and phosphate and fluid transport in the isolated rabbit proximal tubule. Yanagawa N, et al. **Adv Exp Med Biol** 1984;178:59-68

A model of proximal tubular bicarbonate absorption. Alpern RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F272-81

Peritubular protein modulates neutral active NaCl absorption in rabbit proximal convoluted tubule. Baum M, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F790-5

Relationship among parathyroid hormone, cAMP, and calcium on proximal tubule sodium transport. Dolson GM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F409-16

NMR measurements of intracellular sodium in the rabbit proximal tubule. Gullans SR, et al. **Am J Physiol** 1985 Jul; 249(1 Pt 2):F160-8

Interaction of insulin with the renal proximal tubular cell. Hammerman MR. **Am J Physiol** 1985 Jul;249(1 Pt 2):F1-11 (64 ref.)

Insulin stimulates Pi transport in brush border vesicles from proximal tubular segments. Hammerman MR, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E616-24

Proton/hydroxyl permeability of proximal tubule brush border vesicles. Ives HE. **Am J Physiol** 1985 Jan;248(1 Pt 2):F78-86

Parathyroid hormone and dibutyryl cAMP inhibit Na+/H+ exchange in renal brush border vesicles. Kahn AM, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F212-8

Passive potassium transport in the proximal convoluted tubule. Kaufman JS, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F228-32

Effect of metabolic acidosis on proximal tubular total CO2 absorption. Kunau RT Jr, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F62-8

Axial heterogeneity in the rat proximal convoluted tubule. II. Osmolality and osmotic water permeability. Liu FY, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F822-6

Axial heterogeneity in the rat proximal convoluted tubule. I. Bicarbonate, chloride, and water transport. Liu FY, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F816-21

Load dependence of HCO3 and H2O reabsorption in the early proximal tubule of the Munich-Wistar rat. Maddox DA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F113-21

Parathyroid hormone contributes to volume expansion-induced inhibition of proximal reabsorption. Mercier O, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F100-3

Renal apical membrane cholesterol and fluidity in regulation of phosphate transport. Molitoris BA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F12-9

Phosphate uptake by proximal cells isolated from rabbit kidney: role of dexamethasone. Poujeol P, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F74-83

Evidence for transcellular osmotic water flow in rat proximal tubules. Preisig PA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F124-31

Phorbol esters inhibit gluconeogenesis in canine renal proximal tubular segments. Rogers S, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F256-62

Effect of calcium on transport characteristics of cultured proximal renal cells. Sakhrani LM, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F346-55

Sodium-dependent sulfate transport in renal outer cortical brush border membrane vesicles. Turner RJ. **Am J Physiol** 1984 Nov;247(5 Pt 2):F793-8

Transport by epithelia with compliant lateral intercellular spaces: asymmetric oncotic effects across the rat proximal tubule. Weinstein AM. **Am J Physiol** 1984 Nov;247(5 Pt 2):F848-62

Effect of barium on cell volume regulation in rabbit proximal straight tubules. Welling PA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F20-7

Role of sodium cotransport systems in epithelial transport. Kinne R. **Ann NY Acad Sci** 1984;435:39-47 (24 ref.)

Metabolic substrates, cellular energy production, and the regulation of proximal tubular transport. Mandel LJ. **Annu Rev Physiol** 1985;47:85-101 (72 ref.)

Transport of metabolic substrates by the proximal nephron. Schafer JA, et al. **Annu Rev Physiol** 1985;47:103-25 (155 ref.)

Polyamines stimulate D-glucose transport in isolated renal brush-border membrane vesicles. Elgavish A, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):1-8

Effect of Ca2+ on the ouabain-insensitive, active Na+ uptake in inside-out basolateral plasma membrane vesicles from rat kidney proximal tubular cells. Marin R, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):299-306

Compartmentation of ATP within renal proximal tubular cells. Pfaller W, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):152-7

Idiopathic de Toni-Debré-Fanconi syndrome with absence of proximal tubular brush border. Manz F, et al. **Clin Nephrol** 1984 Sep;22(3):149-57

Proximal tubular hydrolysis and transport of small peptides. Carone FA, et al. **Contrib Nephrol** 1984;42:1-9

Peptidases and peptide transport in mammalian kidney. Ganapathy V, et al. **Contrib Nephrol** 1984;42:10-8 (23 ref.)

Proximal glomerulo-tubular balance in patients with type 1 (insulin-dependent) diabetes mellitus. Brøchner-Mortensen J, et al. **Diabetologia** 1984 Aug;27(2):189-92

Is the relative 99mTc-DMSA clearance a useful marker of proximal tubular dysfunction? van Luijk WH, et al. **Eur J Nucl Med** 1984;9(10):439-42

Lack of a direct role for cyclic AMP in parathyrin action on phosphate reabsorption by the kidney. Parveen R, et al. **FEBS Lett** 1984 Oct 15;176(1):220-2

Sex different cytochrome-c uptake in the proximal tubule of the rat kidney. Kiesewetter F, et al. **Histochemistry** 1985;82(6):557-64

Localization of thyroxine 5'-monodeiodinase activity in the renal proximal tubules in rabbits and rats. Murayama N, et al. **Horm Metab Res** 1985 Apr;17(4):197-200

Chronic hypercapnia stimulates proximal bicarbonate reabsorption in the rat. Cogan MG. **J Clin Invest** 1984 Dec;74(6):1942-7

Evidence for beta adrenoceptors in proximal tubules. Isoproterenol-sensitive adenylate cyclase in pars recta of canine nephron. Murayama N, et al. **J Clin Invest** 1985 Aug;76(2):474-81

Regulation of ammonia production by mouse proximal tubules perfused in vitro. Effect of luminal perfusion. Nagami GT, et al. **J Clin Invest** 1985 Mar;75(3):844-9

Modulation of phosphate absorption by calcium in the rabbit proximal convoluted tubule. Rouse D, et al. **J Clin Invest** 1985 Aug;76(2):630-6

Carbon dioxide causes exocytosis of vesicles containing H+ pumps in isolated perfused proximal and collecting tubules. Schwartz GJ, et al. **J Clin Invest** 1985 May;75(5):1638-44

Calcium transport in canine renal basolateral membrane vesicles. Effects of parathyroid hormone. Scoble JE, et al. **J Clin Invest** 1985 Apr;75(4):1096-105

Bicarbonate-water interactions in the rat proximal convoluted tubule. An effect of volume flux on active proton secretion. Alpern RJ. **J Gen Physiol** 1984 Nov;84(5):753-70

Active ion transport in the renal proximal tubule. II. Ionic dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):623-42

Active ion transport in the renal proximal tubule. I. Transport and metabolic studies. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):601-22

Active ion transport in the renal proximal tubule. III. The ATP dependence of the Na pump. Soltoff SP, et al. **J Gen Physiol** 1984 Oct;84(4):643-62

Effects of dietary calcium restriction on 1,25-dihydroxyvitamin D3 net synthesis by rat proximal tubules. Langman CB, et al. **J Lab Clin Med** 1985 Sep;106(3):286-92

Absence of a role of gamma-glutamyl transpeptidase in the transport of amino acids by rat renal brushborder membrane vesicles. Hsu BY, et al. **J Membr Biol** 1984;80(2):167-73

Failure of changes in intracapillary pressures to alter proximal fluid reabsorption. Bank N, et al. **Kidney Int** 1984 Sep;26(3):275-82

Proximal tubule dopamine histofluorescence in renal slices incubated with L-dopa. Hagege J, et al. **Kidney Int** 1985 Jan;27(1):3-8

Basolateral endocytosis of protein in isolated perfused proximal tubules. Nielsen JT, et al. **Kidney Int** 1985 Jan;27(1):39-45

Renal handling of plasma high density lipoprotein. Peterson DR, et al. **Kidney Int** 1984 Oct;26(4):411-21

Robert F. Pitts Memorial Lecture. Mechanisms coupling the absorption of solutes and water in the proximal nephron. Schafer JA. **Kidney Int** 1984 Apr;25(4):708-16

Phosphate transport by brushborder membranes from superficial and juxtamedullary cortex. Turner ST, et al. **Kidney Int** 1985 Jun;27(6):879-85

Active and passive components of NaCl absorption in the proximal convoluted tubule of the rat kidney. Chantrelle BM, et al. **Miner Electrolyte Metab** 1985;11(4):209-14

Microinjection study of renal calcium absorption in the phosphate-depleted rat. Guruprakash GH, et al. **Miner Electrolyte Metab** 1985;11(4):262-6

Cytosolic redox potential and phosphate transport in the proximal tubule of the rabbit. A study in the isolated perfused tubules. Yanagawa N, et al. **Miner Electrolyte Metab** 1985;11(1):57-61

Regulation of volume reabsorption by thyroid hormones in the proximal tubule of rat: minor role of luminal sodium permeability. Capasso G, et al. **Pflugers Arch** 1985 Jan;403(1):97-104

Streaming potentials and diffusion potentials across rabbit proximal convoluted tubule. Corman B. **Pflugers Arch** 1985 Feb;403(2):156-63

Electron microprobe analysis of proximal tubule cellular Na, Cl and K element concentrations during acute mannitol-saline volume expansion in rats: evidence for inhibition of the Na pump. Györy AZ, et al. **Pflugers Arch** 1985 Feb;403(2):205-9

Proximal tubular transport and urinary excretion of sodium after renal denervation in sodium depleted rats. Szénási G, et al. **Pflugers Arch** 1985 Feb;403(2):146-50

Contraluminal transport of hexoses in the proximal convolution of the rat kidney in situ. Ullrich KJ, et al. **Pflugers Arch** 1985 May;404(2):150-6

Stimulation of phospholipid turnover by angiotensin II and phenylephrine in proximal convoluted tubules microdissected from mouse nephron. Wirthensohn G, et al. **Pflugers Arch** 1985 May;404(1):94-6

Chloride/formate exchange with formic acid recycling: a mechanism of active chloride transport across epithelial membranes. Karniski LP, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6362-5

Mechanisms involved in the reabsorption of salicylate in the proximal tubule of rabbits. Schild L, et al. **Prog Clin Biol Res** 1984;164:417-22

In vitro phosphorylation of rat kidney proximal tubular brush border membranes. Biber J, et al. **Renal Physiol** 1985;8(1):19-29

Interrelation between oxygen consumption and Na-K-ATPase activity in rat renal proximal tubule suspension. Gstraunthaler G, et al. **Renal Physiol** 1985;8(1):38-44

Effects of calcium intake on 1,25-dihydroxyvitamin D3 net synthesis by rat proximal tubules. Langman CB, et al. **Trans Assoc Am Physicians** 1983;96:225-33

[Effects of aminoglycosides on phosphoinositide metabolism in renal proximal tubules. In vivo and in vitro studies] Marche P, et al. **Pathol Biol (Paris)** 1985 May;33(5):373-6 (Eng. Abstr.) **(Fre)**

[Abnormal membrane transport in brush border disease. a. Re-absorption problem in the kidney tubules] Koide H. **Nippon Rinsho** 1985 Apr;43(4):799-803 **(Jpn)**

[Mathematical model of fluid transport in the convoluted portion of the proximal kidney tubules and surrounding capillaries] Kisliakov Iula. **Biofizika** 1984 Jul-Aug;29(4):676-80 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Proteinuria and renal pathology in generalized sepsis. Linton AL, et al. **Contrib Nephrol** 1984;42:118-22

Adaptation of proximal tubular structure and function: insights into compensatory renal hypertrophy. Fine LG, et al. **Fed Proc** 1985 Aug;44(11):2723-7 (23 ref.)

Lipid alterations induced by renal ischemia: pathogenic factor in membrane damage. Matthys E, et al. **Kidney Int** 1984 Aug;26(2):153-61

Pathology and pathogenesis of nephrotoxic membrane damage. Schwertz DW, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):63-71 (57 ref.)

[An autopsy case of Hermansky-Pudlak syndrome with diffuse interstitial pneumonia (Davies-Tuddenham syndrome)--marked ceroid-like granule deposition in the renal proximal tubular epithelia] Matsumoto S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;21(10):932-8 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

The effect of 2 hours of complete unilateral ureteral obstruction on tubuloglomerular feedback control. Persson AE, et al. **Acta Physiol Scand** 1984 Sep;122(1):35-43

Renal lithium clearance as a measure of the delivery of water and sodium from the proximal tubule in humans. Thomsen K, et al. **Am J Med Sci** 1984 Nov;288(4):158-61

Interactions between phosphate and oxidative metabolism in proximal renal tubules. Brazy PC, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F575-81

Stimulation of phosphate transport in the proximal tubule by metabolic substrates. Gullans SR, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F582-7

Transepithelial and cell membrane electrical resistances of the rabbit proximal convoluted tubule. Lapointe JY, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F637-49

Cell and luminal pH in the proximal tubule of Necturus kidney. Planelles G, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F932-8

Intracellular pH in the isolated perfused rabbit proximal straight tubule. Sasaki S, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F417-23

Renal proximal tubular alpha-adrenergic receptors oppose urinary 3,5'-cyclic adenosine monophosphate response to parathyroid hormone in vivo. Woodcock EA, et al. **Endocrinology** 1985 Mar;116(3):1085-9

Electro-osmosis and the reabsorption of fluid in renal proximal tubules. McLaughlin S, et al. **J Gen Physiol** 1985 May;85(5):699-728

Determinants of CO2 generation and maintenance in the renal cortex: role of metabolic CO2 production and diffusive CO2 transfer. DuBose TD Jr, et al. **Miner Electrolyte Metab** 1985;11(4):223-9

Na to Cl permeability in newborn rabbit superficial and juxtamedullary proximal convoluted tubules. Holmberg C, et al. **Miner Electrolyte Metab** 1985;11(4):215-22

Is the voltage divider ratio a reliable estimate of the resistance ratio of the cell membranes in tubular epithelia? Cook DI, et al. **Pflugers Arch** 1985 Apr;403(4):388-95

Single channel recordings from basolateral and apical membranes of renal proximal tubules. Gögelein H, et al. **Pflugers Arch** 1984 Aug;401(4):424-6

Osmotic water permeability of the apical membrane of proximal straight tubular (PST) cells. Gonzáles E, et al. **Pflugers Arch** 1984 Nov;402(3):337-9

Ouabain decreases apparent potassium-conductance in proximal tubules of the amphibian kidney. Messner G, et al. **Pflugers Arch** 1985 May;404(2):131-7

Cell pH of rat renal proximal tubule in vivo and the conductive nature of peritubular HCO3- (OH-) exit. Yoshitomi K, et al. **Pflugers Arch** 1984 Nov;402(3):300-5

PHYSIOPATHOLOGY

Enhanced tubuloglomerular feedback activity in rats developing spontaneous hypertension. Dilley JR, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F672-9

Fever and proximal tubular function in acute pyelonephritis. Sandberg T, et al. **Nephron** 1985;41(1):39-44

Impaired organic ion transport in proximal tubules of rats with Heymann nephritis. Park EK, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):174-84

Proximal tubule function in chronic serum sickness glomerulonephritis of rats. Park EK, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):105-13

Issues in the pathophysiology of nephrotoxic renal tubular cell injury pertinent to understanding cyclosporine nephrotoxicity. Weinberg JM. **Transplant Proc** 1985 Aug;17(4 Suppl 1):81-90 (90 ref.)

SECRETION

Electrophysiological evidence for Cl secretion in shark renal proximal tubules. Beyenbach KW, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F282-95

ULTRASTRUCTURE

Evidence from 23Na NMR studies for the existence of sodium-channels in the brush border membrane of the renal proximal tubule. Elgavish GA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):746-53

Autoradiographic demonstration of human 125I-interferon alpha in lysosomes of rabbit proximal tubule cells. Bocci V, et al. **J Submicrosc Cytol** 1984 Oct;16(4):753-7

Effects of chlorpromazine on ischemic rat kidney: a functional and ultrastructural study. Jayachandran S, et al. **Urology** 1985 Apr;25(4):386-90

Quantitative ultrastructure of human proximal tubules and cortical interstitium in chronic renal disease (hydronephrosis). Møller JC, et al. **Virchows Arch [A]** 1985; 406(4):389-406

[A morphopathological study of the kidney in chronic glomerulonephritis. II. Changes in the proximal convoluted tubules] Ueda M. **Nippon Jinzo Gakkai Shi** 1984 Nov; 26(11):1419-37 (Eng. Abstr.) **(Jpn)**

KIENBOECK'S DISEASE see **OSTEOCHONDRITIS**

KIESELGUHR see under **SILICA**

KILLER CELLS

see related

ANTIBODY-DEPENDENT CELL CYTOTOXICITY

[Studies on the K-cell population in patients with various renal glomerular diseases and on its clinical significance] Inami M. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):79-88 (Eng. Abstr.) **(Jpn)**

[Peripheral K lymphocytes in patients with subacute thyroiditis] Fukazawa H, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):672-83 (Eng. Abstr.) **(Jpn)**

CYTOLOGY

TLiSA1, a human T lineage-specific activation antigen involved in the differentiation of cytotoxic T lymphocytes and anomalous killer cells from their precursors. Burns GF, et al. **J Exp Med** 1985 May 1;161(5):1063-78

DRUG EFFECTS

The human effector cells of natural cell mediated cytotoxicity (NCMC) and antibody dependent cellular cytotoxicity (ADCC) express a differentiate susceptibility to pronase. Olinescu A, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):147-57

The absence of any effect of methimazole on in vitro cell-mediated cytotoxicity. Weetman AP, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):57-64

Effect of intravenous fat emulsion on natural killer cellular function and antibody-dependent cell cytotoxicity. Almond DJ, et al. **Hum Nutr Clin Nutr** 1985 May; 39(3):227-32

Lymphokine-activated killer (LAK) cell phenomenon. IV. Lysis by LAK cell clones of fresh human tumor cells from autologous and multiple allogeneic tumors. Rayner AA, et al. **JNCI** 1985 Jul;75(1):67-75

IMMUNOLOGY

Distribution of HNK-1+ cells in malignant lymphomas. Mori S, et al. **Acta Pathol Jpn** 1985 Mar;35(2):339-50

Human NK resistant tumor cell lysis is effected by IL-2 activated killer cells. Grimm EA, et al. **Adv Exp Med Biol** 1985;184:161-75

Natural killer cells against human corneal endothelium. Opremcak EM, et al. **Am J Ophthalmol** 1985 May 15; 99(5):524-9

Changes in natural killer cells activity in mice bearing subcutaneously implanted Lewis lung carcinoma. Budzynski W. **Arch Immunol Ther Exp (Warsz)** 1984; 32(2):185-9

Killer cell activity of human monoblastic leukemia cells as detected with a monocyte-specific target cell. Ziegler-Heitbrock HW, et al. **Blood** 1985 Jan;65(1):8-14

HNK-1 antibody reacts with peripheral nerves and sweat glands in the skin. Ando I, et al. **Br J Dermatol** 1985 Aug; 113(2):175-8

Reduced killer cell activity of lymphocytes from patients with asbestosis. Kubota M, et al. **Br J Ind Med** 1985 Apr; 42(4):276-80

Enhancement of natural killer cell activity and 2-5A synthetase in operable breast cancer patients treated with polyadenylic: polyuridylic acid. Hovanessian AG, et al. **Cancer** 1985 Jan 15;55(2):357-62

Lymphokine-activated killer (LAK) cells. Analysis of factors relevant to the immunotherapy of human cancer. Rayner AA, et al. **Cancer** 1985 Mar 15;55(6):1327-33

Influence in vitro on NK and K cell activities by cimetidine and indomethacin with and without simultaneous exposure to interferon. Flodgren P, et al. **Cancer Immunol Immunother** 1985;19(1):28-34

Role of interleukin 2 and a serum suppressive factor on the induction of activated killer cells cytotoxic for autologous human melanoma cells. Itoh K, et al. **Cancer Res** 1985 Jul; 45(7):3173-8

Successful immunotherapy of murine experimental hepatic metastases with lymphokine-activated killer cells and recombinant interleukin 2. Lafreniere R, et al. **Cancer Res** 1985 Aug;45(8):3735-41

High frequency of precursors of anomalous killer cells in human peripheral blood: evidence for T-cell regulation. Burns GF, et al. **Cell Immunol** 1984 Nov;89(1):202-11

Killer cells of feline leukemia virus- and feline sarcoma virus-infected transformed cells: the role of NK, ADCC, and in vitro generated cytotoxic cells. Kooistra LH, et al. **Cell Immunol** 1985 Sep;94(2):466-79

Comparison of murine lymphokine-activated killer cells, natural killer cells, and cytotoxic T lymphocytes. Merluzzi VJ. **Cell Immunol** 1985 Oct 1;95(1):95-104

Lymphokine-activated cell-associated antigen involved in broad-reactive killer cell-mediated cytotoxicity. Nishimura T, et al. **Cell Immunol** 1985 Aug;94(1):122-32

In vitro generation of human activated lymphocyte killer cells. II. N-acetyl-D-galactosamine inhibits a distinct subpopulation of human activated lymphocyte killer cells generated in mixed lymphocyte culture. Werkmeister JA, et al. **Cell Immunol** 1985 May;92(2):338-49

Natural cell-mediated cytotoxic activity against isolated chondrocytes in the mouse. Malejczyk J, et al. **Clin Exp Immunol** 1985 Jan;59(1):110-6

Generation of natural killer cells and lymphokine-activated killer cells in human AB serum or fetal bovine serum. Imir T, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):289-96

T-lymphocyte and B-lymphocyte dichotomy in anuran amphibians: III. Assessment and identification of inducible killer T-lymphocytes (IKTL) and spontaneous killer T-lymphocytes (SKTL). Klempau AE, et al. **Dev Comp Immunol** 1984 Summer;8(3):649-61 (40 ref.)

Transient killer cells mediating antibody-dependent cell cytotoxicity to chicken erythrocytes in mouse spleen during post natal development. Papadopoulos AI, et al. **Dev Comp Immunol** 1985 Spring;9(2):361-9

Immunologic effects of nickel. II. Suppression of natural killer cell activity. Smialowicz RJ, et al. **Environ Res** 1985 Feb;36(1):56-66

Infiltration density of HNK 1 positive cells in non-Hodgkin's lymphomas depends on histologic subtype: an in situ morphometric analysis. Gattringer C, et al. **Immunobiology** 1985 Apr;169(3):280-91

Spontaneous and induced primary oncogenesis in natural killer (NK)-cell-deficient beige mutant mice. Haliotis T, et al. **Int J Cancer** 1985 Apr 15;35(4):505-13

The generation of culture activated killer cells (AK) is interleukin-2-dependent and requires self-Ia recognition. Lattime EC, et al. **Int J Cancer** 1985 Apr 15;35(4):535-42

Detection of NK activity and antibody-dependent cellular cytotoxicity of lymphocytes by human tumor clonogenic assay--its correlation with the 51Cr-release assay. Nomori H, et al. **Int J Cancer** 1985 Apr 15;35(4):449-55

In vitro and in vivo antitumor activity of lymphokine-induced cytotoxic cells. Ting CC, et al. **Int J Cancer** 1985 Jul 15;36(1):117-23

Production of target-specific effector cells using hetero-cross-linked aggregates containing anti-target cell and anti-Fc gamma receptor antibodies. Karpovsky B, et al. **J Exp Med** 1984 Dec 1;160(6):1686-701

Killing of yeast, germ-tube and mycelial forms of Candida albicans by murine effectors as measured by a radiolabel release microassay. Baccarini M, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):505-13

Lymphokine-activated and natural killer cell activity in human intestinal mucosa. Hogan PG, et al. **J Immunol** 1985 Sep;135(3):1731-8

Generation of activated killer (AK) cells by recombinant interleukin 2 (rIL 2) in collaboration with interferon-gamma (IFN-gamma). Itoh K, et al. **J Immunol** 1985 May;134(5):3124-9

Leu-11+ lymphocytes with natural killer (NK) activity are precursors of recombinant interleukin 2 (rIL 2)-induced activated killer (AK) cells. Itoh K, et al. **J Immunol** 1985 Feb;134(2):802-7

Tac antigen-positive T cells activated in autologous mixed lymphocyte reaction regulate the generation of killer T cells against hapten-modified autologous cells. Kumagai S, et al. **J Immunol** 1985 Feb;134(2):711-7

Lymphokine-activated killer cells are generated before classical cytotoxic T lymphocytes after bone marrow transplantation in mice. Merluzzi VJ, et al. **J Immunol** 1985 Sep;135(3):1702-6

Identification of a structure on human melanoma cells recognized by CTL exhibiting anomalous killer cell function. Werkmeister JA, et al. **J Immunol** 1985 Jul; 135(1):689-95

Use of Millipore diffusion chambers to assay in vivo IL-2 activity. Nishimura T, et al. **J Immunol Methods** 1985 Apr 22;78(2):239-45

The effect of cimetidine on natural killer activity of peripheral blood lymphocytes of patients with ovarian carcinoma. Kikuchi Y, et al. **Jpn J Clin Oncol** 1985 Jun; 15(2):377-83

Impaired lymphokine-activated killer-cell activity in patients with hypogammaglobulinaemia [letter] Gao L, et al. **Lancet** 1985 Aug 10;2(8450):340

Lymphokine-activated killer cells: in vitro and in vivo studies. Mazumder A. **Lymphokine Res** 1985 Summer; 4(3):215-20

Cytotoxic antibody dependent cells in mice experimentally infected with Brucella abortus. Galdiero F, et al. **Microbiologica** 1985 Jul;8(3):217-24

Experimental application of a multistep kinetic model for natural cytotoxicity: determination of rate constants for lytic programming and killer-cell-independent lysis. Callewaert DM, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):210-21

Lack of lymphocyte-induced DNA fragmentation in human targets during lysis represents a species-specific difference between human and murine cells. Christiaansen JE, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4482-5

Effect of biological response modifier-streptococcal preparation OK-432 on NK/K cell system of gnotobiotic miniature swine. Kim YB. **Prog Clin Biol Res** 1985; 181:337-41

Effect of recombinant human interferons on NK and K cell activities of gnotobiotic miniature swine. Kim YB, et al. **Prog Clin Biol Res** 1985;181:329-32

Immunoresponses and natural killer activity of nude and normal mice under conventional and germfree conditions. Suzuki T, et al. **Prog Clin Biol Res** 1985;181:325-8

Immunotherapy of cancer with lymphokine-activated killer cells and recombinant interleukin-2. Rosenberg SA, et al. **Surgery** 1985 Sep;98(3):437-44

Characterization of mononuclear cell infiltrates in human cardiac allografts. Marboe CC, et al. **Transplant Proc** 1984 Dec;16(6):1598-9

Inability to detect a K cell in bovine peripheral blood leukocytes. Campos M, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):351-62

[Immunology of nonteratogenic choriocarcinomas] Hausner P, et al. **Cesk Gynekol** 1984 Jul;49(6):436-9 **(Cze)**

[Circulating K and NK cells in malignant melanoma using monoclonal antibodies] Graul A, et al. **Z Hautkr** 1985 Feb 15;60(4):338-47 (Eng. Abstr.) **(Ger)**

[Induction of LAK cells in peritoneal cavity of mice after ip injection of OK-432 and antitumor effect of these LAK cells] Ishida N, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2681-90 (Eng. Abstr.) **(Jpn)**

[Analyses of antitumor effects of mononuclear cells and the future prospects of immunotherapy] Saijo N. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):51-5 (Eng. Abstr.) **(Jpn)**

[The effects of sex hormones on K-cell in antibody-dependent cell-mediated cytotoxicity reactions] Higashimori T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2743-7 (Eng. Abstr.) **(Jpn)**

[Antibody-dependent cell cytotoxicity and the effect of interferon on K-cell functional activity in vitro in chronic viral hepatitis B in children] Kaganov BS, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):700-2 (Eng. Abstr.) **(Rus)**

[Direct visual method for determining the killer bactericidal activity of peripheral blood neutrophils in healthy donors and patients] Kudriavitskiĭ AI. **Lab Delo** 1985;(1):45-7 (Eng. Abstr.) **(Rus)**

[Activation of adenylate cyclase system enzymes and lysosomal acid phosphatase in target cells interacting with T-killer cells] Sashchenko LP, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):119-31 (Eng. Abstr.) **(Rus)**

[Determination and spectrophotometric evaluation of the functional activity of K-cells in healthy persons and in patients with cancer of the bladder] Drannik GN, et al. **Vrach Delo** 1985 Feb;(2):49-52 (Eng. Abstr.) **(Rus)**

METABOLISM

Fc receptors on lymphocytes and K cells. Gergely J, et al. **Biochem Soc Trans** 1984 Oct;12(5):739-43

PHYSIOLOGY

[Prevention of the depression of normal killer activity in stress via adaptation to the periodic action of hypoxia] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):458-9 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

The anti-tumor efficacy of lymphokine-activated killer cells and recombinant interleukin 2 in vivo. Mulé JJ, et al. **J Immunol** 1985 Jul;135(1):646-52

KILLER CELLS, NATURAL

see related

CYTOTOXICITY, IMMUNOLOGIC

Natural killer cell activity in cigarette smokers and asbestos workers. Ginns LC, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):831-4

Enrichment of mouse splenic natural killer cells using discontinuous polyvinylpyrrolidone silica (Percoll) gradients. Patel MR, et al. **Immunology** 1984 Dec; 53(4):721-9

[The effect of overheating on the level of growth hormone and large granular lymphocytes (LGL) in the blood] Korčáková L, et al. **Cas Lek Cesk** 1985 Feb 15; 124(7):198-200 (Eng. Abstr.) **(Cze)**

[NK cells in children] Mydlil J, et al. **Cesk Pediatr** 1985 Apr; 40(4):201-3 (Eng. Abstr.) **(Cze)**

[Absolute and relative increase in Leu-11b+ cells in patients with systemic scleroderma (letter)] Valentini G, et al. **Presse Med** 1984 Dec 15;13(45):2763-4 **(Fre)**

ANALYSIS

Identification and purification of NK cells with lysosomotropic vital stains: correlation of lysosome content with NK activity. Shau H, et al. **J Immunol** 1985 Jul; 135(1):137-40

Analysis of T-cell receptor gene rearrangement and expression in human natural killer clones. Ritz J, et al. **Science** 1985 Jun 28;228(4707):1540-3

CLASSIFICATION

Terminology in T gamma lymphoproliferative disease [letter] Ault KA, et al. **Blood** 1985 Jul;66(1):248-9

Changes in the host natural killer cell population in mice during tumor development. 1. Kinetics and in vivo significance. Lala PK, et al. **Cell Immunol** 1985 Jul;

93(2):250-64

Subsets of human large granular lymphocytes (LGL) exhibit accessory cell functions. Scala G, et al. **J Immunol** 1985 May;134(5):3049-55

Mode of in vitro augmentation of natural killer cell activity by recombinant human interleukin 2: a comparative study of Leu-11+ and Leu-11- cell populations in cord blood and adult peripheral blood. Seki H, et al. **J Immunol** 1985 Oct;135(4):2351-6

Characterization of human large granular lymphocyte subpopulations: comparison of the phenotype of NK cells and of interleukin 2-dependent progenitors of cytolytic effector cells. Allavena P, et al. **Nat Immun Cell Growth Regul** 1985;4(1):7-20

Separation of human natural killer cells by temperature sensitivity and soybean agglutinin. Inoue S, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):298-305

CYTOLOGY

Natural killer cells in human colostrum. Moro I, et al. **Cell Immunol** 1985 Jul;93(2):467-74

Localization and characterization of T-cell subpopulations and natural killer cells (HNK 1+ cells) in the human tonsilla palatina. An ultrastructural-immunocytochemical study. von Gaudecker B, et al. **Cell Tissue Res** 1984; 238(1):135-43

Identification of a 140-kDa activation antigen as a target structure for a series of human cloned natural killer cell lines. Hercend T, et al. **Eur J Immunol** 1984 Sep; 14(9):844-52

A clonal analysis of human peripheral blood lymphocytes displaying natural killer-like activity. Roberts K, et al. **Eur J Immunol** 1985 May;15(5):448-56

Low natural killer cell activity in the bone marrow of healthy donors with normal killer cell activity in the peripheral blood. Talpaz M, et al. **Exp Hematol** 1984 Sep;12(8):629-32

Role of the thymus in the control of growth and differentiation of TCGF-sensitive natural killer (NK) cells. Riccardi C, et al. **Int J Tissue React** 1984;6(5):401-8

The proliferation and function of human mononuclear leukocytes and natural killer cells in serum-free medium. Brown RL, et al. **J Immunol Methods** 1985 Aug 2; 81(2):207-14

Development of natural killer cells: comparison of the maturation rates in different lymphoid compartments. Hurme M, et al. **Scand J Immunol** 1985 Feb;21(2):159-65

Characterization of a subset of human natural killer cells that express OKM1 but lack HNK-1 (Leu-7) antigens. Marolda R, et al. **Scand J Immunol** 1984 Sep;20(3):261-5

[Natural killer cells in the mechanism of cell cooperation in colony formation and erythropoiesis] Pukhova IaI, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1478-82 **(Rus)**

DRUG EFFECTS

Single agent therapy of interferon for brain tumours: correlation between natural killer activity and clinical course. Otsuka S, et al. **Acta Neurochir (Wien)** 1984; 73(1-2):13-23

Azathioprine as single drug in the treatment of rheumatoid arthritis induces complete suppression of natural killer cell activity. Pedersen BK, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug; 92(4):221-5

Methylprednisolone pulse therapy induced fall in natural killer cell activity in rheumatoid arthritis. Pedersen BK, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):319-23

The human effector cells of natural cell mediated cytotoxicity (NCMC) and antibody dependent cellular cytotoxicity (ADCC) express a differentiate susceptibility to pronase. Olinescu A, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun;43(2):147-57

In vitro modulation of human natural killer cell activity by interferon: generation of adherent suppressor cells. Uchida A, et al. **Br J Cancer** 1984 Oct;50(4):483-92

Variation in natural killer activity in peripheral blood during the menstrual cycle [letter] McDonald FG, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1514-5

In vivo augmentation of rat lung natural killer cell activity and inhibition of experimental metastases by double-stranded polynucleotides. Nolibe D, et al. **Cancer Res** 1985 Oct;45(10):4774-8

Induction of natural killer cell activity of thoracic duct lymphocytes by polyinosinic-polycytidylic acid (poly(I:C)) or interferon. Fresa KL, et al. **Cell Immunol** 1985 Apr 1; 91(2):336-43

The human lymphokine-activated killer cell system. V. Purified recombinant interleukin 2 activates cytotoxic lymphocytes which lyse both natural killer-resistant autologous and allogeneic tumors and trinitrophenyl-modified autologous peripheral blood lymphocytes. Grimm EA, et al. **Cell Immunol** 1985 Sep; 94(2):568-78

Development of hyporesponsiveness to augmentation of natural killer cell activity after multiple doses of maleic anhydride divinyl ether: association with decreased numbers of large granular lymphocytes. Saito T, et al. **Cell Immunol** 1985 Feb;90(2):577-89

Modulation of human natural killer cell activity by recombinant human interleukin 2. Shaw AR, et al. **Cell Immunol** 1985 Feb;90(2):547-54

The absence of any effect of methimazole on in vitro cell-mediated cytotoxicity. Weetman AP, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):57-64

Involvement of cell surface macromolecules sensitive to alkylating ketones in lysis by human peripheral blood NK cells. Dawson MM, et al. **Clin Exp Immunol** 1985 Jan; 59(1):91-100

The activity of natural killer cells in patients with rheumatoid arthritis: I. The effect of drugs used in vivo. Russell AS, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):227-9

Effect of lead, polychlorinated biphenyls, and cyclophosphamide on rat natural killer cells, interleukin 2, and antibody synthesis. Exon JH, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):158-64

The natural killer cell-interferon system in human carcinoma--its relation to interferon cancer treatment trials. Ching NP, et al. **Hawaii Med J** 1984 Oct; 43(10):368-72

Lack of effect of LTB4 on human natural killer cell activity and T lymphocyte transformation. Hall TJ, et al. **Immunol Lett** 1985;9(5):255-8

Effects of diethylstilbestrol on human natural killer cells in vitro. Kalland T, et al. **Immunopharmacology** 1984 Aug; 8(1):19-25

Manganese chloride enhances natural cell-mediated immune effector cell function: effects on macrophages. Smialowicz RJ, et al. **Immunopharmacology** 1985 Feb;9(1):1-11

Reduction in precursors of cytotoxic T lymphocytes and of cells with natural killer-like activity in spleens of cyclophosphamide-treated mice. Collavo D, et al. **Int J Immunopharmacol** 1984;6(5):529-34

Effect of isoprinosine on natural killer cell activity of blood mononuclear cells in vitro and in vivo. Hersey P, et al. **Int J Immunopharmacol** 1984;6(4):315-20

Augmentation of natural cell-mediated cytotoxic reactivity of mouse lymphoid cells by aloctin A. Imanishi K, et al. **Int J Immunopharmacol** 1984;6(5):539-43

The effect of 3-methylcholanthrene on mouse natural killer cells in vitro. Kalland T. **Int J Immunopharmacol** 1984; 6(4):299-305

Increase of natural killer (NK) activity of mouse lymphocytes following in vitro treatment with cytosine-arabinoside. Migliorati G, et al. **Int J Immunopharmacol** 1984; 6(5):433-43

The augmentation of human NK-cell activity by auranofin compared to interferon. Russell AS, et al. **Int J Immunopharmacol** 1984;6(5):451-4

Effect of D-glucosamine on human natural killer activity in vitro. Matheson DS, et al. **J Biol Response Mod** 1984 Aug;3(4):445-53

Immunological aspects of retinoids in humans. III. Effects of retinoic acid on the natural killing of tumor cells. Sidell N, et al. **J Biol Response Mod** 1985 Jun;4(3):240-50

Suppression of natural killer activity in patients treated with cisplatin and methylprednisolone. Takahashi K, et al. **J Cancer Res Clin Oncol** 1985;109(1):78-81

Inhibition of human NK cell cytotoxicity against K562 cells with glycopeptides from K562 plasma membranes. Decker JM, et al. **J Clin Lab Immunol** 1984 Nov;15(3):137-43

Inhibition of human natural killer activity by 2-deoxy-D-glucose and other sugars. Schlesinger M, et al. **J Clin Lab Immunol** 1984 Sep;15(1):19-26

Depletion of NK cells with the lysosomotropic agent L-leucine methyl ester and the in vitro generation of NK activity from NK precursor cells. Shau H, et al. **J Immunol** 1985 Feb;134(2):1136-41

Modulation of human natural killer cell function by L-leucine methyl ester: monocyte-dependent depletion from human peripheral blood mononuclear cells. Thiele DL, et al. **J Immunol** 1985 Feb;134(2):786-93

Chemotherapeutic agents and modulation of natural killer cell activity in vitro. Charamella LJ, et al. **J Immunopharmacol** 1985;7(1):53-65

Effect of recombinant alpha interferon on NK and ADCC function in lung cancer patients: results from a phase II trial. Hokland P, et al. **J Interferon Res** 1984 Fall;4(4):561-9

Hormonal modulation of human natural killer cell activity in vitro. Sulke AN, et al. **J Reprod Immunol** 1985 Feb; 7(2):105-10

Human NK cell activity is not inhibited by pregnancy and cord serum factors and female steroid hormones in vitro. Uksila J. **J Reprod Immunol** 1985 Feb;7(2):111-20

Inhibition of mouse natural killer cell activity by zinc. Stephenson RA, et al. **JNCI** 1985 May;74(5):1067-70

Mechanism of augmentation of natural cytotoxicity by human beta-interferon. Marumo K, et al. **Keio J Med** 1984 Nov; 33(4):201-9

Induction of interferon and activation of NK cells and macrophages in mice by oral administration of Ge-132, an organic germanium compound. Aso H, et al. **Microbiol Immunol** 1985;29(1):65-74

Effect of cyclosporin A on natural killer cells' response during viral infections. Gaeta A, et al. **Microbiologica** 1985 Jul;8(3):225-32

The effect of recombinant alpha 2-interferon on defective natural killer cell activity in multiple sclerosis. Hirsch RL, et al. **Neurology** 1985 Apr;35(4):597-600

Comparative studies between liposomes containing muramyl dipeptide and various immunomodulators on activation of mouse peritoneal macrophages and NK cells. Sakita M, et al. **Oncology** 1985;42(4):259-64

The effect of anti-malarial drugs on human natural killer cells in vitro. Ferrante A, et al. **Parasite Immunol** 1984 Nov;6(6):571-80

Influence of whole-body PUVA treatments on human peripheral blood NK cell activity. Viander M, et al. **Photodermatol** 1984 Feb;1(1):23-9

Monitoring of NK-1 and NK-15 subsets and natural killer activity in kidney transplant recipients receiving cyclosporine. Renna Molajoni E, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1042-6

Inhibition of human natural killer cell activity by (14R,15S)-14,15-dihydroxy-5Z,8Z,10E,12E-icosatetraenoic acid. Ramstedt U, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6914-8

Effect of 5'-methylthioadenosine, 3-deazaadenosine, and related compounds on human natural killer cell activity. Relation to cyclic AMP and methylation potential. Fredholm BB, et al. **Scand J Immunol** 1984 Dec;20(6):511-8

[Prevention of the stress-induced decrease in natural killer activity by using a beta-adrenergic blocker and vitamin E] Meerson FZ, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):646-7 (Eng. Abstr.) **(Rus)**

[Vitamin A stimulates the immune response to thymus-dependent antigens and increases the activity of natural killers] Pletsityi KD, et al. **Dokl Akad Nauk SSSR** 1984;278(4):1017-9 **(Rus)**

[Effect of interferon and its liposome-incorporated inducer on the recovery of natural killer activity after immobilization stress] Sukhikh GT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):81-4 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

A serine proteinase as a 'trigger' for human natural killer lymphocyte-mediated cytolysis. Hudig D, et al. **Adv Exp Med Biol** 1985;184:271-80

Nucleosidediphosphate-kinase induction by human recombinant IL-2 in mouse NK cells. Ohtsuki K, et al. **Biochem Int** 1985 Jan;10(1):13-21

Products of the lipoxygenase pathway in human natural killer cell cytotoxicity. Rossi P, et al. **Cell Immunol** 1985 Jun; 93(1):1-8

Activatable esterase activity of murine natural killer cell--YAC tumour cell conjugates. Petty HR, et al. **J Cell Sci** 1984 Dec;72:1-13

The requirement for proteinase activity for human lymphocyte-mediated natural cytotoxicity (NK): evidence that the proteinase is serine dependent and has aromatic amino acid specificity of cleavage. Hudig D, et al. **J Immunol** 1984 Nov;133(5):2647-54

An exoglycosidase-sensitive triggering site on NK cells which is coupled to transmethylation of membrane phospholipids. Kiyohara T, et al. **J Immunol** 1985 Jul; 135(1):659-64

The mechanism of human NK cell-mediated cytotoxicity. Mode of action of surface-associated proteases in the early stages of the lytic reaction. Lavie G, et al. **J Immunol** 1985 Aug;135(2):1470-6

IMMUNOLOGY

Natural killer cell activity after open-heart surgery. Ryhänen P, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):490-2

Natural killer cell activity in patients undergoing upper abdominal surgery: relationship to the endocrine stress response. Tønnesen E, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):654-60

Reduction of active natural killer cells in patients with atopic dermatitis estimated at the single cell level. Jensen JR. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:105-8

Natural killer cell activity after gynecologic infections with chlamydia. Onsrud M, et al. **Acta Obstet Gynecol Scand** 1984;63(7):613-5

Defective leukocyte interferon response in children with recurrent infections accompanied by arthralgia. Bondestam M, et al. **Acta Paediatr Scand** 1985 Mar;74(2):219-25

Natural killer cell activity of peripheral blood and bone marrow mononuclear cells from patients with childhood acute lymphoblastic leukemia. Sørskaar D, et al. **Acta Paediatr Scand** 1985 May;74(3):433-7

Distribution of HNK-1+ cells in malignant lymphomas. Mori S, et al. **Acta Pathol Jpn** 1985 Mar;35(2):339-50

Back-crossing F1 (BN X PVG) rats with the PVG strain gives hybrids with high natural killer (NK) cell activity. Klementsson H, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug; 92(4):231-2

Baseline and interferon-enhanced natural killer cell activity in rheumatoid arthritis. Pedersen BK, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr; 93(2):79-84

Analysis of sequential substages of the natural killer cell lethal hit. Deem RL, et al. **Adv Exp Med Biol** 1985;184:239-56

A unified theory for the mechanism of the lethal hit by cytotoxic T lymphocytes (CTL) and natural killer (NK) cells as defined by antisera capable of blocking the lethal hit stage of cytotoxicity. Hiserodt JC. **Adv Exp Med Biol** 1985;184:139-60

Studies of human natural killer cytotoxic factor (NKCF): characterization and analysis of its mode of action. Ortaldo JR, et al. **Adv Exp Med Biol** 1985;184:203-20

The mechanism of leukoregulin enhancement of target cell susceptibility to NK cell mediated cytotoxicity in humans. Ransom JH, et al. **Adv Exp Med Biol** 1985;184:281-7

An investigation of the role of soluble cytotoxic factors and reactive oxygen intermediates in lysis by NK cells. Wayner EA, et al. **Adv Exp Med Biol** 1985;184:221-38

Both NK sensitive and resistant mycoplasma free cell lines stimulate release of NKCF. Wright SC, et al. **Adv Exp Med Biol** 1985;184:193-201

Biochemical characterization of natural killer cytotoxic factors. Wright SC, et al. **Adv Exp Med Biol** 1985; 184:179-91

Natural killer cells--toward clinical application. Schattner A, et al. **Am J Hematol** 1985 Apr;18(4):435-43 (79 ref.)

Association between urinary zinc excretion and lymphocyte dysfunction in patients with lung cancer. Allen JI, et al. **Am J Med** 1985 Aug;79(2):209-15

Natural killer cell activity during pregnancy [letter] Labarrere C. **Am J Obstet Gynecol** 1985 Jun 1; 152(3):359-60

Natural killer cell activity in patients with Behçet's disease [letter] Watanabe K, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):813-4

The sensitivity of placental trophoblast cells to intraplacental and allogeneic cytotoxic lymphocytes. Pross H, et al. **Am J Reprod Immunol Microbiol** 1985 May;8(1):1-9

Increased NK activity is responsible for higher cytotoxicity to HEF cells by lymphocytes of women with threatened preterm delivery. Szekeres-Bartho J, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):22-6

Effects of canine distemper virus on natural killer cell activity in dogs. Ringler SS, et al. **Am J Vet Res** 1985 Aug; 46(8):1781-6

Thymic control in expression of natural killer activity in AKR and C57BL/6 mice. Vaillier D, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):1-12

Functional integrity of T, B, and natural killer cells in homosexual subjects with prodromata and in patients with AIDS. Bekesi JG, et al. **Ann NY Acad Sci** 1984;437:28-38

Deficiency of interferon-alpha generating capacity is associated with susceptibility to opportunistic infections in patients with AIDS. Lopez C, et al. **Ann NY Acad Sci** 1984;437:39-48

Studies of interferon production and natural killing by lymphocytes from multiple sclerosis patients. Neighbour PA. **Ann NY Acad Sci** 1984;436:181-91 (41 ref.)

Natural cytotoxicity and interferon production in patients with recurrent respiratory papillomatosis. Naiman HB, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):483-7

The nature of enhanced natural killer lymphocyte cytotoxicity during anesthesia and surgery in patients with benign disease and cancer. Griffith CD, et al. **Ann Surg** 1984 Dec;200(6):753-8

Beneficial effects of interleukin-2 on natural killer activity in lung cancer patients. Ito M, et al. **Anticancer Res** 1984 Nov-Dec;4(6):375-8

Increased natural killer cell activity in patients with epidermodysplasia verruciformis. Kamiński M, et al. **Arch Dermatol** 1985 Jan;121(1):84-6

Natural killer (NK) cell cytotoxicity in athymic (nude) rats. Grzelak I, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):549-56

Identification of lymphocyte subsets and natural killer cells in head and neck cancers. An immunohistological study using monoclonal antibodies. Harabuchi Y, et al. **Arch Otorhinolaryngol** 1985;242(1):89-97

Impaired killer cell generation in the autologous mixed leukocyte reaction by rheumatoid arthritis lymphocytes. Goto M, et al. **Arthritis Rheum** 1985 Jul;28(7):731-41

Circulating natural killer cells in Sjögren's syndrome. Ichikawa Y, et al. **Arthritis Rheum** 1985 Feb;28(2):182-7

Relationship between circulating interferon and anti-interferon antibodies and impaired natural killer cell activity in systemic lupus erythematosus. Sibbitt WL Jr, et al. **Arthritis Rheum** 1985 Jun;28(6):624-9

Impaired release of a soluble natural killer cytotoxic factor in systemic lupus erythematosus. Sibbitt WL Jr, et al. **Arthritis Rheum** 1984 Oct;27(10):1095-100

Effects of human natural killer (NK) cells on Plasmodium falciparum infected red cells. Chaicumpa W, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):135-9

The role of natural killer cells in immunity against malaria [editorial] Tharavanij S. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):3-5

A mature myeloid antigen identified on human natural killer cells. López AF, et al. **Aust J Exp Biol Med Sci** 1984 Aug; 62 (Pt 4):445-51

A substrate analog inhibitor for arylsulfatase reduces NK cell cytotoxicity. Zucker-Franklin D, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):540-3

Phenotypic characteristics of human natural killer cells. Perussia B, et al. **Biomed Pharmacother** 1985;39(1):13-8

Macrophages, NK-cells, NK-like cells, and tumor surveillance in man. Reizenstein P. **Biomed Pharmacother** 1985;39(1):1-3

Small cell lung cancer, endocrine cells of the fetal bronchus, and other neuroendocrine cells express the Leu-7 antigenic determinant present on natural killer cells. Bunn PA Jr, et al. **Blood** 1985 Mar;65(3):764-8

Impaired natural killer cell recycling in childhood chronic neutropenia with morphological abnormalities and defective chemotaxis of neutrophils. Komiyama A, et al. **Blood** 1985 Jul;66(1):99-105

Lysis of lymphoma cells by autologous and allogeneic natural killer cells. Oshimi K, et al. **Blood** 1985 Mar;65(3):638-43

Expression of NK-lineage markers on peripheral blood lymphocytes with T-helper (Leu3+/T4+) phenotype in B cell chronic lymphocytic leukemia. Velardi A, et al. **Blood** 1985 Jan;65(1):149-55

Patients with a deficiency of natural killer cell activity lack the VEP13-positive lymphocyte subpopulation. Ziegler-Heitbrock HW, et al. **Blood** 1985 Jan;65(1):65-70

Allostimulation of patients' lymphocytes generates both T and NK-like cells cytotoxic for autologous melanoma. Balsari A, et al. **Br J Cancer** 1985 Jul;52(1):73-80

Natural immunity to tumours--theoretical predictions and biological observations [editorial] Moore M. **Br J Cancer** 1985 Aug;52(2):147-51 (16 ref.)

HNK-1+ cells in non-Hodgkin's lymphoma: lack of relation with transferrin receptor expression on malignant cells. Schuurman HJ, et al. **Br J Cancer** 1985 Feb;51(2):171-7

HNK-I antibody reacts with peripheral nerves and sweat glands in the skin. Ando I, et al. **Br J Dermatol** 1985 Aug; 113(2):175-8

Natural killer cell activity in tuberculosis. Onwubalili JK, et al. **Br J Dis Chest** 1985 Jan;79(1):67-76

Modifications of host defence mechanisms by an acute non-immunological inflammatory reaction. Florentin I, et al. **Br J Exp Pathol** 1985 Jun;66(3):257-70

Natural killer cell activity in childhood acute lymphoblastic leukaemia in remission. Dickinson AM, et al. **Br J Haematol** 1985 Jan;59(1):45-53

Discrepancy between phenotypic and functional features of natural killer T-lymphocytes in B-cell chronic lymphocytic leukaemia. Foa R, et al. **Br J Haematol** 1984 Nov;58(3):509-16

Deficient natural killer (NK) cells in paroxysmal nocturnal haemoglobinuria (PNH): studies of lymphoid cells fractionated by discontinuous density gradient centrifugation. Yoda Y, et al. **Br J Haematol** 1985 Aug; 60(4):669-75

Reduced killer cell activity of lymphocytes from patients with asbestosis. Kubota M, et al. **Br J Ind Med** 1985 Apr, 42(4):276-80

Interferons and natural killer cells. Rager-Zisman B, et al. **Br Med Bull** 1985 Jan;41(1):22-7 (43 ref.)

Variation in natural killer activity in peripheral blood during the menstrual cycle. Sulke AN, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):884-6

Decreased population of Leu-7+ natural killer cells in lymph nodes of homosexual men with AIDS-related persistent lymphadenopathy. Jothy S, et al. **Can Med Assoc J** 1985 Jan 15;132(2):141-4

The relationship of clinical status and therapeutic modality to natural killer cell activity in human breast cancer. Brenner BG, et al. **Cancer** 1985 Oct 1;56(7):1543-8

Childhood acute lymphoblastic leukemia with natural killer activity. Clinical and cellular features of three cases. Komiyama A, et al. **Cancer** 1984 Oct 15;54(8):1547-53

The natural-killer-cell-associated HNK-1 (Leu-7) antibody reacts with hypertrophic and malignant prostatic epithelium. Rusthoven JJ, et al. **Cancer** 1985 Jul 15; 56(2):289-93

Influence in vitro on NK and K cell activities by cimetidine and indomethacin with and without simultaneous exposure to interferon. Flodgren P, et al. **Cancer Immunol Immunother** 1985;19(1):28-34

Stage-related decrease in natural killer cell activity in untreated patients with mycosis fungoides. Levy S, et al. **Cancer Immunol Immunother** 1984;18(2):138-40

Development of hyporesponsiveness of natural killer cells to augmentation of activity after multiple treatments with biological response modifiers. Saito T, et al. **Cancer Immunol Immunother** 1985;19(2):130-5

Relationships of prostaglandin E and natural killer sensitivity to metastatic potential in murine mammary adenocarcinomas. Fulton AM, et al. **Cancer Res** 1985 Oct; 45(10):4779-84

Impaired in vitro interferon, blastogenic, and natural killer cell responses to viral stimulation in acquired immune deficiency syndrome. Hersh EM, et al. **Cancer Res** 1985 Jan;45(1):406-10

Suppression of natural killer and lymphocyte functions associated with carcinogen-induced premalignant hyperplastic nodules in rat liver. Leu RW, et al. **Cancer Res** 1985 Jul;45(7):3282-7

Depression of natural killer cytotoxic activity in lymphocytes infiltrating human pulmonary tumors. Moy PM, et al. **Cancer Res** 1985 Jan;45(1):57-60

Virus-mediated induction in human lymphocytes of antibody-independent cytotoxicity (VDCC) and enhancement of antibody-dependent cytotoxicity (ADCC) against natural killer-resistant tumor target cells. Alsheikhly AR, et al. **Cell Immunol** 1984 Oct 15; 88(2):511-20

Interferon enhances antibody-dependent cellular cytotoxicity when suboptimal concentrations of antibody are used. Basham TY, et al. **Cell Immunol** 1984 Oct 15;88(2):393-400

Characterization of murine decidual natural killer (NK) cells and their relevance to the success of pregnancy. Croy BA, et al. **Cell Immunol** 1985 Jul;93(2):315-26

Selective inhibition of natural killer activity by the monoclonal antibodies OKT10 and VEP10 at the single cell level. Golightly MG, et al. **Cell Immunol** 1984 Oct 15;88(2):382-92

Interferon-gamma is a strong modulator of NK susceptibility and expression of beta 2-microglobulin but not of transferrin receptors of K562 cells. Grönberg A, et al. **Cell Immunol** 1985 Oct 1;95(1):195-202

Characterization of natural killer cells induced in the peritoneal exudates of mice infected with Listeria monocytogenes: a study of their tumor target specificity and their expression of murine differentiation antigens and human NK-associated antigens. Holmberg LA, et al. **Cell Immunol** 1984 Nov;89(1):151-68

Recombinant interleukin 2 rapidly augments human natural killer cell activity. Kabelitz D, et al. **Cell Immunol** 1985 Jun;93(1):38-45

Killer cells of feline leukemia virus- and feline sarcoma virus-infected transformed cells: the role of NK, ADCC, and in vitro generated cytotoxic cells. Kooistra LH, et al. **Cell Immunol** 1985 Sep;94(2):466-79

Inhibition of cell-mediated lympholysis by cloned and uncloned lines of natural killer cells and cytotoxic T lymphocytes with sugars and lectins. Kornbluth J, et al. **Cell Immunol** 1984 Oct 1;88(1):162-73

Segregation of the NK-sensitive phenotype in human x mouse somatic cell hybrids reveals separate genetic control of recognition and postrecognition determinants. Lauzon RJ, et al. **Cell Immunol** 1985 Aug;94(1):85-99

Comparison of murine lymphokine-activated killer cells, natural killer cells, and cytotoxic T lymphocytes. Merluzzi VJ. **Cell Immunol** 1985 Oct 1;95(1):95-104

In situ effector pathways of allograft destruction. 1. Generation of the 'cellular' effector response in the graft and the graft recipient. Nemlander A, et al. **Cell Immunol** 1984 Dec;89(2):409-19

Lymphokine-activated cell-associated antigen involved in broad-reactive killer cell-mediated cytotoxicity. Nishimura T, et al. **Cell Immunol** 1985 Aug;94(1):122-32

Changes in the host natural killer cell population in mice during tumor development. 2. The mechanism of suppression of NK activity. Parhar RS, et al. **Cell Immunol** 1985 Jul;93(2):265-79

Modulation of human natural killer cell activity by recombinant human interleukin 2. Shaw AR, et al. **Cell Immunol** 1985 Mar;91(1):193-200

In vitro generation of human activated lymphocyte killer cells. II. N-acetyl-D-galactosamine inhibits a distinct subpopulation of human activated lymphocyte killer cells generated in mixed lymphocyte culture. Werkmeister JA, et al. **Cell Immunol** 1985 May;92(2):338-49

Natural killer activity against cultured human neural tumor and fetal brain cells. Yates AJ, et al. **Cell Immunol** 1985 Feb;90(2):485-92

Natural-killer-cell activity in atopic dermatitis. Lever RS, et al. **Clin Allergy** 1984 Sep;14(5):483-90

Natural killer cell function in atopic dermatitis. Larsen FS, et al. **Clin Exp Dermatol** 1985 Mar;10(2):104-10

Immunoregulatory circuits in the acquired immune deficiency syndrome and related complex. Production of and response to interleukins 1 and 2, NK function and its enhancement by interleukin-2 and kinetics of the autologous mixed lymphocyte reaction. Alcocer-Varela J, et al. **Clin Exp Immunol** 1985 Apr;60(1):31-8

Deficient natural killer cell activity in alcoholic cirrhosis. Charpentier B, et al. **Clin Exp Immunol** 1984 Oct; 58(1):107-15

Relationship between intensity of infection and immunomodulation in human schistosomiasis. II. NK cell activity and in vitro lymphocyte proliferation. Feldmeier H, et al. **Clin Exp Immunol** 1985 May;60(2):234-40

In vitro production of different interferon types by cloned human NK cells. Nocera A, et al. **Clin Exp Immunol** 1985 May;60(2):274-84

Cells that mediate NK like cytotoxicity are present in the human delayed type hypersensitivity response. Tartof D, et al. **Clin Exp Immunol** 1984 Nov;58(2):462-9

Natural killer cell activity in asthma. Timonen T, et al. **Clin Exp Immunol** 1985 Jan;59(1):85-90

Deficient immune function of peripheral blood mononuclear cells from patients with Gardner syndrome. Warren RP, et al. **Clin Exp Immunol** 1985 Jun;60(3):525-31

The use of VEP13 monoclonal antibody for definition of natural killer cells: spontaneous killer cells directed against fresh human leukaemia cells carry the VEP13 antigen. Ziegler-Heitbrock HW, et al. **Clin Exp Immunol** 1984 Nov; 58(2):470-7

Relationship between large granular lymphocytes and NK-1.2+ cells from normal and poly(inosinic:cytidylic acid) (poly(I:C]-treated mice. Alberti S, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):81-94

Large granular lymphocytes from murine blood and intestinal epithelium: comparison of surface antigens, natural killer activity, and morphology. Alberti S, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):227-38

Evaluation of natural killer cell activity in patients with persistent generalized lymphadenopathy and acquired immunodeficiency syndrome. Creemers PC, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):141-50

Generation of natural killer cells and lymphokine-activated killer cells in human AB serum or fetal bovine serum. Imir T, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):289-96

Association of decreased T-cell-mediated natural cytotoxicity and interferon production in Down's syndrome. Nair MP, et al. **Clin Immunol Immunopathol**

1984 Dec;33(3):412-24

Natural killer (NK) cell activity in murine muscular dystrophy. II. Age-related tissue distribution and enhanced NK activity in the thymus of dystrophic mice. Semple JW, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):144-53

Immune responsiveness of monkeys exposed chronically to cigarette smoke. Sopori ML, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):338-44

Interleukin-2 restores the depressed allogeneic cell-mediated lympholysis and natural killer cell activity in patients with systemic lupus erythematosus. Tsokos GC, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):379-86

The host defense system in the human newborn: the role of interferon and the natural killer cell. Read SE, et al. **Clin Invest Med** 1984;7(4):259-62

Interleukin-2 and the regulation of natural killer activity in cultured cell populations. Brooks CG, et al. **Contemp Top Mol Immunol** 1985;10:63-92 (120 ref.)

T-lymphocyte and B-lymphocyte dichotomy in anuran amphibians: III. Assessment and identification of inducible killer T-lymphocytes (IKTL) and spontaneous killer T-lymphocytes (SKTL). Klempau AE, et al. **Dev Comp Immunol** 1984 Summer;8(3):649-61 (40 ref.)

Sera from diabetic pregnant women contain reduced titres of inhibiting factors on killer cell activity. Zuccarini O, et al. **Diabetologia** 1985 Feb;28(2):95-8

Specificity and phenotype of IL-2 expanded clones of human large granular lymphocytes. Allavena P, et al. **Diagn Immunol** 1983;1(3):162-7

Effect of low dosage of interferon on natural killer activity in patients with HBsAg-positive chronic active hepatitis. Matsumura N, et al. **Digestion** 1984;30(4):195-9

Rat natural killer cell and cytotoxic T cell lysis of H-2-negative murine embryonal carcinoma cells. Bell SM, et al. **Eur J Immunol** 1985 Jan;15(1):59-65

Interleukin 2 and interferon-gamma are not sufficient to induce natural killer-like activity in human T cell clones. López-Botet M, et al. **Eur J Immunol** 1984 Dec;14(12):1137-41

Murine intestinal intraepithelial lymphocytes I. Relationship of a novel Thy-1-,Lyt-1-,Lyt-2+, granulated subpopulation to natural killer cells and mast cells. Petit A, et al. **Eur J Immunol** 1985 Mar;15(3):211-5

The 'natural resistance' to bone marrow allografts in normal and athymic nude rats. Rapid cytotoxic reactions both in vivo and in vitro. Rolstad B, et al. **Eur J Immunol** 1984 Sep;14(9):793-9

Human clones with natural killer function can activate B cells and secrete B cell differentiation factors. Vyakarnam A, et al. **Eur J Immunol** 1985 Jun;15(6):606-10

Mechanism and regulation of natural cytotoxicity. Minireview on cancer research. Kimber I, et al. **Exp Cell Biol** 1985;53(2):69-84 (110 ref.)

Growth of tumor cells with different sensitivities for murine natural killer cells in young and adult athymic nude mice. Romijn JC. **Exp Cell Biol** 1985;53(1):24-31

Natural killer cell profile of two random-bred strains of athymic rats. Lotzová E, et al. **Exp Hematol** 1984 Sep;12(8):633-40

Natural killer lymphocytes in hairy cell leukemia: presence of phenotypically identifiable cells with defective functional activity. Smith BR, et al. **Exp Hematol** 1985 Mar;13(3):189-93

Natural killer-like activity in human cultured lymphoid cells propagated in the presence of interleukin-2: acquired resistance to prostaglandin E2- or dexamethasone-mediated suppression. Suzuki H, et al. **Experientia** 1985 May 15;41(5):667-9

Interleukin-1 restores the impaired cytotoxic T lymphocyte generation in beige mutant mouse. Okuno K, et al. **Gann** 1984 Sep;75(9):824-32

Human intestinal mucosal mononuclear cells exhibit lymphokine-activated killer cell activity. Fiocchi C, et al. **Gastroenterology** 1985 Mar;88(3):625-37

Abnormal natural killer cytotoxicity in primary biliary cirrhosis: evidence for a functional deficiency of cytolytic effector cells. James SP, et al. **Gastroenterology** 1985 Jul;89(1):165-71

Intraepithelial lymphocytes of human gut: isolation, characterisation and study of natural killer activity. Cerf-Bensussan N, et al. **Gut** 1985 Jan;26(1):81-8

Natural killer cell activity in patients with abnormalities of the uterine cervix. Neill W, et al. **Gynecol Obstet Invest** 1984;18(3):122-8

Immune status of leukemia patients. Kaneko Y, et al. **Hamatol Bluttransfus** 1985;29:200-3

Natural defense and chemical carcinogenesis. Witz IP, et al. **Hamatol Bluttransfus** 1985;29:492-8

Killer cells in leukemia. Ziegler-Heitbrock HW, et al. **Hamatol Bluttransfus** 1985;29:508-10

Monoclonal antibodies directed against HLA molecules affect the lytic and proliferative behavior of a cloned line of human natural killer cells. Kornbluth J, et al. **Hum Immunol** 1984 Dec;11(4):239-47

Establishment of monoclonal anti-Nk-1.1 antibody. Koo GC, et al. **Hybridoma** 1984 Fall;3(3):301-3

Relationship between natural killer (NK) cells and interferon (IFN) alpha-producing cells in human peripheral blood. Studies with a monoclonal antibody with specificity for human natural killer cells. Abb J, et al. **Immunobiology** 1984 Oct;167(4):359-64

Attempts to correlate interferon induction and activation of natural killer cells by Corynebacterium parvum. Chmielarczyk W, et al. **Immunobiology** 1985 May;169(4):403-11

Dissociation of natural killing and luminol-dependent chemiluminescence. Domzig W, et al. **Immunobiology** 1985 Mar;169(2):162-74

Infiltration density of HNK 1 positive cells in non-Hodgkin's lymphomas depends on histologic subtype: an in situ morphometric analysis. Gattringer C, et al. **Immunobiology** 1985 Apr;169(3):280-91

Induction of erythroid differentiation in K562 cells and natural killer cell-mediated lysis: distinct effects at the level of recognition and lysis in relation to target cell proliferation. Hagner G. **Immunobiology** 1984 Oct;167(4):389-97

Stimulatory effect of Propionibacterium granulosum KP-45, glucan and pyran copolymer on the activity of natural killer (NK) cells in murine lungs. Janiak M, et al. **Immunobiology** 1984 Oct;167(4):328-37

Modulation of natural killing by tumor promoters: the regulatory influence of adherent cells varies with the type of target cell. Kabelitz D. **Immunobiology** 1985 May;169(4):436-46

In vivo activation of murine natural killer cell functions by human recombinant DNA interleukin 2. Sayers T, et al. **Immunobiology** 1985 Apr;169(3):303-18

The cooperative effect of the satin and beige mutations in the suppression of NK and CTL activities in mice. McGarry RC, et al. **Immunogenetics** 1984;20(5):527-34

Effect of the inhibitory material from male genital tract on natural killing activities. Marcus ZH, et al. **Immunol Lett** 1985;10(1):1-5

Suppression of CTL responses in vitro by large granular T cells. Schaaf-Lafontaine N, et al. **Immunol Lett** 1984;8(4):201-6

A possible role for natural killer cells in providing protection against Plasmodium berghei in early stages of infection. Solomon JB, et al. **Immunol Lett** 1985;9(6):349-52

Induction of K562 lysis in autologous LGL and dense T cell cocultures. Tsukuda K, et al. **Immunol Lett** 1985;9(5):291-5

Phenotype of cytotoxic effector cells infiltrating a transplanted, chemically induced rat sarcoma. Ferry BL, et al. **Immunology** 1984 Oct;53(2):243-50

In vitro generated mast cells express natural cytotoxicity against tumour cells. Ghiara P, et al. **Immunology** 1985 Jun;55(2):317-24

Recognition specificities, development and possible biological function of natural killer cells in the mouse. II. Changes in NK recognition during ontogeny and ageing, and examination of role of environment in controlling the expressed recognition repertoire. Gorczynski RM, et al. **Immunology** 1984 Dec;53(4):731-43

The rapid rejection of allogeneic lymphocytes by a non-adaptive, cell-mediated mechanism (NK activity). Rolstad B, et al. **Immunology** 1985 Jan;54(1):127-38

Reversibility of lymphokine-induced NK-like activity in virus-specific cytotoxic T-lymphocyte clones. Ronchese F, et al. **Immunology** 1985 Feb;54(2):265-74

Cellular immune response in rnu/rnu rats. I. Lectin responsiveness and IL-2 production kinetics of natural cytotoxicity and spleen-cell surface marker expression. Sfaksi A, et al. **Immunology** 1985 Aug;55(4):655-62

Regulation of human natural killing by lysosomotropic and thiol-reactive agents. Shau H, et al. **Immunology** 1985 Aug;55(4):647-54

The role of the lysosome in natural killing: inhibition by lysosomotropic vital dyes. Shau H, et al. **Immunology** 1984 Dec 53(4):745-51

Natural killer (NK) cells and graft-versus-host disease (GVHD): no correlation between the NK cell levels and GVHD in the murine P----F1 model. Varkila K, et al. **Immunology** 1985 Jan;54(1):121-6

Activation of non-specific cytotoxic cells in Listeria-susceptible and -resistant mouse strains. Wood P, et al. **Immunology** 1985 Jan;54(1):113-9

The inhibitory effect of phenothiazines on NK-mediated cytolysis of tumor cells. Laing LP, et al. **Immunopharmacology** 1984 Aug;8(1):1-12

In vitro effects of natural killer cells against Paracoccidioides brasiliensis yeast phase. Jimenez BE, et al. **Infect Immun** 1984 Nov;46(2):552-8

Influence of acute-phase proteins on the activity of natural killer cells. Okumura Y, et al. **Inflammation** 1985 Jun;9(2):211-9

Inhibition of experimentally-induced murine metastases by recombinant alpha interferon: correlation between the modulatory effect of interferon treatment on natural killer cell activity and inhibition of metastases. Brunda MJ, et al. **Int J Cancer** 1984 Sep 15;34(3):421-6

Natural killer cell resistance in K-562 cell sublines. Foster JS, et al. **Int J Cancer** 1985 Mar 15;35(3):343-9

Natural killer cell activity in women at 'high risk' for breast cancer, with and without benign breast syndrome. Pross HF, et al. **Int J Cancer** 1984 Sep 15;34(3):303-8

Natural cytotoxicity of human blood monocytes and natural killer cells and their cytotoxic factors: discriminating effects of actinomycin D. Uchida A, et al. **Int J Cancer** 1985 May 15;35(5):691-9

Strong natural killer (NK) cell activity in bone marrow of myeloma patients: accelerated maturation of bone marrow NK cells and their interaction with other bone marrow cells. Uchida A, et al. **Int J Cancer** 1984 Sep 15;34(3):375-81

Effects of dietary technical pentachlorophenol exposure on T cell, macrophage and natural killer cell activity in C57Bl/6 mice. Kerkvliet NI, et al. **Int J Immunopharmacol** 1985;7(2):239-47

Bimodal effects of MVE-2 on cytotoxic activity of natural killer cell and macrophage tumoricidal activities. Piccoli M, et al. **Int J Immunopharmacol** 1984;6(6):569-76

The effect of lead and polychlorinated biphenyl exposure on rat natural killer cell cytotoxicity. Talcott PA, et al. **Int J Immunopharmacol** 1985;7(2):255-61

Vitamin C and immunity: influence of ascorbate on prostaglandin E2 synthesis and implications for natural killer cell activity. Siegel BV, et al. **Int J Vitam Nutr Res** 1984;54(4):339-42

Lysis of herpes simplex virus (HSV) infected targets. III. Effect of HSV on natural killer activity. Hendricks RL, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):201-7

Lysis of herpes simplex virus (HSV) infected targets. IV. HSV-induced change in the effector population. Hendricks RL, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):208-13

Effects of tumor status on the regulation of natural killer cell activity by tumor-associated fetal antigens. Hogan KT, et al. **J Biol Response Mod** 1985 Aug;4(4):353-7

Activation of peritoneal lymphocyte cytotoxicity in patients with ovarian cancer by intraperitoneal treatment with Corynebacterium parvum. Lichtenstein A, et al. **J Biol Response Mod** 1984 Aug;3(4):371-8

Differential effects of interferon-alpha 2 and interleukin-2 on natural killer cell activity in patients with acquired immune deficiency syndrome. Reddy MM, et al. **J Biol Response Mod** 1984 Aug;3(4):379-86

Induction by interferon-alpha of tumoricidal activity of adherent mononuclear cells from human blood: monocytes as responder and effector cells. Sone S, et al. **J Biol Response Mod** 1985 Apr;4(2):134-40

The effect of 6-mercaptopurine on natural killer-cell activities in Crohn's disease. Brogan M, et al. **J Clin Immunol** 1985 May;5(3):204-11

Immunological consequence of renal transplantation and immunosuppression. I. Alterations in human natural killer-cell activity. Waltzer WC, et al. **J Clin Immunol** 1985 Mar;5(2):78-83

Low doses of interferon alpha result in more effective clinical natural killer cell activation. Edwards BS, et al. **J Clin Invest** 1985 Jun;75(6):1908-13

Generation of monoclonal antibodies to a human natural killer clone. Characterization of two natural killer-associated antigens, NKH1A and NKH2, expressed on subsets of large granular lymphocytes. Hercend T, et al. **J Clin Invest** 1985 Mar;75(3):932-43

Induction of cytolytic activity by anti-T3 monoclonal antibody. Activation of alloimmune memory cells and natural killer cells from normal and immunodeficient individuals. Suthanthiran M, et al. **J Clin Invest** 1984 Dec;74(6):2263-71

In vitro cytotoxicity and transplantation protection by autologous natural and activated killer cells against an in vitro transformed tumorigenic fibroblast line. A case study. Wilhelm SA, et al. **J Clin Invest** 1985 Apr;75(4):1162-8

Human peripheral blood monocytes are susceptible to interferon-activated natural killer cells. Einhorn S, et al. **J Clin Lab Immunol** 1985 Apr;16(4):197-9

Natural cytostatic cells have a broader range of antitumor activity than natural killer cells. Kato M, et al. **J Clin Lab Immunol** 1985 Jan;16(1):47-51

Natural killer cell function and modulation by alpha IFN and IL2 in AIDS patients and prodromal subjects. Lew F, et al. **J Clin Lab Immunol** 1984 Jul;14(3):115-21

In vitro generation of NK-like activity in human PBL co-cultured with fresh T leukaemia cells. Matera L, et al. **J Clin Lab Immunol** 1984 Oct;15(2):85-90

The expression of Leu M4 on human NK cells. Schlesinger M, et al. **J Clin Lab Immunol** 1985 Jan;16(1):13-6

Studies of natural killer cells in pregnancy. II. The immunoregulatory effect of pregnancy substances. Toder V, et al. **J Clin Lab Immunol** 1984 Jul;14(3):129-33

Studies of natural killer cells in pregnancy. I. Analysis at the single cell level. Toder V, et al. **J Clin Lab Immunol** 1984 Jul;14(3):123-7

The effect of specific and nonspecific immunotherapy on natural killer cell activity in patients with non-small-cell lung cancer. Maroun JA, et al. **J Clin Oncol** 1984 Nov;2(11):1209-14

Establishment of cell lines from human malignant melanomas and their application to the assessment of natural killer-like cytotoxicity. Kondo S, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):328-34

Adoptive transfer studies demonstrating the antiviral effect of natural killer cells in vivo. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):40-52

Natural killer-mediated lysis of normal and malignant target cells, and its regulation by monocytes. Oshimi K, et al. **J Exp Med** 1985 Aug 1;162(2):472-86

A model for the differentiation of human natural killer cells. Studies on the in vitro activation of Leu-11+ granular lymphocytes with a natural killer-sensitive tumor cell, K562. Phillips JH, et al. **J Exp Med** 1985 Jun 1;161(6):1464-82

Lack of gene rearrangement and mRNA expression of the beta chain of the T cell receptor in spontaneous rat large granular lymphocyte leukemia lines. Reynolds CW, et al. **J Exp Med** 1985 May 1;161(5):1249-54

The Thy-1-bearing cell of murine epidermis. A distinctive leukocyte perhaps related to natural killer cells. Romani N, et al. **J Exp Med** 1985 Jun 1;161(6):1368-83 (67 ref.)

Eradication of established human melanoma tumors in nude mice by antibody-directed effector cells. Schulz G, et al. **J Exp Med** 1985 Jun 1;161(6):1315-25

Dendritic cells that have interacted with antigen are targets for natural killer cells. Shah PD, et al. **J Exp Med** 1985 Aug 1;162(2):625-36

Response of resting human peripheral blood natural killer cells to interleukin 2. Trinchieri G, et al. **J Exp Med** 1984 Oct 1;160(4):1147-69

Bone marrow graft rejection as a function of antibody-directed natural killer cells. Warner JF, et al. **J Exp Med** 1985 Mar 1;161(3):563-76

Augmentation of organ-associated natural killer activity by biological response modifiers. Isolation and characterization of large granular lymphocytes from the liver. Wiltrout RH, et al. **J Exp Med** 1984 Nov 1; 160(5):1431-49

Injection of anti-thy-1.2 serum breaks genetic resistance of mice against herpes simplex virus. Chmielarczyk W, et al. **J Gen Virol** 1985 May;66 (Pt 5):1087-94

Specific effect of anti-transferrin antibodies on natural killer cells directed against tumor cells. Evidence for the transferrin receptor being one of the target structures recognized by NK cells. Alarcón B, et al. **J Immunol** 1985 Feb;134(2):1286-91

Mechanisms of diminished natural killer cell activity in pregnant women and neonates. Baley JE, et al. **J Immunol** 1985 May;134(5):3042-8

Direct evidence for the role of LGL in the inhibition of experimental tumor metastases. Barlozzari T, et al. **J Immunol** 1985 Apr;134(4):2783-9

2',5'-Oligoadenylate trimer core and the cordycepin analog augment the tumoricidal activity of human natural killer cells. Black PL, et al. **J Immunol** 1984 Nov;133(5):2773-7

Lysis of human cytomegalovirus infected fibroblasts by natural killer cells: demonstration of an interferon-independent component requiring expression of early viral proteins and characterization of effector cells. Borysiewicz LK, et al. **J Immunol** 1985 Apr; 134(4):2695-701

Natural killer activity in cloned cytotoxic T lymphocytes: regulation by interleukin 2, interferon, and specific antigen. Brooks CG, et al. **J Immunol** 1985 Aug;135(2):1145-52

Suppression of human NK cell cytotoxicity by an MLC-Generated cell population. D'Amore PJ, et al. **J Immunol** 1985 Jan;134(1):272-9

Natural killer (NK) cells are present in mice with severe combined immunodeficiency (scid). Dorshkind K, et al. **J Immunol** 1985 Jun;134(6):3798-801

Natural killer cell-mediated lysis involves an hydroxyl radical-dependent step. Duwe AK, et al. **J Immunol** 1985 Apr;134(4):2637-44

Human natural killer cells limit replication of herpes simplex virus type 1 in vitro. Fitzgerald PA, et al. **J Immunol** 1985 Apr;134(4):2666-72

Characterization of the natural killer-like lymphocytes in rheumatoid synovial fluid. Goto M, et al. **J Immunol** 1985 Mar;134(3):1483-6

In vivo significance of NK cell on resistance against virus (HSV-1) infections in mice. Habu S, et al. **J Immunol** 1984 Nov;133(5):2743-7

Down-regulation of human natural killer activity against tumors by the neutrophil myeloperoxidase system and hydrogen peroxide. El-Hag A, et al. **J Immunol** 1984 Dec; 133(6):3291-7

Natural killer cell-mediated cytotoxicity does not depend on recognition of mannose 6-phosphate residues. Haubeck HD, et al. **J Immunol** 1985 Jan;134(1):65-9

Evidence for a beta-adrenoceptor-mediated regulation of human natural killer cells. Hellstrand K, et al. **J Immunol** 1985 Jun;134(6):4095-9

The role of interleukin 1 (IL 1) in tumor-NK cell interactions: correction of defective NK cell activity in cancer patients by treating target cells with IL 1. Herman J, et al. **J Immunol** 1985 Oct;135(4):2882-6

Lymphokine-activated and natural killer cell activity in human intestinal mucosa. Hogan PG, et al. **J Immunol** 1985 Sep;135(3):1731-8

The effect of natural killer cells on the development of syngeneic hematopoietic progenitors. Holmberg LA, et al. **J Immunol** 1984 Dec;133(6):2933-9

Natural killing target antigens as inducers of interferon: studies with an immunoselected, natural killing-resistant human T lymphoblastoid cell line. Howell DN, et al. **J Immunol** 1985 Feb;134(2):971-6

Leu-11+ lymphocytes with natural killer (NK) activity are precursors of recombinant interleukin 2 (rIL 2)-induced activated killer (AK) cells. Itoh K, et al. **J Immunol** 1985 Feb;134(2):802-7

Augmentation of mouse natural killer cell activity by LS 2616, a new immunomodulator. Kalland T, et al. **J Immunol** 1985 Jun;134(6):3956-61

Genetic control of the natural killer cell activity in SJL and other strains of mice. Kaminsky SG, et al. **J Immunol** 1985 Jul;135(1):665-71

Defective natural killer cytotoxicity and polymorphonuclear leukocyte antibody-dependent cellular cytotoxicity in patients with LFA-1/OKM-1 deficiency. Kohl S, et al. **J Immunol** 1984 Dec;133(6):2972-8

Evidence for the role of class I and class II HLA antigens in the lytic function of a cloned line of human natural killer cells. Kornbluth J, et al. **J Immunol** 1985 Feb;134(2):728-35

Recombinant interleukin 2 enhanced natural killer cell-mediated cytotoxicity in human lymphocyte subpopulations expressing the Leu 7 and Leu 11 antigens. Lanier LL, et al. **J Immunol** 1985 Feb;134(2):794-801

Two-color immunofluorescence and flow cytometry analysis of lymphocytes in long-term renal allotransplant recipients: identification of a major Leu-7+/Leu-3+ subpopulation. Legendre CM, et al. **J Immunol** 1985 Aug;135(2):1061-6

Induction of proliferation in vitro of resting human natural killer cells: expression of surface activation antigens. London L, et al. **J Immunol** 1985 Feb;134(2):718-27

Human epidermal cells and squamous carcinoma cells synthesize a cytokine that augments natural killer cell activity. Luger TA, et al. **J Immunol** 1985 Apr; 134(4):2477-83

Human neuroblastoma cell lines are susceptible to lysis by natural killer cells but not by cytotoxic T lymphocytes. Main EK, et al. **J Immunol** 1985 Jul;135(1):242-6

A target structure for a series of human cloned natural killer cell lines is recognized by both anti-TNKtar and 4F2 monoclonal antibodies. Moingeon P, et al. **J Immunol** 1985 May;134(5):2930-4

Common precursor pool marker for allospecific (CTL) and nonspecific (NK and activated) cytotoxic cells in the bone marrow. Nieminen P, et al. **J Immunol** 1985 Feb; 134(2):699-703

Tumor-activated NK cells trigger monocyte oxidative metabolism. Pohajdak B, et al. **J Immunol** 1984 Nov; 133(5):2430-6

An oligosaccharide biosynthetic defect in concanavalin A-resistant Chinese hamster ovary (CHO) cells that enhances NK reactivity in vitro and in vivo. Pohajdak B, et al. **J Immunol** 1984 Nov;133(5):2423-9

The effects of vasoactive intestinal peptide on human natural killer cell function. Rola-Pleszczynski M, et al. **J Immunol** 1985 Oct;135(4):2569-73

Interleukin 2 enhances the natural killer cell activity of acquired immunodeficiency syndrome patients through a gamma-interferon-independent mechanism. Rook AH, et al. **J Immunol** 1985 Mar;134(3):1503-7

Changes in number and density of large granular lymphocytes upon in vivo augmentation of mouse natural killer activity. Santoni A, et al. **J Immunol** 1985 Apr; 134(4):2799-810

The role of interleukin 2 and T11 E rosette antigen in activation and proliferation of human NK clones. Schmidt RE, et al. **J Immunol** 1985 Jul;135(1):672-8

Functional characterization of LFA-1 antigens in the interaction of human NK clones and target cells. Schmidt RE, et al. **J Immunol** 1985 Aug;135(2):1020-5

Human natural killer cytotoxic factor (NKCF): role of IFN-alpha. Steinhauer EH, et al. **J Immunol** 1985 Jul; 135(1):294-9

Natural killer cells vs cytotoxic T cells in the peripheral blood of virus-infected mice. Stitz L, et al. **J Immunol** 1985 Jan; 134(1):598-602

Suppression of alloimmune cytotoxic T lymphocyte (CTL) generation by depletion of NK cells and restoration by interferon and/or interleukin 2. Suzuki R, et al. **J Immunol** 1985 Apr;134(4):2139-48

Augmentation of NK cell activity in tissue specific sites by liposomes incorporating MTP-PE. Talmadge JE, et al. **J Immunol** 1985 Aug;135(2):1477-83

Hyporesponsiveness to augmentation of murine natural killer cell activity in different anatomical compartments by multiple injections of various immunomodulators including recombinant interferons and interleukin 2. Talmadge JE, et al. **J Immunol** 1985 Oct;135(4):2483-91

Is the NK lytic process involved in the mechanism of NK suppression of antibody-producing cells? Targan S, et al. **J Immunol** 1985 Feb;134(2):666-9

Stimulation of a cell-mediated cytotoxic response to FeLV-induced T cell lymphomas in the cat. Tompkins MB, et al. **J Immunol** 1985 Oct;135(4):2817-23

Differential effects of recombinant human interferon-gamma and interleukin 2 on natural killer cell activity of peripheral blood in early human development. Ueno Y, et al. **J Immunol** 1985 Jul;135(1):180-4

A large subpopulation of lymphocytes with T helper phenotype (Leu-3/T4+) exhibits the property of binding to NK cell targets and granular lymphocyte morphology. Velardi A, et al. **J Immunol** 1985 Jan;134(1):58-64

Role of organ-associated NK cells in decreased formation of experimental metastases in lung and liver. Wiltrout RH, et al. **J Immunol** 1985 Jun;134(6):4267-75

Studies on the mechanism of natural killer cell-mediated cytotoxicity. V. Lack of NK specificity at the level of induction of natural killer cytotoxic factors in cultures of human, murine, or rat effector cells stimulated with mycoplasma-free cell lines. Wright SC, et al. **J Immunol** 1984 Dec;133(6):3415-23

Generation of natural killer cell lines from murine long-term bone marrow cultures. Yung YP, et al. **J Immunol** 1985 Mar;134(3):1462-8

The analysis of measurements of murine natural killer cell activity. Yron I, et al. **J Immunol Methods** 1985 May 10; 79(1):109-21

In vivo activation of macrophages but not natural killer cells by picolinic acid (PLA). Ruffmann R, et al. **J Immunopharmacol** 1984;6(4):291-304

Natural killer cell activity in infants and children excreting cytomegalovirus. Harrison CJ, et al. **J Infect Dis** 1985 Feb; 151(2):301-7

Blocking of influenza virus-induced cell-mediated cytotoxicity by hemagglutinin-specific monoclonal antibody. Justewicz DM, et al. **J Infect Dis** 1984 Sep; 150(3):348-57

Deficient, HLA-restricted, cytomegalovirus-specific cytotoxic T cells and natural killer cells in patients with the acquired immunodeficiency syndrome. Rook AH, et al. **J Infect Dis** 1985 Sep;152(3):627-30

Immunity to herpes simplex virus: virus reactivation modulates lymphokine activity. Sheridan JF, et al. **J Infect Dis** 1985 Sep;152(3):449-56

Impaired cell-mediated immunity in hemophilia. II. Persistence of subclinical immunodeficiency and enhancement of natural killer activity by lymphokines. Lederman MM, et al. **J Lab Clin Med** 1985 Aug; 106(2):197-204

Decreased natural killer cell activity in patients with zinc deficiency with sickle cell disease. Tapazoglou E, et al. **J Lab Clin Med** 1985 Jan;105(1):19-22

The effect of microbial flora, diet, and age on the tumoricidal activity of natural killer cells. Bartizal KF, et al. **J Leukocyte Biol** 1984 Dec;36(6):739-50

Natural antitumor defense system of the murine liver. Cohen SA, et al. **J Leukocyte Biol** 1985 May;37(5):559-69

T cell-dependent and -independent stimulation of hamster spleen NK-like cells with concanavalin A. Stewart JA, et al. **J Leukocyte Biol** 1985 Jan;37(1):75-86

Relationships of prostaglandin levels and natural killer (NK) cell cytotoxicity of mononuclear cells in cord blood. Ching CY, et al. **J Med** 1984;15(3):233-6

Natural killing (NK) of cytomegalovirus (CMV)-infected fibroblasts: a comparison between two strains of CMV, uninfected fibroblasts, and K562 cells. Waner JL, et al. **J Med Virol** 1985 Jul;16(3):233-44

Human monoclonal anti-MAG antibody and anti-Leu 7 recognise shared antigenic determinants in peripheral nerve and spinal cord. Stoll G, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):635-8

Resistance to natural killer cytolysis and neutral glycolipid composition of cultured human glioma and fetal brain cells. Yates AJ, et al. **J Neuropathol Exp Neurol** 1985 Jul; 44(4):371-83

Enhanced pulmonary natural killer cell activity during murine encephalitozoonosis. Niederkorn JY. **J Parasitol** 1985 Feb;71(1):70-4

Human antibody-dependent cellular cytotoxicity and natural killer cytotoxicity in periodontal disease. A preliminary report. Tsoumis GS, et al. **J Periodont Res** 1985 Mar; 20(2):122-30

Changes in NK cell activity during the estrous cycle and pregnancy in mice. Furukawa K, et al. **J Reprod Immunol** 1984 Dec;6(6):353-63

Influence of menstrual cycle variations on natural killer cytotoxicity and antibody-dependent cellular cytotoxicity to cells infected with herpes simplex virus. Gonik B, et al. **J Reprod Med** 1985 Jun;30(6):493-6

Influence of naproxen therapy on natural killer cytotoxicity and antibody-dependent cellular cytotoxicity against cells infected with herpes simplex virus. Gonik B, et al. **J Reprod Med** 1984 Oct;29(10):722-6

Enhancement of mouse natural killer cell activity after dearterialization of experimental renal tumors. Johnson G, et al. **J Urol** 1984 Dec;132(6):1250-3

Functional properties of natural killer cells in carcinoma of the prostate. Wirth M, et al. **J Urol** 1985 Jun;133(6):973-8

Pathogenesis of murine cytomegalovirus infection in natural killer cell-depleted mice. Bukowski JF, et al. **J Virol** 1984 Oct;52(1):119-28

Lysis of dengue virus-infected cells by natural cell-mediated cytotoxicity and antibody-dependent cell-mediated cytotoxicity. Kurane I, et al. **J Virol** 1984 Oct;52(1):223-30

Comparison between murine natural antibodies and natural killer cells: recognition of separate target structures as revealed by differential in vitro expression and dependence on glycosylation. Grönberg A, et al. **JNCI** 1985 Jan; 74(1):67-75

Murine in vitro antigenic modification of tumor cells: effect on susceptibility to natural cell-mediated cytotoxicity. Langweiler M, et al. **JNCI** 1985 Mar;74(3):699-704

Natural killer inhibitory substance produced by the peritoneal cells of patients with ovarian cancer. Lichtenstein AK, et al. **JNCI** 1985 Feb;74(2):349-55

Natural killer cell activity and autologous tumor killing activity in cancer patients: overlapping involvement of effector cells as determined in two-target conjugate cytotoxicity assay. Uchida A, et al. **JNCI** 1984 Nov; 73(5):1093-100

Heterogeneity of human natural killer cells. Zagury D, et al. **JNCI** 1985 Mar;74(3):553-62

The different effects of recombinant human interferon-gamma and recombinant human interferon-beta on the activation of natural killer cells. Okabe M, et al. **Jpn J Cancer Res** 1985 Jul;76(7):608-17

Natural killer activity of pediatric patients with acute lymphoblastic leukemia in remission. Inada M, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):335-45

Role of natural killer (NK) cells and interferon in self-defense mechanisms. Kumagai K. **Jpn J Med** 1985 May;24(2):183-6 (26 ref.)

The effect of surgery on natural killer cell activity in head and neck cancer patients: in vitro reversal of a postoperatively suppressed immunosurveillance system. Schantz SP, et al. **Laryngoscope** 1985 May;95(5):588-94

Decline of natural cytotoxicity of human lymphocytes following infection with human T-cell leukemia/lymphoma virus (HTLV). De Vecchis L, et al. **Leuk Res** 1985;9(3):349-55

Immunomodulation of NK and ADCC by Corynebacterium parvum in acute myeloid leukaemia patients. Hokland P, et al. **Leuk Res** 1985;9(1):175-84

T lymphoblastic lymphoma with LEU-7 positive phenotype and unusual clinical course: a multiparameter study. Swerdlow SH, et al. **Leuk Res** 1985;9(1):167-73

Modulation of interferon-induced NK cells by interleukin 2 and cAMP. Chun M, et al. **Lymphokine Res** 1982; 1(4):91-8

Age-dependent decline of natural killer and antibody-dependent cell mediated cytotoxicity activity of human lymphocytes is connected with decrease of their acid phosphatase activity. Myśliwska J, et al. **Mech Ageing Dev** 1985 Jun;31(1):1-11

Elevated natural killer (NK) cell activity: a possible role in resistance to infection and malignancy in immunodeficient splenectomized patients. Ferrante A, et al. **Med Hypotheses** 1985 Feb;16(2):133-46

Natural killer cells. Kimber I. **Med Lab Sci** 1985 Jan; 42(1):60-77 (253 ref.)

Dichloromethylene diphosphonate (Cl2MDP) reduces natural killer (NK) cell activity in mice. Labat ML, et al. **Metab Bone Dis Relat Res** 1984;5(6):281-7

A monoclonal antibody (RH1-38) which inhibits multiple systems of cell-mediated cytotoxicity--I. Identification of a novel epitope on a killer cell surface bimolecular complex important in the cytotoxic response. Hall RE. **Mol Immunol** 1985 Jul;22(7):757-64

A monoclonal antibody (RH1-38) which inhibits multiple systems of cell-mediated cytotoxicity--II. Evidence that the epitope recognized is involved in a late step in the cytolytic mechanism. Hall RE, et al. **Mol Immunol** 1985 Jul;22(7):765-73

Age-related development of human natural killer cell activity [letter] Noble RL, et al. **N Engl J Med** 1985 Sep 5; 313(10):641-2

Human natural killer cytotoxic factor. Studies on its production, specificity, and mechanism of interaction with target cells. Blanca I, et al. **Nat Immun Cell Growth Regul** 1985;4(1):48-59

Natural cytotoxicity: recent progress and continuing controversy. Callewaert DM. **Nat Immun Cell Growth Regul** 1985;4(2):61-77

Natural killer cells inhibit outgrowth of autologous Epstein-Barr virus-infected B lymphocytes. Kaplan J, et al. **Nat Immun Cell Growth Regul** 1985;4(1):40-7

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. I. Role of HLA-DR antigens as stimulatory molecules. Matera L, et al. **Nat Immun Cell Growth Regul** 1985;4(2):90-102

Lysis of fresh leukemic blasts by interferon-activated human natural killer cells. Pattengale PK, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):165-80

Correlation of biophysical properties and cell surface antigenic profile of Percoll gradient-separated human natural killer cells. Phillips JH, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):73-86

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. II. Correlation between expression of HLA-DR antigens on the activated T cells and their cytotoxic capability. Santoli D, et al. **Nat Immun Cell Growth Regul** 1985;4(2):103-12

Mechanism of inhibition of natural killing by a glycopeptide isolated from the K562 plasma membrane. Targan S, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):113-23

Lack of spontaneous and inducible natural killer cell activity in human bone marrow: presence of adherent suppressor cells. Uchida A. **Nat Immun Cell Growth Regul** 1983-84; 3(4):181-92

Expression of asialo GM1 and other antigens and glycolipids on natural killer cells and spleen leukocytes in virus-infected mice. Yang H, et al. **Nat Immun Cell Growth Regul** 1985;4(1):21-39

Abrogation of resistance to bone marrow transplantation by induction of specific tolerance in natural killer cells? Waterfall M, et al. **Nature** 1984 Oct 18-24;311(5987):663-5

Distinction between T gamma lymphocytosis and other T-cell proliferations with monoclonal antibodies against T-cell and natural killer (NK) cell subsets. Van de Griend RJ, et al. **Neth J Med** 1985;28(3):96-101

Enkephalins and endorphins: activation molecules for the immune system and natural killer activity? Wybran J. **Neuropeptides** 1985 Feb;5(4-6):371-4

Suppression of natural killer activity by ascitic fluid from patients with gastrointestinal cancer. Fujimoto S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):789-95

Chronic large granular lymphocytosis with high NK activity and ADCC. Shimamoto Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):108-17

Leukocyte adherence inhibition, natural killer cell activity, gamma-interferon production capacity and phytohemagglutinin response in patients treated with recombinant leukocyte A interferon. Tank B, et al. **Oncology** 1985;42(3):157-63

Lack of lymphocyte-induced DNA fragmentation in human targets during lysis represents a species-specific difference between human and murine cells. Christiaansen JE, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4482-5

Natural killer cell recognition of target cells expressing different antigens of vesicular stomatitis virus. Moller JR, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2456-9

Modulation of murine natural killer cells by Cryptococcus neoformans. Bartizal KF Jr, et al. **Prog Clin Biol Res** 1985; 181:333-6

Effect of biological response modifier-streptococcal preparation OK-432 on NK/K cell system of gnotobiotic miniature swine. Kim YB. **Prog Clin Biol Res** 1985; 181:337-41

Effect of recombinant human interferons on NK and K cell activities of gnotobiotic miniature swine. Kim YB, et al. **Prog Clin Biol Res** 1985;181:329-32

Natural killer cell activity in germfree and conventional rats. Tazume S, et al. **Prog Clin Biol Res** 1985;181:343-5

Influence of antigen-free diet, microbial flora and host strain on natural killer cytotoxic activity in mice. Tazume S, et al. **Prog Clin Biol Res** 1985;181:347-9

Effects of diethylstilbestrol and estramustine phosphate (estracyt) on natural killer cell activity and tumor susceptibility in male mice. Kalland T, et al. **Prostate** 1984; 5(6):649-60

Life change stress, psychiatric symptoms, and natural killer cell activity. Locke SE, et al. **Psychosom Med** 1984 Sep-Oct;46(5):441-53

Natural cytotoxicity detected in swine using Aujeszky's disease virus infected targets. Martin S, et al. **Res Vet Sci** 1984 Sep;37(2):211-8

Depressed NK cell activity of peripheral blood mononuclear cells in untreated hodgkin's disease: enhancing effect of interferon in vitro. Levy S, et al. **Scand J Haematol** 1984 Oct;33(4):386-90

Mumps virus-induced enhancement of the in vitro cytotoxicity of cord blood lymphocytes. Alsheikhly AR, et al. **Scand J Immunol** 1985 Apr;21(4):321-8

Natural cytotoxicity of human lymphocytes against equine target cells in vitro. Broström H, et al. **Scand J Immunol** 1985 Mar;21(3):245-54

Naturally cytotoxic tonsillar leukocytes: phenotypic characterization of the effector population. Christmas SE, et al. **Scand J Immunol** 1985 Jul;22(1):61-71

Modulation of natural killer cell activity in the rheumatoid joint and peripheral blood. Combe B, et al. **Scand J Immunol** 1984 Dec;20(6):551-8

Immune characteristics of the beige-nude mouse. A model for studying immune surveillance. Fodstad O, et al. **Scand J Immunol** 1984 Sep;20(3):267-72

Highly increased natural killer cell number and lytic activity in the murine peripheral blood and lungs after interferon induction in vivo. Hurme M, et al. **Scand J Immunol** 1984 Oct;20(4):371-6

Natural killer (NK) cell activity of peripheral blood lymphocytes from patients with Bechterew's syndrome (ankylosing spondylitis). Vinje O, et al. **Scand J Rheumatol** 1984;13(4):297-302

Mechanism of cell-mediated cytolysis by natural killer cells. Dennert G. **Surv Synth Pathol Res** 1985;4(1):69-83 (42 ref.)

Role of natural killer cells in virus infections of mice. Welsh RM, et al. **Surv Synth Pathol Res** 1984;3(5):409-31 (119 ref.)

Is the leukocyte group-5a antigen associated with reduced NK cell function? Warren RP, et al. **Tissue Antigens** 1985 Feb;25(2):107-10

Role of natural killer cells against tumor growth in nude mice--a brief review. Habu S, et al. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):465-8

Genetic control of in vitro NK-activity and in vivo resistance to tumors. Kärre K, et al. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):429-48

The NK function elucidated with respect to effector cells, target cells and other immunological in vitro tests. Kristensen E. **Tokai J Exp Clin Med** 1983 Dec; 8(5-6):449-53

Depressed natural killer function in transplant recipients: an analysis. Dupont E, et al. **Transplant Proc** 1984 Dec; 16(6):1506-8

Azathioprine suppression of natural killer activity and antibody-dependent cellular cytotoxicity in renal transplant recipients. Prince HE, et al. **Transplant Proc** 1984 Dec; 16(6):1475-7

Enhancement of natural killer cell activity by interferon and interleukin-2 in human large granular lymphocytes inhibited by cyclosporine. Ramsey KM, et al. **Transplant Proc** 1984 Dec;16(6):1628-31

Natural killer activity in renal allograft recipients and response to interferon. Rigby RJ, et al. **Transplant Proc** 1985 Apr;17(2):1682-4

Natural killer activity after renal transplantation. Waltzer WC, et al. **Transplant Proc** 1984 Dec;16(6):1527-9

Increase of natural killer cells in rejecting kidney grafts. Weber B, et al. **Transplant Proc** 1984 Oct;16(5):1177-8

HNK-1+ (Leu-7) and other lymphocyte subsets in long-term survivors with renal allotransplants. Fregona I, et al. **Transplantation** 1985 Jan;39(1):25-9

Natural immunity and graft-vs-host disease. Gratama JW, et al. **Transplantation** 1985 Sep;40(3):256-60

Decreased circulating large granular lymphocytes associated with depressed natural killer cell activity in renal transplant recipients. Ramsey KM, et al. **Transplantation** 1984 Oct; 38(4):351-6

Characterization of effector cells mediating the augmentation of spontaneous cell-mediated cytotoxicity induced by therapeutic infarction of human renal carcinomas. Johnson G, et al. **Urol Int** 1984;39(4):236-40

Natural killer cell activity in patients with prostatic carcinoma and its in vivo boosting with bacillus Calmette-Guérin. Schwemmer B, et al. **Urol Int** 1984; 39(6):321-6

Cell surface markers of the canine natural killer (NK) cell Ringler SS, et al. **Vet Immunol Immunopathol** 1985 May; 9(1):1-11

[Immunologic inhibitory factor in nasopharyngeal cancer (NPC)--effect of the NPC immunologic inhibitory factor on natural killer (NK) cell function] Cai TY. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):12-4 (Eng. Abstr.) **(Chi**

[Natural killers--NK cells--in the fetus and neonate] Miler I. **Cesk Pediatr** 1985 Jun;40(6):350-1 (Eng. Abstr.) **(Cze**

[Nonspecific killer cells in premature and mature neonate and infants] Metz O, et al. **Folia Haematol (Leipz)** 1984 111(5):581-8 (Eng. Abstr.) **(Ger**

[NK and K cell activity in children with leukemias and aplastic anemias before and after allogeneic bone marrow transplantation] Thränhardt H, et al. **Folia Haematol (Leipz)** 1985;112(2):285-92 (Eng. Abstr. **(Ger**

[Activity of natural killer (NK) cells and their stimulatio in patients with hypernephroma] Hofmann R, et al. **Helv Chir Acta** 1984 Oct;51(3-4):411-5 (Eng. Abstr.) **(Ger**

[Circulating immune complexes and NK activity in systemi lupus erythematosus] Haas H, et al. **Immun Infekt** 198 Apr;12(2):109-10 (Eng. Abstr.) **(Ger**

[Circulating K and NK cells in malignant melanoma usin monoclonal antibodies] Graul A, et al. **Z Hautkr** 1985 Fe 15;60(4):338-47 (Eng. Abstr.) **(Ger**

[Cytotoxic activity of large granular lymphocytes (LGL infiltrated into metastatic tumors of lung cancer] Aoyag Y, et al. **Gan No Rinsho** 1984 Aug;30(10):1241-6 (Eng Abstr.) **(Jpn**

[Effect of human recombinant beta-interferon on natura killer activity of peripheral lymphocytes in cancer patients Beika T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):362- (Eng. Abstr.) **(Jpn**

[Non-specific killer cells in tumor immune response Kumagai K. **Gan To Kagaku Ryoho** 1985 Mar;12(3 P 2):726-33 (Eng. Abstr.) **(Jpn**

[Antitumor activities in the aspects of evolution an development] Muramatsu S. **Gan To Kagaku Ryoho** 198 Mar;12(3 Pt 2):720-5 (Eng. Abstr.) **(Jpn**

[Antitumor effect of human interferon-alpha A/D in mic (II). Activation of natural killer cells and suppression metastasis] Yokoyama T, et al. **Gan To Kagaku Ryoho** 198 Mar;12(3 Pt 1):510-5 (Eng. Abstr.) **(Jpn**

[Experimental studies and clinical investigations on natur killer (NK) activity--NK activity in tumor bearing nuc mice and in patients with cancer of digestive organ Maenohara S. **Igaku Kenkyu** 1984 Apr;54(3):301-16 (En Abstr.) **(Jp**

[Studies of reciprocal relation between NK cell activities a interferons in asbestosis] Kubota M, et al. **Nippon Eiseigaku Zasshi** 1984 Aug;39(3):633-9 (En Abstr.) **(Jp**

[Experimental study of oral administration of streptococc preparation 'OK-432'. The third report: its enhanci effects on natural killer activity and lymphoproliferati response to mitogens of mouse mesenteric lymph noc Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 M 20;19(4):803-10 (Eng. Abstr.) **(J**

[NK activity in various skin diseases] Hattori A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):945-7 **(J**

[Studies on human natural killer (NK) cell activity agai cell lines derived from malignant urinary tract tumors. F 3: Effects of OK432 on human NK cell activity a proliferation of tumor cells] Hayakawa M, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jul;75(7):1124- (Eng. Abstr.) **(J**

[Natural killer activity in primary glomerular disea Yamada H, et al. **Nippon Jinzo Gakkai Shi** 1984 N 26(11):1539-47 (Eng. Abstr.) **(J**

[Research on the immune status in patients with cl hemopathy] Aoyagi Y. **Nippon Ketsueki Gakkai Za** 1985 May;48(3):811-22 (Eng. Abstr.) **(J**

[Thymic humoral factor produced by a thymic epith culture] Mizuno Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):17 (Eng. Abstr.)

[NK cell activity in asbestosis] Yoneda T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 M 22(5):395-400 (Eng. Abstr.)

[Symposium on mechanisms of host defense fundamental and clinical medicine. 2. Role of natural (NK) cells and interferon in self-defense mechani Kumagai K. **Nippon Naika Gakkai Zasshi** 1984 73(12):1747-51 (21 ref.) (Eng. Abstr.)

[Effects of Staphylococcus aureus Cowan I strain or natural killer (NK) activity and interferon inductic mouse spleen cells in vitro] Lee B, et al. **Nippon Saikingaku Zasshi** 1984 Sep;39(5):817-9 (Eng. Abstr.) **(Jpn)**

[Significance of the granular lymphocyte (NK cells) count in the peripheral blood] Odajima H, et al. **Rinsho Byori** 1985 Jan;33(1):77-81 **(Jpn)**

[Subsets of human natural killer cells in neurological disorders] Tanaka M, et al. **Rinsho Shinkeigaku** 1985 Mar; 25(3):314-9 (Eng. Abstr.) **(Jpn)**

[Cytotoxic activity of lymphocytes in children with infectious mononucleosis] Konopka L, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):9-19 (Eng. Abstr.) **(Pol)**

[Interferon and natural cytotoxicity] Skurska Z. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):615-32 (84 ref.) (Eng. Abstr.) **(Pol)**

[Activity of natural killer cells and the rosette-forming function of peripheral blood lymphocytes in physiological pregnancy] Tsvetkov VV, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):14-6 (Eng. Abstr.) **(Rus)**

[Cytotoxic action of natural killer cells on human tumor cells] Avdeev GI, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):471-3 (Eng. Abstr.) **(Rus)**

[Characteristics of the NK cells in Syrian hamsters carrying tumors with varying metastatic and resistance-suppressing activity] Kliuchareva TE, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):732-4 (Eng. Abstr.) **(Rus)**

[Lectin-inducible cell cytotoxicity and the production of the cytotoxic factor of natural killer cells during immobilization stress in mice] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):51-3 (Eng. Abstr.) **(Rus)**

[Dynamics of the activity of the normal mouse spleen killers after partial splenectomy] Van'ko LV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):331-3 (Eng. Abstr.) **(Rus)**

[Block of NK cell activity by ICO-11 monoclonal antibodies] Baryshnikov AIu, et al. **Eksp Onkol** 1985;7(3):34-6 (Eng. Abstr.) **(Rus)**

[Activity of natural killers in monoclonal gammapathies] Pozdniakova '.V, et al. **Gematol Transfuziol** 1985 Jun; 30(6):26-9 (Eng. Abstr.) **(Rus)**

[New approach to assessing natural killer activity of human lymphocytes (analysis based on the principle of serial dilutions)] Saidov MZ, et al. **Lab Delo** 1984;(9):553-6 (Eng. Abstr.) **(Rus)**

[Natural cytotoxicity in Sjögren's syndrome] Aleksandrova EN, et al. **Ter Arkh** 1984;56(7):103-6 (Eng. Abstr.) **(Rus)**

[Functional activity of natural killer cells in patients with chronic liver diseases] Dzhalalova VA, et al. **Ter Arkh** 1985;57(2):74-7 (Eng. Abstr.) **(Rus)**

[Immunological and morphological properties of fibroblasts transformed in vitro. II. The change in the susceptibility of FC3H3 cells to lymphocytes--natural killers and macrophages during their selection for malignancy] Lavrovskii VA, et al. **Tsitologiia** 1984 Oct;26(10):1181-5 (Eng. Abstr.) **(Rus)**

[Sensitization of mouse splenocytes to normal tissue antigens and natural killer activity. I. The effect of immunization with normal syngeneic tissues] Malygin AM, et al. **Tsitologiia** 1985 Mar;27(3):352-5 (Eng. Abstr.) **(Rus)**

[Viral hepatitis and normal killers] Farber NA, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):431-3 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of stress-induced depression of normal killer activity in old and young animals and its elimination by interferon] Sukhikh GT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):93-6 (Eng. Abstr.) **(Rus)**

METABOLISM

The lipoxygenase pathway in the human NK cell system. Jondal M, et al. **Adv Exp Med Biol** 1985;184:257-70

Ultrastructural and biochemical characterization of glycosaminoglycans in HNK-1-positive large granular lymphocytes. Parmley RT, et al. **Blood** 1985 Jul;66(1):20-5

Defective interleukin-1 production by natural killer cells of patients with cancer. Herman J, et al. **Cancer Immunol Immunother** 1985;19(2):148-53

Characterization of corticosteroid receptors in natural killer cells: comparison with circulating lymphoid and myeloid cells. Katz P, et al. **Cell Immunol** 1985 Sep;94(2):347-52

Activation of rat and human alveolar macrophage intracellular microbicidal activity by a preformed LGL cytokine. Gomez J, et al. **J Immunol** 1985 Aug; 135(2):1194-200

Expression of a laminin-like substance on the surface of murine natural killer (NK) lymphocytes and its role in NK recognition of tumor target cells. Hiserodt JC, et al. **J Immunol** 1985 Aug;135(2):1484-7

Induction of interferon-gamma production by human natural killer cells stimulated by hydrogen peroxide. Munakata T, et al. **J Immunol** 1985 Apr;134(4):2449-55

Production of B cell growth factor by a Leu-7+, OKM1+ non-T cell with the features of large granular lymphocytes (LGL). Pistoia V, et al. **J Immunol** 1985 May; 134(5):3179-84

Effect of altered membrane fluidity on NK cell-mediated cytotoxicity. I. Selective inhibition of the recognition or post recognition events in the cytolytic pathway of NK cells. Roozemond RC, et al. **J Immunol** 1985 Apr; 134(4):2209-14

TCGF (IL 2)-receptor inducing factor(s). I. Regulation of IL 2 receptor on a natural killer-like cell line (YT cells). Yodoi J, et al. **J Immunol** 1985 Mar;134(3):1623-30

Impaired gamma interferon production by cells from patients with lymphoproliferative disorders of mature T and NK cells. Pandolfi F, et al. **Scand J Immunol** 1985 Apr; 21(4):315-20

PATHOLOGY

Morphological characterization of lymphoid cells conjugates with scattered tumor target cells in organ imprints of Yoshida ascites bearing rats. Roveta G, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2365-8

Chronic lymphocytosis due to the expansion of granular lymphocytes [letter] Pandolfi F, et al. **Br J Haematol** 1985 Aug;60(4):771-3

Origin and differentiation of natural killer cells. I. Characteristics of a transplantable NK cell precursor. Hackett J Jr, et al. **J Immunol** 1985 Jun;134(6):3731-8

PHYSIOLOGY

Role of the NK reaction in the diagnostics of liver and pancreas tumours. Karácsonyi S, et al. **Acta Chir Hung** 1985;26(1):51-8

Agents which decrease intracellular thymidine pools cause an augmentation in human natural killer activity in vitro. Matheson DS, et al. **Basic Life Sci** 1985;31:461-4

The role of natural killer cells in the control of tumor growth and metastasis. Hanna N. **Biochim Biophys Acta** 1985; 780(3):213-26 (110 ref.)

Natural killer cells in renal allograft rejection. Cooksey G, et al. **Br J Surg** 1984 Nov;71(11):874-7

Neoplastic cells as targets of spontaneously cytotoxic lymphocytes: studies with natural killer-like cell lines. Lagarde AE. **Cancer Metastasis Rev** 1984;3(2):143-69 (174 ref.)

The role of the thymus in the maintenance of natural killer cells in vivo. Flexman JP, et al. **Cell Immunol** 1985 Feb; 90(2):366-77

Effects of interleukin-1 (IL-1) and interleukin-2 (IL-2) on the in vivo growth and differentiation of progenitors of natural killer (NK) cells. Riccardi C, et al. **Chemioterapia** 1984 Dec;3(6):350-3

Natural killer cell activity after elective cesarean section under general and epidural anesthesia in healthy parturients and their newborns. Ryhänen P, et al. **Gynecol Obstet Invest** 1985;19(3):139-42

Inhibition of bone marrow colony formation by human natural killer cells and by natural killer cell-derived colony-inhibiting activity. Degliantoni G, et al. **J Exp Med** 1985 May 1;161(5):1152-68

Phorbol ester-induced lymphocyte adherence: selective action on NK cells. Argov S, et al. **J Immunol** 1985 Apr; 134(4):2215-22

In vitro migration of human large granular lymphocytes. Bottazzi B, et al. **J Immunol** 1985 Apr;134(4):2316-21

Natural killer cells kill human retinoblastoma cells. Ohashi Y, et al. **Jpn J Ophthalmol** 1984;28(4):370-6

Clonal expansion of human B73.1-positive natural killer cells or large granular lymphocytes exerting strong antibody-dependent and -independent cytotoxicity and occasionally lectin-dependent cytotoxicity. Bolhuis RL, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):61-72

No evidence for an association between natural killer cell activity and prognosis in melanoma patients. Hersey P, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):87-94

Peyer's patch lymphocytes express natural cytotoxicity but not natural killer activity. Tagliabue A, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):95-101

Gene rearrangement in cells with natural killer activity and expression of the beta-chain of the T-cell antigen receptor. Yanagi Y, et al. **Nature** 1985 Apr 18-24;314(6012):631-3

Regulation of cellular function by products of lysosomal enzyme activity: elimination of human natural killer cells by a dipeptide methyl ester generated from L-leucine methyl ester by monocytes or polymorphonuclear leukocytes. Thiele DL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2468-72

Endorphins, immune function, and cancer. Morley JE, et al. **Psychopharmacol Bull** 1985;21(3):485-8

[Natural killer lymphocytes. Their role in pathology] Tursz T. **Presse Med** 1985 Feb 2;14(4):219-23 (Eng. Abstr.) **(Fre)**

[Normal lymphocyte killers in the mechanism of the selective physiological recognition and destruction of old erythrocytes] Pukhova IaI, et al. **Dokl Akad Nauk SSSR** 1984;277(2):509-12 **(Rus)**

RADIATION EFFECTS

Polymorphic radiation sensitivity of human natural killer activity: possible role of DNA strand breakage. Schacter B, et al. **Hum Immunol** 1985 Sep;14(1):49-58

Mechanism of inhibition of human natural killer activity by ultraviolet radiation. Weitzen ML, et al. **J Immunol** 1984 Dec;133(6):3128-32

Effect of microwave irradiation (2450 MHz) on murine cytotoxic lymphocyte and natural killer (NK) cells. Deschaux P, et al. **J Microwave Power** 1984 Jun; 19(2):107-10

[NK activity in C57BL/Ka mice during the development of radiation-induced lymphomas] Noël A, et al. **C R Soc Biol (Paris)** 1985;179(2):271-5 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

The fine structure of HNK-1 (Leu7) positive cells. A study using an immunoperoxidase technique. Manara GC, et al. **Histochemistry** 1984;81(2):153-5

Immunoperoxidase-immunogold double labelling in immunoelectronmicroscopy of large granular lymphocytes. Manara GC, et al. **J Immunol Methods** 1984 Dec 14; 75(1):189-92

[Electron microscopy and cytochemistry studies of lymphocyte subpopulations in corticosteroid deficiency] Zak KP, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct; 30(5):78-82 (Eng. Abstr.) **(Rus)**

KILLIFISH see under **FISHES**

KIMURA DISEASE see **ANGIOLYMPHOID HYPERPLASIA WITH EOSINOPHILIA**

KINASES see **PHOSPHOTRANSFERASES, ATP**

KINDLING (NEUROLOGY)

Kindling: an animal model of complex partial epilepsy. McNamara JO. **Ann Neurol** 1984;16 Suppl:S72-6

Age-dependent deficits in spatial memory are related to impaired hippocampal kindling. de Toledo-Morrell L, et al. **Behav Neurosci** 1984 Oct;98(5):902-7

Hippocampal calcium-binding protein during commissural kindling-induced epileptogenesis: progressive decline and effects of anticonvulsants. Baimbridge KG, et al. **Brain Res** 1984 Dec 17;324(1):85-90

Hippocampal kindling: corticosterone modulation of induced seizures. Cottrell GA, et al. **Brain Res** 1984 Sep 10; 309(2):377-81

Locomotor behavior following kindling in three different brain sites. Ehlers CL, et al. **Brain Res** 1985 Feb 4; 326(1):71-9

The development of the interictal spike during kindling in the rat. Kairiss EW, et al. **Brain Res** 1984 Nov 19; 322(1):101-10

Evidence for impaired GABAergic activity in the substantia nigra of amygdaloid kindled rats. Löscher W, et al. **Brain Res** 1985 Jul 22;339(1):146-50

Beta-carboline kindling of the benzodiazepine receptor. Morin AM. **Brain Res** 1984 Oct 29;321(1):151-4

Reduced kainic acid binding in rat hippocampal formation after limbic kindling. Savage DD, et al. **Brain Res** 1984 Dec 3;323(1):128-31

Transfer between chemical and electrical kindling in the septal-hippocampal system. Wasterlain CG, et al. **Brain Res** 1985 Apr 8;331(2):261-6

Kindling in the amygdala and susceptibility to stress ulcers. Henke PG, et al. **Brain Res Bull** 1985 Jan;14(1):5-8

Levels of hippocampal calcium and zinc following kindling-induced epilepsy. Mody I, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):159-61

Limbic seizures, kindling, and psychosis: a link between neurobiology and clinical psychiatry. Rubin EH, et al. **Compr Ther** 1985 Jul;11(7):54-8

Sleep disruption with basal forebrain lesions decreases latency to amygdala kindling in cats. Shouse MN, et al. **Electroencephalogr Clin Neurophysiol** 1984 Oct; 58(4):369-77

Antiepileptic effects of thyrotropin-releasing hormone and its new derivative, DN-1417, examined in feline amygdaloid kindling preparation. Sato M, et al. **Epilepsia** 1984 Oct;25(5):537-44

Postictal seizure inhibition in amygdaloid-kindled cats. Sato M, et al. **Epilepsia** 1984 Oct;25(5):545-50

Hippocampal slices of kindled rats reveal calcium involvement in epileptogenesis. Wadman WJ, et al. **Exp Brain Res** 1985;57(2):404-7

Lateral entorhinal cortical kindling can be established without potentiation of the entorhinal-granule cell synapse. Giacchino JL, et al. **Exp Neurol** 1984 Dec;86(3):483-92

Implications of stimulus factors governing kindled seizure threshold. Handforth A. **Exp Neurol** 1984 Oct;86(1):33-9

Evaluation of different GABA receptor agonists in the kindled amygdala seizure model in rats. Löscher W, et al. **Exp Neurol** 1985 Aug;89(2):454-60

Modification of local neuronal interactions by amygdala kindling examined in vitro. McIntyre DC, et al. **Exp Neurol** 1985 Jun;88(3):529-37

Dorsal hippocampal kindling and transfer in split-brain rats. McIntyre DC, et al. **Exp Neurol** 1985 Jan;87(1):86-95

The effects of disconnection on two phases of kindled frontal-cingulate motor seizures. Madryga FJ, et al. **Exp Neurol** 1984 Nov;86(2):240-60

Suppression of amygdala-kindled seizure in cats by enhanced GABAergic transmission in the substantia innominata. Morita K, et al. **Exp Neurol** 1985 Jul;89(1):225-36

Amygdala kindling in totally cerebellectomized cats. Paz C, et al. **Exp Neurol** 1985 May;88(2):418-24

Thalamic kindling: electrical stimulation of the lateral geniculate nucleus produces photosensitive grand mal seizures. Shouse MN, et al. **Exp Neurol** 1984 Oct; 86(1):18-32

Lack of effect of entorhinal kindling on L-[3H]glutamic acid presynaptic uptake and postsynaptic binding in hippocampus. Slevin JT, et al. **Exp Neurol** 1985 Jul; 89(1):48-58

Interruption of cholinergic afferent pathways to the amygdala failed to alter electrical kindling. Walker JE, et al. **Exp Neurol** 1985 Jun;88(3):742-7

Amygdaloid kindling in Papio cynocephalus and subsequent recurrent spontaneous seizures. Corcoran ME, et al. **Folia Psychiatr Neurol Jpn** 1984;38(2):151-7

A study of somatostatin receptors in amygdaloid-kindled rat brain. Higuchi T, et al. **J Neurochem** 1984 Nov;43(5):1271-6

Benzodiazepine receptor binding following amygdala-kindled convulsions: differing results in washed and unwashed brain membranes. Niznik HB, et al. **J Neurochem** 1984 Dec;43(6):1732-6

Evidence implicating substantia nigra in regulation of kindled seizure threshold. McNamara JO, et al. **J Neurosci** 1984 Sep;4(9):2410-7

Knife cuts of entorhinal cortex: effects on development of amygdaloid kindling and seizure-induced decrease of muscarinic cholinergic receptors. Savage DD, et al. **J Neurosci** 1985 Feb;5(2):408-13

Hippocampal kindling in the rat: intrastructural differences. Lerner-Natoli M, et al. **J Neurosci Res** 1984;12(1):101-11

Suppression of kindling behavior. Gaito J. **J Psychol** 1984 Sep;118(1ST Half):113-25

Role of the amygdala in the hippocampal kindling effect of rats. Araki H, et al. **Jpn J Pharmacol** 1985 Feb;37(2):173-9

Amygdala kindled seizure stage is related to altered benzodiazepine binding site density. Tietz EI, et al. **Life Sci** 1985 Jan 14;36(2):183-90

Effects of carbamazepine and its epoxide metabolite on amygdala-kindled seizures in rats. Albright PS, et al. **Neurology (NY)** 1984 Oct;34(10):1383-6

The effect of amygdala-kindled seizures on the acquisition of taste and odor aversions. Mikulka PJ, et al. **Physiol Behav** 1984 Jun;32(6):967-72

Lateralized state-dependent learning produced by hippocampal kindled convulsions: effect of split-brain. Stokes KA, et al. **Physiol Behav** 1985 Feb;34(2):217-24

Number of synaptic vesicles in rat cortical synapses one hour after termination of a seizure during kindling. Langmeier M, et al. **Physiol Bohemoslov** 1985;34(1):19-24

Changes in some ultrastructural parameters of cortical synapses in the initial phases of kindling. Langmeier M, et al. **Physiol Bohemoslov** 1984;33(4):367-75

[Changes in benzodiazepine receptors in the limbic system following kindling of the olfactory bulb in rats] Ben Attia M, et al. **C R Soc Biol (Paris)** 1984;178(6):697-704 (Eng. Abstr.) **(Fre)**

[Epileptogenesis caused by the kindling effect in diving at 3 ATA of air] Vion Dury J, et al. **J Physiol (Paris)** 1985; 80(1):32-7 (Eng. Abstr.) **(Fre)**

[Changes of neurotransmitter levels in epilepsy, with special reference to kindling models] Sato M, et al. **Nippon Rinsho** 1984 Apr;42(4):880-4 **(Jpn)**

[Interactions between electrical and carbachol kindling in cats] Morimoto K. **Seishin Shinkeigaku Zasshi** 1984; 86(10):813-26 (Eng. Abstr.) **(Jpn)**

[Epilepsy and kindling effect] Sato M, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1826-37 (100 ref.) **(Jpn)**

[Antiepileptic effects of globulin-N as an intact human immunoglobulin and its tissue-distribution in kindled cats] Hirayama H, et al. **Yakubutsu Seishin Kodo** 1984 Sep; 4(2):163-79 (Eng. Abstr.) **(Jpn)**

[Participation of m- and n-cholinergic mechanisms in the development of the kindling phenomenon of the amygdala in cats] Losev NA, et al. **Biull Eksp Biol Med** 1985 May; 99(5):580-3 (Eng. Abstr.) **(Rus)**

[Effect of electrical stimulation in the kindling regimen on brain mediator systems in rats] Pozdeev VK, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):944-51 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effects of protein synthesis inhibitors on sleep and amygdala-kindled seizure thresholds in cats. Belsito O, et al. **Behav Neural Biol** 1984 Jul;41(2):209-16

Acute and chronic effects of the benzodiazepine receptor ligand FG 7142: proconvulsant properties and kindling. Little HJ, et al. **Br J Pharmacol** 1984 Dec;83(4):951-8

Facilitation of kindling in adult rats following neonatal exposure to lindane. Albertson TE, et al. **Brain Res** 1985 Jan;349(1-2):263-6

Epileptiform effects of met-enkephalin, beta-endorphin and morphine: kindling of generalized seizures and potentiation of epileptiform effects by handling. Cain DP, et al. **Brain Res** 1985 Jul 15;338(2):327-36

The effect of progesterone on kindling: a developmental study. Holmes GL, et al. **Brain Res** 1984 Sep;318(1):45-53

Relationship of endocrine function to inhibition of kindling. Holmes GL, et al. **Brain Res** 1984 Sep;318(1):55-9

Combined treatment with muscarinic and nicotinic cholinergic antagonists slows development of kindled seizures. Meyerhoff JL, et al. **Brain Res** 1985 Jul 29; 339(2):386-9

Anticonvulsant action of amino acid antagonists against kindled hippocampal seizures. Peterson DW, et al. **Brain Res** 1984 Oct 8;311(1):176-80

Cysteamine suppresses kindled seizures in pentylenetetrazol-kindled rats. Assouline G, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):649-52

Prenatal exposure to ethanol retards the development of kindling in adult rats. Savage DD, et al. **Exp Neurol** 1985 Sep;89(3):583-91

The effects of neurotoxicants on kindling and kindled seizures. Joy RM. **Fundam Appl Toxicol** 1985 Feb; 5(1):41-65 (137 ref.)

Anti-epileptic effects of TRH-T and DN-1417. Sato M, et al. **Kurume Med J** 1983;30 Suppl:S57-64

Differential mediation of the anticonvulsant effects of carbamazepine and diazepam. Weiss SR, et al. **Life Sci** 1985 Jun 24;36(25):2413-9

Chlorinated hydrocarbon pesticides and amygdaloid kindling. Albertson TE, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):233-7

The effect of a glycine derivative (CP 1552-S) on kindled seizures in rats. Albertson TE, et al. **Neuropharmacology** 1984 Aug;23(8):967-70

A pharmacological study in the kindling model of epilepsy. Albertson TE, et al. **Neuropharmacology** 1984 Oct; 23(10):1117-23

Changes in immunoreactive somatostatin in brain following lidocaine-induced kindling in rat. Higuchi T, et al. **Neuropharmacology** 1984 Nov;23(11):1311-4

Interaction between delta-9-tetrahydrocannabinol and kindling by electrical and chemical stimuli in mice. Karler R, et al. **Neuropharmacology** 1984 Nov;23(11):1315-20

Adenosine antagonists. Lack of effect on the inhibition of kindled seizures in rats by carbamazepine. Weiss SR, et al. **Neuropharmacology** 1985 Jul;24(7):635-8

Monoaminergic and local anesthetic components of cocaine's effects on kindled seizure expression. Russell RD, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):427-34

The behavioural depression of hippocampal kindled rats is attenuated by subcutaneous and intracerebroventricular naltrexone. Cottrell GA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):673-6

Differential effects of carbamazepine and lithium on sensitization and kindling. Post RM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):425-34

Lidocaine kindling is accompanied by an increase in apomorphine stereotypy and mesolimbic dopamine D2 receptor density. Csernansky JG, et al. **Psychopharmacol Bull** 1985;21(3):707-11

Lifetime lead intoxication: influence on the amygdaloid kindling model of epileptogenesis. Schwark WS, et al. **Toxicology** 1985 Jul;36(1):49-60

[The effect of a novel TRH analog (DN-1417) on postictal seizure inhibition in amygdaloid kindled cats] Ogawa T, et al. **No To Shinkei** 1984 Oct;36(10):951-5 (Eng. Abstr.) **(Jpn)**

[Characteristics of the electrical activity in hippocampal slices in mice with Corazol kindling] Buldakova SL, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):272-4 (Eng. Abstr.) **(Rus)**

[The hippocampus as the determinant structure generating epileptic activity during korazol kindling] Kryzhanovskii GN, et al. **Biull Eksp Biol Med** 1985 May;99(5):527-32 (Eng. Abstr.) **(Rus)**

KINESICS

Involvement of head movement in speech production and its implications for language pathology. Hadar U, et al. **Adv Neurol** 1984;42:247-61

Acquisition and retention of gestures by apraxic patients. Rothi LJ, et al. **Brain Cogn** 1984 Oct;3(4):426-37

Hand movement quality: a neglected aspect of nonverbal behavior in clinical judgment and person perception. Wallbott HG. **J Clin Psychol** 1985 May;41(3):345-59

Form and function in early communication: language and pointing gestures. Dobrich W, et al. **J Exp Child Psychol** 1984 Dec;38(3):475-90

Hand behaviors of women during childbirth. VanMuiswinkel J. **Matern Child Nurs J** 1984 Winter;13(4):iii-viii, 205-88

Gestural communication in deaf children: the effects and noneffects of parental input on early language development. Goldin-Meadow S, et al. **Monogr Soc Res Child Dev** 1984; 49(3-4):1-151

Gesture fluency after focal cortical lesions. Jason GW. **Neuropsychologia** 1985;23(4):463-81

New observations on body organ language. Muller C. **Psychother Psychosom** 1984;42(1-4):124-6

[Body language in the psychoanalytic treatment situation] Herdieckerhoff G. **Z Psychosom Med Psychoanal** 1985; 31(2):129-50 (Eng. Abstr.) **(Ger)**

[Gnosis centers of speech and gesture] Vinnitskii AR, et al. **Vrach Delo** 1985 Jun;(6):75-9 (Eng. Abstr.) **(Rus)**

KINESIS see under **ORIENTATION**

KINESTHESIS

Kinesthetic recall of children with athetoid and spastic cerebral palsy and of non-handicapped children. Opila-Lehman J, et al. **Dev Med Child Neurol** 1985 Apr; 27(2):223-30

Can vibration-induced illusions be used as a muscle perception test for normal and cerebral-palsied children? Tardieu G, et al. **Dev Med Child Neurol** 1984 Aug; 26(4):449-56

An empirical evaluation of the neurolinguistic programming model. Coe WC, et al. **Int J Clin Exp Hypn** 1985 Oct; 33(4):310-8

Spatial and movement-based heuristics for encoding pattern information through touch. Lederman SJ, et al. **J Exp Psychol [Gen]** 1985 Mar;114(1):33-49

Focal paroxysmal kinesigenic choreoathetosis [letter] Lang AE. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):1057-8

Misinterpretation of instructions in an aftereffect task. Baker AH, et al. **Percept Mot Skills** 1984 Aug;59(1):159-62

Organization in children's recall of information about movement. Canabal-Torres MY, et al. **Percept Mot Skills** 1984 Aug;59(1):139-42

Effects of presentation schedule on retention and prototype formation for kinesthetically presented figures. Lee TD. **Percept Mot Skills** 1985 Apr;60(2):639-43

Space flight: III. Isolation of perceptual variable in parabola flight sickness with countermeasure to lower gastric pH. Stewart R. **Percept Mot Skills** 1985 Jun;60(3):960-2

A simple, computer-assisted system for measuring latencies of contact placing. Wolgin DL, et al. **Physiol Behav** 1985 Feb;34(2):315-7

Movement cues and body orientation in recall of locations by blind and sighted children. Millar S. **Q J Exp Psychol [A]** 1985 May;37(2):257-79

Effect of visual illusion, circularvection, in flight simulator on posture control. Sekitani T. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:165-76

[Status of the sensory sphere in schizophrenic patients with a cenestopathic-hypochondriacal syndrome] Zav'ialov AV, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):84-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Age-related changes in proprioception and sensation of joint position. Kaplan FS, et al. **Acta Orthop Scand** 1985 Feb; 56(1):72-4

Differential effects of ambivalent visual-vestibular-somatosensory stimulation on the perception of self-motion. Probst T, et al. **Behav Brain Res** 1985 Jul;16(1):71-9

Effects of externally imposed elastic loads on the ability to estimate position and force. Watson JD, et al. **Behav Brain Res** 1984 Sep;13(3):267-71

Weight appreciation in the hand in normal subjects and in patients with leprous neuropathy. Raj DV, et al. **Brain** 1985 Mar;108 (Pt 1):95-102

E. Mach on the analysis of motion sensation. Henn V. **Hum Neurobiol** 1984;3(3):145-8

Visual perception dominance of fallers among community-dwelling older adults. Tobis JS, et al. **J Am Geriatr Soc** 1985 May;33(5):330-3

Signaling of ankle joint position by receptors in different muscles. Simon J, et al. **Somatosens Res** 1984;2(2):127-47

[Kinesiologic studies of brachiation in white-hand gibbons (Hylobates lar)] Hollihn U, et al. **Z Morphol Anthropol** 1984;74(3):275-93 (Eng. Abstr.) **(Ger)**

[Analysis of the stabilogram using the rolling platform] Wakutani H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May; 88(5):665-77 (Eng. Abstr.) **(Jpn)**

[Centro-peripheral organization of the kinesthetic system studied by natural stimulation of peripheral receptors] Fedan VA, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):633-4 (Eng. Abstr.) **(Rus)**

[Relation between the perception of the position of body parts and movement] Gurfinkel' VS, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):7-11 **(Rus)**

KINETICS

Michaelis-Menten elimination kinetics: areas under curves, steady-state concentrations, and clearances for compartment models with different types of input. Wagner JG, et al. **Biopharm Drug Dispos** 1985 Apr-Jun; 6(2):177-200

Analysis of fluorescence decay kinetics from variable-frequency phase shift and modulation data. Lakowicz JR, et al. **Biophys J** 1984 Oct;46(4):463-77

Ultrasensitivity in biochemical systems controlled by covalent modification. Interplay between zero-order and multistep effects. Goldbeter A, et al. **J Biol Chem** 1984 Dec 10;259(23):14441-7

STRITERFIT, a least-squares pharmacokinetic curve-fitting package using a programmable calculator. Thornhill DP, et al. **J Pharm Sci** 1985 May;74(5):545-9

Analytical approximations of sensitivities of steady state predictions to errors in parameter estimation: II. Michaelis-Menten kinetics. Gonda I. **J Pharmacokinet Biopharm** 1984 Oct;12(5):525-34

Extended least squares nonlinear regression: a possible solution to the 'choice of weights' problem in analysis of individual pharmacokinetic data. Peck CC, et al. **J Pharmacokinet Biopharm** 1984 Oct;12(5):545-58

Mathematical modelling of dynamics and control in metabolic networks. I. On Michaelis-Menten kinetics. Palsson BO, et al. **J Theor Biol** 1984 Nov 21;111(2):273-302

KINETINS see under **PLANT GROWTH REGULATORS**

KINETOCARDIOGRAPHY

Mechanocardiography in evaluation of left ventricular function. Relevance of combined study of apex cardiogram and systolic time intervals in diagnosis of cardiomyopathies. Brandt CM, et al. **Adv Cardiol** 1985;32:142-51

Apexcardiogram in the assessment of left ventricular function. Newton A, et al. **Adv Cardiol** 1985;32:81-95

The apical impulse in coronary heart disease. Ranganathan N, et al. **Clin Cardiol** 1985 Jan;8(1):20-33

Hemodynamic and pharmacologic influences on the left ventricular echo dimension-apex cardiogram loop in dogs. Kolev NS, et al. **J Cardiogr** 1984 Oct;14(3):537-42

ACG and STI changes in unstable ischemic heart disease. Wayne HH. **J Cardiogr** 1984 Oct;14 Suppl 5:18-21

Combined echo-apexcardiographic assessment of left ventricular function in cardiomyopathy. Kolev N, et al. **Jpn Heart J** 1984 Jul;25(4):477-86

Activation of the right ventricular apical electrogram during ventricular tachycardia: suitability for synchronizing intracavitary cardioversion. Sharma AD, et al. **PACE** 1985 Mar;8(2):186-91

[A comparison of measuring the systolic time interval and diastolic time interval by plethysmography and the cardiomechanogram] Shen WQ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep;12(3):209-11 **(Chi)**

[A noninvasive method of studying myocardial contraction] Kral V, et al. **Sb Lek** 1985 Apr;87(4):98-112 (Eng. Abstr.) **(Cze)**

[Noninvasive diagnosis of mitral and tricuspid insufficiency] Sciomer S, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):815-26 (Eng. Abstr.) **(Ita)**

[The apex cardiogram in normal aged subjects] Bernardi L, et al. **G Ital Cardiol** 1984 Aug;14(8):557-64 (Eng. Abstr.) **(Ita)**

[Apexcardiogram indexes and its 1st derivative evaluating myocardial contractility: normal values] Juncos J, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3-4):10-4 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

[Apex cardiography calibrated by an infinite-time constant. Technic and methodology] Bernardi L, et al. **G Ital Cardiol** 1984 Jul;14(7):534-42 (Eng. Abstr.) **(Ita)**

METHODS

Calibrated apexcardiography. Kesteloot H. **Adv Cardiol** 1985;32:96-110

Apexcardiography. Ananthasubramaniam G, et al. **J Assoc Physicians India** 1984 Aug;32(8):739-43

Recent advances in apexcardiography. Kesteloot H. **J Cardiogr** 1984 Oct;14 Suppl 5:22-9

KININASE II

Sequencing of an active-site peptide of angiotensin I-converting enzyme containing an essential glutamic acid residue. Harris RB, et al. **J Biol Chem** 1985 Feb 25;260(4):2208-11

ANALYSIS

Angiotensin-converting enzyme activity in human aqueous humor. Weinreb RN, et al. **Arch Ophthalmol** 1985 Jan;103(1):34-6

Human testicular angiotensin-converting enzyme is a mixture of two molecular weight forms. Only one is similar to the seminal plasma enzyme. Lanzillo JJ, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):457-63

Immunoelectrophoretic analysis of vascular, membrane-bound angiotensin I converting enzyme, aminopeptidase M, and dipeptidyl(amino)peptidase IV. Ward PE. **Biochem Pharmacol** 1984 Oct 15;33(20):3183-93

A scheme for determining the correct activity of the kinetic angiotensin-converting enzyme. Buttery JE, et al. **Clin Chem** 1985 Apr;31(4):645-6

What is the 'correct' activity of angiotensin-converting enzyme? [letter] Maguire GA. **Clin Chem** 1985 Sep;31(9):1575

Distribution of angiotensin converting enzyme in human tissues. van Sande ME, et al. **Clin Chim Acta** 1985 Apr 30;147(3):255-60

Localization of angiotensin converting enzyme in rat forebrain and other tissues by in vitro autoradiography using 125I-labelled MK351A. Mendelsohn FA. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):431-5

Production of monoclonal antibodies to rat lung angiotensin-converting enzyme. Moore MG, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):301-12

Angiotensin-converting enzyme in the testis and epididymis: differential development and pituitary regulation of isozymes. Strittmatter SM, et al. **Endocrinology** 1985 Oct;117(4):1374-9

Endocrinological control and cellular localization of rat testicular angiotensin-converting enzyme (EC 3.4.15.1). Velletri PA, et al. **Endocrinology** 1985 Jun;116(6):2516-22

Bronchioalveolar angiotensin converting enzyme activity. Value in assessing disease activity in sarcoidosis. Cummiskey J, et al. **J Med** 1984;15(3):213-25

The immunocytochemical detection of angiotensin-converting enzyme in alveolar macrophages from patients with sarcoidosis. Takada Y, et al. **Lung** 1984;162(6):317-23

Distribution in tissues and effects by acute hypoxia on angiotensin I converting enzyme activity in guinea pig and chicken. Cuadrillero C, et al. **Rev Esp Fisiol** 1984 Sep;40(3):371-4

[Enkephalinase inhibitors and molecular study of the differences between active sites of enkephalinase and angiotensin-converting enzyme] Roques BP. **J Pharmacol** 1985;16 Suppl 1:5-31 (65 ref.) (Eng. Abstr.) **(Fre)**

[Localization of angiotensin-converting enzyme and its activity in sarcoid granuloma by the substrate film technic] Onizuka O, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):255-9 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

The design and properties of N-carboxyalkyldipeptide inhibitors of angiotensin-converting enzyme. Patchett AA, et al. **Adv Enzymol** 1985;57:1-84 (188 ref.)

Clinical pharmacology and therapeutic applications of the new oral converting enzyme inhibitor, enalapril. Riley LJ Jr, et al. **Am Heart J** 1985 May;109(5 Pt 1):1085-9 (48 ref.)

Immediate converting-enzyme inhibition with intravenous enalapril in chronic congestive heart failure. Kubo SH, et al. **Am J Cardiol** 1985 Jan 1;55(1):122-6

Cardiovascular effects and regional blood flow distribution associated with angiotensin converting enzyme inhibition (captopril) in essential hypertension. Ventura HO, et al. **Am J Cardiol** 1985 Apr 1;55(8):1023-6

Clinical applications of angiotensin-converting enzyme inhibitors. Ferguson RK, et al. **Am J Med** 1984 Oct;77(4):690-8 (104 ref.)

The kidney and strategies for the treatment of hypertension. Hollenberg NK. **Am J Med** 1984 Oct 5;77(4A):60-3 (33 ref.)

Monotherapy of hypertension with angiotensin-converting enzyme inhibitors. Materson BJ. **Am J Med** 1984 Oct 5;77(4A):128-34 (41 ref.)

Central angiotensin converting enzyme blockade and salt preference in renovascular hypertensive rats. Chan JY, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):137-42

Synthetic and fermentation-derived angiotensin-converting enzyme inhibitors. Cohen ML. **Annu Rev Pharmacol Toxicol** 1985;25:307-23 (111 ref.)

Bilateral renal artery stenosis [letter] Bursztyn M, et al. **Arch Intern Med** 1984 Nov;144(11):2282

Angiotensin converting enzyme inhibitors and rheumatoid arthritis [letter] Traficante A, et al. **Arthritis Rheum** 1985 Apr;28(4):480

Pharmacological properties of the new orally active angiotensin converting enzyme inhibitor 2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(1S,3S,5S)-2-azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498). Becker RH, et al. **Arzneimittelforsch** 1984;34(10B):1411-6

Inhibition of angiotensin converting enzyme by 2-[N-[(S)-1-carboxy-3-phenylpropyl]-L-alanyl]-(1S,3S,5 [3.3.0]octane-3-carboxylic acid (Hoe 498 diacid). Comparison with captopril and enalapriat. Bünning P. **Arzneimittelforsch** 1984;34(10B):1406-10

Effects of the new oral angiotensin converting enzyme inhibitor 2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498) in essential hypertension. Felder K, et al. **Arzneimittelforsch** 1984;34(10B):1452-4

Chemistry of the inhibitors of the renin-angiotensin system. Geiger R. **Arzneimittelforsch** 1984;34(10B):1386-91 (58 ref.)

Determination of 2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498) and its hydrolysis product in serum and urine. Hajdú P, et al. **Arzneimittelforsch** 1984;34(10B):1431-5

2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(-2-azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498)--a new and highly effective angiotensin I converting enzyme inhibitor. Metzger H, et al. **Arzneimittelforsch** 1984;34(10B):1402-6

Cardiovascular and antihypertensive activities of the novel non-sulfhydryl converting enzyme inhibitor 2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498). Schölkens BA, et al. **Arzneimittelforsch** 1984;34(10B):1417-25

Synthesis of a highly active angiotensin converting enzyme inhibitor: 2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498). Teetz V, et al. **Arzneimittelforsch** 1984;34(10B):1399-401

2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498): antihypertensive action and persistent inhibition of tissue converting enzyme activity in spontaneously hypertensive rats. Unger T, et al. **Arzneimittelforsch** 1984;34(10B):1426-30

Tolerance and pharmacodynamics of the angiotensin converting enzyme inhibitor 2-[N-[(S)-1-ethoxycarbonyl-3-phenylpropyl]-L-alanyl]-(azabicyclo[3.3.0]octane-3-carboxylic acid (Hoe 498) in healthy volunteers. Witte PU, et al. **Arzneimittelforsch** 1984;34(10B):1448-51

Treatment of hypertension with angiotensin converting enzyme inhibitors. Johnston CI. **Aust NZ J Med** 1984 Aug;14(4):509-13 (30 ref.)

Ketomethyldipeptides II. Effect of modifications of the alpha-aminoketone portion on inhibition of angiotensin converting enzyme. Gordon EM, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):148-55

Design of peptide derived amino alcohols as transition-state analog inhibitors of angiotensin converting enzyme. Gordon EM, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):419-26

A metabolite of aspartame inhibits angiotensin converting enzyme. Grobelny D, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):960-4

Ketomethyldipeptides I. A new class of angiotensin converting enzyme inhibitors. Natarajan S, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):141-7

Design of conformationally constrained angiotensin-converting enzyme inhibitors. Weller HN, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):82-9

Inhibitors of angiotensin-converting enzyme containing a tetrahedral arsenic atom. Galardy RE, et al. **Biochem J** 1985 Mar 1;226(2):447-54

Inhibition of angiotensin converting enzyme: dependence on chloride. Shapiro R, et al. **Biochemistry** 1984 Oct 23;23(22):5234-40

Inhibition of angiotensin converting enzyme: mechanism and substrate dependence. Shapiro R, et al. **Biochemistry** 1984 Oct 23;23(22):5225-33

Thermal denaturation of rat pulmonary and testicular angiotensin-converting enzyme isozymes. Effects of chelators and CoCl2. Velletri PA, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):71-82

Effect of converting enzyme inhibition by enalapril on sodium homeostasis in the rat. Jover B, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:209S-214S

Enalapril (MK421) activation in man: importance of liver status. Larmour I, et al. **Br J Clin Pharmacol** 1985 May;19(5):701-4

Potentials and limitations of angiotensin converting enzyme inhibition in the treatment of hypertension. Menard J, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:197S-200S

The risk-benefit equation: when to initiate treatment. Robertson JI. **Br J Clin Pharmacol** 1984;18 Suppl 2:181S-187S

ACE inhibition and brachial artery haemodynamics in hypertension. Simon AC, et al. **Br J Clin Pharmacol** 1984;18 Suppl 2:243S-247S (22 ref.)

A need for new converting enzyme inhibitors? [editorial] Ball SG, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):180-1

Enflurane, halothane and isoflurane do not inhibit angiotensin converting enzyme activity. Alifimoff JK, et al. **Can Anaesth Soc J** 1985 Jul;32(4):351-7

Systolic blood pressure responses to enalapril maleate (MK 421, an angiotensin converting enzyme inhibitor) and hydrochlorothiazide in conscious Dahl salt-sensitive and salt-resistant rats. Sharma JN, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):846-9

Inhibitors of angiotensin-converting enzyme in crude drugs. II. Inokuchi J, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):264-9

Inhibitors of angiotensin converting enzyme in crude drugs. I. Inokuchi J, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3615-9

Effects of angiotensin II and ACE inhibitors on electrically stimulated noradrenaline release from superfused rat brain slices. Schacht U. **Clin Exp Hypertens [A]** 1984;6(10-11):1847-51

Potentiation of depressor responses to arachidonic acid by angiotensin converting enzyme inhibitors in the rat. Hui SC, et al. **Clin Exp Pharmacol Physiol** 1984 Nov-Dec;11(6):621-5

Diuretic and haemodynamic effects of MK 447 in normotensive and hypertensive sheep. Humphery TJ, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):483-7

Angiotensin converting enzyme inhibition does not prevent development of ACTH-induced hypertension in sheep. Spence CD, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):181-5

Enalapril, a nonsulfhydryl angiotensin-converting enzyme inhibitor. Vlasses PH, et al. **Clin Pharm** 1985 Jan-Feb;4(1):27-40 (93 ref.)

Enalaprilat, an intravenous angiotensin-converting enzyme inhibitor, in hypertensive crises. DiPette DJ, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):199-204

Pressure dependence of renal hemodynamics and function during converting-enzyme inhibition in congestive heart failure. Ribstein J, et al. **Contrib Nephrol** 1984;41:43-6

Angiotensin-converting enzyme inhibitors: biochemical properties and biological actions. Ondetti MA, et al. **CRC Crit Rev Biochem** 1984;16(4):381-411 (160 ref.)

Haemodynamic and pharmacological effects of the converting enzyme inhibitor CGS 14824A in normal volunteers. Schaller MD, et al. **Eur J Clin Pharmacol** 1985;28(3):267-72

Pharmacokinetics and pharmacodynamics of a novel orally active angiotensin converting enzyme inhibitor (HOE 498) in healthy subjects. Witte PU, et al. **Eur J Clin Pharmacol** 1984;27(5):577-81

Potentiation of the inhibitory effect of a thromboxane A2 antagonist (L-640,035) on arterial thrombosis formation in rabbit by the angiotensin converting enzyme inhibitor enalapril. Chan CC, et al. **Eur J Pharmacol** 1985 Apr 16;110(3):323-8

Converting-enzyme inhibition for severe chronic heart failure: views from a skeptic. Packer M. **Int J Cardiol** 1985 Feb;7(2):111-20 (50 ref.)

Phenacein--an angiotensin-converting enzyme inhibitor produced by a streptomycete. I. Taxonomy, fermentation and biological properties. Bush K, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1308-12

Isolation and characterization of I5B2, a new phosphorus containing inhibitor of angiotensin I converting enzyme produced by Actinomadura sp. Kido Y, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):965-9

Phenacein--an angiotensin-converting enzyme inhibitor produced by a streptomycete. II. Isolation, structure determination and synthesis. Liu WC, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1313-9

Inhibition of rabbit lung angiotensin-converting enzyme by N alpha-[(S)-1-carboxy-3-phenylpropyl]L-alanyl-L-proline and N alpha-[(S)-1-carboxy-3-phenylpropyl]L-lysyl-L-proline. Bull HG, et al. **J Biol Chem** 1985 Mar 10;260(5):2952-62

A human platelet angiotensin I-processing system. Identification of components and inhibition of angiotensin-converting enzyme by product. Snyder RA, et al. **J Biol Chem** 1985 Jul 5;260(13):7857-60

Squibb symposium series number 1. Angiotensin converting enzyme inhibition in clinical practice. Geneva, June 22-23, 1984. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S1-147

The present molecules of converting enzyme inhibitors. Brunner HR, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S2-11 (57 ref.)

Effects of angiotensin converting enzyme inhibition: a clinical point of view. Brunner HR, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S73-81 (99 ref.)

Hemodynamic effects of angiotensin-converting enzyme inhibitors in essential hypertension: a review. Fitzpatrick MA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S35-9 (29 ref.)

Comparison of different drug interference with the renin-angiotensin system. Hofbauer KG, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S62-8

Angiotensin-converting enzyme inhibition: renal aspect. Hollenberg NK. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S40-4

Effects of converting-enzyme inhibition on cardiorenal hemodynamics in patients with chronic congestive heart failure. Kubo S, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):753-9

Inhibition of angiotensin I-converting enzyme with S 9490: biochemical effects, interspecies differences, and role of sodium diet in hemodynamic effects. Laubie M, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1076-82

Captopril versus enalapril maleate: a comparison of antihypertensive and hormonal effects. Lewis RA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S12-5

Why use angiotensin converting enzyme inhibitors to lower blood pressure? MacGregor GA, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 4:S92-7

The future of angiotensin-converting enzyme inhibitors. Mackaness GB. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S30-4

Effect of chronic nifedipine in patients inadequately controlled by a converting enzyme inhibitor and a diuretic. Mimran A, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S92-5

Effect of SA-446, an angiotensin-converting enzyme inhibitor, on renal function in anesthetized dogs: special reference to arachidonic acid metabolites. Miura K, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):102-7

Biological properties of the angiotensin-converting enzyme inhibitor cilazapril. Natoff IL, et al. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):569-80

Effects of acute and chronic angiotensin-converting enzyme inhibition on large arteries in human hypertension. Simon AC, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 1:S45-51

Comparative hemodynamic effects of MK-422, a converting enzyme inhibitor, and a renin inhibitor in dogs with acute left ventricular failure. Sweet CS, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1067-75

Persistent tissue converting enzyme inhibition following chronic treatment with Hoe498 and MK421 in spontaneously hypertensive rats. Unger T, et al. **J Cardiovasc Pharmacol** 1985 Jan-Feb;7(1):36-41

Is tissue converting enzyme inhibition a determinant of the antihypertensive efficacy of converting enzyme inhibitors? Studies with the two different compounds, Hoe498 and MK421, in spontaneously hypertensive rats. Unger T, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):872-80

Evidence for a vasodepressor effect of the angiotensin-converting enzyme inhibitor, MK421 (enalapril), independent of blockade of angiotensin II formation. Wilkes BM. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1036-42

Comparison of systemic and intrarenal converting enzyme inhibition by MK-422 on renal hemodynamics in conscious dogs. Zimmerman BG, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):715-22

Correction of abnormal renal blood flow response to angiotensin II by converting enzyme inhibition in essential hypertensives. Redgrave J, et al. **J Clin Invest** 1985 Apr;75(4):1285-90

Pilot study of the effects of the angiotensin-converting enzyme inhibitor CI-906 on patients with essential hypertension. Gavras I, et al. **J Clin Pharmacol** 1984 Aug-Sep;24(8-9):343-50

Acute and chronic effects of the converting enzyme inhibitors enalapril and lisinopril on reflex control of heart rate in normotensive man. Ajayi AA, et al. **J Hypertens** 1985 Feb;3(1):47-53

Cerebrovascular aspects of converting-enzyme inhibition I: Effects of intravenous captopril in spontaneously hypertensive and normotensive rats. Barry DI, et al. **J Hypertens** 1984 Dec;2(6):589-97

Effect of dietary sodium on angiotensin-converting enzyme (ACE) inhibition and the acute hypotensive effect of enalapril (MK-421) in essential hypertension. Jackson B, et al. **J Hypertens** 1984 Aug;2(4):371-7

Cerebrovascular aspects of converting-enzyme inhibition II: Blood-brain barrier permeability and effect of intracerebroventricular administration of captopril. Jarden JO, et al. **J Hypertens** 1984 Dec;2(6):599-604

Participation of the renin-angiotensin system in the maintenance of blood pressure during changes in posture in patients with essential hypertension. Morganti A, et al. **J Hypertens** 1985 Feb;3(1):55-61

Evidence for a putatively new angiotensin II-generating enzyme in the vascular wall. Okunishi H, et al. **J Hypertens** 1984 Jun;2(3):277-84

Synthesis and biological activity of carboxylic acid replacement analogues of the potent angiotensin converting enzyme inhibitor 5(S)-benzamido-4-oxo-6-phenylhexanoyl-L-proline. Almquist RG, et al. **J Med Chem** 1985 Aug;28(8):1067-71

Synthesis and biological activity of pentapeptide analogues of the potent angiotensin converting enzyme inhibitor 5(S)-benzamido-4-oxo-6-phenylhexanoyl-L-proline. Almquist RG, et al. **J Med Chem** 1985 Aug;28(8):1062-6

Conformational analysis and active site modelling of angiotensin-converting enzyme inhibitors. Andrews PR, et al. **J Med Chem** 1985 Mar;28(3):393-9

Synthesis and biological evaluation of phosphonamidate peptide inhibitors of enkephalinase and angiotensin-converting enzyme. Elliott RL, et al. **J Med Chem** 1985 Sep;28(9):1208-16

Angiotensin-converting enzyme inhibitors: synthesis and biological activity of acyl tripeptide analogues of enalapril. Greenlee WJ, et al. **J Med Chem** 1985 Apr;28(4):434-42

Angiotensin converting enzyme inhibitors. (Mercaptoaroyl)amino acids. Menard PR, et al. **J Med Chem** 1985 Mar;28(3):328-32

Synthesis and biological activity of modified peptide inhibitors of angiotensin-converting enzyme. Roark WH, et al. **J Med Chem** 1985 Sep;28(9):1291-5

Angiotensin-converting enzyme inhibitors. New orally active antihypertensive (mercaptoalkanoyl)- and [(acylthio)alkanoyl]glycine derivatives. Suh JT, et al. **J Med Chem** 1985 Jan;28(1):57-66

Human angiotensin I competes with two non-thiol converting enzyme inhibitors (CGS 13934 & MK-422) to inhibit the angiotensin-converting enzyme activity of human plasma. Chen DS, et al. **J Pharm Pharmacol** 1984 Oct;36(10):707-8

Potentiative effect of angiotensin converting enzyme inhibitor on carrageenan edema in rats and the role of tissue kininogen. Suda H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):372-7

Anti-shock actions of a new converting enzyme inhibitor, enalaprilic acid, in hemorrhagic shock in cats. Freeman JG, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):610-5

Kinetics of captopril- and enalapril-induced inhibition of pulmonary angiotensin converting enzyme in vivo. Moalli R, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):372-7

Two inhibitors of angiotensin-converting enzyme, enalapril and captopril, increase salt appetite of rats. Minsker DH, et al. **J Toxicol Environ Health** 1984;14(5-6):715-22

Effect of chronic angiotensin-converting enzyme blockade on pressor responses to exogenous angiotensin II, noradrenaline and vasopressin in deoxycorticosterone acetate salt (DOCA)-induced hypertensive rats. Gan EK, et al. **Jpn J Pharmacol** 1984 Oct;36(2):147-51

Effects of angiotensin I-converting enzyme inhibitor (SA-446) on renal function in dogs. Takada T, et al. **Jpn J Pharmacol** 1985 Jun;38(2):227-30

Safety of angiotensin-converting-enzyme inhibitors [letter] Currie WJ, et al. **Lancet** 1985 Mar 9;1(8428):580-1

Angiotensin-converting enzyme inhibitors: past, present, and bright future. Edwards CR, et al. **Lancet** 1985 Jan 5;1(8419):30-4 (89 ref.)

Safety of angiotensin-converting-enzyme inhibitors [letter] Hill JF. **Lancet** 1985 Apr 6;1(8432):820

Disappearance of captopril-induced taste disturbance after substitution with angiotensin-converting-enzyme inhibitor HOE 498 [letter] Mauersberger H, et al. **Lancet** 1985 Mar 2;1(8427):517-8

Serum uric acid, ACE inhibitors, and natriuresis [letter] Navis GJ, et al. **Lancet** 1985 Jul 20;2(8447):156

Absorption, metabolism, and excretion studies of carbon 14- and tritium-labeled derivatives of a ketomethylene containing tripeptide. Almquist RG, et al. **Life Sci** 1985 Jul 29;37(4):299-305

A cardiac specific analog of angiotensin I potentiated by converting enzyme inhibition. Cross RB, et al. **Life Sci** 1985 Feb 18;36(7):613-8

An examination of chronic angiotensin-converting enzyme inhibition in the rat. Blantz RC, et al. **Miner Electrolyte Metab** 1985;11(4):249-55

Renin inhibitors [editorial] Haber E. **N Engl J Med** 1984 Dec 20;311(25):1631-3

The effect of the converting enzyme inhibitor HOE 498 on the renin angiotensin system of normal volunteers. Bussien JP, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):63-9

Effect of the angiotensin converting enzyme inhibitor, captopril (SQ14,225), on orthostatic sodium and water retention in patients with idiopathic edema. Suzuki H, et al. **Nephron** 1985;39(3):244-9

Effects of angiotensin converting enzyme inhibitor and angiotensin II analogue on hypertension. Study of hypertension with two different blockers of the renin-angiotensin-aldosterone system. Kodama K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):353-61

Comparison of the acute effects of three structurally different converting enzyme inhibitors (captopril, SA-446 and MK-421) on blood pressure, the renin-angiotensin system and the kallikrein-kinin system. Kondo K, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):337-42

Effects of converting enzyme inhibitors on renin-angiotensin system in normal rats. Komori T, et al. **Osaka City Med J** 1984 Jun;30(1):17-30

Correlation between anti-hypertensive activity in rats and plasma angiotensin I-converting enzyme (ACE) inhibition in mice following oral administration of ACE inhibitors. Pong SF, et al. **Pharmacol Res Commun** 1985 Apr;17(4):331-44

Cardiovascular effects of dobutamine and converting enzyme inhibition in rats with diabetic ketoacidosis. Charocopos F, et al. **Pharmacology** 1985;30(2):65-70

Biochemical and pharmacological properties of symmetrical 2,5-disubstituted 1,3,4-oxadiazoles. Sharma BL, et al. **Pharmazie** 1984 Dec;39(12):858-9

Temporal relationships of treatment with angiotensin converting enzyme inhibitors on the hypertension and cardiac hypertrophy in spontaneously hypertensive rats. Shapiro AP, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):211-8

Psychotropic effects of enalapril maleate in normal volunteers. Olajide D, et al. **Psychopharmacology (Berlin)** 1985;86(3):374-6

Captopril and enalapril: angiotensin converting enzyme (ACE) inhibitors. Ferguson RK, et al. **Ration Drug Ther** 1984 Mar;18(3):1-5

Inhibition of angiotensin-converting enzyme by dipeptide analogs. Schwab A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep;45(3):339-45

Deterioration of renal function during angiotensin converting enzyme inhibition in hypertensive patients with a poorly functioning solitary kidney. Rasmussen S, et al. **Scand J Urol Nephrol** 1985;19(1):45-8

The use of captopril in the management of cardiac failure. Cleland JG, et al. **Scott Med J** 1984 Apr;29(2):129-30

Successful treatment of the crisis of scleroderma with enalapril maleate (MK-421). Ogawa K, et al. **Tohoku J Exp Med** 1984 Dec;144(4):433-4

Effects of enalapril maleate (MK-421) on renovascular hypertension. Ogawa K, et al. **Tohoku J Exp Med** 1985 Feb;145(2):125-35

[Comparison of the cardiac, renal and endocrine effects of converting enzyme inhibition with those of a classical triple therapy in experimental renal hypertension] Dussaule JC, et al. **Arch Mal Coeur** 1984 Oct;77(11):1220-5 (Eng. Abstr.) **(Fre)**

[Effect of renal insufficiency on the pharmacokinetics of captopril and converting enzyme inhibition in the hypertensive patient] Richer C, et al. **Arch Mal Coeur** 1984 Oct;77(11):1216-9 (Eng. Abstr.) **(Fre)**

[Pregnancy under converting enzyme inhibitor (letter)] Ducret F, et al. **Presse Med** 1985 Apr 20;14(16):897 **(Fre)**

[Progress in cardiologic therapy. Thrombolysis expanded--prevention possibilities employed early--ACE inhibitors as therapeutic hit] Michel D, et al. **Fortschr Med** 1985 Jan 10;103(1-2):5-7 **(Ger)**

[ACE inhibitors: a new pharmacological principle] Witte PU. **Med Monatsschr Pharm** 1985 Apr;8(4):101-6 **(Ger)**

[Reduction of regurgitation in aortic insufficiency by inhibition of the renin-angiotensin converting enzyme] Reske SN, et al. **Nuklearmedizin** 1984 Oct;23(5):241-5 (Eng. Abstr.) **(Ger)**

[Inhibitors of angiotensin-converting enzyme in the treatment of arterial hypertension] Salvetti A, et al. **Boll Soc Ital Cardiol** 1984 Jan-Feb;29(1-2):103-20 (62 ref.) (Eng. Abstr.) **(Ita)**

[Drugs that block the angiotensin converting enzyme] Di Perr T. **Recenti Prog Med** 1985 May;76(5):276-80 (Eng. Abstr.) **(Ita)**

[Effects of 3 different angiotensin converting enzyme inhibitors, MK 421, SQ 14225 and SA 446 on renal function and blood pressure in patients with essential hypertension] Tajima J, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):779-89 (Eng. Abstr.) **(Jpn)**

[The acute effects of the new angiotensin I-converting enzyme inhibitor, enalapril maleate, on blood pressure, plasma renin, aldosterone and kinins in hypertensive patients] Gotoh M, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):619-29 (Eng. Abstr.) **(Jpn)**

[Angiotensin converting enzyme inhibitors] Abe K. **Nippon Rinsho** 1985 May;43(5):949-55 (23 ref.) **(Jpn)**

[Inhibition of angiotensin converting enzyme by (2R,4R)-2-(2-hydroxyphenyl)-3-(3-mercaptopropionyl)-thiazolidinecarboxylic acid, SA 446] Horiuchi M, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1257-62 (Eng. Abstr.) **(Jpn)**

[Angiotensin converting enzyme inhibitors--a new group of hypotensive drugs] Lazowski J. **Wiad Lek** 1984 May 15; 37(10):792-6 (7 ref.) **(Pol)**

[Synthesis and biological activity of analogs of a nonapeptide inhibitor of peptidyldipeptidase] Filatova MP, et al. **Bioorg Khim** 1985 Jan;11(1):21-30 (Eng. Abstr.) **(Rus)**

[Human erythrocyte prolyl endopeptidase II hydrolysing teprotid, an inhibitor of peptidyl peptidase from snake venom] Alekseenko LP, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):308-11 (Eng. Abstr.) **(Rus)**

BLOOD

Serum angiotensin-I-converting enzyme in Hodgkin's disease [letter] Rømer FK. **Acta Haematol (Basel)** 1985;73(1):62-3

Thyroid hormones affect serum angiotensin I converting enzyme levels. Grönhagen-Riska C, et al. **Acta Med Scand** 1985;217(3):259-64

A fluorometric assay for angiotensin-converting enzyme activity. Kapiloff MS, et al. **Anal Biochem** 1984 Jul; 140(1):293-302

A continuous monitoring spectrophotometric method for the measurement of angiotensin-converting enzyme in human serum. Maguire GA, et al. **Ann Clin Biochem** 1985 Mar; 22 (Pt 2):204-10

A kinetic fluorimetric assay for the measurement of angiotensin-converting enzyme in human serum. Maguire GA, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):372-7

Serum angiotensin-converting enzyme in sarcoidosis and psoriasis. Thestrup-Pedersen K, et al. **Arch Dermatol Res** 1985;277(1):16-8

Serum angiotensin-converting enzyme activity. Its use in the evaluation and management of hypercalcemia associated with sarcoidosis. DeRemee RA, et al. **Arch Intern Med** 1985 Apr;145(4):677-9

Angiotensin-converting enzyme activity. A potential marker of tissue hypothyroidism in critical illness. Smallridge RC, et al. **Arch Intern Med** 1985 Oct;145(10):1829-32

Metabolism and subcellular localization of angiotensin converting enzyme in cultured human monocytes. Rohrbach MS. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):843-9

Serial estimation of serum angiotensin converting enzyme activity during and after pregnancy in a woman with sarcoidosis. Erskine KJ, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):269-70

Kininogen, esterase and kininase activities in human peripheral venous plasma and in plasma from the intervillous space of human placenta, before and during labor. Silva RO, et al. **Braz J Med Biol Res** 1984; 17(1):27-34

Compared evolution of plasma fibronectin and angiotensin-converting enzyme levels in septic ARDS. Fourrier F, et al. **Chest** 1985 Feb;87(2):191-5

Serum angiotensin-converting enzyme in coal worker's pneumoconiosis [letter] Wallaert B, et al. **Chest** 1985 Jun; 87(6):844-5

A radioassay for angiotensin converting enzyme. Ryder KW, et al. **Clin Biochem** 1984 Oct;17(5):302-5

Angiotensin-converting enzyme: confusion about activity units [letter] Buttery JE. **Clin Chem** 1985 Jun;31(6):1071-2

An experimental study of the effect of zinc on the activity of angiotensin converting enzyme in serum. Reeves PG, et al. **Clin Chem** 1985 Apr;31(4):581-4

An improved colorimetric assay of angiotensin-converting enzyme in serum. Hayakari M, et al. **Clin Chim Acta** 1984 Dec 15;144(1):71-5

Fluorometric assay for angiotensin converting enzyme in human serum by centrifugal analysis. Neels HM, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):281-6

Angiotensin converting enzyme during acute and chronic enalapril therapy in essential hypertension. Jackson B, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):355-9

The value of angiotensin-I-converting enzyme determinations in malignant and other diseases. Schweisfurth H, et al. **Clin Physiol Biochem** 1985; 3(4):184-92

Converting enzyme activity in regulation of blood pressure and kidney function. A review. Piryova B, et al. **Cor Vasa** 1984;26(6):401-7

Angiotensin-converting enzyme: an indicator of bleomycin-induced pulmonary toxicity in humans? Sørensen PG, et al. **Eur J Cancer Clin Oncol** 1984 Nov; 20(11):1405-8

Pindolol decreases plasma angiotensin-converting enzyme activity in young spontaneously hypertensive rats. Niwa M, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):133-6

Serum angiotensin converting enzyme (ACE) in silicosis. Bucca C, et al. **Eur J Respir Dis** 1984 Oct;65(7):477-80

Changes in serum angiotensin I converting enzyme activity due to carbon disulfide exposure. Filipović N, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):113-4

Triiodothyronine increases serum angiotensin converting enzyme. Silverstein E, et al. **Horm Metab Res** 1985 Jan; 17(1):25-8

An improved fluorometric assay of rat serum and plasma converting enzyme. Santos RA, et al. **Hypertension** 1985 Mar-Apr;7(2):244-52

Serum angiotensin converting enzyme activity in normal adults and patients with different types of hypertension. Dux S, et al. **Isr J Med Sci** 1984 Dec;20(12):1138-42

High serum levels of angiotensin-converting enzyme in untreated Addison's disease. Falezza G, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):496-8

Increased angiotensin-converting enzyme in peripheral blood monocytes from patients with sarcoidosis. Okabe T, et al. **J Clin Invest** 1985 Mar;75(3):911-4

Chronic captopril infusion in two-kidney, one clip rats with normal plasma renin concentration. Wallace EC, et al. **J Hypertens** 1984 Jun;2(3):285-9

Comparison of serum angiotensin-converting enzyme in Graves' disease, toxic nodular goiter, and other thyroid conditions. Czernobilsky H, et al. **Klin Wochenschr** 1985 Jun 3;63(11):518-22

Captopril administration in pregnancy impairs fetal angiotensin converting enzyme activity and neonatal adaptation [letter] Boutroy MJ, et al. **Lancet** 1984 Oct 20; 2(8408):935-6

Serum angiotensin-converting enzyme increases during hemodialysis. Evidence for injury of the pulmonary vascular endothelium? Nielsen AH, et al. **Nephron** 1985; 40(1):100-3

Increased serum angiotensin-converting enzyme in end-stage renal disease [letter] Rumpf KW, et al. **Nephron** 1985; 40(2):248-9

Serum angiotensin converting enzyme in sarcoidosis: sensitivity and specificity in diagnosis: correlations with disease activity, duration, extra-thoracic involvement, radiographic type and therapy. Ainslie GM, et al. **Q J Med** 1985 Jun;55(218):253-70

Familial elevation of serum angiotensin converting enzyme. Okabe T, et al. **Q J Med** 1985 Apr;55(216):55-61

SAR of the effect of endotoxin on serum angiotensin converting enzyme in the mouse. Hollinger MA **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):157-60

Determination of serum angiotensin-converting enzyme in sarcoidosis. Tassi G, et al. **Ric Clin Lab** 1984 Oct-Dec; 14(4):621-7

Increase of serum angiotensin-converting enzyme activity after freezing. Pietilä K, et al. **Scand J Clin Lab Invest** 1984 Sep;44(5):453-5

Does serum angiotensin converting enzyme reflect intensity of alveolitis in sarcoidosis? Cohen RD, et al. **Thorax** 1985 Jul;40(7):497-500

Chromatographic elution profiles of angiotensin converting enzyme measured by the methods using different substrates in the plasma from normotensive and hypertensive subjects. Otokida K, et al. **Tohoku J Exp Med** 1984 Sep; 144(1):91-101

[Changes in serum angiotensin converting enzyme activity in patients with lung cancer] Li LS **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):405-6, 461 (Eng. Abstr.) **(Chi)**

[The significance of angiotensin-converting enzyme in sarcoidosis] Votava V, et al. **Cas Lek Cesk** 1985 Aug 2; 124(31):974-6 (Eng. Abstr.) **(Cze)**

[Malignant lymphoma and sarcoidosis. Changes in the serum levels of angiotensin-converting enzyme (letter)] Fuzibet JG, et al. **Presse Med** 1984 Oct 20;13(37):2270 **(Fre)**

[Initial modification of ACE levels by various corticoid doses in patients with sarcoidosis II] Rühle KH, et al. **Prax Klin Pneumol** 1985 Jan;39(1):15-8 (Eng. Abstr.) **(Ger)**

[Angiotensin converting enzyme in lung diseases] Mayr K, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):109-13 (Eng. Abstr.) **(Ger)**

[Serum angiotensin convertase activity and clinical course of sarcoidosis. Course studies in Löfgren syndrome] Sehrt I, et al. **Z Erkr Atmungsorgane** 1985;164(1):39-42 (Eng. Abstr.) **(Ger)**

[Serum angiotensin convertase activity and clinical course in sarcoidosis. Course studies in primary chronic sarcoidosis] Sehrt I, et al. **Z Erkr Atmungsorgane** 1984; 163(2):175-86 (Eng. Abstr.) **(Ger)**

[Determination of enzyme activity in sarcoidosis--comparison of angiotensin convertase and collagen peptidase] Kirsten D, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):383-7 (Eng. Abstr.) **(Ger)**

[Procedure for the determination of angiotensin converting enzyme] Siems WE, et al. **Z Med Lab Diagn** 1985; 26(4):232-4 (Eng. Abstr.) **(Ger)**

[Plasma angiotensin I converting enzyme and renin angiotensin aldosterone system in hypertensive subjects] Nakamura M, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan; 27(1):97-102 (Eng. Abstr.) **(Jpn)**

[Cigarette smoking and lung metabolism--effect of cigarette smoke exposure on blood levels of histamine, serotonin and ACE activity in guinea pigs] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1000-3 (Eng. Abstr.) **(Jpn)**

[Serum angiotensin-converting enzyme and lysozyme activities as markers of host immunoreactive cells in lung cancer] Min K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):311-7 (Eng. Abstr.) **(Jpn)**

[A case of so-called Lennert's lymphoma, suspected of sarcoidosis due to uveitis occurring first and elevation of serum angiotensin-converting enzyme (ACE)] Tamura A, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1033-9 (Eng. Abstr.) **(Jpn)**

[Serum angiotensin I converting enzyme activity in patients with hyperthyroidism and hypothyroidism: relation to renin and aldosterone] Gotoh M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jul 20;60(7):835-45 (Eng. Abstr.) **(Jpn)**

[Serum angiotensin-convertase activity in sarcoidosis and other chronic pulmonary diseases] Serbescu A, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):173-80 (Eng. Abstr.) **(Rum)**

[Peptidyl peptidase activity in the blood of healthy children of different ages and patients with pyoseptic diseases] Moin VM. **Lab Delo** 1985;(3):154-7 (Eng. Abstr.) **(Rus)**

[ACE in serum--clinical significance in sarcoidosis] Filipović N, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):98-101 (Eng. Abstr.) **(Ser)**

CEREBROSPINAL FLUID

Cerebrospinal fluid levels of angiotensin-converting enzyme in Alzheimer's disease, Parkinson's disease and progressive supranuclear palsy. Zubenko GS, et al. **Brain Res** 1985 Mar 4;328(2):215-21

Assay and biochemical characterization of angiotensin-I-converting enzyme in cerebrospinal fluid. Schweisfurth H, et al. **Enzyme** 1984;32(1):12-9

CSF angiotensin-converting enzyme in neurosarcoidosis [letter] Chan Seem CP, et al. **Lancet** 1985 Feb 23; 1(8426):456-7

CSF angiotensin-converting enzyme in neurosarcoidosis [letter] Oksanen V, et al. **Lancet** 1985 May 4;1(8436):1050-1

Angiotensin converting enzyme in cerebrospinal fluid: a new assay. Oksanen V, et al. **Neurology** 1985 Aug;35(8):1220-3

ISOLATION & PURIFICATION

Purification of angiotensin-converting enzyme from rabbit lung and human plasma by affinity chromatography. Bull HG, et al. **J Biol Chem** 1985 Mar 10;260(5):2963-72

A rat brain isozyme of angiotensin-converting enzyme. Unique specificity for amidated peptide substrates. Strittmatter SM, et al. **J Biol Chem** 1985 Aug 15; 260(17):9825-32

Rapid purification of human placental angiotensin I converting enzyme by captopril affinity chromatography. Taira H, et al. **J Chromatogr** 1985 May 3;339(2):399-403

Enzymes in placental microvilli: angiotensin I converting enzyme, angiotensinase A, carboxypeptidase, and neutral endopeptidase ('enkephalinase'). Johnson AR, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):789-96

[Enzymological properties of rat testicular angiotensin I-converting enzyme: comparison with rat pulmonary enzyme] Yamaguchi T, et al. **Yakugaku Zasshi** 1985 May; 105(5):491-8 (Eng. Abstr.) **(Jpn)**

METABOLISM

Clinical and biochemical aspects of sarcoidosis. With special reference to angiotensin-converting enzyme (ACE). Rømer FK. **Acta Med Scand [Suppl]** 1984;690:3-96

The value of serial serum angiotensin converting enzyme determinations in hospitalized patients with lung disease. Siefkin AD, et al. **Am J Med Sci** 1984 Dec;288(5):200-7

Neutral metalloendopeptidase in human lung tissue and cultured cells. Johnson AR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):564-8

The effect of oxygen tension on the in vitro production and release of angiotensin-converting enzyme by bovine pulmonary artery endothelial cells. Krulewitz AH, et al. **Am Rev Respir Dis** 1984 Nov;130(5):866-9

Lung damage induced by butylated hydroxytoluene in mice. Biochemical, cellular, and morphologic characterization. Smith LJ. **Am Rev Respir Dis** 1984 Nov;130(5):895-904

Angiotensin converting enzyme in the testis and epididymis of mammals. Jaiswal A, et al. **Andrologia** 1984 Sep-Oct; 16(5):410-6

Androgen dependence of testicular and epididymal angiotensin converting enzyme. Jaiswal AK, et al. **Andrologia** 1985 Jan-Feb;17(1):92-7

Conversion and inactivation of opioid peptides by rabbit brain endo-oligopeptidase A. Camargo AC, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):932-8

Comparison of dipeptidyl carboxypeptidase and endopeptidase activities in the three enkephalin-hydrolysing metallopeptidases: 'angiotensin-converting enzyme', thermolysin and 'enkephalinase'. Malfroy B, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):372-8

Substance K and substance P as possible endogenous substrates of angiotensin converting enzyme in the brain. Thiele EA, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):317-24

Structure and functions of human angiotensin I converting enzyme (kininase II). Erdös EG, et al. **Biochem Soc Trans** 1985 Feb;13(1):42-4

Chemistry of a human monocyte-derived cell line (U937): identification of the angiotensin I-converting activity as leukocyte cathepsin G. Snyder RA, et al. **Blood** 1985 Jan; 65(1):176-82

Angiotensin-converting enzyme in discrete forebrain areas of spontaneously hypertensive rats. Chevillard C, et al. **Brain Res** 1984 Sep 10;309(2):389-92

Localization of renin (EC 3.4.23) and converting enzyme (EC 3.4.15.1) in nerve endings of rat brain. Paul M, et al.

Brain Res 1985 May 20;334(2):315-24

Angiotensin converting enzyme and hypoxia. Milledge JS. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):481-5

Kinetic studies of rat renin and tonin on purified rat angiotensinogen. Gutkowska J, et al. **Can J Biochem Cell Biol** 1984 Feb-Mar;62(2-3):137-42

Angiotensin converting enzyme. A possible histologic indicator for human renal cell carcinoma. Takada Y, et al. **Cancer** 1985 Jul 1;56(1):130-3

Angiotensin-converting enzyme, enkephalinase A and aminopeptidases in the breakdown of enkephalin--studies in cell cultures. Lentzen H, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1829-32

Pindolol decreases plasma angiotensin converting enzyme activity in young spontaneously hypertensive rats. Niwa M, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1765-8

Angiotensin converting enzyme and substance P changes in blister fluid following afferent nerve stimulation in the rat. Jackson B, et al. **Clin Exp Pharmacol Physiol** 1985 Mar-Apr;12(2):187-91

Development of angiotensin converting enzyme in fetal lung and placenta of the rat and human. Sim MK, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):497-501

Angiotensin-converting enzyme in the male rat reproductive system: autoradiographic visualization with [3H]captopril. Strittmatter SM, et al. **Endocrinology** 1984 Dec; 115(6):2332-41

Kallikrein and kininases in ocular tissues. Igić R. **Exp Eye Res** 1985 Jul;41(1):117-20

Cleavage of des-Arg9-bradykinin by angiotensin I-converting enzyme from pig kidney cortex. Oshima G, et al. **Experientia** 1985 Mar 15;41(3):325-8

Comparison of renin and converting enzyme inhibition in sodium-deficient dogs. Blaine EH, et al. **Hypertension** 1985 May-Jun;7(3 Pt 2):166-71

Kinetics of pulmonary angiotensin-converting enzyme and 5'-nucleotidase in vivo. Catravas JD, et al. **J Appl Physiol** 1984 Oct;57(4):1173-81

Kinetics of pulmonary angiotensin-converting enzyme activity in conscious developing lambs. Pitt BR, et al. **J Appl Physiol** 1984 Oct;57(4):1158-66

Regulation of angiotensin I-converting enzyme activity in serially cultivated bovine endothelial cells. Rosen EM, et al. **J Cell Physiol** 1985 Jan;122(1):30-8

Angiotensin I-converting enzyme in amniotic fluid. Yasui T, et al. **J Lab Clin Med** 1984 Nov;104(5):741-51

Low activity of angiotensin-converting enzyme in cerebral microvessels of young spontaneously hypertensive rats. Kobayashi H, et al. **J Neurochem** 1985 Apr;44(4):1318-20

Renin and angiotensin-converting enzyme in human neuroblastoma tissue. Mizuno K, et al. **J Neurochem** 1985 Aug;45(2):626-9

Apparent kinetics of angiotensin converting enzyme: hydrolysis of [3H]benzoyl-phenylalanyl-alanyl-proline in the isolated perfused lung. Ashton JH, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):602-7

The role of bestatin-sensitive aminopeptidase, angiotensin converting enzyme and thiorphan-sensitive 'enkephalinase' in the potency of enkephalins in the guinea-pig ileum. Aoki K, et al. **Jpn J Pharmacol** 1984 Sep;36(1):59-65

Neutral metalloendopeptidase in human male genital tract. Comparison to angiotensin I-converting enzyme. Erdös EG, et al. **Lab Invest** 1985 Apr;52(4):437-47

Testicular angiotensin I-converting enzyme (E.C. 3.4.15.1). Velletri PA. **Life Sci** 1985 Apr 29;36(17):1597-608

Hydrolysis of substance p and neurotensin by converting enzyme and neutral endopeptidase. Skidgel RA, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):769-76

Novel activity of human angiotensin I converting enzyme: release of the NH2- and COOH-terminal tripeptides from the luteinizing hormone-releasing hormone. Skidgel RA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1025-9

Lung angiotensin converting enzyme activity in chronically hypoxic rats. Kay JM, et al. **Thorax** 1985 Aug;40(8):587-91

Tripeptidyl carboxypeptidase activity of angiotensin-converting enzyme in human tissues of the urogenital tract. van Sande M, et al. **Urol Int** 1985; 40(2):100-2

[Change of lung lavage levels of angiotensin converting enzyme activity in mice with BCG-induced granulomatous pulmonary inflammation] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):474-8 (Eng. Abstr.) **(Jpn)**

[Biochemical aspects of microvascular injuries caused by various drugs with toxic effects on the lung in dogs] Nukiwa T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1072-6 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

[Kininase of karakurt venom: its physico-chemical properties and the kinetics of bradykinin breakdown] Golubenko Z, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1265-9 **(Rus)**

PHYSIOLOGY

Lack of evidence for the participation of tonin in the pathogenesis of one-kidney, one-clip renovascular hypertension. Seto S, et al. **Circ Res** 1984 Nov;55(5):580-4

Converting enzyme-induced reversible deterioration of renal function in a patient with unilateral renal artery stenosis [letter] Kremer Hovinga TK, et al. **Clin Nephrol** 1984 Aug; 22(2):106-7

Angiotensin and converting enzyme regulate extrarenal salt excretion in ducks. Wilson JX, et al. **Endocrinology** 1985 Jul;117(1):135-40

Impairment of granulomatous inflammatory response to Histoplasma capsulatum by inhibitors of angiotensin-converting enzyme. Deepe GS Jr, et al. **Infect Immun** 1985 May;48(2):395-401

KININOGENASE see **KALLIKREIN**

KININOGENS

Isolation of a human cDNA for alpha 2-thiol proteinase inhibitor and its identity with low molecular weight kininogen. Ohkubo I, et al. **Biochemistry** 1984 Nov 20; 23(24):5691-7

ANALYSIS

T-kinin and T-kininogen--children of new technology. Greenbaum LM. **Biochem Pharmacol** 1984 Oct 1; 33(19):2943-4

The hemolytic activity of citral: evidence for free radical participation. Tamir I, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2945-50

Kallikrein-kinins in the central nervous system. Scicli AG, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1731-8

Major acute phase alpha 1-protein of the rat is homologous to bovine kininogen and contains the sequence for bradykinin: its synthesis is regulated at the mRNA level. Cole T, et al. **FEBS Lett** 1985 Mar 11;182(1):57-61

BIOSYNTHESIS

[mRNA localization and content in bovine kininogen] Sulimova GE, et al. **Biokhimiia** 1985 Feb;50(2):279-88 (Eng. Abstr.) **(Rus)**

BLOOD

T-kininogen--the major plasma kininogen in rat adjuvant arthritis. Barlas A, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):280-6

Kininogen, esterase and kininase activities in human peripheral venous plasma and in plasma from the intervillous space of human placenta, before and during labor. Silva RO, et al. **Braz J Med Biol Res** 1984; 17(1):27-34

Influence of oral contraceptives and pregnancy on constituents of the kallikrein-kininogen system in plasma. Adam A, et al. **Clin Chem** 1985 Sep;31(9):1533-6

Human kininogens of low and high molecular mass: quantification by radioimmunoassay and determination of reference values. Adam A, et al. **Clin Chem** 1985 Mar; 31(3):423-6

Determination of human plasma kininogen by a single radial immunodiffusion method and the bradykinin equivalent. Hamberg U, et al. **Clin Chim Acta** 1984 Sep 29; 142(2):211-20

Kinetic studies on surface-mediated activation of bovine factor XII and prekallikrein. Effects of kaolin and high-Mr kininogen on the activation reactions. Sugo T, et al. **Eur J Biochem** 1985 Jan 2;146(1):43-50

Experimental arteriosclerosis and the plasma kininogen and low molecular weight kininogen antigen concentration in rabbits. Kleniewski J, et al. **Exp Pathol** 1985;27(4):221-6

Sympathetic activity, plasma renin activity (PRA) and kininogen levels in patients haemodialysed with acetate and bicarbonate. Ksiazek A, et al. **Int Urol Nephrol** 1984; 16(4):337-44

Purification and characterization of rat low molecular weight kininogen. Sakamoto W, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):81-8

Rat plasma high-molecular-weight kininogen. A simple method for purification and its characterization. Hayashi I, et al. **J Biol Chem** 1985 May 25;260(10):6115-23

Reduction of contact factors in sickle cell disease. Gordon EM, et al. **J Pediatr** 1985 Mar;106(3):427-30

Potentiative effect of angiotensin converting enzyme inhibitor on carrageenan edema in rats and the role of tissue kininogen. Suda H, et al. **J Pharmacobiodyn** 1984 Jun; 7(6):372-7

Demonstration of the third kininogen in high and low molecular weight kininogens-deficient Brown Norway Katholiek rat. Hayashi I, et al. **Thromb Res** 1984 Dec 15; 36(6):509-16

[Changes in kininogens, kininogenases and fibrinolysis in the blood of parturients] Czokalo M, et al. **Ginekol Pol** 1984 Dec;55(12):911-7 (Eng. Abstr.) **(Pol)**

[Effect of clonidine on various components of the plasma kinin system in patients with arterial hypertension] Kolber-Postepska B, et al. **Pol Tyg Lek** 1984 Apr 9; 39(15):505-8 (Eng. Abstr.) **(Pol)**

[Activity of the kinin and renin systems in patients treated with hemodialysis using acetate and bicarbonate liquid] Ksiazek A, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):89-92 (Eng. Abstr.) **(Pol)**

[Various hemodynamic and humoral indicators in the hypertensive crisis] Zholob VM, et al. **Vrach Delo** 1985 Feb;(2):73-6 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

A simple and sensitive method for determination of human urinary kallikrein activity (kininogenase activity), using human low molecular weight kininogen. Kondo M, et al. **Endocrinol Jpn** 1984 Oct;31(5):635-43

GENETICS

Structural organization of the human kininogen gene and a model for its evolution. Kitamura N, et al. **J Biol Chem** 1985 Jul 15;260(14):8610-7

Cloning and sequence analysis of cDNAs for human high molecular weight and low molecular weight prekininogens. Primary structures of two human prekininogens. Takagaki Y, et al. **J Biol Chem** 1985 Jul 15;260(14):8601-9

ISOLATION & PURIFICATION

Immunopurification of human plasma kininogens. Kärkkäinen T. **Mol Immunol** 1985 May;22(5):589-95

[Single-chain, low molecular weight kininogen in the blood plasma of rabbits: isolation and fragmentation by porcine pancreatic kallikrein] Levina GO, et al. **Biokhimiia** 1985 Feb;50(2):325-36 (Eng. Abstr.) **(Rus)**

METABOLISM

Demonstration of arginyl-bradykinin moiety in rat HMW kininogen: direct evidence for liberation of bradykinin by rat glandular kallikreins. Kato H, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):289-95

Receptors for high molecular weight kininogen on stimulated washed human platelets. Greengard JS, et al. **Biochemistry** 1984 Dec 18;23(26):6863-9

Characterization of a kininogenase from rat vascular tissue resembling tissue kallikrein. Nolly H, et al. **Circ Res** 1985 Jun;56(6):816-21

Limited proteolysis of human low-molecular-mass kininogen by tissue kallikrein. Isolation and characterization of the heavy and the light chains. Müller-Esterl W, et al. **Eur J Biochem** 1985 May 15;149(1):15-22

A new function of kininogens as thiol-proteinase inhibitors: inhibition of papain and cathepsins B, H and L by bovine, rat and human plasma kininogens. Sueyoshi T, et al. **FEBS Lett** 1985 Mar 11;182(1):193-5

Interaction of factor XII, high-molecular-weight (HMW) kininogen and prekallikrein with sulfatide: analysis by fluorescence polarization. Shimada T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1637-44

Cleavage of human high molecular weight kininogen by factor XIa in vitro. Effect on structure and function. Scott CF, et al. **J Biol Chem** 1985 Sep 5;260(19):10856-63

Regulation of the coagulant activity and surface binding of high molecular weight kininogen. Colman RW, et al. **Trans Assoc Am Physicians** 1984;97:113-23

[Kallikrein-kinin system of the lymph in early post-resuscitation period] Minnebaev MM, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):45-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Human plasma kininogens are identical with alpha-cysteine proteinase inhibitors. Evidence from immunological, enzymological and sequence data. Müller-Esterl W, et al. **FEBS Lett** 1985 Mar 25;182(2):310-4

PHYSIOLOGY

Present knowledge on contact factors. Theoretical and practical aspects. Soulier JP, et al. **Rev Fr Transfus Immunohematol** 1984 Dec;27(6):785-805 (68 ref.)

SECRETION

Influx of kininogens into nasal secretions after antigen challenge of allergic individuals. Baumgarten CR, et al. **J Clin Invest** 1985 Jul;76(1):191-7

KININS

ANALYSIS

T-kinin and T-kininogen--children of new technology. Greenbaum LM. **Biochem Pharmacol** 1984 Oct 1; 33(19):2943-4

Kallikrein-kinins in the central nervous system. Scicli AG, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1731-8

Regional distribution and characterization of kinin in the CNS of the rat. Kariya K, et al. **J Neurochem** 1985 Jun; 44(6):1892-7

Chemical and immunochemical characterisation of substance P-like immunoreactivity and physalaemin-like immunoreactivity in a carcinoid tumour. Conlon JM, et al. **Regul Pept** 1985 Jun;11(2):117-32

[Kallikrein-kinin system of the synovial fluid in closed injury to the knee joint] Maslennikov EIu, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):59-62 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

[Modification of the toxicity of Bothrops atrox poison by interventions in the coagulation and kallikrein system of prey] Meier J, et al. **Folia Haematol (Leipz)** 1984; 111(6):877-82 (Eng. Abstr.) **(Ger)**

[Effect of parmidin on the course of tuberculosis under isoniazid therapy] Solov'eva IP, et al. **Vrach Delo** 1984 Sep;

(9):70-3 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

A kinin-generating amidase activated by trypsin in rat urine. Morimoto S, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov; 32(11):4572-9

Gabexate mesilate (FOY) and aprotinin. A comparative study of the effects on trypsin-induced activation of the kinin and complement systems in vivo and in vitro. Lasson A, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec; 365(12):1409-15

BLOOD

Interaction between C1-INA, coagulation, fibrinolysis and kinin system in hereditary angioneurotic edema (HANE) and urticaria. Bork K, et al. **Arch Dermatol Res** 1984; 276(6):375-80

The plasma kallikrein kinin system in severely ill and traumatised patients. Cumming AD, et al. **Arch Emerg Med** 1984 Sep;1(3):135-42

The kinin-forming enzyme system in pregnancy and obstetrical DIC. Maki M, et al. **Bibl Haematol** 1983; (49):239-46

The role of the kinin system in various inflammatory models in the rat. Damas J, et al. **Int J Tissue React** 1984;6(5):391-9

Effects of purified hog pancreatic kallikrein on the kinin-prostaglandin system and renin-angiotensin-aldosterone system. Honda M, et al. **Nephron** 1985;41(1):34-8

Acute and chronic effects of captopril on the renin-angiotensin and kallikrein-kinin systems affecting blood pressure and natriuresis. Kida O. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):343-52

Activation of the plasma kallikrein-kinin system through activation of factor XII. Katori M, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):187-91

[Activation of the kallikrein-kinin system by clonidine] Kühne H, et al. **Z Gesamte Inn Med** 1984 Nov 15; 39(22):566-9 (Eng. Abstr.) **(Ger)**

[Activation of the kallikrein-kinin system by endotoxin in the experimental shock model of the rat] Kühne H, et al. **Z Med Lab Diagn** 1985;26(2):67-70 (Eng. Abstr.) **(Ger)**

[Behavior of the kallikrein-kinin system on alcohol ingestion] Hatake K. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Mar; 19(1):32-62 (Eng. Abstr.) **(Jpn)**

[Effects of various drugs and fluid on the blood coagulation-fibrinolysis and kinin systems in canine hemorrhagic shock] Hatano K. **Masui** 1985 May;34(5):637-48 (Eng. Abstr.) **(Jpn)**

[Effects of captopril on renin-angiotensin-aldosterone system and kallikrein-kinin system in patients with essential hypertension] Kida O, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov;26(11):1487-93 (Eng. Abstr.) **(Jpn)**

[The kallikrein-kinin system in renovascular hypertension] Kushiro T. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):823-9 (Eng. Abstr.) **(Jpn)**

[Effect of enalapril maleate (MK-421) on blood pressure, renin-angiotensin system and kallikrein-kinin system in patients with essential hypertension] Shionoiri H, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):759-65 (Eng. Abstr.) **(Jpn)**

[The acute effects of the new angiotensin I-converting enzyme inhibitor, enalapril maleate, on blood pressure, plasma renin, aldosterone and kinins in hypertensive patients] Gotoh M, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):619-29 (Eng. Abstr.) **(Jpn)**

[The effects of hog pancreatic kallikrein on the plasma kinins-prostaglandins and renin-angiotensin-aldosterone systems] Nagashima Y, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1031-40 (Eng. Abstr.) **(Jpn)**

[Plasma kallikrein-kinin system in liver diseases--especially in alcoholic liver injuries] Fujii M. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):450-8 (Eng. Abstr.) **(Jpn)**

[Disorders of the kallikrein-kinin system in patients with chronic kidney failure during hemodialysis treatment] Neimark MI. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):42-5 (Eng. Abstr.) **(Rus)**

[Effect of thymalin on the function of the blood kallikrein-kinin system in thymectomized rats] Kiselev VI, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):654-6 (Eng. Abstr.) **(Rus)**

[Activation of the blood kallikrein-kinin system in disseminated intravascular coagulation in rats. The significance of the pulmonary component and an attempt at correction with aspirin] Meshcheriakov GN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):278-81 (Eng. Abstr.) **(Rus)**

[Effect of heparin and fepromaron on the kallikrein-kinin system in pituitrin-induced hypertension] Semenchenko MV. **Farmakol Toksikol** 1985 May-Jun;48(3):74-7 (Eng. Abstr.) **(Rus)**

[Blood kinins and inhibitory therapy in peptic ulcer] Babalich AK, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):75-7 (Eng. Abstr.) **(Rus)**

[The function of the kallikrein-kinin system in obstructive jaundice patients] Brusnitsyna MA. **Klin Khir** 1984 Sep; (9):19-21 (Eng. Abstr.) **(Rus)**

[The blood kallikrein-kinin system after pancreatoduodenal resections] Kobets LG, et al. **Klin Khir** 1984 Nov;(11):8-10 (Eng. Abstr.) **(Rus)**

[Kallikrein-kinin, fibrinolytic and coagulation systems of the blood of patients with salmonellosis treated with indomethacin] Pak SG, et al. **Klin Med (Mosk)** 1984 Oct; 62(10):99-102 **(Rus)**

[Indices of the blood kallikrein-kinin and coagulating systems in hypertension patients during treatment] Zholob VM, et al. **Klin Med (Mosk)** 1985 Jan;63(1):74-8 (Eng. Abstr.) **(Rus)**

[Function of the blood kallikrein-kinin system in surgical injury and hypoxia of the liver in experiments] Dederer IuM, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):49-52 (Eng. Abstr.) **(Rus)**

[Changes in the kallikrein-kinin system of the blood in bronchopulmonary diseases of young children] Maslikova GV, et al. **Pediatriia** 1985 Mar;(3):57-8 **(Rus)**

[Kallikrein-kinin system of the blood in peptic ulcer] Dorofeev GI, et al. **Sov Med** 1985;(3):16-20 (Eng. Abstr.) **(Rus)**

[The kallikrein-kinin system in dust-induced bronchitis] Lapshina IM, et al. **Sov Med** 1984;(11):16-21 (Eng. Abstr.) **(Rus)**

[The kallikrein-kinin system in chronic respiratory insufficiency] Panfilov IuA, et al. **Sov Med** 1985;(2):9-12 (Eng. Abstr.) **(Rus)**

[Disorders of the kallikrein-kinin, renin-angiotensin and sympathetic-adrenal systems in chronic kidney failure patients during hemodialysis treatment] Neimark MI. **Ter Arkh** 1984;56(9):102-5 (Eng. Abstr.) **(Rus)**

[Indicators of cardiohemodynamics and components of the kinin system of blood plasma in patients with salmonellosis treated by various methods] Pak SG, et al. **Ter Arkh** 1985; 57(5):122-7 (Eng. Abstr.) **(Rus)**

[The kallikrein-kinin system in rosacea patients] Glukhen'kii BT, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):30-2 (Eng. Abstr.) **(Rus)**

[State of the kallikrein-kinin system in blood from the heart ventricle in the dynamics of spontaneous hypertension in the rat] Karpitskii VV. **Vopr Med Khim** 1984 Sep-Oct; 30(5):110-3 (Eng. Abstr.) **(Rus)**

[Effect of diet therapy on indices of the activity of the plasma kallikrein-kinin system of young and middle-aged ischemic heart disease patients] Samsonov MA, et al. **Vopr Pitan** 1984 Sep-Oct;(5):11-5 (Eng. Abstr.) **(Rus)**

[State of the blood kinin system in patients with adrenal hypertension] Bezverkhaia TP, et al. **Vrach Delo** 1984 Dec; (12):64-6 (Eng. Abstr.) **(Rus)**

[Changes in the indicators of the kallikrein-kinin system and pressure in the lesser circulation in acute bronchopulmonary pathology] Chebotareva VD, et al. **Vrach Delo** 1985 Apr;(4):56-8 (Eng. Abstr.) **(Rus)**

[Microcirculation and the function of the blood kallikrin-kinin system in chronic suppurative bronchitis patients with bronchiectasis] Kopylova SA. **Vrach Delo** 1984 Oct;(10):35-7 **(Rus)**

[The blood kallikrein-kinin system of acute myocardial infarct patients] Miagkov II, et al. **Vrach Delo** 1984 Aug; (8):14-6 (Eng. Abstr.) **(Rus)**

[Indicators of the kallikrein-kinin system of the blood in patients with recurrent rheumocarditis and circulatory insufficiency] Salovai VA. **Vrach Delo** 1985 Jun;(6):8-10 (Eng. Abstr.) **(Rus)**

[Hemodynamic and neurohumoral factors in pulmonary edema in patients with acute myocardial infarction] Shustval' NF. **Vrach Delo** 1985 Jun;(6):1-5 (Eng. Abstr.) **(Rus)**

[Activation of the kallikrein-kinin system of the blood in hypertension and atherosclerosis with transient cerebral circulatory disorders] Vizir AD, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1152-4 (Eng. Abstr.) **(Rus)**

METABOLISM

The kallikrein-kinin system in operated and non-operated patients with acute pancreatitis. Hiltunen J, et al. **Acta Chir Scand** 1985;151(4):371-5

Kinin cleavage by human erythrocytes. Sidorowicz W, et al. **Am J Hematol** 1984;17(4):383-91

Kinin stimulation of renin release in isolated rat glomeruli. Beierwaltes WH, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F757-61

Specific labeling of rat brain substance P receptor with [3H]physalaemin. Mohini P, et al. **J Neurosci** 1985 Aug; 5(8):2078-85

Comparison of kinins derived from rat stomach tissue and produced by catheptic enzyme in rat stomach. Kobayashi M, et al. **Jpn J Pharmacol** 1984 Oct;36(2):169-75

Specific binding of [3H-Tyr8]physalaemin to rat submaxillary gland substance P receptor. Bahouth SW, et al. **Mol Pharmacol** 1985 Jan;27(1):38-45

Role of renal kallikrein in the derangement of sodium and water excretion in cirrhotic patients. Hattori K, et al. **Scand J Gastroenterol** 1984 Sep;19(6):844-8

Biological stress induced by extracorporeal circulation: comparison between cardiopulmonary bypass, hemodialysis and plasma exchange. Stratta P, et al. **Trans Am Soc Artif Intern Organs** 1984;30:502-7

[Renal kallikrein-kinin system. Biochemical and clinical aspects] Kuska J, et al. **Postepy Hig Med Dosw** 1984 Mar-Apr;38(2):169-85 (91 ref.) (Eng. Abstr.) **(Pol)**

[Role of proteolytic enzymes and vasoactive kinins in the pathogenesis of periodontosis] Khomenko LA. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):24-6 (Eng. Abstr.) **(Rus)**

[Changes in the activity of enzymes of renin-angiotensin and kinin systems in the rat brain after adrenalectomy and administration of hydrocortisone] Kalinskaia LN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):35-40 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Hylambatin, a structurally unique tachykinin: effects on insulin and glucagon secretion. Güllner HG, et al. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):304-9

Kinin effects on chloride secretion do not require eicosanoid synthesis. Cuthbert AW, et al. **Br J Pharmacol** 1984 Oct; 83(2):549-54

Comparative studies on the effects of cholecystokinins, caerulein, bombesin 6-14 nonapeptide, and physalaemin on gastric secretion in the ascidian Styela clava. Thorndyke MC, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):251-9

Possible influence of tachykinins on body fluid homeostasis in the rat. Cantalamessa F, et al. **J Physiol (Paris)** 1984; 79(6):524-30

Some characterization of the responses to substance P and other tachykinins in rabbit iris sphincter muscle. Hosoki R, et al. **Jpn J Pharmacol** 1985 Feb;37(2):159-65

Substance P antagonists and the role of tachykinins in non-cholinergic bronchoconstriction. Karlsson JA, et al. **Life Sci** 1984 Dec 24;35(26):2681-91

The effect of kinins on paw oedema and uterus in rats. Whalley ET, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Dec; 328(2):202-6

[Effect of kinins on the central nervous system (review)] Posokhov VV. **Zh Nevropatol Psikhiatr** 1985;85(5):774-8 (106 ref.) **(Rus)**

PHYSIOLOGY

The renal kallikrein-kinin system in spontaneously hypertensive rats. Bönner G, et al. **Agents Actions** 1984 Oct;15(3-4):111-8

The kinin system in exercise-induced asthma. Neuman I, et al. **Ann Allergy** 1984 Oct;53(4):351-4

Relationships among the complement, kinin, coagulation and fibrinolytic systems in the inflammatory reaction. Sundsmo JS, et al. **Clin Physiol Biochem** 1983;1(2-5):225-84 (391 ref.)

Roles of endogenous angiotensin II or kinin in the mechanism of altered renal vascular responsiveness to angiotensin II following acute blood volume expansion in the dog. Akabane S, et al. **Jpn J Pharmacol** 1984 Oct;36(2):235-40

Independent action of prostaglandins and kinins on vasopressin-stimulated water flow. Carvounis G, et al. **Kidney Int** 1985 Mar;27(3):512-6

Studies of the kallikrein-kinin system and prostaglandins in epithelial ion transport. Margolius HS, et al. **Soc Gen Physiol Ser** 1985;39:121-33 (41 ref.)

[Pharmacological mechanism of modern diuretics. Role of prostaglandins, kallikrein and kinins] Omata K, et al. **Nippon Rinsho** 1984 Sep;42(9):2001-8 (42 ref.) **(Jpn)**

[Pharmacology of the kallikrein-kinin system] Shimamoto K, et al. **Nippon Rinsho** 1985 May;43(5):964-70 (18 ref.) **(Jpn)**

[Agents to improve cerebrovascular circulation and cerebral metabolism--the kallikrein-kinin system] Shio H. **Nippon Rinsho** 1985 Feb;43(2):409-12 (12 ref.) **(Jpn)**

[Role of the kallikrein-kinin system and prostaglandins in the action of dopamine on blood flow and sodium transport in the rat kidney] Kuz'min OB, et al. **Fiziol Zh SSSR** 1985 May;71(5):619-24 (Eng. Abstr.) **(Rus)**

SECRETION

Inflammatory mediators in late antigen-induced rhinitis. Naclerio RM, et al. **N Engl J Med** 1985 Jul 11;313(2):65-70

[The kidney as an endocrine organ. I. Renin-angiotensin and kallikrein-kinin systems and renal prostaglandins] Kokot F. **Pol Arch Med Wewn** 1984 Dec;72(6):313-20 **(Pol)**

URINE

A radioimmunoassay method for measurement of urinary kinins. del Cañizo-Gomez FJ, et al. **Horm Res** 1984; 20(2):143-9

[A case of Bartter's syndrome--special reference to tubular function, the prostaglandin and the kallikrein-kinin system in the kidney] Ishiyama N, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):113-21 (Eng. Abstr.) **(Jpn)**

[A comparative study of C19 steroid-induced hypertension and deoxycorticosterone acetate (DOCA)-salt hypertension] Manabe R, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Nov 20; 60(11):1328-37 (Eng. Abstr.) **(Jpn)**

KINKY HAIR SYNDROME see under **BRAIN DISEASES, METABOLIC**

KIRSTEN SARCOMA VIRUS see under **MOUSE SARCOMA VIRUSES**

KITASAMYCINS see **LEUCOMYCINS**

KITS, DIAGNOSTIC REAGENT see **REAGENT KITS, DIAGNOSTIC**

KLEBSIELLA

Habitat association of Klebsiella species. Bagley ST. **Infect Control** 1985 Feb;6(2):52-8 (94 ref.)

Antitumor activity of Klebsiella 03 lipopolysaccharide in mice. Miyamoto K, et al. **Jpn J Pharmacol** 1984 Sep; 36(1):51-7

ANALYSIS

Structure of the polysaccharide moiety of the Klebsiella O3 lipopolysaccharide isolated from culture supernatant of decapsulated mutant (Klebsiella O3:K1-). Hasegawa T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):333-9

Formation of a hexagonal lattice structure by an R-form lipopolysaccharide of Klebsiella sp. Kato N, et al. **J Bacteriol** 1985 Jun;162(3):1142-50

CLASSIFICATION

Biochemical and serologic characterization of Klebsiella strains from bovine mastitis and the environment of the dairy cow. Nonnecke BJ, et al. **Am J Vet Res** 1984 Nov; 45(11):2451-4

Klebsiella marker systems. Rubin SJ. **Infect Control** 1985 Feb; 6(2):59-63

Latex agglutination text for O serogrouping of Klebsiella species. Fujita S, et al. **Microbiol Immunol** 1984;28(6):731-4

[Nomenclature and taxonomy of bacteria of the tribe Klebsielleae] Bondarenko VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):99-105 (64 ref.) **(Rus)**

DRUG EFFECTS

Doxycycline sensitivity in Klebsiella isolates from sputum. Atukorala SD, et al. **Ceylon Med J** 1984 Sep;29(3):157-8

Germicidal persistence of teat dips by modified excised teat procedure. Schmidt AL, et al. **J Dairy Sci** 1985 Jan; 68(1):158-62

ENZYMOLOGY

Depolymerization of capsular polysaccharide by glycanase activity of Klebsiella bacteriophage phi 51. Chakraborty AK. **Indian J Biochem Biophys** 1985 Feb;22(1):22-6

GENETICS

Plasmid-determined cloacin DF13-susceptibility in Enterobacter cloacae and Klebsiella edwardsii; identification of the cloacin DF13/aerobactin outer membrane receptor proteins. Krone WJ, et al. **Antonie Van Leeuwenhoek** 1985;51(2):203-18

IMMUNOLOGY

Bacteriophage degradation of Klebsiella K44 polysaccharide: an n.m.r. study and chemical proof of the position of the acetate group. Dutton GG, et al. **Carbohydr Res** 1985 May 15;138(2):277-91

Induction of increased antibody responses to pneumococcal type 19F polysaccharide by Klebsiella polysaccharide. Lee CJ, et al. **J Infect Dis** 1985 Apr;151(4):658-64

Chemiluminescence of human leukocytes stimulated by clinical isolates of Klebsiella. Simoons-Smit AM, et al. **J Med Microbiol** 1985 Jun;19(3):333-8

Antiserum to Klebsiella K43 BTS 1 specifically lyses lymphocytes of HLA-B27-positive patients with ankylosing spondylitis from a London population. Archer JR, et al. **Lancet** 1985 Feb 9;1(8424):344-5

Cross-reactivity of anti-Klebsiella K43 BTS 1 serum and lymphocytes of patients with ankylosing spondylitis: antipodean curiosity? [letter] Geczy AF, et al. **Lancet** 1985 May 18;1(8438):1169

Cross-reactivity of anti-Klebsiella K43 antiserum and lymphocytes from HLA-B27-positive patients with ankylosing spondylitis [letter] Struthers GR. **Lancet** 1985 Mar 30;1(8431):764

Adjuvant activity of Klebsiella O3 lipopolysaccharide: inhibition of the adjuvant activity by concanavalin A. Kato N, et al. **Microbiol Immunol** 1985;29(3):205-11

ISOLATION & PURIFICATION

Isolation of Klebsiella ozaenae from a corneal abscess. Janda WM, et al. **Am J Clin Pathol** 1985 May;83(5):655-7

Selective medium for the isolation and enumeration of Klebsiella spp. Wong SH, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1022-4

A search for gram-negative enteric micro-organisms in acute anterior uveitis: association of klebsiella with recent onset of disease, HLA-B27, and B7 CREG. White L, et al. **Br J Ophthalmol** 1984 Oct;68(10):750-5

Klebsiella oxytoca isolates in a general hospital. Alvarez S, et al. **Infect Control** 1985 Aug;6(8):310-3

New, simple medium for selective recovery of Klebsiella pneumoniae and Klebsiella oxytoca from human feces. Van Kregten E, et al. **J Clin Microbiol** 1984 Nov;20(5):936-41

[Media for isolating Klebsiella] Gorchenina LV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):19-22 (25 ref.) **(Rus)**

KLEBSIELLA AEROGENES see **KLEBSIELLA PNEUMONIAE**

KLEBSIELLA INFECTIONS

'Spontaneous' Klebsiella pneumoniae septicemia with ocular and meningeal localizations [letter] Muller JP, et al. **Arch Ophthalmol** 1985 Aug;103(8):1109

A confused diabetic with fever, pain, nausea. Kennedy DJ, et al. **Hosp Pract [Off]** 1985 May 30;20(5A):19-21

A Vietnamese woman with chills and fever. Talcott J. **Hosp Pract [Off]** 1984 Nov;19(11):88JJ, 88OO, 88RR

Neonatal gram negative pyogenic meningitis: therapeutic evaluation. Reddy MD, et al. **Indian J Pediatr** 1985 Jan-Feb;52(414):53-6

[Acute suppurative thyroiditis] Naafs MA, et al. **Ned Tijdschr Geneeskd** 1985 Jul 6;129(27):1292-3 (Eng. Abstr.) **(Dut)**

[Bilateral endogenous Klebsiella endophthalmitis] Malan P, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):961-4 (Eng. Abstr.) **(Fre)**

BLOOD

Endotoxinemia and thrombocytopenia during neonatal necrotizing enterocolitis. Scheifele DW, et al. **Am J Clin Pathol** 1985 Feb;83(2):227-9

COMPLICATIONS

Toxic epidermal necrolysis probably due to Klebsiella pneumoniae sepsis. de Groot R, et al. **Dermatologica** 1984; 169(2):88-90

Neonatal cholestatic jaundice with Klebsiella septicemia. Kishan J, et al. **Indian Pediatr** 1984 Nov;21(11):865-8

Toxic epidermal necrolysis in a 6-week-old infant. Hawk RJ, et al. **Pediatr Dermatol** 1985 Mar;2(3):197-200

Kawasaki disease associated with Klebsiella pneumoniae bacteremia and parainfluenza type 3 virus infection. Johnson D, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):100

[Neonatal hepatitis with severe cholestasis as a complication of infantile septicemia] Karczewska K, et al. **Pediatr Pol** 1984 May;59(5):417-21 **(Pol)**

[Pleural effusion in bacterial pneumonia] Gryminski J. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):549-55 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Enteropathogens colonisation of the jejunum in paediatric diarrhoea. Bhan MK, et al. **Indian J Med Res** 1985 Feb; 81:133-9

[Clinico-morphological aspects of Klebsiella infections] Nesvetov AM, et al. **Sov Med** 1984;(7):43-6 (Eng. Abstr.) **(Rus)**

[Criteria and methods of etiological diagnosis of acute and chronic inflammatory processes in the lungs] Ageeva TS, et al. **Ter Arkh** 1985;57(5):39-42 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Therapeutic efficacy of beta-lactam and aminoglycoside antibiotics on experimental pneumonia caused by Klebsiella pneumoniae B-54 in diabetic mice. Obana Y, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):941-7

Therapeutic efficacy of continuous versus intermittent administration of ceftazidime in an experimental Klebsiella pneumoniae pneumonia in rats. Roosendaal R, et al. **J Infect Dis** 1985 Aug;152(2):373-8

A randomized comparison of 1-day versus 10-day antibacterial treatment of documented lower urinary tract infection. Pfau A, et al. **J Urol** 1984 Nov;132(5):931-3

In vivo antibacterial activity of cefodizime, a new cephalosporin antibiotic. Kasai K, et al. **Jpn J Antibiot** 1984 Jul;37(7):1306-12

Failure of chloramphenicol and cefotaxime therapy in Klebsiella meningitis: possible role of antibiotic antagonism. Brown TH, et al. **South Med J** 1985 Jul;78(7):869-71

Klebsiella oxytoca endocarditis after transurethral resection of the prostate gland. Watanakunakorn C. **South Med J** 1985 Mar;78(3):356-7

[Effect of immunoglobulins on the course of therapy-resistant Klebsiella meningitis] Greulich W, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):352-7 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Bacterial endophthalmitis associated with exposed monofilament sutures following corneal transplantation. Confino J, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):111-3

Bacterial pathogens in patients with indwelling venous catheters [letter] Fischer GW, et al. **Lancet** 1985 Jun 1; 1(8440):1284

IMMUNOLOGY

Antibacterial immunity of lower airways: local or localized? Franěk J, et al. **Folia Microbiol (Praha)** 1985;30(3):247-57

Natural and acquired resistance of mice to infection by airborne Klebsiella pneumoniae after subchronic intoxication by cadmium administered orally. Bouley G, et al. **Sci Total Environ** 1984 Sep;38:55-62

MICROBIOLOGY

Isolation of Klebsiella ozaenae from a corneal abscess. Janda WM, et al. **Am J Clin Pathol** 1985 May;83(5):655-7

Prevalence of various klebocin types of Klebsiella pneumoniae in various clinical isolates. Sabherwal U, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):63-6

Klebsiella pneumoniae in a nephrological department. Kolmos HJ. **J Hosp Infect** 1984 Sep;5(3):253-9

OCCURRENCE

The epidemiology of nosocomial infections caused by Klebsiella pneumoniae. Jarvis WR, et al. **Infect Control** 1985 Feb;6(2):68-74 (43 ref.)

Klebsiella infection in a neonatal intensive care unit: role of bacteriological surveillance. Morgan ME, et al. **J Hosp Infect** 1984 Dec;5(4):377-85

Bacteraemia at the University Hospital of the West Indies--a report of 222 cases. Macfarlane DE, et al. **J Infect** 1985 Mar;10(2):126-42

Klebsiella bacteremia: an analysis of 100 episodes. Garcia de la Torre M, et al. **Rev Infect Dis** 1985 Mar-Apr; 7(2):143-50 (43 ref.)

Klebsiella infection in a neonatal intensive care unit. Laing IA, et al. **Scott Med J** 1984 Oct;29(4):218-21

PATHOLOGY

[Morphology of Klebsiella sepsis in premature newborn infants] Iliutovich TB. **Pediatriia** 1985 Mar;(3):29-32 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Staphylococcal lysate fails to elicit nonspecific immune enhancement in a simulated surgical infection. Brown GL, et al. **Am Surg** 1984 Dec;50(12):663-5

Vaccination against Klebsiella aerogenes. Roe EA, et al. **J Hyg (Lond)** 1984 Oct;93(2):355-63

Prevention of fatal experimental burn-wound sepsis due to Klebsiella pneumoniae KP1-O by immunization with homologous capsular polysaccharide. Cryz SJ Jr, et al. **J Infect Dis** 1984 Dec;150(6):817-22

Vaccination against 77 capsular types of Klebsiella aerogenes with polyvalent Klebsiella vaccines. Jones RJ, et al. **J Med Microbiol** 1984 Dec;18(3):413-21

[Passive protective activities of normal human sera against infection with strain K-9 of Klebsiella pneumoniae] Takahashi M, et al. **Kansenshogaku Zasshi** 1984 Nov; 58(11):1194-8 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Acute focal bacterial nephritis: a systematic approach to diagnosis and treatment. Zaontz MR, et al. **J Urol** 1985 May;133(5):752-7

Case profile: cystitis emphysematosa. LeDuc A, et al. **Urology** 1985 Jan;25(1):88

[Abscess-forming pneumonia in esophageal cancer. A case contribution] Billmann P, et al. **Radiologe** 1984 Oct; 24(10):475-7 (Eng. Abstr.) **(Ger)**

[Perinephric abscess radiologically mimicking dilated and perforated bowel] Hirano N, et al. **Rinsho Hoshasen** 1984 Aug;29(8):913-6 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Hepatobiliary-lung imaging. A case report. LaManna MM, et al. **Clin Nucl Med** 1985 Feb;10(2):90-2

THERAPY

Experimental Klebsiella septicemia in mice: treatment with specific antibodies from the rabbit alone and in combination with gentamicin. Trautmann M, et al. **Infection** 1985 Jan-Feb;13(1):29-34

[Therapeutic and opsonizing effect of specific antibacterial immunoglobulins in experimental Klebsiella septicemia in mice] Trautmann M, et al. **Immun Infekt** 1984 Feb; 12(1):56-60 (Eng. Abstr.) **(Ger)**

[Diagnosis and treatment of splenic abscesses] Eliakim R, et al. **Harefuah** 1984 Nov 15;107(10):287-8 (Eng. Abstr.) **(Heb)**

VETERINARY

Biochemical and serologic characterization of Klebsiella strains from bovine mastitis and the environment of the dairy cow. Nonnecke BJ, et al. **Am J Vet Res** 1984 Nov; 45(11):2451-4

KLEBSIELLA PNEUMONIAE

A thiol-activated hemolysin in gram-negative bacteria. Albesa I, et al. **Can J Microbiol** 1985 Mar;31(3):297-300

ANALYSIS

Immunological activities of RU-41740, a glycoproteic extract from Klebsiella pneumoniae. I.--Activation of murine B cells and induction of interleukin-1 production by macrophages. Guenounou M, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):59-69

Isolation and characterization of microcin E492 from Klebsiella pneumoniae. de Lorenzo V. **Arch Microbiol** 1984 Sep;139(1):72-5

Lipopolysaccharide-specific bacteriophage for Klebsiella pneumoniae C3. Tomás JM, et al. **J Bacteriol** 1985 Jun; 162(3):1276-9

CLASSIFICATION

Prevalence of various klebocin types of Klebsiella pneumoniae in various clinical isolates. Sabherwal U, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):63-6

Klebsiella marker systems. Rubin SJ. **Infect Control** 1985 Feb; 6(2):59-63

CYTOLOGY

Interactions between lateral wall elongation and septum formation during cell cycle in Klebsiella pneumoniae. Satta G, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb; 136A(1):85-9

DRUG EFFECTS

Influence of cefmenoxime, ceftriaxone, latamoxef, and ceftazidime on the lysis of Klebsiella pneumoniae: a light and electron microscopic study. Ullmann U, et al. **Am J Med** 1984 Dec 21;77(6A):21-4

Effect of subinhibitory concentrations of cephalosporins on surface properties and siderophore production in iron-depleted Klebsiella pneumoniae. Kadurugamuwa JL, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):220-3

Comparative in vitro activities of temocillin and cefazolin against Klebsiella pneumoniae. Lagast H, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):330-1

Susceptibility of chemostat-grown Yersinia enterocolitica and Klebsiella pneumoniae to chlorine dioxide. Harakeh MS, et al. **Appl Environ Microbiol** 1985 Jan;49(1):69-72

P1 bacteriophage and tellurite sensitivity in Klebsiella pneumoniae and Escherichia coli. Tomás J, et al. **Can J Microbiol** 1984 Jun;30(6):830-6

Bactericidal activity of imipenem in broth, serum and in the presence of human polymorphonuclear leukocytes against staphylococcus aureus and Klebsiella pneumoniae [letter] Bassler M, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):493-5

Resistance to antibiotics in clinical isolates of Klebsiella pneumoniae. O'Brien TF, et al. **Infect Control** 1985 Feb; 6(2):64-7

Comparative in-vitro activities of azlocillin, ticarcillin and ticarcillin plus clavulanic acid against Staphylococcus aureus, Klebsiella pneumoniae and Pseudomonas aeruginosa. Lagast H, et al. **J Antimicrob Chemother** 1985 May;15(5):633-6

Cross-resistance to nalidixic acid, trimethoprim, and chloramphenicol associated with alterations in outer membrane proteins of Klebsiella, Enterobacter, and Serratia. Gutmann L, et al. **J Infect Dis** 1985 Mar; 151(3):501-7

Effects of arsenic trioxide inhalation exposure on pulmonary antibacterial defenses in mice. Aranyi C, et al. **J Toxicol Environ Health** 1985;15(1):163-72

[Studies on minimum antibiotic concentration of cephapirin against clinically isolated strain SMK-101 of Klebsiella pneumoniae] Takahashi M, et al. **Jpn J Antibiot** 1985 Jan; 38(1):18-26 (Eng. Abstr.) **(Jpn)**

[Methods of evaluating the efficacy of combinations of aminoglycosides with penicillins and their value for the possibility of predicting the therapeutic effect in patients] Pozdniakova VP, et al. **Antibiot Med Biotekhnol** 1985 May; 30(5):369-75 (Eng. Abstr.) **(Rus)**

[Polyresistant Enterobacteriaceae strains and their plasmids in a hospital. Medical and theoretical aspects] Belokrysenko SS, et al. **Antibiotiki** 1984 Dec;29(12):924-31 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

The production of alpha-cyclodextrin by enzymatic degradation of starch. Flaschel E, et al. **Ann NY Acad Sci** 1984;434:70-7

The inactive MoFe protein (NifB-Kp1) of the nitrogenase from nifB mutants of Klebsiella pneumoniae. Its interaction with FeMo-cofactor and the properties of the active MoFe protein formed. Hawkes TR, et al. **Biochem J** 1984 Nov 1;223(3):783-92

The mechanism of Klebsiella pneumoniae nitrogenase action. The determination of rate constants required for the simulation of the kinetics of N2 reduction and H2 evolution. Lowe DJ, et al. **Biochem J** 1984 Dec 15;224(3):895-901

The mechanism of Klebsiella pneumoniae nitrogenase action. Pre-steady-state kinetics of H2 formation. Lowe DJ, et al. **Biochem J** 1984 Dec 15;224(3):877-86

The mechanism of Klebsiella pneumoniae nitrogenase action. Simulation of the dependences of H2-evolution rate on component-protein concentration and ratio and sodium dithionite concentration. Thorneley RN, et al. **Biochem J** 1984 Dec 15;224(3):903-9

The mechanism of Klebsiella pneumoniae nitrogenase action. Pre-steady-state kinetics of an enzyme-bound intermediate in N2 reduction and of NH3 formation. Thorneley RN, et al. **Biochem J** 1984 Dec 15;224(3):887-94

Studies of the inhibition by malto-oligosaccharides of the cyclisation reaction catalysed by the cyclodextrin glycosyltransferase from Klebsiella pneumoniae M 5 al with glycogen. Bender H. **Carbohydr Res** 1985 Jan 15; 135(2):291-302

Purification and properties of dihydroxyacetone kinase from Klebsiella pneumoniae. Johnson EA, et al. **J Bacteriol** 1984 Oct;160(1):55-60

Nitrogenase synthesis in Klebsiella pneumoniae: enhanced nif expression without accumulation of guanosine 5'-diphosphate 3'-diphosphate. Nair MB, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3063-9

GENETICS

Molecular basis of biological nitrogen fixation. Orme-Johnson WH. **Annu Rev Biophys Biophys Chem** 1985;14:419-59 (164 ref.)

Expression and loss of the pBR322 plasmid in Klebsiella aerogenes NCTC 418, grown in chemostat culture. Sterkenburg A, et al. **Antonie Van Leeuwenhoek** 1984; 50(4):397-404

Production of D- and L-xylulose by mutants of Klebsiella pneumoniae and Erwinia uredovora. Doten RC, et al. **Appl Environ Microbiol** 1985 Jan;49(1):158-62

Cloning of the pullulanase gene and overproduction of pullulanase in Escherichia coli and Klebsiella aerogenes. Takizawa N, et al. **Appl Environ Microbiol** 1985 Feb; 49(2):294-8

Expression of Klebsiella pneumoniae nif genes in Proteus mirabilis. Postgate JR, et al. **Arch Microbiol** 1985 Aug; 142(3):289-94

Cloning and expression of Klebsiella pneumoniae genes coding for citrate transport and fermentation. Schwarz E, et al. **EMBO J** 1985 Jun;4(6):1599-603

Structure of wild-type and mutant repressors and of the control region of the rbt operon of Klebsiella aerogenes. Wu J, et al. **EMBO J** 1985 May;4(5):1339-44

Regulatory region of the divergent Klebsiella pneumoniae lac operon. Buvinger WE, et al. **J Bacteriol** 1985 Sep; 163(3):858-62

Nucleotide sequence of Klebsiella pneumoniae lac genes. Buvinger WE, et al. **J Bacteriol** 1985 Sep;163(3):850-7

Mol- mutants of Klebsiella pneumoniae requiring high levels of molybdate for nitrogenase activity. Imperial J, et al. **J Bacteriol** 1985 Sep;163(3):1285-7

Mutational analysis of the Klebsiella pneumoniae nitrogenase promoter: sequences essential for positive control by nifA and ntrC (glnG) products. Ow DW, et al. **J Bacteriol** 1985 Mar;161(3):868-74

Regions on plasmid pCU1 required for the killing of Klebsiella pneumoniae. Thatte V, et al. **J Bacteriol** 1985 Sep;163(3):1296-9

Biosynthesis of iron-molybdenum cofactor in the absence of nitrogenase. Ugalde RA, et al. **J Bacteriol** 1984 Sep; 159(3):888-93

Expression of nitrogen fixation genes in foreign hosts. Assembly of nitrogenase Fe protein in Escherichia coli and in yeast. Berman J, et al. **J Biol Chem** 1985 May 10; 260(9):5240-3

The genetic complexity of nitrogen fixation. The ninth Fleming lecture. Dixon RA. **J Gen Microbiol** 1984 Nov; 130 (Pt 11):2745-55 (65 ref.)

Expression of Rhizobium japonicum nifH and nifDK operons can be activated by the Klebsiella pneumonia nifA protein but not by the product of ntrC. Alvarez-Morales A, et al. **MGG** 1985;199(2):306-14

A molecular genetic study of nif expression in Klebsiella pneumoniae at the level of transcription, translation and nitrogenase activity. Cannon M, et al. **MGG** 1985; 198(2):198-206

Cloning and organisation of some genes for nitrogen fixation from Azotobacter chroococcum and their expression in Klebsiella pneumoniae. Jones R, et al. **MGG** 1984; 197(2):318-27

The Klebsiella aerogenes glutamate dehydrogenase (gdhA) gene: cloning, high-level expression and hybrid enzyme formation in Escherichia coli. Mountain A, et al. **MGG** 1985;199(1):141-5

Evolutionary relationship between Tn21-like elements and pBP201, a plasmid from Klebsiella pneumoniae mediating resistance to gentamicin and eight other drugs. Schmidt F, et al. **MGG** 1984;197(1):109-19

Tn9 mutagenesis of Klebsiella pneumoniae by P1 vector. Debbia E, et al. **Microbiol Immunol** 1984;28(6):715-7

Degradation of human fibronectin by strains of E. coli K12 carrying R factors from Klebsiella pneumoniae. Mignatti P, et al. **Microbiologica** 1985 Jan;8(1):67-71

Nitrogen fixation specific regulatory genes of Klebsiella pneumoniae and Rhizobium meliloti share homology with the general nitrogen regulatory gene ntrC of K. pneumoniae. Buikema WJ, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4539-55

Tandem promoters determine regulation of the Klebsiella pneumoniae glutamine synthetase (glnA) gene. Dixon R. **Nucleic Acids Res** 1984 Oct 25;12(20):7811-30

Biochemical characterization of E. coli transconjugants with plasmids derived from Klebsiella pneumoniae. Bow H. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):98-103

[Genetic regulation of free nitrogen binding] Jakubowicz T. **Postepy Biochem** 1984;30(1-2):15-7 **(Pol)**

GROWTH & DEVELOPMENT

Influence of metabolic end-products on the growth efficiency of Klebsiella aerogenes in anaerobic chemostat culture. Teixeira de Mattos MJ, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):461-72

Competitive exclusion of uropathogens from human uroepithelial cells by Lactobacillus whole cells and cell wall fragments. Chan RC, et al. **Infect Immun** 1985 Jan; 47(1):84-9

Population shift in mannose-specific fimbriated phase of Klebsiella pneumoniae during experimental urinary tract infection in mice. Maayan MC, et al. **Infect Immun** 1985 Sep;49(3):785-9

IMMUNOLOGY

Role of the polysaccharide and of the lipopolysaccharide in the immunoprotective capacity of Klebsiella pneumoniae ribosomes. Robert D, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):293-9

Klebsiella 'modifying factor': binding studies with HLA-B27+ and B27- lymphocytes. Trapani JA, et al. **Ann Rheum Dis** 1985 Mar;44(3):169-75

Immunogenic properties of octasaccharide-protein conjugates derived from Klebsiella serotype 11 capsular polysaccharide. Zigterman JW, et al. **Infect Immun** 1985 Feb;47(2):421-8

Experimental Klebsiella septicemia in mice: treatment with specific antibodies from the rabbit alone and in combination with gentamicin. Trautmann M, et al. **Infection** 1985 Jan-Feb;13(1):29-34

In vitro effect of a ribosomal extract of Klebsiella pneumoniae on normal human polymorphonuclear neutrophil functions. Laharrague PF, et al. **Int J Immunopharmacol** 1984; 6(5):503-7

SLO4, a new interferon inducer isolated from Klebsiella pneumoniae and Escherichia coli. Stefanos S, et al. **J Immunopharmacol** 1985;7(1):43-52

Safety and immunogenicity of Klebsiella pneumoniae K1 capsular polysaccharide vaccine in humans. Cryz SJ Jr, et al. **J Infect Dis** 1985 Apr;151(4):665-71

Vaccination against 77 capsular types of Klebsiella aerogenes with polyvalent Klebsiella vaccines. Jones RJ, et al. **J Med Microbiol** 1984 Dec;18(3):413-21

Adjuvant activity of Klebsiella O3 lipopolysaccharide: comparative study using defined uniform salt forms. Kato N, et al. **Microbiol Immunol** 1984;28(6):659-66

[Therapeutic and opsonizing effect of specific antibacterial immunoglobulins in experimental Klebsiella septicemia in mice] Trautmann M, et al. **Immun Infekt** 1984 Feb; 12(1):56-60 (Eng. Abstr.) **(Ger)**

[Protective activity of a cell-free Klebsiella vaccine in infection in mice caused by Streptococcus pneumoniae serotypes] Kurbatova EA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):60-5 (Eng. Abstr.) **(Rus)**

[Protective activity of a cell-free Klebsiella vaccine in relation to different Klebsiella pneumoniae serovars] Kurbatova EA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):80-3 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Thermotolerant non-fecal source Klebsiella pneumoniae: validity of the fecal coliform test in recreational waters. Caplenas NR, et al. **Am J Public Health** 1984 Nov; 74(11):1273-5

Klebsiella pneumoniae in orange juice concentrate. Fuentes FA, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1527-9

Microbial incidence in upper respiratory tracts of workers in the paper industry. Niemelä SI, et al. **Appl Environ Microbiol** 1985 Jul;50(1):163-8

Klebsiella and acute anterior uveitis. Beckingsale AB, et al. **Br J Ophthalmol** 1984 Dec;68(12):866-8

New, simple medium for selective recovery of Klebsiella pneumoniae and Klebsiella oxytoca from human feces. Van Kregten E, et al. **J Clin Microbiol** 1984 Nov;20(5):936-41

Klebsiella pneumoniae in a nephrological department. Kolmos HJ. **J Hosp Infect** 1984 Sep;5(3):253-9

METABOLISM

Bioconversion of pentoses to 2,3-butanediol by Klebsiella pneumoniae. Jansen NB, et al. **Adv Biochem Eng Biotechnol** 1983;27:85-99 (54 ref.)

Bacterial reduction of fensulfothion and its hydrolysis product 4-methylsulfinyl phenol. Mac Rae IC, et al. **Appl Environ Microbiol** 1985 Jan;49(1):236-7

Some properties of a Klebsiella pneumoniae ammonium transport negative mutant (Amt-). Castorph H, et al. **Arch Microbiol** 1984 Oct;139(2-3):245-7

Energy expenditure for cyclic retention of NH3/NH4+ during N2 fixation by Klebsiella pneumoniae. Kleiner D. **FEBS Lett** 1985 Aug 5;187(2):237-9

Factors affecting microcin E492 production. de Lorenzo V. **J Antibiot (Tokyo)** 1985 Mar;38(3):340-5

Fermentation mechanism of fucose and rhamnose in Salmonella typhimurium and Klebsiella pneumoniae. Badia J, et al. **J Bacteriol** 1985 Jan;161(1):435-7

Control of Klebsiella pneumoniae nif mRNA synthesis. Collins JJ, et al. **J Bacteriol** 1985 Jun;162(3):1186-90

Influence of nutrient limitation and growth rate on the outer membrane proteins of Klebsiella aerogenes NCTC 418. Sterkenburg A, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2347-55

Effect of iron deprivation on the production of siderophores and outer membrane proteins in Klebsiella aerogenes.

Williams P, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2357-65

PATHOGENICITY

Extracellular polysaccharide production by Klebsiella pneumoniae and its relationship to virulence. Domenico P, et al. **Can J Microbiol** 1985 May;31(5):472-8

Klebsiella pneumoniae: selected virulence factors that contribute to pathogenicity. Highsmith AK, et al. **Infect Control** 1985 Feb;6(2):75-7

Enteropathogenicity of Klebsiella pneumoniae strains isolated from stools of diarrhoeal patients and other clinical specimens: an experimental study. Raychaudhury A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):94-103

[Klebsiella pneumoniae as a primary pathogenic agent] Mesta AM, et al. **Rev Latinoam Microbiol** 1985 Jan-Mar;27(1):1-6 (Eng. Abstr.) **(Spa)**

KLEBSIELLA RHINOSCLEROMATIS see under **KLEBSIELLA**

KLEPTOMANIA see **IMPULSE CONTROL DISORDERS**

KLINEFELTER'S SYNDROME

BLOOD

Pituitary-gonadal function in Klinefelter syndrome before and during puberty. Salbenblatt JA, et al. **Pediatr Res** 1985 Jan;19(1):82-6

COMPLICATIONS

Congenital acute lymphocytic leukemia in a newborn with Klinefelter syndrome. Gale GB, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):338-9

Benign mediastinal teratoma associated with Klinefelter's syndrome. Fujimoto Y, et al. **Jpn J Surg** 1985 May; 15(3):221-4

[Monozygotic twins with Klinefelter syndrome (concordant) and systemic lupus erythematodes (discordant)] Schlegelberger B, et al. **Klin Wochenschr** 1984 Oct 1; 62(19):906-10 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

Ankylosing spondylitis and Klinefelter's syndrome: does the X chromosome modify disease expression? Armstrong RD, et al. **Br J Rheumatol** 1985 Aug;24(3):277-81

Klinefelter syndrome and two fragile X chromosomes. Fryns JP, et al. **Clin Genet** 1984 Nov;26(5):445-7

[Klinefelter's syndrome (a study on 1067 cases of male genital abnormalities)] Chuang SM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):41-52 (Eng. Abstr.) **(Chi)**

[Mosaicism in Klinefelter's syndrome] Egorkina DA, et al. **Sov Med** 1984;(7):46-52 (Eng. Abstr.) **(Rus)**

[48, XXYY chromosomal constitution. Presentation of a new case] Galan Sánchez F, et al. **Rev Clin Esp** 1985 Apr; 176(6):308-10 (Eng. Abstr.) **(Spa)**

METABOLISM

[Changes in carbohydrate metabolism in Klinefelter's syndrome] Martinez Castillo A, et al. **Rev Clin Esp** 1985 May;176(9):448-52 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Ultrastructure of the testis in Klinefelter's syndrome. Söderström KO. **Arch Androl** 1984;13(2-3):113-9

The size of permanent teeth in Klinefelter (47,XXY) syndrome in man. Townsend GC, et al. **Arch Oral Biol** 1985;30(1):83-4

Quantitative and ultrastructural study of Leydig cells in Klinefelter's syndrome. Nistal M, et al. **J Pathol** 1985 Aug; 146(4):323-31

PHYSIOPATHOLOGY

Effects of naloxone on gonadotropin secretion in Klinefelter syndrome. Foresta C, et al. **Andrologia** 1984 Sep-Oct; 16(5):397-405

PSYCHOLOGY

A psychological study of the personalities of XYY- and XXY-men. Theilgaard A. **Acta Psychiatr Scand [Suppl]** 1984;315:1-133

Hemispheric lateralization in 47,XXY Klinefelter's syndrome boys. Netley C, et al. **Brain Cogn** 1984 Jan;3(1):10-8

The meaning of early knowledge of a child's infertility in families with 47,XXY and 45,X children. Borelli JB, et al. **Child Psychiatry Hum Dev** 1984 Summer;14(4):215-22

Klinefelter syndrome. Cohen FL, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jan;23(1):19-25

KLIPPEL-FEIL SYNDROME

COMPLICATIONS

Quadriplegia after minor trauma in the Klippel-Feil syndrome. A case report and review of the literature. Elster AD. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1473-4

Klippel-Feil syndrome associated with spinal stenosis. A case report. Prusick VR, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):161-4

[Urinary malformations in synostoses of the cervical vertebrae (Klippel-Feil syndrome). Apropos of 35 cases] Grise P, et al. **Ann Urol (Paris)** 1984 Jun-Jul;18(4):232-5 (Eng. Abstr.) **(Fre)**

[Case of Sprengel's deformity associated with Klippel-Feil syndrome] Gumkowska-Kamińska B, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1045-6 (Eng. Abstr.) **(Pol)**

[Unilateral renal agenesis and renal ectopia in Klippel-Feil syndrome] Gómiz León JJ, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):95-8 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

The Klippel-Feil syndrome associated with rectovestibular fistula. Peh WC, et al. **Ann Acad Med Singapore** 1984 Jan; 13(1):102-6

[Cervically-induced symptoms of the Klippel-Feil syndrome] Mayer B, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul;63(7):364-70 (Eng. Abstr.) **(Ger)**

FAMILIAL & GENETIC

[Families with recurrent cases of Waardenburg-Klein syndrome] Bliumina MG, et al. **Genetika** 1985 Jun; 21(6):1062-5 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Congenital duplication of mandibular rami in Klippel-Feil syndrome. Lawrence TM, et al. **J Oral Med** 1985 Jul-Sep; 40(3):120-2

RADIOGRAPHY

Wildervanck syndrome—the external appearance and radiologic findings. Schild JA, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):305-10

SURGERY

Management of Klippel-Feil syndrome: correction [letter] Nagib MG. **J Neurosurg** 1984 Dec;61(6):1161

KLIPPEL-TRENAUNAY DISEASE see under **ANGIOMATOSIS**

KLORAMFENIKOL see **CHLORAMPHENICOL**

KNEE

Extraskeletal ossifying chondroma in the knee. A case report. Böstman O, et al. **Acta Orthop Scand** 1985 Feb;56(1):87-9

Septic arthritis caused by Clostridium perfringens. Barton LL, et al. **Am Fam Physician** 1985 Mar;31(3):135-7

Torque-velocity relationships of the knee extensor and flexor muscles in individuals sustaining injuries of the anterior cruciate ligament. Murray SM, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):436-40

Popliteal cyst presenting as an anterior tibial mass [letter] Thevenon A, et al. **Arthritis Rheum** 1985 Apr;28(4):477-8

Examination of the knee. Young D, et al. **Aust Fam Physician** 1984 Dec;13(12):896-900

Quadriceps tendon ruptures in uremia. Bhole R, et al. **Clin Orthop** 1985 May;(195):200-6

Myositis ossificans of the thigh following manipulation of the knee. A case report. Ivey M. **Clin Orthop** 1985 Sep; (198):102-5

Mauch S.N.S. hydraulic knee units in above-knee amputees. A long-term follow-up study. Whitesides TE Jr, et al. **Clin Orthop** 1985 Apr;(194):264-8

Changes in popliteal angle measurement in infants up to one year of age. Reade E, et al. **Dev Med Child Neurol** 1984 Dec;26(6):774-80

The innervation of the skin on the antero-medial region of the knee. Baccarani G, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):521-5

Effects of structure and strain measurement technique on the material properties of young human tendons and fascia. Butler DL, et al. **J Biomech** 1984;17(8):579-96

Pathogenesis of infantile quadriceps fibrosis and its correction by proximal release. Sengupta S. **J Pediatr Orthop** 1985 Mar-Apr;5(2):187-91

Stress fractures as a cause of knee pain [letter] Lakhanpal S, et al. **N Engl J Med** 1985 Jan 17;312(3):186

Bilateral simultaneous spontaneous rupture of quadriceps tendons in a diabetic patient. Bhole R, et al. **South Med J** 1985 Apr;78(4):486

Osteoid osteoma. Distant, periarticular, and subarticular lesions as a cause of knee pain. Torg JS, et al. **Sports Med** 1985 Jul-Aug;2(4):296-304

[Cutaneous fistula from a popliteal cyst in a female patient with rheumatoid arthritis] Patiño Ruiz E, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):115-7 **(Fre)**

[Spontaneous osteonecrosis of the knee] Gutowski WT, et al. **Orthopade** 1985 Feb;14(1):58-63 **(Ger)**

[A case of intracapsular vascular hamartoma of the knee in a 3-year-old child] Pellacci F. **Chir Organi Mov** 1984; 69(4):401-2 (Eng. Abstr.) **(Ita)**

ABNORMALITIES

Partial epiphysiodesis at the knee to correct angular deformity. Bowen JR, et al. **Clin Orthop** 1985 Sep; (198):184-90

ANATOMY & HISTOLOGY

The variation of the Q angle with different positions of the foot. Olerud C, et al. **Clin Orthop** 1984 Dec;(191):162-5

BLOOD SUPPLY

False aneurysm of the medial superior genicular artery complicating a closed knee injury. Denoncourt PM, et al. **Clin Orthop** 1985 Apr;(194):291-2

[Arterial anastomoses in the area of the knee] Draganić V, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):681-6 (Eng. Abstr.) **(Scc)**

[Injuries of the arteries in the area of the knee] Zavarský F, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct; 51(5):404-9 (Eng. Abstr.) **(Slo)**

DRUG EFFECTS

Morphological and biochemical effects of sodium morrhuate on tendons. Maynard JA, et al. **J Orthop Res** 1985; 3(2):236-48

EMBRYOLOGY

[Epiphyseal points of the fetal knee. The impact of growth disorders on bone maturation] Fernandez H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):467-72 (Eng. Abstr.) **(Fre)**

INNERVATION

Plasma extravasation in the cat knee-joint induced by antidromic articular nerve stimulation. Ferrell WR, et al. **Pflugers Arch** 1985 May;404(1):91-3

METABOLISM

Sympathetic synovial effusions associated with septic arthritis and bursitis. Strickland RW, et al. **Arthritis Rheum** 1985 Aug;28(8):941-3

PHYSIOLOGY

Water and ion shifts in skeletal muscle of humans with intense dynamic knee extension. Sjøgaard G, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R190-6

Exercises for knee flexors and extensors in uninjured soccer players: effects of two different programs. Oberg BE, et al. **Int J Sports Med** 1985 Jun;6(3):151-4

Torque-velocity characteristics and muscle fiber type in human vastus lateralis. Froese EA, et al. **J Appl Physiol** 1985 Aug;59(2):309-14

Ankle and knee position as a factor modifying intracompartmental pressure in the human leg [letter] Bray TJ. **J Bone Joint Surg [Am]** 1985 Jun;67(5):824

Cardiovascular responses to sustained isometric arm flexion and knee extension at 10, 20, 30, 40 and 50% MVC. Yamaji K, et al. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):173-83

Measurement of mechanical properties of ligament substance from a bone-ligament-bone preparation. Woo SL, et al. **J Orthop Res** 1983;1(1):22-9

Effects of shoes and foot orthotics on VO2 and selected frontal plane knee kinematics. Burkett LN, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):158-63

Effect of quadriceps femoris muscle stretch on knee extension torque. Bohannon RW, et al. **Phys Ther** 1985 Mar; 65(3):312-3

Rate and range of knee motion during ambulation in healthy and arthritic subjects. Brinkmann JR, et al. **Phys Ther** 1985 Jul;65(7):1055-60

Motor time of the rectus femoris during passive movements. Sajiki N, et al. **Tohoku J Exp Med** 1985 Feb;145(2):231-2

[Features of adaptive changes in the knee joints of fencers exposed to specialized loads] Nikitiuk BA, et al. **Arkh Anat Gistol Embriol** 1985 Apr;88(4):72-6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

The knee thrill: a sign of effusion [letter] Pinals RS. **J Rheumatol** 1984 Dec;11(6):866-7

Knee extension torque during repeated knee extension-flexion reversals and separated knee extension-flexion dyads. Bohannon RW. **Phys Ther** 1985 Jul;65(7):1052-4

RADIOGRAPHY

Early diagnosis of acute rupture of the quadriceps tendon by arthrography. Aprin H, et al. **Clin Orthop** 1985 May; (195):185-90

Clinical interpretation of cysts in the popliteal space using computerised tomography. Trecco F, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):511-9

Use of radiographic projections of knee. Cockshott WP, et al. **Skeletal Radiol** 1985;13(2):131-3

Case report 303. A complete plica synovialis suprapatellaris, with diffuse pigmented villonodular synovitis limited to an isolated non-communicating suprapatellar bursa. El-Khoury GY, et al. **Skeletal Radiol** 1985;13(2):164-8

The Maquet principle. Anterior displacement of the tibial tubercle in the treatment of patellofemoral disorders: radiologic appearance. Levine RB, et al. **Skeletal Radiol** 1985;13(4):291-4

[Diagnostic and therapeutic value of radiologic and scintigraphic studies. Apropos of a case of osteoid osteoma] Planchon CA, et al. **Ann Radiol (Paris)** 1984 Sep-Oct; 27(6):495-9 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

The retention and distribution in the rabbit knee of a radionuclide complexed with a lipophilic chelator in liposomes. Bard DR, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):113-7

Uptake of technetium-99m MDP in synovial osteochondromatosis. Another cause of nonosseous activity on bone scan. Datz FL. **Clin Nucl Med** 1985 May; 10(5):367-8

Scintigraphic detection of prosthetic joint and soft tissue sepsis secondary to tuberculosis. Zeiger LS, et al. **Clin Nucl Med** 1984 Nov;9(11):638-9

Popliteal cysts and deep venous thrombosis: Tc-99m red blood cell venography. Littlejohn GO, et al. **Radiology** 1985 Apr;155(1):237-40

SURGERY

Arthrodesis of the knee with a long intramedullary nail. Zeng JK, et al. **Acta Acad Med Wuhan** 1985;5(1):57-60

The use of transcutaneous neural stimulation and isokinetic testing in arthroscopic knee surgery. Jensen JE, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):27-33

Arthroscopic surgery of the knee: a review of early Army experience. Wheeler BR. **Milit Med** 1984 Dec; 149(12):661-4

[Resurfacing the arthrotic knee with the Richards (called Marmor) modular prosthesis] Pellaton M. **Rev Med Suisse Romande** 1985 Mar;105(3):219-25 **(Fre)**

[Reconstruction of the cruciate ligament with special reference to synthetic substitute materials] Blauth W, et al. **Unfallchirurg** 1985 Mar;88(3):118-25 (44 ref.) (Eng. Abstr.) **(Ger)**

KNEE INJURIES

Frequency, associated factors, and treatment of breaststroker's knee in competitive swimmers. Rovere GD, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):99-104

Assessment of the acute knee injury. McLean I. **Aust Fam Physician** 1984 Aug;13(8):575-80

Symposium on the knee. **Clin Sports Med** 1985 Apr; 4(2):207-401

The female athlete's knee. Beck JL, et al. **Clin Sports Med** 1985 Apr;4(2):345-66

Overview and philosophy of knee injuries. Larson RL. **Clin Sports Med** 1985 Apr;4(2):209-15

Knee problems in children and adolescents. Singer KM, et al. **Clin Sports Med** 1985 Apr;4(2):385-97

Disruption of the anterior cruciate ligament in a three-year-old child. A case report. Waldrop JI, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1113-4

Indirect traumatic rupture of the ligamentum patellae. A case report. Solomons NB. **S Afr Med J** 1985 Mar 9;67(10):376-7

[Injuries of the knee joint stabilizers in clinical practice] Musialek J. **Acta Chir Orthop Traumatol Cech** 1985 Apr; 52(2):127-37 (Eng. Abstr.) **(Cze)**

[Open intra-articular fractures of the femoral condyle. A difficult problem in fresh knee injuries] Leutenegger A, et al. **Helv Chir Acta** 1985 Apr;52(1):185-8 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Sports injuries of the knee ligaments--a prospective stress radiographic study. Hede A, et al. **Br J Sports Med** 1985 Mar;19(1):8-10

False aneurysm of the medial superior genicular artery complicating a closed knee injury. Denoncourt PM, et al. **Clin Orthop** 1985 Apr;(194):291-2

Anterior-posterior stiffness and laxity of the knee after major ligament reconstruction. Kochan A, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1460-5

Popliteal artery damage in closed injuries of the knee. Chapman JA. **J Bone Joint Surg [Br]** 1985 May;67(3):420-3

Popliteal artery injury associated with knee dislocation. Bell WW, et al. **J Okla State Med Assoc** 1984 Dec;77(12):418-21

[Vascular lesions associated with knee injuries] Chapuis G. **Helv Chir Acta** 1984 Nov;51(5):575-80 (Eng. Abstr.) **(Fre)**

[Complicated knee injuries with associated vascular lesions] Stalder J, et al. **Helv Chir Acta** 1985 Jan;51(6):779-82 (Eng. Abstr.) **(Fre)**

[Post-traumatic hemarthrosis of the knee. Diagnostic steps and value of arthroscopy] Graf P, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):477-81 (Eng. Abstr.) **(Fre)**

[Results of modern operative technics in the management of knee joint instability] Kiss I, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):161-8 (Eng. Abstr.) **(Hun)**

[Clinical evaluation of stability after meniscectomy of the knee after rupture of the anterior cruciate ligament] Lanfranchi R, et al. **Chir Organi Mov** 1984;69(4):379-81 (Eng. Abstr.) **(Ita)**

[Treatment of inveterate injuries of the anterior cruciate ligament] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):155-9 (Eng. Abstr.) **(Pol)**

[Injury of the capsule of the posterior part of the knee joint, its role in joint instability and surgical treatment] Pudovikov SP, et al. **Ortop Travmatol Protez** 1985 Feb; (2):53-4 **(Rus)**

[Lateral hyperpressive syndrome of the patella] Selivanov VP. **Ortop Travmatol Protez** 1984 Jul;(7):23-8 (Eng. Abstr.) **(Rus)**

[Treatment of suppurative post-traumatic gonitis] Trubnikov VF, et al. **Vestn Khir** 1984 Aug;133(8):83-6 (Eng. Abstr.) **(Rus)**

CONGENITAL

Congenital dislocation of the knee. Jacobsen K, et al. **Acta Orthop Scand** 1985 Feb;56(1):1-7

DIAGNOSIS

A comparison of acute anterior cruciate ligament examinations. Initial versus examination under anesthesia. Donaldson WF 3d, et al. **Am J Sports Med** 1985 Jan-Feb; 13(1):5-10

An in vivo strain gage study of elongation of the anterior cruciate ligament. Henning CE, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):22-6

A perspective of lesions associated with ACL insufficiency of the knee. A review of 100 cases. Indelicato PA, et al. **Clin Orthop** 1985 Sep;(198):77-80

The knee jerk test for diagnosis of torn meniscus [letter] Oni OO. **Clin Orthop** 1985 Mar;(193):309

Internal derangement of the knee: diagnosis by arthrography, arthroscopy, and arthrotomy. Selesnick FH, et al. **Clin Orthop** 1985 Sep;(198):26-30

Rating systems in the evaluation of knee ligament injuries. Tegner Y, et al. **Clin Orthop** 1985 Sep;(198):43-9

Screening of athletic knee injuries. Collins HR. **Clin Sports Med** 1985 Apr;4(2):217-30

Arthroscopic evaluation of the injured athlete's knee. Drez D Jr. **Clin Sports Med** 1985 Apr;4(2):275-8

Systematic evaluation of acute knee injuries. Jensen JE, et al. **Clin Sports Med** 1985 Apr;4(2):295-312

Acute knee injuries. Leach RE, et al. **Hosp Pract [Off]** 1984 Nov;19(11):56G, 56J, 56K passim

Arthroscopy--a review of 220 cases. Shelton WR. **J Miss State Med Assoc** 1984 Aug;25(8):203-4

Articular cartilage fractures of the knee. Pritsch M, et al. **J Sports Med Phys Fitness** 1984 Dec;24(4):299-302

Evaluation/treatment of acute knee injuries. Harbin GL. **Kans Med** 1985 Mar;86(3):83-7, 95

Complete dislocation of the knee [letter] Sherry E. **Med J Aust** 1985 May 13;142(10):577

Fibular head dislocation--another differential in the diagnosis of knee injury. Kiester PD, et al. **Nebr Med J** 1985 Jan; 70(1):26-7

Femoral fracture due to osteosarcoma masquerading as internal derangement of the knee. Smith SM, et al. **Nebr Med J** 1984 Sep;69(9):304-6

Primary evaluation and management of knee injuries. Baugher WH, et al. **Orthop Clin North Am** 1985 Apr; 16(2):315-27

Knee injuries in skiing. Howe J, et al. **Orthop Clin North Am** 1985 Apr;16(2):303-14

Diagnosis of chronic injury to the anterior cruciate ligament. Losee RE. **Orthop Clin North Am** 1985 Jan;16(1):83-97 (39 ref.)

Acute knee injuries in athletes. Zarins B, et al. **Orthop Clin North Am** 1985 Apr;16(2):285-302

Acute knee injury. How to determine if the knee is stable. Zeman SC. **Postgrad Med** 1984 Dec;76(8):38-46

Acute injury of the ligaments of the knee: magnetic resonance evaluation. Turner DA, et al. **Radiology** 1985 Mar; 154(3):717-22

Measurement of knee-joint instabilities in the anterior-posterior plane. Tittel K, et al. **Unfallchirurgie** 1984 Dec;10(6):316-21 **(Eng, Ger)**

[Arthroscopic findings in traumatic hemarthrosis of the knee] Ariës RP, et al. **Ned Tijdschr Geneeskd** 1984 Nov 24; 128(47):2214-7 (Eng. Abstr.) **(Dut)**

[The meniscus: a poorly understood and often poorly treated structure] Leyvraz PF. **Helv Chir Acta** 1984 Nov; 51(5):551-61 (Eng. Abstr.) **(Fre)**

[Significance of acute arthroscopy for the verification of fresh isolated cruciate ligament rupture] Benedetto KP, et al. **Aktuel Traumatol** 1984 Oct;14(5):227-31 (Eng. Abstr.) **(Ger)**

[Initial experience with diagnostic arthroscopy of the knee joint under local anesthesia in a gaseous medium] Köppe W, et al. **Beitr Orthop Traumatol** 1984 Dec;31(12):622-6 (Eng. Abstr.) **(Ger)**

[Fatigue fracture of the tibial head following recreational dancing in a 31-year-old male] Winckler S, et al. **Chirurg** 1984 Nov;55(11):770-1 **(Ger)**

[Diagnostic and operative arthroscopy in recent knee injuries] Glinz W, et al. **Helv Chir Acta** 1984 Nov;51(5):525-38 (Eng. Abstr.) **(Ger)**

[MR of the knee joint. Imaging of the normal anatomy and pathological findings using surface coils] Steinbrich W, et al. **ROFO** 1985 Aug;143(2):166-72 (Eng. Abstr.) **(Ger)**

[Early arthroscopy in knee joint injuries] Menger DM, et al. **Unfallchirurg** 1985 Mar;88(3):109-12 (Eng. Abstr.) **(Ger)**

[Experiences with the arthroscopic diagnosis of the knee joint] Kündiger R, et al. **Zentralbl Chir** 1984; 109(22):1424-30 (Eng. Abstr.) **(Ger)**

[Diagnostic arthroscopy. A prospective evaluation of clinical and arthroscopic diagnosis of knee injuries] Paus A, et al. **Tidsskr Nor Laegeforen** 1985 Mar 30;105(9-10):669-70 (Eng. Abstr.) **(Nor)**

[Paradoxical symptomatology of rupture of the lateral meniscus] Baciu C, et al. **Rev Chir [Chir]** 1984 Jul-Aug; 33(4):257-63 (Eng. Abstr.) **(Rum)**

ETIOLOGY

Knee injuries in gymnastics. Andrish JT. **Clin Sports Med** 1985 Jan;4(1):111-21

An unusual lesion in the knee of a breaststroke swimmer. Wethelund JO, et al. **Int J Sports Med** 1985 Jun;6(3):174-5

The natural history of jumper's knee. Patellar or quadriceps tendonitis. Ferretti A, et al. **Int Orthop** 1985;8(4):239-42

Breaks and other bad breaks for breakers [letter] **JAMA** 1985 Apr 12;253(14):2047

Mechanism of injury and pathology of anterior cruciate ligament injuries. Feagin JA Jr, et al. **Orthop Clin North Am** 1985 Jan;16(1):41-5

Overuse injuries of the knee and spine in girls' gymnastics. Walsh WM, et al. **Orthop Clin North Am** 1985 Apr; 16(2):329-50

[Knee joint disorders in bicycling] Stamm F. **Schweiz Z Sportmed** 1984 Dec;32(4):111-3 (Eng. Abstr.) **(Ger)**

[Role of the popliteal muscle in postero-external injuries of the knee in athletes] Cormio C, et al. **Chir Organi Mov** 1982-83;68(4-6):595-602 (Eng. Abstr.) **(Ita)**

[Characteristics of therapeutic measures in injuries of ballet dancers] Volkov MV, et al. **Ortop Travmatol Protez** 1984 Jul;(7):19-23 (Eng. Abstr.) **(Rus)**

METABOLISM

Lipid composition of the tissues of human knee joints. II. Synovial fluid in trauma. Rabinowitz JL, et al. **Clin Orthop** 1984 Nov;(190):292-8

[Kallikrein-kinin system of the synovial fluid in closed injury to the knee joint] Maslennikov EIu, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):59-62 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Frequency, associated factors, and treatment of breaststroker's knee in competitive swimmers. Rovere GD, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):99-104

PATHOLOGY

Associated joint pathology in the anterior cruciate ligament-deficient knee with emphasis on a classification system and injuries to the meniscocapsular ligament-musculotendinous unit complex. Terry GC, et al. **Orthop Clin North Am** 1985 Jan;16(1):29-39 (40 ref.)

PHYSIOPATHOLOGY

Hamstring control and the unstable anterior cruciate ligament-deficient knee. Walla DJ, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):34-9

Knee ligament injury during lateral impact. Hearon BF, et al. **Aviat Space Environ Med** 1985 Jan;56(1):3-8

Scientific basis of extensor mechanism disorders. Grana WA, et al. **Clin Sports Med** 1985 Apr;4(2):247-57

Current concepts of meniscal function and pathology. Henning CE, et al. **Clin Sports Med** 1985 Apr;4(2):259-65

Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique. Torzilli PA, et al. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1438-42

Knee injuries: their nature, cause and consequence. King JB. **Med Sci Law** 1984 Oct;24(4):243-6

Advances in the understanding of knee ligament injury, repair, and rehabilitation. Noyes FR, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):427-43

The variable functional disability of the anterior cruciate ligament-deficient knee. Noyes FR, et al. **Orthop Clin North Am** 1985 Jan;16(1):47-67 (27 ref.)

Wasting of the human quadriceps muscle after knee ligament injuries. Halkjaer-Kristensen J, et al. **Scand J Rehabil Med [Suppl]** 1985;13:5-55

Posterior cruciate ligament insufficiency. A review of the literature. Barton TM, et al. **Sports Med** 1984 Nov-Dec; 1(6):419-30 (51 ref.)

Functional disability in the anterior cruciate insufficient knee syndrome. Review of knee rating systems and projected risk factors in determining treatment. Noyes FR, et al. **Sports Med** 1984 Jul-Aug;1(4):278-302 (32 ref.)

[Functional anatomy and clinical findings of the knee joint] Müller W. **Helv Chir Acta** 1984 Nov;51(5):505-14 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Effect of preseason conditioning. High school football knee injuries. Cahill BR, et al. **IMJ** 1984 Nov;166(5):356-8

RADIOGRAPHY

Comparison of overhead and cross-table lateral views for detection of knee-joint effusion. Singer AM, et al. **AJR** 1985 May;144(5):973-5

Diagnosis of cruciate ligament injury using single contrast arthrography. Reider B, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):451-4

Sucking wound of the knee: not gas gangrene. Saleh M, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1348

Early diagnosis of acute rupture of the quadriceps tendon by arthrography. Aprin H, et al. **Clin Orthop** 1985 May;(195):185-90

Diagnosis of extensor mechanism disorders. Carson WG Jr. **Clin Sports Med** 1985 Apr;4(2):231-46

Meniscal pneumatocele. A case report of spontaneous, persistent intra-articular and juxta-articular gas. Kay SP, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1117-9

Avulsion fracture of the fibula: the 'arcuate sign' of posterolateral knee instability. Shindell R, et al. **Nebr Med J** 1984 Nov;69(11):369-71

Meniscal tears of the knee: evaluation by high-resolution CT combined with arthrography. Ghelman B. **Radiology** 1985 Oct;157(1):23-7

Knee arthrography today. Kaye JJ. **Radiology** 1985 Oct;157(1):265-6

Meniscal lesions of the knee joint: CT diagnosis. Passariello R, et al. **Radiology** 1985 Oct;157(1):29-34

Cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury. Wolfe RD, et al. **Radiology** 1985 Oct;157(1):19-21

[Positive arthrography in pathological changes of medial connective structures in the knee joint] Grepl J. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):474-80 (Eng. Abstr.) **(Cze)**

[Radiology in knee injuries] Garcia J. **Helv Chir Acta** 1984 Nov;51(5):515-23 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

[Value of knee scintigraphy in the diagnosis of meniscus injuries] Galuska L, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(2):112-9 (Eng. Abstr.) **(Hun)**

REHABILITATION

Knee rehabilitation following arthroscopic meniscectomy. Zarins B, et al. **Clin Orthop** 1985 Sep;(198):36-42

Rehabilitation of the anterior cruciate deficient knee. Markey KL. **Clin Sports Med** 1985 Jul;4(3):513-26

Rehabilitation of the injured knee. Montgomery JB, et al. **Clin Sports Med** 1985 Apr;4(2):333-43

Rehabilitation following knee injury. Stanitski CL. **Clin Sports Med** 1985 Jul;4(3):495-511 (59 ref.)

Rehabilitation of anterior cruciate ligament injuries. Blackburn TA Jr. **Orthop Clin North Am** 1985 Apr;16(2):241-69

SURGERY

Meniscus repair in knee ligament injuries. Strand T, et al. **Acta Orthop Scand** 1985 Apr;56(2):130-2

Primary repair in posterior cruciate ligament injuries. Strand T, et al. **Acta Orthop Scand** 1984 Oct;55(5):545-7

The effects of electrical stimulation on the quadriceps during postoperative knee immobilization. Morrissey MC, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):40-5

Repairable posterior menisco-capsular disruption in anterior cruciate ligament injuries. Woods GW, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):381-5

Long term results of late reconstruction for anterior or anteromedial instability of the knee. Suomalainen O, et al. **Ann Chir Gynaecol** 1985;74(1):22-9

The classic. Artificial ligaments at the knee. A technique. By Frederic J. Cotton and Gordon MacKay Morrison, 1934. **Clin Orthop** 1985 Jun;(196):4-6

Meniscus repair in the athlete. DeHaven KE. **Clin Orthop** 1985 Sep;(198):31-5

Secondary reconstruction of the anterior cruciate ligament (ACL) in competitive athletes. Franke K. **Clin Orthop** 1985 Sep;(198):81-6

Complete knee dislocation. A follow-up study of operative treatment. Sisto DJ, et al. **Clin Orthop** 1985 Sep;(198):94-101

The use of carbon fiber implants in anterior cruciate ligament surgery. Strover AE, et al. **Clin Orthop** 1985 Jun;(196):88-98

Clinical significance of knee joint changes after meniscectomy. Veth RP. **Clin Orthop** 1985 Sep;(198):56-60

The effect of long-term circulatory occlusion on pH and energy metabolism of the quadriceps muscle in man. Sjöholm H, et al. **Clin Sci** 1985 May;68(5):597-600

Philosophy and rationale for the management of anterior cruciate injuries and the resultant deficiencies. Cabaud HE, et al. **Clin Sports Med** 1985 Apr;4(2):313-24

Reasonable expectations following arthroscopic surgery. Colville JM, et al. **Clin Sports Med** 1985 Apr;4(2):279-93

Operative treatment of acute and chronic knee problems. Feagin JA Jr. **Clin Sports Med** 1985 Apr;4(2):325-31

The floating knee. 40 cases of ipsilateral fractures of the femur and the tibia. Bansal VP, et al. **Int Orthop** 1984;8(3):183-7

A new surgical approach to fractures of the lateral tibial plateau. Perry CR, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1236-40

Arthroscopic assisted internal fixation of certain fractures about the knee. Lemon RA, et al. **J Trauma** 1985 Apr;25(4):355-8

Maintenance of hamstring strength following knee surgery. Vegso JJ, et al. **Med Sci Sports Exerc** 1985 Jun;17(3):376-9

Fracture dislocation of the knee managed by closed reduction. Connolly JF, et al. **Nebr Med J** 1984 Aug;69(8):275-7

Symposium on the anterior cruciate ligament, Part II. **Orthop Clin North Am** 1985 Apr;16(2):163-355

A lateral extra-articular tenodesis for anterior cruciate ligament deficiency of the knee. Arnold JA. **Orthop Clin North Am** 1985 Apr;16(2):213-22

Reconstruction of the anterior cruciate ligament: historical overview. Burnett QM 2d, et al. **Orthop Clin North Am** 1985 Jan;16(1):143-57 (132 ref.)

Extra-articular reconstruction of the anterior cruciate ligament: lateral procedures. Carson WG Jr. **Orthop Clin North Am** 1985 Apr;16(2):191-211 (49 ref.)

Acute repairs of the anterior cruciate ligament--past and present. Gollehon DL, et al. **Orthop Clin North Am** 1985 Jan;16(1):111-25

Complications of anterior cruciate ligament surgery. Hughston JC. **Orthop Clin North Am** 1985 Apr;16(2):237-40

Augmentation of acute rupture of the anterior cruciate ligament. Larson RL. **Orthop Clin North Am** 1985 Jan;16(1):135-42

Treatment of acute anterolateral rotatory instability. Norwood LA. **Orthop Clin North Am** 1985 Jan;16(1):127-34

Combined arthroscopy and 'mini-reconstruction' techniques in the acutely torn anterior cruciate ligament. Sydnor RW, et al. **Orthop Clin North Am** 1985 Apr;16(2):171-9

Synthetics in anterior cruciate ligament reconstruction: a review. Woods GW. **Orthop Clin North Am** 1985 Apr;16(2):227-35 (34 ref.)

Combined intra-articular and extra-articular reconstructions for anterior tibial subluxation. Zarins B. **Orthop Clin North Am** 1985 Apr;16(2):223-6

Effectiveness of repeated prolonged loading for increasing flexion in knees demonstrating postoperative stiffness. A clinical report. Bohannon RW, et al. **Phys Ther** 1985 Apr;65(4):494-6

Vastus medialis myocutaneous and myocutaneous-tendinous composite flaps. Tobin GR. **Plast Reconstr Surg** 1985 May;75(5):677-85

Surgery of the knee. Tubbs N. **Practitioner** 1985 Feb;229(1400):143-4, 146, 149

Comminuted fractures of the proximal surface of the tibia. Van Demark RE. **SD J Med** 1985 May;38(5):5-8

[Knee luxation treated by alloplasty] Bellstrøm T. **Ugeskr Laeger** 1984 Oct 15;146(42):3207 (Eng. Abstr.) **(Dan)**

[Ligament injuries] Korkala O. **Duodecim** 1985;101(9):847-53 **(Fin)**

[Bone and vascular injuries of the popliteal fossa. Apropos of 21 cases] Jarde O, et al. **Phlebologie** 1985 Apr-Jun;38(2):347-52 (Eng. Abstr.) **(Fre)**

[Healing of ruptures of the anterior cruciate ligament treated with simple sutures. Possibilities, usefulness, clinical evaluation. Apropos of a series of 51 anterior cruciate ligament sutures using barbed wire with macroscopic verification of the healing] Goutallier D, et al. **Rev Chir Orthop** 1985;71(1):41-50 (Eng. Abstr.) **(Fre)**

[Operative treatment of avulsion fractures of the intercondylar eminence in childhood] Goudarzi YM. **Aktuel Traumatol** 1985 Apr;15(2):66-70 (Eng. Abstr.) **(Ger)**

[Fresh and older elongation of the anterior cruciate ligament. Experiences in diagnosis and therapy] Paar O, et al. **Aktuel Traumatol** 1985 Apr;15(2):59-65 (Eng. Abstr.) **(Ger)**

[Causes of rearthrotomies of the knee joint] Schwarz B, et al. **Aktuel Traumatol** 1985 Apr;15(2):52-8 (Eng. Abstr.) **(Ger)**

[Atypical course of malignant hyperthermia] Gumpenberger H. **Anaesthesist** 1985 Mar;34(3):134-6 (Eng. Abstr.) **(Ger)**

[Analysis of the reasons for repeat arthrotomy of the knee joint] Franke K, et al. **Beitr Orthop Traumatol** 1985 May;32(5):241-8 (Eng. Abstr.) **(Ger)**

[Arthrotomy of the knee joint under local anesthesia] Knauf G. **Beitr Orthop Traumatol** 1984 Dec;31(12):634-6 (Eng. Abstr.) **(Ger)**

[Technic of arthroscopic cruciate ligament-plasty] Benedetto KP. **Chirurg** 1984 Nov;55(11):756-9 **(Ger)**

[Ligament lesions of the knee--also a typical occupational injury] Biaggi J, et al. **Chirurg** 1984 Nov;55(11):717-20 (Eng. Abstr.) **(Ger)**

[Evaluation of ligament injuries of the knee and ankle joint] Titze A, et al. **Chirurg** 1984 Nov;55(11):699-703 **(Ger)**

[Experience with 250 dynamic, proximal muscular pedicled, anterior cruciate ligament-plasties (Lindemann)] Villiger KJ. **Chirurg** 1984 Nov;55(11):710-6 (Eng. Abstr.) **(Ger)**

[Operative therapy of acute knee ligament injuries] Wörsdörfer O, et al. **Chirurg** 1984 Nov;55(11):681-91 **(Ger)**

[Plastic surgery of the anterior cruciate ligament: late results after 5 different reconstruction procedures] Hefti F, et al. **Helv Chir Acta** 1985 Apr;52(1):195-9 (Eng. Abstr.) **(Ger)**

[Cartilage lesions] Helbing G, et al. **Helv Chir Acta** 1984 Nov;51(5):563-74 (Eng. Abstr.) **(Ger)**

[Incidence, treatment and late results of fresh and old injuries of posterior cruciate ligaments] Holzach P, et al. **Helv Chir Acta** 1985 Apr;52(1):189-94 (Eng. Abstr.) **(Ger)**

[Reconstruction and after care in recent ligamentous knee injuries] Matter P, et al. **Helv Chir Acta** 1984 Nov;51(5):539-50 (Eng. Abstr.) **(Ger)**

[Healing of reimplanted osteochondral fragments. An experimental study] Hesse I, et al. **Unfallchirurg** 1985 Jun;88(6):280-8 (Eng. Abstr.) **(Ger)**

[Cause, prognosis and therapy of surgically treated empyema of the knee] Schwarz B, et al. **Unfallchirurg** 1985 Feb;88(2):75-86 (Eng. Abstr.) **(Ger)**

[Ruptures of the tendons of the extensor system of the knee joint] Müller KH, et al. **Unfallchirurgie** 1984 Oct;10(5):254-61 (Eng. Abstr.) **(Ger)**

[A new drill template for the operative treatment of injuries of the anterior cruciate ligament] Blauth W. **Unfallheilkunde** 1984 Nov;87(11):463-6 (Eng. Abstr.) **(Ger)**

[Treatment of knee joint empyema] Hansis M, et al. **Zentralbl Chir** 1984;109(22):1431-6 (Eng. Abstr.) **(Ger)**

[The need for joint irrigation following hemarthrosis puncture] Machan FG, et al. **Zentralbl Chir** 1985;110(10):634-41 **(Ger)**

[Carbon fiber reconstruction of knee ligaments] Soudry M, et al. **Harefuah** 1985 Jan 15;108(2):76-9 (Eng. Abstr.) **(Heb)**

[Postoperative treatment of knee ligament injuries using a hinged plaster cast] Salacz T, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(3):199-203 (Eng. Abstr.) **(Hun)**

[Diagnosis and management of fresh injuries of knee joint ligaments] Sánta S, et al. **Orv Hetil** 1984 Dec 23;125(52):3173-4, 3177-9 (Eng. Abstr.) **(Hun)**

[The Augustine operation in the treatment of chronic, isolated or combined, injuries of the posterior cruciate ligament] Pegreffi P, et al. **Chir Organi Mov** 1984;69(1):45-50 (Eng. Abstr.) **(Ita)**

[Idiopathic closed rupture of the suprapatellar segment of the tendon of the quadriceps muscle of the thigh] Depiński K, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):137-43 (Eng. Abstr.) **(Pol)**

[Effectiveness of surgical treatment of recurrent lateral dislocation of the patella] Radziejowski M, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):23-6 (Eng. Abstr.) **(Pol)**

[Closed transosseous osteosynthesis using the Ilizarov method in treating patients with condylar fractures of the femur and crus] Shved SI, et al. **Vestn Khir** 1984 Sep;133(9):90-3 (Eng. Abstr.) **(Rus)**

THERAPY

Controversy about treatment of the knee with anterior cruciate laxity. Noyes FR, et al. **Clin Orthop** 1985 Sep;(198):61-76 (27 ref.)

Surgical or conservative treatment of the acutely torn anterior cruciate ligament. A randomized study with short-term follow-up observations. Odensten M, et al. **Clin Orthop** 1985 Sep;(198):87-93

Braces and taping. Hunter LY. **Clin Sports Med** 1985 Jul;4(3):439-54

Primary evaluation and management of knee injuries. Baugher WH, et al. **Emerg Med Clin North Am** 1984 May;2(2):347-59 (14 ref.)

The acutely locked knee--is a manipulation worth while? Critchley IJ, et al. **Injury** 1985 Jan;16(4):281-3

Treatment selection in acute anterior cruciate ligament tears. Holden DL, et al. **Orthop Clin North Am** 1985 Jan;16(1):99-109 (36 ref.)

[Problems of knee injuries from the viewpoint of the Swiss Accident Insurance Institute] Ramseier EW, et al. **Helv Chir Acta** 1984 Nov;51(5):499-504 (Eng. Abstr.) **(Ger)**

[Periarticular and intra-articular fractures of the knee joint in middle-aged and aged patients] Imamaliev AS, et al. **Ortop Travmatol Protez** 1984 Dec;(12):37-43 **(Rus)**

KNEE JOINT

Intra-articular pressures and intraosseous pressure in the human knee and its implication for patello-femoral pain syndromes. An experimental study using simulated joint effusion. Hejgaard N. **Acta Orthop Belg** 1984;50(6):791-801

Comparison between radiologic lower extremity angles of femur and tibia and articular surface pressure measurements in gonarthrosis treated by high tibial osteotomy. Jokio PJ, et al. **Acta Orthop Belg** 1984;50(6):802-14

A long-term study of hemophilic arthropathy of the knee joint on a program of Factor VIII replacement given at time of each hemarthrosis. Brettler DB, et al. **Am J Hematol** 1985 Jan;18(1):13-8

The course of partial anterior cruciate ligament ruptures. Odensten M, et al. **Am J Sports Med** 1985 May-Jun;13(3):183-6

Compartment syndrome as a complication of arthroscopy. A case report and a study of interstitial pressures. Peek RD, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):464-8

Pasteurella multocida: bilateral septic knee joint prostheses from a distant cat bite. Orton DW, et al. **Ann Emerg Med** 1984 Nov;13(11):1065-7

Gonococcal arthritis: an unusual presentation as pseudothrombophlebitis. Dawes PT, et al. **Ann Rheum Dis** 1985 May;44(5):354–5

Pseudomonas arthritis treated with parenteral and intra-articular ceftazidime. Walton K, et al. **Ann Rheum Dis** 1985 Jul;44(7):499–500

Clinical and radiological long-term results after primary knee ligament surgery. Järvinen M, et al. **Arch Orthop Trauma Surg** 1985;104(1):1–6

Tibial nerve entrapment by a Baker cyst: case report. Kashani SR, et al. **Arch Phys Med Rehabil** 1985 Jan;66(1):49–51

Arthritis confined to knee joints. Synovial lymphocyte responses to microbial antigens correlate with distribution of HLA. Ford DK, et al. **Arthritis Rheum** 1984 Oct; 27(10):1157–64

Ultrasound in the assessment of synovial thickening in the hemophilic knee. Wyld PJ, et al. **Aust NZ J Med** 1984 Oct;14(5):678–80

Unusual antefemoral dissecting cyst. Corbetti F, et al. **Br J Radiol** 1985 Jul;58(691):675–7

Effects of joint lavage on knee synovitis in rheumatoid arthritis. Fitzgerald O, et al. **Br J Rheumatol** 1985 Feb; 24(1):6–10

Use of sequential analysis to assess patient preference for local skin anaesthesia during knee aspiration [letter] Jayson MI. **Br J Rheumatol** 1985 Feb;24(1):118–9

What can the synovial lymphocyte tell us? Ford DK. **Can Med Assoc J** 1985 May 1;132(9):1009–10

Juvenile nodular aponeurotic fibroma in the area of the knee joint. Aprin H, et al. **Clin Orthop** 1984 Nov;(190):257–9

On the interpretation of our anterior cruciate ligament data. Butler DL, et al. **Clin Orthop** 1985 Jun;(196):26–34 (37 ref.)

Combined Coventry–Maquet procedure for two-compartment degenerative arthritis. Hofmann AA, et al. **Clin Orthop** 1984 Nov;(190):186–91

Computer-assisted analysis of ligament constraints in the knee. Langrana NA, et al. **Clin Orthop** 1985 Jun;(196):42–50

Carbon fiber debris within the synovial joint. A time-dependent mechanical and histologic study. Parsons JR, et al. **Clin Orthop** 1985 Jun;(196):69–76

Combined Maquet and proximal tibial valgus osteotomy. Putnam MD, et al. **Clin Orthop** 1985 Jul–Aug;(197):217–23

The effect of running on the pathogenesis of osteoarthritis of the hips and knees. Sohn RS, et al. **Clin Orthop** 1985 Sep;(198):106–9

The knee in arthrogryposis. Thomas B, et al. **Clin Orthop** 1985 Apr;(194):87–92

The free synovial graft as a shield for collagen ingrowth in cruciate ligament repair. Townley CO, et al. **Clin Orthop** 1985 Jul–Aug;(197):266–71

Septic arthritis of the knee due to Neisseria mucosa. Abiteboul M, et al. **Clin Rheumatol** 1985 Mar;4(1):83–5

Reactive arthritis due to Yersinia enterocolitica. Foley JA, et al. **Clin Rheumatol** 1984 Sep;3(3):385–7

Staphylococcus aureus infection complicating haemarthroses in elderly patients. Helliwell M. **Clin Rheumatol** 1985 Mar; 4(1):90–2

Histologic documentation of gonococcal infection in the absence of a culturable organism. Rothschild BM, et al. **Clin Rheumatol** 1984 Sep;3(3):389–94

Treatment of juvenile osteochondritis dissecans and osteochondritis dissecans of the knee. Cahill B. **Clin Sports Med** 1985 Apr;4(2):367–84 (104 ref.)

Diagnosis of extensor mechanism disorders. Carson WG Jr. **Clin Sports Med** 1985 Apr;4(2):231–46

Double-blind multicentre study of the activity of S-adenosylmethionine in hip and knee osteoarthritis. Glorioso S, et al. **Int J Clin Pharmacol Res** 1985;5(1):39–49

The natural history of jumper's knee. Patellar or quadriceps tendonitis. Ferretti A, et al. **Int Orthop** 1985;8(4):239–42

Hypertrophic osteoperiostitis in Crohn's disease. Bertoni F, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):377–83

Arthroscopy in the diagnosis and treatment of meniscal lesions of the knee associated with chronic ligamentous instability. Mariani PP, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):355–61

Lancefield group G streptococcus septic arthritis in a heroin user: report of a case. Goldshlack P, et al. **J Am Osteopath Assoc** 1984 Sep;84(1):60–1

Plicae syndrome of the knee. Bogdan RJ. **J Am Podiatr Med Assoc** 1985 Jul;75(7):377–81

Arthroscopy. Jhaveri S, et al. **J Assoc Physicians India** 1984 Dec;32(12):1061–3

Torsion and bending imposed on a new anterior cruciate ligament prosthesis during knee flexion: an evaluation method. Gely P, et al. **J Biomech Eng** 1984 Nov; 106(4):285–94

Rupture of the patellar ligament after use of its central third for anterior cruciate reconstruction. A report of two cases. Bonamo JJ, et al. **J Bone Joint Surg [Am]** 1984 Oct; 66(8):1294–7

Upper tibial osteotomy for osteoarthritis. Coventry MB. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1136–40

The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament. Gerber C, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1034–43

Osteochondritis dissecans of the femoral condyles. Hughston JC, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1340–8

Chronic posterolateral rotatory instability of the knee. Hughston JC, et al. **J Bone Joint Surg [Am]** 1985 Mar; 67(3):351–9

Neurogenic acceleration of degenerative joint lesions. O'Connor BL, et al. **J Bone Joint Surg [Am]** 1985 Apr; 67(4):562–72

Genu recurvatum: a possible complication after Osgood–Schlatter disease. Case report. Zimbler S, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1129–30

Torsion of localised pigmented villonodular synovitis of the knee. Howie CR, et al. **J Bone Joint Surg [Br]** 1985 Aug; 67(4):564–6

Fracture-separation of articular cartilage in the adult knee. Johnson–Nurse C, et al. **J Bone Joint Surg [Br]** 1985 Jan; 67(1):42–3

Subluxation of the knee as a complication of femoral lengthening by the Wagner technique. Jones DC, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):33–5

Congenital contractural arachnodactyly. Report of a case and of an operation for knee contracture. Langenskiöld A. **J Bone Joint Surg [Br]** 1985 Jan;67(1):44–6

Absorption of labeled triethanolamine salicylate in human and canine knee joints. II. Rabinowitz JL, et al. **J Clin Pharmacol** 1984 Nov–Dec;24(11–12):532–9

Clinical trial of glucosamine compounds for osteoarthrosis of knee joints. Vajranetra P. **J Med Assoc Thai** 1984 Jul; 67(7):409–18

Arthroscopy--a review of 220 cases. Shelton WR. **J Miss State Med Assoc** 1984 Aug;25(8):203–4

Microinjury to the synovial membrane may cause disaggregation of proteoglycans in rabbit knee joint articular cartilage. Frost L, et al. **J Orthop Res** 1984; 2(3):207–20

Arthroscopy of the knee in children. Bergström R, et al. **J Pediatr Orthop** 1984 Sep;4(5):542–5

Orthotic management of severe genu varum and tibia vara. Takatori Y, et al. **J Pediatr Orthop** 1984 Sep;4(5):633–5

Knee effusions heralding ectopic ossification [letter] Nicholas JJ. **J Rheumatol** 1984 Oct;11(5):718

Changes in blood pressure and heart rate induced by movements of normal and inflamed knee joints. Sato A, et al. **Neurosci Lett** 1984 Nov 23;52(1–2):55–60

Symposium on the anterior cruciate ligament, part I. **Orthop Clin North Am** 1985 Jan;16(1):1–162

Embryology, anatomy, and function of the anterior cruciate ligament. Ellison AE, et al. **Orthop Clin North Am** 1985 Jan;16(1):3–14

Arthritis in a patient with asymptomatic neurosyphilis. Herman J, et al. **Practitioner** 1985 Jan;229(1399):22–3

Is joint aspiration of in acute haemarthrosis really necessary? [letter] Heim M, et al. **S Afr Med J** 1985 Apr 6;67(14):531–2

[Articular synovial osteochondromatosis] Hampel F, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):244–9 (Eng. Abstr.) **(Cze)**

[BCG osteomyelitis and gonitis in a small child] Mařík I, et al. **Acta Chir Orthop Traumatol Cech** 1984 Dec; 51(6):495–503 (Eng. Abstr.) **(Cze)**

[Changes in enzyme activity in cartilage and subchondral bone in experimental osteoarthrosis] Rohožková D, et al. **Cas Lek Cesk** 1985 Jul 12;124(28):876–9 (Eng. Abstr.) **(Cze)**

[Treatment of synovitis of the knee joint] Sonne M, et al. **Ugeskr Laeger** 1984 Aug 13;146(33):2470–3 (Eng. Abstr.) **(Dan)**

[Knee symptoms in children] Festen C, et al. **Ned Tijdschr Geneeskd** 1985 Feb 16;129(7):289–91 **(Dut)**

[Arthroscopy of the knee. Evaluation of 80 cases] Moulay A. **Maroc Med** 1985 Mar;7(1):457–60 (Eng. Abstr.) **(Fre)**

[Postero-internal menisco-capsular disinsertions associated with chronic instabilities of the knee caused by rupture of the anterior cruciate ligament] Lemaire M, et al. **Rev Chir Orthop** 1984;70(8):613–22 (Eng. Abstr.) **(Fre)**

[Arthroscopy of the knee at the Laval City of Health] Jean G, et al. **Union Med Can** 1984 Oct;113(10):839–41 (Eng. Abstr.) **(Fre)**

[Surgical treatment of osteochondrosis dissecans of the knee joint] Mayer G, et al. **Beitr Orthop Traumatol** 1985 Jan; 32(1):40–8 (Eng. Abstr.) **(Ger)**

[Characteristic morphological changes of the M. vastus lateralis in gonarthrosis (gonarthromuscular tissue pattern)] Ziegan J, et al. **Beitr Orthop Traumatol** 1985 Jan;32(1):26–9 (Eng. Abstr.) **(Ger)**

[Acemetacin in the treatment of arthroses of the hip and knee joints. Results of a double blind trial compared with piroxicam] Kronhagel R. **Fortschr Med** 1985 Feb 7; 103(5):99–103 (Eng. Abstr.) **(Ger)**

[Injuries of the anterior cruciate ligament: an unresolved controversy] Skoff H. **Orthopade** 1985 Feb;14(1):64–8 **(Ger)**

[Computed tomographic arthrography of the cruciate ligaments of the knee] Garz G, et al. **Radiol Diagn (Berl)** 1985;26(2):189–95 (Eng. Abstr.) **(Ger)**

[CT diagnosis of phlebothrombosis in Baker's cyst] Allgayer B, et al. **ROFO** 1984 Nov;141(5):593–4 **(Ger)**

[Arthrocele as a cause of phlebothrombosis] Liebscher K, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):595–7 (Eng. Abstr.) **(Ger)**

[Arthrosonography--a new additional image-producing procedure in the detection of diseases of the knee joint] Sattler H, et al. **Z Rheumatol** 1984 Jul–Aug;43(4):160–6 (Eng. Abstr.) **(Ger)**

[Indications for high tibial head osteotomy and unicondylar sliding prosthesis in knee joint arthrosis] Wentzensen A, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984; 77(3):163–9 **(Ger)**

[Diabetic neuroarthropathy of the knee: clinical case] Cozzolino F, et al. **Chir Organi Mov** 1984;69(1):79–81 (Eng. Abstr.) **(Ita)**

[Tibial osteotomy: review of our cases and study of variations of plantar support] Faccini R, et al. **Chir Organi Mov** 1982–83;68(4–6):555–9 (Eng. Abstr.) **(Ita)**

[Synovial plica syndrome: clinical aspects, diagnosis, therapy] Gandolfi M, et al. **Chir Organi Mov** 1982–83;68(4–6):603–13 (Eng. Abstr.) **(Ita)**

[A new technic for the stabilization of internal tibial rotatory subluxation] Marchetti PG, et al. **Chir Organi Mov** 1984; 69(2):213–5 (Eng. Abstr.) **(Ita)**

[Patellectomy in femoral–rotular fractures and arthrosis] Poli G. **Chir Organi Mov** 1982–83;68(4–6):581–8 (Eng. Abstr.) **(Ita)**

[Baker's cysts in rheumatoid arthritis: arthrographic–clinical study] Sgobbi S, et al. **Chir Organi Mov** 1982–83; 68(4–6):615–23 (Eng. Abstr.) **(Ita)**

[Surgical mobilization of subtotal rigidity of the knee. Technics and results. Postoperative hydropneumoarthrotherapy] Zanasi R, et al. **Chir Organi Mov** 1984;69(4):329–34 (Eng. Abstr.) **(Ita)**

[Rifamycin and superoxide dismutase in the treatment of rheumatoid synovitis of the knee] Corvetta A, et al. **Recenti Prog Med** 1985 May;76(5):265–8 (Eng. Abstr.) **(Ita)**

[Results of treatment of chronic exudative inflammation of the knee joint by isotope synoviorthesis using P–32 in the light of our studies] Fiedorowicz–Fabrycy I. **Ann Acad Med Stetin** 1984;30:321–57 (Eng. Abstr.) **(Pol)**

[Glomangiomas of atypical location] Jarmundowicz W, et al. **Neurol Neurochir Pol** 1984 Jul–Aug;18(4):339–43 (Eng. Abstr.) **(Pol)**

[Diagnostic difficulties in osteoarticular tuberculosis] Przybyłowski J, et al. **Pol Tyg Lek** 1984 Aug 6; 39(32):1071–3 (Eng. Abstr.) **(Pol)**

[Gangrenous pyoderma associated with chronic suppurative focus, extreme emaciation and dysproteinemia] Lańcucki J, et al. **Przegl Dermatol** 1984 Jul–Aug;71(4):353–7 (Eng. Abstr.) **(Pol)**

[Multiple symmetrical and multistructural arthropathies in a patient with syringomyelia] Markiewicz M, et al. **Wiad Lek** 1984 Mar 15;37(6):466–9 (Eng. Abstr.) **(Pol)**

[Synovial chondromatosis] Petrovichev NN, et al. **Arkh Patol** 1985;47(1):70–2 (Eng. Abstr.) **(Rus)**

[Immunity in arthrosis deformans of the knee joint] Goriachev AN, et al. **Ortop Travmatol Protez** 1985 Feb; (2):33–7 (Eng. Abstr.) **(Rus)**

[Clinical manifestations of myofasciotenodesis of the knee joint] Krasnov AF, et al. **Ortop Travmatol Protez** 1985 Feb; (2):62–5 **(Rus)**

[Pathogenesis of traumatic arthritis] Maslennikov EIu, et al. **Ortop Travmatol Protez** 1985 Jan;(1):41–3 **(Rus)**

[A device for the restoration of function of the knee joint] Oganesian OV, et al. **Ortop Travmatol Protez** 1985 Feb; (2):56–7 **(Rus)**

[Tuberculosis associated with periarteritis nodosa] Shilkina NP, et al. **Probl Tuberk** 1984 Aug;(8):44–8 (Eng. Abstr.) **(Rus)**

[Clinico-laboratory characteristics of synovitis in osteoarthrosis deformans] Astapenko MG, et al. **Revmatologiia (Moskva)** 1984 Oct–Dec;(4):10–4 (Eng. Abstr.) **(Rus)**

[Foreign body in the knee joint in a child] Salamov LA, et al. **Vestn Khir** 1984 Dec;133(12):71–2 **(Rus)**

[Clinico-physiological substantiation of using classical and segmental massage in the complex treatment of patients with osteoarthrosis deformans] Kampanov AIu, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr; (2):17–20 (Eng. Abstr.) **(Rus)**

[The significance of varicose veins in the pathogenesis of hydrops of the knee] Bozó S, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1377–9 (Eng. Abstr.) **(Slo)**

ABNORMALITIES

Femoral lateral epiphyseal hypoplasia as a cause of unilateral genu valgum. Gopal G. **Indian J Pediatr** 1984 Mar–Apr; 51(409):241–2

Congenital absence of the anterior cruciate ligament. A common component of knee dysplasia. Thomas NP, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):572–5

Genu valgus. Herring JA, et al. **J Pediatr Orthop** 1985 Mar–Apr;5(2):236–9

[Disorders of morphogenesis: genua recurvata as a deformity in various pathogenetic abnormality syndromes (Larsen syndrome, Greig polysyndactylia syndrome, partial trisomy 10q, myelomeningocele)] Kunze J, et al. **Klin Padiatr** 1984 Jul–Aug;196(4):228–30 (Eng. Abstr.) **(Ger)**

ANALYSIS

Lipid composition of the tissues of human knee joints. II. Synovial fluid in trauma. Rabinowitz JL, et al. **Clin Orthop** 1984 Nov;(190):292–8

ANATOMY & HISTOLOGY

Unicompartmental arthroplasty of the knee. Cadaver study of the importance of the anterior cruciate ligament. Møller JT, et al. **Acta Orthop Scand** 1985 Apr;56(2):120–3

Unicompartmental arthroplasty of the knee. Cadaver study of tibial component placement. Møller JT, et al.

Acta Orthop Scand 1985 Apr;56(2):115-9

Anatomical and functional study on the musculus semimembranosus. Bejui J, et al. **Anat Clin** 1984;6(3):215-23

Fabella in men of three human races. Miaśkiewicz C, et al. **Folia Morphol** 1984;43(4):369-74

MR imaging of the normal knee. Li KC, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1147-54

[Value of the femorotibial angle in 244 patients without knee arthrosis] Massé JP, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):91-4 (Eng. Abstr.) **(Fre)**

[MR of the knee joint. Imaging of the normal anatomy and pathological findings using surface coils] Steinbrich W, et al. **ROFO** 1985 Aug;143(2):166-72 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

The popliteal entrapment syndrome. Becquemin JP, et al. **Anat Clin** 1984;6(3):203-7

Blood supply to the anterior cruciate ligament and supporting structures. Arnoczky SP. **Orthop Clin North Am** 1985 Jan;16(1):15-28

[Morphologic changes in artificial prostheses following para-articular knee bypass operations] Tuchmann A. **Wien Klin Wochenschr** 1985 Jun 7;97(12):522-5 (Eng. Abstr.) **(Ger)**

EMBRYOLOGY

Formation of the femoropatellar part of the human knee joint. Doskočil M. **Folia Morphol (Praha)** 1985;33(1):38-47

[Study of the development of the human knee joint] Doskočil M. **Anat Anz** 1984;157(1):35-41 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

[Torsion of the knee joint under normal and pathological conditions] Gafarov KhZ. **Ortop Travmatol Protez** 1984 Jul;(7):31-6 (Eng. Abstr.) **(Rus)**

INNERVATION

Mechanoreceptors in human cruciate ligaments. A histological study. Schultz RA, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1072-6

Ultrastructure of sensory nerve endings in monkey (Macaca fascicularis) knee joint capsule. Halata Z, et al. **J Orthop Res** 1984;2(2):169-76

[Neuro-orthopedic diseases of the knee joint] Bystrov VV, et al. **Ortop Travmatol Protez** 1985 Feb;(2):29-33 (Eng. Abstr.) **(Rus)**

METABOLISM

Subchondral PO2 and PCO2 are unaffected in experimental arthrosis. Svalastoga E, et al. **Acta Orthop Scand** 1984 Oct;55(5):514-6

Changes in permeability of rabbit articular cartilage caused by joint contracture as revealed by the peroxidase method. Nakamura K, et al. **Arch Histol Jpn** 1984 Nov;47(5):541-7

Distribution and binding of glycosaminoglycan polysulfate to intervertebral disc, knee joint articular cartilage and meniscus. Andrews JL, et al. **Arzneimittelforsch** 1985;35(1):144-8

Antibiotic absorption from infected and normal joints using a rabbit knee joint model. Schurman DJ, et al. **J Orthop Res** 1985;3(2):185-8

Crystal deposition in the knee and great toe joints of asymptomatic gout patients. Kennedy TD, et al. **J R Soc Med** 1984 Sep;77(9):747-50

Amyloid deposits in human knee and hip joints. Mitrovic DR, et al. **Rheumatol Int** 1985;5(2):83-9

PATHOLOGY

Localization and frequency of degenerative changes in the knee joint: evaluation of 200 necropsies. Kiss I, et al. **Acta Morphol Hung** 1984;32(2):155-63

Spontaneous osteonecrosis of the knee. Gutowski WT. **Am Fam Physician** 1985 Apr;31(4):151-6

Genu recurvatum: a complication of prolonged femoral skeletal traction. Ishikawa H, et al. **Arch Orthop Trauma Surg** 1984;103(3):215-8

Effects of mechanical loading on the tissues of the rabbit knee. Radin EL, et al. **J Orthop Res** 1984;2(3):221-34

The natural course of gonarthritis. Shioda K, et al. **Keio J Med** 1983 Dec;32(3-4):59-71

Histochemical and cellular changes induced in the rabbit knee joint by an intraarticular implantation of a sheet of polyethylene. Mitrovic DR, et al. **Lab Invest** 1985 Aug;53(2):228-39

The classification of knee ligament instability. Andrews JR, et al. **Orthop Clin North Am** 1985 Jan;16(1):69-82

Associated joint pathology in the anterior cruciate ligament-deficient knee with emphasis on a classification system and injuries to the meniscocapsular ligament-musculotendinous unit complex. Terry GC, et al. **Orthop Clin North Am** 1985 Jan;16(1):29-39 (40 ref.)

Inflammatory involvement in rabbit knee following immobilization and resulting in osteoarthritis. Michelsson JE, et al. **Scand J Rheumatol** 1984;13[illegible]3-81

Calcium pyrophosphate deposition in nonhuman primates. Roberts ED, et al. **Vet Pathol** 1984 Nov;21(6):592-6

[Cellular aspects of the aging of the articular cartilage. II. Condylar cartilage with fissured surface taken from normal and arthritic knees] Quintero M, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):445-9 (Eng. Abstr.) **(Fre)**

[Synovial folds in the human knee joint] Böhnel P, et al. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):583-5 (Eng. Abstr.) **(Ger)**

[Tibial osteotomy in the therapy of the arthritic genu varum] Gualtieri G, et al. **Chir Organi Mov** 1982-83;68(4-6):561-80 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Influences of joint immobilization and running exercise on articular cartilage surfaces of young rabbits. A semiquantitative stereomicroscopic and scanning electron microscopic study. Jurvelin J, et al. **Acta Anat (Basel)** 1985;122(1):62-8

Age-related changes in proprioception and sensation of joint position. Kaplan FS, et al. **Acta Orthop Scand** 1985 Feb;56(1):72-4

Knee stability in orthotic knee braces. Hofmann AA, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):371-4

Anteroposterior tibiofemoral displacements during isometric extension efforts. The roles of external load and knee flexion angle. Jurist KA, et al. **Am J Sports Med** 1985 Jul-Aug;13(4):254-8

Mathematical kinematics in engineering of endoprostheses. Evaluation of the results of gait analysis. Hoschek J, et al. **Arch Orthop Trauma Surg** 1984;103(5):342-7

Load on knee joint and knee muscular activity during machine milking. Ekholm J, et al. **Ergonomics** 1985 Apr;28(4):665-82

Analysis of 100 knees in high school runners. Landry ME, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):382-4

Muscular synergism--I. On criteria for load sharing between synergistic muscles. Dul J, et al. **J Biomech** 1984;17(9):663-73

Knee flexor moments during propulsion in cycling--a creative solution to Lombard's Paradox. Gregor RJ, et al. **J Biomech** 1985;18(5):307-16

Geometry and motion of the knee for implant and orthotic design. Kurosawa H, et al. **J Biomech** 1985;18(7):487-99

Predictions of knee and ankle moments of force in walking from EMG and kinematic data. Olney SJ, et al. **J Biomech** 1985;18(1):9-20

Joint forces in the human pelvis-leg skeleton during walking. Röhrle H, et al. **J Biomech** 1984;17(6):409-24

Control exerted by ligaments. Wongchaisuwat C, et al. **J Biomech** 1984;17(7):525-32

A biomechanical model of the posterior knee capsule of the cat. Hoffman AH, et al. **J Biomech Eng** 1985 May;107(2):140-6

Control of sliding and rolling at natural joints. Wongchaisuwat C, et al. **J Biomech Eng** 1984 Nov;106(4):368-75

Ankle and knee position as a factor modifying intracompartmental pressure in the human leg. Gershuni DH, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1415-20

Effects of joint load on the stiffness and laxity of ligament-deficient knees. An in vitro study of the anterior cruciate and medial collateral ligaments. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):136-46

A study of quadriceps excursion, torque, and the effect of patellectomy on cadaver knees. Wendt PP, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):726-32

Advancement of the tibial tuberosity. A biomechanical study. Nakamura N, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):255-60

A study of factors influencing muscle activity about the knee joint. Andriacchi TP, et al. **J Orthop Res** 1984;1(3):266-75

In vitro contact stress distribution on the femoral condyles. Brown TD, et al. **J Orthop Res** 1984;2(2):190-9

A system to measure the forces and moments at the knee and hip during level walking. Gilbert JA, et al. **J Orthop Res** 1984;2(3):281-8

Early changes in material properties of rabbit articular cartilage after meniscectomy. Hoch DH, et al. **J Orthop Res** 1983;1(1):4-12

Force ratios in the quadriceps tendon and ligamentum patellae. Huberti HH, et al. **J Orthop Res** 1984;2(1):49-54

Functional evaluation of total knee replacement. Laughman RK, et al. **J Orthop Res** 1984;2(4):307-13

Joint position sense in total knee arthroplasty. Skinner HB, et al. **J Orthop Res** 1984;1(3):276-83

Pressure-volume relationships and elastance in the knee joint of the dog. Nade S, et al. **J Physiol (Lond)** 1984 Dec;357:417-39

External knee joint design based on normal motion. Walker PS, et al. **J Rehabil Res Dev** 1985 Jan;22(1):9-22

Methods of data smoothing for instantaneous centre of rotation measurements. Bryant JT, et al. **Med Biol Eng Comput** 1984 Nov;22(6):597-602

Influence of sex differences and knee joint position on electrical stimulation-modulated strength increases. Fahey TD, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):144-7

The biomechanics and function of the secondary restraints to the anterior cruciate ligament. McLeod WD. **Orthop Clin North Am** 1985 Apr;16(2):165-70

Biomechanical comparison of rising from two types of chairs. Burdett RG, et al. **Phys Ther** 1985 Aug;65(8):1177-83

The response of slowly adapting mechanoreceptors in the cat knee joint to tetanic contraction of hind limb muscles. Ferrell WR. **Q J Exp Physiol** 1985 Jul;70(3):337-45

Fluid compartmentation and articular mechanoreceptor discharge in the cat knee joint. Wood L, et al. **Q J Exp Physiol** 1985 Jul;70(3):329-35

Isokinetic plantar flexion endurance. Reliability and validity of output/excitation measurements. Fugl-Meyer AR, et al. **Scand J Rehabil Med** 1985;17(2):47-52

[Patellar constraint] Maquet P. **Acta Orthop Belg** 1984;50(6):729-42 (Eng. Abstr.) **(Fre)**

[Functional anatomy and clinical findings of the knee joint] Müller W. **Helv Chir Acta** 1984 Nov;51(5):505-14 (Eng. Abstr.) **(Ger)**

[Significance of the splitting of the lateral patellar retinaculum and the mediopatellar synovial fold in the surgical therapy of patellar chondromalacia] Hille E, et al. **Z Orthop** 1985 Jan-Feb;123(1):23-6 (Eng. Abstr.) **(Ger)**

[Current trends in phonoarthrography] McCrea JD, et al. **Z Orthop** 1985 Jan-Feb;123(1):13-7 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Torque-velocity relationships of the knee extensor and flexor muscles in individuals sustaining injuries of the anterior cruciate ligament. Murray SM, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):436-40

The posterior cruciate ligament and rotatory knee instability. An experimental study. Nielsen S, et al. **Arch Orthop Trauma Surg** 1985;104(1):53-6

Rotatory instability of cadaver knees after transection of collateral ligaments and capsule. Nielsen S, et al. **Arch Orthop Trauma Surg** 1984;103(3):165-9

The anterior cruciate ligament of the knee: an experimental study of its importance in rotatory knee instability. Nielsen S, et al. **Arch Orthop Trauma Surg** 1984;103(3):170-4

Arc-aggregation: a new method of range of motion analysis in hemophilia. Johnson RP, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):584-7

Isokinetic torque levels in hemophiliac knee musculature. Strickler EM, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):766-70

Symptomatic osteoarthrosis of the knee: a follow-up study. Berkhout B, et al. **Br J Rheumatol** 1985 Feb;24(1):40-5

Prediction of muscle and joint loads after segmental femur replacement for osteosarcoma. van Krieken FM, et al. **Clin Orthop** 1985 Sep;(198):273-83

Scientific basis of extensor mechanism disorders. Grana WA, et al. **Clin Sports Med** 1985 Apr;4(2):247-57

Osteotomy of the patella in the patellofemoral pain syndrome. The significance of increased intraosseous pressure during sustained knee flexion. Hejgaard N, et al. **Int Orthop** 1984;8(3):189-94

Patellofemoral function in total condylar knee arthroplasty. Sneppen O, et al. **Int Orthop** 1985;9(1):65-8

Instrumented measurement of anterior laxity of the knee. Daniel DM, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):720-6

Stiffness after fractures around the knee in spina bifida. Drabu KJ, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):266-7

Mechanical factors in the incidence of knee pain in adolescents and young adults. Fairbank JC, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):685-93

In vivo strain patterns in the four major canine knee ligaments. Monahan JJ, et al. **J Orthop Res** 1984;2(4):408-18

Knee joint in soccer players: osteoarthritis and axis deviation. Chantraine A. **Med Sci Sports Exerc** 1985 Aug;17(4):434-9

Relationship of muscle strength for knee extension to walking capacity in patients with spastic hemiparesis. Nakamura R, et al. **Tohoku J Exp Med** 1985 Mar;145(3):335-40

[Locked knee caused by synovial plicae] Højlund AP, et al. **Ugeskr Laeger** 1984 Aug 6;146(32):2404-5 (Eng. Abstr.) **(Dan)**

[Patellectomy with preservation of the leverage and continuity of the extensor system in patellar chondropathy] de la Caffinière JY, et al. **Rev Chir Orthop** 1984;70(5):389-96 (Eng. Abstr.) **(Fre)**

[Constraints on the knee caused by meniscal and ligament derangement. Study of the internal condylotibial joint. Experimental cinematic method] Frain P, et al. **Rev Chir Orthop** 1984;70(5):361-9 (Eng. Abstr.) **(Fre)**

[Influence of the patella on the equilibrium of the knee joint. Mutual effects of patellar and femorotibial arthrosis] Grammont P. **Orthopade** 1985 Jun;14(3):193-202 **(Ger)**

[Vibration arthrography in the diagnosis of knee joint diseases] McCrea JD, et al. **Z Orthop** 1985 Jan-Feb;123(1):18-22 (Eng. Abstr.) **(Ger)**

[Bloodless treatment of patellar instability; author's experience] Villa I, et al. **Chir Ital** 1982 Jun;34(3):483-91 (Eng. Abstr.) **(Ita)**

[Biomechanical changes in interventions for femoral-rotular arthrosis] Carli C, et al. **Chir Organi Mov** 1982-83;68(4-6):545-53 (Eng. Abstr.) **(Ita)**

[Stand for evaluating muscular efficiency and for exercises of the knee joint] Siwek W, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):487-9 (Eng. Abstr.) **(Pol)**

[Prospects of using diagnostic biomechanical equipment] Kaz'min AI, et al. **Ortop Travmatol Protez** 1984 Nov;(11):70-3 **(Rus)**

[Soft tissues of the hip in patients with contractures of the knee joint] Kudrin BI, et al. **Ortop Travmatol Protez** 1985 Feb;(2):26-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Radio-synovectomy in chronic synovitis of the knee joint in patients with rheumatoid arthritis. Boerbooms AM, et al. **Eur J Nucl Med** 1985;10(9-10):446-9

Synovectomy of the knee with 90Y. Spooren PF, et al. **Eur J Nucl Med** 1985;10(9-10):441-5

From the NIH. Radionuclide therapy for arthritic knees [news] Doepel LK. **JAMA** 1985 Feb 8;253(6):744-5

RADIOGRAPHY

A comparison of Hexabrix and Renografin-60 in knee arthrography. Apple JS, et al. **AJR** 1985 Jul;145(1):139-42

Comparison of overhead and cross-table lateral views for detection of knee-joint effusion. Singer AM, et al. **AJR** 1985 May;144(5):973-5

Diagnosis of cruciate ligament injury using single contrast arthrography. Reider B, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):451-4

Jaccoud's arthropathy of the knees in systemic lupus erythematosus. de la Sota M, et al. **Arthritis Rheum** 1985 Jul;28(7):825-7

Double-contrast CT arthrography of the cartilage of the patellofemoral joint. Ihara H. **Clin Orthop** 1985 Sep;(198):50-5

Clinical significance of knee joint changes after meniscectomy. Veth RP. **Clin Orthop** 1985 Sep;(198):56-60

Arthrography in the investigation of persistent pain after meniscectomy. Cavina C, et al. **Ital J Orthop Traumatol** 1984 Sep;10(3):363-8

The incidence of fabellae in osteoarthrosis of the knee. Pritchett JW. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1379-80

Late degenerative changes after meniscectomy. Factors affecting the knee after operation. Allen PR, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):666-71

Prone and supine views in double-contrast knee arthrography. Hammond DI, et al. **J Can Assoc Radiol** 1984 Sep;35(3):262-3

Radiographic measurement of infantile tibia vara. Foreman KA, et al. **J Pediatr Orthop** 1985 Jul-Aug;5(4):452-5

Radiologic classification of knee joint destruction in juvenile chronic arthritis. Pettersson H, et al. **Pediatr Radiol** 1984;14(6):419-21

Meniscal tears of the knee: evaluation by high-resolution CT combined with arthrography. Ghelman B. **Radiology** 1985 Oct;157(1):23-7

Knee arthrography today. Kaye JJ. **Radiology** 1985 Oct;157(1):265-6

Meniscal lesions of the knee joint: CT diagnosis. Passariello R, et al. **Radiology** 1985 Oct;157(1):29-34

Detection of intra-articular osteochondral bodies in the knee using computed arthrotomography. Sartoris DJ, et al. **Radiology** 1985 May;155(2):447-50

Synovial cysts of the knee: CT evaluation. Schwimmer M, et al. **Radiology** 1985 Jan;154(1):175-7

Cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury. Wolfe RD, et al. **Radiology** 1985 Oct;157(1):19-21

Milwaukee Shoulder syndrome: eleven additional cases with involvement of the knee in seven (basic calcium phosphate crystal deposition disease). Halverson PB, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):36-44

Case report 307. Diagnosis: synovial osteochondromatosis limited to a popliteal cyst. Abu-Yousef MM, et al. **Skeletal Radiol** 1985;13(3):234-8

Familial osteochondritis dissecans: a dysplasia of articular cartilage? Kozlowski K, et al. **Skeletal Radiol** 1985;13(3):207-10

[Positive arthrography in pathological changes of medial connective structures in the knee joint] Grepl J. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):474-80 (Eng. Abstr.) **(Cze)**

[High-voltage arthrotomographic study of the anterior cruciate ligament] Henrion P, et al. **J Belge Radiol** 1984;67(4):227-33 (Eng. Abstr.) **(Fre)**

[A system for improving the quality of the image in knee arthrography] Coutté A, et al. **J Radiol** 1985 Apr;66(4):327-8 (Eng. Abstr.) **(Fre)**

[Clinical and arthrographic diagnosis of lateral discoid meniscus] Sulmoni M, et al. **Helv Chir Acta** 1985 Jan;51(6):819-26 (Eng. Abstr.) **(Ger)**

[Ossification of the distal femoral epiphysis. On the question of osteochondrosis dissecans in children] Maurer HJ, et al. **Z Orthop** 1984 Nov-Dec;122(6):803-9 (Eng. Abstr.) **(Ger)**

[Spontaneous osteonecrosis of the knee joint] Vajda A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(2):143-6 (Eng. Abstr.) **(Hun)**

[Value of knee joint arthrography] Luzsa G, et al. **Orv Hetil** 1985 Apr 7;126(14):837-8, 841-4 (Eng. Abstr.) **(Hun)**

[Arthrography of the operated meniscus] Beolchi L, et al. **Chir Ital** 1984 Jun;36(3):438-44 (Eng. Abstr.) **(Ita)**

[Combination of arthrography and computerized tomography in the study of the femoro-patellar joint] Riboldi A. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):16-9 (Eng. Abstr.) **(Ita)**

[Roentgenographic and experimental studies of the patella alta] Shimakawa T. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):907-18 (Eng. Abstr.) **(Jpn)**

[A roentgenographic study of extension movements in osteoarthritic knees] Yamaji Z. **Nippon Seikeigeka Gakkai Zasshi** 1984 Sep;58(9):895-906 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Ruptured Baker cyst diagnosed by scintiarthrography. Carrier L, et al. **Clin Nucl Med** 1984 Sep;9(9):542-3

Baker's cyst. Radionuclide arthrographic findings. Lamki L. **Clin Nucl Med** 1985 Mar;10(3):147-52

Demonstration of an infected popliteal (Baker's) cyst with three-phase skeletal scintigraphy. Wallner RJ, et al. **Clin Nucl Med** 1985 Mar;10(3):153-5

[Radioisotopes in the investigation of complications after total hip and knee replacement] Biotenski A, et al. **Harefuah** 1985 Feb 1;108(3):131-4 (Eng. Abstr.) **(Heb)**

SURGERY

Instruments for routine arthroscopic surgery of the knee. Lundberg M, et al. **Acta Chir Scand [Suppl]** 1984;520:79-83

Pes anserinus transfer for the unstable knee. A 7-year follow-up of 43 cases of ruptured anterior cruciate ligament. Hovelius L, et al. **Acta Orthop Scand** 1985 Apr;56(2):127-9

Extra-articular stabilization of the knee a.m. Losee. Mølster AO, et al. **Acta Orthop Scand** 1984 Dec;55(6):640-2

Septic arthritis of the knee. Five cases treated with synovectomy. Riegels-Nielsen P, et al. **Acta Orthop Scand** 1984 Dec;55(6):657-9

Surgical treatment of anterolateral rotatory instability. A follow-up study. Andrews JR, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):112-9

Femoral nerve block in knee joint surgery. Ringrose NH, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):398-402

A review of knee joint synovectomy in rheumatoid arthritis with theoretical and technical considerations. Mori M. **Ann Chir Gynaecol [Suppl]** 1985;198:40-7

Prediction of long-term outcome of tibial osteotomy in medial gonarthrosis. Tjörnstrand B, et al. **Arch Orthop Trauma Surg** 1985;103(6):396-401

Synovectomy as treatment for purulent joint infection. Tscherne H, et al. **Arch Orthop Trauma Surg** 1984;103(3):162-4

Autogeneic anterior cruciate ligament (ACL) anterior reconstruction of the knee. A review. Friedman MJ, et al. **Clin Orthop** 1985 Jun;(196):9-14 (70 ref.)

Can carbon fiber implants substitute for collateral ligament? Gleason TF, et al. **Clin Orthop** 1984 Dec;(191):274-80

A synopsis of surgery for rheumatoid arthritis (excluding the hand). Goldie I. **Clin Orthop** 1984 Dec;(191):185-92

Knee fusion with intramedullary rods for failed total knee arthroplasty. Harris CM, et al. **Clin Orthop** 1985 Jul-Aug;(197):209-16

Histopathology of failed osteoarticular shell allografts. Kandel RA, et al. **Clin Orthop** 1985 Jul-Aug;(197):103-10

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139-42

Arthrodesis after failed knee arthroplasty. A nationwide multicenter investigation of 91 cases. Knutson K, et al. **Clin Orthop** 1984 Dec;(191):202-11

Early motion with cast-brace after modified Coventry high tibial osteotomy. Kriegshauser LA, et al. **Clin Orthop** 1985 May;(195):168-72

An anteromedial approach to the posterior cruciate ligament. Levy IM, et al. **Clin Orthop** 1984 Nov;(190):174-81

Fresh small-fragment osteochondral allografts. Long-term follow-up study on first 100 cases. McDermott AG, et al. **Clin Orthop** 1985 Jul-Aug;(197):96-102

The measurement of anterior knee laxity after ACL reconstructive surgery. Malcom LL, et al. **Clin Orthop** 1985 Jun;(196):35-41

The treatment of choice in osteoarthritis of the knee. Maquet P. **Clin Orthop** 1985 Jan-Feb;(192):108-12

Carbon fiber ligament replacement in chronic knee instability. Neugebauer R, et al. **Clin Orthop** 1985 Jun;(196):118-23

The effect of alignment on results in arthroscopic debridement of the degenerative knee. Salisbury RB, et al. **Clin Orthop** 1985 Sep;(198):268-72

Joint debridement in the treatment of advanced hemophilic knee arthropathy. Soreff J. **Clin Orthop** 1984 Dec;(191):179-84

The use of carbon fiber implants in anterior cruciate ligament surgery. Strover AE, et al. **Clin Orthop** 1985 Jun;(196):88-98

Clinical experience and early results of carbon fiber augmentation of anterior cruciate reconstruction of the knee. Strum GM, et al. **Clin Orthop** 1985 Jun;(196):124-38

Ligament replacement with an absorbable copolymer carbon fiber scaffold--early clinical experience. Weiss AB, et al. **Clin Orthop** 1985 Jun;(196):77-85

Treatment of chronic anterior knee instabilities with combined intra- and extra-articular transfer augmented with carbon-PLA fibers. Witvoet J, et al. **Clin Orthop** 1985 Jun;(196):143-53

Long-term results of knee synovectomy in early cases of rheumatoid arthritis. Brattström, et al. **Clin Rheumatol** 1985 Mar;4(1):19-22

Philosophy and rationale for the management of anterior cruciate injuries and the resultant deficiencies. Cabaud HE, et al. **Clin Sports Med** 1985 Apr;4(2):313-24

Successive ruptures of the ligamenta patellarum in a young Nigerian: a case report. Salawu SA, et al. **Injury** 1985 Mar;16(5):337-8

The effect of synovectomy on the articular cartilage of the knee joint in rabbits. Moon MS, et al. **Int Orthop** 1985;8(4):247-53

Osteochondral hemiarthroplasty. An experimental investigation in baboons. Roffman M, et al. **Int Orthop** 1985;9(1):69-75

Anterior cruciate reconstruction using the Jones-Ellison procedure. Fried JA, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1029-33

High tibial osteotomy for varus gonarthrosis. A long-term follow-up study. Insall JN, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1040-8

Total condylar knee replacement. A study of factors influencing range of motion as late as two years after arthroplasty. Schurman DJ, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1006-14

Intra-articular transfer of the iliotibial tract. Two to seven-year follow-up results. Scott WN, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):532-8

The arthroscopic treatment of chondromalacia patellae. Ogilvie-Harris DJ, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):660-5

Replacement of the anterior cruciate ligament by an allogeneic tendon graft. An experimental study in the dog. Shino K, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):672-81

Posterior capsulotomy for the treatment of severe flexion contractures of the knee. Heydarian K, et al. **J Pediatr Orthop** 1984 Nov;4(6):700-4

Arthroscopic removal of loose bodies from the knee. Stother IG, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):246-8

Intra-articular reconstruction of the anterior cruciate ligament. Clancy WG Jr. **Orthop Clin North Am** 1985 Apr;16(2):181-9

Surgery of the knee. Tubbs N. **Practitioner** 1985 Feb;229(1400):143-4, 146, 149

Diagnostic arthroscopy and arthroscopic surgery [letter] Firer P. **S Afr Med J** 1985 Jun 29;67(26):1038-9

Intra-articular steroids--an alternative to knee synovectomy in rheumatoid arthritis? [letter] Carlsson A, et al. **Scand J Rheumatol** 1984;13(4):375-7

Early post operative management following meniscectomy. Green AD, et al. **Ulster Med J** 1983;52(2):167-9

Experience with the Sheehan knee replacement. McCoy GF, et al. **Ulster Med J** 1983;52(1):35-9

[Impaction-osteotomy in the treatment of genu varum and genu valgum] Wang SX, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):219-20, 254 (Eng. Abstr.) **(Chi)**

[End results of Pridie operation for arthritic knees] Lin YF, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):513-20 (Eng. Abstr.) **(Chi)**

[Reconstruction of part of the knee joint] Fiala O. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):236-43 (Eng. Abstr.) **(Cze)**

[Surgery of knee ligaments based on data of the First Orthopedic Clinic in Brno] Janeček M, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):68-73 (Eng. Abstr.) **(Cze)**

[Alloplasty of the knee joint in progressive polyarthritis and osteoarthritis] Kaňková D, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1356-61 (Eng. Abstr.) **(Cze)**

[Anterior ligamentoplasty of the knee under arthroscopic control] Bahuaud J, et al. **Presse Med** 1984 Dec 1;13(43):2641-3 (Eng. Abstr.) **(Fre)**

[Unicompartmental arthroplasty (Lotus type) in the treatment of lateralized gonarthrosis in the elderly. Outcome after more than 5 years of 56 prostheses analyzed in 1981] Goutallier D, et al. **Rev Chir Orthop** 1985;71(3):213-8 (Eng. Abstr.) **(Fre)**

[Unicompartmental femorotibial arthroplasty and lateral gonarthrosis. Outcome of 52 prostheses implanted for more than 5 years] Goutallier D, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):399-404 (Eng. Abstr.) **(Fre)**

[Functional recovery after meniscectomy of the knee. A retrospective study] Dupont L, et al. **Union Med Can** 1985 Jul;114(7):563-7, 570 (Eng. Abstr.) **(Fre)**

[Postoperative knee joint mobilization in catheter peridural anesthesia following arthrolyses of the knee joint] Ulrich C, et al. **Aktuel Traumatol** 1985 Apr;15(2):47-51 (Eng. Abstr.) **(Ger)**

[Arthrotomy of the knee joint under local anesthesia] Knauf G. **Beitr Orthop Traumatol** 1984 Dec;31(12):634-6 (Eng. Abstr.) **(Ger)**

[A new method for the replacement of the anterior cruciate ligament] Passl R, et al. **Beitr Orthop Traumatol** 1984 Aug;31(8):401-7 (Eng. Abstr.) **(Ger)**

[The value of Lindemann's method for the treatment of chronic simple or complicated knee joint instability] Popko J, et al. **Beitr Orthop Traumatol** 1985 Apr;32(4):186-9 (Eng. Abstr.) **(Ger)**

[Efficiency and limits of the dynamic cruciate ligament replacement operation using Lindemann's method in chronic ligament instability] Zeumer B, et al. **Beitr Orthop Traumatol** 1984 Sep;31(9):460-7 (Eng. Abstr.) **(Ger)**

[A cartilage-protective wound hook for knee arthrotomy] Zimmermann H. **Beitr Orthop Traumatol** 1984 Aug;31(8):425-6 (Eng. Abstr.) **(Ger)**

[Decisions before, during and following knee joint arthroscopy] Kohn D, et al. **Fortschr Med** 1985 Mar 28; 103(12):317-20 (Eng. Abstr.) **(Ger)**

[Tibial head osteotomy in the treatment of gonarthrosis] Giebel G, et al. **Orthopade** 1985 Jun;14(3):144-53 **(Ger)**

[Indications, surgical technic and results of transcondylar tibia osteotomy in gonarthrosis. Experiences based on a follow-up study of 783 tibia osteotomies] Jenny K, et al. **Orthopade** 1985 Jun;14(3):161-71 **(Ger)**

[Results of tibia condyle osteotomy] Kleinert B, et al. **Orthopade** 1985 Jun;14(3):154-60 (Eng. Abstr.) **(Ger)**

[Indication, technic and results of supra- and infracondylar osteotomy in osteoarthrosis of the knee joint] Wagner H, et al. **Orthopade** 1985 Jun;14(3):172-92 **(Ger)**

[Early postoperative mobilization of the knee joint following arthrolysis with continuous catheter peridural anesthesia] Seeling W, et al. **Reg Anaesth** 1985 Jan;8(1):1-4 (Eng. Abstr.) **(Ger)**

[Replacement of the anterior cruciate ligament with the vascularized pedicled central one-third of the patellar ligament. I. Morphological basis] Benedetto KP. **Unfallchirurg** 1985 Apr;88(4):182-8 (Eng. Abstr.) **(Ger)**

[Replacement of the anterior cruciate ligament with the vascularized pedicled central one-third of the patellar ligament. II. Operative technic and results] Benedetto KP. **Unfallchirurg** 1985 Apr;88(4):189-97 **(Ger)**

[Tension characteristics of transplants replacing the anterior cruciate ligament, together with a contribution to the criticism of the 'over-the-top' technic] Hassenpflug J, et al. **Unfallchirurg** 1985 Apr;88(4):151-8 (Eng. Abstr.) **(Ger)**

[Technic of corrective valgus-producing osteotomy of the head of the tibia near the knee joint] Blauth W. **Unfallheilkunde** 1984 Oct;87(10):397-404 (Eng. Abstr.) **(Ger)**

[Functional knee empyema treatment] Zifko B. **Unfallheilkunde** 1984 Nov;87(11):479-87 (Eng. Abstr.) **(Ger)**

[So-called cystic adventitia degeneration of the popliteal artery with pedicle connection to the knee joint (case report)] Largiadèr J, et al. **Vasa** 1984;13(3):267-71 (Eng. Abstr.) **(Ger)**

[Arc-shaped tibial head osteotomy using a drill guide device] Sühler H, et al. **Z Orthop** 1984 Nov-Dec;122(6):810-3 (Eng. Abstr.) **(Ger)**

[Spontaneous femoral condyle necrosis of the knee joint (Ahlbäck disease)] Albers W, et al. **Zentralbl Chir** 1985; 110(10):607-12 (Eng. Abstr.) **(Ger)**

[Treatment of knee joint empyema] Hansis M, et al. **Zentralbl Chir** 1984;109(22):1431-6 (Eng. Abstr.) **(Ger)**

[Treatment of osteochondrosis dissecans of the knee. Analysis of 77 lesions treated at the Rizzoli Orthopedic Institute] Giunti A, et al. **Chir Organi Mov** 1984;69(2):111-8 (Eng. Abstr.) **(Ita)**

[Surgical treatment of chronic lesions of the anterior crossed ligament of the knee. With special reference to the Lindemann-Bousquet technic] Cormio C, et al. **Minerva Med** 1984 Aug 25;75(32-33):1903-6 **(Ita)**

[Remarks on the surgical treatment of osteochondritis dissecans of the knee--osteochondrosis dissecans] Jaworski W. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):171-5 (Eng. Abstr.) **(Pol)**

[Results of the surgical treatment of chronic antero-medial knee joint instability] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):553-6 (Eng. Abstr.) **(Pol)**

[Different indications for surgical treatment in relation to the clinical form of gonarthrosis] Denischi A, et al. **Rev Chir [Chir]** 1984 Sep-Oct;33(5):359-66 (Eng. Abstr.) **(Rum)**

[Synovial cyst of the popliteal region] Vasil'eva OI. **Ortop Travmatol Protez** 1984 Jul;(7):28-31 (Eng. Abstr.) **(Rus)**

[Treatment of pigmented villonodular synovitis] Zatsepin ST, et al. **Ortop Travmatol Protez** 1984 Nov;(11):50-5 (Eng. Abstr.) **(Rus)**

[Late results of surgical treatment of children with rheumatoid arthritis] Dedova VD, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):35-7 (Eng. Abstr.) **(Rus)**

[Long-term results of early synovectomy of the knee joint] Pavlov VP, et al. **Sov Med** 1984;(11):87-9 **(Rus)**

[Treatment of suppurative post-traumatic gonitis] Trubnikov VF, et al. **Vestn Khir** 1984 Aug;133(8):83-6 (Eng. Abstr.) **(Rus)**

[Dynamics of reorganization and adaptation of the components of osteochondrous autografts] Marakusha IG. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):37-41 (Eng. Abstr.) **(Rus)**

[Long-term results after synovectomy in hemophiliac arthropathy of the knee] Kalman E. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):20-4 (Eng. Abstr.) **(Slo)**

KNEE PROSTHESIS

Effect of anaesthesia on respiratory function after major lower extremity surgery. A comparison between bupivacaine spinal analgesia with low-dose morphine and general anaesthesia. Hedenstierna G, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):55-60

Antero-posterior instability in knee replacements. Cameron HU. **Acta Orthop Belg** 1984 Jul-Aug;50(4):476-80

Total knee arthroplasty in rheumatoid arthritis. Scott RD, et al. **Ann Chir Gynaecol [Suppl]** 1985;198:70-5

Pasteurella multocida prosthetic joint infection [letter] Mellors JW, et al. **Ann Emerg Med** 1985 Jun;14(6):617

Mathematical kinematics in engineering of endoprostheses. Evaluation of the results of gait analysis. Hoschek J, et al. **Arch Orthop Trauma Surg** 1984;103(5):342-7

Tibial plateau strength patterns in experimental modular knee replacement. Hvid I, et al. **Arch Orthop Trauma Surg** 1985; 104(1):57-61

Unicompartmental knee replacement in osteoarthritis: an 8-year follow-up. Johnell O, et al. **Arch Orthop Trauma Surg** 1985;103(6):371-4

Clinical observations on Blauth's total endoprosthesis of the knee joint. Wang WN. **Arch Orthop Trauma Surg** 1984; 103(4):263-8

Scintigraphic detection of prosthetic joint and soft tissue sepsis secondary to tuberculosis. Zeiger LS, et al. **Clin Nucl Med** 1984 Nov;9(11):638-9

Prospective analysis of Sheehan total knee arthroplasty. Callihan SM, et al. **Clin Orthop** 1985 Jan-Feb;(192):124-31

Freeman-Samuelson total arthroplasty of the knee. Freeman MA, et al. **Clin Orthop** 1985 Jan-Feb;(192):46-58

The radiopaque ruler as an alignment aid for knee arthroplasty. Halloran WX. **Clin Orthop** 1985 Apr; (194):283-4

Knee fusion with intramedullary rods for failed total knee arthroplasty. Harris CM, et al. **Clin Orthop** 1985 Jul-Aug; (197):209-16

Total joint arthroplasty of the knee. Hungerford DS, et al. **Clin Orthop** 1985 Jan-Feb;(192):23-33

Total knee arthroplasty. Insall JN, et al. **Clin Orthop** 1985 Jan-Feb;(192):13-22

Unicompartmental knee arthroplasty. Jackson RW, et al. **Clin Orthop** 1984 Nov;(190):182-5

Arthrodesis after failed knee arthroplasty. A nationwide multicenter investigation of 91 cases. Knutson K, et al. **Clin Orthop** 1984 Dec;(191):202-11

Essay on total knee arthroplasty. Landon GC, et al. **Clin Orthop** 1985 Jan-Feb;(192):69-74

Unicompartmental and total knee arthroplasty. Marmor L. **Clin Orthop** 1985 Jan-Feb;(192):75-81

Experiences with three distinct types of total knee joint arthroplasty. Matthews LS, et al. **Clin Orthop** 1985 Jan-Feb;(192):97-107

Total knee arthroplasty. Murray DG. **Clin Orthop** 1985 Jan-Feb;(192):59-68

Total knee arthroplasty. Riley LH Jr. **Clin Orthop** 1985 Jan-Feb;(192):34-9

Supracondylar fracture in a patient with total knee arthroplasty. A case report. Ritter MA, et al. **Clin Orthop** 1985 Mar;(193):168-70

Treatment of supracondylar fractures following prosthetic arthroplasty of the knee. Sisto DJ, et al. **Clin Orthop** 1985 Jun;(196):265-72

The anatomic total knee resurfacing arthroplasty. Townley CO. **Clin Orthop** 1985 Jan-Feb;(192):82-96

Total knee arthroplasty in 1984. Waugh TR. **Clin Orthop** 1985 Jan-Feb;(192):40-5

Complications of Variable Axis total knee arthroplasty. Webster DA, et al. **Clin Orthop** 1985 Mar;(193):160-7

Replacement of the patello-femoral joint with the total condylar knee arthroplasty. Ranawat CS, et al. **Int Orthop** 1984;8(1):61-5

Patellofemoral function in total condylar knee arthroplasty. Sneppen O, et al. **Int Orthop** 1985;9(1):65-8

A new knee prosthesis. Zanasi R. **Ital J Orthop Traumatol** 1984 Dec;10(4):429-37

Office orthopaedics. Biologic fixation cementless total joint arthroplasty. Nix RA. **J Arkansas Med Soc** 1985 Apr; 81(11):613-5

Geometry and motion of the knee for implant and orthotic design. Kurosawa H, et al. **J Biomech** 1985;18(7):487-99

The design of a model for a three dimensional stress analysis of the cement layer beneath the medial plateau of a knee prosthesis. Little EG, et al. **J Biomech** 1985;18(2):157-60

Torsion and bending imposed on a new anterior cruciate ligament prosthesis during knee flexion: an evaluation method. Gely P, et al. **J Biomech Eng** 1984 Nov; 106(4):285-94

Universal bone cutting device for precision knee replacement arthroplasty and osteotomy. Cooke TD, et al. **J Biomed Eng** 1985 Jan;7(1):45-50

The use of the McKeever metallic hemiarthroplasty for unicompartmental arthritis. Emerson RH Jr, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):208-12

Kinematic total knee replacement. Ewald FC, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1032-40

Polycentric total knee arthroplasty. A ten-year follow-up study. Lewallen DG, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1211-8

Indications for the treatment of deep venous thrombosis following total knee replacement [letter] Lotman DB. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1144-5

Energy cost during gait in osteosarcoma patients after resection and knee replacement and after above-the-knee amputation. Otis JC, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):606-11

Total condylar knee replacement. A study of factors influencing range of motion as late as two years after arthroplasty. Schurman DJ, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1006-14

McKeever metallic hemiarthroplasty of the knee in unicompartmental degenerative arthritis. Long-term clinical follow-up and current indications. Scott RD, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):203-7

Successive bilateral total knee replacement. Soudry M, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):573-6

Stemmed revision arthroplasty for aseptic loosening of total knee replacement. Bertin KC, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):242-8

Unicompartmental arthroplasty of the knee. A follow-up of 3 to 9 years. Inglis GS. **J Bone Joint Surg [Br]** 1984 Nov; 66(5):682-4

Arthrodesis for failed knee arthroplasty. A report of 20 cases. Knutson K, et al. **J Bone Joint Surg [Br]** 1985 Jan; 67(1):47-52

Bilateral hip and knee replacement for rheumatoid arthritis. McElwain JP, et al. **J Bone Joint Surg [Br]** 1985 Mar; 67(2):261-5

Long-term results of Geomedic total knee replacement. Riley D, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):548-50

Tibiofemoral alignment and the results of knee replacement. Tew M, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):551-6

Functional evaluation of total knee replacement. Laughman RK, et al. **J Orthop Res** 1984;2(4):307-13

Joint position sense in total knee arthroplasty. Skinner HB, et al. **J Orthop Res** 1984;1(3):276-83

Total knee replacement in osteoarthritis and rheumatoid arthritis. Kaltsas DS, et al. **J R Soc Med** 1985 Jul; 78(7):552-6

Conservative treatment of ipsilateral supracondylar femoral fracture after total knee arthroplasty. Delport PH, et al. **J Trauma** 1984 Sep;24(9):846-9

Joint replacement 20 years on. Deane G. **Practitioner** 1985 Feb;229(1400):169, 171-2, 175

A double-blind study comparing cefonicid with cefazolin as prophylaxis in patients undergoing total hip or knee replacement. DeBenedictis KJ, et al. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S901-4

Experience with the Sheehan knee replacement. McCoy GF, et al. **Ulster Med J** 1983;52(1):35-9

[Reconstruction of part of the knee joint] Fiala O. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):236-43 (Eng. Abstr.) **(Cze)**

[Alloplasty of the knee joint in progressive polyarthritis and osteoarthritis] Kaňková D, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1356-61 (Eng. Abstr.) **(Cze)**

[Knee luxation treated by alloplasty] Bellstrøm T. **Ugeskr Laeger** 1984 Oct 15;146(42):3207 (Eng. Abstr.) **(Dan)**

[Multiple joint reconstructions in rheumatic patients] Gudmundsson GH, et al. **Ugeskr Laeger** 1984 Jul 9; 146(28):2069-71 (Eng. Abstr.) **(Dan)**

[Knee alloplasty. Status in 211 cases after 2 years observation] Nielsen S, et al. **Ugeskr Laeger** 1984 Jul 9;146(28):2065-8 (Eng. Abstr.) **(Dan)**

[Unicompartmental arthroplasty (Lotus type) in the treatment of lateralized gonarthrosis in the elderly. Outcome after more than 5 years of 56 prostheses analyzed in 1981] Goutallier D, et al. **Rev Chir Orthop** 1985;71(3):213-8 (Eng. Abstr.) **(Fre)**

[Resurfacing the arthrotic knee with the Richards (called Marmor) modular prosthesis] Pellaton M. **Rev Med Suisse Romande** 1985 Mar;105(3):219-25 **(Fre)**

[Our experience with unicompartmental knee prostheses. 61 cases] Darcy M, et al. **Rev Rhum Mal Osteoartic** 1984 Oct; 51(9):475-6 **(Fre)**

[Unicompartmental femorotibial arthroplasty and lateral gonarthrosis. Outcome of 52 prostheses implanted for more than 5 years] Goutallier D, et al. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):399-404 (Eng. Abstr.) **(Fre)**

[Total knee arthroplasty with a Cloutier prosthesis] Cloutier JM. **Union Med Can** 1984 Jun;113(6):512-6 (Eng. Abstr.) **(Fre)**

[Personal experiences with uniaxial knee prostheses in chronic polyarthritis] Irlenbusch U, et al. **Beitr Orthop Traumatol** 1985 Jan;32(1):15-21 (Eng. Abstr.) **(Ger)**

[Scintigraphic research on patellar changes after endoprosthetic replacement of the knee joint] Hagena FW, et al. **ROFO** 1985 Apr;142(4):436-40 (Eng. Abstr.) **(Ger)**

[Lübeck's GT-sliding axis endoprosthesis] Bach H. **Z Orthop** 1985 Jan-Feb;123(1):104-6 **(Ger)**

[Changes in the patellar articular facet in Blauth's endoprosthetic substitution of the knee joint. Histological and roentgenological studies of 3 patellas] Koebke J, et al. **Z Orthop** 1985 Jan-Feb;123(1):107-9 (Eng. Abstr.) **(Ger)**

[Comparative studies on necrosis susceptibility of capsular tissue in arthrosis and endoprosthetic joint replacement] Lintner F, et al. **Z Orthop** 1984 Sep-Oct;122(5):686-91 (Eng. Abstr.) **(Ger)**

[St. Georg knee endoprosthesis system (slide and hinge principle). Observations and results following 10 years' experience with over 3,700 operations] Röttger J, et al. **Z Orthop** 1984 Nov-Dec;122(6):818-26 (Eng. Abstr.) **(Ger)**

[Quantitative determination of spongiosa formation of tibial cortical bone following knee joint total prosthesis implantation] Yücel M, et al. **Z Orthop** 1984 Nov-Dec;

122(6):814-7 (Eng. Abstr.) **(Ger)**

[Indications for high tibial head osteotomy and unicondylar sliding prosthesis in knee joint arthrosis] Wentzensen A, et al. **Z Unfallchir Versicherungsmed Berufskr** 1984; 77(3):163-9 **(Ger)**

[Radioisotopes in the investigation of complications after total hip and knee replacement] Biotenski A, et al. **Harefuah** 1985 Feb 1;108(3):131-4 (Eng. Abstr.) **(Heb)**

[Geometric total knee arthroplasty--follow-up for an average of six years] Torisu T, et al. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):975-87 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Dislocation of an artificial knee component due to extraordinary function. Veth RP, et al. **Arch Orthop Trauma Surg** 1984;103(5):356-8

Knee arthrodesis for failed total knee arthroplasty. Behr JT, et al. **Arch Surg** 1985 Mar;120(3):350-4

Granulomatous reaction and cystic bony destruction associated with high wear rate in a total knee prosthesis. Dannenmaier WC, et al. **Clin Orthop** 1985 Sep;(198):224-30

Femoral component loosening in total knee arthroplasty. King TV, et al. **Clin Orthop** 1985 Apr;(194):285-90

Control of the acute-phase serum amyloid A and C-reactive protein response: comparison of total replacement of the hip and knee. Maury CP, et al. **Eur J Clin Invest** 1984 Oct;14(5):323-8

Digital arthrography in the evaluation of painful joint prostheses. Resnick D, et al. **Invest Radiol** 1984 Sep-Oct; 19(5):432-7

Total knee replacement in patients with Parkinson's disease. Oni OO, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):424-5

Infection and sepsis after operations for total hip or knee-joint replacement: influence of ultraclean air, prophylactic antibiotics and other factors. Lidwell OM, et al. **J Hyg (Lond)** 1984 Dec;93(3):505-29

[Prosthesis fracture complicating knee arthroplasty using the Marmor method] Jørgensen LN, et al. **Ugeskr Laeger** 1984 Dec 3;146(49):3842-3 (Eng. Abstr.) **(Dan)**

[Sealing of hinged prostheses of the knee: an important vital risk] Couderc E, et al. **Cah Anesthesiol** 1984 Mar; 32(2):139-42 **(Fre)**

HISTORY

The classic. Tibial plateau prosthesis. By Duncan C. McKeever, 1960. **Clin Orthop** 1985 Jan-Feb;(192):3-12

INSTRUMENTATION

Fracture of the knee endoprosthesis. Report of three cases of tibial component failure. Tjörnstrand B, et al. **Acta Orthop Scand** 1985 Apr;56(2):124-6

[Metal-polymer dismountable intertrochanteric endoprosthesis of the knee joint and procedure for implanting it] Imamaliev AS, et al. **Ortop Travmatol Protez** 1984 Oct;(10):48-50 **(Rus)**

REHABILITATION

Continuous passive motion (C.P.M.) following total knee replacement. Fisher RL, et al. **Conn Med** 1985 Aug; 49(8):498-501

STANDARDS

Unicompartmental arthroplasty of the knee. Cadaver study of the importance of the anterior cruciate ligament. Møller JT, et al. **Acta Orthop Scand** 1985 Apr;56(2):120-3

Unicompartmental arthroplasty of the knee. Cadaver study of tibial component placement. Møller JT, et al. **Acta Orthop Scand** 1985 Apr;56(2):115-9

KNOWLEDGE, ATTITUDES, PRACTICE see under **FAMILY PLANNING**

KNOWLEDGE OF RESULTS (PSYCHOLOGY)

Learning effects of knowledge of results upon time estimation. Montare A. **Percept Mot Skills** 1985 Jun; 60(3):871-7

[Clinical prognosis and scientific foreknowledge in general and emergency surgery] Pikenin AM. **Klin Khir** 1985 Apr; (4):67-70 (42 ref.) **(Rus)**

KOEHLER'S DISEASE see **OSTEOCHONDRITIS**

KORSAKOFF PSYCHOSIS see **ALCOHOL AMNESTIC DISORDER**

KORSAKOFF SYNDROME see **ALCOHOL AMNESTIC DISORDER**

KRABBE'S DISEASE see **LEUKODYSTROPHY, GLOBOID CELL**

KRAUROSIS PENIS see under **BALANITIS**

KRAUROSIS VULVAE

PATHOLOGY

Vulvar dystrophy. Friedrich EG Jr. **Clin Obstet Gynecol** 1985 Mar;28(1):178-87

RADIOTHERAPY

[Electrophysiological studies of the nervous system in patients with kraurosis vulvae after laser therapy] Gorchakova LA, et al. **Akush Ginekol (Mosk)** 1984 Nov; (11):65-6 (Eng. Abstr.) **(Rus)**

KRAUSE'S END BULBS see **THERMORECEPTORS**

KREBS CYCLE see **CITRIC ACID CYCLE**

KRUKENBERG'S TUMOR

BLOOD

[A case of Krukenberg tumor associated with elevation in blood testosterone] Ike K, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):440-4 (Eng. Abstr.) **(Jpn)**

METABOLISM

[Krukenberg tumor with hormonal activity--studies on postmenopausal ovarian tumors] Ushijima H, et al. **Igaku Kenkyu** 1984 May;54(6):710-6 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Adenocarcinoid of the appendix presenting as bilateral Krukenberg's tumor of the ovaries. Immunohistochemical and ultrastructural studies and literature review. Hirschfield LS, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):930-3

Primary mucinous adenocarcinoma of the appendix with bilateral Krukenberg tumors of the ovary and primary adenocarcinoma of the endometrium. De Graaff J, et al. **Gynecol Oncol** 1984 Nov;19(3):358-64

RADIOGRAPHY

Computed tomography of Krukenberg tumors. Cho KC, et al. **AJR** 1985 Aug;145(2):285-8

SECONDARY

Krukenberg tumor of the ovary from an occult appendiceal primary: case report and literature review. Thomas R, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):95S-98S

KRYPTON

Toxicology of 85Kr: effects of whole-body immersion exposure on newborn rats. Ballou JE, et al. **Health Phys** 1985 Apr;48(4):453-64

Disposition and effects of 85Kr in pregnant rats. Sikov MR, et al. **Health Phys** 1984 Sep;47(3):417-27

ADMINISTRATION & DOSAGE

Regional pulmonary distribution of krypton-81m gas delivered by different breathing systems. Mostafa AB, et al. **J Nucl Med** 1985 Feb;26(2):191-3

ANALYSIS

Krypton-85 purge at Three Mile Island: a comparison of measured and calculated surface air concentrations. Kunz C, et al. **Health Phys** 1985 Sep;49(3):522-6

DIAGNOSTIC USE

Continuous determination of regional myocardial blood flow with intracoronary krypton-81m in coronary artery disease. Remme WJ, et al. **Am J Cardiol** 1985 Sep 1; 56(7):445-51

A comparison of the economics of xenon 127, xenon 133 and krypton 81m for routine ventilation imaging of the lungs. Nimmo MJ, et al. **Br J Radiol** 1985 Jul;58(691):635-6

Krypton-81m and 5-micron radioaerosol images in asymptomatic asthma: a blind marking assessment. Agnew JE, et al. **Eur J Nucl Med** 1984;9(11):502-7

Factor analysis of 81mKr lung ventilation studies. Cinotti L, et al. **Eur J Nucl Med** 1985;10(11-12):511-8

Lung scintigraphy [letter] Creutzig H. **Eur J Nucl Med** 1985; 10(11-12):568

Quantitation of esophageal transit by means of 81mKr. Ham HR, et al. **Eur J Nucl Med** 1984;9(8):362-5

Regional specific mean expiratory gas flow from 81mKr equilibrium inhalation data. Hamilton D, et al. **Eur J Nucl Med** 1985;10(7-8):321-31

Dry aerosol of monodisperse millimicrospheres for ventilation imaging: production, delivery system, and clinical results in comparison with 81m-krypton and 127-xenon. Köhn H, et al. **Eur J Nucl Med** 1985; 10(9-10):411-6

81mKr gas and 99mTc-MAA V/Q ratio images for detection of V/Q mismatches. Kramer EL, et al. **Eur J Nucl Med** 1984;9(8):345-50

Measurements of the rubidium isotopic activities and the elution parameters of 81mKr generators using a standardized 114mIn source. Williams NR, et al. **Eur J Nucl Med** 1985;10(1-2):33-8

A new type of 81Rb-81mKr generator for medical use. Beyer GJ, et al. **Int J Appl Radiat Isot** 1984 Nov;35(11):1075-6

Clinical use of ultrashort-lived radionuclide krypton-81m for noninvasive analysis of right ventricular performance in normal subjects and patients with right ventricular dysfunction. Nienaber CA, et al. **J Am Coll Cardiol** 1985 Mar;5(3):687-98

Krypton-81m imaging of the right ventricle. Horn M, et al. **J Nucl Med** 1985 Jan;26(1):33-6

Computation of ventilation-perfusion studies ratio with krypton-81 pulmonary embolism [letter] Siddiqui AR. **J Nucl Med** 1985 May;26(5):549

Evaluation of esophageal transit in children and in infants by means of Krypton-81m. Ham HR, et al. **Pediatr Radiol** 1985;15(3):161-4

A study of regional cerebral blood flow and hemodynamics in cerebrovascular diseases by selective continuous infusion of Kr-81m. Higa T, et al. **Radiat Med** 1983 Apr-Jun; 1(2):137-45

Kr-81m ventilation imaging: clinical utility in suspected pulmonary embolism. Rosen JM, et al. **Radiology** 1985 Mar; 154(3):787-90

Distribution of arterial blood flow in human hepatic cancer during chemotherapy--examination by short-lived 81mKr. Sasaki Y, et al. **Surgery** 1985 Apr;97(4):409-14

[Dynamic study of venous return from the lower extremities by means of krypton-81 m perfusion] Zicot M, et al. **J Mal Vasc** 1985;10(1):3-9 (Eng. Abstr.) **(Fre)**

[Gated study of ventilation with 81mKr gas--distribution of air and He + O2 mixed gas] Murakami Y, et al. **Radioisotopes** 1984 Sep;33(9):647-9 **(Jpn)**

ISOLATION & PURIFICATION

Removal of dissolved 85Kr by vacuum degassing method. Ootsuka N, et al. **Radioisotopes** 1984 Dec;33(12):853-8

PHARMACODYNAMICS

Effects of xenon and krypton on regional cerebral blood flow in the rat. Junck L, et al. **J Cereb Blood Flow Metab** 1985 Mar;5(1):126-32

KRYPTOSTEROL see **LANOSTEROL**

KUFS DISEASE see **NEURONAL CEROID-LIPOFUSCINOSIS**

KUNITZ PANCREATIC TRYPSIN INHIBITOR see **KALLIKREIN-TRYPSIN INACTIVATOR**

KUPFFER CELLS

Scintigraphic dissociation of reticuloendothelial and hepatocyte function in chronic vitamin A hepatotoxicity. Park HM, et al. **Clin Nucl Med** 1985 May;10(5):364-6

[Hepatic reticuloendothelial failure: report of 2 cases] Ohtake E, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1119-22 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Induction of rat alpha 2-macroglobulin in vivo and in hepatocyte primary cultures: synergistic action of glucocorticoids and a Kupffer cell-derived factor. Bauer J, et al. **FEBS Lett** 1984 Nov 5;177(1):89-94

CYTOLOGY

Functional and morphological characterization of cultures of Kupffer cells and liver endothelial cells prepared by means of density separation in Percoll, and selective substrate adherence. Smedsrød B, et al. **Cell Tissue Res** 1985;241(3):639-49

Separation and collection of rat liver macrophages. Garvey JS, et al. **Methods Enzymol** 1984;108:285-94

DRUG EFFECTS

Effects of (dihydro)cytochalasin B, colchicine, monensin and trifluoperazine on uptake and processing of liposomes by Kupffer cells in culture. Dijkstra J, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):34-42

D-Galactosamine hepatotoxicity is associated with endotoxin sensitivity and mediated by lymphoreticular cells in mice. Chojkier M, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):115-21

The effect of 3-palmitoyl-(+)-catechin on Kupffer cells in guinea pig liver. Piazza M, et al. **Hepatology** 1985 Sep-Oct; 5(5):867-9

Effect of endotoxin on fibronectin and Kupffer cell activity. Richards PS, et al. **Hepatology** 1985 Jan-Feb;5(1):32-7

[The effect of a nonspecific immunostimulant on the phagocytosis of erythrocytes and ink by the reticulohistiocyte system in the isolated, perfused liver of rats of various ages] Vömel T. **Arzneimittelforsch** 1984; 34(6):691-5 (Eng. Abstr.) **(Ger)**

[The effects of sex hormones on Kupffer cell-mediated hepatocytotoxicity] Arai T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):94-9 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

SAMP lyase and AMP deaminase activity in rat parenchymal and kupffer cells in hepatocarcinogenesis. Smith LD, et al. **Int J Biochem** 1984;16(9):985-90

Analytical study of microsomes and isolated subcellular membranes from rat liver. IX. Nicotinamide adenine dinucleotide glycohydrolase: a plasma membrane enzyme prominently found in Kupffer cells. Amar-Costesec A, et al. **J Cell Biol** 1985 Jan;100(1):189-97

IMMUNOLOGY

The in situ activation of cytotoxic properties in murine Kupffer cells by the systemic administration of whole Mycobacterium bovis organisms or muramyl tripeptide. Xu Z, et al. **Cancer Immunol Immunother** 1984;18(2):118-22

Binding kinetics of monomeric and aggregated IgG to Kupffer cells and hepatocytes of mice. Sancho J, et al. **Immunology** 1984 Oct;53(2):283-9

In vitro antiviral properties of endotoxin-activated rat Kupffer cells. Keller F, et al. **J Leukocyte Biol** 1985 Aug; 38(2):293-303

Deficient Kupffer cell phagocytosis and lysosomal enzymes in the endotoxin-low-responsive C3H/HeJ mouse. McCuskey RS, et al. **J Leukocyte Biol** 1984 Nov; 36(5):591-600

Antigen presentation by Kupffer cells in the rat. Shiratori Y, et al. **Scand J Gastroenterol** 1984 Sep;19(6):733-9

[Modulation of immunological response by Kupffer cells] Arai T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug; 81(8):1781-7 (Eng. Abstr.) **(Jpn)**

METABOLISM

Uptake and intracellular processing of targeted and nontargeted liposomes by rat Kupffer cells in vivo and in vitro. Scherphof GL, et al. **Ann NY Acad Sci** 1985; 446:368-84

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. III. Evidence for the role of a monokine similar to but not identical with interleukin-1. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):436-43

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. II. Mediation by soluble transferrable factors. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):429-35

Studies in vivo and in vitro on the uptake and degradation of soluble collagen alpha 1(I) chains in rat liver endothelial and Kupffer cells. Smedsrød B, et al. **Biochem J** 1985 Jun 1;228(2):415-24

Detection of reticulo-endothelial blockade with low-dose test agent. Chadwick SJ, et al. **Br J Exp Pathol** 1985 Aug; 66(4):483-91

Enhanced release of reactive oxygen intermediates by immunologically activated rat Kupffer cells. Matsuo S, et al. **Clin Exp Immunol** 1985 Jan;59(1):203-9

Uptake and processing of liposomal phospholipids by Kupffer cells in vitro. Dijkstra J, et al. **Eur J Biochem** 1985 Apr 15;148(2):391-7

Uridine catabolism in Kupffer cells, endothelial cells, and hepatocytes. Holstege A, et al. **Eur J Biochem** 1985 May 15;149(1):169-73

Age-related changes in the endocytic capacity of rat liver Kupffer and endothelial cells. Brouwer A, et al. **Hepatology** 1985 May-Jun;5(3):362-6

The carbohydrate structure of porcine uteroferrin and the role of the high mannose chains in promoting uptake by the reticuloendothelial cells of the fetal liver. Saunders PT, et al. **J Biol Chem** 1985 Mar 25;260(6):3658-65

Impaired Kupffer cell function precedes development of secondary amyloidosis. Fuks A, et al. **J Exp Med** 1985 May 1;161(5):1013-28

Murine Kupffer cells. Mononuclear phagocytes deficient in the generation of reactive oxygen intermediates. Lepay DA, et al. **J Exp Med** 1985 May 1;161(5):1079-96

Fc- and complement receptor-dependent degradation of soluble immune complexes and stable immunoglobulin aggregates by guinea pig monocytes, peritoneal macrophages, and Kupffer cells. Daha MR, et al. **J Leukocyte Biol** 1984 Nov;36(5):569-79

Prostanoid production by lipopolysaccharide-stimulated Kupffer cells. Bowers GJ, et al. **J Surg Res** 1985 May; 38(5):501-8

PARASITOLOGY

Electron microscopic studies on the interaction of rat Kupffer cells and Plasmodium berghei sporozoites. Meis JF, et al. **Z Parasitenkd** 1985;71(4):473-83

PATHOLOGY

An ultrastructural investigation of Leishmania donovani infection in genetically resistant and susceptible mouse strains. Weldon PR, et al. **Can J Microbiol** 1985 Mar; 31(3):256-60

PHYSIOLOGY

In vitro activation of murine Kupffer cells by lymphokines or endotoxins to lyse syngeneic tumor cells. Xu ZL, et al. **Am J Pathol** 1984 Dec;117(3):372-9

Aging in vivo and neuraminidase treatment of rat erythrocytes and their sequestration by the isolated perfused rat liver. Vömel T, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):125-32

Influence of liposome charge on the association of liposomes with Kupffer cells in vitro. Effects of divalent cations and competition with latex particles. Dijkstra J, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):287-97

The cytostatic activity of cultured Kupffer cells. Pulford K, et al. **Br J Cancer** 1985 Jan;51(1):31-6

Receptor-mediated endocytosis of carcinoembryonic antigen by rat liver Kupffer cells. Toth CA, et al. **Cancer Res** 1985 Jan;45(1):392-7

Can technetium-labelled millimicrospheres be used to measure Kupffer-cell function? An experimental study. Pearson HJ, et al. **Eur J Nucl Med** 1985;10(7-8):358-61

Modes of endocytosis of latex particles in sinusoidal endothelial and Kupffer cells of normal and perfused rat liver. Dan C, et al. **Exp Cell Res** 1985 May;158(1):75-85

Alpha 2-macroglobulin secretion enhanced in rat hepatocytes by partially characterized factor from Kupffer cells. Hirata Y, et al. **Inflammation** 1985 Jun;9(2):201-9

Fibronectin-enhanced attachment of gelatin-coated erythrocytes to isolated hepatic Kupffer cells. Cardarelli PM, et al. **J Leukocyte Biol** 1984 Oct;36(4):477-92

Hepatocyte function in sepsis: Kupffer cells mediate a biphasic protein synthesis response in hepatocytes after exposure to endotoxin or killed Escherichia coli. West MA, et al. **Surgery** 1985 Sep;98(3):388-95

Kupffer and endothelial liver cell damage renders A/J mice susceptible to mouse hepatitis virus type 3. Pereira CA, et al. **Virus Res** 1984 Oct;1(7):557-63

[The perisinusoidal cell (or Ito cell)] Bioulac-Sage P, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):312-22 (74 ref.) **(Fre)**

[Studies on hepatocellular injury in experimentally induced acute hepatic failure--I. Possible involvement of the activated adherent cells] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):603-9 (Eng. Abstr.) **(Jpn)**

SECRETION

Erythropoietin secretion by isolated rat Kupffer cells. Paul P, et al. **Exp Hematol** 1984 Dec;12(11):825-30

ULTRASTRUCTURE

[Structural and functional characteristics of Kupffer cells at different periods of the development of a liver response in mice to injury] Shkurupii VA. **Biull Eksp Biol Med** 1985 Jun;99(6):754-6 (Eng. Abstr.) **(Rus)**

KURU

[Human subacute spongiform encephalopathies] Sánchez E, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):118-22 **(Spa)**

IMMUNOLOGY

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from chimpanzees with kuru or Creutzfeldt-Jakob disease; a 62-kDa neurofilament-associated protein reacts with sera from sheep with natural scrapie. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3894-6

The 200- and 150-kDa neurofilament proteins react with IgG autoantibodies from patients with kuru, Creutzfeldt-Jakob disease, and other neurologic diseases. Toh BH, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3485-9

KVEIM TEST see under **SKIN TESTS**

KWASHIORKOR

CHEMICALLY INDUCED

Aflatoxins and kwashiorkor [editorial] **Lancet** 1984 Nov 17; 2(8412):1133-4

The influence of aflatoxins on child health in the tropics with particular reference to kwashiorkor. Hendrickse RG. **Trans R Soc Trop Med Hyg** 1984;78(4):427-35

COMPLICATIONS

A case in which treatment proved the diagnosis. McCauley KM, et al. **Geriatrics** 1984 Oct;39(10):114-7

Clinical and biochemical studies on eczema in infants and children with particular reference to associated malnutrition. Bhattacharyya SK. **Indian J Dermatol** 1984 Jan;29(1):23-6

Kwashiorkor revisited: the pathogenesis of oedema in kwashiorkor and its significance. Waterlow JC. **Trans R Soc Trop Med Hyg** 1984;78(4):436-41

DIAGNOSIS

Kwashiorkor in Baltimore. Chalew SA, et al. **South Med J** 1984 Oct;77(10):1329-31

ETIOLOGY

Aetiology of kwashiorkor [letter] McLaren DS. **Lancet** 1985 Jan 5;1(8419):55

Kwashiorkor. Reid GM. **Med Hypotheses** 1984 Aug; 14(4):401-6

[Protein-energy malnutrition in an urban African milieu (Togo). Etiologic factors in kwashiorkor and marasmus-kwashiorkor] Excler JL, et al. **Med Trop (Mars)** 1985 Apr-Jun;45(2):155-61 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

A study of complement activity in malnutrition. Kumar R, et al. **Indian Pediatr** 1984 Jul;21(7):541-7

METABOLISM

Effect of age, malnutrition and renutrition on free secretory component and IgA in secretions. Watson RR, et al. **Am J Clin Nutr** 1985 Aug;42(2):281-8

PREVENTION & CONTROL

[Improved health in Zimbabwe's rural areas as a result of the rural development project] Dahlin K, et al. **Lakartidningen** 1984 Sep 5;81(36):3141-3 **(Swe)**

KYASANUR FOREST DISEASE VIRUS see under **FLAVIVIRUSES**

KYMOGRAPHY

INSTRUMENTATION

Strip kymography of the glottis. Gall V. **Arch Otorhinolaryngol** 1984;240(3):287-93

METHODS

Mechanism of cardiokymography [letter] Geselowitz DB. **Am Heart J** 1984 Dec;108(6):1590-1

[A study on the precardiac vibration. I. Normal patterns] Okada M, et al. **Rinsho Byori** 1984 May;32(5):563-7 **(Jpn)**

KYMOGRAPHY, RADIOGRAPHIC see **ELECTROKYMOGRAPHY**

KYNURAMINE see under **PROPIOPHENONES**

KYNURENIC ACID

ANALOGS & DERIVATIVES

Studies on the urinary excretion of xanthurenic acid in diabetics. Hattori M, et al. **Acta Vitaminol Enzymol** 1984; 6(3):221-8

PHARMACODYNAMICS

Effects of kynurenate on root potentials evoked by synaptic activity and amino acids in the frog spinal cord. Elmslie KS, et al. **Brain Res** 1985 Mar 25;330(2):265-72

Effects of synaptic antagonists on perforant path paired-pulse plasticity: differentiation of pre- and postsynaptic antagonism. Harris EW, et al. **Brain Res** 1985 May 20; 334(2):348-53

Kynurenic acid as an antagonist of hippocampal excitatory transmission. Robinson MB, et al. **Brain Res** 1984 Aug 20; 309(1):119-26

Actions of kynurenic acid and quinolinic acid in the rat hippocampus in vivo. Perkins MN, et al. **Exp Neurol** 1985 Jun;88(3):570-9

Synaptic transmission between dorsal root ganglion and dorsal horn neurons in culture: antagonism of monosynaptic excitatory postsynaptic potentials and glutamate excitation by kynurenate. Jahr CE, et al. **J Neurosci** 1985 Aug; 5(8):2281-9

Kynurenic acid blocks neurotoxicity and seizures induced in rats by the related brain metabolite quinolinic acid. Foster AC, et al. **Neurosci Lett** 1984 Aug 10;48(3):273-8

Actions of excitatory amino acids and kynurenic acid in the primate hippocampus: a preliminary study. Stone TW, et al. **Neurosci Lett** 1984 Dec 21;52(3):335-40

URINE

Studies on the urinary excretion of xanthurenic acid in diabetics. Hattori M, et al. **Acta Vitaminol Enzymol** 1984; 6(3):221-8

KYNURENINE

ANALOGS & DERIVATIVES

Calcium-induced lens protein aggregation accelerated by reactive oxygen species photosensitized in the presence of hydroxykynurenines. Bando M, et al. **Exp Eye Res** 1985 Jun;40(6):813-8

3-Hydroxykynurenine, 3-hydroxyanthranilic acid, and o-aminophenol inhibit leucine-stimulated insulin release from rat pancreatic islets. Rogers KS, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):275-8

BIOSYNTHESIS

A method for the synthesis of [14C]-kynurenine. Bild G, et al. **Prep Biochem** 1984;14(4):363-72

METABOLISM

Detection of beta-carbanion formation during kynurenine hydrolysis catalyzed by Pseudomonas marginalis kynureninase. Bild GS, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):41-7

PHARMACODYNAMICS

Kynurenine may directly interact with GABA receptors in rat brain. Pinelli A, et al. **Pharmacology** 1985;30(5):255-8

PHYSIOLOGY

Effect of amino acid metabolites on lysosomal protein degradation. A regulatory role for kynurenine? Grinde B. **Eur J Biochem** 1984 Dec 17;145(3):623-7

[Effect of tryptophan and its metabolites on the conditioned reflex activity of the honeybee] Lopatina NG, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):911-9 (Eng. Abstr.) **(Rus)**

KYPHOSIS

COMPLICATIONS

Hyperalimentation for superior mesenteric-artery (cast) syndrome following correction of spinal deformity. Munns SW, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1175-7

Combined idiopathic kyphosis and scoliosis. An analysis of the lateral spinal curvatures associated with Scheuermann's disease. Deacon P, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):189-92

Conservative treatment of paraplegia following acute trauma in a patient with tuberculous kyphosis: case report and review of the literature. Chan KM, et al. **Paraplegia** 1985 Jun;23(3):187-91

[Retinal detachment associated with extensive sclerectasia in a patient presenting with very accentuated kyphoscoliosis] Gerhard JP, et al. **Bull Soc Ophtalmol Fr** 1983 Dec;83(12):1415-9 (Eng. Abstr.) **(Fre)**

[A difficult spinal anesthesia] Bertrand JC, et al. **Cah Anesthesiol** 1984 Sep;32(5):409-11 **(Fre)**

CONGENITAL

Congenital kyphosis by segmentation defect: etiologic and pathogenic studies. Morin B, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):309-14

ETIOLOGY

Aetiology of idiopathic spinal deformities [editorial] Dickson RA. **Arch Dis Child** 1985 Jun;60(6):508-11

Acute thoracic kyphosis in Gaucher's disease. A case report. Ruff ME, et al. **Spine** 1984 Nov-Dec;9(8):835-7

Severe postlaminectomy kyphosis treatment by total vertebrectomy (plus late recurrence of childhood spinal cord astrocytoma). Winter RB, et al. **Spine** 1984 Oct;9(7):690-4

[Spinal deformity and back pain in spinal osteoporosis] Sato K. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):297-303 (Eng. Abstr.) **(Jpn)**

[Pathomechanical analysis of body posture in 11-year-old girls] Wojcik M. **Pol Tyg Lek** 1985 May 13;40(19):541-4 (Eng. Abstr.) **(Pol)**

[Characteristics of orthopedic sequelae of childhood tuberculous spondylitis] Garbuz AE, et al. **Ortop Travmatol Protez** 1985 Mar;(3):15-8 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Spinal deformities in tall girls. Skogland LB, et al. **Acta Orthop Scand** 1985 Apr;56(2):155-7

PATHOLOGY

Intervertebral disc degeneration in adult mice with hereditary kyphoscoliosis. Mason RM, et al. **J Orthop Res** 1984;2(4):333-8

Juvenile kyphosis: an ultrastructural study. Ippolito E, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):315-22

[Clinical study of spondylolysis and spondylolisthesis--mainly on the spinal curvature] Furufu T. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):367-81 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Inspiratory muscle function in patients with severe kyphoscoliosis. Lisboa C, et al. **Am Rev Respir Dis** 1985 Jul;132(1):48-52

Spondylolisthesis: the angle of kyphosis. Speck GR, et al. **Spine** 1984 Sep;9(6):659-60

[The painful shoulder in the vertebro-scapulo-humeral system] De Giorgi G, et al. **Chir Organi Mov** 1982-83;68(4-6):637-41 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Radiographic features of spondylo-epimetaphyseal dysplasia with joint laxity and progressive kyphoscoliosis. Review of 19 cases. Kozlowski K, et al. **ROFO** 1984 Sep;141(3):337-41

SURGERY

Obstetrical lumbar epidural anesthesia in patients with previous posterior spinal fusion for kyphoscoliosis. Feldstein G, et al. **Anesth Analg** 1985 Jan;64(1):83-5

Vertebral osteotomy for correction of kyphosis in ankylosing spondylitis. Thomasen E. **Clin Orthop** 1985 Apr;(194):142-52

Postoperative paraplegia with preserved intraoperative somatosensory evoked potentials. Case report. Ginsburg HH, et al. **J Neurosurg** 1985 Aug;63(2):296-300

The surgical treatment of congenital kyphosis. A review of 94 patients age 5 years or older, with 2 years or more follow-up in 77 patients. Winter RB, et al. **Spine** 1985 Apr;10(3):224-31

[Surgical treatment of spinal deformities in very young individuals] Vlach O, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jun;52(3):226-35 (Eng. Abstr.) **(Cze)**

[Combination of the cervical anterolateral and the high transthoracic approach in spinal deformities at the cervicothoracic junction] Vlach O, et al. **Acta Chir Orthop Traumatol Cech** 1984 Oct;51(5):392-5 (Eng. Abstr.) **(Cze)**

[Results of operative treatment of Scheuermann disease] Heine J, et al. **Z Orthop** 1984 Nov-Dec;122(6):743-9 (Eng. Abstr.) **(Ger)**

[Characteristics of the surgical treatment of funnel chest associated with curvature of the spine in children] Fishchenko VIa, et al. **Klin Khir** 1985;(6):31-4 (Eng. Abstr.) **(Rus)**

[Methods of preventing the degeneration of intervertebral disks in preserved kyphotic deformity] Tsiv'ian IaL, et al. **Ortop Travmatol Protez** 1985 Mar;(3):11-4 (Eng. Abstr.) **(Rus)**

THERAPY

Exercises for spinal deformity. Schock CC. **J Arkansas Med Soc** 1984 Nov;81(6):309-13

L CELLS

The recombination and integration of DNAs introduced into mouse L cells. Brenner DA, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:151-60

Homologous recombination in mouse L cells. Lin FL, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:139-49

Isolation of a human tissue-type plasminogen-activator genomic DNA clone and its expression in mouse L cells. Browne MJ, et al. **Gene** 1985;33(3):279-84

CYTOLOGY

Microspectrofluorometry of fluorescent photoproducts in photosensitized cells. Relationship to cellular quiescence and senescence in culture. Kohen E, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):332-6

Effects of time-varying magnetic fields on fibroblast growth. Schuetz PW, et al. **Clin Phys Physiol Meas** 1985 May;6(2):155-60

Mitogen-like monoclonal anti-actin antibodies. Rosenblatt HM, et al. **J Immunol** 1985 Aug;135(2):995-1000

Cell-cycle-dependent changes of the negative surface charges in L929 cells. Doi A, et al. **Jpn J Physiol** 1984;34(5):923-6

[Changes in the cell cycle duration and karyotype of murine L cells with a shift in the mode of cultivation] Semenova EG, et al. **Tsitologiia** 1984 Oct;26(10):1156-60 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Stimulatory, permeabilizing, and toxic effects of amphotericin B on L cells. Brajtburg J, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):892-7

[(IgG)2 protein A]2 complex stimulates cytosine arabinoside incorporation into DNA and inhibits L cell proliferation. Shearer WT, et al. **Immunopharmacology** 1984 Oct;8(2):103-10

Inhibition of DNA synthesis by chromium compounds. Nishio A, et al. **J Toxicol Environ Health** 1985;15(2):237-44

Cinematographic study of the effects of cis-diammine-dichloroplatinum on mouse L cells. Cervinka M, et al. **Neoplasma** 1984;31(5):521-8

[Microcinematographic analysis of the effect of cis-diamminedichloroplatinum complexes on the proliferative activity of L cells] Cervinka M. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):441-52 (Eng. Abstr.) **(Cze)**

[Reaction of an established L cell line to the presence of polystyrene resin] Puža V, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):547-54 (Eng. Abstr.) **(Cze)**

[Effect of prostaglandin E1 on the cyclic adenosine-3',5'--monophosphate system and radiosensitivity of B-82 cells cultured in vitro] Malatsidze MA, et al. **Biol Nauki** 1984;(9):33-7 (Eng. Abstr.) **(Rus)**

[Surface properties of L cells studied by countercurrent distribution in a 2-phase polymer system before and after cyochalasin B and colcemid exposure] Petrov IuP, et al. **Tsitologiia** 1985 Apr;27(4):415-21 (Eng. Abstr.) **(Rus)**

[Effect of energy metabolism inhibitors on the morphometric parameters and 3-dimensional structure of L-cell mitochondria] Shinderite VS, et al. **Tsitologiia** 1984 Jun;26(6):666-71 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Interferon-mediated protein kinase activity in different fractions of mouse L-929 cells. Galabru J, et al. **J Interferon Res** 1984 Fall;4(4):469-80

Characteristics of the induction of two double-stranded RNA-dependent enzymes by interferon in parental and variant L cells. Veomett GE, et al. **J Interferon Res** 1985 Spring;5(2):327-37

[Activation of adenylate cyclase system enzymes and lysosomal acid phosphatase in target cells interacting with T-killer cells] Sashchenko LP, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):119-31 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Membrane Ia expression and antigen-presenting accessory cell function of L cells transfected with class II major histocompatibility complex genes. Norcross MA, et al. **J Exp Med** 1984 Nov 1;160(5):1316-37

Coexpression of the human HLA-A2 or HLA-B7 heavy chain gene and human beta 2-microglobulin gene in L cells. Bernabeu C, et al. **J Immunol** 1984 Dec;133(6):3188-94

Isolation of stable mouse L cell transfectant expressing human T cell differentiation antigen, Tp40. Emi N, et al. **J Immunol** 1985 May;134(5):2817-9

Generation of primary murine CTL specific for allogeneic and xenogeneic MHC determinants upon stimulation with murine L cells transfected with class I genes. Golding H, et al. **J Immunol** 1985 Jun;134(6):3557-9

Monoclonal anti-actin antibody modulates expression of surface antigen on L cells. Rosenblatt HM, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):35-45

METABOLISM

Analytical errors in measuring radioactivity in cell proteins and their effect on estimates of protein turnover in L cells. Silverman JA, et al. **Biochem J** 1985 Mar 1;226(2):361-8

Catalytic utilization of eIF-2 and mRNA binding proteins are limiting in lysates from vesicular stomatitis virus infected L cells. Dratewka-Kos E, et al. **Biochemistry** 1984 Dec 4;23(25):6184-90

Stimulatory effect of platelet homogenate on amino acid transport into L-929 cells. Pawlicka E, et al. **Exp Pathol** 1984;26(2):117-20

Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells. Santerre RF, et al. **Gene** 1984 Oct;30(1-3):147-56

Entry of diphtheria toxin linked to concanavalin A into primate and murine cells. Guillemot JC, et al. **J Cell Physiol** 1985 Feb;122(2):193-9

Accumulation of rare and moderately abundant mRNAs in mouse L-cells is mainly post-transcriptionally regulated. Carneiro M, et al. **J Mol Biol** 1984 Oct 5;178(4):869-80

Ion content and the response of L5178Y-R and L5178Y-S cells to X rays and ionophore A23187. Szumiel I, et al. **Radiat Environ Biophys** 1984;23(4):255-67

Correlation between covalent attachment of C3 and calcium uptake in antibody-stimulated L cells. Shearer WT, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):163-78

Screening for carcinogens by DNA-synthesis inhibition test using mouse L-cells. Gotoh S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):147-53

Effect of intensity of 1.2 MHz ultrasound on change in DNA synthesis of irradiated mouse L cells. Kondo T, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):113-9

[Effect of the combined use of dextran sulfate and double-stranded RNA on interferon production] Amitina NN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):16-9 (Eng. Abstr.) **(Rus)**

[Production of the hyporeactivity factor by mouse cells] Sokolova TM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):329-30 (Eng. Abstr.) **(Rus)**

[Regulation of the 2',5'-oligoadenylate level in mouse L cells] Zhelkovskii AM, et al. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):489-95 (Eng. Abstr.) **(Rus)**

[Decreased rate of uridine and glycerin uptake in L cells resistant to ethidium bromide] Sal'nikov KV, et al. **Tsitologiia** 1984 Jun;26(6):699-705 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Coevolution of cells and virus as a mechanism for the persistence of lymphotropic minute virus of mice in L-cells. Ron D, et al. **J Virol** 1985 Aug;55(2):424-30

Electron microscopic studies on intracellular multiplication of Rickettsia tsutsugamushi in L cells. Urakami H, et al. **Microbiol Immunol** 1984;28(11):1191-201

Base mutations in the terminal noncoding regions of the genome of vesicular stomatitis virus isolated from persistent infections of L cells. Wilusz J, et al. **Virology** 1985 Jan 30;140(2):249-56

[Persistent Chlamydia infection in cell culture] Shatkin AA, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):51-5 (Eng. Abstr.) **(Rus)**

[Increase in the production of oncovirus type C by an L929 cell culture as a result of BCG infection] Klitsunova NV, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):586-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Protein phosphorylation in anti-actin IgG and [(IgG)2protein A]2 complex-stimulated L cells. Shearer WT, et al. **Cell Immunol** 1984 Nov;89(1):55-65

Cell cycle distribution patterns and generation times of L929 fibroblast cells persistently infected with Coxiella burnetii.

Baca OG, et al. **Infect Immun** 1985 Feb;47(2):366-9

Recombination in mouse L cells between DNA introduced into cells and homologous chromosomal sequences. Lin FL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1391-5

RADIATION EFFECTS

The level of induced DNA double-strand breakage correlates with cell killing after X-irradiation. Radford IR. **Int J Radiat Biol** 1985 Jul;48(1):45-54

Cell cycle dependent G2 delay and killing of L929 cells after exposure to 241Am alpha particles. Lücke-Huhle C, et al. **Radiat Res** 1984 Dec;100(3):576-84

[Action spectra and morphological changes of L-929 cells in phototoxic reactions by photosensitizers] Numata T. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1265-76 **(Jpn)**

ULTRASTRUCTURE

Complementation studies in murine/human hybrids suggest multiple etiology for increased rate of sister chromatid exchange in mammalian cells. Alhadeff B, et al. **Basic Life Sci** 1984;29 Pt B:741-63

Target cell lysis: ultrastructural and cytoskeletal alterations. Leopardi E, et al. **J Immunol** 1984 Dec;133(6):3429-36

L FORMS

Investigation by pyrolysis mass spectrometry, phage pattern and plasmid analysis of staphylococci that have reverted from 'L'-phase to bacterial phase. Schönfeld JK, et al. **Antonie Van Leeuwenhoek** 1985;51(1):25-32

Demonstration of lysogeny in stable L-forms of Staphylococcus aureus. Takemasa N, et al. **Biken J** 1984 Dec;27(4):177-81

[L-forms of Brucella] Wang QX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct; 5(5):314-7 (46 ref.) **(Chi)**

[Experimental spontaneous induction of L-forms of mycobacteria] Antipova SI, et al. **Probl Tuberk** 1984 Oct; (10):68-70 (Eng. Abstr.) **(Rus)**

[Generalized tuberculosis in a child, caused by L forms of Mycobacterium tuberculosis] Zemskova ZS, et al. **Probl Tuberk** 1985;(2):64-6 **(Rus)**

[Morphofunctional changes in the neuroendocrine system in rheumatism and experimental infection of animals with L-forms] Ambardzhanian RS, et al. **Sov Med** 1985;(1):5-10 (Eng. Abstr.) **(Rus)**

ANALYSIS

Specificities in the phospholipid and fatty acid composition of the stable protoplast type L-form of Escherichia coli B. Gumpert J, et al. **Acta Microbiol Bulg** 1984;15:17-23

Characterization of a glycophospholipid of Streptococcus pyogenes-derived L-form. Okabe O, et al. **Physiol Chem Phys Med NMR** 1985;17(1):5-12

[Total protein amino acid composition of bacterial and stable L forms of Proteus mirabilis D52] Ivanova E, et al. **Acta Microbiol Bulg** 1984;15:24-30 (Eng. Abstr.) **(Bul)**

CYTOLOGY

Induction of stable L-forms of Salmonella typhi and Listeria monocytogenes. Asnani PJ, et al. **Acta Microbiol Hung** 1985;32(1):61-4

Actinomyces hordeovulneris, a canine pathogen that produces L-phase variants spontaneously with coincident calcium deposition. Buchanan AM, et al. **Am J Vet Res** 1984 Dec;45(12):2552-60

DRUG EFFECTS

Unstable L-form of Proteus mirabilis induced by fosfomycin. Schmid EN. **Chemotherapy** 1985;31(4):286-91

GROWTH & DEVELOPMENT

Conversion of Staphylococcus aureus cells to stable L-forms in a liquid growth medium. Yabu K. **Microbiol Immunol** 1985;29(2):157-61

IMMUNOLOGY

Immunogenic properties on mice of cell-wall-deficient Brucella (L-forms). Schmitt-Slomska J, et al. **Dev Biol Stand** 1984;56:187-97

The type-specific polysaccharide and the R protein antigens of the L-phase from a group B, type III Streptococcus. Flores AE, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr;259(2):165-78

[Persistence of the L forms of hemolytic Streptococcus group A in patients with recurrent erysipelas] Gavrilova GA, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):13-7 (Eng. Abstr.) **(Rus)**

[Antigenic structure of Salmonella L forms studied by an immunoferritin method] Prozorovskii SV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):24-6 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

[Clinical characteristics of L-form bacteremic septicemia. Report of 5 cases] Pan LM. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):25-6, 62-3 (Eng. Abstr.) **(Chi)**

[Clinico-bacteriological characteristics of tuberculosis of peripheral lymph nodes] Karachunskii MA, et al. **Probl Tuberk** 1984 Jul;(7):55-9 (Eng. Abstr.) **(Rus)**

[Isolation of unbalanced growth forms from Listeria and their ultrastructure] Zigangirova NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):19-23 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

[Role of the L form in the persistence of pathogenic bacteria] Prozorovskii SV. **Vestn Akad Med Nauk SSSR** 1985;(3):3-9 (78 ref.) (Eng. Abstr.) **(Rus)**

[Persistence of brucellosis L cultures in the body of an experimental animal and the duration of immunity] Vershilova PA, et al. **Vestn Akad Med Nauk SSSR** 1985; (3):10-3 (Eng. Abstr.) **(Rus)**

[Chronic recurring pathological process caused by persisting L forms of Streptococcus group A in an experiment] Vul'fovich IuV, et al. **Vestn Akad Med Nauk SSSR** 1985; (3):17-21 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Evidence for the bacterial origin of Acholeplasma laidlawii A. Pachas WN, et al. **Diagn Microbiol Infect Dis** 1985 Jul; 3(4):295-309

Induction by streptococcal L-forms of two reproductive isolating mechanisms in Drosophila paulistorum. Somerson NL, et al. **Isr J Med Sci** 1984 Oct;20(10):1009-12

ULTRASTRUCTURE

[Ultrastructure of the unbalanced growth forms of Salmonellae obtained by the action of various factors] Kats LN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep; (9):50-4 (Eng. Abstr.) **(Rus)**

LABELING, DRUG see **DRUG LABELING**

LABELING, FOOD see **FOOD LABELING**

LABELING, PRODUCT see **PRODUCT LABELING**

LABETALOL see under **ETHANOLAMINES**

LABIAL FRENUM

PATHOLOGY

Histologic analysis of the hyperplastic maxillary anterior frenum. Sadeghi EM, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):765-70

SURGERY

The frenectomy combined with a laterally positioned pedicle graft. Functional and esthetic considerations. Miller PD Jr. **J Periodontol** 1985 Feb;56(2):102-6

Columella-labial changes in solution of rhinoplastic problems. Webster RC, et al. **Laryngoscope** 1985 Jun; 95(6):629-43

LABOR

see related

FETAL MONITORING

Regression of the corpus luteum of pregnancy following parturition in the ewe. O'Shea JD, et al. **Acta Anat (Basel)** 1985;122(2):69-76

Auditory evoked responses in the human fetus. II. Modifications observed during labor. Luz NP. **Acta Obstet Gynecol Scand** 1985;64(3):213-22

The influence of labor and delivery on preterm fetal adrenal function. Procianoy RS, et al. **Acta Paediatr Scand** 1985 May;74(3):400-4

Peripheral blood concentrations of progesterone and oestradiol during human pregnancy and delivery. Kauppila A, et al. **Acta Physiol Hung** 1985;65(4):473-8

Catecholamines and contractility of the human myometrium at term: a possible role for prostaglandins. Wikland M, et al. **Acta Physiol Hung** 1985;65(3):331-4

The role of prostaglandins for the coordination of myometrial forces during labour. Wiqvist N, et al. **Acta Physiol Hung** 1985;65(3):313-22

Blood velocities in the uterine artery in humans during labour. Janbu T, et al. **Acta Physiol Scand** 1985 Jun; 124(2):153-61

Self-administered Entonox (50% nitrous oxide in oxygen) in labour: report of the experience in Ibadan. Soyannwo OA. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):95-8

An investigation of the relationship between cesarean section birth and respiratory distress syndrome of the newborn. White E, et al. **Am J Epidemiol** 1985 May;121(5):651-63

Labor and delivery in the presence of mitral stenosis: central hemodynamic observations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):984-8

Management of spontaneous rupture of the membranes in the absence of labor in primigravid women at term. Conway DI, et al. **Am J Obstet Gynecol** 1984 Dec 15; 150(8):947-51

Intrapartum external cephalic version. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):297-8

Long-term effects of labor and delivery on offspring: a matched-pair analysis. Friedman EA, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):941-5

Oxytocin receptors in the human uterus during pregnancy and parturition. Fuchs AR, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):734-41

Behavioral states in the human fetus during labor. Griffin RL, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):828-33

Plasma beta-endorphin concentrations prior to and during pregnancy, in labor, and after delivery. Hoffman DI, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):492-6

More on malignant hyperthermia during delivery [letter] Kaplan RF, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):608-9

Maternal and fetal beta-endorphin release in response to the stress of labor and delivery. Kofinas GD, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):56-9

Disposition of meperidine and normeperidine following multiple doses during labor. I. Mother. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):406-9

Disposition of meperidine and normeperidine following multiple doses during labor. II. Fetus and neonate. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):410-5

Comparison of changes in ovine plasma chorionic somatomammotropin concentrations in the fetus and mother before spontaneous vaginal delivery at term and adrenocorticotropin-induced premature delivery. Lowe KC, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):524-7

Amniotic fluid 6-keto-prostaglandin F1 alpha and thromboxane B2 during labor. Mäkäräinen L, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):765-8

Experimental evidence for the progress of labor with the increase in the force of cervical dilatation after rupture of the membranes. Manabe Y, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):696-704

Preeclampsia and fetal heart rate decelerations [letter] Mazor M, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):115-6

Evaluation of the use of continuous lumbar epidural anesthesia for hypertensive pregnant women in labor. Moore TR, et al. **Am J Obstet Gynecol** 1985 Jun 15; 152(4):404-12

Trial of labor in the patient with a prior cesarean birth. Paul RH, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):297-304

Rise in serum levels of PZ-peptidase, an enzyme involved in collagen breakdown, in human pregnancy and labor. Rajabi M, et al. **Am J Obstet Gynecol** 1984 Dec 1; 150(7):821-6

Premature rupture of membranes at term [letter] Spinnato JA. **Am J Obstet Gynecol** 1985 Jul 1;152(5):609-10

Inhibition of fetal membrane prostaglandin production by prolactin: relative importance in the initiation of labor. Tyson JE, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1032-8

Gap junctions and direct intercellular communication between rat uterine smooth muscle cells. Cole WC, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C20-31

Venous blood pressure relative to the development of bovine udder edema. Vestweber JG, et al. **Am J Vet Res** 1985 Jan;46(1):157-9

The role of psychological mechanisms in preparation for childbirth. Wideman MV, et al. **Am Psychol** 1984 Dec; 39(12):1357-71

Self-administered isoflurane in labour. A comparative study with Entonox. McLeod DD, et al. **Anaesthesia** 1985 May; 40(5):424-6

The effect of labour and epidural analgesia on pain threshold. Sengupta P, et al. **Anaesthesia** 1984 Oct;39(10):982-6

Epidural fentanyl in labour. An evaluation of the systemic contribution to analgesia. Vella LM, et al. **Anaesthesia** 1985 Aug;40(8):741-7

Noninvasive assessment by radiotelemetry of antacid effect during labor. O'Sullivan GM, et al. **Anesth Analg** 1985 Feb; 64(2):95-100

Tethered versus loose sows: ethological observations and measures of productivity. I. Ethological observations during pregnancy and farrowing. Vestergaard K, et al. **Ann Rech Vet** 1984;15(2):245-56

Scalp changes after fetal monitoring. Ashkenazi S, et al. **Arch Dis Child** 1985 Mar;60(3):267-9

The disappearance rate of pregnancy-associated plasma protein-A (PAPP-A) after the end of normal and abnormal pregnancies. Bischof P, et al. **Arch Gynecol** 1984; 236(2):93-8

Measurement of transcutaneous pCO2 and pO2 in the fetus during labor. Schmidt S, et al. **Arch Gynecol** 1985; 236(3):145-51

Clinical significance of antithrombin III, plasminogen and alpha 2-plasmin inhibitor in perinatal period. Fuse Y, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):121-5

Characteristics of induced labour. Gibb DM, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):27-31

The physiological role of the sitting parturient posture. Mori H, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar; 11(1):47-53

Differences in human plasma oxytocin, prostaglandin E1, E2 and F2 alpha levels between spontaneous and amniotomy-induced labors. Nagata I, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):513-20

The birthing chair in the second stage of labour. Liddell HS, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):65-8

Perinatal development of the small intestine and pancreas in rat and spiny mouse. Its relation to altricial and precocial timing of birth. Lamers WH, et al. **Biol Neonate** 1985; 47(3):153-62

Postpartum preovulatory surge of gonadotropin secretion in the rat may be initiated by the labor process. Fox SR, et al. **Biol Reprod** 1984 Nov;31(4):619-26

Intrathecal administration of hyperbaric morphine for the relief of pain in labour. Abboud TK, et al. **Br J Anaesth** 1984 Dec;56(12):1351-60

Continuous extradural infusion of 0.0625% or 0.125% bupivacaine for pain relief in primigravid labour. Li DF, et al. **Br J Anaesth** 1985 Mar;57(3):264-70

Effects of spinal blockade with bupivacaine on parturition in rats. Li DF, et al. **Br J Anaesth** 1985 May;57(5):515-9

The phases and stages of labour. Crawford JS. **Br J Hosp Med** 1985 Jul;34(1):32-4, 36

The effect of parity on uterine activity in labour. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):843-8

Maternal plasma prostaglandin E2 metabolite levels during human pregnancy and parturition. Brennecke SP, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):345-9

Endocrinology of human parturition: a review. Fuchs AR, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):948-67 (119 ref.)

Plasma catecholamines and modes of delivery: the relation between catecholamine levels and in-vitro platelet aggregation and adrenoreceptor radioligand binding characteristics. Jones CR, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):593-9

ST waveform changes of the fetal electrocardiogram during labour--a clinical study. Lilja H, et al. **Br J Obstet Gynaecol** 1985 Jun;92(6):611-7

Normal maternity care: whose responsibility? [editorial] Robinson S. **Br J Obstet Gynaecol** 1985 Jan;92(1):1-3

The influence of spontaneous and induced labour on the rise in prostaglandins at amniotomy. Sellers SM, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):849-52

Posture in labour: patients' choice and its effect on performance. Stewart P, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1091-5

Fetal transcutaneous carbon dioxide tension during the second stage of labour. Thomsen SG, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1103-6

Progesterone, cortisol and oestradiol-17 beta in the initiation of human parturition: partitioning between free and bound hormone in plasma. Willcox DL, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):65-71

Salivary oestriol to progesterone ratio in relation to spontaneous labour [letter] Perry L, et al. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1004-5

Kininogen, esterase and kininase activities in human peripheral venous plasma and in plasma from the intervillous space of human placenta, before and during labor. Silva RO, et al. **Braz J Med Biol Res** 1984; 17(1):27-34

Pathophysiologic mechanism of uterine rupture during labor. Liu ZT, et al. **Chin Med J [Engl]** 1985 Mar;98(3):161-4

A function for estriol during human pregnancy--a hypothesis. Cohen SL. **Clin Biochem** 1985 Apr;18(2):85-7

Control of myometrial function in preterm versus term labor. Garfield RE. **Clin Obstet Gynecol** 1984 Sep;27(3):572-91

Obstetric medication and neonatal behavior. Current controversies. Kuhnert BR, et al. **Clin Perinatol** 1985 Jun, 12(2):423-40 (64 ref.)

Absorption and metabolism of acetaminophen shortly before parturition. Galinsky RE, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):977-9

Leucocyte counts during pregnancy and the puerperium and at birth in Nigerians. Fleming AF, et al. **East Afr Med J** 1985 Mar;62(3):175-84

Productivity of immunoreactive prolactin (IR-PRL) by the human decidual explants: a new sampling method. Ogino M. **Endocrinol Jpn** 1985 Feb;32(1):175-80

The physiological role of relaxin in the pregnant rat. I. The influence of relaxin on parturition. Downing SJ, et al. **Endocrinology** 1985 Mar;116(3):1200-5

Estrogen synthetase activity in human term placental cells in monolayer culture. Lobo JO, et al. **Endocrinology** 1985 Mar;116(3):889-95

Influence of litter size on antepartum serum relaxin and progesterone immunoactivity levels and on birth in the rat. Sherwood OD, et al. **Endocrinology** 1985 Jun; 116(6):2554-62

Insulin binding, glucose oxidation, and methylglucose transport in isolated adipocytes from pregnant rats near term. Toyoda N, et al. **Endocrinology** 1985 Mar; 116(3):998-1002

Rapid strip test method to assist management of foaling mares. Cash RS, et al. **Equine Vet J** 1985 Jan;17(1):61-2

Mammary secretions in normal spontaneous and induced premature parturition in the mare. Leadon DP, et al. **Equine Vet J** 1984 Jul;16(4):256-9

Preliminary studies of mammary secretions in the mare to assess foetal readiness for birth. Ousey JC, et al. **Equine Vet J** 1984 Jul;16(4):259-63

Maternal and foetal endocrinology during late pregnancy and parturition in the mare. Pashen RL. **Equine Vet J** 1984 Jul;16(4):233-8 (51 ref.)

Concentrations of 15-keto-13, 14-dihydro-prostaglandin F2 alpha in the mare during spontaneous and oxytocin induced foaling. Stewart DR, et al. **Equine Vet J** 1984 Jul; 16(4):270-4

Plasma protein binding of ritodrine at parturition and in nonpregnant women. Gross AS, et al. **Eur J Clin Pharmacol** 1985;28(4):479-81

The second twin. Eskes TK, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Mar;19(3):159-66

Maternal blood pressure response to the intravenous administration of pethidine-promethazine during labor. Ron M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep; 18(1-2):25-8

Childbirth in true hermaphrodite. Minowada S, et al. **Eur Urol** 1984;10(6):414-5

Determination of certain physical and chemical characteristics of the activating serum factor from preparturient women and women with habitual abortions. Lukanov J, et al. **Experientia** 1985 Jan 15;41(1):68-70

Effect of zinc nutrition on parturition and postpartum in the rat. Durá Travé T, et al. **Gynecol Obstet Invest** 1984; 18(5):275-80

Retrograde time-scale analysis of human placental lactogen, beta human chorionic gonadotropin, and unconjugated estriol levels in human maternal serum from the onset of spontaneous labor. Furuhashi N, et al. **Gynecol Obstet Invest** 1984;18(5):264-8

Human plasma amino acid changes at parturition. Gard PR, et al. **Horm Metab Res** 1985 Feb;17(2):112

Oxytocin in the cerebrospinal fluid and plasma of pregnant and nonpregnant subjects. Takagi T, et al. **Horm Metab Res** 1985 Jun;17(6):308-10

Comments on 'intermittent drug administration during labor and protection of the fetus'. Bennett MJ. **IEEE Trans Biomed Eng** 1985 May;32(5):344-5

Plasma arginine vasopressin response to water load during labor. Singhi S, et al. **Int J Gynaecol Obstet** 1985 Feb; 23(1):37-40

Group B streptococci colonization among Saudi women in labor and neonatal acquisition. Uduman SA, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):21-4

Unexpected delivery outside hospital. O'Donovan P, et al. **Ir Med J** 1984 Sep;77(9):283-5

Despite a massive increase in cortisol secretion in women during parturition, there is an equally massive increase in prostaglandin synthesis. A paradox? Casey ML, et al. **J Clin Invest** 1985 Jun;75(6):1852-7

Correlations of various direct and maternal effects for calving ease. Cue RI, et al. **J Dairy Sci** 1985 Feb;68(2):374-81

Correlations between calving ease and calf survival. Cue RI, et al. **J Dairy Sci** 1985 Apr;68(4):958-62

Biochemical and antibacterial properties of bovine mammary secretion during mammary involution and at parturition. Nonnecke BJ, et al. **J Dairy Sci** 1984 Dec;67(12):2863-72

Non-protein-bound oestradiol and progesterone in human peripheral plasma before labour and delivery. Anderson PJ, et al. **J Endocrinol** 1985 Jan;104(1):7-15

Release of oxytocin during suckling and parturition in the rat. Higuchi T, et al. **J Endocrinol** 1985 Jun;105(3):339-46

Effect of inhibition of prostaglandin synthesis on cervical softening and uterine activity during ovine parturition resulting from progesterone withdrawal induced by epostane. Ledger WL, et al. **J Endocrinol** 1985 May; 105(2):227-33

Opioid peptides of the pituitary and hypothalamus: changes in pregnant and lactating rats. Petraglia F, et al. **J Endocrinol** 1985 May;105(2):239-45

Why women choose trial of labor or repeat cesarean section. McClain CS. **J Fam Pract** 1985 Sep;21(3):210-6

Childbirth preparation and outcomes of labor and delivery in primiparous women. Patton LL, et al. **J Fam Pract** 1985 Apr;20(4):375-8

The influence of parturition on peripheral blood mononuclear phagocyte subpopulations in pregnant women. Buchan GS, et al. **J Leukocyte Biol** 1985 Feb;37(2):231-42

The birth system in Germany. Luegenbiehl DL. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):45-9

Second stage labor: what is normal? McKay S, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):101-6

The art of induction/augmentation of labor. Marshall C. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):22-8

Anesthesia, analgesia for vaginal childbirth. Differences in maternal perceptions. Slavazza KL, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):321-9

Plasma oxytocin in human pregnancy and parturition. de Geest K, et al. **J Perinat Med** 1985;13(1):3-13 (51 ref.)

Serum and red blood cell folate levels in parturients, in the intervillous space of the placenta and in full-term newborns. Giugliani ER, et al. **J Perinat Med** 1985; 13(2):55-9

Measuring desire for control of health care processes. Smith RA, et al. **J Pers Soc Psychol** 1984 Aug;47(2):415-26

A test of a common assumption regarding the use of antenatal training during labour. Copstick S, et al. **J Psychosom Res** 1985;29(2):215-8

Oestradiol in follicular fluid and in utero-ovarian venous and peripheral plasma during parturition and postpartum oestrus in the tammar, Macropus eugenii. Harder JD, et al. **J Reprod Fertil** 1984 Nov;72(2):551-8

An interaction between season of calving and nutrition on the resumption of ovarian cycles in post-partum beef cattle. Montgomery GW, et al. **J Reprod Fertil** 1985 Jan; 73(1):45-50

Vasopressin levels during pregnancy and labor. DeVane GW. **J Reprod Med** 1985 Apr;30(4):324-7

Significance of exaggerated fetal heart rate accelerations during active labor. Ott WJ. **J Reprod Med** 1984 Sep; 29(9):661-4

Effects of lateral recumbency and sitting on the first stage of labor. Roberts JE, et al. **J Reprod Med** 1984 Jul; 29(7):477-81

Assisting the unprepared woman during labor. Bloom KC. **JOGN Nurs** 1984 Sep-Oct;13(5):303-6

An independent labor-support nursing service. Peddicord K, et al. **JOGN Nurs** 1984 Sep-Oct;13(5):312-6

Identifying priorities for prepared childbirth research. Thomas BS. **JOGN Nurs** 1984 Nov-Dec;13(6):400-8

Prostaglandins and parturition [letter] Jenkins DM. **Lancet** 1985 Jul 20;2(8447):163

A role for amniotic epithelium in control of human parturition. Mortimer G, et al. **Lancet** 1985 May 11; 1(8437):1074-5

Prostaglandin inhibitory compounds in the initiation of human labour [letter] Reddi K, et al. **Lancet** 1985 Jun 29; 1(8444):1508

Serial plasma oncotic pressure levels and echoencephalography during and after delivery in severe pre-eclampsia. Zinaman M, et al. **Lancet** 1985 Jun 1; 1(8440):1245-7

Mass spectrometric evidence for the presence of platelet-activating factor (1-0-alkyl-2-acetyl-sn-glycero-3-phosphocholine) in human amniotic fluid during labor. Nishihira J, et al. **Lipids** 1984 Dec;19(12):907-10

The body boundary experience of women in labor: a framework for care. Richardson P. **Matern Child Nurs J** 1984 Summer;13(2):91-101

Hand behaviors of women during childbirth. VanMuiswinkel J. **Matern Child Nurs J** 1984 Winter;13(4):iii-viii, 205-88

External recording and processing of fast electrical activity of the uterus in human parturition. Planes JG, et al. **Med Biol Eng Comput** 1984 Nov;22(6):585-91

Neuronal/glial plasticity in the supraoptic dendritic zone: dendritic bundling and double synapse formation at parturition. Perlmutter LS, et al. **Neuroscience** 1984 Nov; 13(3):769-79

Changes in contact activation system during pregnancy, delivery and menstrual cycle. Soma H, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):235-41

Changes in the umbilical venous blood flow of human fetus in labor. Murakami M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):776-82

Effect of the birth chair on duration of second stage labor, fetal outcome, and maternal blood loss. Shannahan MD, et al. **Nurs Res** 1985 Mar-Apr;34(2):89-92

Supine position in labor and associated fetal heart rate changes. Abitbol MM. **Obstet Gynecol** 1985 Apr; 65(4):481-6

Obstetric factors causing early periventricular-intraventricular hemorrhage [letter] Burke MS, et al. **Obstet Gynecol** 1985 Jun;65(6):858-9

Respiratory morbidity benefit of awaiting onset of labor after elective cesarean section. Cohen M, et al. **Obstet Gynecol** 1985 Jun;65(6):818-24

Endorphins and parturition. Detrick JM, et al. **Obstet Gynecol** 1985 May;65(5):647-51

Vaginal delivery after cesarean section: a five-year study. Jarrell MA, et al. **Obstet Gynecol** 1985 May;65(5):628-32

Prospective randomized study of x-ray pelvimetry in the primigravida. Parsons MT, et al. **Obstet Gynecol** 1985 Jul; 66(1):76-9

Estimation of fetal weight during labor. Patterson RM. **Obstet Gynecol** 1985 Mar;65(3):330-2

Pain and plasma beta-endorphin level during labor. Räisänen I, et al. **Obstet Gynecol** 1984 Dec;64(6):783-6

Labor pain assessment: validity of a behavioral index. Bonnel AM, et al. **Pain** 1985 May;22(1):81-90

Parturition in non-human primates: pain and auditory concealment. Lefebvre L, et al. **Pain** 1985 Apr;21(4):315-27

The myth of painless childbirth (the John J. Bonica lecture). Melzack R. **Pain** 1984 Aug;19(4):321-37 (36 ref.)

Indigenous childbirth practices: information gathering with the MACHIK interview, Part II. Jenkins C. **Papua New Guinea Med J** 1984 Jun;27(2):61-4

Transcutaneous electrical nerve stimulation for relief of parturition pain. A clinical report. Grim LC, et al. **Phys Ther** 1985 Mar;65(3):337-40

Transcutaneous electrical nerve stimulation for pain control during labor and delivery. A case report. Keenan DL, et al. **Phys Ther** 1985 Sep;65(9):1363-4

Timing of parturition and postpartum mating in Norway rats: interaction of an interval timer and a circadian gate. Gilbert AN, et al. **Physiol Behav** 1985 Jan;34(1):61-3

Stimulation of myometrial and decidual prostaglandin production by amniotic fluid from term, but not midtrimester pregnancies. Rehnström J, et al. **Prostaglandins** 1983 Dec;26(6):973-81

A trial of three methods for plasma beta-endorphin assay in women at delivery and in healthy non pregnant women. Cecchettin M, et al. **Quad Sclavo Diagn** 1984 Jun; 20(2):141-8

Self-report and psychophysiological effects of Lamaze preparation: an analogue of labor pain. Geden E, et al **Res Nurs Health** 1985 Jun;8(2):155-65

Myometrial electrical activity during pregnancy and parturition in the pygmy goat. Taverne MA, et al. **Res Vet Sci** 1985 Jan;38(1):120-3

Changes of plasma protease inhibitors in late pregnancy, during delivery and puerperium in normal women and in preeclampsia. Gamba G, et al. **Ric Clin Lab** 1984 Jul-Sep; 14(3):521-5

Self-administered intravenous analgesia during labour. A comparison between pentazocine and pethidine. Erskine WA, et al. **S Afr Med J** 1985 May 11;67(19):764-7

Clinical effects of epidural block during labour. A prospective study. Nel JT. **S Afr Med J** 1985 Sep 14; 68(6):371-4

Pregnancy, labor and body image in the United States. Martin E. **Soc Sci Med** 1984;19(11):1201-6

A study of labour pain using the McGill Pain Questionnaire. Niven C, et al. **Soc Sci Med** 1984;19(12):1347-51

Bacterial colonization of amniotic fluid in patients with intact membranes during labor. Apuzzio JJ, et al. **South Med J** 1984 Sep;77(9):1133-5

Serum bupivacaine concentrations in term parturients following continuous epidural analgesia for labor and delivery. Denson DD, et al. **Ther Drug Monit** 1984; 6(4):393-8

Protein C antigen during pregnancy, delivery and puerperium [letter] Mannucci PM, et al. **Thromb Haemost** 1984 Oct 31;52(2):217

Plasma hormone changes in cows during induced or spontaneous calvings and the early post partum period. Kaker ML, et al. **Vet Rec** 1984 Oct 13;115(15):378-82

Pelvic dimensions, bodyweight and parturition in rare breeds of sheep. Robalo Silva J, et al. **Vet Rec** 1984 Sep 8; 115(10):242-5

Parturition as a stimulus of IBR virus reactivation [letter] Thiry E, et al. **Vet Rec** 1985 Jun 1;116(22):599-600

Failure to demonstrate infectious bovine rhinotracheitis virus reactivation in parturient cows. Thiry E, et al. **Vet Rec** 1984 Sep 8;115(10):248-9

Intrapartum infusion of oxytocin and glucose water and neonatal jaundice. Singhi SC, et al. **West Indian Med J** 1984 Jun;33(2):80-3

The rise of the free standing birth center: principles and practice. Eakins PS. **Women Health** 1984 Winter;9(4):49-64

[Hormonal balance during pregnancy and labor and some deviations] Penev I. **Akush Ginekol (Sofiia)** 1985;24(2):9-20 (181 ref.) (Eng. Abstr.) **(Bul)**

[Spontaneous delivery of a live giant fetus weighing 6750 g.] Popov I, et al. **Akush Ginekol (Sofiia)** 1985;24(2):37-9 **(Bul)**

[Graphicostatistical analysis of 150 cases of the fetus in occipito-posterior position] Chen L. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):167-71, 191 (Eng. Abstr.) **(Chi)**

[Analysis of abnormal labor curves in 300 cases] Yu ZJ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):108-10 **(Chi)**

[Placebo technics in obstetrical psychoprophylaxis] Cepický P, et al. **Cesk Gynekol** 1984 Aug;49(7):520-1 **(Cze)**

[The present state of obstetrical psychoprophylaxis in practice. II. The effects of preparation] Cepický P, et al. **Cesk Gynekol** 1984 Nov;49(9):644-7 **(Cze)**

[The significance of acceleration in the intrapartum cardiotocogram] Horská S, et al. **Cesk Gynekol** 1985 Jul; 50(6):395-401 (Eng. Abstr.) **(Cze)**

[Problems of intrapartum cardiotokographic scoring systems] Horská S, et al. **Cesk Gynekol** 1984 Sep;49(8):543-7 (Eng. Abstr.) **(Cze)**

[Effectiveness of the modified intrapartum CTG James score. II. Prospective study] Stembera Z. **Cesk Gynekol** 1984 Sep; 49(8):535-42 (Eng. Abstr.) **(Cze)**

[Effectiveness of the modified intrapartum CTG James score. I. Retrospective study] Stembera Z. **Cesk Gynekol** 1984 Sep;49(8):529-34 **(Cze)**

[Pool bathing during labor. Preliminary communication] Lenstrup C, et al. **Ugeskr Laeger** 1984 Oct 15; 146(42):3201-2 (Eng. Abstr.) **(Dan)**

[Pain-relieving effect of transcutaneous nerve stimulation during delivery. A study among primiparas] Steptoe P, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3186-8 (Eng. Abstr.) **(Dan)**

[Pain control during childbirth, especially epidural analgesia] Holm JP. **Ned Tijdschr Geneeskd** 1985 Jul 20; 129(29):1366-9 **(Dut)**

[Transcutaneous cerebral electric stimulation by Limoge current during labor] Champagne C, et al. **Ann Fr Anesth Reanim** 1984;3(6):405-13 (Eng. Abstr.) **(Fre)**

[Simultaneous registration of fetal cardiac rhythm of twins during labor] Uzan S, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):785-7 (Eng. Abstr.) **(Fre)**

[Pregnancy and labor in Gabonese adolescent girls. A study of 97 cases] Mounanga M, et al. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):293-4, 297-8 (Eng. Abstr.) **(Fre)**

[The full moon, cosmic panacea or prehistoric prostaglandin] Desrosiers J. **Union Med Can** 1985 Jul;114(7):555-9, 562 (Eng. Abstr.) **(Fre)**

[The influence of the lunar cycle on delivery] Hausser C, et al. **Union Med Can** 1985 Jul;114(7):548-50 (Eng. Abstr.) **(Fre)**

[Results of experimental studies of uterine bioelectric activity in the peripartal period and puerperium in cattle. I. Methods of collecting, recording and assessing uterine bioelectric activity during parturition and the postpartum period in cattle] Däberitz H, et al. **Arch Exp Veterinarmed** 1984 Sep;38(5):676-86 (Eng. Abstr.) **(Ger)**

[Electrolyte (Ca, Mg, inorganic phosphate, Na, K) levels in blood plasma of sows during the beginning of parturition as well as in whole litters of newborn piglets prior to the uptake of colostrum and in 16 to 24 hours following birth] Kupski A, et al. **Arch Exp Veterinarmed** 1984 Sep; 38(5):704-21 (Eng. Abstr.) **(Ger)**

[Individual birth. Results of a longitudinal study] Kentenich H, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):153-60 (Eng. Abstr.) **(Ger)**

[The importance of oxytocin and prostaglandins to the mechanism of labor in humans] Husslein P. **Wien Klin Wochenschr [Suppl]** 1984;155:1-32 (243 ref.) (Eng. Abstr.) **(Ger)**

[Endorphins and the maternofetal entity] Riss P. **Wien Klin Wochenschr [Suppl]** 1985;161:1-15 **(Ger)**

[Early mother-child relations in relation to the desire for children. Significance of care conditions for the emotional conditioning of the female] Busacca M, et al. **Zentralbl Gynakol** 1984;106(24):1572-81 (Eng. Abstr.) **(Ger)**

[Energy metabolism of the myometrium in pregnancy and labor] Laudański T. **Zentralbl Gynakol** 1985;107(9):568-73 (Eng. Abstr.) **(Ger)**

[Compatible receiver insert for telemetric monitoring of labor] Retzke F, et al. **Zentralbl Gynakol** 1985; 107(11):710-1 (Eng. Abstr.) **(Ger)**

[Role of low-density lipoproteins of the blood plasma during labor in heparin neutralization] Rółkowski R, et al. **Zentralbl Gynakol** 1985;107(8):491-5 (Eng. Abstr.) **(Ger)**

[Tasks of family-oriented obstetrics in the maternity ward] Schulze G, et al. **Zentralbl Gynakol** 1984;106(15):1068-76 (Eng. Abstr.) **(Ger)**

[Usefulness of the S-S-G, a questionnaire for measuring attitude to pregnancy, sexuality and birth] Thormann K, et al. **Zentralbl Gynakol** 1984;106(19):1314-24 (Eng. Abstr.) **(Ger)**

[Family childbirth--the husband in the delivery room. Psychosocial and medical experience with family childbirth] Marton I, et al. **Orv Hetil** 1985 Jun 9; 126(23):1419-21 (Eng. Abstr.) **(Hun)**

[Health care during delivery and puerperium in 4 Lombardy hospitals, with special reference to humanization. Comparative evaluation of consumer opinion] Remotti G, et al. **Ann Ostet Ginecol Med Perinat** 1984 Nov-Dec; 105(6):349-406 (Eng. Abstr.) **(Ita)**

[Experiences at the hospital on the occasion of childbirth. Analysis of subjective experiences of 846 puerperants in a hospital in Northwestern Lombardy] Trisorio W, et al. **Ann Ostet Ginecol Med Perinat** 1985 Jan-Feb;106(1):24-33 (Eng. Abstr.) **(Ita)**

[Method of carrying out a vaginal delivery after cesarean section] Giana M, et al. **Minerva Med** 1985 Feb 18; 76(6):225-7 (Eng. Abstr.) **(Ita)**

[Impact of maternal hypnosis in labor and parturition on various biochemical aspects of the newborn infant] Rosti D, et al. **Minerva Pediatr** 1984 Jun 15;36(11):597-600 (Eng. Abstr.) **(Ita)**

[Influence of blood pressure control on delivery in pregnant rats in a warm environment] Fujita S, et al. **Jikken Dobutsu** 1984 Jul;33(3):283-9 (Eng. Abstr.) **(Jpn)**

[The uterine cervix during pregnancy and labor] Kikuchi S. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):411-8 (13 ref.) **(Jpn)**

[Studies on the tocogram with bearing-down efforts during labor--analysis of the waveform and its clinical significance] Fukamauchi K. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1081-90 (Eng. Abstr.) **(Jpn)**

[Advantages of lumbar epidural block for labor and vaginal delivery] Fukushima M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1268-72 **(Jpn)**

[A survey of placental separation by real-time B-mode scanning] Goto M. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1171-9 (Eng. Abstr.) **(Jpn)**

[Studies on the birthplace of residents in the remote area] Kitamura K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug;36(8):1223-9 (Eng. Abstr.) **(Jpn)**

[Effects of delivery positions on the onset of first cry and umbilical blood gas parameters] Koga S. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):107-14 (Eng. Abstr.) **(Jpn)**

[Studies on the alteration of the unconjugated estriol level of the maternal vein after the onset of labor] Kohno H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1059-63 (Eng. Abstr.) **(Jpn)**

[Effect of dopaminergic agents on the endocrine profile in labor and early puerperium] Kubota T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jun;37(6):945-54 (Eng. Abstr.) **(Jpn)**

[Changes in steroids in amniotic fluid in relation to the initiation of labor] Suzuki T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1841-50 (Eng. Abstr.) **(Jpn)**

[Free fatty acid levels of the blood of parturients as an indicator of energy metabolism in physiological labor] Brodziński W. **Ginekol Pol** 1984 May;55(5):359-64 (Eng. Abstr.) **(Pol)**

[Selected elements of exertion physiology as an introduction to physiopathology in obstetrics. I. The basis of human physical efficiency and oxygen supply during physical exertion] Brodziński W. **Ginekol Pol** 1984 Jun;55(6):393-9 (Eng. Abstr.) **(Pol)**

[Energy expenditure of parturients during physiological labor] Brodziński W. **Ginekol Pol** 1984 Jun;55(6):401-8 (Eng. Abstr.) **(Pol)**

[Suggestions with regard to the management of twin pregnancies and labor] Cekański A, et al. **Ginekol Pol** 1985 Jan;56(1):41-4 (Eng. Abstr.) **(Pol)**

[Changes in kininogens, kininogenases and fibrinolysis in the blood of parturients] Czokało M, et al. **Ginekol Pol** 1984 Dec;55(12):911-7 (Eng. Abstr.) **(Pol)**

[Effect of the degree of readiness of the cervix uteri on the dynamics of labor induced with prostaglandin F2 alpha] Kuźniar B, et al. **Ginekol Pol** 1984 Jul;55(7):493-8 (Eng. Abstr.) **(Pol)**

[Course of labor in Rh isoimmunization] Marianowski L, et al. **Ginekol Pol** 1984 Aug;55(8):577-81 (Eng. Abstr.) **(Pol)**

[Coexistence of a giant ovarian tumor and full-term pregnancy] Mazurek W, et al. **Ginekol Pol** 1984 Apr; 55(4):293-4 (Eng. Abstr.) **(Pol)**

[The course and management of labor in women with a history of cesarean section] Słomko Z, et al. **Ginekol Pol** 1985 Jan;56(1):23-8 (Eng. Abstr.) **(Pol)**

[Recognition of exercise physiology in the clinical practice of obstetrics and perinatology] Brodziński W. **Wiad Lek** 1985 Feb 1;38(3):210-6 (Eng. Abstr.) **(Pol)**

[Indicators of exertion metabolism in parturients] Brodziński W. **Wiad Lek** 1985 Feb 15;38(4):277-82 (Eng. Abstr.) **(Pol)**

[Exertion metabolism as an indicator of changes in blood glucose level in physiological labor] Brodziński W. **Wiad Lek** 1984 Aug 1;37(15):1184-90 (Eng. Abstr.) **(Pol)**

[Selected indicators of effort load in parturients from the aspect of exertion physiology] Brodziński W. **Wiad Lek** 1984 Jul 1;37(13):990-5 (Eng. Abstr.) **(Pol)**

[Evolution in the choice of body position during labor] Heimrath T. **Wiad Lek** 1984 May 15;37(10):797-9 (Eng. Abstr.) **(Pol)**

[Course of labor in breech presentation and its complications] Szczurowicz A, et al. **Wiad Lek** 1984 Mar 15;37(6):434-40 (Eng. Abstr.) **(Pol)**

[Psychoprophylaxis in labor--comparative studies] Zielonka U, et al. **Wiad Lek** 1985 Apr 15;38(8):561-6 (Eng. Abstr.) **(Pol)**

[Ultrasonic examination in the placental stage] Belousov MA, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):44-6 (Eng. Abstr.) **(Rus)**

[Oxidation-reduction potential of soft tissues of the fetal head in labor complicated by intrauterine hypoxia and late toxicosis of pregnancy] Grishchenko VI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):35-7 (Eng. Abstr.) **(Rus)**

[Use of electric uterine stimulator 'Uteroton-1' for prevention of hemorrhage in the placental-stage and early postpartum periods] Khasin AZ, et al. **Akush Ginekol (Mosk)** 1985 Jan; (1):44-6 (Eng. Abstr.) **(Rus)**

[Pregnancy and labor in women following surgical diathermy treatment of the vaginal portion of the cervix uteri] Shchipurzhitskaia ZI, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):66-9 (Eng. Abstr.) **(Rus)**

[Prognosis and differentiated method of prevention of placental-stage and early postpartum hemorrhages] Susloparov LA. **Akush Ginekol (Mosk)** 1985 Jan;(1):28-32 (Eng. Abstr.) **(Rus)**

[Methods of recording and mathematical processing of hysterograms] Zaitsev LM. **Akush Ginekol (Mosk)** 1985 May;(5):8-12 (38 ref.) **(Rus)**

[Cytologic studies directed to determining the delivery date in women] Stepanenko MA. **Lab Delo** 1985;(4):214-7 (Eng. Abstr.) **(Rus)**

[Functional rehabilitation and successful labor in a patient in the remote period after extensive resection of lung tissue] Lopatin VA, et al. **Probl Tuberk** 1985;(3):68-9 **(Rus)**

[Neurophysiologic and clinical aspects of intranatal fetal hibernation] Babkin PS. **Zh Nevropatol Psikhiatr** 1984; 84(11):1627-30 (Eng. Abstr.) **(Rus)**

[Approximate determination of the date of delivery using ultrasound between 18 and 32 weeks of pregnancy] Dukić M, et al. **Med Pregl** 1983;36(11-12):491-3 (Eng. Abstr.) **(Scr)**

[Current status of obstetric psychoprophylaxis] Salvatierra V, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):566-9 **(Spa)**

DRUG EFFECTS

Effect of progesterone treatment near term on the onset of labour in rats. Bernard A, et al. **Acta Physiol Hung** 1985; 65(3):367-71

Oxytocin augmentation of dysfunctional labor. IV. Oxytocin pharmacokinetics. Seitchik J, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):225-8

Safety and efficacy of epinephrine added to bupivacaine for lumbar epidural analgesia in obstetrics. Abboud TK, et al. **Anesth Analg** 1985 Jun;64(6):585-91

Dose rate, time of injection and litter size effects on dexamethasone-induced parturition in Border Leicester x Merino ewes. Edey TN, et al. **Aust Vet J** 1985 Mar;

62(3):104-5

Central opioids: a possible role in parturition? Leng G, et al. **J Endocrinol** 1985 Aug;106(2):219-24

[Use of ketalar--diazepam in the anesthesia of labor] Mitev L, et al. **Akush Ginekol (Sofiia)** 1984;23(4):327-30 (Eng. Abstr.) **(Bul)**

[Anesthesia of labor by epidural analgesia. I. The effect and impact on the mother and labor activity] Smilov I, et al. **Akush Ginekol (Sofiia)** 1985;24(2):48-54 (Eng. Abstr.) **(Bul)**

[Clinical analysis of augmentation of labor in 423 cases] Dong JH. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):22-4, 60 (Eng. Abstr.) **(Chi)**

[Preliminary review of induction and augmentation of labor with oxytocin] Xing SJ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):25-7, 60 (Eng. Abstr.) **(Chi)**

[Effect of the beta blockader carazolol (Suacron) on parturition in sows] Rudloff PR, et al. **Tierarztl Prax** 1984;12(4):443-9 (Eng. Abstr.) **(Ger)**

[Effect of low molecular dextran on maternal microrheologic parameters, fetal heart rate and transcutaneous fetal oxygen partial pressure in labor] Kurz CS, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb;189(1):25-33 (Eng. Abstr.) **(Ger)**

[Physiological and pharmacological actions of prostaglandins and related substances: pregnancy and labor] Takagi S, et al. **Nippon Rinsho** 1985 Mar;43(3):549-54 (39 ref.) **(Jpn)**

[Effects of beta-adrenoceptor blockade on parturition and fetal cardiovascular and metabolic system] Chimura T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):691-5 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

Influence of photoperiod on the time of birth in the rat. IV. Effects of an imposed feeding rhythm. Bosc MJ, et al. **Reprod Nutr Dev** 1985;25(1A):39-48

LABOR COMPLICATIONS

The clinical importance of bacterial urinary tract infections during pregnancy. II. Events during delivery. Berbik I, et al. **Acta Chir Hung** 1984;25(4):249-55

Rupture of the uterus in labor. A review of 96 cases. Rahman J, et al. **Acta Obstet Gynecol Scand** 1985;64(4):311-5

Maternal fluid overload during labour; transplacental hyponatraemia and risk of transient neonatal tachypnoea in term infants. Singhi SC, et al. **Arch Dis Child** 1984 Dec;59(12):1155-8

Spinal anaesthesia for caesarean section. Management of a parturient with severe cardiovascular disease. Mostafa SM. **Br J Anaesth** 1984 Nov;56(11):1275-7

Faecal incontinence due to external anal sphincter division in childbirth is associated with damage to the innervation of the pelvic floor musculature: a double pathology. Snooks SJ, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):824-8

A continuing use for Kielland's forceps? Traub AI, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):894-8

Campylobacter carriage and pregnancy. Youngs ER, et al. **Br J Obstet Gynaecol** 1985 May;92(5):541-2

Vesico-uterine fistula. Iloabachie GC, et al. **Br J Urol** 1985 Aug;57(4):438-9

Anal incontinence following obstetrical injury. Corman ML. **Dis Colon Rectum** 1985 Feb;28(2):86-9

The management of labor in high myopic patients. Neri A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):277-9

Peripartal cardiomyopathy. van der Leeuw-Harmsen L, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):59-65

Obstetric consultations during labor and delivery in a university-based family practice. Craig AS, et al. **J Fam Pract** 1985 May;20(5):481-5

Injuries to birth canal during childbirth. Chakravarty BN. **J Indian Med Assoc** 1984 Oct;82(10):359-63

Locked twins. Pal SK, et al. **J Indian Med Assoc** 1985 Jan;83(1):23-5

The neonatal significance of selected perinatal events among infants of low birthweight--III. Follow-up studies. Perkins RP. **J Perinat Med** 1984;12(4):193-9

Intrapartum pulmonary embolus. A case report. Richards SR, et al. **J Reprod Med** 1985 Jan;30(1):64-6

Traumatic birth and syringomyelia [letter] Vaquero J, et al. **Neurology** 1985 Jan;35(1):137-8

Umbilical cord prolapse [letter] Fribourg S. **Obstet Gynecol** 1985 May;65(5):772-3

Umbilical cord prolapse. Levy H, et al. **Obstet Gynecol** 1984 Oct;64(4):499-502

Ruptured vasa praevia. Hanretty KP. **Scott Med J** 1985 Apr;30(2):115-6

[Uterine anomalies complicating pregnancy; report of 77 cases] Liu SY. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):172-4, 191 (Eng. Abstr.) **(Chi)**

[Advantages and risks of vaginal delivery after prior cesarean section] Hanzelka J, et al. **Cesk Gynekol** 1985 Mar;50(2):116-24 **(Cze)**

[Fever in labor and delivery. Fetal and neonatal risk] Kosmann JC. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):501-2 **(Fre)**

[Mechanical ileus in the first stage of labor caused by strangulation of the small intestine] Stoiński M. **Ginekol Pol** 1984 Sep;55(9):705-7 (Eng. Abstr.) **(Pol)**

[Risk factors in pregnancy and labor and the survival time of low-birth-weight infants] Steckiewicz W. **Pediatr Pol** 1984 May;59(5):387-93 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of 2 methods of peridural analgesia during labor] Gusev SIu, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):22-5 (Eng. Abstr.) **(Rus)**

[Labor as an etiologic factor in symphysis injuries] Cutura N, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):831-6 (Eng. Abstr.) **(Sce)**

[Inversio uteri in placenta accreta] Hraško L. **Bratisl Lek Listy** 1985 Feb;83(2):162-5 (Eng. Abstr.) **(Slo)**

CHEMICALLY INDUCED

Iatrogenic neonatal and maternal hyponatraemia following oxytocin and aqueous glucose infusion during labour. Singhi S, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):356-63

DIAGNOSIS

Cord prolapse: is antenatal diagnosis possible? Lange IR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1083-5

Maternity care monitoring: a strategy to assess perinatal performance. Chaturachinda K, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:105-9

Risk pregnancy screening: a simple method for non physicians to screen the high-risk pregnancy. Sirivongs B, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:15-21

Sonographic demonstration of rupture of a cystic teratoma during pregnancy. Schaffer RM, et al. **J Ultrasound Med** 1984 Sep;3(9):425-7

Fetal tachycardia as an indicator of maternal and neonatal morbidity. Hager WD, et al. **Obstet Gynecol** 1985 Aug;66(2):191-4

[Clinical thinking in modern obstetrics. II. The hormonal and cardiotocographic aspects] Katsurov A. **Akush Ginekol (Sofiia)** 1985;24(2):1-8 (51 ref.) **(Bul)**

[Unrecognized eclampsia after delivery] Gram BR, et al. **Ugeskr Laeger** 1984 Jul 30;146(31):2318-9 (Eng. Abstr.) **(Dan)**

[Interpretation of the fetal heart rate in pregnancy and labor] Künzel W, et al. **Gynakologe** 1984 Dec;17(4):255-64 **(Ger)**

[Definition, classification and evaluation of risk factors in obstetrics and pediatrics] Schier E. **Padiatr Grenzgeb** 1984;23(5):261-9 (Eng. Abstr.) **(Ger)**

[Prechtl's optimal concept--a review; with conclusions for medical practice] Schier E. **Padiatr Grenzgeb** 1984;23(5):271-9 (Eng. Abstr.) **(Ger)**

[Prognostic significance of risk factors in pregnancy. II. Risk status at onset of labor] Elser H, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):209-12 (Eng. Abstr.) **(Ger)**

[Spontaneous rupture of a uterine varicose vein during labor, simulating premature separation of the placenta] Palatyński A, et al. **Zentralbl Gynakol** 1985;107(1):54-7 (Eng. Abstr.) **(Ger)**

[Safety, purpose, usefulness and effectiveness of diagnostic and therapeutic procedures in obstetrical and gynecological practice] Zrubek H. **Ginekol Pol** 1984 Nov;55(11):867-73 (Eng. Abstr.) **(Pol)**

[Importance of the early detection of injuries of the symphysis] Cersky O. **Med Pregl** 1984;37(7-8):319-21 (Eng. Abstr.) **(Scr)**

DRUG THERAPY

Use of ritodrine in uterine inversion [letter] Clark SL. **Am J Obstet Gynecol** 1985 Mar 1;151(5):705

Oxytocin augmentation of dysfunctional labor. V. An alternative oxytocin regimen. Seitchik J, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):757-61

Epidural meperidine for control of autonomic hyperreflexia in a paraplegic parturient. Baraka A. **Anesthesiology** 1985 May;62(5):688-90

Cimetidine in labour: absence of adverse effect on the high-risk fetus. McAuley DM, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):350-5

A comparison of the effects of four intravenous solutions for the treatment of ketonuria during labour. Morton KE, et al. **Br J Obstet Gynaecol** 1985 May;92(5):473-9

Comparison of the antiemetics metoclopramide and promethazine in labour. Vella L, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1173-5

Folk medicine in Tonga. A study of the use of herbal medicines for obstetric and gynaecological conditions and disorders. Singh YN, et al. **J Ethnopharmacol** 1984 Dec;12(3):305-29

[Fever in labor and delivery. The point of view of the bacteriologist] Flandrois JP. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):497-501 **(Fre)**

ETIOLOGY

Female circumcision. Shaw E. **Am J Nurs** 1985 Jun;85(6):684-7

The role of ultrasound in the aggressive management of obstructed labor secondary to fetal malformations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1042-4

Autonomic hyperreflexia: a mortal danger for spinal cord-damaged women in labor. McGregor JA, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):330-3

Labor risk assessment in a rural community hospital. Smith M, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):569-74

Ultrastructural alterations of term human amnionic epithelium following incubation with group B beta-hemolytic streptococci. Varner MW, et al. **Am J Reprod Immunol Microbiol** 1985 May;8(1):27-32

Vaginal delivery following caesarean section. Ngu A, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):41-3

The perinatal database: content and collection. Cowan DB, et al. **Br J Hosp Med** 1985 Jul;34(1):37-41

Kielland's forceps delivery [letter] Carr CJ. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):1003

Maternal perinatal risk factors and child abuse. Benedict MI, et al. **Child Abuse Negl** 1985;9(2):217-24

The impact of large Y chromosome on pregnancy, foetus and birth. Videbech P, et al. **Clin Genet** 1984 Oct;26(4):281-8

Dystocia due to impacted dysgerminoma. Ojha J, et al. **J Indian Med Assoc** 1984 May;82(5):173-5

Face presentation in Ramathibodi Hospital: a 12 years study. Herabutya Y, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:31-5

Obstetric risks in obesity. An analysis of the literature. Ruge S, et al. **Obstet Gynecol Surv** 1985 Feb;40(2):57-60 (33 ref.)

Smoking and pregnancy: II. Offspring risks. McIntosh ID. **Public Health Rev** 1984;12(1):29-63

[Fever during labor] Berland M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):443-8 (Eng. Abstr.) **(Fre)**

[Obstetrical complications due to malformations of the uterus] Blum M. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):461-2 (Eng. Abstr.) **(Fre)**

[Maternal consequences of infection during and after labor] Frobert JL. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):488-92 **(Fre)**

[Significance of pregnancy and labor complications for the genesis of brain function disorders. Results of an epidemiologic study of 8-year-old children] Esser G, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):161-6 (Eng. Abstr.) **(Ger)**

[A case of female circumcision] Mühlbach F, et al. **Zentralbl Gynakol** 1985;107(6):387-9 (Eng. Abstr.) **(Ger)**

[Medical errors in obstetrics] Marek Z. **Ginekol Pol** 1984 Aug;55(8):545-52 **(Pol)**

[Pregnancy and labor in women with solitary kidney--20-year observations] Zbroja-Sontag W, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1313-7 (Eng. Abstr.) **(Pol)**

[Pelvis with shortened straight-line diameter of the wide part of the cavity] Chernukha EA, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):70-1 **(Rus)**

[Immediate materno-fetal morbidity in the use of forceps. Comparative study of divergent and crossed forceps] Walss Rodriguez RJ, et al. **Ginecol Obstet Mex** 1984 May;52(325):121-5 (Eng. Abstr.) **(Spa)**

HISTORY

[The ill-fated delivery and death of Princess Charlotte of England 6 November 1817] Dumont M. **Rev Fr Gynecol Obstet** 1985 Feb;80(2):121-4 (Eng. Abstr.) **(Fre)**

NURSING

[Nursing of pregnant women with severe hepatitis] Liu DF. **Chung Hua Hu Li Tsa Chih** 1985 Jun;20(3):152-3 **(Chi)**

OCCURRENCE

Advanced maternal age: the mature gravida. Kirz DS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):7-12

Referrals by traditional birth attendants in northeast Brazil. Janowitz B, et al. **Am J Public Health** 1985 Jul;75(7):745-8

Concomitant and repeated happenings of complications of the third stage of labour. Hall MH, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):732-8

Grand multiparity: benefits of a referral program for hospital delivery and postpartum tubal ligation. Barss P, et al. **Papua New Guinea Med J** 1985 Mar;28(1):35-9

[Complications of delivery following normal pregnancy in clinics] Hansen KB, et al. **Ugeskr Laeger** 1984 May 14;146(20):1473-6 (Eng. Abstr.) **(Dan)**

[Delivery of black African women in France] Pigné A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):812-6 (Eng. Abstr.) **(Fre)**

PATHOLOGY

[Sheehan syndrome with fatal course. Morphologic and immunohistologic studies of a case] Saeger W, et al. **Pathologe** 1984 Jul;5(4):231-4 **(Ger)**

PHYSIOPATHOLOGY

Hemodynamic alterations associated with amniotic fluid embolism: a reappraisal. Clark SL, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):617-21

Perineal muscle function after childbirth. Gordon H, et al. **Lancet** 1985 Jul 20;2(8447):123-5

[The significance of acceleration in the intrapartum cardiotocogram] Horská S, et al. **Cesk Gynekol** 1985 Jul;50(6):395-401 (Eng. Abstr.) **(Cze)**

[Effect of pregnancy and delivery on the function of the cervico-urethral closure. I. Prospective study of 27 women] Le Coutour X, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):771-4

(Eng. Abstr.) **(Fre)**

[Effect of pregnancy and delivery on the function of the cervico-urethral closure. II. Retrospective study on late consequences of obstetrical trauma] Le Coutour X, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(7):775-9 (Eng. Abstr.) **(Fre)**

[Fever in labor and delivery. Study of 100 cases of febrile parturient patients in comparison with 100 controls] Berland M. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):485-7 **(Fre)**

[Fever in labor and delivery. Physiopathologic data and clinical implications] Chabert P. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):483-5 **(Fre)**

[Physiopathological basis of disorders of homeostasis in parturients in relation to the degree of their physical capacity and development of fetal risk conditions] Brodziński W. **Ginekol Pol** 1984 Apr;55(4):287-92 (Eng. Abstr.) **(Pol)**

PREVENTION & CONTROL

Emergency equipment in labor suite [letter] Boucek CD, et al. **Anesthesiology** 1984 Oct;61(4):478-9

Episiotomy and third-degree tears. Buekens P, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):820-3

Prophylactic cesarean section at term? Feldman GB, et al. **N Engl J Med** 1985 May 9;312(19):1264-7

[Effect of prenatal care in general practice and in the clinic on the course of pregnancy and labor] Sperno R, et al. **Wien Med Wochenschr** 1985 Feb 15;135(3):65-9 (Eng. Abstr.) **(Ger)**

[Role of women's outpatient clinics in the prevention of pregnancy and labor complications in anemia] Dzhabbarova IuK, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):19-21 **(Rus)**

[Effectiveness of daytime hospitals in the prevention of complications of pregnancy and labor in patients with chronic anemia] Mordukhovich AS, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):48-51 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

Psychosocial predictors of labor pain. Reading AE, et al. **Pain** 1985 Jul;22(3):309-15

SURGERY

Management of autonomic hyperreflexia associated with a low thoracic spinal cord lesion. Gimovsky ML, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):223-4

Some recent observations on the extraperitoneal cesarean section. Zábranský F. **Zentralbl Gynakol** 1985;107(9):574-6

[National Obstetrical Registration: delivery in breech presentation] Meuwissen JH, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):693-5 (Eng. Abstr.) **(Dut)**

[Inguinal hernia in women: a complication of pregnancy or labor. Apropos of 160 cases of surgically treated hernias] Verhaeghe P, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):101-7 (Eng. Abstr.) **(Fre)**

[Delivery in the malformed uterus. Apropos of 23 cases] Rachedi R, et al. **Tunis Med** 1985 Mar;63(3):207-11 (Eng. Abstr.) **(Fre)**

[Experiences with combined catheter-peridural anesthesia and nitrous oxide-oxygen ventilation in patients at risk in gynecology and obstetrics] Garstka G, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):195-200 (Eng. Abstr.) **(Ger)**

[Value of so-called risk factors in abdominal cesarean section] Hofmann P, et al. **Fortschr Med** 1985 Mar 28;103(12):321-4 (Eng. Abstr.) **(Ger)**

[Operative obstetrics--section, vacuum, forceps. Clinical results in 3,742 cases 1966 to 1980] Hohlweg-Majert P, et al. **Fortschr Med** 1985 May 2;103(17):450-2 (Eng. Abstr.) **(Ger)**

[Cesarean section with subsequent hysterectomy] Hohlweg-Majert P, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):167-9 (Eng. Abstr.) **(Ger)**

[Monoamniotic twin pregnancy with knotted umbilical cords] Beck R. **Zentralbl Gynakol** 1985;107(11):688-92 (Eng. Abstr.) **(Ger)**

[Patterns of frequency of use of peridural analgesia in surgical deliveries] Krasznai P, et al. **Orv Hetil** 1984 Dec 16;125(51):3107-9 (Eng. Abstr.) **(Hun)**

THERAPY

The role of external version in the intrapartum management of the transverse lie presentation. Phelan JP, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):724-6

Ritodrine-induced pulmonary oedema in labour. Successful management using epidural anaesthesia. Marks RJ, et al. **Anaesthesia** 1984 Oct;39(10):1012-4

Should a paediatrician be present at non-rotational forceps deliveries? Gray LC, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):899-900

Acute puerperal uterine inversion. A case report and review of the literature. Anthony J, et al. **S Afr Med J** 1984 Nov 10;66(19):738-9

Management of singleton breech presentation. Armon PJ. **Trop Doct** 1984 Oct;14(4):167-9

[Transverse presentation in the Maternity Department of the Habib Thameur Hospital] Maaref A, et al. **Tunis Med** 1983 Jan-Feb;61(1):57-60 (Eng. Abstr.) **(Fre)**

[How much labor assistance should the emergency physician render?] Brökelmann J, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):38-40 (Eng. Abstr.) **(Ger)**

[An encouraging balance. Technology of obstetrics--embryo transfer--difficulty of tumor therapy--diagnosis, after care and education] Stoll P. **Fortschr Med** 1985 Jan 10;103(1-2):20-2 **(Ger)**

[Fetal monitoring sub partu in West Germany. I. Basic data] Roemer VM, et al. **Geburtshilfe Frauenheilkd** 1985 Mar;45(3):147-52 (Eng. Abstr.) **(Ger)**

[Indications and technic of operative vaginal delivery in vertex presentation] Gitsch E, et al. **Zentralbl Gynakol** 1984;106(10):653-9 (Eng. Abstr.) **(Ger)**

[Prolapse of the umbilical cord--an intrapartum emergency situation] Stranz G, et al. **Zentralbl Gynakol** 1984;106(21):1419-23 (Eng. Abstr.) **(Ger)**

[Treatment of acute fetal hypoxia at birth] Bykova GF, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):41-3 (Eng. Abstr.) **(Rus)**

[Graded compression in the treatment of rupture of pubic symphysis] Demichev NP, et al. **Sov Med** 1985;(3):78-83 **(Rus)**

[Complete uterine inversion in labor] Radaković M. **Med Pregl** 1984;37(7-8):323-5 (Eng. Abstr.) **(Scr)**

[The reliability of using vacuum aspiration after labor] Mlynček M, et al. **Cesk Gynekol** 1984 Dec;49(10):717-20 (Eng. Abstr.) **(Slo)**

[Hepatitis following blood transfusion for obstetrical incidents] Islas Andrade SA, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec;49(4):235-8 (Eng. Abstr.) **(Spa)**

URINE

The effects of ketonuria in labour. Foulkes J, et al. **Br J Clin Pract** 1985 Feb;39(2):59-62

VETERINARY

Aspects of bacteriology and endocrinology of cows with pyometra and retained fetal membranes. Olson JD, et al. **Am J Vet Res** 1984 Nov;45(11):2251-5

Effects of gonadotrophin releasing hormone on reproductive performance of dairy cows with retained placenta. Leslie KE, et al. **Can J Comp Med** 1984 Oct;48(4):354-9

Unusual prolapse in gilts [letter] Peek IS. **Vet Rec** 1985 Jan 5;116(1):26

Intrauterine bacterial findings and release of PGF2 alpha in the postpartum dairy cow. Fredriksson G, et al. **Zentralbl Veterinarmed [A]** 1985 May;32(5):368-80

[Uterine inversion and prolapse in a cat] van der Kolk FR. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):702-7 (Eng. Abstr.) **(Dut)**

[Parenteral treatment of placental retention in cows] Varadin M, et al. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):279-89 (Eng. Abstr.) **(Ger)**

[The Munich obstetric instruments for cattle. Use during the birth of calves in VEL] Rüsse MW, et al. **Tierarztl Prax** 1985;Suppl 1:58-65 (Eng. Abstr.) **(Ger)**

[Field studies of selenium status and placental retention in cattle] Dotta U, et al. **Schweiz Arch Tierheilkd** 1985 Jul;127(7):443-7 (Eng. Abstr.) **(Ita)**

LABOR, INDUCED

see related
OXYTOCICS

Induction of labor. A double-blind randomized controlled study of prostaglandin E2 vaginal suppositories compared with intranasal oxytocin and with sequential treatment. Andreasson B, et al. **Acta Obstet Gynecol Scand** 1985;64(2):157-61

Does cervical ripening with PGE2 affect subsequent uterine activity in labour? Fenton DW, et al. **Acta Obstet Gynecol Scand** 1985;64(1):27-30

15(S)-15-methyl-prostaglandin F2 alpha used for induction of delivery in the case of intra-uterine fetal death. Osler M, et al. **Acta Obstet Gynecol Scand** 1985;64(2):131-2

Effect of oxytocin infusion during labor: indocyanin green elimination and serum bilirubin levels. Dvorácsek E, et al. **Acta Physiol Hung** 1985;65(3):289-94

Induction of human labor at term: uterine activity, inducibility, duration and neonatal jaundice. Enkola K, et al. **Acta Physiol Hung** 1985;65(3):281-8

Hydroxyethylcellulose gel as a dinoprostone vehicle [letter] Gauger LJ. **Am J Hosp Pharm** 1984 Sep;41(9):1761-2

Uterine rupture with the use of vaginal prostaglandin E2 for induction of labor. Claman P, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):889-90

The effect of vaginal administration of various doses of prostaglandin E2 gel on cervical ripening and induction of labor. Graves GR, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):178-81

Previous cesarean section: the risks and benefits of oxytocin usage in a trial of labor. Horenstein JM, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):564-9

A comparison of Lamicel and prostaglandin E2 vaginal gel for cervical ripening before induction of labor. Johnson IR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):604-7

Comparison of changes in ovine plasma chorionic somatomammotropin concentrations in the fetus and mother before spontaneous vaginal delivery at term and adrenocorticotropin-induced premature delivery. Lowe KC, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):524-7

Premature rupture of membranes at term [letter] Spinnato JA. **Am J Obstet Gynecol** 1985 Jul 1;152(5):609-10

Intracervical versus intravaginal PGE2 for induction of labor at term in patients with an unfavorable cervix. Ulmsten U, et al. **Arch Gynecol** 1985;236(4):243-8

Perinatal outcome of induced labour. Arulkumaran S, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):33-7

Characteristics of induced labour. Gibb DM, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):27-31

Differences in human plasma oxytocin, prostaglandin E1, E2 and F2 alpha levels between spontaneous and amniotomy-induced labors. Nagata I, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):513-20

Total uterine activity in induced labour--an index of cervical and pelvic tissue resistance. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):693-7

The influence of spontaneous and induced labour on the rise in prostaglandins at amniotomy. Sellers SM, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):849-52

The antiprogesterones are coming: menses induction, abortion, and labour? [editorial] Healy DL, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):580-1

Augmentation of labour in the primigravid patient. Frost O. **Ethiop Med J** 1984 Oct;22(4):193-201

Preinduction cervical ripening with prostaglandin E2: influence on psychomotor evolution in the first year. Van Pelt C, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):299-301

Lack of beta-endorphin plasma level rise in oxytocin-induced labor. Genazzani AR, et al. **Gynecol Obstet Invest** 1985;19(3):130-4

Prediction of time to delivery from start of contractions in induced labor: a life table analysis approach. Bremme K, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):225-9

Plasma prostaglandin F2 alpha and plasma 13,14-dihydro-15-keto-prostaglandin F2 alpha levels in women during induction of labor with i.v. infusion of prostaglandin F2 alpha in relation to uterine contractions. Rasmussen AB, et al. **J Perinat Med** 1985;13(1):15-21

Comparison of intravenous oxytocin and vaginal prostaglandin E2 gel in women with unripe cervixes and premature rupture of the membranes. Ekman-Ordeberg G, et al. **Obstet Gynecol** 1985 Sep;66(3):307-10

Effect of beta-mimetic tocolysis on cervical ripening and plasma prostaglandin F2 alpha metabolite after endocervical application of prostaglandin E2. Goeschen K, et al. **Obstet Gynecol** 1985 Feb;65(2):166-71

Induction of labor and cervical ripening by intracervical prostaglandin E2. Sørensen SS, et al. **Obstet Gynecol** 1985 Jan;65(1):110-4

Cervical ripening and plasma prostaglandin levels. Comparison of endocervical and extra-amniotic PGE2. Fuchs AR, et al. **Prostaglandins** 1984 Aug;28(2):217-27

Plasma concentration of 13,14-dihydro-15-keto-PGE2 (PGEM) after various ways of cervix ripening with PGE2. Husslein P, et al. **Prostaglandins** 1984 Aug;28(2):209-15

Intrapartum infusion of oxytocin and glucose water and neonatal jaundice. Singhi SC, et al. **West Indian Med J** 1984 Jun;33(2):80-3

[Effect of the intervals of labor induction and uterine-incision delivery on the status of newborn infants in cesarean section] Smilov I, et al. **Akush Ginekol (Sofiia)** 1984;23(5):404-12 (Eng. Abstr.) **(Bul)**

[Labor-inducing effect of Typha angustata in injectable form and its pharmacological properties] Geng QM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):299-300, 261 (Eng. Abstr.) **(Chi)**

[A new cervical scoring for elective induction of labor] Tao S. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):12-4, 59 (Eng. Abstr.) **(Chi)**

[Study on indications for labor induction] Yu WX. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):8-11, 59 (Eng. Abstr.) **(Chi)**

[Rupture of the uterus. Induction of labor with prostaglandin F2 alpha on account of intrauterine death in the 3rd trimester] Larsen JF, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2018-9 (Eng. Abstr.) **(Dan)**

[The value of routine cardiotocography during induced labor] Lenstrup C, et al. **Ugeskr Laeger** 1984 Sep 24;146(39):2948-50 (Eng. Abstr.) **(Dan)**

[Primary-purpose peridural analgesia in labor induction] Masliah-Planchon R, et al. **Cah Anesthesiol** 1984 Sep;32(5):403-7 (Eng. Abstr.) **(Fre)**

[A new prostaglandin E1 analog in late interruption of pregnancy, in utero deaths and very premature ruptures of the membranes. Apropos of 117 cases] Henrion R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):939-46 (Eng. Abstr.) **(Fre)**

[Cervix ripening and labor induction in therapeutic abortion in the middle and late 2d trimester using intracervical and extra-amniotic prostaglandin gel administration] Rath W, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):486-93 (Eng. Abstr.) **(Ger)**

[Resorption of prostaglandin E2 following various methods of local administration for ripening of the cervix and end the induction of labor] Reichel R, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):500-3 (Eng. Abstr.) **(Ger)**

[Supplementation of antenatal cardiotocography (nonstress test) by nipple self stimulation] Csapó Z, et al. **Zentralbl Gynakol** 1985;107(11):670-9 (Eng. Abstr.) **(Ger)**

[Effect of obstetrical manipulations on the prostaglandin content of the uterus] Gstöttner H, et al. **Zentralbl Gynakol** 1985;107(8):485-90 (Eng. Abstr.) **(Ger)**

[Preparation of the immature cervix with prostaglandin F2 alpha prior to the induction of labor] Kuhl A, et al. **Orv Hetil** 1984 Nov 4;125(45):2729-32 (Eng. Abstr.) **(Hun)**

[Local application of prostaglandin E2 for cervical maturation] Orlandi C, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep-Oct; 105(5):308-12 (Eng. Abstr.) **(Ita)**

[Premature rupture of the membranes at the end of pregnancy. Results of immediate induction of labor] Pregazzi R, et al. **Minerva Ginecol** 1984 Dec;36(12):773-5 (Eng. Abstr.) **(Ita)**

[Indications and management of uterine activity stimulation and induction of labor] Mori N, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):163-8 **(Jpn)**

[Effect of the degree of readiness of the cervix uteri on the dynamics of labor induced with prostaglandin F2 alpha] Kuźniar B, et al. **Ginekol Pol** 1984 Jul;55(7):493-8 (Eng. Abstr.) **(Pol)**

[Dosage of prostaglandin used in labor induced with prostaglandin F2 alpha] Lembrych S, et al. **Ginekol Pol** 1984 Jul;55(7):499-503 (Eng. Abstr.) **(Pol)**

[Effect of ketamine on uterine contraction after administration of oxytocin] Opacki W. **Wiad Lek** 1985 Jan 15;38(2):102-8 (Eng. Abstr.) **(Pol)**

[Use of adrenergic beta receptor blockaders for labor induction] Gerasimovich GI, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):27-30 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Oxytocin and neonatal hyperbilirubinemia. Studies of bilirubin production. Johnson JD, et al. **Am J Dis Child** 1984 Nov;138(11):1047-50

Retinal hemorrhages in the newborn following labor induced by oxytocin or dinoprostone. Schoenfeld A, et al. **Arch Ophthalmol** 1985 Jul;103(7):932-4

Neonatal hyperbilirubinemia in oxytocin augmented labour. Hamad SA, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):69-73

Effects of oxytocin-induction of labor on neonatal hyperbilirubinemia. Davis GH. **J Am Osteopath Assoc** 1984 Dec;84(4):365-7

METHODS

Uterine rupture and labor induction with prostaglandin [letter] Thiery M. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):914

Surgical induction of labour. Wong PC, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):11-5

A comparative study of methods of oxytocin administration for induction of labour. Gibb DM, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):688-92

Inducing labour with vaginally administered prostaglandin E2. Neale R. **Can Med Assoc J** 1984 Oct 15;131(8):907-8

A double blind controlled trial to study the effects of vaginal prostaglandin pessaries on induction of labour and improvement in the favourability of the cervix. Patel YA. **Clin Exp Obstet Gynecol** 1984;11(4):117-9

Breech presentation and obstetricians. Ghose N. **J Indian Med Assoc** 1984 Sep;82(9):337-9

The art of induction/augmentation of labor. Marshall C. **J Obstet Gynecol Neonatal Nurs** 1985 Jan-Feb;14(1):22-8

Cervical ripening and labor induction with intracervical triacetin base prostaglandin E2 gel: a placebo-controlled study. Nimrod C, et al. **Obstet Gynecol** 1984 Oct; 64(4):476-9

[Labor induction with and without primary low amniotomy--a comparison of the 2 methods] Iarŭkov A. **Akush Ginekol (Sofiia)** 1984;23(6):486-90 **(Bul)**

[Dexamethasone induction and preparation for labor in prolonged pregnancy] Penev I. **Akush Ginekol (Sofiia)** 1985;24(1):27-35 (Eng. Abstr.) **(Bul)**

[Ripening of the human cervix] Li WJ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):51-3 (11 ref.) **(Chi)**

[Study of labor induction methods in late pregnancy] Li WM. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):15-8, 59 (Eng. Abstr.) **(Chi)**

[Efficiency of labor induction with oxytocin in late pregnancy] Mi RR. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):19-21, 59 (Eng. Abstr.) **(Chi)**

[Preliminary review of induction and augmentation of labor with oxytocin] Xing SJ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):25-7, 60 (Eng. Abstr.) **(Chi)**

[Use of prostaglandins in the interruption of pregnancy] Havránek F. **Cesk Gynekol** 1984 Jul;49(6):439-48 **(Cze)**

[Ripening of the cervix and induction of labor at term with prostaglandin F2 alpha gel in increasing doses] Kamina P, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):115-21 (Eng. Abstr.) **(Fre)**

[Diagnosis, pregnancy monitoring and labor induction in multiple pregnancy] Bollmann R, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):943-7 **(Ger)**

[Analysis of the correlation between the dose-response curve for prostaglandin F2alpha and the progress of pregnancy, cervix ripening, pharmacologic estrogen premedication and Partusisten administration in prostaglandin-induced labor] Czekanowski R, et al. **Zentralbl Gynakol** 1985;107(2):79-83 (Eng. Abstr.) **(Ger)**

[Prostaglandins in the induction of labor] Bresadola M, et al. **Minerva Ginecol** 1985 Jan-Feb;37(1-2):1-6 (Eng. Abstr.) **(Ita)**

[Transcervical intra-amniotic induction with PgF2 alpha in missed abortion and labor in the 3d trimester of pregnancy with dead fetus. II] Rizzuto E, et al. **Minerva Ginecol** 1985 Apr;37(4):137-9 (Eng. Abstr.) **(Ita)**

VETERINARY

Increase in cervical extensibility during labor induced after isolation of the cervix from the uterus in pregnant ewes. Ledger WL, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):397-402

Effects of fluprostenol administration in mares during late pregnancy. Ousey JC, et al. **Equine Vet J** 1984 Jul; 16(4):264-9

Concentrations of 15-keto-13, 14-dihydro-prostaglandin F2 alpha in the mare during spontaneous and oxytocin induced foaling. Stewart DR, et al. **Equine Vet J** 1984 Jul; 16(4):270-4

Plasma hormone changes in cows during induced or spontaneous calvings and the early post partum period. Kaker ML, et al. **Vet Rec** 1984 Oct 13;115(15):378-82

Induction of parturition in cattle using dexamethasone and cloprostenol: economic performance and disease incidence after treatment. Murray RD, et al. **Vet Rec** 1984 Sep 22; 115(12):296-300

Segmental aplasia and hydrometra in a goat. Webb P. **Vet Rec** 1985 Jul 6;117(1):13

Routine induction of farrowing with dinoprost in a commercial sow breeding unit over a year. Young IM, et al. **Vet Rec** 1984 Nov 24;115(21):539-41

LABOR ONSET see under **LABOR**

LABOR, PREMATURE

Mode of delivery in the low birth weight fetus. Delivery by cesarean section independent of fetal lie versus vaginal delivery in vertex presentation. A study with long-term follow-up. Westgren M, et al. **Acta Obstet Gynecol Scand** 1985;64(1):51-7

Premature delivery and subsequent reproduction. Golden NL, et al. **Am J Perinatol** 1984 Jan;1(2):158-60

Gestational age and the management of preterm labor in obstetric programs. Goldenberg RL, et al. **Am J Perinatol** 1985 Jan;2(1):25-9

Delivery room management of the low birth weight infant. Martin RJ, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):636-46

A prenatal diagnosis of umbilical cord oedema made by ultrasound; a case report. Quartero HW, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):409-12

Predictive value of uterine contractility and the serum levels of progesterone and oestrogens with regard to preterm labour. Smit DA, et al. **Gynecol Obstet Invest** 1984; 18(5):252-63

Breast milk composition in relation to gestation. Kumbhat MM, et al. **Indian Pediatr** 1985 Mar;22(3):229-33

Growth factor concentrations and growth-promoting activity in human milk following premature birth. Read LC, et al. **J Dev Physiol** 1985 Apr;7(2):135-45

[Hypothalamic-pituitary function in women after abortion or premature labor] Morishita H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1807-12 (Eng. Abstr.) **(Jpn)**

[Effect of epidural analgesia in premature labor on birth injuries and respiratory disorders in premature infants] Muszyński M, et al. **Pol Tyg Lek** 1985 Mar 4;40(9):249-51 (Eng. Abstr.) **(Pol)**

[Neglect of prenatal care and its consequences] Bárdoš A, et al. **Bratisl Lek Listy** 1985 Feb;83(2):117-22 (Eng. Abstr.) **(Slo)**

BLOOD

Preterm delivery is not predicted by serial plasma estradiol or progesterone concentration measurements. Block BS, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):716-22

Effects of betamethasone on white blood cells in patients with premature rupture of the membranes and preterm labor. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):439-41

Sex steroid hormone concentrations in preterm labour and the outcome of treatment with ritodrine. Hanssens MC, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):698-702

Placental protein measurements in complicated pregnancies. III. Premature labour. Westergaard JG, et al. **Br J Obstet Gynaecol** 1984 Dec;91(12):1230-3

Serum levels of ritodrine during oral maintenance therapy. Smit DA, et al. **Gynecol Obstet Invest** 1984;18(2):105-12

[Blood levels of acute phase reactants in threatened premature labor] Fuchs V, et al. **Cesk Gynekol** 1985 May; 50(4):250-6 (Eng. Abstr.) **(Cze)**

[Blood levels of specific pregnancy protein SP1 in imminent premature delivery and in delivery post-term] Fuchs V, et al. **Cesk Gynekol** 1985 Jun;50(5):333-7 (Eng. Abstr.) **(Cze)**

[Levels of cholesterol in fetal blood in premature labor] Sabata V, et al. **Cesk Gynekol** 1984 Dec;49(10):713-6 (Eng. Abstr.) **(Cze)**

[Hemostaseologic studies of maternal blood in intrauterine retardation and threatened premature labor] Voigt T, et al. **Zentralbl Gynakol** 1985;107(6):370-80 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

RDS prophylaxis in preterm labor: corticosteroids and beta-mimetics association-indications and limits. Mansani FE, et al. **Biol Res Pregnancy Perinatol** 1984;5(4):153-6

[Role of prenatal risk factors in the development of respiratory distress syndrome in newborn infants] Belousova NA. **Akush Ginekol (Mosk)** 1984 Oct;(10):52-5 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Prediction of the preterm baby. Papiernik E. **Clin Obstet Gynaecol** 1984 Aug;11(2):315-36 (65 ref.)

DRUG THERAPY

Beta-adrenoceptor function of leukocytes in pregnant women treated with terbutaline for preterm labor. Berg G, et al. **Acta Obstet Gynecol Scand** 1984;63(6):555-61

Myotonic muscular dystrophy associated with ritodrine tocolysis. Sholl JS, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):83-6

Influence of glucocorticoid and betamimetic therapy on milk secretory IgA concentration produced by mothers delivering preterm infants. Martell M, et al. **J Perinat Med** 1985;13(2):61-5

Magnesium therapy decreased the rate of intrauterine fetal retardation, premature rupture of membranes and premature delivery in risk pregnancies treated with betamimetics. Conradt A, et al. **Magnesium** 1985;4(1):20-8

Treatment of premature labor in insulin-dependent diabetic women. Miodovnik M, et al. **Obstet Gynecol** 1985 May; 65(5):621-7

[Betamimetics and their substitutes for the treatment of premature labor] Thoulon JM, et al. **Ann Fr Anesth Reanim** 1985;4(1):66-71 **(Fre)**

[Indications and management of tocolytic treatment] Matsuura S. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan; 37(1):157-62 **(Jpn)**

ETIOLOGY

Sexuality in pregnancy and premature labour. Georgakopoulos PA, et al. **Br J Obstet Gynaecol** 1984 Sep; 91(9):891-3

Preterm delivery in tourists: the Hawaii experience. Easa D, et al. **Hawaii Med J** 1985 May;44(5):173-8

Previous experience of induced abortion as a risk factor for fetal death and preterm delivery. Park TK, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):195-202

Clinical and obstetric risk factors for preterm delivery. Berkowitz GS. **Mt Sinai J Med (NY)** 1985 Apr; 52(4):239-47

The effect of maternal measles on the fetus. Gazala E, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):203-4

Bacterial vaginosis during pregnancy. An association with prematurity and postpartum complications. Eschenbach DA, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:213-22

Causes of preterm delivery. Gravett MG. **Semin Perinatol** 1984 Oct;8(4):246-57 (73 ref.)

[Anemia in the etiology of threatened late abortion and premature labor] Mardešic T. **Cesk Gynekol** 1985 Jun; 50(5):356-9 **(Cze)**

[Paracentric inversion: a study of 2 new cases] Morichon-Delvallez N, et al. **Rev Fr Gynecol Obstet** 1985 Apr;80(5):275-7 (Eng. Abstr.) **(Fre)**

[Significance and incidence of risk factors in pre- and dysmaturity] Huber JC, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):256-60 (Eng. Abstr.) **(Ger)**

[Premature labor and intrauterine infection (letter)] **Orv Hetil** 1985 Jun 16;126(24):1508 **(Hun)**

[Treatment of a pregnant patient with advanced renal failure by repeated dialysis] Majdan M, et al. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1331-2 **(Pol)**

IMMUNOLOGY

Increased NK activity is responsible for higher cytotoxicity to HEF cells by lymphocytes of women with threatened preterm delivery. Szekeres-Bartho J, et al. **Am J Reprod Immunol Microbiol** 1985 Jan;7(1):22-6

METABOLISM

Prostanoid concentrations in maternal/fetal plasma and amniotic fluid and intrauterine tissue prostanoid output in relation to myometrial contractility during the onset of adrenocorticotropin-induced preterm labor in sheep. Olson DM, et al. **Endocrinology** 1985 Jan;116(1):389-97

MICROBIOLOGY

Risk factors for prematurity and premature rupture of membranes: a prospective study of the vaginal flora in pregnancy. Minkoff H, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):965-72

Microbiological studies during the perinatal period. An attempt to correlate selected bacterial and viral infections with intra-uterine deaths and preterm labour. Ross SM, et al. **S Afr Med J** 1984 Oct 20;66(16):598-603

OCCURRENCE

Prematurity among United States Air Force active-duty gravidas. Buttemiller R. **Milit Med** 1984 Dec;149(12):665-8

PHYSIOPATHOLOGY

Endocrinology of preterm birth. Casey ML, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):562-71

Control of myometrial function in preterm versus term labor. Garfield RE. **Clin Obstet Gynecol** 1984 Sep;27(3):572-91

PREVENTION & CONTROL

Aminophylline treatment of preterm labor. Melis GB, et al. **Acta Eur Fertil** 1984 Sep-Oct;15(5):357-61

The effect of fenoterol on fetal metabolism: cord blood studies. Kovács L, et al. **Acta Paediatr Hung** 1985; 26(1):41-7

Beta-adrenergic sensitivity--imminent premature delivery. Török I, et al. **Acta Physiol Hung** 1985;65(3):347-54

Combined use of ritodrine and magnesium sulfate for tocolysis of preterm labor [letter] Diamond MP, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):827-8

Fetal and neonatal effects of indomethacin used as a tocolytic agent. Dudley DK, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):181-4

Short-term tocolysis adjunctive to intrapartum term breech management [letter] Gimovsky ML. **Am J Obstet Gynecol** 1985 Sep 15;153(2):233

Tocolytic and hemodynamic effects of nifedipine in the ewe. Golichowski AM, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1134-40

Self-examination of the cervix in premature labor prevention [letter] Goodlin RC. **Am J Obstet Gynecol** 1985 Mar 1; 151(5):703-4

Continuous long-term intravenous beta-sympathomimetic tocolysis. Hill WC, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):271-4

Ritodrine infusion during late pregnancy: effects on fetal and placental blood flow, prostacyclin, and thromboxane. Jouppila P, et al. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1028-32

Tocolysis of eclampsia-associated uterine hypertonus [letter] Kells DN. **Am J Obstet Gynecol** 1985 Jul 1;152(5):608

Can preterm deliveries be prevented? Main DM, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):892-8

Perinatal outcome following prior delivery in the late second or early third trimester. Socol ML, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):228-31

The effect of medroxyprogesterone acetate on premature labor in the sheep. Tomasi A, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):694-700

Prevention of premature labor by 17 alpha-hydroxyprogesterone caproate. Yemini M, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):574-7

Physiologic and biochemical effects of ritodrine therapy on the mother and perinate. Hancock PJ, et al. **Am J Perinatol** 1985 Jan;2(1):1-6

Pulmonary oedema associated with tocolytic therapy [letter] Brown M, et al. **Anaesth Intensive Care** 1985 Feb; 13(1):102-3

Treatment of normotensive and hypertensive patients with preterm labor using oral nifedipine, a calcium antagonist. Ulmsten U. **Arch Gynecol** 1984;236(2):69-72

Intrauterine synechiae complicated with threatened abortion and preterm labor. Combined therapy with terbutaline and magnesium sulfate. Kawarabayashi T, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):449-55

Fatal pulmonary oedema associated with the use of ritodrine in pregnancy. Case report. MacLennan FM, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):703-5

Pharmacology of tocolytic agents. Ingemarsson I. **Clin Obstet Gynaecol** 1984 Aug;11(2):337-51

The importance of clinical trials in preterm labor. Milner RA, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):606-13

Proposals for a programmed prevention policy of preterm birth. Papiernik E. **Clin Obstet Gynecol** 1984 Sep; 27(3):614-35

Current understanding of pharmacologic mechanisms in the prevention of preterm birth. Roberts JM. **Clin Obstet Gynecol** 1984 Sep;27(3):592-605

The management of preterm labor with the calcium channel-blocking agent nifedipine combined with the beta-mimetic terbutaline. Kaul AF, et al. **Drug Intell Clin Pharm** 1985 May;19(5):369-71

Haemodynamic effects of fenoterol for labour inhibition during spinal or epidural anaesthesia. Müller H, et al. **Gynecol Obstet Invest** 1985;19(2):64-72

The prevention of preterm delivery through prenatal care: an intervention study in Martinique. Goujon H, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):339-43

Fetal surgery in the primate II. Uterine electromyographic response to operative procedures and pharmacologic agents. Nakayama DK, et al. **J Pediatr Surg** 1984 Aug; 19(4):333-9

Atrial myxoma as a complication of tocolytic therapy. A case report. Mercer LJ, et al. **J Reprod Med** 1985 Jul; 30(7):561-2

External cephalic version with tocolysis. Observations and continuing experience at the Los Angeles County/University of Southern California Medical Center. Wallace RL, et al. **J Reprod Med** 1984 Oct;29(10):745-8

Group health program to reduce the incidence of preterm deliveries. Mark PM, et al. **Minn Med** 1984 Sep; 67(9):509-10

Effects of intravenous ritodrine on lactate and pyruvate levels: role of glycemia and anaerobiosis. Cano A, et al. **Obstet Gynecol** 1985 Aug;66(2):207-10

Respiratory arrest during therapy for premature labor in a patient with myasthenia gravis. Catanzarite VA, et al. **Obstet Gynecol** 1984 Dec;64(6):819-22

Cardiovascular consequences of beta-agonist tocolysis: an echocardiographic study. Finley J, et al. **Obstet Gynecol** 1984 Dec;64(6):787-91

A five-year experience with terbutaline for preterm labor: low rate of severe side effects. Ingemarsson I, et al. **Obstet Gynecol** 1985 Aug;66(2):176-80

Premature rupture of membranes: a prospective, randomized evaluation of steroids, latent phase, and expectant management. Nelson LH, et al. **Obstet Gynecol** 1985 Jul; 66(1):55-8

Update on external cephalic version performed at term. Stine LE, et al. **Obstet Gynecol** 1985 May;65(5):642-6

Maternal liver impairment associated with prolonged high-dose administration of terbutaline for premature labor. Suzuki M, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):14S-15S

Prevention of prematurity: can we do it in America? Cole CH. **Pediatrics** 1985 Aug;76(2):310-2

Prevention of preterm births: a perinatal study in Haguenau, France. Papiernik E, et al. **Pediatrics** 1985 Aug;76(2):154-8

Mechanism and prevention of preterm birth. Fuchs AR, et al. **Prog Clin Biol Res** 1985;163B:223-30

Low birth weight and preterm birth: the emerging importance of prevention. Siegel E. **Soz Praventivmed** 1985; 30(3):118-24

The effectivity of Bricanyl (terbutaline) treatment in the prevention and management of threatening abortion and premature delivery, respectively, within the frames of outpatients' services. Tóth B, et al. **Ther Hung** 1982; 30(2):88-92

[Comparative studies of the effect of using the beta-adrenomimetics partusisten and bricanyl in tocolysis] Grigorov S. **Akush Ginekol (Sofiia)** 1984;23(5):400-3 (Eng. Abstr.) **(Bul)**

[Dynamic changes in the duration of uterine contractions during beta-adrenomimetic tocolysis in the case of an intact amniotic sac] Ivanov S. **Akush Ginekol (Sofiia)** 1984; 23(6):483-6 (Eng. Abstr.) **(Bul)**

[Dynamic changes in the mean values of systolic blood pressure during tocolysis with the beta-adrenomimetic Pre-par] Ivanov S. **Akush Ginekol (Sofiia)** 1985;24(1):40-3 (Eng. Abstr.) **(Bul)**

[Monitoring changes in the heart rate of the premature fetus during tocolysis with the beta-adrenomimetics partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(1):36-9 (Eng. Abstr.) **(Bul)**

[Monitoring changes in the reactivity of the premature fetus during tocolysis with the beta-adrenomimetics Partusisten and Pre-par] Ivanov S, et al. **Akush Ginekol (Sofiia)** 1985; 24(2):34-6 (Eng. Abstr.) **(Bul)**

[Beta-mimetics, magnesium and tocolysis (letter)] Durlach J, et al. **Ann Fr Anesth Reanim** 1985;4(4):391-2 **(Fre)**

[Verapamil and betamimetics] Taleb AL, et al. **Rev Fr Gynecol Obstet** 1984 Jun;79(6):465-7 (Eng. Abstr.) **(Fre)**

[Maternal and fetal hemodynamics under simultaneous beta stimulation and beta1 blockade in a tocolysis model. Considerations on status of the neonatal beta receptor and transplacental passage of metoprolol] Siekmann U, et al. **Arzneimittelforsch** 1984;34(9):1025-30 (Eng. Abstr.) **(Ger)**

[The effect of the beta 1-blocker metoprolol on cyclic 3',5'-adenosine monophosphate in various tissues during long-term tocolysis with fenoterol. Animal experiments on the question of the interactive effects of the principal and adverse effects of beta 2-mimetics with special regard to fetal cardioprotection] Wischnik A, et al. **Arzneimittelforsch** 1984;34(6):684-7 (Eng. Abstr.) **(Ger)**

[Hexoprenaline--a new tocolytic for treatment of premature labor] Heilmann L, et al. **Arzneimittelforschung** 1985; 35(5):857-61 (Eng. Abstr.) **(Ger)**

[Magnesium therapy in pregnancy. Pharmacologic and toxicologic aspects of magnesium supplementation and use in pre-eclampsia and threatened premature labor] Classen HG, et al. **Fortschr Med** 1984 Sep 13;102(34):841-4 (Eng. Abstr.) **(Ger)**

[Value of cervix cerclage] Hohlweg-Majert P, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):677-9 (Eng. Abstr.) **(Ger)**

[Pregnancy following repeated abortions in uterine abnormalities] Schmid J. **Gynakol Rundsch** 1984; 24(3):140-4 **(Ger)**

[Membrane rupture and tocolysis] Halberstadt E. **Gynakologe** 1984 Dec;17(4):230-5 **(Ger)**

[Acute tocolysis in labor. Physiopathology and clinical aspects of intrauterine resuscitation] Kastendieck E. **Gynakologe** 1984 Dec;17(4):265-80 **(Ger)**

[Early total operative occlusion of the cervix in anamnestic abortion and premature labor risk] Saling E. **Gynakologe** 1984 Dec;17(4):225-9 **(Ger)**

[A new long-acting Partusisten preparation for oral tocolysis--results of a multicenter study] Rausch K, et al. **Z Geburtshife Perinatol** 1984 Jul-Aug;188(4):185-90 (Eng. Abstr.) **(Ger)**

[Changes in erythrocyte P50 and its effect on O2 transport in intravenous tocolysis with fenoterol (Partusisten)] Karl C, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr; 189(2):56-64 (Eng. Abstr.) **(Ger)**

[Myoglobin behavior with hexoprenaline and beta blockade] Lechner W, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct; 188(5):226-7 (Eng. Abstr.) **(Ger)**

[Clenbuterol and fenoterol--animal experiment comparison of 2 tocolytic agents (with special reference to cardiovascular side effects)] Wischnik A, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):228-33 (Eng. Abstr.) **(Ger)**

[Use of betamimetics in performing cervical cerclage (letter)] During R, et al. **Zentralbl Gynakol** 1985;107(8):496-9 **(Ger)**

[Therapeutic efforts and prenatal modification of selected disordered fetomaternal relations] Ruckhäberle KE, et al. **Zentralbl Gynakol** 1985;107(13):803-11 (Eng. Abstr.) **(Ger)**

[Pulmonary edema under tocolytic therapy] Schreiber E, et al. **Zentralbl Gynakol** 1985;107(11):693-6 (Eng. Abstr.) **(Ger)**

[Effect of the oral beta-mimetic drug clenbuterol (Contraspasmin, Spiropent) and orally and intravenously administered Partusisten on the rheobase] Weisbach W, et al. **Zentralbl Gynakol** 1985;107(11):664-9 (Eng. Abstr.) **(Ger)**

[Dangers and complications of tocolysis] Czekanowski R. **Ginekol Pol** 1984 Sep;55(9):641-7 **(Pol)**

[Evaluation of combined treatment of cervix incompetence] Bielanów T, et al. **Wiad Lek** 1985 Apr 15;38(8):556-60 (Eng. Abstr.) **(Pol)**

[Effect of partusisten treatment on selected parameters of carbohydrate metabolism in pregnant women] Olech-Jedlikowska K, et al. **Wiad Lek** 1984 May 15; 37(10):769-75 (Eng. Abstr.) **(Pol)**

[Effect of preventive administration of glucocorticoids in premature labor on neonatal mortality of premature infants] Lebedeva IB. **Akush Ginekol (Mosk)** 1984 Oct;(10):61-2 **(Rus)**

[Premature labor] Sidel'nikova VM, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):59-63 **(Rus)**

PSYCHOLOGY

[Premature uterine contraction from the psychosomatic viewpoint. A critical literature review of methods] Thormann K, et al. **Zentralbl Gynakol** 1984;106(15):1045-67 (Eng. Abstr.) **(Ger)**

SURGERY

[Cesarean section in premature birth from the viewpoint of the neonatologist. Indications and limits] Mentzel H. **Gynakologe** 1984 Dec;17(4):243-54 **(Ger)**

THERAPY

Obstetric management of preterm labour. Howie PW, et al. **Clin Obstet Gynaecol** 1984 Aug;11(2):373-90

[Our treatment experience in premature labor using bed rest] Katsulov A, et al. **Akush Ginekol (Sofiia)** 1985;24(1):23-6 (Eng. Abstr.) **(Bul)**

[Management of premature birth] Dreher E. **Gynakol Rundsch** 1984;24 Suppl 1:116-21 **(Ger)**

[Assessment of uterine contraction with special reference to the management of threatened preterm labor] Kikuchi S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan; 37(1):151-6 **(Jpn)**

[Experience with the management of premature labor] Abramchenko VV, et al. **Akush Ginekol (Mosk)** 1984 Dec; (12):39-42 (Eng. Abstr.) **(Rus)**

URINE

[Characteristics of catecholamine metabolism in threatened premature labor] Krasnikov DG, et al. **Akush Ginekol (Mosk)** 1985 May;(5):41-4 (Eng. Abstr.) **(Rus)**

VETERINARY

Attempted induction of premature birth in sheep fed Cupressus macrocarpa. Mason RW. **Aust Vet J** 1984 Jun; 61(6):192-3

LABOR PRESENTATION

Mode of delivery in the low birth weight fetus. Delivery by cesarean section independent of fetal lie versus vaginal delivery in vertex presentation. A study with long-term follow-up. Westgren M, et al. **Acta Obstet Gynecol Scand** 1985;64(1):51-7

Abdominovaginal delivery in case of impacted head in cesarean section operation [letter] Lippert TH. **Am J Obstet Gynecol** 1985 Mar 1;151(5):703

The role of external version in the intrapartum management of the transverse lie presentation. Phelan JP, et al.

Am J Obstet Gynecol 1985 Mar 15;151(6):724-6

The association between cesarean birth and outcome in vertex presentation: relative importance of birth weight, Dubowitz scores, and delivery route. Rosen MG, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):775-9

Locked twins. Pal SK, et al. **J Indian Med Assoc** 1985 Jan; 83(1):23-5

Face presentation in Ramathibodi Hospital: a 12 years study. Herabutya Y, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:31-5

Relationship between fetal position and stillbirth in the cynomolgus monkeys (Macaca fascicularis): retrospective analysis. Cho F, et al. **J Med Primatol** 1985;14(3):169-74

Nursing, maternal postures, and fetal position. Andrews CM, et al. **Nurs Res** 1983 Nov-Dec;32(6):336-41

Intrapartum management of twin gestation. Chervenak FA, et al. **Obstet Gynecol** 1985 Jan;65(1):119-24

Obstetric factors in the causation of early periventricular--intraventricular hemorrhage. Tejani N, et al. **Obstet Gynecol** 1984 Oct;64(4):510-5

Fetal anoperineogenital images by ultrasonography--regarding the breech and transverse presentations. Doi N. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):17-25

[Fetal transverse position caused by giant leiomyoma in the lower segment of the uterus. A case report] Nel JT, et al. **S Afr Med J** 1985 Aug 31;68(5):333-4 (Eng. Abstr.) **(Afr)**

[Graphicostatistical analysis of 150 cases of the fetus in occipito-posterior position] Chen L. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):167-71, 191 (Eng. Abstr.) **(Chi)**

[Perinatal impact of the use of forceps in posterior presentations] Magnin P, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):47-53 (Eng. Abstr.) **(Fre)**

[Transverse presentation in the Maternity Department of the Habib Thameur Hospital] Maaref A, et al. **Tunis Med** 1983 Jan-Feb;61(1):57-60 (Eng. Abstr.) **(Fre)**

[Indications and technic of operative vaginal delivery in vertex presentation] Gitsch E, et al. **Zentralbl Gynakol** 1984;106(10):653-9 (Eng. Abstr.) **(Ger)**

[Analysis of very underweight newborn infants (less than 1,500 g) 1972-1982. Epidemiologic aspects, labor presentation, position and adjustment, method of delivery and mortality] Zwahr C, et al. **Zentralbl Gynakol** 1985; 107(13):812-20 (Eng. Abstr.) **(Ger)**

[Femoral fracture in a child during spontaneous delivery in the occipital position] Bosner H, et al. **Jugosl Ginekol Opstet** 1984 May-Aug;24(3-4):65-6 (Eng. Abstr.) **(Scr)**

[Characterization of the pelvic presentation] Gómez-Gómez M, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):107-14 (Eng. Abstr.) **(Spa)**

[Face presentation in fetuses at term] Sepúlveda W, et al. **Rev Chil Obstet Ginecol** 1984;49(2):104-10 (Eng. Abstr.) **(Spa)**

LABOR PRESENTATION, BREECH see **BREECH PRESENTATION**

LABOR STAGE, FIRST see under **LABOR**

LABOR STAGE, SECOND see under **LABOR**

LABOR STAGE, THIRD see under **LABOR**

LABOR UNIONS

Union busters. Ballman CS. **Am J Nurs** 1985 Sep;85(9):962-6

'Trade unionism for doctors: an idea whose time has come' by Sanford A. Marcus. ASDC forum. **ASDC J Dent Child** 1985 Mar-Apr;52(2):97-102, 148-53

Unions, employers and health services. Hicks N. **Community Health Stud** 1985;9(1 Suppl):5S-10S

Collective bargaining and organized nurses: correlation of support and participation. Beletz EE. **Int Nurs Rev** 1985 Jul-Aug;32(4):112-8

The impact of health and safety committees. A study based on survey, interview, and Occupational Safety and Health Administration data. Boden LI, et al. **J Occup Med** 1984 Nov;26(11):829-34

Behavioral intentions to join a union: instrumentality X valence, locus of control, and strike attitudes. Beutell NJ, et al. **Psychol Rep** 1984 Aug;55(1):215-22

ECONOMICS

Cost implications of hospital unionization: a behavioral analysis. Salkever DS. **Health Serv Res** 1984 Dec; 19(5):639-64

HISTORY

Collective bargaining and strikes among physicians. Keith SN. **J Natl Med Assoc** 1984 Nov;76(11):1117-21

[20 years after the founding of the Labor Union] **Orv Hetil** 1985 Jan 27;126(4):221-2 **(Hun)**

[Medical workers' trade union in occupational health care in the Bashkir ASSR in the 1930s and 1950s] Ibragimov NG. **Sov Zdravookhr** 1985;(4):60-2 **(Rus)**

LEGISLATION & JURISPRUDENCE

Some thoughts on trade unionism in medicine. Album MJ. **ASDC J Dent Child** 1985 Mar-Apr;52(2):150-1

Impact of the Trade Union Act 1984 on the BMA. Ellis N. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1637-8

ORGANIZATION & ADMINISTRATION

Trade unionism for doctors. An idea whose time has come. Marcus SA. **N Engl J Med** 1984 Dec 6;311(23):1508-11

TRENDS

The future of health care unions. Richman DA. **Hospitals** 1984 Oct 16;58(20):121-2, 125-6

Trade unionism for doctors [letter] **N Engl J Med** 1985 Apr 4;312(14):925-7

LABORATORIES

Contact urticaria in laboratory technicians working with animals. Agrup G, et al. **Acta Derm Venereol (Stockh)** 1985; 65(2):111-5

A data base approach to laboratory computerization. McDonald CJ, et al. **Am J Clin Pathol** 1985 Jun; 83(6):707-15

Development leading to the production of immunological reagents in Thailand. Petchclai B, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):339-41

Surface laboratory: its essentials and fundamentals. Baier RE. **Biomater Med Devices Artif Organs** 1984-85; 12(3-4):113-26

Computer based instruments for laboratory environments. Stundel A, et al. **Brain Res Bull** 1984 Oct;13(4):601-8

The Laboratory Information System (LIS): I-Application to the clinical chemistry laboratory. Forest JC, et al. **Clin Biochem** 1985 Apr;18(2):78-84

Laboratory instrument interface system (LIIS): a unit for the acquisition, temporary storage and transfer of data to a microcomputer. Danforth DR, et al. **Comput Biol Med** 1985;15(2):95-101

Neutron skyshine measurements at Fermilab. Cossairt JD, et al. **Health Phys** 1985 Feb;48(2):175-81

Thyroid burdens of 125I in laboratory workers [letter] Smith T, et al. **Health Phys** 1985 Jun;48(6):813-4

Disposal of laboratory-generated liquid radioactive waste [letter] Zelac RE. **Health Phys** 1985 Aug;49(2):324

Laboratory decontamination and destruction of carcinogens in laboratory wastes: some haloethers. Castegnaro M, et al. **IARC Sci Publ** 1984;(61):1-53

Automation in the biomedical laboratory. Silverman G. **IEEE Trans Biomed Eng** 1984 Dec;31(12):748-52

The laboratory and antibiotic prescribing [letter] Sturm AW. **J Antimicrob Chemother** 1985 Feb;15(2):255-6

Spacelab--the coming of age of space physiology research. West JB. **J Appl Physiol** 1984 Dec;57(6):1625-31 (27 ref.)

Microcomputer system for multistep specimen processing and reporting in a microbiology laboratory. Ashley R, et al. **J Clin Pathol** 1985 Feb;38(2):215-21

Digitisers: their use in the entry of orders, urinalysis results, and isoenzyme interpretation in a clinical biochemistry computer system. Loughlin JF, et al. **J Clin Pathol** 1984 Oct;37(10):1182-6

Estimating supply requirements for implementing a laboratory information system. Boudreau DA, et al. **J Med Syst** 1984 Aug;8(4):351-62

Smith Kline & French Laboratories, Philadelphia, Pa. Sterile Operations facility. Blackmer RA. **J Parenter Sci Technol** 1984 Sep-Oct;38(5):183-9

The role of the toxicology laboratory in emergency medicine.II: Study of an integrated approach. Hepler BR, et al. **J Toxicol Clin Toxicol** 1984-85;22(6):503-28

Sleep apnea diagnosis in a sleep laboratory. Bloxham TJ, et al. **Kans Med** 1985 Jan;86(1):15-6

Airborne transfer of contaminants in ventilated spaces. Keene JH, et al. **Lab Anim Sci** 1984 Oct;34(5):453-7

The Kanematsu Laboratories. Vincent PC. **Med J Aust** 1985 Apr 29;142(9):502-7

Profile of a successful hospital clinical parasitology laboratory. McQuay RM. **Mt Sinai J Med (NY)** 1985 May; 52(5):384-6

Laboratory guidelines for blood cultures in Papua New Guinea. Gratten M. **Papua New Guinea Med J** 1983 Sep-Dec;26(3-4):222-7

Normal and reference ranges: the myth of equality [letter] Jaynes PK. **Postgrad Med** 1985 Jan;77(1):44, 48

Office laboratory equipment. Should you consider automation? Wróblewski F. **Postgrad Med** 1984 Oct; 76(5):211-3, 216-8

Role of the clinical immunology (veterinary) laboratory in determination of immunoglobulin abnormalities. Detrick-Hooks B. **Prog Clin Biol Res** 1984;161:27-39

New army biowarfare lab raises concerns [news] Smith RJ. **Science** 1984 Dec 7;226(4679):1176-8

Automation in the clinical laboratory. Lubran MM. **Surv Synth Pathol Res** 1984;3(4):358-68

Hazards related to EM-laboratory instrumentation. Johansen BV. **Ultrastruct Pathol** 1984;7(2-3):219-25

Need for research laboratories in university hospitals. Petersson PO. **Ups J Med Sci [Suppl]** 1982;40:3-4

Diagnostic virology in a community hospital. Michalski FJ. **Yale J Biol Med** 1984 Sep-Oct;57(5):743-9

Diagnostic virology laboratory within a microbiology setting. Rubin SJ. **Yale J Biol Med** 1984 Sep-Oct;57(5):737-41

[Past, present and future of clinical laboratory practice] Kawai T. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):153-9 **(Jpn)**

[Access control system for a radioisotope laboratory with a personal computer] Nishizawa K, et al. **Radioisotopes** 1984 Nov;33(11):768-75 (Eng. Abstr.) **(Jpn)**

[Mobile laboratory for research on rush biopsies] Shmurun RI. **Arkh Patol** 1985;47(4):62-4 (Eng. Abstr.) **(Rus)**

[Protective barriers and area zoning in laboratories for maximum protection] Votiakov VI, et al. **Gig Sanit** 1984 Oct;(10):89-91 **(Rus)**

[Experience in the use of paper diagnostic tests for chemical and bacteriological studies of feces in clinical diagnostic laboratories] Mironova II. **Lab Delo** 1984;(12):719-22 (Eng. Abstr.) **(Rus)**

[Portable rapid mixer] Tishkovskii VG. **Lab Delo** 1984;(9):575 **(Rus)**

[Relations between laboratory physicians and their colleagues] Tkach IuI. **Lab Delo** 1984;(11):695-6 **(Rus)**

[The effect of artificial air ionization on the number of bacteria in the air in a bacteriology laboratory] Paunović P, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):115-8 (Eng. Abstr.) **(Scr)**

[Yield and efficiency of a cytogenetics laboratory] Youlton R, et al. **Rev Med Chil** 1984 Oct;112(10):1030-2 (Eng. Abstr.) **(Spa)**

ECONOMICS

The flexible budget process--a tool for cost containment. Pearson JR, et al. **Am J Clin Pathol** 1985 Aug;84(2):202-8

Measuring the productivity of a hospital's clinical laboratory. Paschke P, et al. **J Med Syst** 1984 Aug;8(4):265-77

Operational and financial outcomes of shared laboratory services in a consolidated hospital system. Fattal GA, et al. **JAMA** 1985 Apr 12;253(14):2076-9

Clinical laboratory responses to reduced funding. Winkelman JW, et al. **JAMA** 1984 Nov 2;252(17):2435-40

[Evaluation of the economic benefit of quality control of laboratory studies] Emel'ianova AV, et al. **Lab Delo** 1985; (4):247-8 (Eng. Abstr.) **(Rus)**

[Efficiency of automation and overall mechanization of the laboratory process] Makarovskii VV, et al. **Sov Zdravookhr** 1985;(2):27-32 **(Rus)**

HISTORY

The laboratory at Würzburg revisited. Fischer HW. **AJR** 1985 Aug;145(2):432-3

Carl Walter and the evolution of the Surgical Research Laboratory: 1937 through 1949. Tilney NL. **Am J Surg** 1984 Nov;148(5):584-9

[The Public Health Laboratory of Quebec...then and now] Robillard G, et al. **Can J Public Health** 1985 Jan-Feb; 76(1):48-52 (Eng. Abstr.) **(Fre)**

[Organization of laboratory work during World War II, 1941-1945] Kozhemiakin LA, et al. **Lab Delo** 1985; (5):259-64 **(Rus)**

MANPOWER

Medical laboratory manpower training in Hong Kong. Yan WK. **J R Soc Health** 1984 Oct;104(5):186-7

Laboratory animal technicians. Their role in stress reduction and human-companion animal bonding. Wolfle T. **Vet Clin North Am [Small Anim Pract]** 1985 Mar; 15(2):449-54

[Summation of the discussions on the problem of personnel in laboratory service] Morozova VT. **Lab Delo** 1985; (4):244-7 **(Rus)**

[Scope and type of activities of specialists of the sanitary hygienic laboratories with regard to environmental control] Belotserkovskaia LI, et al. **Sov Zdravookhr** 1984;(5):43-5 (Eng. Abstr.) **(Rus)**

ORGANIZATION & ADMINISTRATION

Education, training, professional certification, and work patterns of directors in interstate laboratories. Peddecord KM, et al. **Am J Clin Pathol** 1985 Apr;83(4):480-5

Endoscopic laboratory with laser: organization, safety, and equipment. Brown JH. **Am J Gastroenterol** 1985 Sep; 80(9):713-4

PHLS reform. Professional advisers' views over-ruled [editorial] **Br Med J [Clin Res]** 1985 Sep 7;291(6496):616

Pathology laboratories, management, and the future [letter] Farr AD. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):397

Threat to the PHLS [editorial] Howie J. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):579-80

Pathology laboratories, management, and the future: fact or fantasy? A glimpse into a crystal ball. Pennington GW. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1706-7

Threat to the PHLS [letter] Turner GC. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):787

Operational research and cost containment: a general mathematical model of a workstation. Winkel P. **Clin Chem** 1984 Nov;30(11):1758-64

Development of information system for biochemical study in central laboratory. Kambe M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):1-5

Hospital labs: close or go commercial? **Hospitals** 1985 Feb 16;59(4):68-70

Renovation plan solves hospital's lab needs. Finnegan MJ.

Hospitals 1985 Feb 16;59(4):101-2

PPS spurs changes in lab practices. Parkhurst EW Jr, et al. **Hospitals** 1985 Feb 1;59(3):49-50

Hospital blood bank laboratory data processing system. Clark IR, et al. **J Clin Pathol** 1984 Oct;37(10):1157-66

Radioimmunoassay laboratories in developing countries: common problems in establishment and suggested solutions. Piyasena RD. **Med Lab Sci** 1984 Oct;41(4):357-64

A case for a high-throughput laboratory. Singer R. **Med Lab Sci** 1985 Jan;42(1):48-52

[Computers in the hospital laboratory] Dols JL. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):254-6 (Eng. Abstr.) **(Dut)**

[Management decisions of medical directors for responding to reasonable demands in laboratory diagnosis] Ballschuh G. **Z Med Lab Diagn** 1984;25(6):349-50 **(Ger)**

[Clinical laboratory system in the computerized total hospital system—a case study on the EDP system of Tohoku University Hospital] Hiraga H. **Rinsho Byori** 1984 Dec; 32(12):1322-32 **(Jpn)**

[Immuno serological laboratory system] Itoh C. **Rinsho Byori** 1984 Dec;32(12):1301-4 **(Jpn)**

[Computer system in the clinical microbiological laboratory] Kudo H. **Rinsho Byori** 1984 Dec;32(12):1292-300 **(Jpn)**

[Some problems associated with the clinical laboratory computer system] Miura H, et al. **Rinsho Byori** 1984 Dec; 32(12):1333-8 **(Jpn)**

[Systematization of the clinical chemistry laboratory] Miura Y, et al. **Rinsho Byori** 1984 Dec;32(12):1281-91 **(Jpn)**

[Hematological laboratory system] Sakaki H, et al. **Rinsho Byori** 1984 Dec;32(12):1305-11 **(Jpn)**

[Utilization of computers in the clinical laboratory] Takahashi M, et al. **Rinsho Byori** 1984 Dec;32(12):1339-43 **(Jpn)**

[From experience in organizing inter-district centralized sanitary-hygienic laboratories] Murzov VV, et al. **Gig Sanit** 1984 Sep;(9):80-1 **(Rus)**

[Automated biochemical laboratory. IV. Automated inventory system for chemical reagents] Makarovskii VV, et al. **Lab Delo** 1984;(9):528-33 (Eng. Abstr.) **(Rus)**

[Organization of bacteriologic services in clinico-diagnostic laboratories] Morozova VT, et al. **Lab Delo** 1984;(10):626-8 (Eng. Abstr.) **(Rus)**

[Methods of increasing labor productivity in bacteriological laboratories] Polovoi AM, et al. **Lab Delo** 1984;(10):628-39 (Eng. Abstr.) **(Rus)**

[General-purpose microcomputer for medical laboratory instruments] Vil'ner GA, et al. **Med Tekh** 1984 Sep-Oct; (5):33-6 (Eng. Abstr.) **(Rus)**

[Programming of the laboratory at the primary level of health care] Somma Moreira RE. **Bol Of Sanit Panam** 1985 Feb; 98(2):164-70 (Eng. Abstr.) **(Spa)**

STANDARDS

Design of a limited-access facility and safety program for a genetic toxicology laboratory. Inmon J, et al. **Am Ind Hyg Assoc J** 1985 Jun;46(6):303-7

Medically useful criteria for analytic performance of laboratory tests. Skendzel LP, et al. **Am J Clin Pathol** 1985 Feb;83(2):200-5

Current status of the vascular laboratory in the diagnosis of deep vein thrombosis. AbuRahma AF, et al. **Angiology** 1984 Oct;35(10):659-66

Statistical uncertainties in asbestos-laboratory classification through the RICE scheme. Ogden TL. **Ann Occup Hyg** 1984;28(4):449-52

Transfer data. A proposed international standard for interlaboratory information exchange. Elevitch FR, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):496-8

Antibiotic susceptibility testing accuracy. Review of the College of American Pathologists Microbiology Survey, 1972-1983. Jones RN, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):595-601

College of American Pathologists Laboratory Improvement Programs [editorial] Langdell RD. **Arch Pathol Lab Med** 1984 Dec;108(12):947-8

Survey of serum enzyme analyses. Human tissues as a source of enzymes. Lott JA, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):949-53

Accuracy in clinical laboratories participating in regional quality control programs. Rosenbaum JM. **Arch Pathol Lab Med** 1985 Jun;109(6):485-95

Adequacy of interlaboratory precision criteria in measuring intralaboratory performance. Ehrmeyer SS, et al. **Clin Chem** 1985 Aug;31(8):1352-4

Alternative statistical approach to evaluating interlaboratory performance. Ehrmeyer SS, et al. **Clin Chem** 1985 Jan; 31(1):106-8

Computer program for quality control, especially suited for the small laboratory [letter] Pandin M. **Clin Chem** 1985 Jan;31(1):166-7

External quality assessment of laboratory performance in haematology in Belgium: analysis of two and a half years' experience. De Leenheer AP, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):95-103

Analysis of assay errors in drug measurements from the Heathcontrol interlaboratory quality assessment schemes. Wilson JF, et al. **Clin Chim Acta** 1984 Nov 30;143(3):203-16

Improved standardization in the quantitative estimation of soluble immune complexes making use of an international reference preparation. Results of a collaborative multicentre study. Nydegger UE, et al. **Clin Exp Immunol** 1984 Nov;58(2):502-9

The UK national external quality assessment scheme in blood group serology. Compatibility testing 1981-1982: performance and practice. Holburn AM, et al. **Clin Lab Haematol** 1984;6(4):325-40

World health organisation inter-laboratory comparison study in 12 countries on quality performance of nuclear medicine imaging devices. Volodin V, et al. **Eur J Nucl Med** 1985; 10(5-6):193-7

Digital monitoring system for a radioisotope laboratory using a personal computer. Nishizawa K, et al. **Health Phys** 1985 Jul;49(1):88-91

International Federation of Clinical Chemistry (IFCC). Scientific Committee, Analytical Section. IFCC/WHO principles and recommendations on evaluation of diagnostic reagent sets used in health laboratories with limited resources. Part 3. Selection and evaluation using reference materials. General considerations. Logan JE, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):573-82

International Federation of Clinical Chemistry, Scientific Committee, Analytical Section: evaluation of performance of diagnostic reagent sets used in health laboratories with limited resources. Appendix A: Glucose. Logan JE, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):827-44

Misuse and interlaboratory test reproducibility of API 20E system. Holmes B, et al. **J Clin Pathol** 1985 Aug; 38(8):937-41

Discussion of 'procedures and responsibilities in forensic toxicology--to what extent are they the results of laboratory facilities?' [letter] Rajs J, et al. **J Forensic Sci** 1985 Jan;30(1):8-9

Does the consensus mean represent a suitable reference value in T3, T4, TSH interlaboratory surveys? Pilo A, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):303-6

SI units for clinical laboratory data. Council on Scientific Affairs. **JAMA** 1985 May 3;253(17):2553-4

Crisis in drug testing. Results of CDC blind study. Hansen HJ, et al. **JAMA** 1985 Apr 26;253(16):2382-7

A rapid-return regional quality assurance scheme for coagulation. George AJ. **Med Lab Sci** 1984 Jul;41(3):219-25

External quality assessment: the effect and implications of favourable treatment of EQA samples. Rumley AG. **Med Lab Sci** 1984 Jul;41(3):295-8

Performance of laboratories in testing for rabies virus--United States. **MMWR** 1985 Feb 1;34(4):59-62

External quality assessment for clinical microbiological laboratories in Norway 1983. Lassen J, et al. **NIPH Ann** 1984 Jun;7(1):29-37

Proper design enhances effectiveness of lab fume hoods. Burton DJ. **Occup Health Saf** 1984 Sep;53(8):72-3

[Comparability of the results of studies on complement-fixation reactions in toxoplasmosis in laboratories in Czechoslovakia in 1982] Fröhbauer Z, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Jul;33(4):228-31 (Eng. Abstr.) **(Cze)**

[Risks of coproculture in parasitology (letter)] Guiguen C, et al. **Ann Biol Clin (Paris)** 1984;42(4):321 **(Fre)**

[Interlaboratory variation in the prenatal screening test for neural tube closing defects] Braoudakis G, et al. **Soz Praventivmed** 1984;29(4-5):207-8 (Eng. Abstr.) **(Fre)**

[Considerations on a regional inter-laboratory quality control program for the determination of blood levels of lead] Cicchella G, et al. **Med Lav** 1984 Nov-Dec;75(6):437-42 (Eng. Abstr.) **(Ita)**

[Evaluation of results in the identification of various aerobic gram-negative bacteria in selected bacteriological laboratories in Poland] Kałużewski S, et al. **Med Dosw Mikrobiol** 1984;36(3):153-77 (Eng. Abstr.) **(Pol)**

[Extralaboratory control of tuberculosis microbiology laboratories with regard to the quality of diagnostic media] Janowiec M, et al. **Pneumonol Pol** 1985 Jan;53(1):57-8 **(Pol)**

[Replacing the carcinogenic agent benzidine with a safe reagent for sanitary control] Iogannsen MG. **Gig Sanit** 1985 May;(5):75-7 **(Rus)**

[Quality control of cytological studies] Emel'ianova AV, et al. **Lab Delo** 1984;(11):696-8 (Eng. Abstr.) **(Rus)**

[Quality control of biochemical studies in Grodno Oblast] Iurgilevich VP, et al. **Lab Delo** 1985;(3):182-3 **(Rus)**

[Quality control of laboratory studies in Kiev] Solntseva NM, et al. **Lab Delo** 1984;(10):639-40 **(Rus)**

[Results of inspection of bacteriological laboratories with regard to identification of Mycobacteria] Otten TF, et al. **Probl Tuberk** 1985;(1):60-4 (Eng. Abstr.) **(Rus)**

[Work standardization of personnel of bacteriological laboratories of dermato-venereological dispensaries (estimated time norms for individual microbiological tests] Iatsukha MV. **Vestn Dermatol Venerol** 1984 Oct;(10):33-6 (Eng. Abstr.) **(Rus)**

SUPPLY & DISTRIBUTION

[Identification of proposed laboratories for leptospirosis surveillance at the regional and multiregional levels] Castelletto M, et al. **Boll Ist Sieroter Milan** 1984 Jul 31; 63(3):243-8 (Eng. Abstr.) **(Ita)**

UTILIZATION

A study of workload units in five microbiology laboratories. Cartwright RY, et al. **J Clin Pathol** 1985 Feb;38(2):208-14

The generation and utilization of bacteriology information by members of the health care team. Dixon CM, et al. **J Hosp Infect** 1984 Dec;5 Suppl A:63-8

[Laboratory diagnostic examinations of male adolescents in outpatient clinics and hospitals] Borodin SE. **Lab Delo** 1985;(1):10-3 (Eng. Abstr.) **(Rus)**

LABORATORIES, DENTAL

Hydrofluoric acid burns. White JW Jr. **Cutis** 1984 Sep; 34(3):241-4

Symposium on semiprecision attachments in removable partial dentures. Laboratory procedures. Pomerantz S. **Dent Clin North Am** 1985 Jan;29(1):171-83

Clinic simulation and preclinical performance. Green TG, et al. **J Dent Educ** 1984 Dec;48(12):665-8

Airborne microorganisms collected in a preclinical dental laboratory. Pagniano RP, et al. **J Dent Educ** 1985 Sep; 49(9):653-5

Prosthodontic laboratory and curriculum survey. Part III: Fixed prosthodontic laboratory survey. Aquilino SA, et al. **J Prosthet Dent** 1984 Dec;52(6):879-85

The relationship between open margins and margin designs on full cast crowns made by commercial dental laboratories. Dedmon HW. **J Prosthet Dent** 1985 Apr; 53(4):463-6

Prosthodontic laboratory and curriculum survey. Part IV: Fixed prosthodontic curriculum survey. Taylor TD, et al. **J Prosthet Dent** 1985 Feb;53(2):267-70

Prosthodontic survey. Part I: Removable prosthodontic laboratory survey. Taylor TD, et al. **J Prosthet Dent** 1984 Oct;52(4):598-601

[Experience in introducing individual casting in the orthodontic establishments of Transcarpathia] Gorzov IP, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):53-5 (Eng. Abstr.) **(Rus)**

ECONOMICS

Laboratory costs of cobalt-chromium partial dentures. Barsby MJ, et al. **Br Dent J** 1984 Nov 24;157(10):365-7

STANDARDS

The Australian Dental Standards Laboratory in 1984. Beech DR, et al. **Aust Dent J** 1984 Oct;29(5):283-90

LABORATORY ANIMALS see **ANIMALS, LABORATORY**

LABORATORY DIAGNOSIS see **DIAGNOSIS, LABORATORY**

LABORATORY INFECTION

COMPLICATIONS

Ear involvement in human brucellosis. Elidan J, et al. **J Laryngol Otol** 1985 Mar;99(3):289-91

DIAGNOSIS

Xenodiagnosis of laboratory acquired dengue infection by mosquito inoculation & immunofluorescence. Ilkal MA, et al. **Indian J Med Res** 1984 May;79:587-90

ETIOLOGY

Suppurative flexor tenosynovitis after accidental self-inoculation with Streptococcus pneumoniae type I. Little JS, et al. **JAMA** 1984 Dec 7;252(21):3003-4

Mediastinal and supraclavicular lymphadenitis and pneumonitis due to Chlamydia trachomatis serovars L1 and L2. Bernstein DI, et al. **N Engl J Med** 1984 Dec 13; 311(24):1543-6

[Q fever infection probably caused by a human placenta] Ossewaarde JM, et al. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2258-60 (Eng. Abstr.) **(Dut)**

HISTORY

[Remembrance of a tragic urologic incident occurring in Barcelona in 1913] Gausa Raspall P. **Actas Urol Esp** 1985; Spec No:13-8 **(Spa)**

IMMUNOLOGY

IgA response during accidental infection with Shigella flexneri [letter] van Bohemen CG, et al. **Lancet** 1985 Sep 21;2(8456):673

OCCURRENCE

Infections acquired in clinical laboratories in Utah. Jacobson JT, et al. **J Clin Microbiol** 1985 Apr;21(4):486-9

Infections in British clinical laboratories, 1982-3 Grist NR, et al. **J Clin Pathol** 1985 Jul;38(7):721-5

[Hantavirus infections in the Netherlands] Osterhaus AD, et al. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2461-2 **(Dut)**

PREVENTION & CONTROL

Heated sera and laboratory tests [letter] Vas SI, et al. **Ann Intern Med** 1985 Aug;103(2):308

Hepatitis B and laboratory tests [letter] Evans DI. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):278-9

Q fever and experimental sheep. From the International Council for Laboratory Animal Science. Grant CG, et al.

Infect Control 1985 Mar;6(3):122-3

[Protective barriers and area zoning in laboratories for maximum protection] Votiakov VI, et al. **Gig Sanit** 1984 Oct;(10):89-91 **(Rus)**

TRANSMISSION

[Experimental animal information file: hemorrhagic fever with renal syndrome] Kawamata J. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1526-8 **(Jpn)**

[Experimental animal information file: etiology of hemorrhagic fever with renal syndrome] Kawamata J. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2450-2 **(Jpn)**

LABYRINTH

Experimental investigation of temperature gradients in the inner ear following argon laser exposure. Ricci T, et al. **J Laryngol Otol** 1985 Apr;99(4):359-62

Identification of endolymphatic sac tumors [letter] Hassard AD. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):445

[The in vitro system in internal ear research] Anniko M. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):413-23 (96 ref.) (Eng. Abstr.) **(Ger)**

ABNORMALITIES

Genetic factors affecting hearing development. Steel KP, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:48-56 (61 ref.)

Four variations of the Mondini inner ear malformations as seen in microdissections. Johnsson LG, et al. **Am J Otolaryngol** 1984 Jul-Aug;5(4):242-57

An ultrastructural analysis of abnormal otic development in exencephalic mutant mice. Wilson DB. **Arch Otorhinolaryngol** 1985;241(2):203-8

Inner ear anomalies in Waardenburg's syndrome associated with Hirschsprung's disease. Rarey KE, et al. **Int J Pediatr Otorhinolaryngol** 1984 Dec;8(2):181-9

Congenital neural hearing-loss due to inner ear malformation. Brama I. **J Laryngol Otol** 1985 Mar;99(3):293-5

X-linked mixed hearing loss: four case studies. Bento RF, et al. **Laryngoscope** 1985 Apr;95(4):462-8

[Clinical, audiological and radiological correlations in internal ear abnormalities] Marie P, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):439-42 (Eng. Abstr.) **(Fre)**

ANALYSIS

Analysis of trace elements in the human labyrinth by using proton microprobe. Krmpotić-Nemanić J, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):466-8

Retinol and retinyl ester in separated structures of the guinea pig inner ear. Biesalski HK. **Int J Vitam Nutr Res** 1984;54(2-3):113-8

Secretory immunoglobulin A in the human endolymphatic sac. An immunohistochemical study. Arnold W, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):286-8

Recent advances in laser microprobe mass analysis (LAMMA) of inner ear tissue. Meyer zum Gottesberge-Orsulakova A, et al. **Scan Electron Microsc** 1985;(Pt 1):393-405

ANATOMY & HISTOLOGY

Measurements and descriptive study of the osseous labyrinth in newborns. Niżankowski C, et al. **Folia Morphol** 1984;43(4):289-94

Structure of the barn owl's (Tyto alba) inner ear. Smith CA, et al. **Hear Res** 1985 Mar;17(3):237-47

The relationship of the spiral turns of the cochlea and the length of the basilar membrane to the range of audible frequencies in ground dwelling mammals. West CD. **J Acoust Soc Am** 1985 Mar;77(3):1091-101

Is the endolymphatic sac always accessible? Feghali JG, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):21-3

A glycol methacrylate method for the routine histologic evaluation of rat inner ear. Myhre JL, et al. **Stain Technol** 1985 Mar;60(2):63-8

[Hormone-producing (paracrine) cells in the human labyrinth] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):359-63 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Vascularity of endolymphatic sac in Meniere's disease. A histopathological study. Ikeda M, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1985 Jul-Aug;118:6-10

Primary culture of capillary endothelial cells from the spiral ligament and stria vascularis of bovine inner ear. Retention of several endothelial cell properties in vitro. Bowman PD, et al. **Cell Tissue Res** 1985;241(3):479-86

[Measurement of inner ear circulation using radioactive indicators] Friedrich G, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):214-6 (Eng. Abstr.) **(Ger)**

[Role of reflex from the vertebral artery on the blood supply of the internal ear] Aleksandrov IuG, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):35-7 (Eng. Abstr.) **(Rus)**

[Acute cochleovestibular dysfunction caused by spasm of the internal auditory artery] Mitin IuV, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):65-6 **(Rus)**

CYTOLOGY

Dissociated single cells from the inner ear: strial cells. Lim DJ, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):153-62

The cell coat of inner ear sensory and supporting cells as demonstrated by ruthenium red. Slepecky N, et al. **Hear Res** 1985 Mar;17(3):281-8

Free-floating cells in the endolymphatic sac after surgical utricular nerve section. Yamane H, et al. **ORL J Otorhinolaryngol Relat Spec** 1984;46(6):289-93

DRUG EFFECTS

Mechanism of protective effect of fosfomycin against aminoglycoside ototoxicity. Ohtani I, et al. **Auris Nasus Larynx** 1984;11(3):119-24

Effects of gangliosides (Cronassial) on vestibular temporary threshold shift and on some parameters of labyrinthine function. Fiorini L, et al. **Br J Clin Pract** 1984 Sep;38(9):320-1, 330

Accumulation of drugs on inner ear melanin. Therapeutic and ototoxic mechanisms. Wästerström SA. **Scand Audiol [Suppl]** 1984;23:1-40

[Modulating action of barium and other ions on the sensory activity of frog labyrinth] Rossi ML, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):395-401 (Eng. Abstr.) **(Ita)**

[Evaluation of ototoxic effect of micronomicin by intravenous drip infusion] Akiyoshi M, et al. **Jpn J Antibiot** 1985 Feb;38(2):203-11 (Eng. Abstr.) **(Jpn)**

[Evaluation and mechanism of ototoxicity of aminoglycoside antibiotics injected into the facial nerve. An experimental study] Aikawa T. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):981-91 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

Neurotrophic interactions during in vitro development of the inner ear. Van de Water TR, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):558-64

Formation and maturation of the vestibular ganglion. Anniko M. **ORL J Otorhinolaryngol Relat Spec** 1985;47(2):57-65

[A histogenetic study of the inner ear in the human embryo and fetus--innervation and differentiation of the sensory epithelium] Sonobe N. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):330-7 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Carbonic anhydrase activity in the inner ear. Hsu CJ, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1985;418:1-42 (141 ref.)

GROWTH & DEVELOPMENT

Strategies and problems for future studies of auditory development. Rubel EW. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:114-28

Perpetual production of hair cells and maturational changes in hair cell ultrastructure accompany postembryonic growth in an amphibian ear. Corwin JT. **Proc Natl Acad Sci USA** 1985 Jun;52(11):3911-5

IMMUNOLOGY

Evidence of serum antibodies against inner ear tissues in the blood of patients with certain sensorineural hearing disorders. Arnold W, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):437-44

Elaboration of systemic immunity following inner ear immunization. Harris JP, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):148-52

Inner ear immunology. Mogi G, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):142-7

Appearance of H and B antigens in primary sensory cells of the rat olfactory apparatus and inner ear. Mollicone R, et al. **Brain Res** 1985 Jan;349(1-2):275-9

[Serum antibodies against corneal and internal ear tissues in Cogan's syndrome] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):428-32 (Eng. Abstr.) **(Ger)**

[Qualitative detection of immunoglobulins in the human endolymphatic sac] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):464-7 (Eng. Abstr.) **(Ger)**

[Immunopathology of the inner ear] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):1-8 (Eng. Abstr.) **(Ger)**

INJURIES

Inner ear barotrauma. Takahashi S. **Bull Tokyo Med Dent Univ** 1985 Mar;32(1):19-30

Conservative management of inner ear barotrauma resulting from scuba diving. Parell GJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):393-7

Damage to the middle ear and the inner ear in underwater divers. Money KE, et al. **Undersea Biomed Res** 1985 Mar;12(1):77-84

INNERVATION

Communicatory routes connecting the middle ear, the inner ear and the subarachnoid space via perineural space. Watanabe I, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):428-36

Presynaptic actions of cholinergic agents upon the hair cell-afferent fiber synapse in the vestibular labyrinth of the frog. Bernard C, et al. **Brain Res** 1985 Jul 15;338(2):225-36

Quantitative and morphological studies on the plasticity of mixed synapses as exemplified by clear, spherical vesicles. Saballus R, et al. **J Hirnforsch** 1984;25(6):593-601

Ultrastructural features of the myelin sheath of Scarpa's ganglion cells in the adult guinea pig. Penna M, et al. **J Laryngol Otol** 1985 Apr;99(4):363-7

Morphophysiological studies of the mammalian vestibular labyrinth. Goldberg JM, et al. **Prog Clin Biol Res** 1985;176:231-45 (37 ref.)

METABOLISM

Aspects of vitamin A metabolism in sensory epithelia (inner ear, olfactory bulbus, pineal gland). Biesalski HK. **Int Z Vitam Ernahrungsforsch [Beih]** 1985;27:225-45

[Histochemical and immunohistochemical identification of endocrine cells in the internal ear] Soldatov IB, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):80-1 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Endolymphatic duct and sac in patients with Meniere's disease. A temporal bone histopathological study. Ikeda M, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):540-6

Effects of influenza infection, aspirin, and an arginine-deficient diet on the inner ear in Reye's syndrome. Rarey KE, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):551-7

Endolymphatic hydrops in guinea pigs after cauterizing the sac with silver nitrate. Yazawa Y, et al. **Arch Otolaryngol** 1985 May;111(5):301-4

The endolymphatic sac in the Mondini disorder. Gussen R. **Arch Otorhinolaryngol** 1985;242(1):71-6

Freeze-fracture studies on the perilymph-endolymph barrier in experimentally induced hydrops. Jahnke K, et al. **Arch Otorhinolaryngol** 1985;241(2):175-81

The ferret as a model for inner ear research. Rarey KE. **Lab Anim Sci** 1985 Jun;35(3):238-41

Intralabyrinthine acoustic neurinomas. Babin RW, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):455-61

PHYSIOLOGY

Postural responses evoked by sinusoidal galvanic stimulation of the labyrinth. Influence of head position. Hlavacka F, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):107-12

Post-labyrinthectomy balance compensation with preplacement of cerebellar vermis lesion. Igarashi M, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):452-8

Development of the place principle. Rubel EW, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):609-15

Tonic facilitatory influences of dorsal pontine reticular structures on the response gain of limb extensors to sinusoidal labyrinth and neck stimulations. D'Ascanio P, et al. **Arch Ital Biol** 1985 May;123(2):101-32

Computer simulation of an ideal lateral inhibition function. Rozsypal AJ. **Biol Cybern** 1985;52(1):15-22

The participation of forelimb flexors in labyrinth and neck reflexes in the decerebrate cat. Conway BA, et al. **Brain Res** 1984 Nov 19;322(1):148-51

Tonic cervical influences on eye nystagmus following hemilabyrinthectomy: immediate and plastic effects. Pettorossi VE, et al. **Brain Res** 1984 Dec 17;324(1):11-9

On the role of vestibulo-ocular reflex plasticity in recovery after unilateral peripheral vestibular lesions. Maioli C, et al. **Exp Brain Res** 1985;59(2):267-72

Mechanics of the basilar membrane in Caiman crocodilus. Wilson JP, et al. **Hear Res** 1985 Apr;18(1):1-14

The effect of labyrinthectomy on flash-induced nystagmus (FIN). Verhagen WI, et al. **Int J Neurosci** 1985 Apr;26(1-2):67-73

Structural implications of basilar membrane compliance measurements. Miller CE. **J Acoust Soc Am** 1985 Apr;77(4):1465-74

Responses of Renshaw cells coupled with hindlimb extensor motoneurons to sinusoidal stimulation of labyrinth receptors in the decerebrate cat. Pompeiano O, et al. **Pflugers Arch** 1985 Mar;403(3):245-57

Influence of Renshaw cells on the response gain of hindlimb extensor muscles to sinusoidal labyrinth stimulation. Pompeiano O, et al. **Pflugers Arch** 1985 May;404(2):107-18

[Internal ear biology] **Arch Otorhinolaryngol [Suppl]** 1984;2:69-85 **(Ger)**

[Thermal reaction of the labyrinth in weightlessness in space. Reflections on the theory of Bárány] Scherer H. **Arch Otorhinolaryngol [Suppl]** 1984;2:27-46 **(Ger)**

[Postural aberrations caused by sinusoidal galvanic stimulation of the labyrinths during various postural positions] Křižková M, et al. **Bratisl Lek Listy** 1985 Jul;84(1):11-8 (Eng. Abstr.) **(Slo)**

PHYSIOPATHOLOGY

Testing of otolith function. Takeda T, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:86-90

Another function of the inner ear: facilitation of the emetic response to poisons. Money KE, et al. **Aviat Space Environ Med** 1983 Mar;54(3):208-11

Fractionation of the cataleptic bracing response in rats. Pellis SM, et al. **Physiol Behav** 1985 May;34(5):815-23

Task-dependent rate of recovery from hemilabyrinthectomy: an analysis of swimming and locomotor performances. Petrosini L. **Physiol Behav** 1984 Nov;33(5):799-804

[Hormonal control of the inner ear. Fiction or reality?] Mees K. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):626-32 (Eng. Abstr.) **(Ger)**

[Labyrinthine and extralabyrinthine mechanisms of the development of motion sickness in weightlessness] Egorov AD, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr; 19(2):4-11 (35 ref.) (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Delayed effects of ionizing radiation on the ear. Bohne BA, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):818-28

[Damage to inner ear function caused by the effect of ionizing rays] Strohm M, et al. **HNO** 1985 Jan;33(1):26-9 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

[High resolution computer tomography of the middle and inner ear] Köster O, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):488-93 (Eng. Abstr.) **(Ger)**

SURGERY

Surgical procedure and implanted material description. Lacombe H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 411:20-4

Placebo effect in surgery for Meniere's disease: a three-year follow-up study of patients in a double blind placebo controlled study on endolymphatic sac shunt surgery. Bretlau P, et al. **Am J Otol** 1984 Oct;5(6):558-61

Cochlear endolymphatic shunt. Schuknecht HF. **Am J Otol** 1984 Oct;5(6):546-8

Endolymphatic fistulization. Austin DF. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):534-9

Endolymphatic sac surgery for Meniere's disease: a composite study of 339 cases. Huang TS, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1082-6

Recovery of vestibulospinal balance function after unilateral labyrinthectomy in patients with Ménière's disease. Kaga K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985; 47(4):194-8

Vestibular training after sudden loss of vestibular functions. Takemori S, et al. **ORL J Otorhinolaryngol Relat Spec** 1985; 47(2):76-83

Effect of spinal cord transection on spontaneous activity recorded from type I neurons of the medial vestibular nucleus in compensated hemilabyrinthectomized gerbils. Clegg TJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun; 93(3):414-8

Retrolabyrinthine surgery: a direct approach to the cerebellopontine angle. Silverstein H, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):462-9

Surgery and sensorineural hearing loss. Sataloff RT. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):223-30

ULTRASTRUCTURE

Surface morphology of the inner sulcus and related epithelial cells of the cochlea following acoustic trauma. Hamernik RP, et al. **Hear Res** 1984 Nov;16(2):143-60

The saccus endolymphaticus in the rabbit. Further studies. Adlington P. **J Laryngol Otol** 1984 Sep;98(9):857-77

The freeze fracture technique in inner ear research. Anniko M, et al. **Scan Electron Microsc** 1984;(Pt 4):2067-75

Parameters of growth in the embryonic and neonatal chick basilar papilla. Cotanche DA, et al. **Scan Electron Microsc** 1985;(Pt 1):407-17

On the frog amphibian papilla. Lewis ER. **Scan Electron Microsc** 1984;(Pt 4):1899-913

LABYRINTH DISEASES

Classification of endolymphatic hydrops. Schuknecht HF. **Am J Otol** 1984 Oct;5(6):528

CHEMICALLY INDUCED

Protective effect of fosfomycin against aminoglycoside ototoxicity. Ohtani I, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):42-8

[Cochlear toxicity of erythromycin in elderly patients] Hugues FC, et al. **Therapie** 1984 Sep-Oct;39(5):591-4 (Eng. Abstr.) **(Fre)**

[The vestibular system in patients with the so-called toxic syndrome] Gavilán C, et al. **An Otorrinolaringol Ibero Am** 1985;12(4):341-51 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Sudden hearing loss: membrane rupture. Harris I. **Am J Otol** 1984 Oct;5(6):484-7

Space motion sickness: etiological hypotheses and a proposal for diagnostic clinical examination. Leigh RJ, et al. **Aviat Space Environ Med** 1985 May;56(5):469-73

The dizzy patient. Baldwin RL. **Hosp Pract [Off]** 1984 Oct; 19(10):151-60, 162

[Angiomatous malformation of the inner auditory canal with the leading symptoms of vertigo and tinnitus] Penkert G, et al. **HNO** 1985 Jan;33(1):17-22 (Eng. Abstr.) **(Ger)**

[Long-term follow-up of Cogan's syndrome. Vestibuloauditory symptoms and steroid therapy] Saito R, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec; 87(12):1672-7 (Eng. Abstr.) **(Jpn)**

[Selected problems in the treatment of cochlear deafness by electric stimulation] Latkowski B. **Otolaryngol Pol** 1984; 38(2):107-19 (Eng. Abstr.) **(Pol)**

[Otogenic brain abscess with spontaneous rupture into the middle ear] Mukhitdinov ShM. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):69-70 **(Rus)**

DIAGNOSIS

Tests for autoimmune disease in otology. McCabe BF, et al. **Am J Otol** 1984 Oct;5(6):447-9

New imaging tests for otology. Valvassori GE. **Am J Otol** 1984 Oct;5(6):434-7

Adaptation of the acoustic reflex. Fowler CG, et al. **Ear Hear** 1984 Sep-Oct;5(5):281-8 (44 ref.)

Small cerebellar strokes may mimic labyrinthine lesions. Huang CY, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar; 48(3):263-5

Caloric tests. Hart CW. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):662-70

[Clinical experiences with the vertical writing test] Stoll W. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):517-20 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Cephadol in the treatment of patients with Méniére's disease and labyrinthopathies] Vasil'eva VP, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):28-31 (Eng. Abstr.) **(Rus)**

[Cogan's syndrome. Recovery from sudden hearing loss after prompt treatment with corticosteroids] Sabaté Casellas J, et al. **Med Clin (Barc)** 1985 May 4;84(17):694-6 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Vestibular disorders caused by defective enzyme mechanisms in the small intestine. Mangabeira-Albernaz PL, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):330-5

Labyrinthine ossification secondary to childhood bacterial meningitis: implications for cochlear implant surgery. Becker TS, et al. **AJNR** 1984 Nov-Dec;5(6):739-41

Epidermal cysts of temporal fossa: an unusual complication of ear surgery. Tovi F, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):162-4

Auditory evoked potential alterations induced by pulsed ultrasound. Moore PJ, et al. **Arch Otolaryngol** 1985 May; 111(5):309-14

Endolymphatic hydrops in guinea pigs after cauterizing the sac with silver nitrate. Yazawa Y, et al. **Arch Otolaryngol** 1985 May;111(5):301-4

[Early and late reaction of the guinea pig cochlea to impulse noise] Meyer C, et al. **Anat Anz** 1985;158(1):5-12 (Eng. Abstr.) **(Ger)**

[Postural nystagmus and other otoneurologic symptoms in temporary cerebrovascular disorders] Tanchev KS. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):25-8 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Type II collagen-induced autoimmune inner ear lesions in guinea pigs. Yoo TJ, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1984 Sep-Oct;113:3-5

Antibody activity in perilymph from rats with type II collagen-induced autoimmune inner ear disease. Yoo TJ, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1984 Sep-Oct; 113:1-2

Immunologic and electrophysiological response to cytomegaloviral inner ear infection in the guinea pig. Harris JP, et al. **J Infect Dis** 1984 Oct;150(4):523-30

[Serum antibodies against corneal and internal ear tissues in Cogan's syndrome] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):428-32 (Eng. Abstr.) **(Ger)**

[Immunopathology of the inner ear] Arnold W, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):1-8 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

[Nasal infection of the domestic cat with feline herpesvirus as an animal model of experimental viral labyrinthitis] Falser N. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug; 63(8):424-7 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Cochlear changes after herpes simplex virus infection. Nomura Y, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr; 99(3-4):419-27

European programme on functional histopathology of the human audio-vestibular organ. Iurato S, et al. **Audiology** 1984;23(5):520-4

Applications of scanning electron microscopy and X-ray microanalysis in inner ear pathology. Anniko M, et al. **Scan Electron Microsc** 1985;(Pt 1):345-55

[Labyrinthine hearing disorders] **Arch Otorhinolaryngol [Suppl]** 1984;2:1-26 **(Ger)**

PHYSIOPATHOLOGY

Changes in EP and inner ear ionic concentrations in experimental endolymphatic hydrops. Cohen J, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):398-402

Intervestibular integration and its clinical consequences. Fluur E. **Acta Otolaryngol (Stockh)** 1985 May-Jun; 99(5-6):577-87

Deformed colour images at vestibular provocation. Kumanova MD. **Acta Otorhinolaryngol Belg** 1984; 38(5):523-9

Vestibulo-ocular reflexes in peripheral labyrinthine lesions: I. Unilateral dysfunction. Honrubia V, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):15-26

Vestibulo-ocular reflexes in peripheral labyrinthine lesions: II. Caloric testing. Honrubia V, et al. **Am J Otolaryngol** 1984 Mar-Apr;5(2):93-8

Measurement of action potential thresholds in experimental endolymphatic hydrops. Morizono T, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):191-4

Hearing loss in experimental cytomegalovirus infection of the guinea pig inner ear: prevention by systemic immunity. Woolf NK, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug; 94(4 Pt 1):350-6

Cogan's syndrome: audiovestibular involvement and prognosis in 18 patients. McDonald TJ, et al. **Laryngoscope** 1985 Jun;95(6):650-4

Correlation between vestibular and cochlear measures in internal ear disorders. Tsalighopoulos MG, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):207-15

Task-dependent rate of recovery from hemilabyrinthectomy: an analysis of swimming and locomotor performances. Petrosini L. **Physiol Behav** 1984 Nov;33(5):799-804

[Fluctuating vestibular deficit--a new Ménière disease related internal ear disorder] Schmidt CL. **HNO** 1984 Aug; 32(8):326-9 (Eng. Abstr.) **(Ger)**

[Hormonal control of the inner ear. Fiction or reality?] Mees K. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):626-32 (Eng. Abstr.) **(Ger)**

[Microcirculatory studies in vascular labyrinthopathies: conjunctival biomicroscopy and retinal fluoroangiography] Galioto G, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct; 4(5):619-28 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Pneumolabyrinth after temporal bone fracture: documentation by high-resolution CT. Lipkin AF, et al. **AJNR** 1985 Mar-Apr;6(2):294-5

Labyrinthine otosclerosis studied with a new computed tomography technique. de Groot JA, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):223-5

Diagnostic potential of CT in neurotological disorders. Mafee MF, et al. **Laryngoscope** 1985 May;95(5):505-14

[Feasibility of high resolution CT in the demonstration of the vestibular aqueduct (Ménière) and otospongiosis of the labyrinth] Zonneveld FW, et al. **Radiologe** 1984 Nov; 24(11):508-15 (Eng. Abstr.) **(Ger)**

[Roentgenological diagnosis of labyrinthine fistulas in chronic suppurative otitis media] Kossovoi AL. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):17-20 (Eng. Abstr.) **(Rus)**

SURGERY

Retrolabyrinthine vestibular nerve section: a preliminary report. Kemink JL. **Am J Otol** 1984 Oct;5(6):549-51

[Perilymph fistulas--symptoms and indications for tympanoscopy] Lamprecht A, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):13-6 (Eng. Abstr.) **(Ger)**

THERAPY

[Rapid glycerol infusion in the therapy of endolymphatic hydrops] Maňák J, et al. **Cesk Otolaryngol** 1985 Jan; 34(1):19-23 (Eng. Abstr.) **(Cze)**

LABYRINTH SUPPORTING CELLS see under **ORGAN OF CORTI**

LABYRINTHINE FLUIDS

Auditory evoked potentials--the cochlear summating potential in detection of endolymphatic hydrops. Coats AC, et al. **Am J Otol** 1984 Oct;5(6):443-6

Classification of endolymphatic hydrops. Schuknecht HF. **Am J Otol** 1984 Oct;5(6):528

Perilymph fistula. Four year experience with a new audiometric test. Flood LM, et al. **J Laryngol Otol** 1985 Jul;99(7):671-6

[Rapid glycerol infusion in the therapy of endolymphatic hydrops] Maňák J, et al. **Cesk Otolaryngol** 1985 Jan; 34(1):19-23 (Eng. Abstr.) **(Cze)**

[Perilymph fistulas--symptoms and indications for tympanoscopy] Lamprecht A, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):13-6 (Eng. Abstr.) **(Ger)**

ANALYSIS

Non-collagen proteins of stapedial bone matrix in perilymph of otosclerotic patients. Gróf J, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):557-63

The developing electrolytes concentrations of inner ear fluids in guinea pigs. Kanoh N, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):525-8

Effects of pure tone on endocochlear potential and potassium ion concentration in the guinea pig cochlea. Vassout P. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):199-203

Biochemical differences between perilymph, cerebrospinal fluid and blood plasma in the guinea pig. Scheibe F, et al. **Hear Res** 1985 Jan;17(1):61-6

Analysis of aminoglycoside antibiotics as benzoyl derivatives by high-performance liquid chromatography and its application to the quantitation of neomycin in the perilymph. Harada T, et al. **J Chromatogr** 1985 Jan 11; 337(1):187-93

Recent advances in laser microprobe mass analysis (LAMMA) of inner ear tissue. Meyer zum Gottesberge-Orsulakova A, et al. **Scan Electron Microsc** 1985;(Pt 1):393-405

DRUG EFFECTS

Effects of intravenous glycerol injection on inner ear fluid electrolytes. Kanoh N, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):46-52

Effects of hyperosmotic solutions on endolymphatic pressure. Yoshida M, et al. **Am J Otolaryngol** 1985 Jul-Aug; 6(4):297-301

Effect of peroral glycerol administration on inner ear fluid electrolytes of guinea pigs. Kanoh N, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):319-21

Effects of glycerol on the inner ear fluid electrolytes of guinea pigs--oral and intravenous administration. Kanoh N, et al. **Auris Nasus Larynx** 1984;11(3):125-38

IMMUNOLOGY

Immunological analysis of IgG and other protein fractions in endolymph obtained from endolymphatic sac of Meniere patients and a control. Futaki T, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:71-8

Effect of a middle ear immune response on inner ear antibody levels. Harris JP, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):202-6

Antibody activity in perilymph from rats with type II collagen-induced autoimmune inner ear disease. Yoo TJ, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1984 Sep-Oct; 113:1-2

METABOLISM

Peptides of the otosclerotic perilymph examined by analytical isotachophoresis. Sziklai I, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):25-34

Effect of pentobarbital anesthesia on amikacin concentrations in plasma and perilymph and evaluation of multiple sampling in perilymph of guinea pigs. Desjardins-Giasson S, et al. **Antimicrob Agents Chemother** 1985 May; 27(5):720-3

Freeze-fracture studies on the perilymph-endolymph barrier in experimentally induced hydrops. Jahnke K, et al. **Arch Otorhinolaryngol** 1985;241(2):175-81

Relationship between ototoxicity of aminoglycoside antibiotics and their transferability into inner ear fluids. Ohtani I, et al. **Auris Nasus Larynx** 1984;11(2):53-60

Water permeability of the endolymph-perilymph barrier in the guinea pig cochlea. Konishi T, et al. **Hear Res** 1984 Jul;15(1):51-8

Dissociation of maximum concentration of kanamycin in plasma and perilymph from ototoxic effect. Davis RR, et al. **J Antimicrob Chemother** 1984 Sep;14(3):291-302

[Changes in the ion composition of the cochlear perilymph after experimental administration of furosemide and verospiron] Arutiunian AG. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):31-3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[The study on the experimental endolymphatic hydrops--with special reference to the incidence of endolymphatic hydrops and the relation between the morphological changes and the vestibular function] Mineta H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):956-68 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Sudden hearing loss: circulatory. Fisch U, et al. **Am J Otol** 1984 Oct;5(6):488-91

The pathophysiology of Meniere's disease. Schuknecht HF. **Am J Otol** 1984 Oct;5(6):526-7 (29 ref.)

Inter- and intracompartmental osmotic gradients within the rat cochlea. Sterkers O, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F602-6

X-linked progressive mixed deafness with perilymphatic gusher during stapes surgery. Cremers CW, et al. **Arch Otolaryngol** 1985 Apr;111(4):249-54

A new theory for thermal influences on endolymphatic flow. Harada Y, et al. **Arch Otorhinolaryngol** 1985;242(1):13-7

An experimental study on the physiological significance of the mode of cupular movement. Suzuki M, et al. **Arch Otorhinolaryngol** 1985;242(1):57-62

Asymptotic analysis of a viscous cochlear model. Keller JB, et al. **J Acoust Soc Am** 1985 Jun;77(6):2107-10

Effect of opening and draining the cochlea. Steele CR, et al. **J Acoust Soc Am** 1985 Jul;78(1 Pt 1):84-9

PHYSIOPATHOLOGY

Permeability to sodium ions of the endolymph-perilymph barrier. Konishi T, et al. **Hear Res** 1984 Aug;15(2):143-9

LABYRINTHITIS see under **LABYRINTH DISEASES**

LAC OPERON

The lactose/H+ carrier of Escherichia coli: lac YUN mutation decreases the rate of active transport and mimics an energy-uncoupled phenotype. Wright JK, et al. **Biochem J** 1985 Apr 1;227(1):287-97

Kinetics of open complex formation between Escherichia coli RNA polymerase and the lac UV5 promoter. Evidence for a sequential mechanism involving three steps. Buc H, et al. **Biochemistry** 1985 May 21;24(11):2712-23

Changes in the DNA structure of the lac UV5 promoter during formation of an open complex with Escherichia coli RNA polymerase. Spassky A, et al. **Biochemistry** 1985 May 21;24(11):2723-31

Specific binding of the cAMP receptor protein of Escherichia coli to the lactose operon promoter. Koop AH, et al. **Biochimie** 1985 Jan;67(1):161-75

Conformational analysis of lac promoters using the nuclease activity of 1,10-phenanthroline-copper ion. Sigman DS, et al. **Biopolymers** 1985 Jan;24(1):183-97

Dual promoter control of the Escherichia coli lactose operon. Malan TP, et al. **Cell** 1984 Nov;39(1):173-80

Mutants of the lac promoter with large insertions and deletions between the CAP binding site and the -35 region. Mandecki W, et al. **Gene** 1984 Nov;31(1-3):263-7

New Tn10 derivatives for transposon mutagenesis and for construction of lacZ operon fusions by transposition. Way JC, et al. **Gene** 1984 Dec;32(3):369-79

Transposable lambda placMu bacteriophages for creating lacZ operon fusions and kanamycin resistance insertions in Escherichia coli. Bremer E, et al. **J Bacteriol** 1985 Jun; 162(3):1092-9

Nucleotide sequence of Klebsiella pneumoniae lac genes. Buvinger WE, et al. **J Bacteriol** 1985 Sep;163(3):850-7

Regulatory region of the divergent Klebsiella pneumoniae lac operon. Buvinger WE, et al. **J Bacteriol** 1985 Sep; 163(3):858-62

Evidence that the 5' end of lac mRNA starts to decay as soon as it is synthesized. Cannistraro VJ, et al. **J Bacteriol** 1985 Feb;161(2):820-2

Regulation of a cya-lac fusion by cyclic AMP in Salmonella typhimurium. Jovanovich SB. **J Bacteriol** 1985 Feb; 161(2):641-9

Construction of a tyrP-lac operon fusion strain and its use in the isolation and analysis of mutants derepressed for tyrP expression. Kasian PA, et al. **J Bacteriol** 1984 Oct; 160(1):175-83

Identity of the photoproduct that causes lacI mutations in UV-irradiated Escherichia coli. Lawrence CW, et al. **J Bacteriol** 1985 Feb;161(2):767-8

Transcription of ribosomal component genes and lac in a relA+/relA pair of Escherichia coli strains. Little R, et al. **J Bacteriol** 1984 Sep;159(3):863-9

Effect of the replacement of pRoR promoter of lambda dv plasmid by lac promoter on the synthesis of DNA. Hase T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1205-15

Purification of hybrid beta-galactosidase proteins encoded by phi X174 E phi lacZ and Escherichia coli prlA phi lacZ: a general method for the isolation of lacZ fusion polypeptides produced in low amounts. Struck DK, et al. **J Mol Appl Genet** 1985;3(1):18-25

The 5' ends of Escherichia coli lac mRNA. Cannistraro VJ, et al. **J Mol Biol** 1985 Mar 20;182(2):241-8

Interaction of RNA polymerase with lacUV5 promoter DNA during mRNA initiation and elongation. Footprinting, methylation, and rifampicin-sensitivity changes accompanying transcription initiation. Carpousis AJ, et al. **J Mol Biol** 1985 May 25;183(2):165-77

A mutant lactose repressor with altered inducer and operator binding parameters. Chakerian AE, et al. **J Mol Biol** 1985 May 5;183(1):43-51

A frameshift mutation at the junction of an IS1 insertion within lacZ restores beta-galactosidase activity via formation of an active lacZ-IS1 fusion protein. Malamy MH, et al. **J Mol Biol** 1985 Feb 20;181(4):551-5

Mechanism of CRP-cAMP activation of lac operon transcription initiation activation of the P1 promoter. Malan TP, et al. **J Mol Biol** 1984 Dec 25;180(4):881-909

lac operator DNA modification in the presence of proteolytic fragments of the repressor protein. Manly SP, et al. **J Mol Biol** 1984 Nov 5;179(3):315-33

Enzymatic digestion of operator DNA in the presence of the lac repressor tryptic core. Manly SP, et al. **J Mol Biol** 1984 Nov 5;179(3):335-50

Construction of plasmids carrying lacI mutations. Miller JH, et al. **J Mol Biol** 1985 Mar 5;182(1):65-8

lacZ translation initiation mutations. Munson LM, et al. **J Mol Biol** 1984 Aug 25;177(4):663-83

Anomalous expression of the E. coli lac operon in Proteus mirabilis. II. Effects of lacI and lacP mutations. Baumberg S, et al. **MGG** 1984;198(1):166-71

Anomalous expression of the E. coli lac operon in Proteus mirabilis. I. Effects of L8 and L8 UV5. Roberts M, et al. **MGG** 1984;198(1):159-65

Isolation and characterization of lac fusions to two nitrogen-regulated promoters. Stern MJ, et al. **MGG** 1984; 195(1-2):219-27

Detection in vivo of protein-DNA interactions within the lac operon of Escherichia coli. Nick H, et al. **Nature** 1985 Feb 28-Mar 6;313(6005):795-8

Deletion analysis of the Escherichia coli lactose promoter P2. Yu XM, et al. **Nucleic Acids Res** 1985 Apr 11; 13(7):2457-68

High resolution NMR study of CAP binding site 22mer in H2O solution. Lee SJ, et al. **Nucleic Acids Symp Ser** 1984; (15):117-20

Rapid 'footprinting' on supercoiled DNA. Gralla JD. **Proc Natl Acad Sci USA** 1985 May;82(10):3078-81

Construction of Tn5 lac, a transposon that fuses lacZ expression to exogenous promoters, and its introduction into Myxococcus xanthus. Kroos L, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5816-20

Anti-mRNA: specific inhibition of translation of single mRNA molecules. Pestka S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7525-8

[Structure of a recombination site in the transducing bacteriophage lambda plac5 DNA] Shpakovskiĭ GV, et al. **Bioorg Khim** 1983 May;9(5):711-3 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of iso-propyl-thio-beta-D-galactoside concentration on the level of lac-operon induction in steady state Escherichia coli. Cho S, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1268-73

Effect of deficiency in excision repair and umuC function on the mutagenicity with ethylene oxide in the lacI gene of E. coli. Kolman A. **Mutat Res** 1985 Jul;146(1):43-6

RADIATION EFFECTS

Ultraviolet radiation-induced derepression of the lactose operon of E. coli. Spodheim-Maurizot M, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):325-31

Ultraviolet radiation-induced derepression of the lactose operon of E. coli: in vitro studies. Spodheim-Maurizot M, et al. **Prog Clin Biol Res** 1985;172A:401-8

LACQUER see under **PAINT**

LACRIMAL APPARATUS

see related
TEARS

Pigmentation of plica and lacrymal caruncle. Prevalence among Caucasians, Eskimos, and Japanese. Norn M. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):939-43

A method of removing displaced silicone tubing from the nasolacrimal duct system [letter] Mader TH, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):730-1

Treatment of congenital nasolacrimal system obstruction. Baker JD. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb; 22(1):34-6

A controlled study of silver nitrate prophylaxis and the incidence of nasolacrimal duct obstruction. Hick JF, et al. **J Pediatr Ophthalmol Strabismus** 1985 May-Jun;22(3):92-3

Medical management of congenital nasolacrimal duct obstruction. Paul TO. **J Pediatr Ophthalmol Strabismus** 1985 Mar-Apr;22(2):68-70

Treatment of congenital nasolacrimal system obstruction. Robb RM. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb; 22(1):36-7

Lacrimal gland duct cysts. Hornblass A, et al. **Ophthalmic Surg** 1985 May;16(5):301-6

Ectopic lacrimal gland tissue of the orbit and sclerosing dacryoadenitis. Margo CE, et al. **Ophthalmic Surg** 1985 Mar;16(3):178-81

Diplopia following Jones tube placement. Skov CM, et al. **Ophthalmic Surg** 1984 Nov;15(11):932-3

Inferior turbinate fracture in the treatment of congenital nasolacrimal duct obstruction and congenital nasolacrimal duct anomaly. Wesley RE. **Ophthalmic Surg** 1985 Jun; 16(6):368-71

Lacrimal gland choristoma of the ciliary body. Conway VH, et al. **Ophthalmology** 1985 Mar;92(3):449-53

Standardized echography in the differentiation of orbital lesions. Byrne SF. **Surv Ophthalmol** 1984 Nov-Dec; 29(3):226-8

[Treatment of tumors of the internal angle of the eye with respect of the lacrimal ducts: a study of the surgical treatment of 26 cases] Adenis JP, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1221-4 **(Fre)**

[Case of persistent dacryocanaliculitis with a foreign body in the lumen of the canaliculus] Alieva ZA, et al. **Oftalmol Zh** 1984;(7):445 **(Rus)**

ABNORMALITIES

Ectopic lacrimal gland tissue in the globe of a cow. van der Linde-Sipman JS, et al. **Vet Pathol** 1984 Nov;21(6):613-4

[Dislocation of the lacrimal point] Tagi-zade NS. **Oftalmol Zh** 1984;(8):506-7 **(Rus)**

ANALYSIS

Fatty acid composition of cardiolipin from guinea pig Harderian gland. Seyama Y, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1639-43

ANATOMY & HISTOLOGY

A study of nasolacrimal canal in crania from Uttar Pradesh (India). Saxena SK. **Anthropol Anz** 1984 Dec;42(4):265-9

Harderian gland: regulation of sexual 'type' by gonads and pineal gland. McMasters KM, et al. **Biol Reprod** 1984 Oct; 31(3):579-85

Gender-related differences in the morphology of the lacrimal gland. Cornell-Bell AH, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1170-5

[Elements of the anatomy and physiology of the excretory lacrimal ducts] Ritleng P, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):903-5, 908 (Eng. Abstr.) **(Fre)**

[Anatomy of the lacrimal point and the vertical portion of the lacrimal canaliculus] Sultanov MIu, et al. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):74-7 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

The arteries of the lacrimal gland. Ducasse A, et al. **Anat Clin** 1984;6(4):287-93

Intravenous pyogenic granuloma of the ocular adnexa. Report of two cases and review of the literature. Truong L, et al. **Arch Ophthalmol** 1985 Sep;103(9):1364-7

CYTOLOGY

Muscarinic acetylcholine receptor structure in acinar cells of mammalian exocrine glands. Hootman SR, et al. **J Biol Chem** 1985 Apr 10;260(7):4186-94

Lacrimal gland-directed B cell responses. Franklin RM, et al. **J Immunol** 1985 Jul;135(1):95-9

DRUG EFFECTS

Comparative effects of cytochalasin D on the protein discharge induced by alpha- and beta-adrenergic or cholinergic agonists in rat exorbital lacrimal glands. Muller P, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):158-66

ENZYMOLOGY

The quaternary structure and activity of newly purified fatty acid synthetase from the Harderian gland of guinea-pig. Kitamoto T, et al. **Biochim Biophys Acta** 1985 Feb 4; 827(2):164-73

IMMUNOLOGY

Lacrimal gland autoimmunity in New Zealand mice. Tabbara KF, et al. **Int Ophthalmol Clin** 1985 Summer;25(2):153-63

The presence of cytotoxic autoantibody to lacrimal gland cells in NZB/W mice. Ohashi Y, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):214-9

INJURIES

The pattern and incidence of nasolacrimal injury in naso-orbital-ethmoid fractures: the role of delayed assessment and dacryocystorhinostomy. Gruss JS, et al. **Br J Plast Surg** 1985 Jan;38(1):116-21

[Procedure for the primary surgical treatment of injuries to the lower lacrimal duct] Indeikin EN. **Oftalmol Zh** 1984; (4):253-4 **(Rus)**

INNERVATION

Catecholamine-containing neurons and lymphoid cells in a lacrimal gland of the pigeon. Walcott B, et al. **Brain Res** 1985 Feb 25;328(1):129-37

Distribution of adrenergic nerves in the lacrimal glands of guinea-pig and rat. Nikkinen A, et al. **Exp Eye Res** 1985 May;40(5):751-6

[Sweating-related tears--a new syndrome?] Vollrath M. **HNO** 1984 Nov;32(11):476-8 (Eng. Abstr.) **(Ger)**

METABOLISM

Demonstration and characterization of cytosol androgen receptor in rat exorbital lacrimal gland. Ota M, et al. **Biochem Int** 1985 Feb;10(2):129-35

Differential regulation of alpha 2u globulin gene expression in liver, lachrymal gland, and salivary gland. Gubits RM, et al. **J Biol Chem** 1984 Oct 25;259(20):12803-9

Studies of human tear proteins. 3. Distribution of specific tear prealbumin in lacrimal glands and other ocular adnexa. Inada K. **Jpn J Ophthalmol** 1984;28(4):315-30

X-ray microanalysis of rat exorbital lacrimal gland. Roomans GM. **Scan Electron Microsc** 1984;(Pt 2):889-95

[Levels of biogenic amines in the salivary and lacrimal glands in experimental staphylococcal pancreatitis in rats] Mikhaĭlov VV, et al. **Vopr Med Khim** 1984 Jul-Aug; 30(4):51-3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Lacrimal canalicular papillomatosis. Williams R, et al. **Br J Ophthalmol** 1985 Jun;69(6):464-7

PHYSIOLOGY

Prevention by pinealectomy of short-photoperiod-induced ultrastructural changes in the hamster Harderian gland. Diioria DP, et al. **Anat Rec** 1984 Nov;210(3):449-52

Harderian letdown in male mongolian gerbils (Meriones unguiculatus) contributes to proceptive behavior. Harriman AE, et al. **Horm Behav** 1985 Jun;19(2):213-9

Photoperiod perception in the blind mole rat (Spalax ehrenbergi, Nehring): involvement of the Harderian gland, atrophied eyes, and melatonin. Pevet P, et al. **J Exp Zool** 1984 Oct;232(1):41-50

Three types of calcium-dependent channel in rat lacrimal glands. Marty A, et al. **J Physiol (Lond)** 1984 Dec; 357:293-325

Relative roles of upper and lower lacrimal canaliculi in normal tear drainage. Nagashima K, et al. **Jpn J Ophthalmol** 1984;28(3):259-62

Acetylcholine stimulates a Ca2+-dependent Cl- conductance in mouse lacrimal acinar cells. Findlay I, et al. **Pflugers Arch** 1985 Mar;403(3):328-30

The effect of Na+ and Cl- removal and of loop diuretics on acetylcholine-evoked membrane potential changes in mouse lacrimal acinar cells. Suzuki K, et al. **Q J Exp Physiol** 1985 Jul;70(3):437-45

[Taste test for the determination of lacrimal function] Bao YJ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):284-6 **(Chi)**

[Physiology of the healing process. The role of the lacrimal glands] Il'inskiĭ OB, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):241-4 **(Rus)**

PHYSIOPATHOLOGY

Miniprobe for lacrimal sac temperature measurement. Billington BM, et al. **Ophthalmic Surg** 1984 Aug; 15(8):680-3

[Diagnostic value of electrophoresis of tear proteins] Liotet S, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):545-9 **(Fre)**

[Participation of the lacrimal glands in wound healing processes] Il'inskiĭ OB, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):91-3 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Digital subtraction ductography. Lightfoote JB, et al. **AJR** 1985 Mar;144(3):635-8

RADIONUCLIDE IMAGING

Studies on tear physiology, pathophysiology and contact lenses by means of dynamic gamma camera and technetium. Sørensen TB. **Acta Ophthalmol [Suppl] (Copenh)** 1984; 167:1-54

[Diagnosis of obstructive lacrimal disease using lacrimal scintillography] Dong WY. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):327-30 **(Chi)**

[Dacryoscintigraphy. Preliminary study] De Larrard P, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):803-6 **(Fre)**

[Quantitative scintigraphy of the lacrimal ducts] Mikolajkow A, et al. **Pol Przegl Radiol (Warszawa)** 1984 May-Jun; 48(3):173-4 (Eng. Abstr.) **(Pol)**

SECRETION

Vasoactive intestinal polypeptide stimulation of protein secretion from rat lacrimal gland acini. Dartt DA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G502-9

Role of calcium in cholinergic stimulation of lacrimal gland protein secretion. Dartt DA, et al. **Curr Eye Res** 1985 Apr; 4(4):475-83

Lacrimal protein secretion: comparison of young and old rats. Bromberg BB, et al. **Exp Eye Res** 1985 Feb; 40(2):313-20

An improved technique for collection of human tears. Webster HJ, et al. **J Am Optom Assoc** 1984 Nov; 55(11):839-44

Normal tear production and drainage. Wright P. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):351-4

[Biochemistry of lipids in Harderian gland] Seyama Y, et al. **Seikagaku** 1984 Oct;56(10):1266-72 (27 ref.) **(Jpn)**

SURGERY

Laser punctoplasty for the treatment of punctal stenosis. Awan KJ. **Am J Ophthalmol** 1985 Aug 15;100(2):341-2

Sodium hyaluronate (Healon) as an adjunct to lacrimal surgery [letter] Lerner HA, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):365

A modified glass tube for conjunctivodacryocystorhinostomy. Gladstone GJ, et al. **Arch Ophthalmol** 1985 Aug;103(8):1229-30

New polypropylene tube to stent or bypass the lacrimal system. Hurwitz JJ. **Can J Ophthalmol** 1984 Oct; 19(6):261-5

The Lester-Jones tube: a 15-year follow-up. Welham RA, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):106-8

Gentle, technically simple repositioning of displaced lacrimal tubing. Gonnering RS. **Ophthalmic Surg** 1985 May; 16(5):307-8

Incontinentia pigmenti associated with nasolacrimal duct obstruction. Smith B, et al. **Ophthalmic Surg** 1984 Dec; 15(12):980-2

Silicone tubing used in intubating the lacrimal system. Joining the ends for easy removal. Rutherford S, et al. **Ophthalmology** 1984 Aug;91(8):963-5

Transnasal dacryocystorhinostomy. Steadman MG. **Otolaryngol Clin North Am** 1985 Feb;18(1):107-11

[Repair of the lacrimal canaliculus--report of 16 cases] Huang ZX. **Chung Hua Yen Ko Tsa Chih** 1984 Jul; 20(4):235-7 **(Chi)**

ULTRASTRUCTURE

A map of membrane populations isolated from rat exorbital gland. Mircheff AK, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G651-61

Mononuclear and IgA-containing cells in the lacrimal gland of germ-free and conventional rats. Gudmundsson OG, et al. **Exp Eye Res** 1984 Nov;39(5):575-81

[Ultrastructural study of the lacrimal gland in Gougerot-Sjögren syndrome] Chomette G, et al. **Arch Anat Cytol Pathol** 1985;33(3):149-54 (Eng. Abstr.) **(Fre)**

LACRIMAL APPARATUS DISEASES

CHEMICALLY INDUCED

Surgical treatment of punctal-canalicular fibrosis from 5-fluorouracil therapy. Seiff SR, et al. **Cancer** 1985 Oct 15;56(8):2148-9

COMPLICATIONS

Lacrimal gland enlargement as one of the ocular manifestations of Wegener's granulomatosis. Boukes RJ, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):21-6

CONGENITAL

[Congenital lacrimal mucocele or amniotocele?] George JL, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):263-6 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Spurious sanguineous lacrimation. Jordan DR, et al. **Can J Ophthalmol** 1984 Dec;19(7):315-6

Orbital dacryops. Brownstein S, et al. **Ophthalmology** 1984 Nov;91(11):1424-8

[Diagnostic value of electrophoresis of tear proteins] Liotet S, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):545-9 **(Fre)**

[Echographic diagnosis in diseases of the efferent tear ducts] Rochels R, et al. **Klin Monatsbl Augenheilkd** 1984 Oct; 185(4):243-9 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

The use of topical Healon tears in the management of refractory dry-eye syndrome. DeLuise VP, et al. **Ann Ophthalmol** 1984 Sep;16(9):823-4

Gel tears. A new medication for the treatment of dry eyes. Leibowitz HM, et al. **Ophthalmology** 1984 Oct; 91(10):1199-204

[The value of doxycycline in ophthalmology] Malbrel P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):459-62 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

[Familial hypoglycocorticism syndrome unresponsive to ACTH, achalasia, alacrima, with associated distal neuromyopathy] Degli Esposti A, et al. **Minerva Pediatr** 1985 May 15;37(9):353-9 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Diagnosing sarcoidosis by transconjunctival biopsy of the lacrimal gland [letter] Karma A. **Am J Ophthalmol** 1984 Nov;98(5):640-2

Granuloma pyogenicum originating from the caruncle. Slem G, et al. **Ann Ophthalmol** 1984 Nov;16(11):1060-1

Intravenous pyogenic granuloma of the ocular adnexa. Report of two cases and review of the literature. Truong L, et al. **Arch Ophthalmol** 1985 Sep;103(9):1364-7

Papillomas of lacrimal drainage system: a clinicopathologic study. Karcioglu ZA, et al. **Ophthalmic Surg** 1984 Aug; 15(8):670-6

A clinicopathologic study of primary adenoid cystic carcinoma of the lacrimal gland. Lee DA, et al. **Ophthalmology** 1985 Jan;92(1):128-34

[Neurofibroma of the lacrimal sac. Apropos of a case] Arne JL, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):665-9 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Miniprobe for lacrimal sac temperature measurement. Billington BM, et al. **Ophthalmic Surg** 1984 Aug; 15(8):680-3

RADIONUCLIDE IMAGING

Gallium67 citrate scanning in patients with lacrimal gland and conjunctival sarcoidosis. A report on three cases. Karma A, et al. **Acta Ophthalmol (Copenh)** 1984 Aug; 62(4):549-55

SURGERY

Laser punctoplasty for the treatment of punctal stenosis. Awan KJ. **Am J Ophthalmol** 1985 Aug 15;100(2):341-2

Surgical management of malignant tumors of the lacrimal gland. Janecka I, et al. **Am J Surg** 1984 Oct;148(4):539-41

Congenital lacrimal fistulas. Welham RA, et al.

Arch Ophthalmol 1985 Apr;103(4):545-8

New polypropylene tube to stent or bypass the lacrimal system. Hurwitz JJ. **Can J Ophthalmol** 1984 Oct; 19(6):261-5

LACRIMAL DUCT OBSTRUCTION

CHEMICALLY INDUCED

Surgical treatment of punctal-canalicular fibrosis from 5-fluorouracil therapy. Seiff SR, et al. **Cancer** 1985 Oct 15;56(8):2148 9

A controlled study of silver nitrate prophylaxis and the incidence of nasolacrimal duct obstruction. Hick JF, et al. **J Pediatr Ophthalmol Strabismus** 1985 May-Jun;22(3):92-3

CONGENITAL

Treatment of congenital nasolacrimal system obstruction. Baker JD. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb; 22(1):34-6

Medical management of congenital nasolacrimal duct obstruction. Paul TO. **J Pediatr Ophthalmol Strabismus** 1985 Mar-Apr;22(2):68-70

Treatment of congenital nasolacrimal system obstruction. Robb RM. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb; 22(1):36-7

Medical management of congenital nasolacrimal duct obstruction. Nelson LB, et al. **Pediatrics** 1985 Aug; 76(2):172-5

[Treatment of therapy resistant congenital postsaccular lacrimal duct stenosis with the flexible indwelling catheter] Struck HG, et al. **Klin Monatsbl Augenheilkd** 1984 Oct; 185(4):286-8 (Eng. Abstr.) **(Ger)**

[Primary lacrimal duct probing in congenital dacryocystitis. Disadvantages and alternatives] Steinkogler FJ. **Padiatr Padol** 1985;20(2):185-91 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

The wrinkle sign in tear duct obstruction. Burns JA, et al. **Ophthalmic Surg** 1984 Nov;15(11):930-1

PHYSIOPATHOLOGY

Mechanism of tear flow after dacryocystorhinostomy and Jones' tube surgery. Nik NA, et al. **Arch Ophthalmol** 1984 Nov;102(11):1643-6

Relative roles of upper and lower lacrimal canaliculi in normal tear drainage. Nagashima K, et al. **Jpn J Ophthalmol** 1984;28(3):259-62

RADIOGRAPHY

Digital subtraction macrodacryocystography. A new method of lacrimal system imaging. Galloway JE, et al. **Ophthalmology** 1984 Aug;91(8):956-62

The role of sophisticated radiological testing in the assessment and management of epiphora. Hurwitz JJ, et al. **Ophthalmology** 1985 Mar;92(3):407-13

RADIONUCLIDE IMAGING

[Diagnosis of obstructive lacrimal disease using lacrimal scintillography] Dong WY. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):327-30 **(Chi)**

SURGERY

Lacrimal surgery in children. Welham RA, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):27-34

Total internal reflection for positioning Jones tube. Dryden RM, et al. **Arch Ophthalmol** 1985 Jun;103(6):858-9

Pediatric dacryocystorhinostomy. Nowinski TS, et al. **Arch Ophthalmol** 1985 Aug;103(8):1226-8

The Lester-Jones tube: a 15-year follow-up. Welham RA, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):106-8

Orbital hemorrhage with proptosis following a dacryocystorhinostomy. Slonim CB, et al. **Ophthalmic Surg** 1984 Sep;15(9):774-5

Incontinentia pigmenti associated with nasolacrimal duct obstruction. Smith B, et al. **Ophthalmic Surg** 1984 Dec; 15(12):980-2

Transnasal dacryocystorhinostomy. Steadman MG. **Otolaryngol Clin North Am** 1985 Feb;18(1):107-11

[Treatment of lacrimal duct obstruction by anastomosis of the conjunctiva duct and nasal mucosa duct] Zhang ZJ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep;20(5):319-20 **(Chi)**

[Y-shaped silicone tube intubation with balloon in dacryocystorhinostomy] Ruprecht KW. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):136-8 (Eng. Abstr.) **(Ger)**

THERAPY

Inferior turbinate fracture in the treatment of congenital nasolacrimal duct obstruction and congenital nasolacrimal duct anomaly. Wesley RE. **Ophthalmic Surg** 1985 Jun; 16(6):368-71

LACTALBUMIN

The amino acid sequence of equine alpha-lactalbumin. Kaminogawa S, et al. **Biochem Int** 1984 Nov;9(5):539-46

Ultraviolet resonance Raman spectra of insulin and alpha-lactalbumin with 218- and 200-nm laser excitation. Rava RP, et al. **Biochemistry** 1985 Apr 9;24(8):1861-5

Cation binding effects on the pH, thermal and urea denaturation transitions in alpha-lactalbumin. Permyakov EA, et al. **Biophys Chem** 1985 Jan;21(1):21-31

Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. Experimental verification on unilamellar vesicles and lipid/alpha-lactalbumin complexes. Ameloot M, et al. **Biophys J** 1984 Oct;46(4):525-39

Sequential hydration of dry proteins: a direct difference IR investigation of sequence homologs lysozyme and alpha-lactalbumin. Poole PL, et al. **Biopolymers** 1984 Sep; 23(9):1647-66

The primary structure of alpha-lactalbumin from camel milk. Beg OU, et al. **Eur J Biochem** 1985 Mar 1;147(2):233-9

Photochemical reactivity of the homologous proteins alpha-lactalbumin and lysozyme. Edwards AM, et al. **Radiat Environ Biophys** 1985;24(2):141-8

ANALYSIS

[Diagnosis and prognosis of breast lesions. Value of 3 immunological markers: fibronectin, carcinoembryonic antigen and bovine lactalbumin. Study of 40 cases] Canioni D, et al. **Arch Anat Cytol Pathol** 1984;32(4):235-42 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Metal-ion-dependent hydrophobic-interaction chromatography of alpha-lactalbumins. Lindahl L, et al. **Anal Biochem** 1984 Aug 1;140(2):394-402

METABOLISM

Alpha-lactalbumin-like proteins in the male reproductive tract. Byers SW, et al. **Ann NY Acad Sci** 1984;438:8-17

Amino group environments and metal binding properties of carbon-13 reductively methylated bovine alpha-lactalbumin. Gerken TA. **Biochemistry** 1984 Sep 25; 23(20):4688-97

Comparison of the transient folding intermediates in lysozyme and alpha-lactalbumin. Kuwajima K, et al. **Biochemistry** 1985 Feb 12;24(4):874-81

Influence of the protein conformation on the interaction between alpha-lactalbumin and dimyristoylphosphatidylcholine vesicles. Hanssens I, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):154-64

Process of the combination of alpha-lactalbumin with lysosomes in mammary epithelial cells. Komine S, et al. **Cell Biochem Funct** 1985 Jan;3(1):41-4

Interaction of galactosyltransferase with alpha-lactalbumin and substrates. Takase K, et al. **Curr Top Cell Regul** 1984; 24:51-62

Relative nutritional value of whole protein, hydrolysed protein and free amino acids in man. Moriarty KJ, et al. **Gut** 1985 Jul;26(7):694-9

Thermodynamics of the Ca2+ binding to bovine alpha-lactalbumin. Van Ceunebroeck JC, et al. **J Biol Chem** 1985 Sep 15;260(20):10944-7

Calcium binding by alpha-lactalbumin in human milk and bovine milk. Lönnerdal B, et al. **J Nutr** 1985 Sep; 115(9):1209-16

PHYSIOLOGY

Alpha-lactalbumin as a lysosomal enzyme-releasing factor. Komine S, et al. **Cell Biochem Funct** 1985 Jan;3(1):33-9

LACTAMS

CHEMICAL SYNTHESIS

The synthesis and biological testing of 2,2-dimethylpenam sulfone. Foley LH, et al. **J Antibiot (Tokyo)** 1985 May; 38(5):677-9

ISOLATION & PURIFICATION

Novel glycosidase inhibitors, nojirimycin B and D-mannonic-delta-lactam. Isolation, structure determination and biological property. Niwa T, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1579-86

Marine natural products: pyrrololactams from several sponges. Schmitz FJ, et al. **J Nat Prod** 1985 Jan-Feb; 48(1):47-53

METABOLISM

Metabolism of phencyclidine. The role of the carbinolamine intermediate in the formation of lactam and amino acid metabolites of nitrogen heterocycles. Baker JK, et al. **J Med Chem** 1985 Jan;28(1):46-50

PHARMACODYNAMICS

Effects of synthetic analogues of teleocidin, indolactam-V, on the differentiation of murine pre-adipose cells. Sato M, et al. **Cancer Lett** 1985 Jan;25(3):261-9

Structure-activity studies on synthetic analogues (indolactams) of the tumor promoter teleocidin. Fujiki H, et al. **Gann** 1984 Oct;75(10):866-70

LACTASE DEFICIENCY see **LACTOSE INTOLERANCE**

LACTATE DEHYDROGENASE

ANALYSIS

Screening for endometrial carcinoma by endouterine aspiration cytology with analysis of tumor markers in the aspirates. Development and application of a new screening technique. Niklasson O, et al. **Anal Quant Cytol** 1985 Mar; 7(1):61-8

Properties of lactate dehydrogenase in a psychrophilic marine bacterium. Mitchell P, et al. **Appl Environ Microbiol** 1985 May;49(5):1232-4

Lactic C4 dehydrogenase (E.C.1.1.1.27) in human seminal plasma. Ibarra B, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):239-44 **(Eng, Spa)**

In situ behaviour of D(-)-lactate dehydrogenase from Escherichia coli. Busto F, et al. **Arch Microbiol** 1984 Oct; 139(2-3):255-9

Evaluation and modification of spectrophotometric procedures for analysis of lactate dehydrogenase, beta-glucuronidase and arylsulphatase in human gingival crevicular fluid collected with filter-paper strips. Lamster IB, et al. **Arch Oral Biol** 1985;30(3):235-42

Monoclonal antibodies against the membrane-bound, flavin-linked D-lactate dehydrogenase of Escherichia coli: preparation, characterization, and use in immunoaffinity chromatography. Santos E, et al. **Biochemistry** 1985 Jun 4;24(12):3006-11

Oncodevelopmental enzymes of the Dunning rat prostatic adenocarcinoma. Hall M, et al. **Cancer Res** 1985 Sep; 45(9):4053-9

Elevated gastric juice enzymes--a marker for increased gastric cancer risk? Williams GT, et al. **Clin Oncol** 1984 Dec;10(4):319-23

Alkaline phosphatase, gamma-glutamyl transferase, lactate dehydrogenase and creatine kinase in bronchial aspirate from neoplastic and normal pulmonary tissue. Ruiz-Moral R, et al. **Enzyme** 1985;33(2):105-8

Effect of age and myocardial infarction on serum and heart lactic dehydrogenase. Asha S, et al. **Exp Gerontol** 1985; 20(1):67-70

LDH isoenzyme distribution in human T gamma lymphocytes. Plum J, et al. **Immunol Lett** 1984;8(4):153-8

Effect of dietary protein composition on hepatic protein and enzymes (arginase tyrosine amino transferase and lactic dehydrogenase) in young rats. Gupta RD, et al. **Indian J Med Sci** 1984 Jun;38(6):109-13

Lactate dehydrogenase in Mycobacterium leprae grown in armadillo liver. Wheeler PR, et al. **Int J Lepr** 1984 Sep; 52(3):371-6

Lactate dehydrogenase activity in gingival crevicular fluid collected with filter paper strips: analysis in subjects with non-inflamed and mildly inflamed gingiva. Lamster IB, et al. **J Clin Periodontol** 1985 Feb;12(2):153-61

Biochemical changes of the synovial liquid of corpses with regard to the cause of death. 2: Alkaline phosphatase, lactic acid dehydrogenase (LDH), and glutamic oxalacetic transaminase (GOT). More DS, et al. **J Forensic Sci** 1985 Apr;30(2):547-51

Creatine kinase and lactate dehydrogenase in the muscles encountered during median sternotomy and in the myocardium of the cardiac chambers. Graeber GM, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):700-5

Aganglionosis of the colon. Morphologic investigations in 524 patients. Ziegler HW, et al. **Pathol Res Pract** 1984 Jul; 178(6):543-7

[Value of tissue lactic dehydrogenase (LDH) and its isoenzymes in the diagnosis of carcinoma of the esophagus and gastric cardia] Xu JJ. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):273-7 (Eng. Abstr.) **(Chi)**

[Variations in salivary and blood transaminases, electrolytes and LDH in cardiopathy patients] Re G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):213-8 (Eng. Abstr.) **(Ita)**

[Quantitative analysis of tissue enzymes that diagnose malignant tendency of colon polyp] Takahashi T. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):86-93 (Eng. Abstr.) **(Jpn)**

[Lactate dehydrogenase enzymes and isoenzymes in the diagnosis of forms of acute and postoperative pancreatitis] Trunin MA, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):50-5 (Eng. Abstr.) **(Rus)**

[Effect of thyroid hormones on the activity of pyruvate kinase and lactate dehydrogenase in mature rat brain] Sabell I, et al. **Rev Esp Fisiol** 1985 Mar;41(1):61-7 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

The interaction and inhibition of muscle lactate dehydrogenase by the alkaloid caffeine. Gardiner NS, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):1057-65

The effect of s-triazine-type pesticides and chlorinated hydrocarbons on lactate dehydrogenase. Barthová J, et al. **Environ Res** 1985 Feb;36(1):26-31

On the mechanism of flavin modification during inactivation of flavocytochrome b2 from baker's yeast by acetylenic substrates. Pompon D, et al. **Eur J Biochem** 1985 Apr 1; 148(1):145-54

7-substituted-4-hydroxyquinoline-3-carboxylic acids as inhibitors of dehydrogenase enzymes and of the respiration of Ehrlich ascites tumor cells: multivariate analysis and quantitative structure-activity relationship for polar substituents. Dove S, et al. **J Med Chem** 1985 Apr; 28(4):447-51

BIOSYNTHESIS

Maternal effect and embryonic gene expression for lactate dehydrogenase B (LDH-B), glucose-6-phosphate dehydrogenase (G6PDH), and peptidase (PEP-1) during the development of Pleurodeles waltl (urodele amphibian). Gasser F, et al. **Biochem Genet** 1984 Dec;22(11-12):1177-84

BLOOD

Relationship between different enzymatic estimations of the infarct size. Herlitz J, et al. **Acta Cardiol (Brux)** 1985; 40(2):217-28

Correlation between electrocardiographically and enzymatically estimated infarct size and its relation to clinical course in inferior myocardial infarction. Herlitz J, et al. **Acta Cardiol (Brux)** 1984;39(6):437-48

Quantification of creatine phosphokinase and its isoenzyme MB, serum glutamic oxaloacetic transaminase and lactic dehydrogenase from different sources during aortic valve replacement procedure. Ngalikpima V, et al. **Acta Chir Belg** 1984 Jul-Aug;84(4):244-8

Serum LDH concentration in non-Hodgkin's lymphomas. Relationship to histologic type, tumor mass, and presentation features. Fasola G, et al. **Acta Haematol (Basel)** 1984;72(4):231-8

Relationship between enzymatically estimated infarct size and short- and long-term survival after acute myocardial infarction. Herlitz J, et al. **Acta Med Scand** 1984; 216(3):261-7

Serum lactate dehydrogenase levels in adults and children with acquired immune deficiency syndrome (AIDS) and AIDS-related complex: possible indicator of B cell lymphoproliferation and disease activity. Effect of intravenous gammaglobulin on enzyme levels. Silverman BA, et al. **Am J Med** 1985 May;78(5):728-36

Time course of serum cardiac enzymes after intracoronary thrombolytic therapy. Creatine kinase, creatine kinase MB isozyme, lactate dehydrogenase, and serum glutamic-oxaloacetic transaminase. Wei JY, et al. **Arch Intern Med** 1985 Sep;145(9):1596-600

The management of metastatic germ cell tumours and the clinical utility of lactate dehydrogenase estimations. Gill PG, et al. **Aust NZ J Surg** 1985 Apr;55(2):133-40

Plasma lactic dehydrogenase activities in men during bed rest with exercise training. Greenleaf JE, et al. **Aviat Space Environ Med** 1985 Mar;56(3):193-8

Levels of serum lactic dehydrogenase in ovarian carcinoma. Lui TL, et al. **Chin Med J [Engl]** 1984 Apr;97(4):273-77

Lactate dehydrogenase activity in platelets and plasma [letter] Evans G. **Clin Chem** 1985 Jan;31(1):165-6

Biological variance of total lactate dehydrogenase and its isoenzymes in human serum. Moses GC, et al. **Clin Chem** 1984 Nov;30(11):1737-41

Interpretation of abnormal serum enzyme activities in occult diseases [letter] Nemesanszky E, et al. **Clin Chem** 1985 Jan; 31(1):170-1

Activity of some lysosomal enzyme in rheumatoid and psoriatic arthritis. Mikulíková D, et al. **Clin Rheumatol** 1984 Dec;3(4):515-9

Analysis of serum lactic dehydrogenase levels and its isoenzymes in ovarian dysgerminoma. Fujii S, et al. **Gynecol Oncol** 1985 Sep;22(1):65-72

Serum lactic dehydrogenase (SLDH) in germ cell malignancies of the ovary. Lui TL, et al. **Gynecol Oncol** 1984 Nov;19(3):355-7

Influence of therapeutic radiation on serum enzyme levels in patients with cancer of thoracic oesophagus. Nyandieka HS. **Indian J Med Res** 1984 Jun;79:797-800

Serum cholinesterase and lactate dehydrogenase levels in cases of squamous cell carcinoma of oral cavity. Khan N, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):185-8

Bioluminescent assay of lactate dehydrogenase and its isoenzyme-1 activity. Prâhl MS, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):325-35

Levels of lactate dehydrogenase and creatine kinase in plasma of fluoride-treated rabbits. Nedeljković M, et al. **J Appl Toxicol** 1985 Feb;5(1):11-3

The L.D. zymogram--something for everybody. Abraham P, et al. **J Assoc Physicians India** 1984 Sep;32(9):769-70

Serum L.D.H. zymogram in cirrhosis and malignancy of the liver. Dube GK, et al. **J Assoc Physicians India** 1984 Sep; 32(9):773-5

Relationship between electrocardiographically and enzymatically estimated size in anterior myocardial infarction. Herlitz J, et al. **J Electrocardiol** 1984 Oct; 17(4):361-70

Circulating levels of myoglobin and muscle enzymes in acromegaly: effects of growth-hormone reduction by therapy. Giampietro O, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):263-70

Circulating levels of myoglobin and muscle enzymes in uremics on regular dialytic treatment (RDT): effect of the single dialysis. Giampietro O, et al. **Life Support Syst** 1985 Jan-Mar;3(1):86-8

Serum lactate dehydrogenase and bone marrow metastasis in small-cell carcinoma of the lung [letter] **N Engl J Med** 1985 Sep 19;313(12):759-60

Serum lactate dehydrogenase and bone marrow involvement in small-cell carcinoma of the lung [letter] Doll DC. **N Engl J Med** 1985 May 9;312(19):1262

Nutritional evaluation of serum lactate dehydrogenase levels in humans. Imaki M, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):541-5

Prognostic significance of serum lactic acid dehydrogenase in Ewing's tumor of bone. Bacci G, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):89-96

Prognostic value of the determination of serum lactic dehydrogenase and its isoenzymes in children with acute lymphoblastic leukaemia. Hiçsönmez G, et al. **Scand J Haematol** 1985 Mar;34(3):256-60

The concentration of choline and the activities of cholinesterases, creatine kinase and lactate dehydrogenase in the blood plasma of piglets with the syndrome of splayleg (congenital myofibrillar hypoplasia). Tuček S, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):1-10

[Serum lactic dehydrogenase assay in the diagnosis and therapeutic monitored of ovarian carcinoma] Mi RR. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):81-4, 126 (Eng. Abstr.) **(Chi)**

[Serum enzymology in the goat: the usual levels of CPK, LDH, ICDH and SDH] Garnier F, et al. **Ann Rech Vet** 1984;15(1):55-8 (Eng. Abstr.) **(Fre)**

[Prediction of remission in adult acute leukemia--the application of LDH/LCBM Index in a remission predictive model] Miyachi H, et al. **Rinsho Ketsueki** 1984 Oct; 25(10):1626-9 (Eng. Abstr.) **(Jpn)**

[Cytochemical analysis of selected dehydrogenases in peripheral blood leukocytes of workers exposed to polychlorinated pesticides] Hrycek A, et al. **Med Pr** 1984; 35(3):185-9 (Eng. Abstr.) **(Pol)**

[Recommendations on the use of 'Lachema' (ChSSR) and 'Fermognost' (GDR) reagent kits for determining total lactate dehydrogenase activity and its urea-resistant fractions] Kapitonova ZD, et al. **Lab Delo** 1985;(4):248-9 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Cerebrospinal fluid lactate and lactate dehydrogenase levels as diagnostic aids in tuberculous meningitis. Donald PR, et al. **S Afr Med J** 1985 Jan 5;67(1):19-20

DEFICIENCY

Estimation of the gene frequency of lactate dehydrogenase subunit deficiencies. Maekawa M, et al. **Am J Hum Genet** 1984 Nov;36(6):1204-14

Lactate dehydrogenase-deficient mutants of serotype g Streptococcus mutans. Salem HH, et al. **J Dent Res** 1985 Oct;64(10):1191-4

GENETICS

Differences in tissue expressions of enzyme activities in interspecific sunfish (Centrarchidae) hybrids and their backcross progeny. Pasdar M, et al. **Biochem Genet** 1984 Oct;22(9-10):931-56

Nucleotide sequence of the respiratory D-lactate dehydrogenase gene of Escherichia coli. Campbell HD, et al. **Eur J Biochem** 1984 Oct 15;144(2):367-73

Polymorphism of lactate dehydrogenase B subunit in rat erythrocytes. Stolc V. **Genet Res** 1985 Feb;45(1):101-6

Overproduction and nucleotide sequence of the respiratory D-lactate dehydrogenase of Escherichia coli. Rule GS, et al. **J Bacteriol** 1985 Mar;161(3):1059-68

Regulation of mRNAs for three enzymes in the glial cell model C6 cell line. Kumar S, et al. **J Neurochem** 1984 Nov; 43(5):1455-63

Cloning studies on the gene coding for L-(+)-lactate dehydrogenase of Plasmodium falciparum. Simmons DL, et al. **Mol Biochem Parasitol** 1985 May;15(2):231-43

Epidermal growth factor or serum stimulation of rat fibroblasts induces an elevation in mRNA levels for lactate dehydrogenase and other glycolytic enzymes. Matrisian LM, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):711-26

IMMUNOLOGY

Binding of antibodies against antigenic domains of murine lactate dehydrogenase-C4 to human and mouse spermatozoa. Beyler SA, et al. **Biol Reprod** 1985 Jun; 32(5):1201-10

ISOLATION & PURIFICATION

Baker's yeast flavocytochrome b2. A mechanistic study of the dehydrohalogenation reaction. Urban P, et al. **Eur J Biochem** 1984 Oct 15;144(2):345-51

Lactate dehydrogenase from Streptococcus mutans: purification, characterization, and crossed antigenicity with lactate dehydrogenases from Lactobacillus casei, Actinomyces viscosus, and Streptococcus sanguis. Sommer P, et al. **Infect Immun** 1985 Feb;47(2):489-95

[Studies of human lactate dehydrogenase-x (C4) [LDH-X(C4)]. 1. Purification of human LDH-X(C4)] Uchijima Y, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):546-53 (Eng. Abstr.) **(Jpn)**

METABOLISM

Compartmented pyruvate in perfused working heart. Bünger R. **Am J Physiol** 1985 Sep;249(3 Pt 2):H439-49

Measurement of total lactate dehydrogenase activity. Vanderlinde RE. **Ann Clin Lab Sci** 1985 Jan-Feb; 15(1):13-31 (110 ref.)

A progestin effect on lactate dehydrogenase in the human breast cancer cell line T-47D. Hagley RD, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):520-4

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: I. Key enzymes of glycolysis and lactate dehydrogenase. Dixit A, et al. **Biochem Int** 1983 Dec; 7(6):695-706

Dimers of porcine skeletal muscle lactate dehydrogenase produced by limited proteolysis during reassociation are enzymatically active in the presence of stabilizing salt. Girg R, et al. **Biochem Int** 1983 Oct;7(4):433-41

Acceleration of the NAD cyanide adduct reaction by lactate dehydrogenase: the equilibrium binding effect as a measure of the activation of bound NAD. Burgner JW 2d, et al. **Biochemistry** 1984 Jul 31;23(16):3620-6

On the origin of the lactate dehydrogenase induced rate effect. Burgner JW 2d, et al. **Biochemistry** 1984 Jul 31; 23(16):3636-48

The lactate dehydrogenase catalyzed pyruvate adduct reaction: simultaneous general acid-base catalysis involving an enzyme and an external catalyst. Burgner JW 2d, et al. **Biochemistry** 1984 Jul 31;23(16):3626-35

Molecular basis for the transfer of nicotinamide adenine dinucleotide among dehydrogenases. Srivastava DK, et al. **Biochemistry** 1985 Jan 29;24(3):629-35

Changes in the state of subunit association of lactate dehydrogenase from Bacillus stearothermophilus. Clarke AR, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):375-9

The use of auramine O to study ligand binding and subunit cooperativity of lactate dehydrogenase. Ivanov MV, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):216-23

Study of a time lag in the assay of Escherichia coli membrane-bound dehydrogenases based on tetrazolium salt reduction. Massa EM, et al. **Biochim Biophys Acta** 1985 Feb 4;827(2):150-6

Mechanism and specificity of reconstitution of dimeric lactate dehydrogenase from Limulus polyphemus. Gerl M, et al. **Biol Chem Hoppe Seyler** 1985 May;366(5):447-54

Ligand binding and stabilization of malate- and lactate dehydrogenase. Hönes J. **Biol C[illegible] Hoppe Seyler** 1985 Jun;366(6):561-6

Kinetics of activation of L-lactate dehydrogenase from Streptococcus lactis by fructose 1,6-bisphosphate. Hardman MJ, et al. **Eur J Biochem** 1985 Jan 2;146(1):179-83

Kinetic analysis of lactate dehydrogenase in cultured chondrocytes by quantitative cytochemistry. Monet JD, et al. **Eur J Biochem** 1985 May 2;148(3):587-91

L-Lactate dehydrogenase from Thermus caldophilus GK24, an extremely thermophilic bacterium. Desensitization to fructose 1,6-bisphosphate in the activated state by arginine-specific chemical modification and the N-terminal amino acid sequence. Taguchi H, et al. **Eur J Biochem** 1984 Dec 3;145(2):283-90

Cytochemical studies of acid phosphatase, adenosine triphosphatase and lactic dehydrogenase activity in thioacetamide-induced hepatoma. Amin AM, et al. **Folia Morphol (Praha)** 1984;32(3):307-12

Microbiochemical investigation on diurnal rhythmic changes of the activities of the lactate dehydrogenase in the periportal and perivenous zones of the acinus of the rat liver. Hildebrand R, et al. **Histochemistry** 1984;81(5):477-83

Intramolecular hydride transfer of a combined coenzyme-substrate analog by D- and L-lactate dehydrogenases. Philipp R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Aug;365(8):877-84

Effect of experimental arrhythmias and antiarrhythmic drugs on succinate dehydrogenase and lactate dehydrogenase activity in cat heart. Pande M, et al. **Indian J Exp Biol** 1984 Mar;22(3):149-52

Fructose 1,6-bisphosphate-dependent L-lactate dehydrogenase from Thermus aquaticus YT-1, an extreme thermophile: activation by citrate and modification reagents and comparison with Thermus caldophilus GK24 L-lactate dehydrogenase. Machida M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):899-909

Intermolecular hydrogen transfer catalyzed by a flavodehydrogenase, bakers' yeast flavocytochrome b2. Urban P, et al. **J Biol Chem** 1985 Sep 15;260(20):11115-22

Effect of oxygen and endotoxin on lactate dehydrogenase release, 5-hydroxytryptamine uptake, and antioxidant enzyme activities in endothelial cells. Block ER, et al. **J Cell Physiol** 1985 Feb;122(2):240-8

Inverse effects of ethidium bromide on superoxide dismutase and lactate dehydrogenase of Artemia salina embryos. Bremner TA, et al. **J Exp Zool** 1985 Apr;234(1):1-5

Histochemical study of cartilage autografts in tympanoplasty. Elwany S. **J Laryngol Otol** 1985 Jul;99(7):637-42

Lactate dehydrogenase in human maxillary adenocarcinoma and in experimental adenocarcinoma in mice. Gołąbek W, et al. **J Laryngol Otol** 1985 Feb;99(2):171-5

Lactate dehydrogenase, beta-glucuronidase and arylsulfatase activity in gingival crevicular fluid associated with experimental gingivitis in man. Lamster IB, et al. **J Periodontol** 1985 Mar;56(3):139-47

Exclusion of charged macromolecules in the pulmonary interstitium. Gilchrist SA, et al. **Microvasc Res** 1985 Jul; 30(1):88-98

Measurement of enzyme activity in colonic biopsies: a test for premalignancy in ulcerative colitis? Vatn MH, et al.

Scand J Gastroenterol 1984 Oct;19(7):889–92

Enzyme activity and protein patterns as premalignant markers in mucosal biopsy specimens from the large intestine. Vatn MH, et al. **Scand J Gastroenterol [Suppl]** 1985;107:1–7

A study of dynamic development in radiolesion and cell death of eukaryotes after exposure to ionizing radiation––the visualization of the dynamic reaction by means of cytochemical method with lactate dehydrogenase (LDH) as a nuclear marker and radiation-induced nuclear anomalization by an ultramicrostructural manifestation: a dynamic explanation. Chen DL, et al. **Sci Sin [B]** 1985 Jun; 28(6):584–98

A comparative study on enzymatic data from myocardial biopsies and cardiac function in patients who underwent cardiac surgery. van der Laarse A, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):277–82

[Detection of induced enzyme secretion from neutrophilic granulocytes in the human––a marker of cell activation] von Baehr R, et al. **Folia Haematol (Leipz)** 1984; 111(5):692–700 (Eng. Abstr.) **(Ger)**

[Diagnostic value of increased lactate dehydrogenase activity in vaginal secretions for the early detection of diseases requiring treatment of the female genitals and breast] Horbach L, et al. **Geburtshilfe Frauenheilkd** 1984 Oct; 44(10):627–35 (Eng. Abstr.) **(Ger)**

[Histochemical and electrophoretic studies of lactate dehydrogenase (LDH/E.C. 1.1.1.27/) activity in the rat liver following the administration of Biseptol 480 (co-trimoxazole)] Królikowska-Prasal I, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):761–7 (Eng. Abstr.) **(Ger)**

[Early detection of gynecologic neoplasms: value of lactate dehydrogenase in vaginal secretions as a tumor marker] Berger C, et al. **Gynakol Rundsch** 1985;25(1):31–9 **(Ger)**

[Mesopharynx cancers––multifactorial malignancy analysis and therapeutic results] Quade R, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):570–4 (Eng. Abstr.) **(Ger)**

[Linearity of the lactate dehydrogenase reaction. 1. Reaction direction pyruvate––––lactate (P––––L)] Liese W, et al. **Z Med Lab Diagn** 1985;26(2):93–100 (Eng. Abstr.) **(Ger)**

[Effect of alcohol on release of various enzymes from isolated rat liver cells] Sasaki E, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Dec;19(4):309–23 (Eng. Abstr.) **(Jpn)**

[Binding of lactate dehydrogenase to IgA] Hamasaki T, et al. **Rinsho Byori** 1985 Feb;33(2):222–3 **(Jpn)**

[Induction of determined oscillations of lactate dehydrogenase activity after rapid heating] Egorov AA, et al. **Biofizika** 1985 Jan–Feb;30(1):159–60 (Eng. Abstr.) **(Rus)**

[Detection of complexes in the rat liver which contain lactate dehydrogenase, using centrifugation in a medium with a dissolved enzyme] Kliachko OS, et al. **Biokhimiia** 1984 Oct; 49(10):1661–5 (Eng. Abstr.) **(Rus)**

[Effect of tuftsin on the activity of energy metabolism enzymes in peritoneal macrophages] Shishova MB, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):306–8 (Eng. Abstr.) **(Rus)**

[Effect of electrostimulation of the hypothalamus on the lactate and malate dehydrogenase activity and isoenzyme composition of the rat myocardium] Masiuk AI, et al. **Fiziol Zh** 1985 Jan–Feb;31(1):1–6 (Eng. Abstr.) **(Rus)**

[Enzyme activity and tubular dysfunction in patients with latent glomerulonephritis] Ospanova TS. **Vrach Delo** 1985 Feb;(2):45–8 **(Rus)**

[Determination of total lactate dehydrogenase and its isoenzymes in ascitic fluid] López JE, et al. **GEN** 1984 Jan–Jun;38(1–2):12–37 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Ontogenic variations in the interactions of lactate dehydrogenase isozymes with cellular structure. Reid S, et al. **Mech Ageing Dev** 1985 Jun;31(1):69–87

RADIATION EFFECTS

Effect of hyperthermia and gamma-radiation on Escherichia coli K1060 D-lactate dehydrogenase. Tamba M, et al. **Int J Radiat Biol** 1984 Dec;46(6):771–8

SECRETION

Cell surface events which may initiate lysosomal enzyme secretion by human monocytes. Leoni P, et al. **Eur J Immunol** 1984 Nov;14(11):997–1002

URINE

Urinary lactate dehydrogenase isoenzyme analysis in adult population. Sun T, et al. **Ann Clin Lab Sci** 1985 Jan–Feb; 15(1):32–8

Urinary enzyme measurements as sensitive indicators of chronic cadmium nephrotoxicity. Bomhard E, et al. **Contrib Nephrol** 1984;42:142–7

Urine lactic dehydrogenase––an aid in the management of patients with spinal cord injury. Newman E, et al. **Int Rehabil Med** 1984;6(4):170–2

[Intraoperative renal function and urinary beta 2-microglobulin and enzymes] Takehara Y, et al. **Masui** 1984 Sep;33(9):975–9 (Eng. Abstr.) **(Jpn)**

[Activity of various urinary enzymes in workers engaged in the production of polychlorinated pesticides] Kossmann S, et al. **Med Pr** 1984;35(6):403–7 (Eng. Abstr.) **(Pol)**

LACTATE DEHYDROGENASE ISOENZYMES

ANALYSIS

Analysis of isoenzymes in normal and carcinogen-treated human endometrial stromal cells in culture. Nelson KG, et al. **Carcinogenesis** 1985 Feb;6(2):181–8

Quantitative cytochemistry of lactate dehydrogenase activity. Henderson B. **Cell Biochem Funct** 1984 Jul;2(3):149–52

Clinical biochemistry of lactate dehydrogenase. Skillen AW. **Cell Biochem Funct** 1984 Jul;2(3):140–4 (111 ref.)

Differentiation of mislabeled samples by LDH isoenzyme assay [letter] Pappas AA, et al. **Clin Chem** 1985 May; 31(5):786–7

Tissue LDH isoenzyme assays in the detection of colonic carcinoma [letter] Walton B, et al. **Clin Chem** 1985 Jan; 31(1):163

An inexpensive lyophilized quality-control material for cardiac isoenzymes [letter] Wu AH, et al. **Clin Chem** 1984 Oct;30(10):1718–9

Macro lactate dehydrogenase (LD) due to protein binding of LD isoenzyme 1. Devine JE, et al. **Enzyme** 1984; 32(3):184–7

A new variant of lactate dehydrogenase isoenzyme in human saliva. Liu TZ, et al. **Enzyme** 1984;32(4):232–4

L.D.H. isoenzymes sub-unit ratio in leprosy and the effect of clofazimine treatment on L.D.H. isoenzymes sub-unit. Bulakh PM, et al. **Ind J Lepr** 1985 Jan–Mar;57(1):115–23

Isoenzymes of mycobacteria. II. Relevance of LDH zymograms in taxonomy and identification. Katoch VM, et al. **Ind J Lepr** 1985 Jan–Mar;57(1):107–14

Isoenzyme patterns of mycobacteria. I. Factors influencing LDH isoenzymes of mycobacteria. Sharma VD, et al. **Ind J Lepr** 1985 Jan–Mar;57(1):97–106

In vivo study of LDH isoenzyme activities in heart, liver and testis cytosols of gossypol-treated rats. Steiner M, et al. **Int J Androl** 1984 Dec;7(6):521–8

Polyacrylamide disc electrophoresis of human semen lactate dehydrogenase in the presence of sulfur compounds. Gershbein LL. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):243–51

Lactate dehydrogenase isoenzymes in the lungs of sheep with acute and chronic pneumonia. Milne EM, et al. **Vet Res Commun** 1984 Aug;8(3):211–6

Cost-effective myocardial isoenzyme determination. Minor M, et al. **W Va Med J** 1985 Jul;81(7):139–42

[Value of tissue lactic dehydrogenase (LDH) and its isoenzymes in the diagnosis of carcinoma of the esophagus and gastric cardia] Xu JJ. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):273–7 (Eng. Abstr.) **(Chi)**

[Lactate dehydrogenase enzymes and isoenzymes in the diagnosis of forms of acute and postoperative pancreatitis] Trunin MA, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):50–5 (Eng. Abstr.) **(Rus)**

[Differential diagnostic importance of determining lactate dehydrogenase in stomach biopsies] Shukurian SG, et al. **Klin Med (Mosk)** 1985 Apr;63(4):68–72 (Eng. Abstr.) **(Rus)**

[Changes in the lactate dehydrogenase isoenzyme spectrum during T-lymphocyte differentiation] Toporkova LB, et al. **Tsitologiia** 1985 Feb;27(2):213–5 (Eng. Abstr.) **(Rus)**

[LDH isoenzymes in the gastric tissue of patients subjected to surgical treatment for cancer] de la Fuente Perucho A, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):103–8 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Lactate dehydrogenase associated with the mitochondrial fraction and with a mitochondrial inhibitor––II. Enzyme interaction with a mitochondrial inhibitor. Lluis C. **Int J Biochem** 1984;16(9):1005–13

Effect of benzyl alcohol on lactate dehydrogenase isoenzymes. Samson P, et al. **Proc West Pharmacol Soc** 1984;27:281–4

BLOOD

Time course of alpha-1-acid glycoprotein and its relation to myocardial enzymes after acute myocardial infarction. Giardina EG, et al. **Am J Cardiol** 1985 Aug 1;56(4):262–5

Lactate dehydrogenase isozyme and hypothyroidism [letter] Tajiri J, et al. **Arch Intern Med** 1985 Oct;145(10):1929–30

Lactate dehydrogenase-6. A biochemical sign of serious hepatic circulatory disturbance. Wolf PL. **Arch Intern Med** 1985 Aug;145(8):1396–7

Plasma lactic dehydrogenase activities in men during bed rest with exercise training. Greenleaf JE, et al. **Aviat Space Environ Med** 1985 Mar;56(3):193–8

Changes in the serum LDH isoenzymes in monkey during chronic exposure to simulated high altitude. Osada H, et al. **Aviat Space Environ Med** 1985 Apr;56(4):362–6

Anticancer drug screening test with LDH in nude mouse bearing bone and soft part sarcoma. Nakamura T, et al. **Cancer** 1985 Sep 1;56(5):1112–6

Lymphocyte lactate dehydrogenase isoenzymes in association with depressed mitogen responsiveness. Hannigan B, et al. **Cell Biol Int Rep** 1984 Oct;8(10):857–65

The two out of three criteria for the diagnosis of infarction. Is it passe? [editorial] Roberts R. **Chest** 1984 Oct; 86(4):511–3

More on 'flipped' lactate dehydrogenase patterns in myocardial infarction [letter] Bruns DE, et al. **Clin Chem** 1984 Nov;30(11):1881–2

Enzyme activities and hypothyroidism [letter] de Silva LV. **Clin Chem** 1984 Nov;30(11):1890–1

Automated kinetic assay for lactate dehydrogenase isoenzyme 1 by centrifugal analysis after alkaline inactivation. Eckfeldt JH, et al. **Clin Chem** 1984 Nov; 30(11):1821–4

Unreliability of immunochemical determination of lactate dehydrogenase isoenzyme-1 in heparinized plasma. Lum G. **Clin Chem** 1984 Nov;30(11):1807–8

Biological variation of lactate dehydrogenase isoenzyme-1/isoenzyme-2 ratio [letter] Moses GC, et al. **Clin Chem** 1985 Jun;31(6):1072–3

Biological variance of total lactate dehydrogenase and its isoenzymes in human serum. Moses GC, et al. **Clin Chem** 1984 Nov;30(11):1737–41

Association of an oxygen-sensitive lactate dehydrogenase isoenzyme, LDk, with LD-6 in serum of critically ill patients. Onorato VA, et al. **Clin Chem** 1984 Oct; 30(10):1603–6

Another lactate dehydrogenase IgA complex in serum [letter] Sacchetti L, et al. **Clin Chem** 1985 Jul;31(7):1254

Aberrant creatine kinase and lactate dehydrogenase response in a myocardial infarct patient. Smalley DL, et al. **Clin Chem** 1984 Oct;30(10):1708–9

Activity of lactate dehydrogenase isoenzymes LD1 and LD2 in serum as determined by using an inhibitor of the M-subunit. Tanishima K, et al. **Clin Chem** 1985 Jul; 31(7):1175–7

Variant expression of lactate dehydrogenase complexes, interfering with isoenzyme analysis. de Rijke D, et al. **Clin Chim Acta** 1985 Mar 15;146(2–3):135–45

Lactate dehydrogenase isoenzymes in diabetic patients. Nair RM, et al. **Clin Physiol Biochem** 1985;3(4):157–65

Analysis of serum lactic dehydrogenase levels and its isoenzymes in ovarian dysgerminoma. Fujii S, et al. **Gynecol Oncol** 1985 Sep;22(1):65–72

LDH isoenzyme pattern in ischaemic heart diseases and high risk factor groups. Das BS, et al. **Indian Heart J** 1984 Nov–Dec;36(6):375–8

Bioluminescent assay of lactate dehydrogenase and its isoenzyme-1 activity. Prâhl MS, et al. **J Appl Biochem** 1984 Oct–Dec;6(5–6):325–35

The L.D. zymogram––something for everybody. Abraham P, et al. **J Assoc Physicians India** 1984 Sep;32(9):769–70

Serum L.D.H. zymogram in cirrhosis and malignancy of the liver. Dube GK, et al. **J Assoc Physicians India** 1984 Sep; 32(9):773–5

Evaluation of a new double antibody procedure for the immunochemical assay of lactate dehydrogenase isoenzyme 1 in serum. Paoli C, et al. **J Nucl Med Allied Sci** 1984 Apr–Jun;28(2):91–8

Circulating levels of myoglobin and muscle enzymes in uremics on regular dialytic treatment (RDT): effect of the single dialysis. Giampietro O, et al. **Life Support Syst** 1985 Jan–Mar;3(1):86–8

Immunochemical determination of CK-MB and LDH-1 in the community hospital. Koerber RK, et al. **Nebr Med J** 1984 Oct;69(10):330–4

'Cardiac' enzymes after transurethral resection of the prostate. Ström S. **Scand J Urol Nephrol** 1984;18(4):289–92

[Lactate dehydrogenase isoenzymes in the diagnosis of hepatobiliary diseases] Iordanova Iu, et al. **Vutr Boles** 1984; 23(6):55–60 (Eng. Abstr.) **(Bul)**

[Preliminary analysis of serum lactate dehydrogenase isoenzymes in patients of blackfoot disease] Lu FJ, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1001–5 (Eng. Abstr.) **(Chi)**

[Characteristics of lactate dehydrogenase (LDH) isozyme in human cancers transplanted into nude mice and its application to the evaluation of experimental chemotherapy] Fujita F, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2212–20 (Eng. Abstr.) **(Jpn)**

[Clinical significance of determining lactate and malate dehydrogenase isoenzymes and hepatic ultrastructure in acute liver failure] Kozyrev MA. **Klin Med (Mosk)** 1984 Jul;62(7):101–5 (Eng. Abstr.) **(Rus)**

[Recommendations on the use of 'Lachema' (ChSSR) and 'Fermognost' (GDR) reagent kits for determining total lactate dehydrogenase activity and its urea-resistant fractions] Kapitonova ZD, et al. **Lab Delo** 1985;(4):248–9 (Eng. Abstr.) **(Rus)**

[Isoenzymes in patients with protracted viral hepatitis and their significance in the clinical course of the disease] Andriutsa KA. **Ter Arkh** 1985;57(5):133–7 **(Rus)**

[Retrospective evaluation of indicators of cardiospecific blood isoenzyme activity in patients with stenocardia and primary and recurrent myocardial infarction] Makarovskii VV, et al. **Ter Arkh** 1985;57(5):62–8 (Eng. Abstr.) **(Rus)**

[Lactate dehydrogenase activity and its isoenzyme in a system coupled with bacterial luciferase] Ismailov AD, et al. **Vopr Med Khim** 1984;30(6):45–50 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Lactate dehydrogenase and cell injury. Danpure CJ. **Cell Biochem Funct** 1984 Jul;2(3):144–8 (116 ref.)

GENETICS

Linkage of lactate dehydrogenase-2, Ldh-2, in the mouse. Peters J, et al. **Biochem Genet** 1985 Apr;23(3-4):217-25

Genetic, developmental and evolutionary aspects of the lactate dehydrogenase isozyme system. Whitt GS. **Cell Biochem Funct** 1984 Jul;2(3):134-9 (138 ref.)

Lactate dehydrogenase isozymes and allozymes of the nine-spined stickleback Pungitius pungitius (L.) (Osteichthyes: Gasterosteidae). Rooney CH, et al. **Comp Biochem Physiol [B]** 1985;81(3):711-5

Protein structure and gene organization of mouse lactate dehydrogenase-A isozyme. Li SS, et al. **Eur J Biochem** 1985 Jun 3;149(2):215-25

Nucleotide sequences of the cDNA and an intronless pseudogene for human lactate dehydrogenase-A isozyme. Tsujibo H, et al. **Eur J Biochem** 1985 Feb 15;147(1):9-15

Mapping parathyroid hormone, beta-globin, insulin, and LDH-A genes within the human chromosome 11 short arm by spot blotting sorted chromosomes. Lebo RV, et al. **Hum Genet** 1985;69(4):316-20

Isolation and characterization of a cDNA and a pseudogene for mouse lactate dehydrogenase-A isozyme. Akai K, et al. **Int J Biochem** 1985;17(5):645-8

Identification of lactate dehydrogenase-M polypeptide translated in vitro from human and mouse tumor cell poly(A)-containing messenger RNA. Wu GJ, et al. **Int J Biochem** 1985;17(3):355-63

[A new case of partial monosomy of chromosome 12,del(12)(p11.01 to p12.109) confirming the location of the gene for lactate dehydrogenase B] Boilly-Dartigalongue B, et al. **Ann Genet (Paris)** 1985; 28(1):55-7 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Immunochemical dissection of the testes-specific isozyme lactate dehydrogenase C4. Wheat TE, et al. **Ann NY Acad Sci** 1984;438:156-70

Induction of cell-mediated cytotoxic immunity to sperm-specific lactate dehydrogenase-C4 in SJL/J female mice. Shelton JA, et al. **Biol Reprod** 1985 Apr;32(3):556-60

Specificity of autoantibodies to lactate dehydrogenase isoenzyme subunits. Podlasek SJ, et al. **Clin Chem** 1985 Apr;31(4):527-32

From LDH-B to J: an involuntary trip. Klein J, et al. **Immunol Rev** 1985 Apr;83:61-77 (35 ref.)

Antigenic domains of the sperm-specific lactate dehydrogenase C4 isozyme. Wheat TE, et al. **Mol Immunol** 1985 Jun;22(6):643-9

An evaluation of heterologous antibodies to lactate dehydrogenase-C in the detection of mutations. Burkhart JG, et al. **Mutat Res** 1985 Jan-Feb;148(1-2):135-49

[Detection of enzyme-bound immunoglobulins by electrosyneresis] Horii K. **Rinsho Byori** 1984 Nov;Spec No 60:50-8 **(Jpn)**

[Relation between frequency of the development of enzyme-binding immunoglobulins and pathophysiology. LDH-bound immunoglobulin] Nagamine M. **Rinsho Byori** 1984 Nov;Spec No 60:90-7 **(Jpn)**

[Molecular sizes of enzyme-bound immunoglobulins] Nakayama T. **Rinsho Byori** 1984 Nov;Spec No 60:59-67 **(Jpn)**

[Detection of enzyme-bound immunoglobulins by the immuno-mixing method] Shibata H, et al. **Rinsho Byori** 1984 Nov;Spec No 60:44-9 **(Jpn)**

[Antigen recognition by enzyme-binding immunoglobulins] Sugita O. **Rinsho Byori** 1984 Nov;Spec No 60:77-84 **(Jpn)**

[Relation between frequency of the development of enzyme-bound immunoglobulin and pathophysiology. LDH-binding immunoglobulin-- estimation of its frequency in normal subjects] Tsutsumi Y. **Rinsho Byori** 1984 Nov;Spec No 60:85-9 **(Jpn)**

[Detection of enzyme-bound immunoglobulins by affinity electrophoresis] Yamamoto K. **Rinsho Byori** 1984 Nov; Spec No 60:34-43 **(Jpn)**

[Analysis of suppressor pathway--cellular interaction of the lactate dehydrogenase B suppressor pathway] Ishii N, et al. **Tanpakushitsu Kakusan Koso** 1984 Jul;29(7):523-32 (28 ref.) **(Jpn)**

ISOLATION & PURIFICATION

Biochemical purification of monkey and human LDH isoenzyme 5 suitable as immunization antigen. Paoli C, et al. **Ital J Biochem** 1985 Jan-Feb;34(1):11-8

A comparative assessment of lactate dehydrogenase isozymes, LDHk and LDH5. Evans MJ, et al. **J Biol Chem** 1985 Jan 10;260(1):306-14

Additional lactate dehydrogenase (LDH) isoenzymes in normal testis and spermatozoa of adult man. Skude G, et al. **MGG** 1984;198(1):172-4

METABOLISM

Some molecular features of human cervical mucus. Fabiani L, et al. **Acta Eur Fertil** 1985 Mar-Apr;16(2):111-5

Thallium perfusion and cardiac enzyme abnormalities in patients with familial hypertrophic cardiomyopathy. Nagata S, et al. **Am Heart J** 1985 Jun;109(6):1317-22

Alterations in rat lactate dehydrogenase: age-related comparison of M- and H-LDH. Prabhakaram M, et al. **Biochem Int** 1984 Sep;9(3):399-404

Membrane-bound lactate dehydrogenases and mandelate dehydrogenases of Acinetobacter calcoaceticus. Location and regulation of expression. Allison N, et al. **Biochem J** 1985 May 1;227(3):753-7

The use of limited proteolysis in studies on protein folding and association. Rudolph R. **Biochem Soc Trans** 1985 Apr; 13(2):308-11

The rates of defined changes in protein structure during the catalytic cycle of lactate dehydrogenase. Clarke AR, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):397-407

Serum lactate dehydrogenase isoenzyme-1 in children with yolk sac tumor. Kinumaki H, et al. **Cancer** 1985 Jul 1; 56(1):178-81

Abnormal lactate dehydrogenase isoenzyme in serum and tumor tissue of a patient with neuroblastoma. Otsu N, et al. **Clin Chem** 1985 Feb;31(2):318-20

Immunochemical properties of immunoglobulin G conjugated with lactate dehydrogenase. Sudo K, et al. **Clin Chem** 1985 Jul;31(7):1178-81

Lactate dehydrogenase isoenzymes as a new tool for classifying clinical isolates of Pseudomonas aeruginosa. Palav VD, et al. **Indian J Med Res** 1984 Nov;80:516-20

Lactate dehydrogenase associated with the mitochondrial fraction and with a mitochondrial inhibitor--I. Enzyme binding to the mitochondrial fraction. Lluis C. **Int J Biochem** 1984;16(9):997-1004

In vitro detection of endothelial cell damage using 2-deoxy-D-3H-glucose: comparison with chromium 51, 3H-leucine, 3H-adenine, and lactate dehydrogenase. Andreoli SP, et al. **J Lab Clin Med** 1985 Sep;106(3):253-61

Myasthenia gravis: long-term prognostic value of thymus lactate dehydrogenase isoenzyme pattern of hyperplastic thymus and thymoma. Szathmáry I, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):757-61

Isoenzyme studies in human leukemia-lymphoma cell lines--IV. Lactate dehydrogenase. Drexler HG, et al. **Leuk Res** 1985;9(5):561-71

Glutamine synthetase and energy metabolism enzymes in cultured chick glial cells: modulation by dibutyryl cyclic AMP, hydrocortisone, and trypsinization. Tholey G, et al. **Neurochem Res** 1985 Feb;10(2):191-200

Identification of a nucleic acid helix-destabilizing protein from rat liver as lactate dehydrogenase-5. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5260-4

Rat plasma heart and testicular lactate dehydrogenase: subcellular distribution and kinetic properties. Messiha FS, et al. **Proc West Pharmacol Soc** 1984;27:285-8

[Distribution of lactate dehydrogenase isoenzymes in human myocardium obtained from endomyocardial biopsies] Ferrière M, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb; 34(2):61-4 (Eng. Abstr.) **(Fre)**

[Histochemical and electrophoretic studies of lactate dehydrogenase (LDH/E.C. 1.1.1.27/) activity in the rat liver following the administration of Biseptol 480 (co-trimoxazole)] Królikowska-Prasał I, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):761-7 (Eng. Abstr.) **(Ger)**

[Effect of electrostimulation of the hypothalamus on the lactate and malate dehydrogenase activity and isoenzyme composition of the rat myocardium] Masiuk AI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):1-6 (Eng. Abstr.) **(Rus)**

[Effect of organotin compounds on lactate dehydrogenase isoenzyme content of the liver and blood serum of rats] Levitskaia VN, et al. **Gig Sanit** 1985 Jan;(1):91-2 **(Rus)**

[Possible correction of the isoenzyme spectrum of lactate dehydrogenase in the developing rat brain in antenatal hypoxia] Kopaladze RA, et al. **Vopr Med Khim** 1984; 30(6):17-21 (Eng. Abstr.) **(Rus)**

[Determination of total lactate dehydrogenase and its isoenzymes in ascitic fluid] López JE, et al. **GEN** 1984 Jan-Jun;38(1-2):12-37 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Lactate dehydrogenase. Biochemistry and function of lactate dehydrogenase. Markert CL. **Cell Biochem Funct** 1984 Jul; 2(3):131-4 (59 ref.)

URINE

Critical evaluation of the diagnostic use of urinary enzymes. Dubach UC, et al. **Contrib Nephrol** 1984;42:74-80 (26 ref.)

LACTATE DEHYDROGENASE VIRUS

IMMUNOLOGY

Ultrastructural and immunofluorescent studies of acute and chronic lactate dehydrogenase elevating virus-induced nonparalytic poliomyelitis in mice. Stroop WG, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):261-74

METABOLISM

Cell surface receptors for lactate dehydrogenase-elevating virus on subpopulation of macrophages. Kowalchyk K, et al. **Virus Res** 1985 Apr;2(3):211-29

PATHOGENICITY

LDH-viral activity transferred with cell surface antigens of Gardner lymphosarcoma cells. Short communication. Motyčka K, et al. **Z Versuchstierkd** 1984;26(5):209-10

PHYSIOLOGY

Isotypically restricted activation of B lymphocytes by lactic dehydrogenase virus. Coutelier JP, et al. **Eur J Immunol** 1985 Mar;15(3):250-5

Ia antigens and Fc receptors of mouse peritoneal macrophages as determinants of susceptibility to lactic dehydrogenase virus. Inada T, et al. **J Gen Virol** 1985 Jul; 66 (Pt 7):1469-77

LACTATES

Lactate infusions in obsessive-compulsive disorder. Gorman JM, et al. **Am J Psychiatry** 1985 Jul;142(7):864-6

Insulin levels during lactate infusion. Gorman JM, et al. **Am J Psychiatry** 1984 Dec;141(12):1621-2

Specificity of lactate infusions in social phobia versus panic disorders. Liebowitz MR, et al. **Am J Psychiatry** 1985 Aug; 142(8):947-50

Fluid loading increases oxygen consumption in septic patients with lactic acidosis. Haupt MT, et al. **Am Rev Respir Dis** 1985 Jun;131(6):912-6

Lactulose and severe lactic acidosis [letter] Mann NS, et al. **Ann Intern Med** 1985 Oct;103(4):637

Effect of acute beta-adrenergic blockade on lactate-induced panic [letter] Rainey JM Jr, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):104-5

Preparation and evaluation in vitro and in vivo of polylactic acid microspheres containing doxorubicin. Juni K, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):313-8

Carbon-PGLA prostheses for ligament reconstruction. Experimental basis and short-term results in man. Bercovy M, et al. **Clin Orthop** 1985 Jun;(196):159-68

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139-42

Rotator cuff repair with carbon filament. A preliminary report of five cases. Post M. **Clin Orthop** 1985 Jun; (196):154-8

Treatment of chronic anterior knee instabilities with combined intra- and extra-articular transfer augmented with carbon-PLA fibers. Witvoet J, et al. **Clin Orthop** 1985 Jun;(196):143-53

Phenformin-associated lactic acidosis: that genie again [editorial] Abraham P, et al. **J Assoc Physicians India** 1984 Nov;32(11):933-4

Beneficial effects of fasting and low carbohydrate diet in D-lactic acidosis associated with short-bowel syndrome. Ramakrishnan T, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):361-3

Lacticacidosis and thiamine deficiency [letter] Hoorntje SJ, et al. **Lancet** 1984 Oct 6;2(8406):807

Breast cancer and lactic acidosis. An unusual metabolic complication. Ellis RW. **Minn Med** 1985 Jun;68(6):441-2

Acetate versus lactate in peritoneal dialysis solutions. Pedersen FB, et al. **Nephron** 1985;39(1):55-8

Amoxapine overdosage and primary lactic acidosis [letter] Cooper GJ, et al. **NZ Med J** 1985 Jul 24;98(783):608-9

Inherited lactic acidosis: correction of the defect in cultured fibroblasts. Goodyer PR, et al. **Pediatr Res** 1984 Nov; 18(11):1144-8

Profound lactic acidosis in a young woman treated with nalidixic acid. Gustafson PR. **Tex Med** 1985 Feb;81(2):53-4

[Pyruvate dehydrogenase deficiency in a child with persistent lactic acidosis] Dworzak E, et al. **J Clin Chem Clin Biochem** 1985 Jun;23(6):323-9 (Eng. Abstr.) **(Ger)**

[Lactic acid acidosis with mitochondrial myopathy due to a pyruvate dehydrogenase deficiency] Sperl W, et al. **Padiatr Padol** 1985;20(1):55-67 (Eng. Abstr.) **(Ger)**

[Mitochondrial encephalomyopathy: a case with MELAS (mitochondrial myopathy, encephalopathy, lactic acidosis and stroke-like episodes)] Goda S, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):216-26 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Lactate provocation of panic attacks. II. Biochemical and physiological findings. Liebowitz MR, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):709-19

Clinical evaluation of sodium bicarbonate, sodium L-lactate, and sodium acetate for the treatment of acidosis in diarrheic calves. Kasari TR, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):392-7

Lactate infusion in anxiety research: its evolution and practice. Sheehan DV, et al. **J Clin Psychiatry** 1985 May; 46(5):158-65

Hypertonic lactated saline resuscitation of severely burned patients over 60 years of age. Bowser-Wallace BH, et al. **J Trauma** 1985 Jan;25(1):22-6

Dissolution of uric acid calculi with intravenous 1/6 molar lactate. Nieh PT, et al. **Urology** 1985 Aug;26(2):129-34

[Effects of rapid infusion on renal excretion--comparisons between maintenance salt solution and lactated Ringer's solution and between racemic lactated solution and L-lactated one] Miyake T, et al. **Masui** 1985 Feb; 34(2):228-35 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Synovial fluid lactate levels in septic and non-septic arthritides. Gobelet C, et al. **Ann Rheum Dis** 1984 Oct; 43(5):742-5

Nonsteroidal antiinflammatory drugs (NSAID). XIV: Thermodynamic acidity constants of some 3-hydroxypropionic acid derivatives. De Maria P, et al. **Arch Pharm (Weinheim)** 1984 Oct;317(10):877-83

Proton nuclear magnetic resonance of human muscle extracts. Arús C, et al. **Clin Physiol Biochem** 1984;2(1):49-55

The diagnosis of bacterial peritonitis: comparison of pH, lactate concentration and leukocyte count. Garcia-Tsao G, et al. **Hepatology** 1985 Jan-Feb;5(1):91-6

Early diagnosis of peritoneal infection by simultaneous measurement of lactate concentration in peritoneal fluid and blood. Reynaert MS, et al. **Intensive Care Med** 1984; 10(6):301-4

Autism and lactic acidosis. Coleman M, et al. **J Autism Dev Disord** 1985 Mar;15(1):1-8

Lactic acid levels in pleural fluid from patients with bacterial pleuritis. Riley TV. **J Clin Microbiol** 1985 Feb;21(2):280-1

[Electron microscopic and chemical studies on the pathologically altered vitreous body] Klemen UM. **Fortschr Med** 1984 Nov 29;102(44):1135-7 (Eng. Abstr.) **(Ger)**

[Relevance of lactate determination in sports medicine] Schwaberger G, et al. **Wien Med Wochenschr** 1985 May 31;135(9-10):234-5, 238-41 (Eng. Abstr.) **(Ger)**

[Changes in GH, somatostatin, blood glucose and lactic acid levels in healthy subjects during tests using MC and HM insulin] Sgambato S, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):159-62 (Eng. Abstr.) **(Ita)**

[Concentration of lactate concentration in experimental glial tumors and brain tissue during brief artificial hyperglycemia] Loginov VM, et al. **Zh Vopr Neirokhir** 1985 Mar-Apr;(2):31-5 (Eng. Abstr.) **(Rus)**

[Lactic acid in the ascitic fluid of patients with liver cirrhosis] Obrador Adrover A, et al. **Med Clin (Barc)** 1984 Jun 16; 83(3):97-100 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Lactic acidosis--emphasis on the carbon precursors and buffering of the acid load. Halperin ML, et al. **Am J Med Sci** 1985 Apr;289(4):154-9

Lactate production in isolated segments of the rat nephron. Bagnasco S, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F522-6

Placental formation of lactate from transferred L-alanine and its impairment by aminooxyacetate in the late-pregnant rat. Palacin M, et al. **Biochim Biophys Acta** 1985 Jul 26; 841(1):90-6

Control of granulosa cell lactate production by follicle-stimulating hormone and androgen. Hillier SG, et al. **Endocrinology** 1985 Mar;116(3):1163-7

Effect of anti-oxidants on growth and lactic acid production by Streptococcus mutans. Kupp LI, et al. **J Dent Res** 1985 Jul;64(7):1016-8

Importance of high pKA acids in cariogenic potential of plaque. Margolis HC, et al. **J Dent Res** 1985 May; 64(5):786-92

Effect of oral nutrient limitation of gnotobiotic rats on acidogenic properties of dental plaque formed by oral streptococci. van Houte J, et al. **J Dent Res** 1985 May; 64(5):815-7

Lactic acid and steroid production by intact mouse adrenal glands and cell suspensions: effects of nucleotide derivatives and substrates. Hinson J, et al. **J Endocrinol** 1985 Jan; 104(1):105-11

Why does brain make lactate? Cohen SR. **J Theor Biol** 1985 Jan 21;112(2):429-32

The effects of gonadotropins on metabolism of isolated rat granulosa cells. Foreman D, et al. **Life Sci** 1984 Sep 17; 35(12):1273-9

The effect of 2-methoxyethanol and methoxyacetic acid on Sertoli cell lactate production and protein synthesis in vitro. Beattie PJ, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):56-61

BLOOD

Changes in acid-base status, lactate concentration and purine metabolites during reconstructive aortic surgery. Schoenberg MH, et al. **Acta Chir Scand** 1985;151(3):227-33

Nasal mucosa reaction, catecholamines and lactate during physical exercise. Juto JE, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):533-42

Colorimetric measurement of plasma lactate. Buttery JE, et al. **Am J Clin Pathol** 1985 Sep;84(3):363-5

Lactic acidosis as a predictor of downtime during cardiopulmonary arrest in dogs. Carden DL, et al. **Am J Emerg Med** 1985 Mar;3(2):120-4

Placental contribution to lactate production by the human fetoplacental unit. Suidan JS, et al. **Am J Perinatol** 1984 Jul;1(4):306-9

Lactate and shock [letter] Campbell IT. **Anaesthesia** 1984 Dec;39(12):1259

Enzymatic lactate-specific radioactivity determination in biological samples. Roca P, et al. **Anal Biochem** 1985 Jul; 148(1):190-3

Ultramicro assay of lactate by fluorescence microscopy. Hannon D, et al. **Anal Chem** 1984 Nov;56(13):2350-1

Mitochondrial myopathy, encephalopathy, lactic acidosis, and strokelike episodes: a distinctive clinical syndrome. Pavlakis SG, et al. **Ann Neurol** 1984 Oct;16(4):481-8

Membrane polypeptide in rabbit erythrocytes associated with the inhibition of L-lactate transport by a synthetic anhydride of lactic acid. Donovan JA, et al. **Biochemistry** 1985 Jan 29;24(3):561-4

Protein-mediated chloride-phosphate and lactate-lactate exchange in cytoskeleton-free vesicles budded from rabbit erythrocytes. Donovan JA. **Biochim Biophys Acta** 1985 Jun 11;816(1):68-76

The relationship between glucose concentration and rate of lactate production by human erythrocytes in an open perfusion system. Kuchel PW, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):191-203

The metabolic and endocrine milieu of the human fetus at 18-21 weeks of gestation. II. Blood glucose, lactate, pyruvate and ketone body concentrations. Aynsley-Green A, et al. **Biol Neonate** 1985;47(1):19-25

Beta 1-selective and non-selective beta-adrenoceptor blockade, anaerobic threshold and respiratory gas exchange during exercise. McLeod AA, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):13-20

A laboratory running test: metabolic responses of sprint and endurance trained athletes. Cheetham ME, et al. **Br J Sports Med** 1985 Jun;19(2):81-4

Relationship of ergometer-specific VO2 max and muscle enzymes to blood lactate during submaximal exercise. Jacobs I, et al. **Br J Sports Med** 1985 Jun;19(2):77-80

The effect of lactacidemia on regional cerebral blood flow in the newborn dog. Powell CL, et al. **Brain Res** 1985 Jan; 349(1-2):314-6

Oxygen delivery in critically ill patients. Relationship to blood lactate and survival. Rashkin MC, et al. **Chest** 1985 May;87(5):580-4

An L-lactate sensor with immobilized enzyme for use in in vivo studies with an endocrine artificial pancreas. Mascini M, et al. **Clin Chem** 1985 Mar;31(3):451-3

Detection of exercise-induced lactic acidosis using transcutaneous carbon dioxide. Ewald U, et al. **Crit Care Med** 1985 Aug;13(8):630-1

Maximal anaerobic (lactic) capacity and power of the horse. Saibene F, et al. **Equine Vet J** 1985 Mar;17(2):130-2

Effects of training at and above the lactate threshold on the lactate threshold and maximal oxygen uptake. Henritze J, et al. **Eur J Appl Physiol** 1985;54(1):84-8

The relationship between lactate and ventilatory thresholds: coincidental or cause and effect? Neary PJ, et al. **Eur J Appl Physiol** 1985;54(1):104-8

Blood lactate and glycerol after 400-m and 3,000-m runs in sprint and long distance runners. Ohkuwa T, et al. **Eur J Applied Physiol** 1984;53(3):213-8

Effect of exercise duration during incremental exercise on the determination of anaerobic threshold and the onset of blood lactate accumulation. Yoshida T. **Eur J Applied Physiol** 1984;53(3):196-9

Effect of dietary modifications on lactate threshold and onset of blood lactate accumulation during incremental exercise. Yoshida T. **Eur J Applied Physiol** 1984;53(3):200-5

Plasma levels of glucose, alanine, lactate, and beta-hydroxybutyrate in the unfed spiny dogfish shark (Soualus acanthias) after surgery and following mammalian insulin infusion. deRoos R, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):28-43

Familial resemblance in maximal heart rate, blood lactate and aerobic power. Lesage R, et al. **Hum Hered** 1985; 35(3):182-9

Effect of pyridoxine alpha-ketoglutarate (PAK) on ammonia and pyruvic and lactic acid blood levels in patients with cirrhosis. Salerno F, et al. **Int J Clin Pharmacol Res** 1983; 3(1):21-5

Effects of pedal frequency on VO2 and work output at lactate threshold (LT), fixed blood lactate concentrations of 2 mM and 4 mM, and max in competitive cyclists. Buchanan M, et al. **Int J Sports Med** 1985 Jun;6(3):163-8

Endurance training, VO2 max, and OBLA: a longitudinal study of two different age groups. Denis C, et al. **Int J Sports Med** 1984 Aug;5(4):167-73

Justification of the 4-mmol/l lactate threshold. Heck H, et al. **Int J Sports Med** 1985 Jun;6(3):117-30

Blood pressure response in relation to blood lactate during exercise in patients with essential hypertension. Karlsson J, et al. **Int J Sports Med** 1985 Jun;6(3):169-73

Angina pectoris and blood lactate concentration during graded exercise. Karlsson J, et al. **Int J Sports Med** 1984 Dec;5(6):348-51

Plasma catecholamine and blood lactate cumulation during incremental exhaustive exercise. Lehmann M, et al. **Int J Sports Med** 1985 Apr;6(2):78-81

Ventilatory and plasma lactate response with different exercise protocols: a comparison of methods. McLellan TM. **Int J Sports Med** 1985 Feb;6(1):30-5

Relationship between swimming velocity and lactic concentration during continuous and intermittent training exercises. Olbrecht J, et al. **Int J Sports Med** 1985 Apr; 6(2):74-7

Maximal and submaximal oxygen uptakes and blood lactate levels in elite male middle- and long-distance runners. Svedenhag J, et al. **Int J Sports Med** 1984 Oct;5(5):255-61

Running velocity at blood lactate threshold of boys aged 6-15 years compared with untrained and trained young males. Tanaka H, et al. **Int J Sports Med** 1985 Apr;6(2):90-4

Lactate threshold and distance-running performance in young and older endurance athletes. Allen WK, et al. **J Appl Physiol** 1985 Apr;58(4):1281-4

Blood lactate disappearance at various intensities of recovery exercise. Dodd S, et al. **J Appl Physiol** 1984 Nov; 57(5):1462-5

Gas exchange and lactate anaerobic thresholds: inter- and intraevaluator agreement. Gladden LB, et al. **J Appl Physiol** 1985 Jun;58(6):2082-9

Effect of pH on metabolic and cardiorespiratory responses during progressive exercise. Kowalchuk JM, et al. **J Appl Physiol** 1984 Nov;57(5):1558-63

Endurance training in older men and women II. Blood lactate response to submaximal exercise. Seals DR, et al. **J Appl Physiol** 1984 Oct;57(4):1030-3

Marathon performance, anaerobic threshold, and onset of blood lactate accumulation. Tanaka K, et al. **J Appl Physiol** 1984 Sep;57(3):640-3

Phenformin and other antidiabetic drugs on blood lactic acid. Tripathy BB, et al. **J Assoc Physicians India** 1984 Nov; 32(11):954-8

Regulation of lactate production and utilization in rat tumors in vivo. Sauer LA, et al. **J Biol Chem** 1985 Jun 25; 260(12):7496-501

Pyruvate carboxylase deficiency. Bartlett K, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:74-8

Lactic acidaemia. Robinson BH, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:69-73

The concentration of hypoxanthine and lactate in the blood of healthy and hypoxic newborns. Jung D, et al. **J Perinat Med** 1985;13(1):43-50

Human maternal-fetal lactate relationships. Suidan JS, et al. **J Perinat Med** 1984;12(4):211-7

Blood lactic acid values in boardsailors. Medved R, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):234-7

Peak blood lactate after 400 m sprinting in sprinters and long-distance runners. Ohkuwa T, et al. **Jpn J Physiol** 1984; 34(3):553-6

Lactic acidosis associated with the therapy of acute bronchospasm [letter] Braden GL, et al. **N Engl J Med** 1985 Oct 3;313(14):890-1

Effects of intravenous ritodrine on lactate and pyruvate levels: role of glycemia and anaerobiosis. Cano A, et al. **Obstet Gynecol** 1985 Aug;66(2):207-10

Lactic acidosis and mitochondrial myopathy associated with deficiency of several components of complex III of the respiratory chain. Kennaway NG, et al. **Pediatr Res** 1984 Oct;13(10):991-9

Uterine arterial and venous concentrations of glucose, lactate, ketones, free fatty acids, and oxygen in the awake pregnant guinea pig. Peeters LL, et al. **Pediatr Res** 1984 Nov; 18(11):1172-5

Lactate determination with the lactate analyser LA 640: a critical study. Geyssant A, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):145-9

Evidence for a detrimental effect of bicarbonate therapy in hypoxic lactic acidosis. Graf H, et al. **Science** 1985 Feb 15;227(4688):754-6

Complications of malaria [letter] Warrell DA, et al. **Trop Doct** 1984 Oct;14(4):191

[Blood lactate in chronic obstructive pulmonary disease with chronic cor pulmonale] Gu YW, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):20-2, 62 (Eng. Abstr.) **(Chi)**

[Determination of the anaerobic threshold with regard to the individual functional state using changes within the parameters of the acid-base equilibrium] Bunc V, et al. **Cas Lek Cesk** 1984 Jul 20;123(29):899-903 (Eng. Abstr.) **(Cze)**

[Lactic acidosis in non-Hodgkin lymphoma] Nordin H, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1124-5 (Eng. Abstr.) **(Dan)**

[Energetic equivalent of the production of plasma lactate during running of supramaximal intensity] Camus G, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):361-7 (Eng. Abstr.) **(Fre)**

[Maximal effort, maximal heart rate and serum lactic acid in exercise electrocardiography. A comparative study] Alabouvette G, et al. **Arch Mal Coeur** 1984 Nov; 77(12):1301-6 (Eng. Abstr.) **(Fre)**

[Levels of fatty acids, glucose, fructose, lactate and total alpha-amino N in blood plasma of sows and piglets prior to colostrum uptake] Umbach R, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):583-607 (Eng. Abstr.) **(Ger)**

[Intensity control and performance evaluation in jogging. Relations between respiratory step frequency and blood lactate level] Jablonski D, et al. **Fortschr Med** 1985 Jan 24;103(4):47-50 (Eng. Abstr.) **(Ger)**

[Free and conjugated plasma catecholamines, lactate behavior and oxygen uptake at rest and in staged physical exertion as well as alpha receptor density in intact thrombocytes in trained athletes] Lehmann M, et al. **Z Kardiol** 1985 Jan;74(1):32-8 (Eng. Abstr.) **(Ger)**

[A case of phenformin-induced lactic acidosis complicated by total atrioventricular block] Moratti P, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):489-91 (Eng. Abstr.) **(Ita)**

[Ultrastructural study on the mitochondrial myopathy associated with lactic acidosis] Kobayashi Y, et al. **No To Hattatsu** 1984 Jul;16(4):253-61 (Eng. Abstr.) **(Jpn)**

[Effect of elevated external temperature on diurnal fluctuations of pulse and blood levels of glucose and lactic acid] Galecki P, et al. **Med Pr** 1984;35(5):331-41 (Eng. Abstr.) **(Pol)**

[Indicators of exertion metabolism in parturients] Brodziński

W. **Wiad Lek** 1985 Feb 15;38(4):277-82 (Eng. Abstr.) **(Pol)**

[Effect of partusisten treatment on selected parameters of carbohydrate metabolism in pregnant women] Olech-Jedlikowska K, et al. **Wiad Lek** 1984 May 15; 37(10):769-75 (Eng. Abstr.) **(Pol)**

[Indicators of carbohydrate metabolism and serum enzyme activity after short-term space flights] Popova IA, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):78-9 **(Rus)**

CEREBROSPINAL FLUID

CSF lactate in bacterial meningitis with minimal CSF abnormalities. Ruuskanen O, et al. **Acta Paediatr Scand** 1985 Mar;74(2):292-3

Value of CSF lactate in the differential diagnosis between bacterial meningitis and other diseases with meningeal involvement. Lester A, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):21-5

Rapid electroenzymatic measurement of lactate in microsamples of spinal fluid. Clark LC Jr, et al. **Clin Biochem** 1984 Oct;17(5):288-91

Lactate production by aerobic bacteria grown in cerebrospinal fluid. Kiechle FL, et al. **Clin Chem** 1984 Nov; 30(11):1875-6

Prognostic evaluation of CSF lactic acid in cases of meningitis. Alam SM, et al. **J Indian Med Assoc** 1984 Aug; 82(8):269-71

Effects of ampicillin and corticosteroids on brain water content, cerebrospinal fluid pressure, and cerebrospinal fluid lactate levels in experimental pneumococcal meningitis. Täuber MG, et al. **J Infect Dis** 1985 Mar; 151(3):528-34

Pathophysiological and prognostic significance of cerebrospinal-fluid lactate in cerebral malaria. White NJ, et al. **Lancet** 1985 Apr 6;1(8432):776-8

Cerebrospinal fluid lactate and lactate dehydrogenase levels as diagnostic aids in tuberculous meningitis. Donald PR, et al. **S Afr Med J** 1985 Jan 5;67(1):19-20

[Significance of the determination of lactic acid in the cerebrospinal fluid for the differential diagnosis of meningitis] el Mdaghri N, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):227-31 (Eng. Abstr.) **(Fre)**

[Role of cerebrospinal fluid lactic acid in the evaluation of cranial injuries. Review of the literature] Tramontano R, et al. **Minerva Anestesiol** 1984 May;50(5):201-3 (Eng. Abstr.) **(Ita)**

[A case of Kearns-Sayre syndrome with elevated lactate and pyruvate levels in the cerebrospinal fluid] Suehara M, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):147-52 (Eng. Abstr.) **(Jpn)**

CHEMICAL SYNTHESIS

The preparation and characterization of poly(D,L-lactic acid) for use as a biodegradable drug carrier. Rak J, et al. **Pharm Acta Helv** 1985;60(5-6):162-9

DIAGNOSTIC USE

Lactate vulnerability of remitted panic patients. Fyer AJ, et al. **Psychiatry Res** 1985 Feb;14(2):143-8

The lactate infusion model. Gorman JM, et al. **Psychopharmacol Bull** 1985;21(3):428-33

Lactate infusion in patients with depression and anxiety. McGrath PJ, et al. **Psychopharmacol Bull** 1985;21(3):555-7

METABOLISM

Renal oxygen and lactate metabolism in hemorrhagic shock. An experimental study. Nelimarkka O. **Acta Chir Scand [Suppl]** 1984;518:1-44

The role of increased lactic acid concentration in neovascularizations. Imre G. **Acta Morphol Hung** 1984; 32(2):97-103

Buffer capacity and lactate accumulation in skeletal muscle of trained and untrained men. Sahlin K, et al. **Acta Physiol Scand** 1984 Nov;122(3):331-9

Monocarboxylate-uptake kinetics in perfused rat heart. Dennis SC, et al. **Adv Myocardiol** 1985;6:259-72

Absence of myocardial biochemical toxicity with a nonionic contrast agent (iopamidol). Wisneski JA, et al. **Am Heart J** 1985 Sep;110(3):609-17

Tissue lactic acidosis and ischemic brain damage. Rehncrona S, et al. **Am J Emerg Med** 1983 Sep;1(2):168-74

Glucose and lactate kinetics in American eel Anguilla rostrata. Cornish I, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R67-72

Effect of glucagon on hepatic lactate metabolism in the conscious dog. Davis MA, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 1):E463-70

In vivo studies of hypoglycemia and lactic acidosis in endotoxic shock. Naylor JM, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 1):E309-16

Hepatic and extrahepatic lactate metabolism in sheep: effects of lactate loading and pH. Naylor JM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E747-55

Comparison of lactate and glucose metabolism in the developing porcine placenta. Ramsay TG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R755-60

Brain acidosis. Rehncrona S. **Ann Emerg Med** 1985 Aug; 14(8):770-6 (47 ref.)

Spermatogenic cells in the germinal epithelium utilize alpha-ketoisocaproate and lactate, produced by Sertoli cells from leucine and glucose. Grootegoed JA, et al. **Ann NY Acad Sci** 1984;438:557-60

L-amino acids from a racemic mixture of alpha-hydroxy acids. Wandrey C, et al. **Ann NY Acad Sci** 1984;434:91-4

Lactate metabolism by pediococci isolated from cheese. Thomas TD, et al. **Appl Environ Microbiol** 1985 Apr; 49(4):908-13

Effect of propranolol in dinitrophenol poisoning. Issekutz B Jr. **Arch Int Pharmacodyn Ther** 1984 Dec;272(2):310-9

Oxygen dependent lactate utilization by Lactobacillus plantarum. Murphy MG, et al. **Arch Microbiol** 1985 Feb; 141(1):75-9

Some factors affecting the diffusion of [14C]-lactate in human dental plaque. Tatevossian A. **Arch Oral Biol** 1985; 30(2):141-6

Characteristics of lactate transfer in isolated cardiac myocytes. Kammermeier H, et al. **Basic Res Cardiol** 1985; 80 Suppl 1:57-60

Renal transport of monocarboxylic acids. Heterogeneity of lactate-transport systems along the proximal tubule. Jørgensen KE, et al. **Biochem J** 1984 Nov 1;223(3):803-7

Alternative-substrate inhibition of L-lactate transport via the monocarboxylate-specific carrier system in human erythrocytes. de Bruijne AW, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):841-4

The role of glucose, pyruvate and lactate in ATP production by rat spermatocytes and spermatids. Grootegoed JA, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):248-56

Estimation of a derivative by a difference quotient: its application to hepatocyte lactate metabolism. James AT, et al. **Biometrics** 1985 Jun;41(2):467-76

Lactate transport in rat aorta. Kutchai H, et al. **Blood Vessels** 1985;22(2):84-93

Development of carious-like lesions in partially saturated lactate buffers. Margolis HC, et al. **Caries Res** 1985; 19(1):36-45

Angina pectoris with angiographically normal coronary arteries: a clinical, hemodynamic, and metabolic study. Berland J, et al. **Clin Cardiol** 1984 Sep;7(9):485-92

A case of combined D-lactate and renal tubular acidosis [letter] McNeil A, et al. **Clin Chem** 1984 Oct;30(10):1722

Carbohydrate metabolism of malarial parasites--I. Metabolism of lactate in Plasmodium knowlesi infected monkey erythrocytes. Ali SN, et al. **Comp Biochem Physiol [B]** 1985;80(4):725-9

Mitochondrial myopathy with lactic acidosis and deficient activity of muscle succinate cytochrome-c-oxidoreductase. Behbehani AW, et al. **Eur J Pediatr** 1984 Nov;143(1):67-71

Biochemical study in 28 children with lactic acidosis, in relation to Leigh's encephalomyelopathy. Miyabayashi S, et al. **Eur J Pediatr** 1985 Mar;143(4):278-83

Effect of different degrees of brain ischemia and tissue lactic acidosis on the short-term recovery of neurophysiologic and metabolic variables. Rehncrona S, et al. **Exp Neurol** 1985 Mar;87(3):458-73

Identification of acrylate, the product of the dehydration of (R)-lactate catalysed by cell-free extracts from Clostridium propionicum. Schweiger G, et al. **FEBS Lett** 1985 Jun 17; 185(2):253-6

Oxidation of NADH via an 'external' pathway in skeletal-muscle mitochondria and its possible role in the repayment of lactacid oxygen debt. Szczesna-Kaczmarek A, et al. **Int J Biochem** 1984;16(12):1231-5

Lactate metabolism in acute myocardial infarction and its relation to regional ventricular performance. Hattori R, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1283-91

Dual carbon-labeled isotope experiments using D-[6-14C] glucose and L-[1,2,3-13C3] lactate: a new approach for investigating human myocardial metabolism during ischemia. Wisneski JA, et al. **J Am Coll Cardiol** 1985 May; 5(5):1138-46

Propylene glycol as a cause of lactic acidosis. Kelner MJ, et al. **J Anal Toxicol** 1985 Jan-Feb;9(1):40-2

Net portal absorption of lactate and volatile fatty acids in steers experiencing glucose-induced acidosis or fed a 70% concentrate diet ad libitum. Harmon DL, et al. **J Anim Sci** 1985 Feb;60(2):560-9

Effect of beta-adrenergic blockade on lactate turnover in exercising dogs. Issekutz B Jr. **J Appl Physiol** 1984 Dec; 57(6):1754-9

Response of ventilatory and lactate thresholds to continuous and interval training. Poole DC, et al. **J Appl Physiol** 1985 Apr;58(4):1115-21

Trapping of the substrate-derived acyl enzyme intermediate of purified penicillin-binding protein 1a of Escherichia coli. Amanuma H, et al. **J Bacteriol** 1984 Nov;160(2):824-5

Energy recycling by lactate efflux in growing and nongrowing cells of Streptococcus cremoris. ten Brink B, et al. **J Bacteriol** 1985 Apr;162(1):383-90

Carrier-mediated uptake of lactate in rat hepatocytes. Effects of pH and possible mechanisms for L-lactate transport. Fafournoux P, et al. **J Biol Chem** 1985 Jan 10;260(1):292-9

Metabolic studies of pyruvate- and lactate-perfused guinea pig hearts by 13C NMR. Determination of substrate preference by glutamate isotopomer distribution. Sherry AD, et al. **J Biol Chem** 1985 Aug 5;260(16):9272-9

L(+)-Lactate binding to preparations of rat hepatocyte plasma membranes. Welch SG, et al. **J Biol Chem** 1984 Dec 25;259(24):15264-71

Lactic acidosis and recovery of mitochondrial function following forebrain ischemia in the rat. Hillered L, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):259-66

Roles of acetate and its interactions with glucose and lactate in cow mammary tissue. Forsberg NE, et al. **J Dairy Sci** 1984 Oct;67(10):2247-54

Lactate uptake by the fetal sheep liver. Gleason CA, et al. **J Dev Physiol** 1985 Jun;7(3):177-83

Lactic acid concentrations in vitreous humor: their use in asphyxial deaths in children. Sturner WQ, et al. **J Forensic Sci** 1983 Jan;28(1):222-30

Organic acids in urine of patients with congenital lactic acidoses: an aid to differential diagnosis. Chalmers RA. **J Inherited Metab Dis** 1984;7 Suppl 1:79-89

Adenine nucleotide and lactate levels in organs from copper-deficient mice and brindled mice. Rusinko N, et al. **J Nutr** 1985 Jul;115(7):936-43

Long-term monitoring of D-lactic acidosis in a child. Rosenthal P, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug; 4(4):674-6

Lacticacidosis and thiamine deficiency [letter] Campbell CH. **Lancet** 1984 Dec 1;2(8414):1282

Anaerobic threshold: review of the concept and directions for future research. Brooks GA. **Med Sci Sports Exerc** 1985 Feb;17(1):22-34 (55 ref.)

Anaerobic threshold: review of the concept and directions for future research. Davis JA. **Med Sci Sports Exerc** 1985 Feb;17(1):6-21 (85 ref.)

Metabolic utilization and renal handling of D-lactate in men. Oh MS, et al. **Metabolism** 1985 Jul;34(7):621-5

Lactic acidosis--a review of the association with neoplastic disorder. Johnson DA, et al. **Milit Med** 1985 Apr; 150(4):206-8

Gluconeogenesis and phosphate reabsorption in isolated lactate- or pyruvate-perfused rat kidneys. Baines AD, et al. **Miner Electrolyte Metab** 1984;10(5):286-91

Levels of beta-galactosidase and lactic acid, in the intestine, and blood glucose in pig scour. Uramoto S, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):413-21

Lactate transport through the blood-retinal and the blood-brain barrier in rats. Alm A, et al. **Ophthalmic Res** 1985;17(3):181-4

1H-Observe/13C-decouple spectroscopic measurements of lactate and glutamate in the rat brain in vivo. Rothman DL, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1633-7

Panic anxiety and lactate metabolism. Rainey JM Jr, et al. **Psychopharmacol Bull** 1985;21(3):434-7

Brain lactate and alanine-glutamate ratios during and after asphyxia in rats. Hendrickx HH, et al. **Resuscitation** 1984 Jul;12(2):129-40

Lactate levels in Brucella arthritis. Mavridis AK, et al. **Rheumatol Int** 1984;4(4):169-71

Myocardial pyruvate, lactate, and orthophosphate contents under different postischemic conditions. A study in a paracorporeal rat heart model. Hultman J, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):69-76

The metabolism of several carboxylic acids by lactic acid bacteria. Radler F, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):228-31

[Lactic acidosis] Poli S, et al. **Ann Fr Anesth Reanim** 1985; 4(1):47-58 (130 ref.) **(Fre)**

[Lactic acidosis in diabetic patients treated with metformin. Value of hemodialysis with a sodium bicarbonate bath (letter)] Lalau JD, et al. **Presse Med** 1984 Nov 24; 13(42):2581 **(Fre)**

[Effect of bran diet on organic acids in the gastrointestinal tract and apparent digestibility in weanling piglets] Schnabel E, et al. **Arch Tierernahr** 1984 Oct;34(10):689-97 (Eng. Abstr.) **(Ger)**

[Oxygen supply and lactate utilization in the porcine heart] Thielscher HH. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):54-7 (Eng. Abstr.) **(Ger)**

[Linearity of the lactate dehydrogenase reaction. 1. Reaction direction pyruvate----lactate (P----L)] Liese W, et al. **Z Med Lab Diagn** 1985;26(2):93-100 (Eng. Abstr.) **(Ger)**

[The effect of Co-enzyme Q10 on lactate metabolism during resuscitation from anoxia] Eguchi M. **Masui** 1984 Dec; 33(12):1329-38 (Eng. Abstr.) **(Jpn)**

[Intraoperative use of L-lactated Ringer's solution] Kono K, et al. **Masui** 1984 Oct;33(10):1130-6 (Eng. Abstr.) **(Jpn)**

[Adaptive changes in carbohydrate metabolism in the placenta in experimental fetal anoxia] Nazyrov AT. **Akush Ginekol (Mosk)** 1984 Oct;(10):45-7 (Eng. Abstr.) **(Rus)**

[Lactate and pyruvate metabolism in the tissues of rats with Walker carcinosarcoma injected with oxythiamine] Velichko MG, et al. **Eksp Onkol** 1984;6(2):54-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of lactate and pyruvate on cerebrocortical microcirculation and NAD/NADH redox state. Dora E. **Adv Exp Med Biol** 1984;180:159-67

Membrane polypeptide in rabbit erythrocytes associated with the inhibition of L-lactate transport by a synthetic anhydride of lactic acid. Donovan JA, et al. **Biochemistry** 1985 Jan 29;24(3):561-4

Sodium lactate infusion, panic attacks, and ionized calcium. Fyer AJ, et al. **Biol Psychiatry** 1984 Oct;19(10):1437-47

Effect of acid-base status on plasma phosphorus response to lactate. Oster JR, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):939-42

Effect of calcium lactate and calcium lactophosphate on caries activity in programme-fed rats (short communication). van der Hoeven JS. **Caries Res** 1985; 19(4):368–70

Effect of magnesium ion upon the calcitonin content of rat thyroid. Gozariu L, et al. **Endocrinologie** 1984 Jul–Sep; 22(3):187–90

Increased rate of peripheral nerve regeneration using bioresorbable nerve guides and a laminin-containing gel. Madison R, et al. **Exp Neurol** 1985 Jun;88(3):767–72

Effect of 1,3-butanediol and short chain acids in sow gestation diets on maternal plasma metabolites and fetal energy storage. Spence CA, et al. **J Anim Sci** 1985 May; 60(5):1280–7

A note on catalase enhanced recovery of acid injured cells of gram negative bacteria and its consequences for the assessment of the lethality of L-lactic acid decontamination of raw meat surfaces. Van Netten P, et al. **J Appl Bacteriol** 1984 Aug;57(1):169–73

Evaluation of experimental teat dip containing sodium chlorite and lactic acid by excised teat assay. Schmidt AL, et al. **J Dairy Sci** 1984 Dec;67(12):3075–80

Inhibition of carnitine palmitoyl-CoA transferase activity and fatty acid oxidation by lactate and oxfenicine in cardiac muscle. Bielefeld DR, et al. **J Mol Cell Cardiol** 1985 Jun; 17(6):619–25

Lactic acid production by oral Streptococcus mitis inhibits the growth of oral Capnocytophaga. Mashimo PA, et al. **J Periodontol** 1985 Sep;56(9):548–52

Acid-base balance during lactic acid infusion in the lizard Varanus salvator. Mitchell GS, et al. **Respir Physiol** 1985 May;60(2):253–66

Calcium-complexing versus vasorelaxant effect of acetate, lactate, and other bases. Nawab ZM, et al. **Trans Am Soc Artif Intern Organs** 1984;30:184–8

[Effect of lactate on the effectiveness of glucose and succinate oxidation by myocardium homogenates] Ovchinnikov IV, et al. **Ukr Biokhim Zh** 1985 Jul–Aug;57(4):72–5 (Eng. Abstr.) **(Rus)**

SECRETION

Pyruvate and lactate production by cultured Sertoli cells, fibroblasts and muscle satellite cells, and the effect of hormonal and dcAMP stimulation. Vivarelli E, et al. **Cell Biol Int Rep** 1984 Sep;8(9):739–46

THERAPEUTIC USE

Management of uric acid renal obstruction by intravenous lactate. Libert MH, et al. **Eur Urol** 1985;11(1):22–5

[The dissolution of obstructive uric acid lithiasis by intravenous perfusion of 1/6 molar lactate] Libert MH, et al. **Acta Urol Belg** 1985;53(1):32–40 (Eng. Abstr.) **(Fre)**

URINE

The occurrence of lactyl lactate and succinyl lactate in the urine of patients screened for inherited metabolic disease. Ketting D, et al. **Clin Chim Acta** 1985 Feb 28;146(1):29–35

An evaluation of urine lactate for detection of inborn errors of metabolism. Dunger DB, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:111–2

The lactate concentration of the urine, a parameter for the adequacy of dietary treatment of patients with glucose-6-phosphatase deficiency. Fernandes J, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:149–50

LACTATION

see related
COLOSTRUM
MILK
MILK, HUMAN

Metabolism of calcium and phosphorus during pregnancy and lactation in white-tailed deer. Chao CC, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):269–75

The ovary of the wood mouse, Apodemus sylvaticus, during late pregnancy and lactation. Eriksson M. **Acta Morphol Neerl Scand** 1984 Dec;22(4):297–305

Breast-milk antimicrobial factors of rural Gambian mothers. I. Influence of stage of lactation and maternal plane of nutrition. Prentice A, et al. **Acta Paediatr Scand** 1984 Nov; 73(6):796–802

Breast-milk antimicrobial factors of rural Gambian mothers. II. Influence of season and prevalence of infection. Prentice A, et al. **Acta Paediatr Scand** 1984 Nov;73(6):803–9

Long term studies on bone mineral changes during different lactations in Swedish dairy cattle. Holmberg T, et al. **Acta Vet Scand** 1985;26(1):49–60

Clinical and endocrinological studies in primiparous post partum sows. Effects of lactation length and litter size. Kunavongkrit A. **Acta Vet Scand** 1984;25(2):260–79

Exaggerated acetaldehyde response after ethanol administration during pregnancy and lactation in rats. Gordon BH, et al. **Alcoholism (NY)** 1985 Jan–Feb; 9(1):17–22

Comparison of the phospholipid composition of breast milk from mothers of term and preterm infants during lactation. Bitman J, et al. **Am J Clin Nutr** 1984 Nov;40(5):1103–19

The effects of a dietary zinc supplement during lactation on longitudinal changes in maternal zinc status and milk zinc concentrations. Krebs NF, et al. **Am J Clin Nutr** 1985 Mar; 41(3):560–70

Lactational performance in relation to energy intake in the baboon. Roberts SB, et al. **Am J Clin Nutr** 1985 Jun; 41(6):1270–6

Vitamin C nutrition during prolonged lactation: optimal in infants while marginal in some mothers. Salmenperä L. **Am J Clin Nutr** 1984 Nov;40(5):1050–6

Effects of varying degrees of chronic dietary restriction in rat dams on reproductive and lactational performance and body composition in dams and their pups. Young CM, et al. **Am J Clin Nutr** 1985 May;41(5):979–87

Frequency of milk expression and milk production by mothers of nonnursing premature neonates. deCarvalho M, et al. **Am J Dis Child** 1985 May;139(5):483–5

Lactation and breast cancer. Evidence for a negative association in premenopausal women. Byers T, et al. **Am J Epidemiol** 1985 May;121(5):664–74

Prolactin response to breast stimulation in lactating women is not mediated by endogenous opioids. Cholst IN, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):558–61

Mammary blood flow regulation in the nursing rabbit. Katz M, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):497–500

Regulation of bone mineral loss during lactation. Brommage R, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E182–7

Effect of lactation on cholesterol synthesis in rats. Feingold KR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G203–8

Glucagon, insulin, and growth hormone responses to glucose infusion in lactating dairy cows. Sartin JL, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E108–14

Polyamines and intestinal growth: absolute requirement for ODC activity in adaptation during lactation. Yang P, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):G553–7

Arachidonic acid metabolites in milk of cows during acute coliform mastitis. Anderson KL, et al. **Am J Vet Res** 1985 Jul;46(7):1573–7

Effect of a once-daily suckling program on gastrointestinal parasitism in Angus cows and calves. Ciordia H, et al. **Am J Vet Res** 1985 Mar;46(3):566–9

Production responses of lactating dairy cows and heifers given thiabendazole at parturition. Fetrow J, et al. **Am J Vet Res** 1985 Jan;46(1):48–52

Pathogenesis of Staphylococcus aureus mastitis: bacteriologic, histologic, and ultrastructural pathologic findings. Gudding R, et al. **Am J Vet Res** 1984 Dec; 45(12):2525–31

Quantitation of bovine immunoglobulin G2 antibodies binding Staphylococcus aureus, using a murine monoclonal antibody. Mathison BA, et al. **Am J Vet Res** 1984 Dec; 45(12):2518–24

Effect of Escherichia coli endotoxin and thyrotropin-releasing hormone on prolactin in lactating sows. Smith BB, et al. **Am J Vet Res** 1985 Jan;46(1):175–80

Action of epinephrine on the function of the teat sphincter in the lactating cow. Vandeputte-Van Messom G, et al. **Am J Vet Res** 1984 Oct;45(10):2145–9

Histological and ultrastructural observations of the attachment between the oral cavity of the fetus and the nipple of the mother in opossum (Didelphis azarae). Garcia PJ, et al. **Anat Anz** 1984;157(2):151–7

Vitamin status during puerperium and lactation. Dostálová L. **Ann Nutr Metab** 1984;28(6):385–408

The effects of lactation on the relationship between metabolic rate and ambient temperature in the rat. Roberts SB, et al. **Ann Nutr Metab** 1985;29(1):19–22

Variations of lactose and oligosaccharides in milk from women of blood types secretor A or H, secretor Lewis, and secretor H/nonsecretor Lewis during the course of lactation. Viverge D, et al. **Ann Nutr Metab** 1985;29(1):1–11

A means to assess nursing efficiency in the pig: the study of the milk ejection reflex. Ellendorff F, et al. **Ann Rech Vet** 1984;15(2):271–4

Characteristics of non-clinical mammary infections of goats. Lerondelle C, et al. **Ann Rech Vet** 1984;15(1):105–12

Calmodulin-dependent protein kinase in acini from lactating rat mammary tissue: subcellular locale, characterization, and solubilization. Brooks CL, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):663–73

Plasma protein and total leucocyte counts as affected by cooling in buffaloes (Bos bubalis) during summer. Bahga CS, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):289–92

Temperature requirement of does for optimal performance. Rafai P, et al. **Arch Exp Veterinarmed** 1984 May;38(3):450–7

Quantitative observation of megakaryocytes in the spleen and bone marrow of the mouse: effects of sex, sex hormones, pregnancy and lactation. Matsumura G, et al. **Arch Histol Jpn** 1984 Aug;47(3):251–8

Natural infection of Swiss mice with mouse mammary tumor virus (MMTV): viral expression in milk and transmission of infection. Hainaut P, et al. **Arch Virol** 1985; 83(3–4):195–206

Partitioning of nutrients in Merino ewes. I. Contribution of skeletal muscle, the pregnant uterus and the lactating mammary gland to total energy expenditure. Oddy VH, et al. **Aust J Biol Sci** 1984;37(5–6):375–88

Induced lactation in adoptive mothers. Thearle MJ, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):283–6

A small episode of single quarter coliform infections in lactating dairy cows kept at pasture. Johnston KG, et al. **Aust Vet J** 1984 Nov;61(11):364–6

Immunogenic properties of Staphylococcus aureus and Streptococcus agalactiae administered separately and in combination to lactating cows. Opdebeeck JP, et al. **Aust Vet J** 1985 Apr;62(4):114–6

The effect polyethylene intramammary devices on the somatic cell count and milk production of dairy cows. Stephens LR, et al. **Aust Vet J** 1984 Jul;61(7):229–30

The influence of season, parity, and duration of lactation on some performance traits of sows indigenous to Nigeria. Somade B. **Beitr Trop Landwirtsch Veterinarmed** 1985; 23(1):81–7

Lipolytic activity of crude or partially purified lipase of the mouse mammary gland at various substrate concentrations. Anzai T, et al. **Biochem Int** 1983 May;6(5):635–41

Protein synthesis in rat tissues during lactation. No effect of diethyl ether anaesthesia. Sampson DA, et al. **Biochem J** 1984 Dec 1;224(2):681–3

Impairment of citrulline synthesis during late pregnancy and lactation in rats. Rabier D, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):1–5

Changes in cysteine dioxygenase and cysteinesulfinate decarboxylase activities and taurine levels in tissues of pregnant or lactating rat dams and their fetuses or pups. Kuo SM, et al. **Biol Neonate** 1984;46(5):237–48

Influence of suckling and side of corpus luteum or pregnancy on folliculogenesis in postpartum cows. Bellin ME, et al. **Biol Reprod** 1984 Dec;31(5):849–55

Effect of suckling and ovariectomy on the control of luteinizing hormone secretion during the postpartum period in beef cows. Garcia-Winder M, et al. **Biol Reprod** 1984 Nov;31(4):771–8

Effect of suckling on the hypothalamic-pituitary axis in postpartum beef cows, independent of ovarian secretions. Hinshelwood MM, et al. **Biol Reprod** 1985 Mar; 32(2):290–300

Effects of the intensity of the suckling stimulus and ovarian steroids on pituitary gonadotropin-releasing hormone receptors during lactation. Smith MS. **Biol Reprod** 1984 Oct;31(3):548–55

Zinc metabolism in pregnant and lactating rats and the effect of varying iron: Zn in the diet. Fairweather-Tait SJ, et al. **Br J Nutr** 1984 Sep;52(2):205–13

The effect of abomasal infusion of casein on acetate, palmitate and glucose kinetics in cows during early lactation. König BA, et al. **Br J Nutr** 1984 Sep;52(2):319–28

Lactation in placental steroid sulphatase deficiency. Lykkesfeldt G, et al. **Br J Obstet Gynaecol** 1985 Feb; 92(2):179–80

Antirheumatic drugs in pregnancy and lactation [editorial] Kay A. **Br J Rheumatol** 1985 Aug;24(3):230–1

Antirheumatic medication during lactation. Needs CJ, et al. **Br J Rheumatol** 1985 Aug;24(3):291–7 (47 ref.)

Changes in endochondral bone elongation rates during pregnancy and lactation in rats. Redd EH, et al. **Calcif Tissue Int** 1984 Dec;36(6):697–701

The incidence of cystic ovaries in dairy cattle housed in a total confinement system. Hackett AJ, et al. **Can J Comp Med** 1985 Jan;49(1):55–7

Somatic cell counts: associated factors and relationship to production. Salsberg E, et al. **Can J Comp Med** 1984 Jul; 48(3):251–7

Role of macrophages and multinucleate giant cells in the resorption of corpora amylacea in the involuting bovine mammary gland. Nickerson SC, et al. **Cell Tissue Res** 1985; 240(2):397–401

Comparative study of nursing mothers in Africa (Zaire) and in Europe (Sweden): breastfeeding behaviour, nutritional status, lactational hyperprolactinaemia and status of the menstrual cycle. Hennart P, et al. **Clin Endocrinol (Oxf)** 1985 Feb;22(2):179–87

Can pharmacologic hyperprolactinemia and breast-suction induce lactation in women with normal menstrual cycles? Polatti F, et al. **Clin Exp Obstet Gynecol** 1984;11(4):123–5

Alpha-methyldopa disposition in mothers with hypertension and in their breast-fed infants. White WB, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):387–90

Magnesium levels in the body fluids of dam and fetal rabbits during the reproductive phase. Kriesten K, et al. **Comp Biochem Physiol [A]** 1984;79(1):197–200

Advances in physiology of growth, reproduction and lactation. Hansel W. **Cornell Vet** 1985 Jan;75(1):56–76 (58 ref.)

Acceleration of puberty in female mice by a urinary chemosignal from pregnant or lactating females: timing and duration of stimulation. Drickamer LC. **Dev Psychobiol** 1984 Sep;17(5):451–5

Control of suckling and feeding by methysergide in weaning albino rats: a determination of Y-maze preferences. Stoloff ML, et al. **Dev Psychobiol** 1985 May;18(3):273–85

Variation of DNA polymerase activities and DNA synthesis in mouse mammary gland during pregnancy and early lactation. Zwierzchowski L, et al. **Differentiation** 1984; 28(2):179–85

Vitamin A and E content of human milk at early stages of lactation. Chappell JE, et al. **Early Hum Dev** 1985 Jul; 11(2):157–67

Suckling in lactating women stimulates the secretion of insulin and prolactin without concomitant effects on gastrin, growth hormone, calcitonin, vasopressin or catecholamines. Widström AM, et al. **Early Hum Dev** 1984 Sep;10(1–2):115–22

Postpartum resolution of hypocalcemia in a lactating hypoparathyroid patient. Rude RK, et al. **Endocrinol Jpn** 1984 Jun;31(3):227–33

Inhibin activity in ovarian venous plasma during pregnancy, pseudopregnancy and lactation in the rat. Taya K, et al. **Endocrinol Jpn** 1984 Aug;31(4):427-33

Epidermal growth factor receptor levels in mouse mammary glands in various physiological states. Edery M, et al. **Endocrinology** 1985 Jul;117(1):405-11

The suppression of pulsatile luteinizing hormone secretion during lactation in the rat. Fox SR, et al. **Endocrinology** 1984 Dec;115(6):2045-51

Progesterone withdrawal stimulates mammary gland tubulin polymerization in pregnant rats. Loizzi RF. **Endocrinology** 1985 Jun;116(6):2543-7

Thyroid hormone-binding inhibitor in normal, pregnant, and lactating rat and postmenopausal human breast tissue. Oberkotter LV, et al. **Endocrinology** 1985 Aug;117(2):511-4

Protein kinase activity in the rat mammary gland during pregnancy, lactation, and weaning: a correlation with growth but not with progesterone receptor levels. Sharoni Y, et al. **Endocrinology** 1984 Nov;115(5):1918-24

Release of luteinizing hormone and follicle-stimulating hormone from pituitaries of lactating rats by gonadotropin-releasing hormone and high potassium concentration. Smith MS. **Endocrinology** 1985 May;116(5):1826-34

Corticosterone concentrations in the serum and milk of lactating rats: parallel changes after induced stress. Yeh KY. **Endocrinology** 1984 Oct;115(4):1364-70

Metoclopramide stimulation of prolactin secretion in women during puerperal lactation. Komorowski JM, et al. **Endokrynol Pol** 1984;35(3):145-7

Mammary secretions in normal spontaneous and induced premature parturition in the mare. Leadon DP, et al. **Equine Vet J** 1984 Jul;16(4):256-9

The message of 'rheumatism': a symptom of leprosy in pregnancy and lactation. Duncan ME, et al. **Ethiop Med J** 1985 Apr;23(2):49-58

Microlipid droplets in milk secreting mammary epithelial cells: evidence that they originate from endoplasmic reticulum and are precursors of milk lipid globules. Deeney JT, et al. **Eur J Cell Biol** 1985 Jul;38(1):16-26

Synchronization of oxytocin cells in the hypothalamic paraventricular and supraoptic nuclei in suckled rats: direct proof with paired extracellular recordings. Belin V, et al. **Exp Brain Res** 1984;57(1):201-3

Immunoreactive substance P and LH-RH content in median eminence and pituitary gland during proestrus, oestrus, lactation and after anterior hypothalamic deafferentation. Jakubowska-Naziemblo B, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):155-66

A role for adrenaline and calmodulin in modulating cyclic AMP levels during the lactogenic cycle. Muñoz A, et al. **FEBS Lett** 1985 Jul 22;187(1):173-6

The effect of prostaglandin F2 alpha analog on the plasma concentration of progesterone in the bandicoot, Isoodon macrourus (Marsupialia:Peramelidae), during lactation. Gemmell RT. **Gen Comp Endocrinol** 1985 Mar;57(3):405-10

Optic neuritis during lactation. Erkkilä H, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):134-8

The galactocoele: a light- and electronmicroscopic study. Ironside JW, et al. **Histopathology** 1985 Apr;9(4):457-67

Studies of pericopulatory pregnancy blockage and the gestation period in deer mice (Peromyscus maniculatus). Dewsbury DA. **Horm Behav** 1985 Jun;19(2):164-73

Suckling ability and maternal prolactin levels in hypothyroid rats. Tamásy V, et al. **Horm Behav** 1984 Dec;18(4):457-64

Influence of starvation/refeeding transition on lipogenesis and NADPH producing systems in adipose tissue, mammary gland and liver at mid-lactation. Careche M, et al. **Horm Metab Res** 1985 May;17(5):226-9

Plasma glucose, insulin, glucagon and prolactin during long lasting lactation. Hennart P, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:183-5

Arginase activity during pregnancy and lactation. Remesar X, et al. **Horm Metab Res** 1984 Sep;16(9):468-70

The response of plasma prolactin to suckling during normal and prolonged lactation in the rat. Mattheij JA, et al. **Horm Res** 1984;20(4):261-8

Footnotes to food tables. 2. The underestimations of intakes of lesser B vitamins by pregnant and lactating women as calculated using the fourth edition of McCance and Widdowson's 'The composition of foods'. Black AE, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):19-22

Haematological response to supplements of iron and riboflavin to pregnant and lactating women in rural Gambia. Powers HJ, et al. **Hum Nutr Clin Nutr** 1985 Mar;39(2):117-29

Adenomas of the breast and ectopic breast under lactational influences. O'Hara MF, et al. **Hum Pathol** 1985 Jul;16(7):707-12

The effect of lactation on the transport of serum-derived IgA into bile of sheep. Sheldrake RF, et al. **Immunology** 1985 Mar;54(3):471-7

Fatty acid synthesizing capacity of mammary gland in relation to plasma hormone levels at different stages of pregnancy and lactation in goats. Sarma PV, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):255-9

Effect of pregnancy and lactation on gastrointestinal motility in rats. Datta U, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):231-3

The effects of physiological state and plane of nutrition on the concentrations of microsomal cytochromes and the omega-oxidation of fatty acids in various tissues of the sheep (Ovis aries). Hare WR, et al. **Int J Biochem** 1985;17(4):455-62

Variation of the poly(A) size classes in the rat mammary gland during the lactation cycle. Nadin-Davis SA, et al. **Int J Biochem** 1985;17(3):415-20

The effect of lactation on the fractional synthetic rate of protein in the liver and muscle of rats. Siebrits F, et al. **Int J Biochem** 1985;17(6):731-2

Prenatal and lactational transmission of Toxocara canis and Ancylostoma caninum: experimental infection of the bitch before pregnancy. Burke TM, et al. **Int J Parasitol** 1985 Feb;15(1):71-5

Lactation following primary radiation therapy for carcinoma of the breast [letter] David FC. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1425

Mammary transfer of vitamin D3 in the rabbit doe. Hidiroglou M, et al. **Int J Vitam Nutr Res** 1985;55(1):35-9

Vitamin D, 25-hydroxy-vitamin D and 1,25-dihydroxy-vitamin D in cow's milk, infant formulas and breast milk during different stages of lactation. Kunz C, et al. **Int J Vitam Nutr Res** 1984;54(2-3):141-8

Food choices of vegetarians and nonvegetarians during pregnancy and lactation. Finley DA, et al. **J Am Diet Assoc** 1985 Jun;85(6):678-85

Analyzed vitamin B-6 intakes of pregnant and postpartum lactating and nonlactating women. Reynolds RD, et al. **J Am Diet Assoc** 1984 Nov;84(11):1339-44

Pantothenic acid status of pregnant and lactating women. Song WO, et al. **J Am Diet Assoc** 1985 Feb;85(2):192-8

Influence of selection for milk yield on endogenous hormones and metabolites in Holstein heifers and cows. Barnes MA, et al. **J Anim Sci** 1985 Jan;60(1):271-84

A review of endocrine regulation of metabolism during lactation. Collier RJ, et al. **J Anim Sci** 1984 Aug;59(2):498-510 (97 ref.)

Effect of lactation upon the postpartum interval. Edgerton LA. **J Anim Sci** 1980;51 Suppl 2:40-52 (111 ref.)

Effects of concurrent lactation and postpartum mating on reproductive performance in mice selected for large litter size. Eisen EJ, et al. **J Anim Sci** 1984 Nov;59(5):1224-38

Isolation of lactoferrin and its concentration in sows' colostrum and milk during a 21-day lactation. Elliot JI, et al. **J Anim Sci** 1984 Oct;59(4):1080-4

Effects of number of lambs suckled and supplemental protein source on lactating ewe performance. Loerch SC, et al. **J Anim Sci** 1985 Jan;60(1):6-13

Effect of source of dietary energy and energy restriction during lactation on sow and litter performance. Nelssen JL, et al. **J Anim Sci** 1985 Jan;60(1):171-8

Fostering lambs by odor transfer: the substitution experiment. Price EO, et al. **J Anim Sci** 1984 Aug;59(2):301-7

In vivo body composition estimation in nongravid and reproducing first-litter sows with deuterium oxide. Shields RG Jr, et al. **J Anim Sci** 1984 Nov;59(5):1239-46

Effect of dietary gestation and lactation protein levels on reproductive performance and body composition of first-litter female swine. Shields RG Jr, et al. **J Anim Sci** 1985 Jan;60(1):179-89

Estimating milk yield of sows. Speer VC, et al. **J Anim Sci** 1984 Nov;59(5):1281-5

Endocrine adaptations of periparturient swine to alteration of dietary energy source. Steele NC, et al. **J Anim Sci** 1985 May;60(5):1260-71

Influence of reduced litter size and daily litter separation on fertility of sows at 2 to 5 weeks postpartum. Stevenson JS, et al. **J Anim Sci** 1984 Aug;59(2):284-93

Energy balances of lactating sows in relation to feeding level and stage of lactation. Verstegen MW, et al. **J Anim Sci** 1985 Mar;60(3):731-40

The adhesion of coagulase negative staphylococci to human skin and its relevance to the bacterial flora of milk. Brooker BE, et al. **J Appl Bacteriol** 1984 Oct;57(2):325-32

In vitro metabolism of [3H] corticosterone by mammary glands from lactating rats. Isolation and identification of 21-acyl[3H]corticosterone. Pearlman WH, et al. **J Biol Chem** 1985 May 10;260(9):5296-301

Effect of postpartum lactation on lipoprotein lipids and apoproteins. Knopp RH, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):542-7

Fat cell metabolism in different regions in women. Effect of menstrual cycle, pregnancy, and lactation. Rebuffé-Scrive M, et al **J Clin Invest** 1985 Jun;75(6):1973-6

The pathogenicity of some ovine or caprine mycoplasmas in the lactating mammary gland of sheep and goats. Jones GE. **J Comp Pathol** 1985 Jul;95(3):305-18

Postpartum and lactational estrus: a comparative analysis in rodentia. Gilbert AN. **J Comp Psychol** 1984 Sep;98(3):232-45

Lipolysis and the distribution of lipase activity in bovine milk in relation to stage of lactation and time of milking. Ahrné L, et al. **J Dairy Res** 1985 Feb;52(1):55-64

Mammary uptake of amino acids and glucose throughout lactation in Friesland sheep. Fleet IR, et al. **J Dairy Res** 1985 May;52(2):229-37

An examination of teat drying with disinfectant impregnated cloths on the bacteriological quality of milk and on the transfer of Streptococcus agalactiae before milking. McKinnon CH, et al. **J Dairy Res** 1985 Aug;52(3):355-9

Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted Escherichia coli endotoxin. Schultze WD, et al. **J Dairy Res** 1985 Aug;52(3):361-8

Effect of serotonin on the motility of smooth muscles in teats of lactating cows. Vandeputte-Van Messon G, et al. **J Dairy Res** 1985 Aug;52(3):347-53

Projection of lactation milk yield from part records in crossbred dairy cows. Yadav SB, et al. **J Dairy Res** 1984 Nov;51(4):525-30

Hepatic gluconeogenic and ketogenic interrelationships in the lactating cow. Aiello RJ, et al. **J Dairy Sci** 1984 Aug;67(8):1707-15

Lactogenic hormones: binding sites, mammary growth, secretory cell differentiation, and milk biosynthesis in ruminants. Akers RM. **J Dairy Sci** 1985 Feb;68(2):501-19 (158 ref.)

Influence of milking frequency on productive and reproductive efficiencies of dairy cows. Amos HE, et al. **J Dairy Sci** 1985 Mar;68(3):732-9

Diurnal temperature patterns of early lactating cows with milking parlor cooling. Araki CT, et al. **J Dairy Sci** 1985 Jun;68(6):1496-501

Effect of lactation on diurnal temperature patterns of dairy cattle in hot environments. Araki CT, et al. **J Dairy Sci** 1984 Aug;67(8):1752-60

Blood and milk lipid responses induced by growth hormone administration in lactating cows. Bitman J, et al. **J Dairy Sci** 1984 Dec;67(12):2873-80

Differences in modified contemporary comparison sire evaluations from first and later lactations by breed. Cassell BG, et al. **J Dairy Sci** 1985 Jul;68(7):1778-84

Arginine infusion stimulates prolactin, growth hormone, insulin, and subsequent lactation in pregnant dairy cows. Chew BP, et al. **J Dairy Sci** 1984 Nov;67(11):2507-18

Components of variance and covariance between direct and fetal effects in production traits. Cue RI, et al. **J Dairy Sci** 1985 Jul;68(7):1758-62

Mammary blood flow and regulation of substrate supply for milk synthesis. Davis SR, et al. **J Dairy Sci** 1985 Apr;68(4):1041-58 (157 ref.)

Glucagon, insulin, growth hormone, and some blood metabolites during energy restriction ketonemia of lactating cows. de Boer G, et al. **J Dairy Sci** 1985 Feb;68(2):326-37

Three or two times daily milking of older cows and first lactation cows for entire lactations. DePeters EJ, et al. **J Dairy Sci** 1985 Jan;68(1):123-32

Effects of feeding whole cottonseed on composition of milk. DePeters EJ, et al. **J Dairy Sci** 1985 Apr;68(4):897-902

Effect of sodium bicarbonate addition to alfalfa hay-based diets on digestibility of dietary fractions and rumen characteristics. DePeters EJ, et al. **J Dairy Sci** 1984 Oct;67(10):2344-55

Dietary sodium bicarbonate for high-producing Holstein cows over complete lactations. Donker JD, et al. **J Dairy Sci** 1985 Jan;68(1):140-6

Addition of buffers to high quality alfalfa hay-based diets for dairy cows in early lactation. Eickelberger RC, et al. **J Dairy Sci** 1985 Jul;68(7):1722-31

Measures of de novo synthesis of milk components from propionate in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1985 Feb;68(2):312-9

Effects of propionate and methylmalonate on conversions of acetate, butyrate, and D(-)-3-hydroxybutyrate to fatty acids and carbon dioxide by mammary tissue slices of goats. Emmanuel B, et al. **J Dairy Sci** 1985 Mar;68(3):751-4

Selecting for lactation curve and milk yield in dairy cattle. Ferris TA, et al. **J Dairy Sci** 1985 Jun;68(6):1438-48

Nutritional chloride deficiency in early lactation Holstein cows. Fettman MJ, et al. **J Dairy Sci** 1984 Oct;67(10):2321-35

Whole rolled sunflower seeds with or without additional limestone in lactating dairy cattle rations. Finn AM, et al. **J Dairy Sci** 1985 Apr;68(4):903-13

Effect of infection status on quarter milk production and composition following omitted milking. Fox LK, et al. **J Dairy Sci** 1985 Feb;68(2):418-23

Effects of duration of udder stimulation on milking dynamics and oxytocin release. Gorewit RC, et al. **J Dairy Sci** 1985 Jul;68(7):1813-8

Effects of exogenous oxytocin on production and milking variables of cows. Gorewit RC, et al. **J Dairy Sci** 1984 Sep;67(9):2050-4

Plasma concentration and lipid composition of lipoproteins in lactating dairy cows fed control and high grain diets. Grummer RR, et al. **J Dairy Sci** 1984 Dec;67(12):2894-901

Glucagon, insulin, growth hormone, and glucose concentrations in blood plasma of lactating dairy cows. Herbein JH, et al. **J Dairy Sci** 1985 Feb;68(2):320-5

Influences of methionine hydroxy analog on milk and milk fat production, blood serum lipids, and plasma amino acids. Huber JT, et al. **J Dairy Sci** 1984 Nov;67(11):2525-31

Net absorption of glucose and nitrogenous compounds by lactating Holstein cows. Huntington GB. **J Dairy Sci** 1984 Sep;67(9):1919-27

Spray cooling effects on milk production, milk, and rectal temperatures of cows during a moderate temperate summer season. Igono MO, et al. **J Dairy Sci** 1985 Apr;68(4):979-85

Aspects of intracellular transit of serum and lipid phases of milk. Keenan TW, et al. **J Dairy Sci** 1985 Apr;68(4):1025-40 (60 ref.)

Amino acids in plasma and duodenal digesta and plasma growth hormone in cows fed varying amounts of protein of differing degradability. Kung L Jr, et al. **J Dairy Sci** 1984 Nov;67(11):2519-24

Effects of intermittent electrical shock on responses related to milk ejection. Lefcourt AM, et al. **J Dairy Sci** 1985 Feb;68(2):391–401

Production and physiological responses of dairy cows to varying dietary potassium during heat stress. Mallonée PG, et al. **J Dairy Sci** 1985 Jun;68(6):1479–87

Phenotypic and genetic statistics of components of milk and two measures of somatic cell concentration. Manfredi EJ, et al. **J Dairy Sci** 1984 Sep;67(9):2028–33

Effect of photoperiod on milk production and prolactin of Holstein dairy cows. Marcek JM, et al. **J Dairy Sci** 1984 Oct;67(10):2380–8

Genetic and phenotypic statistics of lactation cell counts in different lactations of Holstein cows. Monardes HG, et al. **J Dairy Sci** 1985 Jun;68(6):1449–55

Heritability of lactation cell count measures and their relationships with milk yield and composition in Ayrshire cows. Monardes HG, et al. **J Dairy Sci** 1984 Oct;67(10):2429–35

Prevalence and ultrastructural characteristics of bovine mammary corpora amylacea during the lactation cycle. Nickerson SC, et al. **J Dairy Sci** 1985 Mar;68(3):709–17

Biochemical and antibacterial properties of bovine mammary secretion during mammary involution and at parturition. Nonnecke BJ, et al. **J Dairy Sci** 1984 Dec;67(12):2863–72

Dye marked antibiotics for lactating cow mastitis therapy. Novak NF, et al. **J Dairy Sci** 1984 Aug;67(8):1841–9

Endocrine changes with infusion of propionate in the dairy cow. Peters JP, et al. **J Dairy Sci** 1984 Oct;67(10):2455–9

Response of lactating cows to pelleted and unpelleted soybean meal after partial protein depletion. Polan CE, et al. **J Dairy Sci** 1985 Jul;68(7):1696–705

Effects of adding beta-carotene to rations of lactating cows consuming different forages. Rakes AH, et al. **J Dairy Sci** 1985 Jul;68(7):1732–7

Forestomach and whole tract digestibility for lactating dairy cows as influenced by feeding frequency. Robinson PH, et al. **J Dairy Sci** 1985 Apr;68(4):857–67

Effects of relative humidity, maximum and minimum temperature, pregnancy, and stage of lactation on milk composition and yield. Rodriquez LA, et al. **J Dairy Sci** 1985 Apr;68(4):973–8

Response of dairy cows to sodium bicarbonate and limestone in early lactation. Rogers JA, et al. **J Dairy Sci** 1985 Mar;68(3):646–60

Milk production, nutrient digestion, and rate of digesta passage in dairy cows fed long or chopped alfalfa hay supplemented with sodium bicarbonate. Rogers JA, et al. **J Dairy Sci** 1985 Apr;68(4):868–80

Lactational response to a feed supplement containing fermentation products, cobalt, dextrose, and lactose. Schingoethe DJ, et al. **J Dairy Sci** 1984 Oct;67(10):2460–3

Evaluation of potato meal as a feedstuff for lactating dairy cows. Schneider PL, et al. **J Dairy Sci** 1985 Jul;68(7):1738–43

Influence of dietary sodium and potassium bicarbonate and total potassium on heat-stressed lactating dairy cows. Schneider PL, et al. **J Dairy Sci** 1984 Nov;67(11):2546–53

Relationship between milk production and mammary gland indices of guinea pigs. Sheffield LG, et al. **J Dairy Sci** 1985 Mar;68(3):638–45

Protein degradation in rumen and amino acid absorption in small intestine of lactating dairy cattle fed heat-treated whole soybeans. Stern MD, et al. **J Dairy Sci** 1985 Jan;68(1):45–56

Dietary magnesium oxide interactions with sodium bicarbonate on cows in early lactation. Teh TH, et al. **J Dairy Sci** 1985 Apr;68(4):881–90

Response of milking cows fed a high concentrate, low roughage diet plus sodium bicarbonate, magnesium oxide, or magnesium hydroxide. Thomas JW, et al. **J Dairy Sci** 1984 Nov;67(11):2532–45

Interaction of protein percent with caloric density and protein source for lactating cows. Van Horn HH, et al. **J Dairy Sci** 1985 Jul;68(7):1682–95

Evaluation of attenuated, live staphylococcal mastitis vaccine in lactating heifers. Watson DL. **J Dairy Sci** 1984 Nov;67(11):2608–13

Prediction of heifer transmitting ability from genetic evaluations of sire, dam, and maternal grandsire. Westell RA, et al. **J Dairy Sci** 1985 Jun;68(6):1432–7

Blood constituents in lactating Holstein cows influenced by hematocrit, sampling site, and diet protein and calcium. Wohlt JE, et al. **J Dairy Sci** 1984 Oct;67(10):2236–46

Water dynamics of dairy cattle as affected by initiation of lactation and feed intake. Woodford ST, et al. **J Dairy Sci** 1984 Oct;67(10):2336–43

Ruminal bypass of drinking water in lactating cows. Woodford ST, et al. **J Dairy Sci** 1984 Oct;67(10):2471–4

Changes in dentin appositional rates during pregnancy and lactation in rats. Miller SC, et al. **J Dent Res** 1985 Aug;64(8):1062–4

Ultrastructural changes of the pancreatic beta-cell and the insulin secretion by islets from lactating and non-lactating rats. Marynissen G, et al. **J Dev Physiol** 1985 Feb;7(1):17–23

The face fly (Diptera: Muscidae): effect on holstein milk secretion. Schmidtmann ET, et al. **J Econ Entomol** 1984 Oct;77(5):1200–5

Influence of vitamin D on mineral metabolism, hormonal status and bone histology in lactating rats and their pups. Cancela L, et al. **J Endocrinol** 1985 Jun;105(3):303–9

Role of the uterine cervix in inhibition of sexual behaviour in lactating rats. Forsberg G, et al. **J Endocrinol** 1985 Aug;106(2):183–8

Release of oxytocin during suckling and parturition in the rat. Higuchi T, et al. **J Endocrinol** 1985 Jun;105(3):339–46

Changes in epidermal growth factor concentrations of submandibular gland, plasma and urine of normal and sialoadenectomized female mice during various reproductive stages. Kurachi H, et al. **J Endocrinol** 1985 Aug;106(2):197–202

Effects of pup sucking behaviour on inhibition of sexual behaviour and ovulatory secretion of LH in lactating rats. Lindblom C, et al. **J Endocrinol** 1985 Mar;104(3):419–25

Secretion of oxytocin and milk removal as affected by milking cows with and without manual stimulation. Mayer H, et al. **J Endocrinol** 1984 Dec;103(3):355–61

Opioid peptides of the pituitary and hypothalamus: changes in pregnant and lactating rats. Petraglia F, et al. **J Endocrinol** 1985 May;105(2):239–45

Reappraisal of the influence of mammary distension on the frequency of milk ejection in the rat. Riggs CM, et al. **J Endocrinol** 1985 Apr;105(1):127–32

Oxytocin secretion during milking in dairy cows with regard to the variation and importance of a threshold level for milk removal. Schams D, et al. **J Endocrinol** 1984 Sep;102(3):337–43

Subcellular compartmentation of prolactin in rat lactotrophs. Torres AI, et al. **J Endocrinol** 1985 May;105(2):219–25

Some long-lasting neurochemical effects of prenatal or early postnatal exposure to diazepam. Frieder B, et al. **J Neurochem** 1985 Jul;45(1):37–42

Vitamin A during lactation: relationship of maternal diet to milk vitamin A content and to the vitamin A status of lactating rats and their pups. Davila ME, et al. **J Nutr** 1985 Aug;115(8):1033–41

Loss of tissues in female rats subjected to food restriction during lactation or during both gestation and lactation. Glore SR, et al. **J Nutr** 1985 Feb;115(2):233–42

Influence of undernutrition during gestation and suckling on development and sexual maturity in the rat. Menendez-Patterson A, et al. **J Nutr** 1985 Aug;115(8):1025–32

Effect of ambient temperature on the energy requirements of the lactating rat. Roberts SB, et al. **J Nutr** 1985 Aug;115(8):980–5

Lactation increases the efficiency of energy utilization in rats. Roberts SB, et al. **J Nutr** 1984 Dec;114(12):2193–200

Interaction between ethanol and low dietary zinc during gestation and lactation in the rat. Yeh LC, et al. **J Nutr** 1984 Nov;114(11):2027–33

Lactation suppression. Nonpharmaceutical versus pharmaceutical method. Wong S, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Jul–Aug;14(4):302–10

Pathway of mesocercariae of Alaria marcianae (Trematoda) through the mammary glands of lactating mice. Shoop WL, et al. **J Parasitol** 1984 Jun;70(3):333–6

Zinc supplementation in lactating women: evidence for mammary control of zinc secretion. Moore ME, et al. **J Pediatr** 1984 Oct;105(4):600–2

Breast milk volume and composition during late lactation (7–20 months). Dewey KG, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):713–20

Effects of intrauterine malnutrition on brain free amino acids of young rats, after nutritional recovery during lactation period. Trindade CE, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):795–800

Sodium and potassium distribution in the lactating mouse mammary gland in vivo. Berga SE, et al. **J Physiol (Lond)** 1985 Apr;361:219–30

Plasma concentrations of progesterone and 13,14-dihydro-15-keto-prostaglandin F-2 alpha during regression of the corpora lutea of lactation in the bandicoot (Isoodon macrourus). Gemmell RT. **J Reprod Fertil** 1984 Nov;72(2):295–9

Seasonal and circadian patterns of circulating prolactin during lactation and seasonal quiescence in the tammar, Macropus eugenii. Hinds LA, et al. **J Reprod Fertil** 1985 May;74(1):173–83

Effects of oestradiol benzoate treatment on the reproductive performance and endocrine status of sows after lactations of 10 or 35 days. Kirkwood RN, et al. **J Reprod Fertil** 1984 Nov;72(2):329–37

Dietary practices and aversions during pregnancy and lactation among Sudanese women. Osman AK. **J Trop Pediatr** 1985 Feb;31(1):16–20

Subjective assessment of lactational performance in Gambian mothers. Watkinson M, et al. **J Trop Pediatr** 1985 Jun;31(3):150–2

Plasma progesterone concentrations during the estrous cycle, pregnancy, and lactation in the Chinese hamster, Cricetulus griceus. Sato T, et al. **Jikken Dobutsu** 1984 Oct;33(4):501–8

Effect of pregnancy and nursing on the growth of metastases from N-nitroso-N-methylurea-induced mammary carcinomas. Gullino PM, et al. **JNCI** 1985 Jan;74(1):229–34

Effects of concurrent pregnancy and lactation on reproduction in four strains of mice. Nagasawa H, et al. **Lab Anim Sci** 1985 Apr;35(2):142–5

Can adoptive mothers breast-feed? [editorial] **Lancet** 1985 Aug 24;2(8452):426–7

Mammary transfer and metabolism in the rat of halogenated fatty acids of halogenated olive oil. Conacher HB, et al. **Lipids** 1984 Sep;19(9):637–42

Patterns of supplementation, nursing behavior, and lactation: a simulation analysis. MacQueen KM, et al. **Med Anthropol** 1984 Fall;8(4):274–91

Effect of prolactin and glucocorticoids on P-enolpyruvate carboxykinase activity in liver and mammary gland from diabetic and lactating rats. Lobato MF, et al. **Mol Cell Biochem** 1985 May;67(1):19–23

A prostatic-like acid phosphatase is present in human lactating milk. Podhajcer OL, et al. **Mol Cell Biochem** 1985 Feb;66(1):39–43

The importance of the peripeduncular nucleus in the neuroendocrine control of sexual behavior and milk ejection in the rat. Hansen S, et al. **Neuroendocrinology** 1984 Dec;39(6):563–72

Suckling decreases dopamine turnover in both medial and lateral aspects of the median eminence in the rat. Selmanoff M, et al. **Neurosci Lett** 1985 Jun 4;57(1):25–30

Effects of age, milking and season on magnesium, calcium and inorganic phosphorus metabolisms in cows. Shiga A, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):275–83

Relationship between maternal prolactin levels during pregnancy and lactation in women with pituitary adenoma. Narita O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):758–62

Induced lactation in nulliparous adoptive mothers. Ryba KA, et al. **NZ Med J** 1984 Nov 28;97(768):822–3

Effect of suckling on serum prolactin, luteinizing hormone, follicle-stimulating hormone, and estradiol during prolonged lactation. Battin DA, et al. **Obstet Gynecol** 1985 Jun;65(6):785–8

Diagnosis of breast masses in pregnant and lactating women by aspiration cytology. Bottles K, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):76S–78S

Epidermal growth factor in mouse milk during early lactation: lack of dependency on submandibular glands. Grueters A, et al. **Pediatr Res** 1985 Aug;19(8):853–6

Sequential changes in the antimicrobial protein concentrations in human milk during lactation and its relevance to banked human milk. Lewis-Jones DI, et al. **Pediatr Res** 1985 Jun;19(6):561–5

Food proteins and gut mucosal barrier. III. The influence of lactation and prolactin on the in vitro binding and uptake of bovine serum albumin and ovalbumin in the rat jejunum. Stern M, et al. **Pediatr Res** 1985 Mar;19(3):320–4

Biosynthesis of fatty acids by lactating human breast epithelial cells: an evaluation of the contribution to the overall composition of human milk fat. Thompson BJ, et al. **Pediatr Res** 1985 Jan;19(1):139–43

Acute endocrine correlates of attack by lactating females in male mice: effects on plasma prolactin, luteinizing hormone and corticosterone levels. Broida J, et al. **Physiol Behav** 1984 May;32(5):891–3

Behavioral insensitivity to progesterone during lactation in female rats. Clark AS, et al. **Physiol Behav** 1985 May;34(5):677–82

Maternal licking by virgin and lactating rats: water transfer from pups. Gubernick DJ, et al. **Physiol Behav** 1985 Apr;34(4):501–6

Influence of castration and brain GABA levels in three strains of mice on aggression towards lactating intruders. Haug M, et al. **Physiol Behav** 1984 May;32(5):767–70

Investigation of the nature of the 'stretch response' in suckling rats. Lau C, et al. **Physiol Behav** 1985 Apr;34(4):649–51

Regulation of milk ingestion in the infant rat. Lau C, et al. **Physiol Behav** 1984 Nov;33(5):809–15

The ultrastructure of mammary explants from virgin ovariectomized goats during hormone-induced lactogenesis. Dronik GV, et al. **Physiol Bohemoslov** 1984;33(6):495–500

Evidence for physiological function of epidermal growth factor: pregestational sialoadenectomy of mice decreases milk production and increases offspring mortality during lactation period. Okamoto S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6059–63

Thyroxine and triiodothyronine in milk of cows, goats, sheep, and guinea pigs. Akasha M, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):360–71

Psychotropics during pregnancy and lactation: a review. Calabrese JR, et al. **Psychosomatics** 1985 May;26(5):413–6, 424–6

Milk accumulation and secretion in the rabbit. Calvert DT, et al. **Q J Exp Physiol** 1985 Jul;70(3):357–63

(D-Met2,Pro5) enkephalinamide causes a decrease in plasma prolactin levels of lactating rats continuously suckled and an increase in those deprived of their litter. Nagy G, et al. **Regul Pept** 1984 Jul;8(4):321–6

Relationship between ovarian delta 5-3 beta-hydroxysteroid dehydrogenase activity and implantation in non-lactating and lactating mongolian gerbils (Meriones unguiculatus). Norris ML. **Reprod Nutr Dev** 1984;24(6):953–61

Propionate loading test for liver function in spontaneously ketotic dairy cows. Gröhn Y. **Res Vet Sci** 1985 Jul;39(1):24–8

Importance of water for the health and productivity of the dairy cow. Little W, et al. **Res Vet Sci** 1984 Nov;37(3):283–9

Effect of lactation on the metabolism of sheep adipose tissue. Smith RW, et al. **Res Vet Sci** 1984 Nov;37(3):320–3

Variations in blood composition in dairy cows during pregnancy and after calving. Tainturier D, et al. **Res Vet Sci** 1984 Sep;37(2):129–31

Immunophysiological activity of supramammary lymph nodes of the ewe during the very early phase of staphylococcal mastitis. Watson DL, et al. **Res Vet Sci** 1985 Jul;39(1):52-8

Nutrition, lactation and fertility in two Mexican rural communities. Fink AE. **Soc Sci Med** 1985;20(12):1295-305

Contraceptive use during lactation in developing countries. Pebley AR, et al. **Stud Fam Plann** 1985 Jan-Feb;16(1):40-51

Performance of Canadian Holstein-Friesian cattle in the humid forest zone of Ghana. I. Milk production. Kabuga JD, et al. **Trop Anim Health Prod** 1984 May;16(2):85-94

Studies on circadian periodicity of plasma, breast milk and urinary calcium in lactating Indian women. Singh RK, et al. **Trop Geogr Med** 1984 Dec;36(4):345-9

Index Lists provided by the VAMPP computer programme for dairy herd health and production control. IV. Interpretation and analysis of data on Index List 4. Noordhuizen JP, et al. **Vet Q** 1985 Jan;7(1):24-30

Index Lists provided by the VAMPP computer programme for dairy herd health and production control. I. Interpretation and analysis of data on Index List 1. Noordhuizen JP, et al. **Vet Q** 1985 Jan;7(1):3-10

Duration of bovine intramammary infections in commercial dairy herds. Grommers FJ, et al. **Vet Rec** 1985 Jun 1; 116(22):581-4

Strategic feeding of high yielding dairy cows. Johnson CL. **Vet Rec** 1984 Sep 15;115(11):270-2

Ultrastructural identification of Ia positive dendritic cells in the lactating rat mammary gland. Joshi K, et al. **Virchows Arch** [A] 1985;406(1):17-25

Alveolar epithelial cells of the mammary gland of lactating Myotis myotis: an ultrastructural study. Jimenez L, et al. **Z Mikrosk Anat Forsch** 1984;98(3):465-77

Effect of feeding silage with high butyric acid content on ketone body formation and milk yield in postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):15-23

Effect of energy balance on plasma glucose and ketone bodies in blood and milk and influence of hyperketonaemia on milk production of postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed** [A] 1984 Aug;31(7):539-47

Annual milk yield and reproductive performance of ketotic and non-ketotic dairy cows. Kauppinen K. **Zentralbl Veterinarmed** [A] 1984 Oct;31(9):694-704

Influence of stage of lactation and calcium level of the ration on mobilisation rate of calcium and excretion of hydroxyproline in urine in dairy cows. Studies with Na2EDTA infusions in monozygotic twins. van de Braak AE, et al. **Zentralbl Veterinarmed** [A] 1984 Dec; 31(10):725-39

[Problems of breast feeding in the rooming-in system] Sráčková D, et al. **Cesk Pediatr** 1985 Jan;40(1):39-42 (Eng. Abstr.) **(Cze)**

[Concentration of ammonia in the urine of dairy cows given green feed rations and winter feed rations] Lebeda M. **Vet Med (Praha)** 1984 Jul;29(7):387-400 (Eng. Abstr.) **(Cze)**

[Lactation promoting contraception] Biering-Sørensen K, et al. **Ugeskr Laeger** 1985 Apr 1;147(14):1213 **(Dan)**

[The relation between prolactin and lactational anestrus in swine] Bevers MM, et al. **Tijdschr Diergeneeskd** 1985 Feb 1;110(3):107-13 (Eng. Abstr.) **(Dut)**

[Changes in plasma parameters in rabbit does as a function of their physiological state and feed rationing] Viard-Drouet F, et al. **Ann Rech Vet** 1984;15(3):417-24 (Eng. Abstr.) **(Fre)**

[Plasma concentrations of immunoreactive calcitonin in rats during lactation] Besnard P, et al. **C R Acad Sci [III]** 1984; 299(8):311-4 (Eng. Abstr.) **(Fre)**

[Dynamics of the composition of lipids in human milk during lactation] Hurgoiu V, et al. **Pediatrie** 1985 Apr-May; 40(3):201-5 (Eng. Abstr.) **(Fre)**

[Activity of lipoprotein lipase in different adipose deposits and its relation to adipocyte size in the cow during fattening or early lactation] Chilliard Y, et al. **Reprod Nutr Dev** 1985; 25(1B):287-93 (Eng. Abstr.) **(Fre)**

[Mobilization of body stores in the lactating primiparous sow] Etienne M, et al. **Reprod Nutr Dev** 1985;25(1B):341-3 (Eng. Abstr.) **(Fre)**

[Maternal lactation as a method of contraception? 2. The epidemiology of postpartum amenorrhea] Chaabouni H, et al. **Tunis Med** 1984 Jan-Feb;62(1):83-90 (Eng. Abstr.) **(Fre)**

[Maternal lactation as a contraception method? 3. Comparison of maternal lactation with current methods of contraception] Fourati A, et al. **Tunis Med** 1984 Mar-Apr;62(2):137-41 (Eng. Abstr.) **(Fre)**

[Maternal lactation as a method of contraception? 1. The epidemiology of maternal lactation in a suburban region of Tunis] Khadraoui S, et al. **Tunis Med** 1983 Nov-Dec; 61(6):431-7 (Eng. Abstr.) **(Fre)**

[Feed intake of ewes in the perinatal period] Dittrich A, et al. **Arch Tierernahr** 1984 Oct;34(10):705-13 (Eng. Abstr.) **(Ger)**

[Nutrient digestibility and nitrogen utilization in lactating cows under restricted protein supply and subsequent refeeding] Röhrmoser G, et al. **Arch Tierernahr** 1984 Aug; 34(8):519-30 (Eng. Abstr.) **(Ger)**

[Calving interval as a function of production and age] Merkt H, et al. **DTW** 1985 Jan 6;92(1):4-6 (Eng. Abstr.) **(Ger)**

[Efficacy of spiramycin treatment in subclinical and clinically manifested Staphylococcus aureus mastitis in the udder of lactating cows] Ziv G, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):479-87 (Eng. Abstr.) **(Ger)**

[The isolation and characterization of human milk lactoferrin and the fluctuations of its concentration at different stages of lactation] Kawakata N. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):426-40 (Eng. Abstr.) **(Jpn)**

[Functional changes of the central nervous system in rat offspring treated with ethanol during lactating period] Tagashira E, et al. **Nippon Yakurigaku Zasshi** 1984 Oct; 84(4):345-52 (Eng. Abstr.) **(Jpn)**

[Peripheral blood cell counts and differential analysis in healthy women at 3 months postpartum. Increase in lymphocyte count and influence of lactation] Fujiyasu S, et al. **Rinsho Byori** 1984 Aug;32(8):909-12 **(Jpn)**

[Effect of keeping mother and child together on the lactation function] Khakimzhanova GD. **Akush Ginekol (Mosk)** 1985 Apr;(4):49-51 (Eng. Abstr.) **(Rus)**

[Neurohormonal regulation of lactation] Kolodina LN, et al. **Akush Ginekol (Mosk)** 1985 May;(5):5-8 (54 ref.) **(Rus)**

[Specific proteases which degrade prolactin in the mammary glands; subcellular localization and inhibitory analysis] Marinchenko GV. **Biokhimiia** 1985 Feb;50(2):200-10 (Eng. Abstr.) **(Rus)**

[Purification and properties of cathepsin D from the mammary glands of lactating rabbits] Markovich NA, et al. **Biokhimiia** 1985 May;50(5):795-803 (Eng. Abstr.) **(Rus)**

[Simultaneous vessel catheterization and placement of the transducer of an electromagnetic flowmeter on the portal vein of the cow] Aliev AA, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1585-8 **(Rus)**

[Primary structure of tRNALeuIAG from the mammary gland of the lactating cow] Vasil'eva IG, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1321-5 (Eng. Abstr.) **(Rus)**

[Secretory immune system of the breast in mothers and their newborn infants] Chernyshova LI, et al. **Pediatriia** 1985 Jan;(1):18-20 (Eng. Abstr.) **(Rus)**

[Characteristic features of the function of the NAD+- and NADP+-dehydrogenase systems in the milk of cows with different levels of milk production] Koiianongo FD, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):399-403 (Eng. Abstr.) **(Rus)**

[Relation between biochemical parameters in the blood of cows and milk production] Gabriš J, et al. **Vet Med (Praha)** 1985 Feb;30(2):65-72 (Eng. Abstr.) **(Slo)**

[Relation between the biochemical composition of the blood of cows and variations in milk production] Gabriš J, et al. **Vet Med (Praha)** 1985 Mar;30(3):141-8 (Eng. Abstr.) **(Slo)**

[The level of total amino acids in cow's milk and its relation to milk production] Gabriš J, et al. **Vet Med (Praha)** 1984 Oct;29(10):593-600 **(Slo)**

[Concentration of vitamin C in the final phase of pregnancy and in the early stage of lactation] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):92-8 (Eng. Abstr.) **(Spa)**

[Vitamin E in the final phase of pregnancy and the early stage of lactation] Vega-Franco L, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):585-93 (Eng. Abstr.) **(Spa)**

[Lactation and re-induction of lactation] Vargas W. **GEN** 1983 Jan-Jun;37(1-2):16-28 **(Spa)**

[Contraception with progesterone pellets during lactation] Peralta O, et al. **Rev Chil Obstet Ginecol** 1984;49(5):337-45 (Eng. Abstr.) **(Spa)**

[Smoking habits in a group of urban-marginal pregnant women and wet nurses in Santiago] Vío del Río F, et al. **Rev Med Chil** 1984 Sep;112(9):935-8 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Inhibition of lactation by cyclofenil and bromocriptine [letter] Schwarzenau E, et al. **Br J Obstet Gynaecol** 1984 Oct; 91(10):1053

Fertility regulation in nursing women. VI. Contraceptive effectiveness of a subdermal progesterone implant. Díaz S, et al. **Contraception** 1984 Oct;30(4):311-25

Effects of hormonal contraceptives on milk volume and infant growth. WHO Special Programme of Research, Development and Research Training in Human Reproduction Task force on oral contraceptives. Tankeyoon M, et al. **Contraception** 1984 Dec;30(6):505-22

Caprine mammary differentiation and initiation of lactation following prepartum colchicine infusion. Sordillo LM, et al. **Int J Biochem** 1984;16(12):1265-72

Effects of colchicine on milk yield, composition, and cellular differentiation during caprine lactogenesis. Sordillo LM, et al. **Int J Biochem** 1984;16(11):1135-41

Responses of high-producing dairy cows to long-term treatment with pituitary somatotropin and recombinant somatotropin. Bauman DE, et al. **J Dairy Sci** 1985 Jun; 68(6):1352-62

Effect of synthetic human pancreatic growth hormone-releasing factors on plasma growth hormone concentrations in lactating cows. McCutcheon SN, et al. **J Dairy Sci** 1984 Dec;67(12):2881-6

Intramammary infusions of cytochalasin B and dimethyl sulfoxide do not suppress milk secretion in the goat. Patton S, et al. **J Dairy Sci** 1984 Dec;67(12):3057-60

Stimulation of milk secretion with inhibition of milk ejection by corticosteroids during extended lactation in the rat. Flint DJ, et al. **J Endocrinol** 1984 Nov;103(2):213-8

Hormone concentrations, mammary development and milk yield in goats given long-term bromocriptine treatment in pregnancy. Forsyth IA, et al. **J Endocrinol** 1985 Jan; 104(1):77-85

Effect of intravenous bovine growth hormone or human pancreatic growth hormone-releasing factor on milk production and plasma hormones and metabolites in sheep. Hart IC, et al. **J Endocrinol** 1985 May;105(2):189-96

Substance P immunoreactivity in the rat mammary nipple and the effects of capsaicin treatment on lactation. Traurig H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):1-8

Effects of dehydroepiandrosterone-sulphate (DHEA-S) administration on puerperal lactation and maternal prolactin and estradiol levels. Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1935-42

Lactation in the nulliparous [letter] Raymond SH. **NZ Med J** 1985 Feb 13;98(772):73-4

The effects of vincristine on milk secretion and milk composition in the goat. Henderson AJ, et al. **Q J Exp Physiol** 1985 Jan;70(1):15-22

Antirheumatic drug treatment during pregnancy and lactation. Ostensen M, et al. **Scand J Rheumatol** 1985; 14(1):1-7 (53 ref.)

Effect of tylosin on milk yield and dry matter intake of lactating dairy cows. Mackinnon JD, et al. **Vet Rec** 1984 Sep 15;115(11):278

[The effect of sulpiride on insufficient lactation] Engdahl E, et al. **Ugeskr Laeger** 1985 Apr 1;147(14):1211-2 **(Dan)**

[Changes in the conditions of milk extraction as affected by a beta mimetic (isoprenaline) administered by intrajugular route during mechanical milking of cows] Bernabé J, et al. **Reprod Nutr Dev** 1985;25(1A):61-74 (Eng. Abstr.) **(Fre)**

[Effect of adrenaline and phenylephrine on milk extraction during the mechanical milking of cows] Bernabé J, et al. **Reprod Nutr Dev** 1985;25(2):379-88 (Eng. Abstr.) **(Fre)**

[Lactation inhibition with various dosages of lisuride--prolactin secretion and effectiveness] Strahl HJ, et al. **Zentralbl Gynakol** 1985;107(5):300-3 (Eng. Abstr.) **(Ger)**

[Effect of preparation MP-15 on the productivity and metabolism of lactating cows] Mel'nichuk DA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):44-9 (Eng. Abstr.) **(Rus)**

[Plasma prolactin in the puerperium and its relation to the use of methylergonovine maleate] González P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):149-55 (Eng. Abstr.) **(Spa)**

[Effect of a combined oral contraceptive on lactation and growth of the infant] Peralta O, et al. **Rev Chil Obstet Ginecol** 1983;48(5):372-80 (Eng. Abstr.) **(Spa)**

LACTATION DISORDERS

BLOOD

The natural history of idiopathic hyperprolactinemia. Martin TL, et al. **J Clin Endocrinol Metab** 1985 May;60(5):855-8

Twenty-four-hour prolactin secretory patterns in women with galactorrhea, normal menses, normal random prolacting levels and abnormal sellar tomograms. Kapcala LP, et al. **J Endocrinol Invest** 1984 Oct;7(5):455-60

Idiopathic non-puerperal galactorrhoea. Natarajan C, et al. **J Indian Med Assoc** 1984 May;82(5):175-6

[Hyperprolactinemia--its relation to galactorrhea, amenorrhea, pituitary tumor and its management] Ge QS. **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):545-9 (Eng. Abstr.) **(Chi)**

CHEMICALLY INDUCED

Black galactorrhea as a consequence of minocycline and phenothiazine therapy. Basler RS, et al. **Arch Dermatol** 1985 Mar;121(3):417-8

Iatrogenic breast discharge with isotretinoin [letter] Larsen GK. **Arch Dermatol** 1985 Apr;121(4):450-1

[A clinical study on the characteristics of galactorrhea-amenorrhea (especially of drug-induced galactorrhea-amenorrhea] Onda H. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1851-60 (Eng. Abstr.) **(Jpn)**

[Case of galactorrhea in a transsexual male patient] Kozlov GI, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):37-8 **(Rus)**

DRUG THERAPY

Serum prolactin levels in women with excessive milk production. Normalization by transitory prolactin inhibition. Peters F, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):463-6

Metoclopramide as a lactogogue. Gupta AP, et al. **Clin Pediatr (Phila)** 1985 May;24(5):269-72

Metoclopramide and breast feeding: efficacy and anterior pituitary responses of the mother and the child. Kauppila A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan; 19(1):19-22

Domperidone in defective and insufficient lactation. Petraglia F, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May; 19(5):281-7

The use of bromocriptine in hyperprolactinemia and galactorrhea in Singapore. Tsakok FH, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):109–13

[Bromocriptine in the treatment of galactorrhea with anovulation; report of 53 cases] Zhang YW. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):136–9, 189 (Eng. Abstr.) **(Chi)**

[Results of bromocriptine treatment of women with functional amenorrhea-galactorrhea syndrome] Baranowska B, et al. **Endokrynol Pol** 1984;35(4):219–29 (Eng. Abstr.) **(Pol)**

[Use of bromocriptine in pathologic lactation and mastitis] Peters F, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):46–8 **(Rus)**

ETIOLOGY

Galactorrhea and thyrotoxicosis. Kapcala LP. **Arch Intern Med** 1984 Dec;144(12):2349–50

Gynaecological importance of unusual pituitary tumours. Fraser IS, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):44–9

Hyperprolactinaemia, amenorrhoea and galactorrhoea due to a pituitary thyrotroph adenoma. Scanlon MF, et al. **Clin Endocrinol (Oxf)** 1985 Jul;23(1):35–42

Can pharmacologic hyperprolactinemia and breast-suction induce lactation in women with normal menstrual cycles? Polatti F, et al. **Clin Exp Obstet Gynecol** 1984;11(4):123–5

Galactorrhea secondary to chest wall surgery in an adolescent. Letson GW, et al. **J Adolesc Health Care** 1984 Oct;5(4):277–8

Somatotropic adenoma manifested by galactorrhea without acromegaly. Tourniaire J, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):451–3

Galactorrhea-amenorrhea and hyperprolactinemia associated with pituitary tumors of growth-hormone- and adrenocorticotropic-hormone-secreting cells. A report of two cases. Haney AF, et al. **J Reprod Med** 1984 Dec;29(12):883–7

Galactorrhea after radical mastectomy. Fukunishi H, et al. **Kobe J Med Sci** 1984 Dec;30(5–6):89–98

Galactorrhoea amenorrhoea syndrome due to internal carotid artery aneurysm. Garg SK, et al. **Postgrad Med J** 1985 Jul;61(717):611–3

METABOLISM

Prolactin concentration in milk and plasma of puerperal women and patients with galactorrhea. Adamopoulos DA, et al. **J Endocrinol Invest** 1984 Aug;7(4):273–6

OCCURRENCE

Case-control study of galactorrhea and its relationship to the use of oral contraceptives. Taler SJ, et al. **Obstet Gynecol** 1985 May;65(5):665–8

PHYSIOPATHOLOGY

Prolactin secretion and biological activity in females with galactorrhoea and normal circulating prolactin concentrations at rest. Johnston DG, et al. **Clin Endocrinol (Oxf)** 1985 May;22(5):661–78

Menstrual pattern and ovarian function in women with hyperprolactinemia. Bahamondes L, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):31–6

[Does prolactin have a role in the physiopathology of luteal insufficiency?] Vielh JP, et al. **Presse Med** 1985 Feb 23;14(8):467–70 (Eng. Abstr.) **(Fre)**

[Role of prolactin in galactorrhea and pregnancy: physiologic and pathologic aspects] Welt M, et al. **Union Med Can** 1984 Jul;113(7):594–8 (30 ref.) (Eng. Abstr.) **(Fre)**

[Endocrine changes in women with galactorrhea] Sadykova MSh, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):22–5 (Eng. Abstr.) **(Rus)**

[Status of the mammary glands in a persistent lactorrhea-amenorrhea syndrome] Bukhteeva NF, et al. **Sov Med** 1984;(11):75–8 **(Rus)**

RADIOGRAPHY

Serum prolactin levels before and after galactography in patients with pathological nipple discharge. Abet L, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):360–3

[Computed tomography of amenorrhea-galactorrhea syndrome] Nemoto Y, et al. **Rinsho Hoshasen** 1984 May;29(5):561–4 (Eng. Abstr.) **(Jpn)**

[Galactography--indications and technic of examination] Iwaszkiewicz K. **Pol [illegible] Radiol (Warszawa)** 1984 Mar-Apr;48(2):87–91 (E[illegible] Abstr.) **(Pol)**

SURGERY

[Ductectomy as diagnosis and treatment of galactorrhea without palpable lesions] Monstrey SJ, et al. **Ned Tijdschr Geneeskd** 1985 Feb 16;129(7):309–12 (Eng. Abstr.) **(Dut)**

[Selective galactophorectomy: technic and indications] Rossillon D, et al. **Acta Chir Belg** 1985 Jan-Feb;85(1):31–5 (Eng. Abstr.) **(Fre)**

THERAPY

Contemporary breast-feeding management. Neifert MR, et al. **Clin Perinatol** 1985 Jun;12(2):319–42

Acupuncture therapy does not change metoclopramide-induced prolactin secretion in normoprolactinaemic galactorrhea syndrome. Komorowski JM, et al. **Endokrynol Pol** 1984;35(4):231–4

Resolution of acromegaly, amenorrhea-galactorrhea syndrome, and hypergastrinemia after resection of jejunal carcinoid. Spero M, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):392–5

[Combined treatment of destructive forms of lactation mastitis] Ogonovskii VK, et al. **Klin Khir** 1985 Jan;(1):32–3 (Eng. Abstr.) **(Rus)**

[Papain-furacillin dialysis and ultrasonic therapy combined with active surgical treatment of acute destructive lactation mastitis] Udod VM, et al. **Klin Khir** 1985 Jan;(1):33–5 (Eng. Abstr.) **(Rus)**

VETERINARY

Firm udder in periparturient ewes with lymphocytic accumulations, retrovirus infection, and milk unavailable at the teat. Anderson BC, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):391–3

A chronic indurative mastitis in sheep, associated with maedi/visna virus infection. van der Molen EJ, et al. **Vet Q** 1985 Apr;7(2):112–9

[Prevention of mastitis-metritis-agalactia in sows of problem herds] Koch W. **Schweiz Arch Tierheilkd** 1985 Apr;127(4):273–7 (Eng. Abstr.) **(Ger)**

LACTATION, PROLONGED see under **LACTATION**

LACTIC CYTOCHROME REDUCTASE see **LACTATE DEHYDROGENASE**

LACTIC DEHYDROGENASE VIRUS see **LACTATE DEHYDROGENASE VIRUS**

LACTOBACILLUS

Drinking water treatment with a commercial preparation of a concentrated Lactobacillus culture for broiler chickens. Watkins BA, et al. **Poult Sci** 1984 Aug;63(8):1671–3

Lactobacillemia in pregnancy. Digamon-Beltran M, et al. **South Med J** 1985 Sep;78(9):1138–9

[Influence of Corynebacterium parvum, BCG, OK-432 and Lactobacillus casei on the hepatic drug-metabolizing systems and on the oxygen radical production by fixed macrophages in liver of BALB/c mouse] Hashimoto S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):356–61 (Eng. Abstr.) **(Jpn)**

[Use of protective factors in products for child nutrition] Blokhina IN. **Vopr Pitan** 1984 Nov-Dec;(6):7–11 (38 ref.) **(Rus)**

ANALYSIS

Structural studies on the linkage unit of ribitol teichoic acid of Lactobacillus plantarum. Kojima N, et al. **Eur J Biochem** 1985 Apr 1;148(1):29–34

DRUG EFFECTS

In vitro studies with terconazole. Isaacson DM, et al. **Gynakol Rundsch** 1985;25 Suppl 1:12–25

Effect of NaF and pH on the growth and glycolytic rate of recently isolated strains of oral Lactobacillus species. Milnes AR, et al. **J Dent Res** 1985 Mar;64(3):401–4

ENZYMOLOGY

CU(II)-dependent inactivation of Mn-catalase by hydroxylamine. Kono Y. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):75–9

Mechanism of inactivation of Escherichia coli and Lactobacillus leichmannii ribonucleotide reductases by 2'-chloro-2'-deoxynucleotides: evidence for generation of 2-methylene-3(2H)-furanone. Harris G, et al. **Biochemistry** 1984 Oct 23;23(22):5214–25

beta-D-galactosidase of Lactobacillus species. Cesca B, et al. **Folia Microbiol (Praha)** 1984;29(4):288–94

Isolation and properties of beta-galactosidase of a strain of Lactobacillus helveticus isolated from natural whey starter. de Macias ME, et al. **J Appl Biochem** 1983 Aug-Oct;5(4–5):275–81

Purification and properties of malolactic enzyme from Lactobacillus murinus CNRZ 313. Strasser de Saad AM, et al. **J Appl Biochem** 1984 Oct-Dec;6(5–6):374–83

Purification and biochemical characterization of pyruvate oxidase from Lactobacillus plantarum. Sedewitz B, et al. **J Bacteriol** 1984 Oct;160(1):273–8

Physiological role of pyruvate oxidase in the aerobic metabolism of Lactobacillus plantarum. Sedewitz B, et al. **J Bacteriol** 1984 Oct;160(1):462–5

Photoaffinity labeling of undecaprenyl pyrophosphate synthetase with a farnesyl pyrophosphate analogue. Baba T, et al. **J Biol Chem** 1985 Sep 5;260(19):10467–73

Pyruvoyl-dependent histidine decarboxylases. Comparative sequences of cysteinyl peptides of the enzymes from Lactobacillus 30a, Lactobacillus buchneri, and Clostridium perfringens. Huynh QK, et al. **J Biol Chem** 1985 Mar 10;260(5):2794–7

Pyruvoyl-dependent histidine decarboxylases. Preparation and amino acid sequences of the beta chains of histidine decarboxylase from Clostridium perfringens and Lactobacillus buchneri. Huynh QK, et al. **J Biol Chem** 1985 Mar 10;260(5):2798–803

Affinity labeling of dihydrofolate reductase with an antifolate glyoxal. Johanson RA, et al. **J Biol Chem** 1985 Feb 10;260(3):1465–74

Pyruvoyl-dependent histidine decarboxylases. Mechanism of cleavage of the proenzyme from Lactobacillus buchneri. Recsei PA, et al. **J Biol Chem** 1985 Mar 10;260(5):2804–6

Structure determination of histidine decarboxylase from Lactobacillus 30a at 3.0 A resolution. Parks EH, et al. **J Mol Biol** 1985 Apr 5;182(3):455–65

[The microflora of sourdough. XIX. The effect of temperature and dough yield on the proteolytic effect of lactic acid bacteria in sourdough] Spicher G, et al. **Z Lebensm Unters Forsch** 1984 Jul;179(1):36–9 (Eng. Abstr.) **(Ger)**

GENETICS

Cryptic plasmids in Lactobacillus strains isolated from the murine gastrointestinal tract. Lin JH, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1004–6

GROWTH & DEVELOPMENT

The derivation and use of mice which do not harbour lactobacilli in the gastrointestinal tract. Tannock GW, et al. **Can J Microbiol** 1984 Jun;30(6):849–53

Competitive exclusion of uropathogens from human uroepithelial cells by Lactobacillus whole cells and cell wall fragments. Chan RC, et al. **Infect Immun** 1985 Jan;47(1):84–9

[The quantitative composition of the intestinal lactoflora before and after space flights of different lengths] Lencner AA, et al. **Nahrung** 1984;28(6–7):607–13 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

[Current treatment methods in aspecific colpitis] Boos R, et al. **Ther Umsch** 1985 Mar;42(3):214–20 (Eng. Abstr.) **(Ger)**

[Treatment of aspecific colpitis with Solco Trichovac] Litschgi M. **Ther Umsch** 1985 Mar;42(3):221–4 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

The effect of caries-preventive measures in mothers on dental caries and the oral presence of the bacteria Streptococcus mutans and lactobacilli in their children. Köhler B, et al. **Arch Oral Biol** 1984;29(11):879–83

Microaerophilic/anaerobic bacteria as a cause of urinary tract infection in pregnancy. Barr JG, et al. **Br J Obstet Gynaecol** 1985 May;92(5):506–10

Streptococcus mutans and Lactobacillus detection in the assessment of dental root surface caries risk. Ellen RP, et al. **J Dent Res** 1985 Oct;64(10):1245–9

Lactobacillus lactis as dominant lactobacilli flora in human intestine. Dellaglio F, et al. **Microbiologica** 1984 Oct;7(4):381–3

Flow rate, pH, and lactobacillus and yeast counts of stimulated whole saliva in adults. Parvinen T. **Proc Finn Dent Soc** 1984;80 Suppl 9–11:1–71

Stimulated salivary flow rate, pH and lactobacillus and yeast concentrations in medicated persons. Parvinen T, et al. **Scand J Dent Res** 1984 Dec;92(6):524–32

Stimulated salivary flow rate, pH and lactobacillus and yeast concentrations in persons with different types of dentition. Parvinen T. **Scand J Dent Res** 1984 Oct;92(5):412–8

Salivary counts of lactobacilli and Streptococcus mutans in caries prediction. Stecksén-Blicks C. **Scand J Dent Res** 1985 Jun;93(3):204–12

[Flow rate, pH, and lactobacillus and yeast counts of stimulated whole saliva in adults] Parvinen T. **Proc Finn Dent Soc** 1985;81(2):113–6 (Eng. Abstr.) **(Fin)**

[Concentration profiles of putrescine and cadaverine in inoculated vacuum packed beef] Slemr J, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):305–7 (Eng. Abstr.) **(Ger)**

[isolation, assay and biotyping of lactobacillary flora of the vagina] Magliano EM, et al. **Boll Ist Sieroter Milan** 1984 Sep;63(4):331–7 (Eng. Abstr.) **(Ita)**

[Lactobacillus in the saliva of persons with carious and non-carious teeth] Hakgüdener Y. **Mikrobiyol Bul** 1985 Jan;19(1):29–35 (Eng. Abstr.) **(Tur)**

METABOLISM

Oxygen dependent lactate utilization by Lactobacillus plantarum. Murphy MG, et al. **Arch Microbiol** 1985 Feb;141(1):75–9

Growth and end-product formation in fermenter cultures of Brochothrix thermosphacta ATCC 11509T and two psychrotrophic Lactobacillus spp. in different gaseous atmospheres. Blickstad E, et al. **J Appl Bacteriol** 1984 Oct;57(2):213–20

Production of amines in monoxenic chicken inoculated with a Lactobacillus strain isolated from holoxenic (conventional) cock crop. Lionelle NB, et al. **Prog Clin Biol Res** 1985;181:119–22

The metabolism of several carboxylic acids by lactic acid bacteria. Radler F, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):228–31

PHYSIOLOGY

Selection of Streptococcus mutans and lactobacilli in an intra-oral human caries model. Arneberg P, et al.

J Dent Res 1984 Oct;63(10):1197-200

pH change in artificial dental plaque formed by glucosyltransferase and some oral bacteria during batch and continuous culture. Takehara T, et al. **J Dent Res** 1985 Mar;64(3):447-9

[Adhesive properties of lactobacilli isolated from the human gastrointestinal tract] Brilis VI, et al. **Nahrung** 1984; 28(6-7):635-40 (Eng. Abstr.) **(Ger)**

[Antagonism of Streptococcus, Lactobacillus and Leuconostoc strains from fresh, unpasteurized cheeses against various enteropathogenic bacteria] Fernández Escartín E, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar; 26(1):47-51 (Eng. Abstr.) **(Spa)**

LACTOBACILLUS ACIDOPHILUS

Alleviation of lactose malabsorption from sweet acidophilus milk [letter] McDonough FE, et al. **Am J Clin Nutr** 1985 Aug;42(2):345-6

Lactobacillus feeding alters human colonic bacterial enzyme activities. **Nutr Rev** 1984 Nov;42(11):374-6

[Acidophilus milk for therapy in gastrointestinal disorders] Alm L. **Nahrung** 1984;28(6-7):683-4 (Eng. Abstr.) **(Ger)**

[Use of oral bacteria therapy in childhood during acute enteritis and functional chronic diarrhea. Clinical experience] Gregori G, et al. **Acta Biomed Ateneo Parmense** 1985;56(1):23-6 (Eng. Abstr.) **(Ita)**

[Use of lactic-acid bacteria in the prevention and treatment of suppurative-inflammatory diseases in pregnant women and puerperae] Saiadian OB, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):53-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

Purification and characterization of the Lactobacillus acidophilus bacteriocin lactacin B. Barefoot SF, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):328-34

ENZYMOLOGY

Distinct sites for deoxyguanosine and deoxyadenosine phosphorylation on a monomeric kinase from Lactobacillus acidophilus. Chakravarty R, et al. **Biochemistry** 1984 Dec 4;23(25):6235-40

GROWTH & DEVELOPMENT

Importance of bile tolerance of Lactobacillus acidophilus used as a dietary adjunct. Gilliland SE, et al. **J Dairy Sci** 1984 Dec;67(12):3045-51

Colonization of a human intestine by four different genotypes of Lactobacillus acidophilus. Sarra PG, et al. **Microbiologica** 1984 Oct;7(4):331-9

IMMUNOLOGY

Clinical experience with SolcoTrichovac in the treatment of vaginal trichomoniasis. Ngumbi PM, et al. **East Afr Med J** 1984 May;61(5):372-5

METABOLISM

Assimilation of cholesterol by Lactobacillus acidophilus. Gilliland SE, et al. **Appl Environ Microbiol** 1985 Feb; 49(2):377-81

PHYSIOLOGY

Antimicrobic effects of Lactobacillus fermentation on edible waste material contaminated with infected carcasses. Shotts EB Jr, et al. **Am J Vet Res** 1984 Nov;45(11):2467-70

LACTOBACILLUS CASEI

[Clinical experience in LC-9018 Lactobacillus preparation] Toge T, et al. **Gan To Kagaku Ryoho** 1985 May; 12(5):1160-1 **(Jpn)**

[Antitumor activity of Lactobacillus casei YIT 9018 (LC 9018)--effect of administration route] Yokokura T, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2427-33 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Setting calcium hydroxide base materials. Studies on their antibacterial effects in vitro. Fisher FJ, et al. **Br Dent J** 1984 Aug 25;157(4):133-5

ENZYMOLOGY

A nitrocellulose-filter assay for the binary complex of 5-fluorodeoxyuridylate and Lactobacillus casei thymidylate synthetase. Ahmed F, et al. **Anal Biochem** 1985 Feb 15;145(1):151-9

Multinuclear NMR characterization of two coexisting conformational states of the Lactobacillus casei dihydrofolate reductase-trimethoprim-NADP+ complex. Birdsall B, et al. **Biochemistry** 1984 Sep 25;23(20):4733-42

Characterization of a membrane-regulated sugar phosphate phosphohydrolase from Lactobacillus casei. London J, et al. **J Bacteriol** 1985 Sep;163(3):951-6

A 1H NMR study of the interactions and conformations of rationally designed brodimoprim analogues in complexes with Lactobacillus casei dihydrofolate reductase. Birdsall B, et al. **J Med Chem** 1984 Dec;27(12):1672-6

GENETICS

Characterization and molecular cloning of cryptic plasmids isolated from Lactobacillus casei. Lee-Wickner LJ, et al. **Appl Environ Microbiol** 1985 May;49(5):1154-61

Nucleotide sequence of the dihydrofolate reductase gene of methotrexate-resistant Lactobacillus casei. Andrews J, et al. **Gene** 1985;35(1-2):217-22

ISL1: a new transposable element in Lactobacillus casei. Shimizu-Kadota M, et al. **MGG** 1985;200(2):193-8

GROWTH & DEVELOPMENT

Influence of pH and fluoride on properties of an oral strain of Lactobacillus casei grown in continuous culture. Hamilton IR, et al. **Infect Immun** 1985 Jun;48(3):664-70

IMMUNOLOGY

Coronary arteritis in mice following the systemic injection of group B Lactobacillus casei cell walls in aqueous suspension. Lehman TJ, et al. **Arthritis Rheum** 1985 Jun; 28(6):652-9

Protective effect of Lactobacillus casei on Pseudomonas aeruginosa infection in mice. Miake S, et al. **Infect Immun** 1985 May;48(2):480-5

Induction of tumoricidal peritoneal exudate cells by administration of Lactobacillus casei. Kato I, et al. **Int J Immunopharmacol** 1985;7(1):103-9

Comparison of antitumor activity of Lactobacillus casei with other bacterial immunopotentiators. Yasutake N, et al. **Med Microbiol Immunol (Berl)** 1984;173(3):113-25

ISOLATION & PURIFICATION

Presence of Lactobacillus casei in saliva from children and adults using a new medium. Claesson R, et al. **Scand J Dent Res** 1985 Feb;93(1):17-22

METABOLISM

Differential interaction of cations with the thiamine and biotin transport proteins of Lactobacillus casei. Henderson GB, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):201-6

Biosynthesis of D-alanyl-lipoteichoic acid by Lactobacillus casei: interchain transacylation of D-alanyl ester residues. Childs WC 3d, et al. **J Bacteriol** 1985 Jun;162(3):1191-5

Futile xylitol cycle in Lactobacillus casei. Hausman SZ, et al. **J Bacteriol** 1984 Oct;160(1):211-5

Kinetic evidence for two interconvertible forms of the folate transport protein from Lactobacillus casei. Henderson GB, et al. **J Bacteriol** 1985 Sep;163(3):1147-52

PATHOGENICITY

Toxicity of microbial products in cell culture. Ongrádi J, et al. **Folia Microbiol (Praha)** 1984;29(6):450-4

PHYSIOLOGY

Prevention of urinary tract infection in rats with an indigenous Lactobacillus casei strain. Reid G, et al. **Infect Immun** 1985 Aug;49(2):320-4

LACTOFERRIN see under **LACTOGLOBULINS**

LACTOGEN HORMONE, PLACENTAL see **PLACENTAL LACTOGEN**

LACTOGENIC HORMONE, PITUITARY see **PROLACTIN**

LACTOGLOBULINS

Homology between the primary structures of beta-lactoglobulins and human retinol-binding protein: evidence for a similar biological function? Godovac-Zimmermann J, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):431-4

Calculation of the thermodynamic quantities of solvation for lysozyme and beta-lactoglobulin A in guanidinium chloride. Lapanje S. **Biopolymers** 1984 Oct;23(10):1943-50

Human lactotransferrin: amino acid sequence and structural comparisons with other transferrins. Metz-Boutigue MH, et al. **Eur J Biochem** 1984 Dec 17;145(3):659-76

[Lactoferrin. Chemistry, presence and biological effects] Birgens HS. **Ugeskr Laeger** 1984 Nov 26;146(48):3739-41 (Eng. Abstr.) **(Dan)**

ANALYSIS

Dietary bovine beta-lactoglobulin is transferred to human milk. Jakobsson I, et al. **Acta Paediatr Scand** 1985 May; 74(3):342-5

Distribution of a new myelomonocytic antigen (L1) in human peripheral blood leukocytes. Immunofluorescence and immunoperoxidase staining features in comparison with lysozyme and lactoferrin. Dale I, et al. **Am J Clin Pathol** 1985 Jul;84(1):24-34

Ultrastructural localization of lactoferrin and myeloperoxidase in human neutrophils by immunogold. Cramer E, et al. **Blood** 1985 Feb;65(2):423-32

Localization of lactoferrin and nonspecific cross-reacting antigen in human breast carcinomas. An immunohistochemical study using the avidin-biotin-peroxidase complex method. Charpin C, et al. **Cancer** 1985 Jun 1;55(11):2612-7

Lysozyme and lactoferrin in sputum from patients with chronic obstructive lung disease. Harbitz O, et al. **Eur J Respir Dis** 1984 Oct;65(7):512-20

The primary structure of monomeric beta-lactoglobulin I from horse colostrum (Equus caballus, Perissodactyla). Conti A, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec; 365(12):1393-401

Levels of salivary lysozyme, lactoperoxidase, and lactoferrin in diabetic hamsters. Muratsu K, et al. **Infect Immun** 1985 May;48(2):389-94

Relationships between levels of lysozyme, lactoferrin, salivary peroxidase, and secretory immunoglobulin A in stimulated parotid saliva. Rudney JD, et al. **Infect Immun** 1985 Sep;49(3):469-75

Does beta-lactoglobulin occur in human milk? Brignon G, et al. **J Dairy Res** 1985 May;52(2):249-54

A rapid and sensitive non-competitive avidin-biotin assay for lactoferrin. Vilja P, et al. **J Immunol Methods** 1985 Jan 21;76(1):73-83

Breast milk lactoferrin levels in relation to maternal nutritional status. Houghton MR, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):230-3

Lactoferrin in pure pancreatic juice. Nicolai JJ, et al. **Scand J Gastroenterol** 1984 Sep;19(6):765-9

Immunohistochemical demonstration of lactoferrin in follicular adenomas and thyroid carcinomas. Tuccari G, et al. **Virchows Arch** [A] 1985;406(1):67-74

[Lactoferrin and cancer of the pancreas (letter)] Pignal F, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):982 **(Fre)**

[Localization of lactoferrin in gastric mucosa] Nishida O, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):1-8 (Eng. Abstr.) **(Jpn)**

[Immunochemical and physico-chemical characteristics of lactoferrin in human body fluids] Nikolaev AA, et al. **Vopr Med Khim** 1985 May-Jun;31(3):128-32 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Lactoferrin biosynthesis during granulocytopoiesis. Rado TA, et al. **Blood** 1984 Nov;64(5):1103-9

BLOOD

Lactoferrin (LF), prostaglandin E (PGE) and neutrophils in children with sickle cell disease (SCD) [letter] Carpentieri U, et al. **Blut** 1985 Jan;50(1):57-8

Lactoferrin serum levels in burned patients. Chiarelli A, et al. **Boll Ist Sieroter Milan** 1985;64(1):86-8

Lactoferrin in the myeloproliferative disorders: a search for granulopoietic regulator defects. Brown RD, et al. **Br J Haematol** 1985 Apr;59(4):617-26

Quantitative cytochemistry of blood neutrophils in myelodysplastic syndromes and chronic granulocytic leukaemia. Schofield KP, et al. **Cell Biochem Funct** 1983 Jul;1(2):92-6

Rapid radiometric assay used to assess lactoferrin in granulocytes. Freeman KL, et al. **Clin Chem** 1985 Mar; 31(3):407-9

Plasma levels of lactoferrin in children suffering from cystic fibrosis. Benini L, et al. **Digestion** 1985;31(4):200-4

Myelolactoferrin index (MLF) and myelopoiesis during bacterial infections and malignant diseases. Neth R, et al. **Hamatol Bluttransfus** 1985;29:183-6

Serum lactoferrin in polycythemia [letter] Yuen E, et al. **Pathology** 1985 Jan;17(1):127

Lactoferrin in plasma measured by an ELISA technique: evidence that plasma lactoferrin is an indicator of neutrophil turnover and bone marrow activity in acute leukaemia. Birgens HS. **Scand J Haematol** 1985 Apr; 34(4):326-31

DEFICIENCY

Anomalous neutrophil granule distribution in a patient with lactoferrin deficiency: pertinence to the respiratory burst. Borregaard N, et al. **Am J Hematol** 1985 Mar;18(3):255-60

GENETICS

Homology of beta-lactoglobulin, serum retinol-binding protein, and protein HC. Pervaiz S, et al. **Science** 1985 Apr 19;228(4697):335-7

IMMUNOLOGY

Changed sensitivity to antigen in a gut epithelium treated with bile salts. Baird AW, et al. **Br J Pharmacol** 1985 Mar; 84(3):653-6

Lack of IgA subclass restriction in antibody response to phosphorylcholine, beta lactoglobulin and tetanus toxoid. Conley ME, et al. **Immunology** 1984 Nov;53(3):419-26

Studies on beta-lactoglobulin as an experimental allergen in rats. Huang Q, et al. **Int Arch Allergy Appl Immunol** 1985; 76(1):86-8

Isotypic analysis of antibody response to a food antigen in inflammatory bowel disease. Paganelli R, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):81-5

[Receptors for lactoferrin on human thymic lymphocytes. The stimulation of expression as affected by adenosine, theophylline and a supernatant of thymic lymphocytes] Gneditskaia EV, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):586-9 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Comparative studies on the chemical and immunochemical properties of human milk, human pancreatic juice and bovine milk lactoferrin. Wang CS, et al. **Comp Biochem Physiol [B]** 1984;78(3):575-80

Mare lactotransferrin: purification, analysis and N-terminal sequence determination. Jollès J, et al. **FEBS Lett** 1984 Oct 15;176(1):185-8

Isolation of lactoferrin and its concentration in sows' colostrum and milk during a 21-day lactation. Elliot JI, et al. **J Anim Sci** 1984 Oct;59(4):1080-4

[The isolation and characterization of human milk lactoferrin and the fluctuations of its concentration at different stages of lactation] Kawakata N. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):426-40 (Eng. Abstr.) **(Jpn)**

METABOLISM

The concentration of lactoferrin in tears during post-operative ocular inflammation. Jensen OL, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):341-5

Interaction of human lactoferrin with the rat liver. Debanne MT, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G463-9

Lactoferrin catabolism in the rat liver. Regoeczi E, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G8-14

Comparison of human lactoferrins from milk and neutrophilic leucocytes. Relative molecular mass, isoelectric point, iron-binding properties and uptake by the liver. Moguilevsky N, et al. **Biochem J** 1985 Jul 15;229(2):353-9

The interaction between human pancreatic carboxylester hydrolase (bile-salt-stimulated lipase of human milk) and lactoferrin. Erlanson-Albertsson C, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):282-7

Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Eur J Biochem** 1985 Jan 15;146(2):437-42

The effect of human serum transferrin and milk lactoferrin on hydroxyl radical formation from superoxide and hydrogen peroxide. Baldwin DA, et al. **J Biol Chem** 1984 Nov 10;259(21):13391-4

Effect of ACTH and oxytocin treatment on lactoferrin and citrate in cows' milk. Thomas AS, et al. **J Dairy Res** 1985 Aug;52(3):379-89

Compounds which mediate gallium-67 transfer from lactoferrin to ferritin. Weiner RE, et al. **J Nucl Med** 1985 Aug;26(8):908-16

Immunohistochemical investigation of lysozyme, lactoferrin, alpha 1-antitrypsin, alpha 1-antichymotrypsin and ferritin in parotid gland tumors. Sehested M, et al. **J Oral Pathol** 1985 Jul;14(6):459-65

Detection of lactoferrin and myeloperoxidase release from single neutrophils by a protein A plaque assay. Richter J, et al. **Scand J Immunol** 1984 Oct;20(4):349-53

[Lactoferrin in human lung tumors] Sergeeva NS, et al. **Eksp Onkol** 1985;7(2):64-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Abnormalities in myelopoietic regulatory interactions with acidic isoferritins and lactoferrin in mice infected with Friend virus complex: association with altered expression of Ia antigens on effector and responding cells. Lu L, et al. **Blood** 1985 Jan;65(1):91-9

Inhibition of C3 deposition on solid-phase bound immune complexes by lactoferrin. Kievits F, et al. **Immunology** 1985 Mar;54(3):449-56

Kinetic effect of human lactoferrin on the growth of Escherichia coli 0111. Stuart J, et al. **Int J Biochem** 1984; 16(10):1043-7

Effect of iron chelators on the transferrin receptor in K562 cells. Bridges KR, et al. **J Biol Chem** 1984 Nov 10; 259(21):12970-7

Lactoferrin effects on phagocytic cell function. I. Increased uptake and killing of an intracellular parasite by murine macrophages and human monocytes. Lima MF, et al. **J Immunol** 1985 Jun;134(6):4176-83

PHYSIOLOGY

The biological role of lactoferrin. Német K, et al. **Haematologia (Budap)** 1985;18(1):3-12 (45 ref.)

The biological significance of lactoferrin in haematology. Birgens HS. **Scand J Haematol** 1984 Sep;33(3):225-30 (44 ref.)

[Lactoferrin and the pancreas. Physiology and physiopathology] Hegnhøj J. **Ugeskr Laeger** 1984 Nov 26; 146(48):3736-8 (Eng. Abstr.) **(Dan)**

[Lactoferrin: advances and physiopathologic perspectives] Camacho Siles J, et al. **Rev Clin Esp** 1984 Nov 15-30; 175(3-4):119-22 (26 ref.) **(Spa)**

SECRETION

Neutrophil phagocytosis of treponema denticola as indicated by extracellular release of lactoferrin. Hurlen B, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):171-3

LACTONES

Stereoselective reactions. VIII. Stereochemical requirement for the benzylic oxidation of lignan lactone. A highly selective synthesis of the antitumor lignan lactone steganacin by the oxidation of stegane. Ishiguro T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):609-17

Effect on chemical analyses of beta-propiolactone treatment of whole blood and plasma [letter] Ball MJ, et al. **Lancet** 1985 May 18;1(8438):1160-1

[Sesquiterpene lactones of pharmacological importance: structural and functional properties. IV. First revision] Barbetti P, et al. **Ann Ist Super Sanita** 1983;19(2-3):427-48 (Eng. Abstr.) **(Ita)**

ADMINISTRATION & DOSAGE

Dose-titration studies of ivermectin against experimental Ancylostoma caninum and Uncinaria stenocephala infections. Egerton JR, et al. **Am J Vet Res** 1985 May; 46(5):1057-9

Comparative efficacy of injection routes and doses of ivermectin against Psoroptes in rabbits. Wright FC, et al. **Am J Vet Res** 1985 Mar;46(3):752-4

Efficacy of ivermectin against gastrointestinal nematodes in dromedary camels. Boyce W, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1307-8

Efficacy of ivermectin against gastrointestinal nematodes in cattle in South Africa. Swan GE, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):21-3

Mortality of Culicoides brevitarsis fed on cattle treated with ivermectin. Standfast HA, et al. **Prog Clin Biol Res** 1985; 178:611-6

ADVERSE EFFECTS

A survey of adverse effects associated with ivermectin use in Louisiana horses. Karns PA, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):782-3

Picrotoxin, the antidote to ivermectin in dogs? [letter] Sivine F, et al. **Vet Rec** 1985 Feb 16;116(7):195-6

ANALYSIS

Sesquiterpene lactones from Ixeris tamagawaensis KITAM. II. Asada H, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3036-42

Structures of the dienoic lactones of horse sebum. Frost ML, et al. **Comp Biochem Physiol [B]** 1984;78(3):549-52

Liquid chromatographic determination of tenuazonic acid and alternariol methyl ether in tomatoes and tomato products. Stack ME, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):640-2

Constituents of Erysimum inconspicuum. Two sulfur-containing lactone compounds. Piatak DM, et al. **J Nat Prod** 1985 May-Jun;48(3):424-8

Sesquiterpene lactones in the molluscidal extract of Eremanthus glomerulatus. Dias Barros DA, et al. **Planta Med** 1985 Feb;(1):38-9

[Optical rotatory dispersion and circular dichroism studies on nor sesquiterpene lactone degradation from qinghaosu (arteannuin)] Mi JF, et al. **Yao Hsueh Hsueh Pao** 1984 Mar; 19(3):184-9 (Eng. Abstr.) **(Chi)**

BLOOD

Normal phase liquid chromatographic determination of nanogram quantities of ivermectin in cattle blood or plasma. Schnitzerling HJ, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):36-40

CHEMICAL SYNTHESIS

Opioid agonists and antagonists. 6-Desoxy-6-substituted lactone, epoxide, and glycidate ester derivatives of naltrexone and oxymorphone. Koolpe GA, et al. **J Med Chem** 1985 Jul;28(7):949-57

Synthesis and cytotoxic activity of estrogen alpha-methylene-delta-lactones. Chagonda LS, et al. **Steroids** 1984 Mar;43(3):283-92

ISOLATION & PURIFICATION

Discovery, production and purification of the Na+, K+ activated ATPase inhibitor, L-681,110 from the fermentation broth of Streptomyces sp. MA-5038. Huang L, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):970-5

Two thiolactones from Streptomyces Tü 2476. Jizba JV, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):111-2

11 beta, 12 beta-Epoxypukalide, a furanocembranolide from the gorgonian Leptogorgia setacea. Ksebati MB, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1009-12

METABOLISM

Measurement of the time between biosynthesis and surface excretion of sebaceous lipids in the horse. Colton SW 6th, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):98-103

Rate, mechanism, and immunochemical studies of lactonisation in serogroup B and C polysaccharides of Neisseria meningitidis. Lifely MR, et al. **Carbohydr Res** 1984 Dec 1;134(2):229-43

The metabolism of avermectin-H2B1a and -H2B1b by pig liver microsomes. Chiu SH, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):464-9

Pharmacokinetics of ivermectin in sheep following intravenous, intra-abomasal or intraruminal administration. Prichard RK, et al. **J Vet Pharmacol Ther** 1985 Mar; 8(1):88-94

[35S]tert.-butylbicyclophosphorothionate and avermectin bind to different sites associated with the gamma-aminobutyric acid-benzodiazepine receptor complex. Drexler G, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):273-7

PHARMACODYNAMICS

Effect of ivermectin on performance of beef cattle on Georgia pastures. Ciordia H, et al. **Am J Vet Res** 1984 Nov;45(11):2455-7

Inhibition of Escherichia coli H+-ATPase by venturicidin, oligomycin and ossamycin. Perlin DS, et al. **Biochim Biophys Acta** 1985 May 31;807(3):238-44

Actions of dihydroavermectin B1a on insect muscle. Duce IR, et al. **Br J Pharmacol** 1985 Jun;85(2):395-401

Evaluation of ivermectin against later fourth-stage Strongylus vulgaris in ponies at two and five weeks after treatment. Slocombe JO, et al. **Can J Comp Med** 1984 Oct; 48(4):343-8

Quantitative assays for evaluation of HTLV-III inactivation procedures: tri(N-butyl)phosphate:sodium cholate and beta-propiolactone. Prince AM, et al. **Cancer Res** 1985 Sep; 45(9 Suppl):4592s-4594s

Toxicity of avermectin B1 to larval yellowjackets, Vespula maculifrons (Hymenoptera: Vespidae). Parrish MD, et al. **J Econ Entomol** 1984 Jun;77(3):769-72

3-Hydroxy-3-methylglutaryl-coenzyme A reductase inhibitors. 1. Structural modification of 5-substituted 3,5-dihydroxypentanoic acids and their lactone derivatives. Stokker GE, et al. **J Med Chem** 1985 Mar;28(3):347-58

Inactivation of the Hutchinson strain of non-A, non-B hepatitis virus by combined use of beta-propiolactone and ultraviolet irradiation. Prince AM, et al. **J Med Virol** 1985 Jun;16(2):119-25

Avermectin B1a modulation of gamma-aminobutyric acid/benzodiazepine receptor binding in mammalian brain. Olsen RW, et al. **J Neurochem** 1985 Apr;44(4):1074-82

Inactivation of retroviruses by beta-propiolactone [letter] **Lancet** 1985 Jan 5;1(8419):56

The effects of avermectin and drugs related to acetylcholine and 4-aminobutyric acid on neurotransmission in Ascaris suum. Kass IS, et al. **Mol Biochem Parasitol** 1984 Oct; 13(2):213-25

Nimbolide, a constituent of Azadirachta indica, inhibits Plasmodium falciparum in culture. Rochanakij S, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):66-72

Persistent anthelmintic activity of ivermectin in cattle. Armour J, et al. **Vet Rec** 1985 Feb 9;116(6):151-3

Efficacy of ivermectin against somatic Strongyloides ransomi larvae. Barth D, et al. **Vet Rec** 1985 Apr 6;116(14):366-7

THERAPEUTIC USE

Efficacy of ivermectin against the mange mite Sarcoptes scabiei var suis in pigs. Alva-Valdes R, et al. **Am J Vet Res** 1984 Oct;45(10):2113-4

Efficacy and safety of clorsulon used concurrently with ivermectin for control of Fasciola hepatica in Florida beef cattle. Courtney CH, et al. **Am J Vet Res** 1985 Jun; 46(6):1245-6

Controlled tests of activity of ivermectin against natural infections of migratory large strongyles and other internal parasites of equids. Drudge JH, et al. **Am J Vet Res** 1984 Nov;45(11):2267-71

Effect of ivermectin in heifers on mortality and egg production of Psoroptes ovis. Wright FC, et al. **Am J Vet Res** 1984 Oct;45(10):2132-4

The chemotherapy of onchocerciasis X. An assessment of four single dose treatment regimes of MK-933 (ivermectin) in human onchocerciasis. Awadzi K, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):63-78

Effect of ivermectin on equine blood constituents. Herd RP, et al. **Equine Vet J** 1985 Mar;17(2):142-4

Ivermectin treatment of notoedric mange in two fox squirrels. Evans RH. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1437-8

Ivermectin for treatment of nasal capillariasis in a dog. Evinger JV, et al. **J Am Vet Med Assoc** 1985 Jan 15; 186(2):174-5

Efficacy of ivermectin against ectoparasites of cattle in South Africa. Schröder J, et al. **J S Afr Vet Assoc** 1985 Mar; 56(1):31-5

Efficacy of ivermectin against internal parasites of sheep. Swan GE, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):165-9

Treatment of pulmonary acariasis in rhesus macaques with ivermectin. Joseph BE, et al. **Lab Anim Sci** 1984 Aug; 34(4):360-4

Ivermectin in onchocerciasis [editorial] **Lancet** 1984 Nov 3; 2(8410):1021

Ivermectin in onchocerciasis [letter] Awadzi K, et al. **Lancet** 1984 Oct 20;2(8408):921

Double-blind study of ivermectin and diethylcarbamazine in African onchocerciasis patients with ocular involvement. Lariviere M, et al. **Lancet** 1985 Jul 27;2(8448):174-7

Ivermectin as an antiparasitic agent in cattle. Leaning WH. **Mod Vet Pract** 1984 Sep;65(9):669-72

Comparison of ivermectin and diethylcarbamazine in the treatment of onchocerciasis. Greene BM, et al. **N Engl J Med** 1985 Jul 18;313(3):133-8

Treatment with ivermectin of cattle naturally infested with Parafilaria bovicola in Burundi. Merker MK. **Trop Anim Health Prod** 1985 Feb;17(1):1-2

Potential problems associated with the controlled release of anthelmintics in grazing animals. Herd RP. **Vet Parasitol** 1984 Nov;16(3-4):325-33 (36 ref.)

Control of cyathostome infections in mares treated at parturition with ivermectin. Ludwig KG, et al. **Vet Parasitol** 1984 Sep;15(3-4):285-92

Ivermectin in fly strike [letter] Alexander JP. **Vet Rec** 1985 Jan 12;116(2):59

Efficacy of ivermectin against the sucking louse Solenopotes capillatus. Barth D, et al. **Vet Rec** 1985 Mar 9;116(10):267

Efficacy of ivermectin against Dictyocaulus arnfieldi in ponies. Britt DP, et al. **Vet Rec** 1985 Mar 30;116(13):343-5

Ivermectin in fly strike [letter] Fletcher J. **Vet Rec** 1984 Nov 3;115(18):475

Ivermectin as an ectoparasiticide in snakes. Lawrence K. **Vet Rec** 1984 Oct 27;115(17):441-2

Ivermectin treatment of ticks [letter] Spellman PG. **Vet Rec** 1985 Mar 23;116(12):331

Lesions in the liver and kidney of Dirofilaria immitis-infected dogs following treatment with ivermectin. Simpson CF, et al. **Z Parasitenkd** 1985;71(1):97-105

[Comparison of the efficacy of ivermectin in injectable form and as a paste in horses] Borgsteede FH. **Tijdschr Diergeneeskd** 1985 Mar 15;110(6):237-8 (Eng. Abstr.) **(Dut)**

[Treatment of ear mange in rabbits with ivermectin] Prosl H, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1; 98(2):45-7 (Eng. Abstr.) **(Ger)**

[1st successful results in the treatment of Notoedres cati with ivermectin] Bigler B, et al. **Schweiz Arch Tierheilkd** 1984 Jul;126(7):365-7 (Eng. Abstr.) **(Ger)**

TOXICITY

Induction of in vitro transformation by near-u.v. light and its interaction with beta-propiolactone. Baturay NZ, et al. **Carcinogenesis** 1985 Mar;6(3):465-8

LACTOPEROXIDASE see under **PEROXIDASES**

LACTOSE

Mastitis whey--a good medium for bacteria? Maisi P, et al. **Acta Vet Scand** 1984;25(2):297-308

Bacterial growth in whey from mastitic and nonmastitic quarters. Mattila T, et al. **Am J Vet Res** 1984 Dec; 45(12):2504-6

The opsonic activity of whey and sera from heifers experimentally infected with Streptococcus agalactiae. Mackie DP, et al. **Br Vet J** 1985 Jul-Aug;141(4):349-54

Biochemical and antibacterial properties of bovine mammary secretion during mammary involution and at parturition. Nonnecke BJ, et al. **J Dairy Sci** 1984 Dec;67(12):2863-72

Comparison of calcium- and phosphorus-supplemented soy isolate formula with whey-predominant premature formula in very low birth weight infants. Hall RT, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):571-6

Depressed bacterial growth in whey during endotoxin induced mastitis. Mattila T, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):85-92

[Comparative rheological study of different varieties of lactose. II. Flowability of these materials with a shear cell of the Jenike type] Cohard C, et al. **J Pharm Belg** 1984 Jul-Aug;39(4):209-16 (Eng. Abstr.) **(Fre)**

ADMINISTRATION & DOSAGE

Studies on tabletting properties of lactose, Part I. The effect of initial particle size on binding properties and dehydration characteristics of lactose. Vromans H, et al. **Acta Pharm Suec** 1985;22(3):163-72

Growth, digestion, and protein metabolism in neonatal pigs given diets containing whey as the predominant or only source of milk protein. Newport MJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):639-44

A possible explanation of the effects of dietary lactose concentration during recovery of protein depletion in growing rats. Felipoff AL, et al. **Med Hypotheses** 1985 Feb;16(2):165-70

Protein quality in feeding the normal infant: do whey-predominant formulas offer nutritional advantages? [letter] Räihä NC. **Pediatrics** 1985 Aug;76(2):329

ADVERSE EFFECTS

Allergenicity of whey protein: its modification by tryptic in vitro hydrolysis of the protein. Pahud JJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):408-13

ANALOGS & DERIVATIVES

Metabolism of sialic acids from exogenously administered sialyllactose and mucin in mouse and rat. Nöhle U, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec;365(12):1457-67

N-acetylneuramin lactose sulfate: a newly identified nutrient in milk. Sturman JA, et al. **Pediatr Res** 1985 Feb; 19(2):216-9

ANALYSIS

Physicochemical properties of crystalline lactose. II. Effect of crystallinity on mechanical and structural properties. Morita M, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct; 32(10):4076-83

Rubner's test for lactose in urine applied for lactose in stool [letter] Chaudhary SK, et al. **J Assoc Physicians India** 1985 Feb;33(2):184-5

High-performance liquid chromatographic analysis of the products of enzymatic lactose hydrolysis. Betschart HF, et al. **J Chromatogr** 1984 Sep 21;299(2):498-502

A longitudinal study of rhesus monkey (Macaca mulatta) milk composition: trace elements, minerals, protein, carbohydrate, and fat. Lönnerdal B, et al. **Pediatr Res** 1984 Sep;18(9):911-4

[Recent aspects of the chemistry of lactose and approaches to the synthesis of oligosaccharides and their analogs in human milk] Tejima S, et al. **Seikagaku** 1984 Jul; 56(7):467-78 (82 ref.) **(Jpn)**

DIAGNOSTIC USE

Sequestration and hydrolysis of electroinjected [14C]lactose as a means of investigating autophagosome-lysosome fusion in isolated rat hepatocytes. Gordon PB, et al. **Prog Clin Biol Res** 1985;180:475-7

IMMUNOLOGY

Purification of anti-lactose antibodies from antisera to Neisseria gonorrhoeae and Neisseria meningitidis. Brakstad OG, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Jun;93(3):143-4

Immunoglobulin G1 Fc in colostral whey. Nielsen K, et al. **Can J Comp Med** 1984 Oct;48(4):410-3

Restriction in IgM expression--V. Fine structure analysis in the anti-lactose system. Mandal C, et al. **Mol Immunol** 1984 Oct;21(10):895-900

METABOLISM

Alleviation of lactose malabsorption from sweet acidophilus milk [letter] McDonough FE, et al. **Am J Clin Nutr** 1985 Aug;42(2):345-6

Lactose malabsorption from yogurt, pasteurized yogurt, sweet acidophilus milk, and cultured milk in lactase-deficient individuals. Savaiano DA, et al. **Am J Clin Nutr** 1984 Dec;40(6):1219-23

Dietary manipulation of postprandial colonic lactose fermentation: II. Addition of exogenous, microbial beta-galactosidases at mealtime. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):209-21

Dietary manipulation of postprandial colonic lactose fermentation: I. Effect of solid foods in a meal. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):199-208

Effective in vivo hydrolysis of milk lactose by beta-galactosidases in the presence of solid foods. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):222-7

Relation between dietary-induced increase of intestinal lactase activity and lactose digestion and absorption in adult rats. Leichter J, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G729-35

Variations of lactose and oligosaccharides in milk from women of blood types secretor A or H, secretor Lewis, and secretor H/nonsecretor Lewis during the course of lactation. Viverge D, et al. **Ann Nutr Metab** 1985;29(1):1-11

Enzymatic hydrolysis of lactose in a hollow-fiber reactor. Jones CK, et al. **Ann NY Acad Sci** 1984;434:119-22

Escherichia coli variants for gas and indole production at elevated incubation temperatures. Bueschkens DH, et al. **Appl Environ Microbiol** 1984 Sep;48(3):601-5

Regulation of product formation during glucose or lactose limitation in nongrowing cells of Streptococcus lactis. Fordyce AM, et al. **Appl Environ Microbiol** 1984 Aug; 48(2):332-7

Molecular cloning of the lactose-metabolizing genes from Streptococcus lactis. Harlander SK, et al. **Appl Environ Microbiol** 1984 Aug;48(2):347-51

Intestinal lactase activity and calcium absorption in the aging female with osteoporosis. Pacifici R, et al. **Calcif Tissue Int** 1985 Jan;37(1):101-2

Barotolerant variant of Streptococcus faecalis with reduced sensitivity to glucose catabolite repression. Campbell J 3d, et al. **Can J Microbiol** 1985 Jul;31(7):644-50

Effects of adult rat brain extracts on cultures of mouse brain cells: consequence of the depletion in a carbohydrate-binding fraction. Joubert R, et al. **Cell Mol Biol** 1985;31(3):131-8

Evidence for the direct transfer of corticosteroid-binding globulin from plasma to whey in the guinea pig. Kato EA, et al. **Endocrinology** 1985 Oct;117(4):1404-8

How much malabsorbed sugar causes 'diarrhea?' [letter] Vasquez-Velasquez L, et al. **Gastroenterology** 1985 Mar; 88(3):856-7

A genetic study of lactose digestion in Pakistani families. Abbas H. **Indian J Med Sci** 1984 Jul;38(7):129-33

Lactose transport in Streptococcus mutans: isolation and characterization of factor IIIlac, a specific protein component of the phosphoenolpyruvate-lactose phosphotransferase system. Vadeboncoeur C, et al. **Infect Immun** 1984 Oct;46(1):213-9

Lactose metabolism in Erwinia chrysanthemi. Hugouvieux-Cotte-Pattat N, et al. **J Bacteriol** 1985 Apr; 162(1):248-55

Lactose metabolism in Streptococcus lactis: studies with a mutant lacking glucokinase and mannose-phosphotransferase activities. Thompson J, et al. **J Bacteriol** 1985 Apr;162(1):217-23

Detection of beta-glucuronidase in lactose-fermenting members of the family Enterobacteriaceae and its presence in bacterial urine cultures. Hansen W, et al. **J Clin Microbiol** 1984 Dec;20(6):1177-9

A change of threonine 266 to isoleucine in the lac permease of Escherichia coli diminishes the transport of lactose and increases the transport of maltose. Markgraf M, et al. **MGG** 1985;198(3):473-5

PHARMACODYNAMICS

Cyclic AMP-mediated jejunal secretion in lactose-fed malnourished rats. Lifshitz F, et al. **Am J Clin Nutr** 1985 Jun;41(6):1265-9

Effect of human milk on plaque pH in situ and enamel dissolution in vitro compared with bovine milk, lactose, and sucrose. Rugg-Gunn AJ, et al. **Caries Res** 1985; 19(4):327-34

Lactational response to a feed supplement containing fermentation products, cobalt, dextrose, and lactose. Schingoethe DJ, et al. **J Dairy Sci** 1984 Oct;67(10):2460-3

Effect of lactose on phosphate transport into rat intestinal brush border membrane vesicles. Debiec H, et al. **J Nutr** 1985 Sep;115(9):1168-72

Effect of lactose on intestinal phosphate transport. Debiec H, et al. **Prog Clin Biol Res** 1984;168:241-5

LACTOSE FACTORS see under **PLASMIDS**

LACTOSE INTOLERANCE

Faecal weight, constituents, colonic motility, and lactose tolerance in the irritable bowel syndrome. Eastwood MA, et al. **Digestion** 1984;30(1):7-12

Lactose intolerance; physiological, clinical and therapeutic considerations. Wagh MG, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):671-81

Primary adult hypolactasia. Abbas H. **JPMA** 1985 Feb; 35(2):55-7

COMPLICATIONS

beta-Galactosidase and neuraminidase deficiency associated with angiokeratoma corporis diffusum. Ishibashi A, et al. **Arch Dermatol** 1984 Oct;120(10):1344-6

Does milk intolerance affect seronegative arthritis in lactase-deficient women? Ratner D, et al. **Isr J Med Sci** 1985 Jun;21(6):532-4

Incidence and duration of lactose malabsorption in children hospitalized with acute enteritis: study in a well-nourished urban population. Davidson GP, et al. **J Pediatr** 1984 Oct; 105(4):587-90

A possible explanation of the effects of dietary lactose concentration during recovery of protein depletion in growing rats. Felipoff AL, et al. **Med Hypotheses** 1985 Feb;16(2):165-70

DIAGNOSIS

A simplified method of measuring breath hydrogen by end-expiratory sampling for diagnosis of lactose malabsorption. Pauwels S, et al. **Acta Clin Belg** 1985; 40(3):174-8

Hydrogen breath test in schoolchildren. Douwes AC, et al. **Arch Dis Child** 1985 Apr;60(4):333-7

Hydrogen breath test quantification and clinical correlation of lactose malabsorption in adult irritable bowel syndrome and ulcerative colitis. Sciarretta G, et al. **Dig Dis Sci** 1984 Dec;29(12):1098-104

Enteric infections, cow's milk intolerance and parenteral infections in 118 consecutive cases of acute diarrhoea in children. Capano G, et al. **Eur J Pediatr** 1984 Sep; 142(4):281-5

Lactose malabsorption in Israeli children. Bujanover Y, et al. **Isr J Med Sci** 1985 Jan;21(1):32-5

GM1-Gangliosidosis: a molecular abnormality of acid beta-galactosidase in fibroblasts. Furuya T, et al. **J Inherited Metab Dis** 1984;7(3):145-6

Lactose malabsorption is not a cause of diarrhea during phototherapy. Bujanover Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):196-8

Value of breath hydrogen analysis in management of diarrheal illness in childhood: comparison with duodenal biopsy. Davidson GP, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):381-7

Bacterial overgrowth [letter] Davidson GP, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):681-2

Atrophic gastritis [letter] Sataline L. **JAMA** 1985 Apr 19; 253(15):2192

Abdominal distention associated with lactose malabsorption in a premature infant. Berezin S, et al. **NY State J Med** 1985 May;85(5):227

Lactose intolerance and diarrhea: are they related? Angelides AG, et al. **Pediatr Ann** 1985 Jan;14(1):62-3, 66-7, 70-1 passim

[Criticism of oral galactose loading as a diagnostic screening method in diseases of the small intestine] B. Kovács J, et al. **Orv Hetil** 1985 Apr 14;126(15):897-901 (Eng. Abstr.) **(Hun)**

[Phase III clinico-pharmacological study of Galantase in adult lactose intolerance patients] Nagy L, et al. **Orv Hetil** 1984 Aug 19;125(34):2047-52 (Eng. Abstr.) **(Hun)**

[Effects of lactase administration in children with lactose malabsorption. Evaluation using the breath hydrogen test] Roggero P, et al. **Minerva Pediatr** 1984 Jun 30;36(12):653-7 (Eng. Abstr.) **(Ita)**

[Diagnostic value of the respiratory hydrogen test in hypolactasia] Ksiażyk J, et al. **Pediatr Pol** 1984 May;

59(5):359–65 (Eng. Abstr.) **(Pol)**

[D-xylose test in the diagnosis of intolerance to cow's milk] Tomecki R, et al. **Pol Arch Med Wewn** 1984 Nov; 72(5):267–71 (Eng. Abstr.) **(Pol)**

[Lactose intolerance as a clinical problem] Kryszewski A, et al. **Wiad Lek** 1984 Dec 15;37(24):1913–7 (Eng. Abstr.) **(Pol)**

[Symptoms of lactose intolerance in children] Varnacheva LN. **Pediatriia** 1984 Dec;(12):33–6 **(Rus)**

DIET THERAPY

Tolerance to glucose polymers in malnourished infants with diarrhea and disaccharide intolerance. Fagundes-Neto U, et al. **Am J Clin Nutr** 1985 Feb;41(2):228–34

ENZYMOLOGY

Clinical significance of enzymatic deficiencies in the gastrointestinal tract with particular reference to lactase deficiency. Rossi E, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):649–56 (28 ref.)

Complementation analysis of beta-galactosidase deficiency by means of histochemical method. Minami R, et al. **Tohoku J Exp Med** 1985 Jun;146(2):181–7

FAMILIAL & GENETIC

A genetic study of lactose digestion in Pakistani families. Abbas H. **Indian J Med Sci** 1984 Jul;38(7):129–33

The frequency of lactase phenotypes in Aymara children. Balanza E, et al. **J Med Genet** 1985 Apr;22(2):128–30

[Lactase activity of the brush-border of the enterocyte. Genetic and dietetic effects] Brasseur D, et al. **Acta Gastroenterol Belg** 1984 Mar–Apr;47(2):115–22 (Eng. Abstr.) **(Fre)**

METABOLISM

Lactose malabsorption from yogurt, pasteurized yogurt, sweet acidophilus milk, and cultured milk in lactase-deficient individuals. Savaiano DA, et al. **Am J Clin Nutr** 1984 Dec;40(6):1219–23

Dietary manipulation of postprandial colonic lactose fermentation: I. Effect of solid foods in a meal. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):199–208

Dietary manipulation of postprandial colonic lactose fermentation: II. Addition of exogenous, microbial beta-galactosidases at mealtime. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):209–21

Effective in vivo hydrolysis of milk lactose by beta-galactosidases in the presence of solid foods. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):222–7

'Malabsorption' of intact lactose [letter] Brasseur D, et al. **Lancet** 1985 Jan 12;1(8420):100–1

Carbohydrate malabsorption in children with severe protein energy malnutrition. Tolboom JJ, et al. **Trop Geogr Med** 1984 Dec;36(4):355–65

OCCURRENCE

Lactose malabsorption in Australian Aboriginal children. Brand JC, et al. **Am J Clin Nutr** 1985 Mar;41(3):620–2

Ethnic, familial, and environmental influences on lactose tolerance. Johnson RC, et al. **Hum Biol** 1984 May; 56(2):307–16

Incidence of acquired primary hypolactasia in three New Zealand racial groups. Abbott WG, et al. **NZ Med J** 1985 Apr 10;98(776):228–9

[Incidence of lactose intolerance discerned in population studies in Poland] Ksiażyk J, et al. **Wiad Lek** 1985 Feb 1;38(3):183–7 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Ultrastructural study on a severe infantile sialidosis (beta-galactosidase-alpha-neuraminidase deficiency). Yamano T, et al. **Neuropediatrics** 1985 May;16(2):109–12

PHYSIOPATHOLOGY

Lactose absorption and malabsorption in healthy Italian children: do the quantity of malabsorbed sugar and the small bowel transit time play roles in symptom production? Roggero P, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb; 4(1):82–6

RADIOGRAPHY

Roentgenographic observation of gas-fluid levels in the colon of children with abdominal pain and malabsorption of lactose. Barr RG, et al. **Can Med Assoc J** 1985 May 15; 132(10):1158–60

THERAPY

Enzyme replacement therapy for primary adult lactase deficiency. Effective reduction of lactose malabsorption and milk intolerance by direct addition of beta-galactosidase to milk at mealtime. Rosado JL, et al. **Gastroenterology** 1984 Nov;87(5):1072–82

Wheat extract and milk mixture as a milk substitute for children with milk intolerance. Suthutvoravut U, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):168–72

[Lactose intolerance treated successfully with the enzyme Kerulac] Getlik A, et al. **Cesk Pediatr** 1984 Feb;39(2):112–4 **(Slo)**

VETERINARY

Neurovisceral and skeletal GM1-gangliosidosis in dogs with beta-galactosidase deficiency. Alroy J, et al. **Science** 1985 Aug 2;229(4712):470–2

LACTOSE SYNTHETASE

METABOLISM

Association-dissociation modulation of enzyme activity: case of lactose synthase. Lambright DG, et al. **Biochemistry** 1985 Feb 12;24(4):910–4

Control of glycoprotein synthesis. Bovine milk UDPgalactose:N-acetylglucosamine beta-4-galactosyltransferase catalyzes the preferential transfer of galactose to the GlcNAc beta 1,2Man alpha 1,3- branch of both bisected and nonbisected complex biantennary asparagine-linked oligosaccharides. Narasimhan S, et al. **Biochemistry** 1985 Mar 26; 24(7):1694–700

Branch specificity of bovine colostrum and calf thymus UDP-Gal: N-acetylglucosaminide beta-1,4-galactosyltransferase. Blanken WM, et al. **J Biol Chem** 1984 Dec 25;259(24):15131–5

LACTOSYLCERAMIDES see under **GLYCOSPHINGOLIPIDS**

LACTOYL GLUTATHIONE LYASE see under **LYASES**

LACTULOSE see under **DISACCHARIDES**

LAETRILE see **AMYGDALIN**

LAFORA DISEASE see **EPILEPSY, MYOCLONUS**

LAGOMORPHA see under **MAMMALS**

LAGOTHRIX see **CEBIDAE**

LAKI-LORAND FACTOR see **FACTOR XIII**

LAMBDA PHAGE see **PHAGE LAMBDA**

LAMBLIA see **GIARDIA**

LAMBLIASIS see **GIARDIASIS**

LAMENESS, ANIMAL

DIAGNOSIS

Lameness in cattle--investigational and diagnostic check lists. Weaver AD. **Br Vet J** 1985 Jan–Feb;141(1):27–33

DRUG THERAPY

The use of blistering agents (vesicants) in horses. Cambridge H, et al. **Aust Vet J** 1985 Jan;62(1):23–4

ETIOLOGY

Intra-articular anaesthesia of the equine hock. Dyson S. **In Pract** 1985 May;7(3):92–6

Pelvic limb lameness due to malignant melanoma in a horse. Kirker-Head CA, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1215–7

Arterial thrombosis as the cause of lameness in a foal. Spier S. **J Am Vet Med Assoc** 1985 Jul 15;187(2):164–5

Osteosarcoma of the patella in a dog. Thacher C, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):165–7

Fracture of the greater tubercle of the humerus in a filly. Yovich JV, et al. **J Am Vet Med Assoc** 1985 Jul 1; 187(1):74–5

Hip instability in young adult, broiler fowls. Duff SR. **J Comp Pathol** 1985 Jul;95(3):373–82

Avulsion of muscles from the femoral trochanter in the fowl. Duff SR. **J Comp Pathol** 1985 Jul;95(3):383–92

Consequences of capital femoral dyschondroplasia in young adult and skeletally mature broilers. Duff SR. **Res Vet Sci** 1984 Nov;37(3):310–9

Lameness following mating [letter] Cheetham CJ. **Vet Rec** 1985 Jun 29;116(26):699

[Neurological disorders caused by equine herpesvirus type 1 and cauda equina neuritis in horses] Sloet van Oldruitenborgh-Oosterbaan MM, et al. **Tijdschr Diergeneeskd** 1984 Dec 15;109(24):1027–35 (47 ref.) (Eng. Abstr.) **(Dut)**

[Leg disorders in swine: clinical changes attributable to the type of flooring] van der Wal PG, et al. **Tijdschr Diergeneeskd** 1984 Dec 15;109(24):1038–43 (Eng. Abstr.) **(Dut)**

[Peroneal paralysis and necrosis of the distal foot in piglets: a sequela of a faulty injection technic] van Leengoed L, et al. **Tijdschr Diergeneeskd** 1984 Jul 15;109(14):587–8 (Eng. Abstr.) **(Dut)**

[Podotrochilitis. Etiology of lameness in cattle: preliminary report] Marolt J, et al. **Tierarztl Prax** 1984;12(1):5–11 **(Ger)**

[Initial results of thermographic studies in the diagnosis of lameness in horses using an infrared thermograph] Pick M. **Tierarztl Prax** 1984;12(2):229–38 **(Ger)**

[Trombiculid mite--Neotrombicula autumnalis (Shaw 1790)--in veterinary medicine. Nervous systems in dogs following massive infestation] Prosl H, et al. **Tierarztl Prax** 1985;13(1):57–64 (Eng. Abstr.) **(Ger)**

METABOLISM

Cartilage proteoglycans from normal and osteochondrotic porcine joints. Nakano T, et al. **Can J Comp Med** 1985 Apr;49(2):219–26

Relative amounts of chondroitin sulfate and hyaluronic acid in synovial fluid from normal and osteochondrotic swine joints. Nakano T, et al. **Can J Comp Med** 1984 Oct; 48(4):434–6

OCCURRENCE

Epidemiological study of wastage among racehorses 1982 and 1983. Rossdale PD, et al. **Vet Rec** 1985 Jan 19; 116(3):66–9

PATHOLOGY

Cartilage lesions associated with shaky-leg lameness in turkeys. Julian RJ, et al. **Avian Dis** 1985 Jan–Mar; 29(1):218–32

Fractures in turkeys associated with lymphoma. Randall CJ, et al. **Vet Rec** 1984 Dec 22–29;115(25–26):650–1

[Podotrochilitis. Etiology of lameness in cattle: preliminary report] Marolt J, et al. **Tierarztl Prax** 1984;12(1):5–11 **(Ger)**

SURGERY

Results of treatment of subchondral bone cysts in the medial condyle of the equine femur with an autogenous cancellous bone graft. Kold SE, et al. **Equine Vet J** 1984 Sep; 16(5):414–8

Clinicopathological studies on neurectomy in equids. Said AH, et al. **Equine Vet J** 1984 Sep;16(5):442–6

Arthrodesis of the pastern joint in the horse. Steenhaut M, et al. **Equine Vet J** 1985 Jan;17(1):35–40

Semitendinosus tenotomy for treatment of fibrotic myopathy in the horse. Bramlage LR, et al. **J Am Vet Med Assoc** 1985 Mar 15;186(6):565–7

LAMINA ELASTICA POSTERIOR see **DESCEMET'S MEMBRANE**

LAMINAGRAPHY, X-RAY see **TOMOGRAPHY, X-RAY**

LAMINAR AIR-FLOW AREAS see **ENVIRONMENT, CONTROLLED**

LAMINARIA see under **SEAWEED**

LAMINECTOMY

Lancinating pain in post-laminectomy chronic sciatica. Baruah JK. **Acta Neurochir (Wien)** 1985;76(3–4):129–30

Arteriovenous malformations of the spinal cord. Yaşargil MG, et al. **Adv Tech Stand Neurosurg** 1984;11:61–102

Myocardial ischemia due to obstruction of an aortocoronary bypass graft by intraoperative positioning. Weinlander CM, et al. **Anesth Analg** 1985 Sep;64(9):933–6

Sports following spinal surgery in the young athlete. Micheli LJ. **Clin Orthop** 1985 Sep;(198):152–7

Symptomatic root compression by a free fat transplant after hemilaminectomy. Case report. Cabezudo JM, et al. **J Neurosurg** 1985 Oct;63(4):633–5

The treatment of traumatic vertebrospinal lesions with Roy-Camille plaques and acrylic resin. Cristuib Grizzi L, et al. **J Neurosurg Sci** 1984 Jul–Dec;28(3–4):195–9

Surgical management of spinal cord lesions due to metastases. Solini A, et al. **J Neurosurg Sci** 1984 Jul–Dec; 28(3–4):201–12

MMIE malpractice claim review. Orthopedic surgery. MMIE Risk Management Committee. **Minn Med** 1985 Feb; 68(2):113–4

The effect of laminectomy on spinal cord blood flow, energy metabolism and ATPase activity. Anderson DK, et al. **Paraplegia** 1985 Feb;23(1):58

Degenerative spondylolisthesis. To fuse or not to fuse. Feffer HL, et al. **Spine** 1985 Apr;10(3):287–9

Paravertebral marcaine in postoperative lumbar laminectomy pain relief. Rechtine GR. **Spine** 1985 Jan–Feb;10(1):99

Towards painless orthopaedic surgery. Barron DW. **Ulster Med J** 1984;53(2):146–9

[Sinus rhythm of the heart in the postoperative period of neurosurgical patients] Kuterman EM, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):53–7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Charcot's arthropathy of the spine following spinal cord injury. A report of five cases. Sobel JW, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):771–6

Vascular catastrophe following the Dandy McKenzie operation for spasmodic torticollis. Adams CB. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):990–4

Severe postlaminectomy kyphosis treatment by total vertebrectomy (plus late recurrence of childhood spinal cord astrocytoma). Winter RB, et al. **Spine** 1984 Oct; 9(7):690–4

Postoperative lumbar arachnoidal diverticula. D'Andrea F, et al. **Surg Neurol** 1985 Mar;23(3):287-90

[Prevention of post-laminectomy adhesion: preliminary report of experimental observations] Zhou BW, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):11-2, 61 (Eng. Abstr.) **(Chi)**

HISTORY

The classic. The treatment of ruptured lumbar intervertebral discs by vertebral body fusion. I. Indications, operative technique, after care. By Ralph B. Cloward, 1953. **Clin Orthop** 1985 Mar;(193):5-15

METHODS

Intraoperative sonography during lumbar laminectomy: work in progress. Gooding GA, et al. **AJNR** 1984 Nov-Dec; 5(6):751-3

Operations for cervical spondylotic myelopathy. A comparison of the results of anterior and posterior procedures. Hukuda S, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):609-15

[Surgical approach and results in cervical myelopathies] Steimle R, et al. **Chirurgie** 1983;109(9):688-92 (Eng. Abstr.) **(Fre)**

[Lumbosciatica caused by spondylolisthesis. Results of the surgical treatment by facetolaminectomy and interbody arthrodesis by the posterior approach in a series of 66 cases] Perrin G, et al. **Neurochirurgie** 1984;30(6):387-93 (Eng. Abstr.) **(Fre)**

[Surgery of disk hernia of the lumbar vertebral canal] Recoules-Arche D. **Neurochirurgie** 1985;31(1):61-4 (Eng. Abstr.) **(Fre)**

[Surgical treatment of degenerative spondylolisthesis] Hlavaty A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):363-70 (Eng. Abstr.) **(Pol)**

[Bilateral fenestration at one or two levels in the treatment of median lumbar intervertebral hernias] Arashkevich G, et al. **Ortop Travmatol Protez** 1985 Mar;(3):25-8 (Eng. Abstr.) **(Rus)**

REHABILITATION

Factors related to length of stay of laminectomy patients. Sutcliffe SA, et al. **J Neurosurg Nurs** 1985 Jun;17(3):175-8

VETERINARY

Laminectomy for treatment of cauda equina syndrome in a cat. Hurov L. **J Am Vet Med Assoc** 1985 Mar 1; 186(5):504-5

LAMININ

Evidence for coiled-coil alpha-helical regions in the long arm of laminin. Paulsson M, et al. **EMBO J** 1985 Feb; 4(2):309-16

Identification of asparagine-linked oligosaccharides involved in tumor cell adhesion to laminin and type IV collagen. Dennis JW, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1416-23

ANALYSIS

Characterization of the perivascular reticulin network in a case of primary brain lymphoma. Immunohistochemical demonstration of collagen types I, III, IV, and V; laminin; and fibronectin. Kalimo H, et al. **Acta Neuropathol (Berl)** 1985;66(4):299-305

The pattern of distribution of laminin in neurogenic tumors, granular cell tumors, and nevi of the oral mucosa. Reibel J, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar;93(2):41-7

Laminin distribution in human decidua and immature placenta. An immunoelectron microscopic study (avidin-biotin-peroxidase complex method). Charpin C, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):822-6

Ultrastructural localization of type IV collagen and laminin in the seven-day-old mouse embryo. Herken R, et al. **Anat Embryol (Berl)** 1985;171(3):365-71

Desmoplastic trichoepithelioma: clinico-pathological features and immunohistochemical study of the basement membrane proteins, laminin and type IV collagen. Kallioinen M, et al. **Br J Dermatol** 1984 Nov;111(5):571-7

Immunohistochemical localization of epidermal basement membrane laminin and type IV collagen in bullous lesions of dermatitis herpetiformis. Karttunen T, et al. **Br J Dermatol** 1984 Oct;111(4):389-94

Laminin immunodetection in tumorous and nontumorous disorders of human thyroid. Charpin C, et al. **Bull Cancer (Paris)** 1985;72(1):6-15

Loss of production of myoepithelial cells and basement membrane proteins but retention of response to certain growth factors and hormones by a new malignant human breast cancer cell strain. Rudland PS, et al. **Cancer Res** 1985 Aug;45(8):3864-77

Amniotic fluid laminin and type IV collagen in normal and pathological pregnancies. Risteli L, et al. **Clin Chim Acta** 1985 Apr 30;147(3):283-90

SEM localization of laminin on the basement membrane of the chick corneal epithelium with immunolatex microspheres. Meier S, et al. **Dev Biol** 1984 Nov;106(1):83-8

Localisation of laminin and fibronectin during rat lens morphogenesis. Parmigiani C, et al. **Differentiation** 1984; 28(1):53-61

Location and possible function of fibronectin and laminin in clones of chick retinal pigmented epithelial cells. Crawford BJ, et al. **In Vitro Cell Dev Biol** 1985 Feb; 21(2):79-87

Mesoblastic nephroma contains fibronectin but lacks laminin. Kumar S, et al. **J Clin Pathol** 1985 May;38(5):507-11

Localization of laminin, type IV collagen, fibronectin, and heparan sulfate proteoglycan in chick retinal pigment epithelium basement membrane during embryonic development. Turksen K, et al. **J Histochem Cytochem** 1985 Jul;33(7):665-71

Basement membrane laminin and type IV collagen in various benign and malignant adnexal tumors of the skin: an immunohistochemical study. Kallioinen M, et al. **J Invest Dermatol** 1984 Oct;83(4):276-80

Localization of basement membrane components in mucous membrane pemphigoid. Meyer JR, et al. **J Invest Dermatol** 1985 Feb;84(2):105-7

Immunolocalization of laminin in neoplasms of the central and peripheral nervous systems. McComb RD, et al. **J Neuropathol Exp Neurol** 1985 May;44(3):242-53

Distribution of fibronectin and laminin in oral leukoplakia and carcinoma. Meyer JR, et al. **J Oral Pathol** 1985 Mar; 14(3):247-55

Immunohistochemical localization of macromolecules of the basement membrane and the peritumoral stroma in human laryngeal carcinomas. Cam Y, et al. **J Pathol** 1984 Sep; 144(1):35-44

Laminin is associated with the 'neurite outgrowth-promoting factors' found in conditioned media. Lander AD, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2183-7

[Laminin (a basement membrane-specific glycoprotein) in bladder carcinomas] Hashimoto H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):580-90 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Induction of rat yolk sac carcinomas with consistent pattern of laminin, entactin, and type IV collagen biosynthesis. Wewer U. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul;92(4):275-83

Modulation of type-IV procollagen and laminin production in A431 human squamous epidermoid carcinoma cells by 12-O-tetradecanoylphorbol-13-acetate (TPA) and epidermal growth factor (EGF). Panneerselvam M, et al. **Arch Dermatol Res** 1985;277(5):377-83

Extracellular matrix (ECM) synthesis in muscle cell cultures: quantitative and qualitative studies during myogenesis. Rao JS, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):440-6

Post-translational assembly and glycosylation of laminin subunits in parietal endoderm-like F9 cells. Morita A, et al. **Biochem J** 1985 Jul 1;229(1):259-64

Biosynthesis of laminin and fibronectin by rat satellite cells during myogenesis in vitro. Hantaï D, et al. **Cell Biol Int Rep** 1985 Jul;9(7):647-54

[Cell-anchoring proteins, fibronectin and laminin] Vaheri A. **Duodecim** 1985;101(3):238-46 **(Fin)**

GENETICS

Sequencing of laminin B chain cDNAs reveals C-terminal regions of coiled-coil alpha-helix. Barlow DP, et al. **EMBO J** 1984 Oct;3(10):2355-62

Linkage of genes for laminin B1 and B2 subunits on chromosome 1 in mouse. Elliott RW, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):477-84

IMMUNOLOGY

Cellular immunity to collagen and laminin in scleroderma. Huffstutter JE, et al. **Arthritis Rheum** 1985 Jul;28(7):775-80

Immunolocalization of collagen types, laminin and fibronectin in the normal human pancreas. Uscanga L, et al. **Digestion** 1984;30(3):158-64

Type IV collagen and laminin-related antigens in human serum in alcoholic liver disease. Niemelä O, et al. **Eur J Clin Invest** 1985 Jun;15(3):132-7

Binding of antibodies in liposomes to extracellular matrix antigens. Torchilin VP, et al. **J Cell Biochem** 1985; 28(1):23-9

Identification of bullous pemphigoid, pemphigus, laminin, and anchoring fibril antigens in human fetal skin. Lane AT, et al. **J Invest Dermatol** 1985 Jan;84(1):27-30

ISOLATION & PURIFICATION

Purification of a factor that promotes neurite outgrowth: isolation of laminin and associated molecules. Lander AD, et al. **J Cell Biol** 1985 Sep;101(3):898-913

[A basement membrane antigen isolated from renal cell carcinoma, and its localization in the tissue] Sakashita S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr; 75(4):594-9 (Eng. Abstr.) **(Jpn)**

METABOLISM

Immunohistochemical localisation of macromolecules of the basement membrane and extracellular matrix of human gliomas and meningiomas. Bellon G, et al. **Acta Neuropathol (Berl)** 1985;66(3):245-52

The distribution of laminin in human brain tumors: an immunohistochemical study. Giordana MT, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):51-7

Studies on the deposition of laminin and type IV collagen in human oral mucosa transplanted to nude mice. Holmstrup P. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jan;93(1):1-8

Extracellular matrix proteins (fibronectin, laminin, and type IV collagen) bind and aggregate bacteria. Vercellotti GM, et al. **Am J Pathol** 1985 Jul;120(1):13-21

Basement membrane components in cutaneous neurofibroma of von Recklinghausen's disease. Weber L, et al. **Arch Dermatol Res** 1984;276(5):335-7

The localization of laminin and fibronectin on the Schwann cell basal lamina. Tohyama K, et al. **Arch Histol Jpn** 1984 Nov;47(5):519-32

Binding domain for laminin on type IV collagen. Rao CN, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):45-52

Characterization of a laminin receptor from human breast carcinoma tissue. Barsky SH, et al. **Breast Cancer Res Treat** 1984;4(3):181-8

Reichert's membrane as a model for studying the biosynthesis and assembly of basement membrane components. Hogan BL, et al. **Ciba Found Symp** 1984;108:60-74

Laminin, proteoglycan, nidogen and collagen IV: structural models and molecular interactions. Timpl R, et al. **Ciba Found Symp** 1984;108:25-43 (27 ref.)

Changes in the distribution of laminin, fibronectin, type IV collagen and heparan sulfate proteoglycan during colony formation by chick retinal pigment epithelial cells in vitro. Turksen K, et al. **Coll Relat Res** 1984 Dec;4(6):413-26

Fibronectin, laminin, type I, III and IV collagens in Duchenne's muscular dystrophy, congenital muscular dystrophies and congenital myopathies: an immunocytochemical study. Hantaï D, et al. **Connect Tissue Res** 1985;13(4):273-81

Distribution of laminin and collagen type-IV in benign and malignant lesions of melanocytic origin. Natali PG, et al. **Int J Cancer** 1985 Apr 15;35(4):461-7

Laminin polymerization in vitro. Evidence for a two-step assembly with domain specificity. Yurchenco PD, et al. **J Biol Chem** 1985 Jun 25;260(12):7636-44

Distribution of fibronectin and laminin in human liver tumors. Szendröi M, et al. **J Cancer Res Clin Oncol** 1985;109(1):60-4

Origin of the glomerular basement membrane visualized after in vivo labeling of laminin in newborn rat kidneys. Abrahamson DR. **J Cell Biol** 1985 Jun;100(6):1988-2000

Binding of laminin to type IV collagen: a morphological study. Charonis AS, et al. **J Cell Biol** 1985 Jun; 100(6):1848-53

Distribution of fibronectin and laminin in normal and pathological lymphoid tissue. Reilly JT, et al. **J Clin Pathol** 1985 Aug;38(8):849-54

Interaction of DNA with connective tissue matrix proteins reveals preferential binding to type V collagen. Gay S, et al. **J Immunol** 1985 Aug;135(2):1097-100

Expression of a laminin-like substance on the surface of murine natural killer (NK) lymphocytes and its role in NK recognition of tumor target cells. Hiserodt JC, et al. **J Immunol** 1985 Aug;135(2):1484-7

Accumulation of laminin and type IV collagen in the kidney in congenital nephrosis. Autio-Harmainen H, et al. **Kidney Int** 1985 Apr;27(4):662-6

Distribution of laminin within rat and mouse renal, splenic, intestinal, and hepatic basement membranes identified after the intravenous injection of heterologous antilaminin IgG. Abrahamson DR, et al. **Lab Invest** 1985 Feb;52(2):169-81

The basement membrane proteins laminin and type IV collagen in isolated villi in pre-eclampsia. Risteli J, et al. **Placenta** 1984 Nov-Dec;5(6):541-50

The C1q subunit of the first component of complement binds to laminin: a mechanism for the deposition and retention of immune complexes in basement membrane. Bohnsack JF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3824-8

Laminin binds specifically to sulfated glycolipids. Roberts DD, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1306-10

Origin of laminin in the extracellular matrix of human tumor xenografts in nude mice. Damjanov I, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):45-52

Retrovirus RD114 p30 is bound by the extracellular matrix proteins, fibronectin and laminin. Salonen EM, et al. **Virus Res** 1984;1(5):427-31

PHARMACODYNAMICS

Parameters of neuritic growth from ciliary ganglion neurons in vitro: influence of laminin, schwannoma polyornithine-binding neurite promoting factor and ciliary neuronotrophic factor. Davis GE, et al. **Brain Res** 1985 Jan;349(1-2):75-84

Comparison of the effects of laminin and the polyornithine-binding neurite promoting factor from RN22 Schwannoma cells on neurite regeneration from cultured newborn and adult rat dorsal root ganglion neurons. Unsicker K, et al. **Brain Res** 1985 Jan;349(1-2):304-8

Increased rate of peripheral nerve regeneration using bioresorbable nerve guides and a laminin-containing gel. Madison R, et al. **Exp Neurol** 1985 Jun;88(3):767-72

Directional motility in strongly malignant murine tumor cells. Varani J, et al. **Int J Cancer** 1985 Apr 15;35(4):559-64

Stimulation of murine tumour cell motility by laminin. Situ R, et al. **J Cell Sci** 1984 Aug;70:167-76

Connective tissue proteins and phagocytic cell function. Laminin enhances complement and Fc-mediated phagocytosis by cultured human macrophages. Bohnsack JF, et al. **J Exp Med** 1985 May 1;161(5):912-23

Laminin selectively enhances monocyte-macrophage-mediated tumoricidal activity. Perri RT, et al. **J Lab Clin Med** 1985 Jan;105(1):30-5

Guidance of neurite outgrowth by pathways of substratum-adsorbed laminin. Hammarback JA, et al. **J Neurosci Res** 1985;13(1-2):213-20

Characterization of laminin-stimulated adherence and motility in tumor cells. Fligiel SE, et al. **Oncology** 1985; 42(4):265-71

Modulation of the metastatic activity of melanoma cells by laminin and fibronectin. Terranova VP, et al. **Science** 1984 Nov 23;226(4677):982-5

PHYSIOLOGY

Attachment of Treponema pallidum to fibronectin, laminin, collagen IV, and collagen I, and blockage of attachment by immune rabbit IgG. Fitzgerald TJ, et al. **Br J Vener Dis** 1984 Dec;60(6):357-63

The role of cell adhesion proteins--laminin and fibronectin--in the movement of malignant and metastatic cells. McCarthy JB, et al. **Cancer Metastasis Rev** 1985; 4(2):125-52 (146 ref.)

Peptide fragments of laminin and fibronectin promote migration (haptotaxis and chemotaxis) of metastatic cells. Furcht LT, et al. **Ciba Found Symp** 1984;108:130-45

The laminin receptor and basement membrane dissolution: role in tumour metastasis. Liotta LA, et al. **Ciba Found Symp** 1984;108:146-62

Do neurons in the vertebrate CNS migrate on laminin? Liesi P. **EMBO J** 1985 May;4(5):1163-70

Neurite outgrowth of neuroblastoma cells induced by proteins covalently coupled to glass coverslips. Jousimaa J, et al. **Eur J Cell Biol** 1984 Sep;35(1):55-61

Biological activities of laminin. Kleinman HK, et al. **J Cell Biochem** 1985;27(4):317-25 (66 ref.)

Adhesion of platelets to laminin in the absence of activation. Ill CR, et al. **J Cell Biol** 1984 Dec;99(6):2140-5

Laminin and fibronectin in normal and malignant neuroectodermal cells. Liesi P. **Med Biol** 1984;62(3):163-80 (136 ref.)

Laminin for axonal guidance?[news] Sanes JR. **Nature** 1985 Jun 27-Jul 3;315(6022):714-5

LAMPREYS see under **CYCLOSTOMES**

LANATOSIDES

ADMINISTRATION & DOSAGE

[Effect of a single dose of lanatoside C on the left heart ventricle in patients with primary congestive cardiomyopathy] Dubiel JP, et al. **Kardiol Pol** 1984; 27(5):385-91 (Eng. Abstr.) **(Pol)**

ANALYSIS

[Determination of isolanid in cadaveric material] Vlasenko LM, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):51 **(Rus)**

LANDSCAPING, HOSPITAL see **MAINTENANCE AND ENGINEERING, HOSPITAL**

LANGAT VIRUS see under **FLAVIVIRUSES**

LANGERHANS CELLS

In situ quantification of T-lymphocyte subsets and Langerhans cells in the inflammatory infiltrate of atopic eczema. Zachary CB, et al. **Br J Dermatol** 1985 Feb; 112(2):149-56

Persistence of host Langerhans cells following allogeneic bone marrow transplantation: possible relationship with acute graft-versus-host disease. Perreault C, et al. **Br J Haematol** 1985 Jun;60(2):253-60

ANALYSIS

Langerhans cells and extra-epidermal dendritic cells. An investigation in laboratory animals and man with immunomorphological methods. Rowden G, et al. **Scand J Immunol** 1985 May;21(5):471-8

CYTOLOGY

Human Langerhans cells in epidermal cell culture, in vitro skin explants and skin grafts onto 'nude' mice. Czernielewski J, et al. **Arch Dermatol Res** 1984; 276(5):288-92

Presence of Langerhans cells in the central corneas of normal human infants. Chandler JW, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):113-6

Langerhans cell alterations in the guinea pig cornea. Kelley JG, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1293-6

Alpha tocopherol alters the distribution of Langerhans cells in DMBA-treated hamster cheek pouch epithelium. Schwartz J, et al. **J Dent Res** 1985 Feb;64(2).117-21

Murine epidermal Langerhans cells mature into potent immunostimulatory dendritic cells in vitro. Schuler G, et al. **J Exp Med** 1985 Mar 1;161(3):526-46

Flow cytometry sorting of unlabelled epidermal Langerhans cells using forward and orthogonal light scatter properties. Cordier G, et al. **J Immunol Methods** 1985 May 10; 79(1):79-88

Epidermal Langerhans cells--a cycling cell population. Czernielewski J, et al. **J Invest Dermatol** 1985 May; 84(5):424-6

Isolation and preliminary biochemical characterization of the human epidermal Langerhans cell. Gommans JM, et al. **J Invest Dermatol** 1985 Sep;85(3):191-3

A comparison of murine epidermal Langerhans cells with spleen dendritic cells. Schuler G, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):99s-106s

FACS purification of bone marrow-derived epidermal populations in mice: Langerhans cells and Thy-1+ dendritic cells. Sullivan S, et al. **J Invest Dermatol** 1985 Jun;84(6):491-5

Enrichment of murine and human Langerhans cells with solid phase immunoabsorption using pan-leukocyte monoclonal antibodies. Wood GS, et al. **J Invest Dermatol** 1985 Jan; 84(1):37-40

Langerhans cell surface densities in rat oral mucosa and human buccal mucosa. Ahlfors EE, et al. **J Oral Pathol** 1985 May;14(5):390-7

Loss of Langerhans cells from gingival tissue maintained in organ culture. Walsh LJ, et al. **J Oral Pathol** 1984 Dec; 13(6):604-13

Identification of Langerhans cells in human gingival epithelium. DiFranco CF, et al. **J Periodontol** 1985 Jan; 56(1):48-54

Isolation of epidermal Langerhans cells. Morhenn VB, et al. **Methods Enzymol** 1984;108:357-62

Langerhans cells in squamous exocervical carcinoma: a quantitative and ultrastructural study. Caorsi I, et al. **Ultrastruct Pathol** 1984;7(1):25-40

The Omenn's syndrome: histological, immunohistochemical and ultrastructural evidence for a partial T cell deficiency evolving in an abnormal proliferation of T lymphocytes and S-100 +/T-6 + Langerhans-like cells. Ruco LP, et al. **Virchows Arch** [A] 1985;407(1):69-82

[Langerhans cells--their structure, function and pathological role] Persina IS. **Arkh Patol** 1985;47(2):86-93 (53 ref.) (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Langerhans' cells in patients with psoriasis: effect of treatment with PUVA, PUVA bath, etretinate and anthralin. Czernielewski J, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):97-101

Carcinogen-induced depletion of cutaneous Langerhans cells. Muller HK, et al. **Br J Cancer** 1985 Jul;52(1):81-5

Effect of combined topical glucocorticoids and ultraviolet B irradiation on epidermal Langerhans cells. Belsito DV, et al. **J Invest Dermatol** 1984 Nov;83(5):347-51

Acute effect of DMBA application on Langerhans cells of the hamster buccal pouch mucosa. Hassan MM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):191-8

Effect of systemic retinoid plus PUVA (Re-PUVA) on enzyme histochemically detectable epidermal Langerhans cells. Koulu L. **Photodermatol** 1984 Feb;1(1):42-3

The influence of haematoporphyrin derivative and visible light on murine skin graft survival, epidermal Langerhans cells and stimulation of the allogeneic mixed leucocyte reaction. Gruner S, et al. **Scand J Immunol** 1985 Mar; 21(3):267-73

ENZYMOLOGY

Langerhans' cells and macrophages in eosinophilic granuloma. An enzyme-histochemical, enzyme-cytochemical, and ultrastructural study. Elema JD, et al. **Cancer** 1984 Nov 15;54(10):2174-81

IMMUNOLOGY

Langerhans' cell and vitiligo: quantitative study of T6 and HLA-DR antigen-expressing cells. Claudy AL, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):334-6

An immunohistochemical staining of epidermal Langerhans' cells in tinea cruris. Emtestam L, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):240-3

Role of Langerhans cells in the infection of the guinea-pig epidermis with foot-and-mouth disease virus. di Girolamo W, et al. **Arch Virol** 1985;83(3-4):331-6

The effect of short-term corticosteroid incubation on the alloactivating and antigen-presenting capacity of human epidermal Langerhans cells. Braathen LR, et al. **Br J Dermatol** 1984 Sep;111(3):295-302

Langerhans cell induced cytotoxic T-cell responses against normal human epidermal cell targets: in vitro studies. Faure M, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:114-7

Recent advances of ultrastructural immunocytochemistry of epidermal Langerhans cells. Schmitt D, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:2-9

The semi-quantitative distribution of T4 and T6 surface antigens on human Langerhans cells. Schmitt D, et al. **Br J Dermatol** 1984 Dec;111(6):655-61

Grafting with epidermal Langerhans cell depressed cadaver split skin. Alsbjörn BF, et al. **Burns Incl Therm Inj** 1985 Apr;11(4):259-63

Lymphocytes and Langerhans cells in patch tests. An immunohistochemical and electron microscopic study. Kanerva L, et al. **Contact Dermatitis** 1984 Sep;11(3):150-5

Characterization of cellular infiltrates in skin lesions of atopic eczema by means of monoclonal antibodies. Rocha C, et al. **Dermatologica** 1984;169(6):330-8

Syngeneic mixed lymphocyte reactions to murine Fc receptor-bearing, nonadherent low density lymph node cells and epidermal Langerhans cells. Bienenstock AN, et al. **Eur J Immunol** 1985 Apr;15(4):381-6

Cell membrane glycoproteins and Langerhans cells. Murphy GF. **Hum Pathol** 1985 Feb;16(2):103-12 (119 ref.)

Dendritic cells: historical perspective and role in oxidative mitogenesis. Bowers WE, et al. **Immunobiology** 1984 Dec; 168(3-5):274-84

The antigen-presenting function of human Langerhans cells. Braathen LR, et al. **Immunobiology** 1984 Dec; 168(3-5):301-12 (68 ref.)

Langerhans cells: antigen presenting cells of the epidermis. Streilein JW, et al. **Immunobiology** 1984 Dec; 168(3-5):285-300 (86 ref.)

The Langerhans cell, as a representative of the accessory cell system, in health and disease. Thorbecke GJ, et al. **Immunobiology** 1984 Dec;168(3-5):313-24 (61 ref.)

Langerhans cells present tick antigens to lymph node cells from tick-sensitized guinea-pigs. Nithiuthai S, et al. **Immunology** 1985 May;55(1):157-63

Lymphocytes and Langerhans cells in the normal human cornea. Vantrappen L, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):220-5

An assessment of Langerhans cell quantification in tissue sections. Horton JJ, et al. **J Am Acad Dermatol** 1984 Oct; 11(4 Pt 1):591-3

Interferon enhancement of HLA-DR antigen expression on epidermal Langerhans cells. Berman B, et al. **J Invest Dermatol** 1985 Jan;84(1):54-8

Enriched epidermal Langerhans cells are potent antigen-presenting cells for T cells. Bjercke S, et al. **J Invest Dermatol** 1984 Oct;83(4):286-9

Regulation by the skin of lymphoid cell recirculation and localization properties. Daynes RA, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):14s-20s (60 ref.)

Demonstration of T200 on human Langerhans cell surface membranes. Flotte TJ, et al. **J Invest Dermatol** 1984 May; 82(5):535-7

Induction of tolerance to urushiol by epicutaneous application of this hapten on dinitrofluorobenzene-treated skin. Hanau D, et al. **J Invest Dermatol** 1985 Jul;85(1):9-11

The role of Langerhans cells in antigen presentation. Katz SI, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):96s-98s

The mixed epidermal cell-lymphocyte reaction. II. Epidermal Langerhans cells are responsible for the enhanced allogeneic lymphocyte-stimulating capacity of normal human epidermal cell suspensions. Sontheimer RD. **J Invest Dermatol** 1985 Jul;85(1 Suppl):21s-26s

Intravenously injected, TNP-derivatized, Langerhans cell-enriched epidermal cells induce contact hypersensitivity in Syrian hamsters. Sullivan S, et al. **J Invest Dermatol** 1985 Apr;84(4):249-52

The role of epidermal cells in the induction of delayed-type hypersensitivity to alloantigens. Tamaki K, et al. **J Invest Dermatol** 1985 Jul;85(1):20-4

Assessment of Langerhans' cells in oral lichen planus using monoclonal antibodies. Sloberg K, et al. **J Oral Pathol** 1984 Oct;13(5):516-24

Normal numbers of T6 positive epidermal langerhans cells across the leprosy spectrum. Narayanan RB, et al. **Lepr Rev** 1984 Sep;55(3):301-8

A new approach to contact allergenicity screening. Bos JD. **Med Hypotheses** 1984 Oct;15(2):103-8

Detection by immunochemical techniques of cell surface markers on epidermal Langerhans cells. Bergstresser PR, et al. **Methods Enzymol** 1984;108:683-91

Simultaneous visualization of human epidermal immunocompetent cells and hyphae. Emtestam L, et al. **Mykosen** 1985 Jan;28(1):50-2

International Workshop on Dendritic and Langerhans Cells in Immunoregulation. **Scand J Immunol** 1985 May; 21(5):385-510

Enriched Langerhans cells express more HLA-DR determinants than blood-derived adherent cells (monocytes and dendritic cells). Bjercke S, et al. **Scand J Immunol** 1985 May;21(5):489-92

Human epidermal cell-induced generation of alloreactive cytotoxic T-lymphocyte responses against epidermal cells. Requirement for DR-positive Langerhans cells. Faure M, et al. **Scand J Immunol** 1985 May;21(5):441-6

Morphological characterization of the somatostatin-immunoreactive dendritic skin cells in urticaria pigmentosa patients by computerized image analysis. Johansson O. **Scand J Immunol** 1985 May; 21(5):431-9

Migrating Langerhans cells in human skin: mitogen and alloantigen presenting properties. Olszewski WL, et al. **Transplant Proc** 1984 Oct;16(5):1182-3

Influence of major-histocompatibility-complex-compatible and incompatible Langerhans cells on the survival of H-Y-incompatible skin grafts in rats. Chen HD, et al. **Transplantation** 1985 Aug;40(2):194-7

Ontogeny of human epidermal Langerhans cells. Pelletier M, et al. **Transplantation** 1984 Nov;38(5):544-6

[Langerhans' cell] Thivolet J. **Presse Med** 1985 Apr 20; 14(16):883-8 (28 ref.) (Eng. Abstr.) **(Fre)**

[Role of the Langerhans cells in contact allergy] Baer RL. **Z Hautkr** 1984 Sep 15;59(18):1205-8 **(Ger)**

METABOLISM

Rodent epidermal Langerhans cells demonstrate greater histochemical specificity for ADP than for ATP and AMP.

Chaker MB, et al. **J Invest Dermatol** 1984 May; 82(5):496-500

S-100 protein-positive Langerhans cells in various human lung cancers, especially in peripheral adenocarcinomas. Nakajima T, et al. **Virchows Arch** [A] 1985;407(2):177-89

PATHOLOGY

Langerhans cells in labial minor salivary glands in primary Sjögren's syndrome. Oxholm P, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Mar; 93(2):105-7

Langerhans' versus Langhans' cells [letter] Hajdu I. **Am J Clin Pathol** 1985 Sep;84(3):412

Histiocytosis X (Langerhans' cell granulomatosis) of the thymus. A clinicopathologic study of four childhood cases. Siegal GP, et al. **Am J Surg Pathol** 1985 Feb;9(2):117-24

Langerhans cells in various benign and malignant pigment-cell lesions of the skin. Facchetti F, et al. **Arch Dermatol Res** 1984;276(5):283-7

Langerhans-cell degeneration in X-linked dominant ichthyosis. A quantitative and ultrastructural study. Kolde G, et al. **Arch Dermatol Res** 1985;277(3):245-7

Intrabulbar and peribulbar accumulation of dendritic OKT 6-positive cells in alopecia areata. Wiesner-Menzel L, et al. **Arch Dermatol Res** 1984;276(5):333-4

Cervical healing and Langerhans' cells. MacLean AB. **Br J Obstet Gynaecol** 1984 Nov;91(11):1145-8

Langerhans' cells in squamous metaplasia of the human uterine cervix. Di Girolamo W, et al. **Gynecol Obstet Invest** 1985;19(1):38-41

The lymph node in mycosis fungoides: a light and electron microscopy and immunohistological study supporting the Langerhans' cell-retrovirus hypothesis. Slater DN, et al. **Histopathology** 1985 Jun;9(6):587-621

Langerhans cells in human papillomavirus (HPV) lesions of the uterine cervix identified by the monoclonal antibody OKT-6. Väyrynen M, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):375-83

Observations of Langerhans' cells in leprosy using monoclonal antibody OKT6. Liu JH, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):524-6

Persistence of Langhans' giant cells in rapidly downgrading leprosy lesions [letter] Lyons NF, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):114-5

Heterogeneity of dermal OKT6+ cells in inflammatory and neoplastic skin diseases. Berti E, et al. **J Am Acad Dermatol** 1985 Mar;12(3):507-14

Epidermal Langerhans cells in various skin diseases. (2). Langerhans cells in vitiligo. Kano Y, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):103-10

The pathological significance of Langerhans cells in oral cancer. Kurihara K, et al. **J Oral Pathol** 1985 Apr; 14(4):289-98

[Isolated cutaneous Langerhans histiocytosis. Clinical and immunohistologic improvement after local application of nitrogen mustard] Thivolet J, et al. **Ann Dermatol Venereol** 1984;111(8):765-6 **(Fre)**

[Persistence of Langerhans cells in lesions in contact allergic eczema in man] De Panfilis G, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):87-90 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Correlation between the inducible keratinocyte expression of Ia and the movement of Langerhans cells into the epidermis. Roberts LK, et al. **J Immunol** 1985 Jun; 134(6):3781-4

The Langerhans cell granule is an adsorptive endocytic organelle. Takigawa M, et al. **J Invest Dermatol** 1985 Jul; 85(1):12-5

Biology of human epidermal Langerhans cells: cell cycle studies. Czernielewski J, et al. **Scand J Immunol** 1985 May; 21(5):479-84

RADIATION EFFECTS

Effect of grenz rays on Langerhans' cells in human epidermis. Lindelöf B, et al. **Acta Derm Venereol (Stockh)** 1984; 64(5):436-8

Effects of ultraviolet radiation on human epidermal cell alloantigen presentation: initial depression of Langerhans cell-dependent function is followed by the appearance of T6- Dr+ cells that enhance epidermal alloantigen presentation. Cooper KD, et al. **J Immunol** 1985 Jan; 134(1):129-37

Effect of combined topical glucocorticoids and ultraviolet B irradiation on epidermal Langerhans cells. Belsito DV, et al. **J Invest Dermatol** 1984 Nov;83(5):347-51

ATPase and morphologic changes induced by UVB on Langerhans cells in guinea pigs. Hanau D, et al. **J Invest Dermatol** 1985 Aug;85(2):135-8

Alteration in murine epidermal Langerhans cell population by various UV irradiations: quantitative and morphologic studies on the effects of various wavelengths of monochromatic radiation on Ia-bearing cells. Obata M, et al. **J Invest Dermatol** 1985 Feb;84(2):139-45

Effect of ultraviolet B radiation on S-100 protein antigen in epidermal Langerhans cells. Schneider SA, et al. **J Invest Dermatol** 1985 Feb;84(2):146-8

Effect of ultraviolet radiation on guinea pig epidermal Langerhans cell cytomembrane: light and electron microscopic studies. Iacobelli D, et al. **Photodermatol** 1985 Jun;2(3):132-43

Dose response of Langerhans cells in mouse footpad epidermis after X irradiation. Cole S, et al. **Radiat Res** 1985 Aug;103(2):251-9

Langerhans cell number and morphology in mouse footpad epidermis after X irradiation. Cole S, et al. **Radiat Res** 1984 Dec;100(3):594-606

Effect of UVB on alloactivating and antigen-presenting capacity of human epidermal Langerhans cells. Austad J, et al. **Scand J Immunol** 1985 May;21(5):417-23

ULTRASTRUCTURE

Direct evidence for the cytomembrane derivation of Birbeck granules: the membrane-sandwich effect. Bartosik J, et al. **Acta Derm Venereol (Stockh)** 1985;65(2):157-60

Cell interactions in psoriasis. Heng MC, et al. **Arch Dermatol** 1985 Jul;121(7):881-7

Electron microscopic study on Langerhans cells and related cells in lymph nodes of DNCB-sensitive mice. Sonoda Y, et al. **Arch Dermatol Res** 1985;277(1):44-54

Application of graph theory to analysis of Langerhans cell types on the basis of their cell nuclei ultrastructure. Karaś Z, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):755-60

Ultrastructural study of epidermal Langherhans cells in leprosy. Mathur NK, et al. **Ind J Lepr** 1984 Oct-Dec; 56(4):840-3

Immunogold technique applied to simultaneous identification of T6 and HLA-DR antigens on Langerhans cells by electron microscopy. Dezutter-Dambuyant C, et al. **J Invest Dermatol** 1985 Jun;84(6):465-8

Derivation of Langerhans cell granules from cytomembrane. Takahashi S, et al. **J Invest Dermatol** 1985 Jun;84(6):469-71

Ultrastructural observation on Langerhans cells in the rat gingival epithelium. Takehana S, et al. **J Periodont Res** 1985 May;20(3):276-83

Some new ultrastructural aspects on human epidermis and its Langerhans cells. Falck B, et al. **Scand J Immunol** 1985 May;21(5):409-16

[Granules in Langerhans' cells in Behcet's disease] Kohn S, et al. **Harefuah** 1984 Jun 15;106(12):554-6 (Eng. Abstr.) **(Heb)**

[Langerhans cells in vernal conjunctivitis] Takeuchi T, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):702-8 (Eng. Abstr.) **(Jpn)**

LANGUAGE

The Stroop effect on Slovak-Hungarian bilinguists. Sebová E, et al. **Act Nerv Super (Praha)** 1985 Jun;27(2):99-102

Adolescent language: its use for diagnosis, group identity, values, and treatment. Shapiro T. **Adolesc Psychiatry** 1985; 12:297-311

In support of bilingual/bicultural education for deaf children. Barnum M. **Am Ann Deaf** 1984 Nov;129(5):404-8

Conceptual sign language as a bridge between English and Spanish. Christensen KM. **Am Ann Deaf** 1985 Jul; 130(3):244-9

And now a few words about sex. Dirckx JH. **Am J Dermatopathol** 1985 Feb;7(1):43-8

Shop talk. Dirckx JH. **Am J Dermatopathol** 1984 Oct; 6(5):445-9

A primer in the rheumatic diseases for east Tennessee. Sienknecht CW. **Am J Med** 1985 Feb;78(2):182-4

Initialitis. Janowski MJ. **Am J Nurs** 1984 Nov;84(11):1450

A simple language-based acculturation scale for Mexican Americans: validation and application to health care research. Deyo RA, et al. **Am J Public Health** 1985 Jan; 75(1):51-5

Surgery, an international discipline [editorial] Mercadier M. **Am J Surg** 1985 Aug;150(2):237-8

A structure and meaning based classification of lexical categories. Aaronson D, et al. **Ann NY Acad Sci** 1984; 433:21-57 (62 ref.)

Problems of linguistic insecurity in multicultural speech contexts. Bucci W, et al. **Ann NY Acad Sci** 1984; 433:185-200

The role of metaphor in our perception of language. Verbrugge RR. **Ann NY Acad Sci** 1984;433:167-83

Verbal pain descriptors used by patients with arthritis. Wagstaff S, et al. **Ann Rheum Dis** 1985 Apr;44(4):262-5

Communicating with surgeons, once you learn the language, is possible most of the time. Swenson P. **AORN J** 1984 Nov;40(5):784-5

Clinical management of communicatively handicapped minority language populations. **ASHA** 1985 Jun;27(6):29-32

1984 convention booklet. November 16-19, 1984, San Francisco. American Speech-Language-Hearing Association. Abstracts. **ASHA** 1984 Oct;26(10):57-189

Minority student enrollment in higher education institutions with communicative disorders programs. Cole L, et al. **ASHA** 1985 Jun;27(6):33-7

Minority deaf students: an overview. Wallace N, et al. **ASHA** 1985 Jun;27(6):28, 25

Lateralization effects in reading pointed and unpointed Hebrew. Koriat A. **Br J Psychol** 1985 May;76 (Pt 2):161-73

The multiple roles of Broca's discovery in the development of the modern neurosciences. Greenblatt SH. **Brain Cogn** 1984 Jul;3(3):249-58

Language lateralization in English-French bilinguals. Albanèse JF. **Brain Lang** 1985 Mar;24(2):284-96

Prosodic disturbance in aphasia: vowel length in Thai. Gandour J, et al. **Brain Lang** 1984 Nov;23(2):206-24

Voice onset time in aphasia: Thai. II. Production. Gandour J, et al. **Brain Lang** 1984 Nov;23(2):177-205

The dissolution of language in Pick's disease with neurofibrillary tangles: a case study. Holland AL, et al. **Brain Lang** 1985 Jan;24(1):36-58

Rapid recovery from aphasia: a detailed language analysis. Holland AL, et al. **Brain Lang** 1985 Jan;24(1):156-73

Ear asymmetries in dichotic listening tasks which increase in difficulty. Mohr E, et al. **Brain Lang** 1985 Mar; 24(2):233-45

Spontaneous translation and language mixing in a polyglot aphasic. Perecman E. **Brain Lang** 1984 Sep;23(1):43-63

Left-hemisphere language lateralization in bilinguals: use of the concurrent activities paradigm. Soares C. **Brain Lang** 1984 Sep;23(1):86-96

Semantic priming effects for stimuli presented to the right and left visual fields. Walker E, et al. **Brain Lang** 1985 May;25(1):144-59

Perceptual flexibility: maintenance or recovery of the ability to discriminate non-native speech sounds. Tees RC, et al. **Can J Psychol** 1984 Dec;38(4):579-90

Language and survival [letter] Kubacki A. **Can Med Assoc J** 1985 Sep 1;133(5):362-3

Dr. Lucid's word rounds: putting in a good word for some good words. Morgan PP. **Can Med Assoc J** 1985 Mar 1; 132(5):504-5

The developmental importance of motion information in perceiving and describing metaphoric similarity. Dent CH. **Child Dev** 1984 Aug;55(4):1607-13

Automatic processing of word meaning: intralingual and interlingual interference. Goodman GS, et al. **Child Dev** 1985 Feb;56(1):103-18

The relation of play and sensorimotor behavior to language in the second year. Ungerer JA, et al. **Child Dev** 1984 Aug; 55(4):1448-55

An analysis of conversations among handicapped students and a nonhandicapped peer. Nisbet J, et al. **Except Child** 1984 Oct;51(2):156-62

Language and aging. Emery OB. **Exp Aging Res** 1985 Spring; 11(1):3-60 (256 ref.)

Do interpreters affect consultations? Dodd W. **Fam Pract** 1984 Mar;1(1):42-7

On putative 'transpositions' in spelling. Luelsdorff PA. **Folia Phoniatr (Basel)** 1985;37(1):1-14

German norms for the Harvard Group Scale of Hypnotic Susceptibility, Form A. Bongartz W. **Int J Clin Exp Hypn** 1985 Apr;33(2):131-9

Longitudinal study of teacher language interacting with their mentally retarded students. Gremaud G, et al. **Int J Rehabil Res** 1984;7(2):203-5

The detection of French accent by American listeners. Flege JE. **J Acoust Soc Am** 1984 Sep;76(3):692-707

A reconsideration of acoustic invariance for place of articulation in diffuse stop consonants: evidence from a cross-language study. Lahiri A, et al. **J Acoust Soc Am** 1984 Aug;76(2):391-404

Use of controlling language in the rehabilitation of the elderly. Lanceley A. **J Adv Nurs** 1985 Mar;10(2):125-35

The stability of cognitive and linguistic parameters in autism: a five-year prospective study. Freeman BJ, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):459-64

Metaphors and isomorphisms: analogical reasoning in Beyond the Pleasure Principle. Paniagua C. **J Am Psychoanal Assoc** 1982;30(2):509-23

Mental ability, symbolic play and receptive and expressive language of young children with Down's syndrome. Cunningham CC, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):255-65

The measurement of schizophrenic conceptualization using a Spanish translation of the Whitaker Index of Schizophrenic Thinking. Acevedo Noriega N, et al. **J Clin Psychol** 1985 Mar;41(2):157-61

Reliability and validity of the Chinese Depression Adjective Check Lists. Chu CR, et al. **J Clin Psychol** 1984 Nov; 40(6):1409-13

Depression Adjective Check Lists: Spanish, Hebrew, Chinese and English versions. Lubin B, et al. **J Clin Psychol** 1985 Mar;41(2):213-7

Performance of bilingual subjects on Spanish and English versions of the Depression Adjective Check Lists. Lubin B, et al. **J Clin Psychol** 1985 Mar;41(2):218-9

Effects of phonological ambiguity on beginning readers of Serbo-Croatian. Feldman LB, et al. **J Exp Child Psychol** 1985 Jun;39(3):492-510

Nonsense syllables: comprehending the 'almost incomprehensible variation'. Jenkins JJ. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):455-60

Using metaphor in psychotherapy. Welch MJ. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):13-8

Response to 'Contemporary accounts of the cognition/language relationship' [letter] Siegel GM, et al. **J Speech Hear Disord** 1985 Aug;50(3):302-5

Distribution of stuttering in sentences: relationship to sentence length and clause position. Jayaram M. **J Speech Hear Res** 1984 Sep;27(3):338-41

Creative language abilities of deaf children. Marschark M, et al. **J Speech Hear Res** 1985 Mar;28(1):73-8

Accent on communication. Poma PA. **JAMA** 1985 Jan 25; 253(4):506

A hundred years of Lancet language. Bell C. **Lancet** 1984 Dec 22;2(8417-18):1453

Transatlantic medical English. Spiers AS. **Lancet** 1984 Dec

22;2(8417-18):1451-3

International societies and the King's English. Foldi M. **Lymphology** 1984 Sep;17(3):74-5

Countries of origin and languages of Australian medical students. Tiller JW, et al. **Med Educ** 1984 Nov;18(6):435-8

Communicating with patients. Do your patients understand you? Are you speaking the same language? [editorial] Chesher T. **Med J Aust** 1985 May 27;142(11):584-5

Language skills of general practitioners in Sydney. Driver B. **Med J Aust** 1985 May 27;142(11):599-601

Languages spoken by medical students. Tiller JW, et al. **Med J Aust** 1985 May 27;142(11):601-2

Cognitive neuropsychology: a fruit by any other name [news] Marshall JC. **Nature** 1985 Aug 1-7;316(6027):388

Understanding the patient: medical words the doctor may not know. Sugarman J, et al. **NC Med J** 1985 Jul; 46(7):415-7

Pure word deafness: CT localization of the pathology [letter] **Neurology** 1985 Mar;35(3):441-2

CT criteria of hemisphere asymmetry fail to predict language laterality [letter] Castro-Caldas A, et al. **Neurology** 1985 Jun;35(6):935-6

Task-dependent hemisphere asymmetries of the visual evoked potential. Goodin DS, et al. **Neurology** 1985 Mar; 35(3):378-84

Hemispheric specialization for language in the congenitally blind: the influence of the Braille system. Karavatos A, et al. **Neuropsychologia** 1984;22(4):521-5

Cross-cultural differences in hemisphericity: EEG asymmetry discriminates between Japanese and Westerners. Moss EM, et al. **Neuropsychologia** 1985;23(1):131-5

Differential cerebral speech lateralization in Crow Indian and Anglo children. Vocate DR. **Neuropsychologia** 1984; 22(4):487-94

How is linguistic memory accessed? A psychophysiological approach. McGuigan FJ. **Pavlov J Biol Sci** 1984 Jul-Sep; 19(3):119-36

Fasgrolia. Van Gelder DW. **Pediatrics** 1985 Feb;75(2):356-7

Relationship between expressive language ability and rhythm perception, pitch perception, vocal range, and vocal midpoint among mentally retarded adults. Hoskins C. **Percept Mot Skills** 1985 Apr;60(2):644-6

The capacity of animals to acquire language: do species differences have anything to say to us? Savage-Rumbaugh ES, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):177-85

Language, solace, and transitional relatedness. Horton PC, et al. **Psychoanal Study Child** 1984;39:167-94

Role of the dominant thalamus in language: a review. Crosson B. **Psychol Bull** 1984 Nov;96(3):491-517 (99 ref.)

The Chinese version of the General Health Questionnaire: does language make a difference? Chan DW. **Psychol Med** 1985 Feb;15(1):147-55

The implications of bilingualism in the study and treatment of psychiatric disorders: a review. de Zulueta FI. **Psychol Med** 1984 Aug;14(3):541-57

Note on the reliability of the MMPI with Spanish-speaking inmates in the federal prison system. Traub GS, et al. **Psychol Rep** 1985 Apr;56(2):373-4

Bilingual biscriptal deep dyslexia. Byng S, et al. **Q J Exp Psychol [A]** 1984 Aug;36(3):417-33

Facilitation of early speech development in a dysphatic child by use of signed Norwegian. von Tetzchner S. **Scand J Psychol** 1984;25(3):265-75

Psychosocial metaphors of physical distress among MS patients. Duval ML. **Soc Sci Med** 1984;19(6):635-8

Self-touching as an indicator of underlying affect and language processes. Harrigan JA. **Soc Sci Med** 1985; 20(11):1161-8

[Grammatical agreement performances and strategies in aphasics] Mihăilescu L. **Neurol Psychiatr (Bucur)** 1985 Apr-Jun;23(2):85-101 **(Fre)**

[Paradoxical forms of the mother-infant exchange] Rabain-Jamin J. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov;32(10-11):545-51 (Eng. Abstr.) **(Fre)**

[Education and bilingualism] Malé A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):341-7 (Eng. Abstr.) **(Fre)**

[Cerebral dominance and environmental factors: deafness and bilingualism...] **Rev Med Suisse Romande** 1984 Jul; 104(7):523-8 **(Fre)**

[Of words and things: language and the question of meaning] Ansermet F. **Rev Med Suisse Romande** 1985 May; 105(5):407-12 **(Fre)**

[The child psychiatrist faced with the description of language phenomena and their interpretation] Christe R, et al. **Rev Med Suisse Romande** 1985 May;105(5):427-8 **(Fre)**

[Asian psychology journals in German libraries] Petzold M. **Arch Psychol (Frankf)** 1985;137(1):51-64 (Eng. Abstr.) **(Ger)**

[Where language cannot reach] Keilson H. **Psyche (Stuttg)** 1984 Oct;38(10):915-26 (Eng. Abstr.) **(Ger)**

[Confusion in the orthography of Hungarian medical terminology (letter)] **Orv Hetil** 1985 Jul 21;126(29):1819 **(Hun)**

[Distortion of the orthography of Hungarian medical terminology. From esophagus to anus pre (praeternaturalis) (letter)] Réti GP. **Orv Hetil** 1985 Feb 3;126(5):303 **(Hun)**

[Problems of terminology at the beginning of the publication of Orvosi Hetilap] Szállási A. **Orv Hetil** 1985 Jun 16; 126(24):1487-8, 1491 **(Hun)**

[The effect of script frequency on semantic processing of Kanji and Kana words] Hirose T. **Shinrigaku Kenkyu** 1984 Aug;55(3):173-6 (Eng. Abstr.) **(Jpn)**

[Neuropsychological characteristics of support for bilingualism in light of functional brain asymmetry] Chernigovskaia TV, et al. **Fiziol Cheloveka** 1984 Jul-Aug; 10(4):525-30 **(Rus)**

[Electrographic correlations of speech activity in native and foreign languages] Kiroĭ VN, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):222-7 **(Rus)**

[The Latin teacher as a medical historian] Simon F. **Cas Lek Cesk** 1984 Oct 12;123(40-41):1250 **(Slo)**

[Sensitized vocal audiometry for Spanish speaking subjects] Sánchez Prieto C, et al. **An Otorrinolaringol Ibero Am** 1984; 11(5-6):405-18 (Eng. Abstr.) **(Spa)**

[Hellenic influence in medical language] Bové A, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):209-13 **(Spa)**

[The vicious habit of using barbarisms (editorial)] Llorens Terol J. **Med Clin (Barc)** 1985 Mar 2;84(8):315-6 **(Spa)**

PHYSIOLOGY

And all the daughters of musick shall be brought low. Language function in the elderly. Critchley M. **Arch Neurol** 1984 Nov;41(11):1135-9

LANGUAGE COMPREHENSION TESTS see **LANGUAGE TESTS**

LANGUAGE DEVELOPMENT

see related
LEARNING
PHONETICS
SPEECH

Language development: lateralization of semantics and the short-term-verbal-memory (STVM) of the right hemisphere. Rothenberger A, et al. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2-3):119-30

Maternal reports of vocabulary development in four-year-old deaf children. Howell RF. **Am Ann Deaf** 1984 Dec;129(6):459-65

An analysis of the language of young hearing-impaired children in terms of syntax, semantics, and use. Schirmer BR. **Am Ann Deaf** 1985 Mar;130(1):15-9

The role of repeated and echoed utterances in communication with a blind child. Kitzinger M. **Br J Disord Commun** 1984 Sep;19(2):135-46

Development of speech and language following bilateral frontal lesions. Vargha-Khadem F, et al. **Brain Lang** 1985 May;25(1):167-83

Developmental assessment: 18 months to 4 1/2 years. The Bus Puzzle Test. Egan DF, et al. **Child Care Health Dev** 1984 May-Jun;10(3):162-79

How two-year-old children interpret proper and common names for unfamiliar objects. Gelman SA, et al. **Child Dev** 1984 Aug;55(4):1535-40

Studying comprehension in infants with cleft lip and palate [letter] Lynch JI, et al. **Cleft Palate J** 1984 Jul;21(3):229-32

The verbotonal method for management of young, hearing-impaired children. Asp CW. **Ear Hear** 1985 Jan-Feb;6(1):39-42

Interaction analysis of mother and hearing-impaired child. Brewster LC. **Ear Hear** 1985 Jan-Feb;6(1):54-6

Speech and language results in children with a cochlear implant. Kirk KI, et al. **Ear Hear** 1985 May-Jun;6(3 Suppl):36S-47S

Acquiring language through total communication. Thompson MD, et al. **Ear Hear** 1985 Jan-Feb;6(1):29-32

Nursery rhymes and early language acquisition by mentally handicapped children. Glenn SM, et al. **Except Child** 1984 Sep;51(1):72-4

Social interaction as related to language acquisition: an annotated bibliography. Proctor A. **Folia Phoniatr (Basel)** 1985;37(2):87-104

Action theory, language, and the unconscious. Harris AE. **Hum Dev** 1984;27(3-4):196-210

Chronic pediatric tracheotomy: assessment and implications for habilitation of voice, speech and language in young children. Kaslon KW, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jul;9(2):165-71

Speech development in young institutionalized retarded children under an early intervention procedure. Zaleski T. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):265-71

Environmental noise and children: review of recent findings. De Joy DM. **J Aud Res** 1983 Jul;23(3):181-94

Realising you don't understand: a further study. Robinson EJ, et al. **J Child Psychol Psychiatry** 1984 Oct;25(4):621-7

Elementary school age children's comprehension of specific idiomatic expressions. Brinton B, et al. **J Commun Disord** 1985 Aug;18(4):245-57

The acquisition of a phonologic feature of Black English. Seymour HN, et al. **J Commun Disord** 1985 Apr; 18(2):139-48

The influence of reward on comprehension testing of 2-year-old children. Wilson ME, et al. **J Commun Disord** 1984 Aug;17(4):261-75

Mild conductive hearing loss and language development: a one year follow-up study. Schlieper A, et al. **J Dev Behav Pediatr** 1985 Apr;6(2):65-8

Form and function in early communication: language and pointing gestures. Dobrich W, et al. **J Exp Child Psychol** 1984 Dec;38(3):475-90

More and more and more about more. Gathercole VC. **J Exp Child Psychol** 1985 Aug;40(1):73-104

Children's perception of sibilants: the relation between articulation and perceptual development. Mann VA, et al. **J Exp Child Psychol** 1985 Apr;39(2):252-64

Onsets and rimes as units of spoken syllables: evidence from children. Treiman R. **J Exp Child Psychol** 1985 Feb; 39(1):161-81

The relationship of spatial concept development to the acquisition of locative understanding. Wanska S. **J Genet Psychol** 1984 Sep;145(1ST Half):11-21

Rule invention in the acquisition of morphology by a language-impaired child. Camarata S, et al. **J Speech Hear Disord** 1985 Feb;50(1):40-5

Pragmatic assessment: analysis of a highly frequent repeated utterance. Gallagher TM, et al. **J Speech Hear Disord** 1984 Nov;49(4):368-77

Effects of modeling and corrected practice on generative language learning of preschool children. Goldstein H. **J Speech Hear Disord** 1984 Nov;49(4):389-98

Early language abilities of high-risk infants. Hubatch LM, et al. **J Speech Hear Disord** 1985 May;50(2):195-207

Word, syllable, and sound awareness in language-disordered children. Kamhi AG, et al. **J Speech Hear Disord** 1985 May;50(2):207-12

Relationship between early pronunciation processes and later pronunciation skill. Klein HB. **J Speech Hear Disord** 1985 May;50(2):156-65

A preliminary investigation of reduplication in children with specific language impairment. Lahey M, et al. **J Speech Hear Disord** 1985 May;50(2):186-94

Nature and boundaries of phonologic categories: a case study of an unusual phonologic pattern in a language-impaired child. Leonard LB, et al. **J Speech Hear Disord** 1984 Nov; 49(4):419-28

Encoding of new versus old information by autistic children. McCaleb P, et al. **J Speech Hear Disord** 1985 Aug; 50(3):230-40

Correlates of language development in language-disordered children. Schery TK. **J Speech Hear Disord** 1985 Feb; 50(1):73-83

Facilitating word combination in language-impaired children through discourse structure. Schwartz RG, et al. **J Speech Hear Disord** 1985 Feb;50(1):31-9

Effects of older siblings on the language young children hear and produce. Wellen CJ. **J Speech Hear Disord** 1985 Feb; 50(1):84-99

Management of sentence production demands. Kamhi AG, et al. **J Speech Hear Res** 1984 Sep;27(3):329-38

Role of inversion in children's question development. Klee T. **J Speech Hear Res** 1985 Jun;28(2):225-32

Interactive basis of severely handicapped and normal children's acquisition of referential language. Koenig MA, et al. **J Speech Hear Res** 1984 Dec;27(4):534-42

Prespeech vocalizations of a deaf infant: a comparison with normal metaphonological development. Oller DK, et al. **J Speech Hear Res** 1985 Mar;28(1):47-63

Role of mothers' expansions in stimulating children's language production. Scherer NJ, et al. **J Speech Hear Res** 1984 Sep;27(3):387-96

Reflectivity bias in picture-pointing grammatical comprehension tasks. Shorr DN, et al. **J Speech Hear Res** 1984 Dec;27(4):549-56

Children's speech revisions for a familiar and an unfamiliar adult. Tomasello M, et al. **J Speech Hear Res** 1984 Sep; 27(3):359-63

Cognitive stage differences in types of speaker uncertainty markers. Green M. **Lang Speech** 1984 Oct-Dec;27 (Pt 4):323-31

Developmental aspects of the perception of acoustic cues in determining the voicing feature of final stop consonants. Wardrip-Fruin C, et al. **Lang Speech** 1984 Oct-Dec;27 (Pt 4):367-79

Gestural communication in deaf children: the effects and noneffects of parental input on early language development. Goldin-Meadow S, et al. **Monogr Soc Res Child Dev** 1984; 49(3-4):1-151

Language dominance: correlation of radiological and functional data. Strauss E, et al. **Neuropsychologia** 1985; 23(3):415-20

Language and linguistic development. Kusko CW. **Otolaryngol Clin North Am** 1985 May;18(2):315-22

Misreadings by beginning readers of Serbo-Croatian. Ognjenović V, et al. **Q J Exp Psychol [A]** 1983 Feb;35 (Pt 1):97-109

Facilitation of early speech development in a dysphatic child by use of signed Norwegian. von Tetzchner S. **Scand J Psychol** 1984;25(3):265-75

[Ways of analyzing an unperceived change in 3.0 to 6.6-year-old children] Le Rouzo M. **Annee Psychol** 1984; 84(1):57-75 (Eng. Abstr.) **(Fre)**

[Language used for the description of images in primary school children] Aimé-Janning A, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug; 32(7-8):367-79 (Eng. Abstr.) **(Fre)**

[Verbal creations in children from 4 to 6 years of age] Bardon N. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug; 32(7-8):331-9 (Eng. Abstr.) **(Fre)**

[Genesis of language in children] Ferrari P. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):493-6 (Eng. Abstr.) **(Fre)**

[Genesis of articulated statements] Fónagy I. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):517-27 (Eng. Abstr.) **(Fre)**

[Development of language behavior in young children] François F. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov;32(10-11):511-6 (Eng. Abstr.) **(Fre)**

[Genesis and psychopathology of language in children] Houzel D. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):477-91 (Eng. Abstr.) **(Fre)**

[Neurobiology of language in children. The problem of the genesis of hemispheric specialization] Jeannerod M. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):529-32 **(Fre)**

[Longitudinal study of language in children from 3 to 6 years of age] Dubois G, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):375-83 (Eng. Abstr.) **(Fre)**

[The act of speaking, from vocalization to verbalization] Pfauwadel MC. **Rev Laryngol Otol Rhinol (Bord)** 1983; 104(4):327-30 (Eng. Abstr.) **(Fre)**

[Toward an environmental-cognitive theory of the acquisition of language] Rondal JA. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):363-8 **(Fre)**

[Speech and intelligence performance in relation to social class and family status] Castell R, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun; 34(4):120-3 (Eng. Abstr.) **(Ger)**

[Evaluation of prosthesis use in a sample of deaf children] Tartari MC, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug; 4(4):489-500 (Eng. Abstr.) **(Ita)**

[Sensory support of tongue movements in the sound-forming process in infants in the lst year of life] Liubimova ZV. **Biull Eksp Biol Med** 1985 Jul;100(7):116-7 (Eng. Abstr.) **(Rus)**

LANGUAGE DEVELOPMENT DISORDERS see under **LANGUAGE DISORDERS**

LANGUAGE DISORDERS

On the subject of subjects: suggestions for describing subjects in language intervention studies. Wickstrom S, et al. **J Speech Hear Disord** 1985 Aug;50(3):282-6

CHEMICALLY INDUCED

Phenobarbital side effects: hyperactivity with speech delay [letter] Levenstein D, et al. **Pediatrics** 1984 Dec;74(6):1133

COMPLICATIONS

Language in dementia [letter] Kuttner RE. **Br J Psychiatry** 1985 Feb;146:211-2

Language disintegration in dementia: effects of etiology and severity. Hier DB, et al. **Brain Lang** 1985 May;25(1):117-33

Language disorders and behavioral problems in preschool children. Funk JB, et al. **J Dev Behav Pediatr** 1984 Dec; 5(6):357-60

Aprosodia and alexithymia--a case report. Fricchione G, et al. **Psychother Psychosom** 1985;43(3):156-60

DIAGNOSIS

Computed tomographic brain scanning in four neuropsychiatric disorders of childhood. Harcherik DF, et al. **Am J Psychiatry** 1985 Jun;142(6):731-4

Detecting abnormal auditory behaviours in infancy: the relationship between such behaviours and linguistic development. Ward S. **Br J Disord Commun** 1984 Dec; 19(3):237-51

The pediatrician's approach to the preschool child with language delay. Whitman RL, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):26-31

Normative data for the Spreen-Benton Sentence Repetition Test: its relationship to age, intelligence, and memory. Vargo ME, et al. **Cortex** 1984 Dec;20(4):585-90

Planning goals for intervention: language testing or language sampling? Blau AF, et al. **Except Child** 1984 Sep;51(1):78-9

A symptom approach to the intervention of childhood language disorders. Bliss LS. **J Commun Disord** 1985 Apr; 18(2):91-108

Differential language characteristics in adult aphasic and schizophrenic subjects. Halpern H, et al. **J Commun Disord** 1984 Oct;17(5):289-307

Specific syndromes and associated communication disorders: a review. Sanger DD, et al. **J Commun Disord** 1984 Nov; 17(6):385-405

Constructive comprehension abilities exhibited by language-disordered children. Ellis Weismer S. **J Speech Hear Res** 1985 Jun;28(2):175-84

Homonymy and the voiced-voiceless distinction in the speech of children with specific language impairment. Leonard LB, et al. **J Speech Hear Res** 1985 Jun; 28(2):215-24

Speech and language disturbances. Loverso FL. **Neurol Clin** 1984 Feb;2(1):37-50

A longitudinal study of a hyperlexic child: hyperlexia as a language disorder. Siegel LS. **Neuropsychologia** 1984; 22(5):577-85

Evaluation of the child with delayed speech or language. Coplan J. **Pediatr Ann** 1985 Mar;14(3):202-8

ECONOMICS

[Payments and interventions by the federal disability insurance in cases of language disorders in children of preschool age] Ziegler AL. **Rev Med Suisse Romande** 1985 May;105(5):421-5 **(Fre)**

ETIOLOGY

The possible effects of conductive hearing loss on language development. Manders E, et al. **Acta Otorhinolaryngol Belg** 1984;38(3):255-60 (19 ref.)

Effects of conductive hearing loss on speech, language, and learning development. Bennett FC, et al. **Clin Rev Allergy** 1984 Nov;2(4):377-85 (40 ref.)

Assessment and intervention issues with the nonspeaking child. Russel M. **Except Child** 1984 Sep;51(1):64-71

Language and aging. Emery OB. **Exp Aging Res** 1985 Spring; 11(1):3-60 (256 ref.)

Verbal memory deficits after left temporal lobectomy for epilepsy. Mechanism and intraoperative prediction. Ojemann GA, et al. **J Neurosurg** 1985 Jan;62(1):101-7

Acoustic reflex abnormalities in behaviorally disturbed and language delayed children. Thomas WG, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):811-7

[Aprosody. Comprehension and expression of the emotional characterization of the spoken language after injuries to the right (non-dominant) hemisphere] Jensen J, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2235-6 (Eng. Abstr.) **(Dan)**

[Hearing, listening, speaking] Daubech Q. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):319-25 (Eng. Abstr.) **(Fre)**

[Lesion, affect, function] Sourgen JL. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):347-50 (Eng. Abstr.) **(Fre)**

[Very low birth weight infants (birth weight less than or equal to 1500g): language disorders in children of school age] Calame A, et al. **Rev Med Suisse Romande** 1985 May; 105(5):389-95 **(Fre)**

[Left anterior choroidal artery syndrome with language disorders and constructional apraxia] Hommel M, et al. **Rev Neurol (Paris)** 1985;141(2):137-42 (Eng. Abstr.) **(Fre)**

[Various aspects of language disorders in schizophrenia] Wandzel L. **Psychiatr Pol** 1984 Nov-Dec;18(6):583-8 (25 ref.) **(Pol)**

FAMILIAL & GENETIC

Fragile X-chromosome among child psychiatric patients with disturbances of language and social relationships. A pilot study. Jørgensen OS, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):510-4

HISTORY

Historical note: Jules Séglas on language in dementia. Obler LK, et al. **Brain Lang** 1985 Mar;24(2):314-25

OCCURRENCE

Otitis media and language performance in a cohort of Apache Indian children. Fischler RS, et al. **Am J Dis Child** 1985 Apr;139(4):355-60

[Male disposition for communication disorders] Franke U. **Folia Phoniatr (Basel)** 1985;37(1):36-43 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Complex visual reaction time measurements under irregular and regular preparatory interval conditions in children with developmental language problems. Martinius J. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2-3):111-8

[Electrocortical study of acquired language disorders in children] Paty J, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):333-8 (Eng. Abstr.) **(Fre)**

[Cerebral dominance of left-handed subjects] **Rev Med Suisse Romande** 1984 Jul;104(7):509-14 **(Fre)**

[Establishment and evolution of cerebral dominance] Assal G, et al. **Rev Med Suisse Romande** 1985 May;105(5):397-402 **(Fre)**

PSYCHOLOGY

The twin situation and its effects on syntax and interactional language over time. Haden R, et al. **Br J Disord Commun** 1985 Apr;20(1):19-29

Developmental differences in the comprehension and production of narratives by reading-disabled and normally achieving children. Feagans L, et al. **Child Dev** 1984 Oct; 55(5):1727-36

Predictive value of speech and language screening. Stevenson J. **Dev Med Child Neurol** 1984 Aug;26(4):528-38 (70 ref.)

Interactions of language-delayed and normal preschool boys with their peers. Siegel LS, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):77-83

Behaviour problems and language abilities at three years and behavioural deviance at eight years. Stevenson J, et al. **J Child Psychol Psychiatry** 1985 Mar;26(2):215-30

Verbal and cognitive sequelae following unilateral lesions acquired in early childhood. Aram DM, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):55-78

Verb usage by educable mentally retarded children. Rom A. **J Ment Defic Res** 1985 Jun;29 (Pt 2):165-72

Speech perception development in language-impaired children: a 4-year follow-up study. Bernstein LE, et al. **J Speech Hear Disord** 1985 Feb;50(1):21-30

Rule invention in the acquisition of morphology by a language-impaired child. Camarata S, et al. **J Speech Hear Disord** 1985 Feb;50(1):40-5

Pragmatic assessment: analysis of a highly frequent repeated utterance. Gallagher TM, et al. **J Speech Hear Disord** 1984 Nov;49(4):368-77

Word, syllable, and sound awareness in language-disordered children. Kamhi AG, et al. **J Speech Hear Disord** 1985 May;50(2):207-12

A preliminary investigation of reduplication in children with specific language impairment. Lahey M, et al. **J Speech Hear Disord** 1985 May;50(2):186-94

Nature and boundaries of phonologic categories: a case study of an unusual phonologic pattern in a language-impaired child. Leonard LB, et al. **J Speech Hear Disord** 1984 Nov; 49(4):419-28

Correlates of language development in language-disordered children. Schery TK. **J Speech Hear Disord** 1985 Feb; 50(1):73-83

Lexical imitation and acquisition in language-impaired children. Schwartz RG, et al. **J Speech Hear Disord** 1985 May;50(2):141-9

Partner age as a variable in the conversational performance of specifically language-impaired and normal-language children. Fey ME, et al. **J Speech Hear Res** 1984 Sep; 27(3):413-23

Cohesion in the narratives of normal and language-disordered children. Liles BZ. **J Speech Hear Res** 1985 Mar;28(1):123-33

Anticipatory imagery ability in normal and language-disabled children. Savich PA. **J Speech Hear Res** 1984 Dec; 27(4):494-501

Symbolic play in normal and language-impaired children. Terrell BY, et al. **J Speech Hear Res** 1984 Sep;27(3):424-9

Visual and phonological factors in acquired dysgraphia. Hatfield FM. **Neuropsychologia** 1985;23(1):13-29

[Various aspects of language in autistic children during demutization] Haag G. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov;32(10-11):539-44 (Eng. Abstr.) **(Fre)**

[Genesis and psychopathology of language in children] Houzel D. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):477-91 (Eng. Abstr.) **(Fre)**

[The child psychiatrist faced with the description of language phenomena and their interpretation] Christe R, et al. **Rev Med Suisse Romande** 1985 May;105(5):427-8 **(Fre)**

REHABILITATION

Speech development in young institutionalized retarded children under an early intervention procedure. Zaleski T. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):265-71

THERAPY

Clinical management of communicatively handicapped minority language populations. **ASHA** 1985 Jun;27(6):29-32

Otitis media: the role of speech-language pathologists. Garrard KR, et al. **ASHA** 1985 Jul;27(7):35-9

Language intervention: a pragmatic approach. Conant S, et al. **J Autism Dev Disord** 1984 Sep;14(3):301-17

Outcomes of severe disorders of language acquisition. Paul R, et al. **J Autism Dev Disord** 1984 Dec;14(4):405-21

A symptom approach to the intervention of childhood language disorders. Bliss LS. **J Commun Disord** 1985 Apr; 18(2):91-108

Using the miniature linguistic system in teaching syntax: two case studies. Bunce BH, et al. **J Speech Hear Disord** 1985 Aug;50(3):247-53

Facilitating word combination in language-impaired children through discourse structure. Schwartz RG, et al. **J Speech Hear Disord** 1985 Feb;50(1):31-9

[Examination, diagnosis and treatment of functional language disorders] Regard Y, et al. **Rev Med Suisse Romande** 1985 May;105(5):429-31 **(Fre)**

LANGUAGE TESTS

Towards a taxonomy of aphasic errors. A pilot study. Moerman C, et al. **Acta Neurol Belg** 1985 Jan-Feb; 85(1):30-43

Language processing in men at risk for alcoholism: an event-related potential study. Schmidt AL, et al. **Alcohol** 1985 May-Jun;2(3):529-33

Research in infantile autism: a methodological problem in using language comprehension as the basis for selecting matched controls. Tsai LY, et al. **J Am Acad Child Psychiatry** 1984 Nov;23(6):700-3

A vocabulary test for chimpanzees (Pan troglodytes). Gardner RA, et al. **J Comp Psychol** 1984 Dec;98(4):381-404

Aging and retrieval of words in semantic memory. Bowles NL, et al. **J Gerontol** 1985 Jan;40(1):71-7

Use of the PPVT-R for intellectual screening with a preschool pediatric sample. Altepeter T. **J Pediatr Psychol** 1985 Jun;10(2):195-8

Lexical imitation and acquisition in language-impaired children. Schwartz RG, et al. **J Speech Hear Disord** 1985 May;50(2):141-9

Management of sentence production demands. Kamhi AG, et al. **J Speech Hear Res** 1984 Sep;27(3):329-38

Reflectivity bias in picture-pointing grammatical comprehension tasks. Shorr DN, et al. **J Speech Hear Res** 1984 Dec;27(4):549-56

[Update of a vocabulary list used in language evaluation] Beeker F, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug;32(7-8):341-51 (Eng. Abstr.) **(Fre)**

METHODS

Planning goals for intervention: language testing or language sampling? Blau AF, et al. **Except Child** 1984 Sep;51(1):78-9

The influence of reward on comprehension testing of 2-year-old children. Wilson ME, et al. **J Commun Disord** 1984 Aug;17(4):261-75

[Language used for the description of images in primary school children] Aimé-Janning A, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul-Aug; 32(7-8):367-79 (Eng. Abstr.) **(Fre)**

[Language testing in children from 18 months to 6 and a half years of age. Methods, reflections] Hénin N, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):369-73 (Eng. Abstr.) **(Fre)**

STANDARDS

Use and misuse of norm-referenced tests in clinical assessment: a hypothetical case. McCauley RJ, et al. **J Speech Hear Disord** 1984 Nov;49(4):338-48

LANGUAGE THERAPY

Speech--language rehabilitation for children in Switzerland. Schalch F. **Int Rehabil Med** 1984;6(3):117-21

METHODS

National survey of language methods used with hearing-impaired students in the United States. King CM. **Am Ann Deaf** 1984 Jun;129(3):311-6

The SESL model. Peins M, et al. **ASHA** 1984 Nov; 26(11):47-50

Effects of speech and language treatment on recovery from aphasia. Shewan CM, et al. **Brain Lang** 1984 Nov; 23(2):272-99

The role of the speech-language pathologist with hearing-impaired infants. Brackett D. **Ear Hear** 1985 Jan-Feb;6(1):36-8

The facilitative effects of incidental teaching on preposition use by autistic children. McGee GG, et al. **J Appl Behav Anal** 1985 Spring;18(1):17-31

Establishing generative yes/no responses in developmentally disabled children. Neef NA, et al. **J Appl Behav Anal** 1984 Winter;17(4):453-60

Language intervention: a pragmatic approach. Conant S, et al. **J Autism Dev Disord** 1984 Sep;14(3):301-17

Using the miniature linguistic system in teaching syntax: two case studies. Bunce BH, et al. **J Speech Hear Disord** 1985 Aug;50(3):247-53

Facilitating word combination in language-impaired children through discourse structure. Schwartz RG, et al. **J Speech Hear Disord** 1985 Feb;50(1):31-9

Hierarchy of stimuli and of semantic divergent techniques in rehabilitation of aphasics. Ogrezeanu V, et al. **Neurol Psychiatr (Bucur)** 1984 Oct-Dec;22(4):223-35

LANGUAGE TRAINING see **LANGUAGE THERAPY**

LANGURS see **CERCOPITHECIDAE**

LANOLIN

PHARMACODYNAMICS

[Effect of ointment bases on the absorption of hydrocortisone acetate from ointments] Umer S. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:233-7 (Eng. Abstr.) **(Pol)**

LANOSTEROL

Lanosterol and cholesterol have different effects on phospholipid acyl chain ordering. Yeagle PL. **Biochim Biophys Acta** 1985 Apr 26;815(1):33-6

Effect of sterol incorporation on head group separation in liposomes. Plank L, et al. **Chem Phys Lipids** 1985 Mar; 36(4):319-28

ANALOGS & DERIVATIVES

Oxygenated sterols as inhibitors of enzymatic conversion of dihydrolanosterol into cholesterol. Sato Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3305-8

BIOSYNTHESIS

Squalene, lanosterol and cholesterol synthesis from acetate in neonatal chick tissues. Linares A, et al. **Rev Esp Fisiol** 1984 Dec;40(4):425-9

METABOLISM

Preparation of 14C-labeled and unlabeled sterol intermediates from yeast using metabolic inhibitors. Nakanishi S, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1665-72

Microsomal enzymes of cholesterol biosynthesis from lanosterol. Purification and characterization of delta 7-sterol 5-desaturase of rat liver microsomes. Kawata S, et al. **J Biol Chem** 1985 Jun 10;260(11):6609-17

Microsomal enzymes of cholesterol biosynthesis from lanosterol. Characterization, solubilization, and partial purification of NADPH-dependent delta 8,14-steroid 14-reductase. Paik YK, et al. **J Biol Chem** 1984 Nov 10; 259(21):13413-23

Cytochrome P-450-dependent oxidation of lanosterol in cholesterol biosynthesis. Microsomal electron transport and C-32 demethylation. Trzaskos JM, et al. **J Biol Chem** 1984 Nov 10;259(21):13402-12

PHARMACODYNAMICS

Effect of lanosterol on the susceptibility of Mastomys natalensis to Entamoeba histolytica infection [letter] Srivastava R, et al. **Trans R Soc Trop Med Hyg** 1985; 79(3):422

LANTHANIDES see **METALS, RARE EARTH**

LANTHANUM

ANALYSIS

Chromium, cobalt and lanthanum in lung, liver and kidney tissue from deceased smelter workers. Gerhardsson L, et al. **Sci Total Environ** 1984 Aug 1;37(2-3):233-46

METABOLISM

Vascular permeability to lanthanum in the rat incisor pulp. Comparison with endoneurial vessels in the inferior alveolar nerve. Bishop MA. **Cell Tissue Res** 1985; 239(1):131-6

Differential permeability of pineal capillaries to lanthanum ion in the rat (Rattus norvegicus), gerbil (Meriones unguiculatus) and golden hamster (Mesocricetus auratus). Hewing M, et al. **Cell Tissue Res** 1985;241(1):149-54

Enhancement of hematoporphyrin derivative uptake in vitro and in vivo by tumor cells in the presence of lanthanum. Crone-Escanye MC, et al. **Tumori** 1985 Feb 28;71(1):39-43

PHARMACODYNAMICS

Induction of aggregation in Streptococcus mitis by certain ions. Abaas S. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Oct; 92(5):253-9

Effects of ionophore A23187 and lanthanum on pepsinogen secretion from frog esophageal mucosa in vitro. Fong JC. **Biochim Biophys Acta** 1985 Apr 11;814(2):356-62

Initiation of DNA synthesis in quiescent Swiss 3T3 and 3T6 cells by lanthanum. Smith JB, et al. **Biosci Rep** 1984 Sep; 4(9):777-82

[3H]nitrendipine binding in the guinea pig left ventricle: effects of calcium and lanthanum. Fawzi AB, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):357-62

Blood pressure, lanthanum-, and norepinephrine-induced mechanical response in thoracic aortic tissue. Laher I, et al. **Hypertension** 1984 Sep-Oct;6(5):700-8

Displacement of the surface membrane bound calcium of the skeletal muscle fibers of the frog: effects of lanthanum and opioids. Shetty SS, et al. **J Pharmacol Exp Ther** 1985 Jul; 234(1):233-8

Intracellular ionic changes during hyperthermia of tumor cells in the presence of lanthanum. Anghileri LJ, et al. **Neoplasma** 1985;32(3):369-73

[Adenosine-3',5'-monophosphate content and muscle tension in isolated coronary arteries under the effect of lanthanum ions] Fermum R, et al. **Biomed Biochim Acta** 1984; 43(11):1285-94 (Eng. Abstr.) **(Ger)**

[Effect of calcium, lanthanum and neodymium ions on the permeability of the corneal epithelium to low molecular metabolites in animals] Rogalla K, et al. **Fortschr Ophthalmol** 1984;81(4):318-22 (Eng. Abstr.) **(Ger)**

TOXICITY

Effect of cysteine supplementation on lanthanum chloride induced alterations in the antioxidant defence system of chick liver. Basu A, et al. **Indian J Exp Biol** 1984 Aug; 22(8):432-4

The effects of lanthanum chloride on pregnancy in mice and on preimplantation mouse embryos in vitro. Abramczuk JW. **Toxicology** 1985 Mar 29;34(4):315-20

LANUGO see **HAIR**

LAPAROSCOPY see **PERITONEOSCOPY**

LAPAROTOMY

Use of the Deaver retractor for exteriorization of ovarian cysts at laparotomy. Menczer J. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):885-6

Second-look laparotomy in ovarian cancer: evaluation of pathologic variables. Podratz KC, et al. **Am J Obstet Gynecol** 1985 May 15;152(2):230-8

Primary open wound management after emergency laparotomies for conditions associated with bacterial contamination. Reappraisal of a historical tradition. Meissner K, et al. **Am J Surg** 1984 Nov;148(5):613-7

Diagnostic laparotomy in suspected malignant lymphoma. Barr LC, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):402-4

How to do a laparotomy [letter] Franklin A. **Br J Hosp Med** 1984 Sep;32(3):155

Laparotomy closure. Leaper DJ. **Br J Hosp Med** 1985 Jun; 33(6):317-22

Laparotomy-staged IA versus IIA Hodgkin's disease. A comparative study with evaluation of prognostic factors for stage IIA disease. Zagars G, et al. **Cancer** 1985 Aug 15;56(4):864-73

Staging laparotomy in Hodgkin's disease [letter] McDonald AF, et al. **Clin Radiol** 1984 Nov;35(6):508

Heated humidification in major abdominal surgery. Linko K, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):285-91

Treatment of Zollinger-Ellison syndrome with exploratory laparotomy, proximal gastric vagotomy, and H2-receptor antagonists. A prospective study. Richardson CT, et al. **Gastroenterology** 1985 Aug;89(2):357-67

Second-look laparotomy for Wilms' tumor: indications and results in 19 patients. Grosfeld JL, et al. **J Pediatr Surg** 1985 Apr;20(2):145-9

Serum 'cardiac' enzyme levels after laparotomy. Of value in the diagnosis of postoperative myocardial infarction? Irving AD, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):252-3

Aortic collagenase activity as affected by laparotomy, cecal resection, aortic mobilization, and aortotomy in rats. Cohen JR, et al. **J Vasc Surg** 1984 Jul;1(4):562-5

Penetrating abdominal wounds. Rationale for exploratory laparotomy. Moore EE, et al. **JAMA** 1985 May 10; 253(18):2705-8

Laparotomy and splenectomy in Hodgkin's disease: a reappraisal after twenty years. Rosenberg SA. **Scand J Haematol** 1985 Apr;34(4):289-92

Early reclosure versus conventional secondary suture of severe wound abscesses following laparotomy. Lykkegaard-Nielsen M, et al. **Scand J Infect Dis [Suppl]** 1984;43:67-70

Intraoperative consultation for the kidney. Zabbo A, et al. **Urol Clin North Am** 1985 Aug;12(3):405-10

[Ruptures of laparotomy wounds--contribution to the pathophysiology and prevention] Stockarová D, et al. **Rozhl Chir** 1984 Dec;63(12):798-804 (Eng. Abstr.) **(Cze)**

[Relaparotomy following stomach operations] Schulz F, et al. **Langenbecks Arch Chir** 1984;362(4):263-74 (Eng. Abstr.) **(Ger)**

[The single-strand suture in the closure of laparotomy incisions] Melotto A, et al. **Minerva Med** 1984 Sep 22; 75(36):2097-8 **(Ita)**

[Significance of indices of plasma osmolarity in clinical practice] Slepushkin VD. **Klin Med (Mosk)** 1984 Jul; 62(7):62-5 **(Rus)**

[Postoperative eventration in newborn infants] Bairov GA, et al. **Vestn Khir** 1985 Jan;134(1):101-4 (Eng. Abstr.) **(Rus)**

[Possibility of predicting and preventing postoperative complications leading to relaparotomy] Gostishchev VK, et al. **Vestn Khir** 1985 Jan;134(1):54-60 (Eng. Abstr.) **(Rus)**

[Relaparotomy in children] Kudriavtsev VA, et al. **Vestn Khir** 1985 Jan;134(1):104-8 (Eng. Abstr.) **(Rus)**

[Aerophagia and postlaparotomy gastric atony] Omanik S. **Rozhl Chir** 1984 Sep;63(8-9):557-63 (Eng. Abstr.) **(Slo)**

[Staging laparotomy in Hodgkin's lymphoma] Trnka J, et al. **Rozhl Chir** 1985 Apr;64(4):298-303 (Eng. Abstr.) **(Slo)**

ADVERSE EFFECTS

Radiation injuries of the gastrointestinal tract in Hodgkin's disease: the role of exploratory laparotomy and fractionation. A study of 19 cases observed in a series of 134 patients treated at the Institut Gustave Roussy from 1972 to 1982. Gallez-Marchal D, et al. **Radiother Oncol** 1984 Aug;2(2):93-9

[Laparocele: review of the literature and our experience] Di Lalla M, et al. **Minerva Chir** 1984 Nov 30;39(22):1593-603 (Eng. Abstr.) **(Ita)**

[Laparotomy as a surgical operation and possible errors and complications] Belkaniia SP. **Klin Khir** 1985 Jan;(1):64-5 **(Rus)**

[Eventration in gynecologic and obstetric surgery] Nava y Sánchez RM, et al. **Ginecol Obstet Mex** 1983 Jul; 51(315):175-81 (Eng. Abstr.) **(Spa)**

INSTRUMENTATION

[The single-strand suture in the closure of laparotomy incisions] Melotto A, et al. **Minerva Med** 1984 Sep 22; 75(36):2097-8 **(Ita)**

METHODS

Does mass closure of midline laparotomies stand the test of time? A random control clinical trial. Ausobsky JR, et al. **Ann R Coll Surg Engl** 1985 May;67(3):159-61

Minilaparotomy and laparoscopy: safe, effective, and widely used. Liskin L, et al. **Popul Rep [C]** 1985 May;(9):C125-67 (664 ref.)

[Transverse and vertical laparotomies in surgery of the abdominal aorta. Comparative study of digestive and respiratory function recovery] Joyeux A, et al. **Chirurgie** 1984;110(5):579-85 (Eng. Abstr.) **(Fre**

[Comparative evaluation of the respiratory consequences of supraumbilical and bi-subcostal median laparotomy incisions (letter)] Spay G. **Presse Med** 1985 Jan 26;14(3):163 **(Fre)**

[Laparotomy by the Cohen method] Mieszczerski J, et al.

Ginekol Pol 1984 Nov;55(11):833-5 (Eng. Abstr.) **(Pol)**

[Laparostomy in suppurative peritonitis (review of foreign literature)] Korepanov VI. **Vestn Khir** 1984 Aug; 133(8):138-40 (16 ref.) **(Rus)**

MORTALITY

Urgent relaparotomy: the high-risk, no-choice operation. Bunt TJ. **Surgery** 1985 Sep;98(3):555-60

VETERINARY

A soft tissue laparotomy technique in turtles. Brannian RE. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1416-7

[Changes in the central and peripheral nervous system in cows after laparotomy] Eustachiewicz R, et al. **Pol Arch Weter** 1984;24(2):241-5 (Eng. Abstr.) **(Pol)**

LARVA

Larval conjunctivitis: a case report. Mucia JJ, et al. **Ann Emerg Med** 1985 Sep;14(9):909-11

[The initial activity and persistance of an experimental larvicide with a base of Bacillus thuringiensis var. israelensis and a commercial preparation containing the organophosphorus insecticide temephos] Pussemier L, et al. **J Environ Sci Health [B]** 1984 Aug;19(6):539-54 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Oxygen supply and limiting oxygen pressures in an insect larva. Tenney SM. **Respir Physiol** 1985 Apr;60(1):121-34

RADIATION EFFECTS

Evidence for cell-replacement repair of X-ray-induced teratogenic damage in male genital imaginal discs of Drosophila melanogaster. Fukunaga A, et al. **Mutat Res** 1985 Sep;151(2):243-50

LARVA MIGRANS

COMPLICATIONS

Pulmonary eosinophilia associated with cutaneous larva migrans. Butland RJ, et al. **Thorax** 1985 Jan;40(1):76-7

DIAGNOSIS

Larva currens and systemic disease. Amer M, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):402-3

Gnathostomiasis, or larva migrans profundus. Feinstein RJ, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):738-40

Dracunculus medinensis presenting as larva migrans [letter] Reddy NB, et al. **Trop Doct** 1985 Jul;15(3):148-9

[Pseudometastatic image in the ultrasonic and x-ray computed tomographic examination of the liver in larva migrans syndrome (letter)] Barrier J, et al. **Presse Med** 1985 Apr 13;14(15):847 **(Fre)**

ETIOLOGY

Raccoon ascarid larvae (Baylisascaris procyonis) as a cause of ocular larva migrans. Kazacos KR, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1177-83

LARVA MIGRANS, VISCERAL

DIAGNOSIS

A collaborative study on larval excretory/secretory antigens of Toxocara canis for the immunodiagnosis of human toxocariasis with ELISA. Speiser F, et al. **Acta Trop (Basel)** 1984 Dec;41(4):361-72

Hepatic capillariasis may simulate the syndrome of visceral larva migrans, an analysis. Kumar V, et al. **Ann Soc Belg Med Trop** 1985;65(1):101-4

Diagnosis of experimental toxocariasis canis by intradermal and gel-diffusion tests. el-Kholy EI, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):361-5

[Visceral larva migrans due to Toxocara canis. Study of the clinical and laboratory characteristics of 7 human cases] Abe-Jacob CM, et al. **AMB** 1984 Sep-Oct;30(9-10):187-91 (Eng. Abstr.) **(Por)**

[Toxocariasis: clinical aspects, diagnosis and treatment (a lecture)] Alekseev MI. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):66-72 (Eng. Abstr.) **(Rus)**

[Visceral larva migrans in children] Noemi I, et al. **Rev Chil Pediatr** 1984 Jul-Aug;55(4):244-8 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Do Toxocara canis larval antigens used in enzyme-linked immunosorbent assay for visceral larva migrans cross-react with AB isohemagglutinins and give false positive results? Glickman LT, et al. **Z Parasitenkd** 1985;71(3):395-400

OCCURRENCE

[Seroprevalence of visceral larva migrans in the Midi-Pyrenees region (letter)] Glickman LT, et al. **Presse Med** 1985 May 11;14(19):1094 **(Fre)**

[Visceral larva migrans in childhood: report of 2 cases] Kawakami E, et al. **Arq Gastroenterol** 1984 Apr-Jun; 21(2):83-7 (Eng. Abstr.) **(Por)**

PARASITOLOGY

Fatal eosinophilic meningoencephalitis and visceral larva migrans caused by the raccoon ascarid Baylisascaris procyonis. Fox AS, et al. **N Engl J Med** 1985 Jun 20; 312(25):1619-23

PATHOLOGY

[Diagnostic value of needle biopsy of the liver in visceral larva migrans] Kádas I, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jan;25(1):48-52 (Eng. Abstr.) **(Hun)**

PHYSIOPATHOLOGY

Toxocara canis in humans. Daggy JR. **Indiana Med** 1985 Mar;78(3):210-1

TRANSMISSION

Visceral larva migrans: a risk assessment in Baton Rouge, Louisiana. Smith RE, et al. **Int J Zoonoses** 1984 Dec; 11(2):189-94

LARYNGEAL CARTILAGES

Cricoid compression is effective in obliterating the esophageal lumen in the presence of a nasogastric tube. Salem MR, et al. **Anesthesiology** 1985 Oct;63(4):443-6

Glottic reconstruction with thyroid perichondrium and investing cervical fascia. Stegnjajic A, et al. **Arch Otolaryngol** 1985 Jul;111(7):472-5

Rheumatoid arthritis of the cricoarytenoid joints: a case of laryngeal obstruction due to acute and chronic joint changes. Jurik AG, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):846-8

ABNORMALITIES

Pathogenesis of protruded false vocal fold. Honjo I, et al. **Arch Otolaryngol** 1985 Jun;111(6):398-9

The frequency of occurrence of foramen thyroideum in the human larynx. Zemlin WR, et al. **Folia Phoniatr (Basel)** 1984;36(6):296-300

[Coloboma cartilaginis thyreoideae] Navrátil J, et al. **Cesk Otolaryngol** 1985 Mar;34(2):114-5 (Eng. Abstr.) **(Cze)**

ANATOMY & HISTOLOGY

Laryngeal cartilages in the house musk shrew (Suncus murinus). Nokubi K, et al. **Kaibogaku Zasshi** 1984 Jun; 59(3):187-93

[Measurements, form and form variants of the thyroid and cricoid cartilages] Lang J, et al. **Gegenbaurs Morphol Jahrb** 1984;130(5):639-57 (Eng. Abstr.) **(Ger)**

INJURIES

[Uncommon injuries of the larynx following intubation. Recurrent paralysis, torsion and luxation of the cricoarytenoid joints] Rudert H. **HNO** 1984 Sep; 32(9):393-8 (Eng. Abstr.) **(Ger)**

INNERVATION

Three-dimensional distribution of neuromuscular junctions in human cricothyroid. De Vito MA, et al. **Arch Otolaryngol** 1985 Feb;111(2):110-3

PATHOLOGY

Chondrometaplasia of the larynx. Ferlito A, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):174-7

[Optimal functional result in a case of giant double-sac laryngeal chondroma developing in the thyroid cartilage] Marin I, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun; 30(2):129-34 (Eng. Abstr.) **(Rum)**

RADIOGRAPHY

Medullary space involvement in laryngeal carcinoma. Computed tomographic demonstration. Silverman PM. **Arch Otolaryngol** 1985 Aug;111(8):541-2

CT diagnosis of laryngeal cricoid chondrosarcoma. Goiney RC, et al. **J Can Assoc Radiol** 1984 Dec;35(4):404-5

Bone marrow expansion of the thyroid cartilage: a source of confusion with malignant invasion in CT studies. Kavanagh KT, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):177-9

SURGERY

Experience with elective coniotomy. Jakobsson J, et al. **Acta Chir Scand [Suppl]** 1984;520:101-3

Cricothyroidotomy for prolonged ventilatory support after cardiac operations. O'Connor JV, et al. **Ann Thorac Surg** 1985 Apr;39(4):353-4

Laser arytenoidectomy. Lim RY. **Arch Otolaryngol** 1985 Apr; 111(4):262-3

Thornell's approach for arytenoidectomy in the surgical treatment of bilateral abductor paralysis; personal experience and results. de Campora E, et al. **J Laryngol Otol** 1985 Apr;99(4):379-82

Voice changes following cricothyroidotomy. Gleeson MJ, et al. **J Laryngol Otol** 1984 Oct;98(10):1015-9

Intralaryngeal arytenoidectomy. A report of six cases. Nassar WY, et al. **J Laryngol Otol** 1985 May;99(5):513-6

Tracheal reconstruction with pedicled thyroid cartilage. Fry TL, et al. **Laryngoscope** 1985 Jan;95(1):60-2

Endoscopic laser arytenoidectomy for the treatment of bilateral vocal cord paralysis. Ossoff RH, et al. **Laryngoscope** 1984 Oct;94(10):1293-7

Experimental studies for correction of superior laryngeal paralysis by fusion of the thyroid to cricoid cartilages. Thompson JW, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):498-508

[The execution of the modified Thornell operation] Martin F. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):322 **(Ger)**

[Treatment of bilateral paralysis in abduction of the vocal cords: results of intervention by arytenoidopexy] Pesavento G, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug; 4(4):407-15 (Eng. Abstr.) **(Ita)**

TRANSPLANTATION

Delayed cricoid reconstruction by use of a free graft of autogenous 'patient banked' cartilage. Bumsted RM. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):104-9

LARYNGEAL DISEASES

see related

OTORHINOLARYNGOLOGIC DISEASES

Transactions of the XXIIth congress of the Scandinavian Oto-laryngological Society. Abstracts. Copenhagen, June 18-21, 1984. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 412:1-138

Saccular cyst of the larynx in infants. Suhonen H, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):73-8

BLOOD

[Interrelations of lysosomal enzymes of leukocytes in patients with cicatricial stenosis of the larynx] Logunov AI, et al. **Vopr Med Khim** 1984;30(6):110-4 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

[Extensive submucosal hematomas in the pharyngo-laryngeal region in a female patient with tonsillitis during marcumar treatment] Grüter L. **HNO** 1984 Sep;32(9):399 **(Ger)**

COMPLICATIONS

Epidermolysis bullosa letalis in the larynx causing acute respiratory failure: a case presentation and review of the literature. Glossop LP, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):281-8

Dysphagia due to simultaneous laryngocele and Zenker's diverticulum. Birt BD. **Laryngoscope** 1985 Jan;95(1):1-2

[The larynx and sarcoidosis] Polet MA, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):192-7 **(Fre)**

[Grover's disease of cutaneous and laryngeal localization associated with a carcinoma of the larynx] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):407-10 (Eng. Abstr.) **(Ita)**

CONGENITAL

Congenital laryngeal stridor (laryngomalacia): etiologic factors and associated disorders. Belmont JR, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):430-7

Congenital laryngeal saccular cyst of the newborn. Abramson AL, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1580-2

Congenital calcification of the larynx and trachea. Mlynarski FG, et al. **Otolaryngol Head Neck Surg** 1985 Feb; 93(1):99-101

[Life-threatening stridor due to a congenital laryngeal cyst] Tveterås K, et al. **Ugeskr Laeger** 1985 Apr 29;147(18):1482 (Eng. Abstr.) **(Dan)**

[A case of congenital laryngotracheoesophageal fistula associated with esophageal atresia and other defects] Stefanek W. **Pediatr Pol** 1984 Sep;59(9):779-84 **(Pol)**

[Laryngocele--a cyst of the laryngeal pouch] Prandota J, et al. **Wiad Lek** 1985 Mar 15;38(6):457-9 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Laryngeal spasm mimicking bronchial asthma. Chawla SS, et al. **Ann Allergy** 1984 Oct;53(4):319-21

The twisted larynx: a clinical syndrome [letter] Lewy RB. **Arch Otolaryngol** 1985 Aug;111(8):557

Laryngeal candidiasis. Report of seven cases and review of the literature. Tashjian LS, et al. **Arch Otolaryngol** 1984 Dec;110(12):806-9

Perturbation analysis of normal and pathologic larynges. Zyski BJ, et al. **Folia Phoniatr (Basel)** 1984;36(4):190-8

Evaluation of the larynx, hypopharynx, and nasopharynx at the time of diagnostic upper gastrointestinal endoscopy. Kozarek RA. **Gastrointest Endosc** 1985 Aug;31(4):271-3

Electroglottography for laryngeal function assessment and speech analysis. Childers DG, et al. **IEEE Trans Biomed Eng** 1984 Dec;31(12):807-17

The out-patient use of the fibrebronchoscope for examining the larynx. Donnelly JP. **J Laryngol Otol** 1985 Aug; 99(8):793-4

Radiographic-endoscopic correlations in the examination of airway disease in children. Gyepes MT, et al. **Pediatr Radiol** 1985;15(5):291-6

[A patient with cicatricial parapemphigus of the larynx and hypopharynx] Knegt P, et al. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1659-61 (Eng. Abstr.) **(Dut)**

[Larynx, hypopharynx, trachea] **Arch Otorhinolaryngol [Suppl]** 1984;2:222-50 **(Ger)**

[Diagnosis and therapy of laryngeal sarcoidosis] Jakse R, et al. **HNO** 1985 Mar;33(3):118-23 (Eng. Abstr.) **(Ger)**

[Flexible ENT endoscopy--video technic] Rasinger GA, et al. **HNO** 1985 Feb;33(2):90-3 (Eng. Abstr.) **(Ger)**

[A case of sarcoidosis presenting with hoarseness due to false vocal cord tumor] Terao S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):514-7 (Eng. Abstr.) **(Jpn)**

[Microscopic laryngoscopy and microsurgery in the diagnosis and treatment of neoplastic and inflammatory diseases of the larynx in the Otolaryngological Clinic in Lublin (1971-1982)] Semczuk B, et al. **Otolaryngol Pol** 1984; 38(5):365-8 (Eng. Abstr.) **(Pol)**

[Microlaryngoscopy and microsurgery of the larynx] Sonnenberg Z, et al. **Wiad Lek** 1985 Apr 1;38(7):500-7 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Laryngeal injury in a dog model of prolonged endotracheal intubation. Bishop MJ, et al. **Anesthesiology** 1985 Jun; 62(6):770-3

Pathogenesis of protruded false vocal fold. Honjo I, et al. **Arch Otolaryngol** 1985 Jun;111(6):398-9

Laryngeal perichondritis and abscess. Souliere CR Jr, et al. **Arch Otolaryngol** 1985 Jul;111(7):481-4

Precipitation of laryngeal obstruction in acute epiglottitis. Tarnow-Mordi WO, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):629

Laryngeal incompetence following facial trauma. Zachariades N. **J Oral Maxillofac Surg** 1985 Aug; 43(8):638-9

Spasmodic dysphonia [editorial] **Lancet** 1984 Nov 24; 2(8413):1192-3

Granulomas of the vocal cords caused by Sporothrix schenckii. Agger WA, et al. **Laryngoscope** 1985 May; 95(5):595-6

Extensive granuloma pyogenicum as a complication of endolaryngeal argon laser surgery. Dejonckere PH, et al. **Lasers Surg Med** 1985;5(1):41-5

[A case of laryngeal leishmaniasis with a long course] Ravisse P, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun; 77(3):305-11 (Eng. Abstr.) **(Fre)**

[Uncommon injuries of the larynx following intubation. Recurrent paralysis, torsion and luxation of the cricoarytenoid joints] Rudert H. **HNO** 1984 Sep; 32(9):393-8 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Pathology consultation. Coccidioidomycosis of the larynx. Batsakis JG. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):528-9

Actinomycosis of the larynx [clinical conference] Hughes RA Jr, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):520-4

Goblet cells in the laryngeal mucosa in benign diseases of the larynx. Nielsen KO, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):176-80

A comment on laryngeal cytology. Bichler E, et al. **Arch Otorhinolaryngol** 1985;241(2):209-11

Photometric studies on nuclear DNA content and area in different laryngeal epithelia. Hellquist H, et al. **Cancer Detect Prev** 1984;7(4):275-7

Problems in pediatric otorhinolaryngic pathology. V. Diseases of the larynx and trachea. Heffner DK. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):203-19

Clinical implications of laryngeal amyloidosis. Graamans K, et al. **J Laryngol Otol** 1985 Jun;99(6):617-23

Tracheopathia osteoplastica in the larynx. Paaske PB, et al. **J Laryngol Otol** 1985 Mar;99(3):305-10

Lone laryngeal leishmaniasis [letter] Marsden PD, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):424-5

[Soft tissue hemorrhage within the larynx following strangulation] Maxeiner H. **Z Rechtsmed** 1985;94(2):127-35 (Eng. Abstr.) **(Ger)**

[Amyloidosis of the larynx. Apropos of a case] Dalmau Galofre J, et al. **An Otorrinolaringol Ibero Am** 1985; 12(4):305-14 (Eng. Abstr.) **(Spa)**

[Amyloidosis of the upper respiratory and digestive tracts] Marco Algarra J. **An Otorrinolaringol Ibero Am** 1985; 12(2):117-26 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Voice onset in pathologic speakers. Kitajima K, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:175-9

Airflow study of pathologic larynges using a hot wire flowmeter. Kitajima K. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):195-7

Proximal airway function 8 to 16 years after laryngomalacia: follow-up using flow-volume loop studies. Macfarlane PI, et al. **J Pediatr** 1985 Aug;107(2):216-8

PREVENTION & CONTROL

Precipitation of laryngeal obstruction in acute epiglottitis [letter] Williams PA, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):1007

RADIOGRAPHY

Barium pharyngography: comparison of single and double contrast. Semenkovich JW, et al. **AJR** 1985 Apr; 144(4):715-20

Xeroradiography of the lateral neck. Smith C. **CRC Crit Rev Diagn Imaging** 1984;23(2):151-233 (145 ref.)

[Combined endoscopic-endographic diagnosis of the larynx and trachea with contrast medium powders] Brandt RH. **Z Erkr Atmungsorgane** 1984;163(3):251-5 (Eng. Abstr.) **(Ger)**

[X-ray computed tomography in non-neoplastic pathology of the larynx] Vadalà G, et al. **Radiol Med (Torino)** 1984 Oct;70(10):722-9 (Eng. Abstr.) **(Ita)**

[Roentgen diagnosis of cicatricial stenoses of the larynx and upper part of the trachea in children] Portnoĭ LM, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):35-41 (Eng. Abstr.) **(Rus)**

SURGERY

Surgical treatment of the laryngotracheal amyloidosis. Watanabe H, et al. **Auris Nasus Larynx** 1984;11(3):157-62

High frequency ventilation in laser surgery of the larynx. Scheck PA, et al. **Clin Otolaryngol** 1984 Aug;9(4):203-7

Epidermoid cysts, sulci, and mucosal bridges of the true vocal cord: a report of 157 cases. Bouchayer M, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1087-94

Jet insufflation anesthesia for endolaryngeal laser surgery: a review of 318 consecutive cases. Rontal E, et al. **Laryngoscope** 1985 Aug;95(8):990-2

Laser surgery for benign laryngeal disease. Conservation and ergonomics. Karlan MS, et al. **Surg Clin North Am** 1984 Oct;64(5):981-94

CO2 laser surgery of the upper airway. Keane WM, et al. **Surg Clin North Am** 1984 Oct;64(5):955-71 (19 ref.)

Instrumentation for CO2 laser surgery of the larynx and tracheobronchial tree. Ossoff RH, et al. **Surg Clin North Am** 1984 Oct;64(5):973-80

[Laser therapy of granulomas and posterior synechiae] Abitbol J. **J Fr Otorhinolaryngol** 1984 Oct;33(8):413-4, 7 **(Fre)**

[The CO2 laser in laryngeal microsurgery] Motta G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):49-68 (Eng. Abstr.) **(Ita)**

THERAPY

Medical management of organic laryngeal disorders. Vaughan CW, et al. **Otolaryngol Clin North Am** 1984 Nov; 17(4):705-12

LARYNGEAL EDEMA

ETIOLOGY

The enigma of post-radiation oedema and residual or recurrent carcinoma of the larynx and pyriform fossa. Bahadur S, et al. **J Laryngol Otol** 1985 Aug;99(8):763-5

LARYNGEAL MUCOSA see under **LARYNX**

LARYNGEAL MUSCLES see under **MUSCLES**

LARYNGEAL NEOPLASMS

Adenocarcinoma of the larynx. Gadomski SP, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):259-62

[Paraneoplastic erythroderma: apropos of a case] Faure M, et al. **Dermatologica** 1985;170(3):147-51 (Eng. Abstr.) **(Fre)**

[Clinical records of malignant tumors of the larynx] **Acta Otorhinolaryngol Ital** 1985 Jan-Feb;5(1):91-102 (Eng. Abstr.) **(Ita)**

[Importance of cooperation between the laryngologist and pathologist-oncologist in the prevention, development and treatment of cancer of the vocal cords] Szlezak L, et al. **Otolaryngol Pol** 1985;39(2):93-7 (Eng. Abstr.) **(Pol)**

ANALYSIS

Androgen receptors and antiandrogen therapy for laryngeal carcinoma. Mattox DE, et al. **Arch Otolaryngol** 1984 Nov; 110(11):721-4

Immunohistochemical localization of macromolecules of the basement membrane and the peritumoral stroma in human laryngeal carcinomas. Cam Y, et al. **J Pathol** 1984 Sep; 144(1):35-44

BLOOD

The role of testosterone in laryngeal carcinogenesis. Kambič V, et al. **Am J Otolaryngol** 1984 Sep-Oct;5(5):344-9

Investigations of serum testosterone levels in patients with laryngeal cancers. Haidoutova R, et al. **Arch Otorhinolaryngol** 1985;241(3):213-7

[Testosterone, albumin and sex steroid-binding globulin in the blood serum of patients with laryngeal cancer] Kushlinskiĭ NE, et al. **Vopr Onkol** 1985;31(8):36-41 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

[TNM classification of the larynx: findings and proposals] Calearo C. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec; 4(6):697-701 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Posterior cleft larynx associated with hamartoma. Cohen SR. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):443-6

Odynophagia in patients with malignant disorders. Slee GR, et al. **Cancer** 1985 Jun 15;55(12):2877-9

False vocal cord nodules: an unusual case of hoarseness. Handler SD, et al. **Ear Nose Throat J** 1984 Oct;63(10):514-8

Sudden airway obstruction due to a benign hemangioendothelioma of the larynx. Nakashima T, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):849-50

Juvenile laryngeal papillomatosis with pulmonary parenchymal spread. Case report and review of the literature. Kawanami T, et al. **Pediatr Radiol** 1985; 15(2):102-4 (17 ref.)

Lung cancer in patients with tracheostomy due to cancer of the larynx. Rodríguez E, et al. **Respiration** 1984; 46(3):323-7

[Grover's disease of cutaneous and laryngeal localization associated with a carcinoma of the larynx] Aloi FG, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):407-10 (Eng. Abstr.) **(Ita)**

[Grover's disease and neoplasms: a non-casual association? (letter)] Aloi FG, et al. **G Ital Dermatol Venereol** 1985 May-Jun;120(3):235 **(Ita)**

[Auditory function in patients with extensive tumors of the larynx with metastases] Pogosov VS, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):49-51 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Primary cytodiagnosis of synchronous small-cell cancer and squamous-cell carcinoma of the respiratory tract. Willett GD, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):610-3

Angiosarcoma of the larynx. Case report. Ferlito A, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):93-5

Intralaryngotracheal thyroid [letter] Hazarika P, et al. **Ear Nose Throat J** 1985 Jan;64(1):68, 70-2

Neck masses the logical evaluation. Simpson GT. **Hosp Pract [Off]** 1984 Nov;19(11):163-8, 173-6, 180-2

Metastases to bone as primary sign of laryngeal cancer. Routh A, et al. **J Miss State Med Assoc** 1984 Nov;25(11):291-3

Diagnosis and treatment of laryngeal carcinoma. Templer J, et al. **Mo Med** 1985 May;82(5):247-51

[Subglottic plasmacytoma: diagnosis and prognosis] Schrader M, et al. **HNO** 1985 Mar;33(3):130-3 (Eng. Abstr.) **(Ger)**

[Primary adenocarcinomas of the larynx] Hommerich CP. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):25-31 (Eng. Abstr.) **(Ger)**

[Early diagnosis of laryngeal cancer by endoscopy and histology in the risk group dispensary] Brandt RH, et al. **Z Arztl Fortbild (Jena)** 1984;78(18):763-6 **(Ger)**

[Borderline cases between the laryngeal and hypopharyngeal cancers] Miyahara H, et al. **Gan No Rinsho** 1984 Sep; 30(11):1401-6 (Eng. Abstr.) **(Jpn)**

[A case of sarcoidosis presenting with hoarseness due to false vocal cord tumor] Terao S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):514-7 (Eng. Abstr.) **(Jpn)**

[Clinical and anatomopathological characteristics of cancer of the laryngeal pouch] Hassmann E, et al. **Otolaryngol Pol** 1984;38(5):377-85 (Eng. Abstr.) **(Pol)**

[Usefulness of toluidine blue in the microlaryngological diagnosis of laryngeal cancer. I. Clinical studies] Szmeja Z, et al. **Otolaryngol Pol** 1984;38(6):489-92 (Eng. Abstr.) **(Pol)**

[Multiple primary malignant tumors of the respiratory organs (review of the literature)] Chissov VI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):142-9 (77 ref.) **(Rus)**

[Clinical characteristics of cancer of the laryngeal ventricles and efficacy of different methods of treatment] Alferov VS, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):60-3 (Eng. Abstr.) **(Rus)**

[Synovial sarcoma of the larynx] Kitsmaniuk ZD, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):61-2 **(Rus)**

[Importance of determining echinocytosis in the early diagnosis of laryngeal and pharyngeal neoplasms] Teodor IL, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):37-40 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Postcricoid carcinoma: a retrospective study of 13 patients. Grant HR, et al. **Eur J Surg Oncol** 1985 Mar;11(1):37-40

[Initial chemotherapy of extensive cancers of the upper respiratory and digestive tracts] Chauvergne J, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):437-8 **(Fre)**

[Induction chemotherapy in cancer of the upper respiratory and digestive tract. Preliminary results of the protocol combining cisplatin, 5-fluorouracil and bleomycin (CFB)] Laccourreye H, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):1-6 (Eng. Abstr.) **(Fre)**

[Production and preclinical use of a monoclonal immunotoxin against laryngeal cancer cells] Zenner HP. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):566-9 (Eng. Abstr.) **(Ger)**

[Flumidine in the treatment of laryngeal papillomatosis in children] Sarău M, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):93-8 (Eng. Abstr.) **(Rum)**

ENZYMOLOGY

Enzymatic deficiencies of the immune system cells in patients with cancer of the larynx and other malignancies. Gierek T, et al. **Auris Nasus Larynx** 1985;12(1):47–51

Release of proteinases by cultures of human cell lines derived from squamous carcinomas of the tongue and larynx. Baici A, et al. **Exp Cell Biol** 1985;53(4):213–9

[Smoking and induction of the enzyme aryl hydrocarbon hydroxylase in patients with laryngeal carcinomas and precancerous conditions] Trell E, et al. **HNO** 1985 Mar; 33(3):112–4 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Arylhydrocarbonhydroxylase inducibility and smoking habits in patients with laryngeal carcinomas. Korsgaard R, et al. **Acta Otolaryngol (Stockh)** 1984 Sep–Oct;98(3–4):368–73

Tobacco and the risk of cancer. Importance of kinds of tobacco. Esteve J, et al. **IARC Sci Publ** 1984;(57):867–76

Alcohol, smoking, social and occupational factors in the aetiology of cancer of the oral cavity, pharynx and larynx. Elwood JM, et al. **Int J Cancer** 1984 Nov 15;34(5):603–12

Interaction of alcohol and tobacco as risk factors in cancer of the laryngeal region. Olsen J, et al. **J Epidemiol Community Health** 1985 Jun;39(2):165–8

Squamous cell carcinoma of the epiglottis in a homosexual man at risk for AIDS [letter] Alhashimi MM, et al. **JAMA** 1985 Apr 26;253(16):2366

Preferred animal model in tobacco–inhalation studies [letter] Homburger F, et al. **JNCI** 1985 Aug;75(2):393

Squamous cell carcinoma of the oral cavity, pharynx, and larynx in young adults. Lipkin A, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):790–3

Radiation induced carcinoma of the larynx. Amendola BE, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):30–2

[Relationship between excessive alcohol drinking and laryngeal cancer] Chodynicki S, et al. **Wiad Lek** 1984 Aug 1;37(15):1180–3 (Eng. Abstr.) **(Pol)**

[Double primary neoplasms in the respiratory tract] Oteo Ochoa LA, et al. **Rev Clin Esp** 1984 May 31;173(4):215–7 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Oncogenes in laryngeal cancer: serial passage of transformed cellular DNA. Friedman WH, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):346–50

HISTORY

Virchow's pathological reports on Frederick III's cancer. Lin JI. **N Engl J Med** 1984 Nov 8;311(19):1261–4

IMMUNOLOGY

Natural cytotoxicity and interferon production in patients with recurrent respiratory papillomatosis. Naiman HB, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):483–7

Circulating immunocomplexes and laryngeal carcinoma. Denaro A, et al. **Arch Otolaryngol** 1985 Sep;111(9):595–7

An unusual presentation of a large tumor coexisting with an unusually high nonspecific immune responsiveness. A case report. Eskinazi DP, et al. **Cancer** 1985 Aug 1; 56(3):490–4

Evaluation of the immune responsiveness in laryngeal cancer patients with specific and aspecific tests: first results of follow-up in 80 cases. Cortesina G, et al. **G Batteriol Virol Immunol** 1983 Jul–Dec;76(7–12):173–86

Tumor antigens and immune complexes in laryngeal cancer. Krajina Z, et al. **ORL J Otorhinolaryngol Relat Spec** 1985; 47(3):119–22

[Evaluation of the immune response in patients with laryngeal cancer using specific and nonspecific tests: initial results of a follow-up in 80 cases] Cortesina G, et al. **Acta Otorhinolaryngol Ital** 1985 Jan–Feb;5(1):7–18 (Eng. Abstr.) **(Ita)**

[The changes in antibody dependent cell-mediated cytotoxicity (ADCC) in cancer patients during radiotherapy––estimation by plaque assay] Ichiyanagi A. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1032–40 (Eng. Abstr.) **(Jpn)**

[Anti-tumor immunity in patients with head and neck cancer measured by leukocyte adherence inhibition test] Himi T. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):463–76 (Eng. Abstr.) **(Jpn)**

[Course of laryngeal papillomatosis in children and its various immunological parallels] Kuznetsova LS, et al. **Vestn Otorinolaringol** 1985 Jan–Feb;(1):53–5 (Eng. Abstr.) **(Rus)**

[Indices of nonspecific resistance in laryngeal cancer patients in the late period after combined treatment] Zabirov RA. **Vestn Otorinolaringol** 1984 Sep–Oct;(5):40–2 (Eng. Abstr.) **(Rus)**

METABOLISM

Activation of the cAMP-generating system by vasoactive intestinal polypeptide (VIP) in the human laryngeal malignant cell line HEp–2. Prost A, et al. **Biosci Rep** 1984 Dec;4(12):1045–50

Gamma–glutamyl transpeptidase in precancerous lesions and carcinomas of oral, pharyngeal, and laryngeal mucosa. Calderon-Solt L, et al. **Cancer** 1985 Jul 1;56(1):138–43

Calcium-binding proteins in human carcinoma cell lines. Pfyffer GE, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6632–6

[Testosterone––an etiological factor in the development of laryngeal carcinoma?] Kambič V, et al. **HNO** 1985 Mar; 33(3):115–7 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

[Microflora of the suppurative inflammatory foci in patients with laryngeal and pharyngeal cancer undergoing combined treatment for local postoperative complications] Smolianskaia AZ, et al. **Vopr Onkol** 1985;31(5):26–31 (Eng. Abstr.) **(Rus)**

MORTALITY

Laryngeal cancer in Uruguay (1958–1981). An epidemiologic study. De Stéfani E, et al. **Cancer** 1985 Jan 1;55(1):214–6

A community cancer program looks at carcinoma of the larynx. Grimes LM, et al. **J Miss State Med Assoc** 1985 Jul;26(7):187–90

[Causes of death in carcinoma of the larynx] Novák J. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):411–25 (Eng. Abstr.) **(Cze)**

[Geographical correlations in laryngeal cancer] de Stéfani E, et al. **An Otorrinolaringol Ibero Am** 1984;11(4):335–44 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Squamous cell carcinoma of the upper aerodigestive tract in nonusers of tobacco. Hodge KM, et al. **Cancer** 1985 Mar 15;55(6):1232–5

Dynamic analysis of the increasing frequency of laryngeal cancer. Fei SZ, et al. **Chin Med J [Engl]** 1985 Apr; 98(4):289–91

Cancer of the larynx, pharynx, and oesophagus in relation to alcohol and tobacco consumption among Danish brewery workers. Adelhardt M, et al. **Dan Med Bull** 1985 May;32(2):119–23

[Laryngeal papilloma in children. A review from the County of Funen over a 45-year period] Christensen PH, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1110–3 (Eng. Abstr.) **(Dan)**

[Comparative epidemiology, in Europe, of cancers related to tobacco (lung, larynx, pharynx, oral cavity)] Moulin JJ, et al. **Bull Cancer (Paris)** 1985;72(2):155–8 (Eng. Abstr.) **(Fre)**

[Incidence of esophageal cancer synchronous with upper aerodigestive tract cancers (100 cases): value of vital staining with lugol and toluidine blue] Papazian A, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):16–22 (Eng. Abstr.) **(Fre)**

[Epidemiological studies on multiple primary cancers––observations on the second primary cancers among cervical cancer and laryngeal cancer cases] Hiyama T, et al. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1499–506 (Eng. Abstr.) **(Jpn)**

[Primary malignant tumors in the lung and larynx ––a report of 37 cases] Ono R, et al. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1507–13 (Eng. Abstr.) **(Jpn)**

[Geography of the incidence of malignant laryngeal neoplasms in Katowice province 1965–1974] Zemła B. **Otolaryngol Pol** 1984;38(6):501–6 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Laryngeal blastoma. A light and electron microscopic study of a novel entity analogous to pulmonary blastoma. Eble JN, et al. **Am J Clin Pathol** 1985 Sep;84(3):378–85

Intramuscular lipoma of the larynx. Chen KT, et al. **Am J Otolaryngol** 1984 Jan–Feb;5(1):71–2

Primary combined small cell carcinoma of the larynx. Ferlito A, et al. **Am J Otolaryngol** 1985 Jul–Aug;6(4):302–8

Chondrosarcoma of the larynx: review of the literature and report of three cases. Ferlito A, et al. **Am J Otolaryngol** 1984 Sep–Oct;5(5):350–9

Laryngeal granular cell tumor in children. Har–El G, et al. **Am J Otolaryngol** 1985 Jan–Feb;6(1):32–4

Adenoid cystic carcinoma of the supraglottic larynx: report of a case and review of the literature. Stillwagon GB, et al. **Am J Otolaryngol** 1985 Jul–Aug;6(4):309–14

Chondrosarcoma of the larynx. Case report and management philosophy. Lavertu P, et al. **Ann Otol Rhinol Laryngol** 1984 Sep–Oct;93(5 Pt 1):452–6

Extramedullary plasmacytoma. Barat M, et al. **Arch Otolaryngol** 1984 Dec;110(12):820–3

Feasibility of subtotal laryngectomy based on whole–organ examination. Robbins KT, et al. **Arch Otolaryngol** 1985 Jun; 111(6):356–60

A comment on laryngeal cytology. Bichler E, et al. **Arch Otorhinolaryngol** 1985;241(2):209–11

Liposarcoma of the larynx. Allsbrook WC Jr, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):294–6

The relationship of histologic and clinical factors in laryngeal papillomatosis. Nikolaidis ET, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):24–9

Inconsistent staining of HEp–2 cells with anti–SS–A antibody [letter] Scopelitis E, et al. **Arthritis Rheum** 1984 Nov; 27(11):1318–20

Diagnosis and grading of malignancy in squamous epithelial lesions of the larynx with DNA cytophotometry. Böcking A, et al. **Cancer** 1985 Oct 1;56(7):1600–4

Extracapsular spread of carcinoma in cervical lymph nodes. Impact upon survival in patients with carcinoma of the supraglottic larynx. Snyderman NL, et al. **Cancer** 1985 Oct 1;56(7):1597–9

Parietal pleural plaques, asbestos bodies, and neoplasia. A clinical, pathologic, and roentgenographic correlation of 25 consecutive cases. Wain SL, et al. **Chest** 1984 Nov; 86(5):707–13

Carcinoid tumors of the larynx. Goldman NC, et al. **Ear Nose Throat J** 1985 Mar;64(3):130–4

Quantitative morphometry of squamous cell hyperplasia of the larynx. Olde Kalter P, et al. **J Clin Pathol** 1985 May; 38(5):489–95

Primary oat cell carcinoma of the larynx. Coakley JF. **J Laryngol Otol** 1985 Mar;99(3):301–3

Squamous cell carcinoma and liposarcoma of the larynx occurring metachronously. Narula A, et al. **J Laryngol Otol** 1985 May;99(5):509–11

Carcinoma of the larynx in a young population (with reference to other head and neck sites). Webber P. **J Laryngol Otol** 1984 Sep;98(9):901–4

Pleomorphic adenoma of the larynx. Zakzouk MS. **J Laryngol Otol** 1985 Jun;99(6):611–6

Gastric epitheloid leiomyomas, pulmonary chondroma, non–functioning metastasizing extra–adrenal paraganglioma and myxoma: a variant of Carney's triad. Report of a patient. Rüfenacht H, et al. **Klin Wochenschr** 1985 Mar 15;63(6):282–4

Carcinoid of the larynx: a report of three cases and a review of the literature. Blok PH, et al. **Laryngoscope** 1985 Jun; 95(6):715–9 (24 ref.)

Supraglottic laryngectomy: series report and analysis of results. Burstein FD, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):833–6

Lymphoepithelioma (undifferentiated carcinoma) of the laryngohypopharynx. Stanley RJ, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1077–81

Primary giant cell carcinoma of the larynx. A clinico–pathological study of four cases. Ferlito A, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(2):105–12

Chondrometaplasia of the larynx. Ferlito A, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):174–7

Carcinoid tumors of the larynx. A case study. Guerrier Y, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(3):113–8

Recurrent carcinoma of the larynx and the hypopharynx. Jacobs JR, et al. **Otolaryngol Head Neck Surg** 1980 Jul–Aug;88(4):425–33

Local morphologic changes related to laryngeal carcinoma. Resta L, et al. **Tumori** 1985 Feb 28;71(1):19–24

[Clinical aspects and pathology of chondromatous tumors of the larynx] Escher A, et al. **HNO** 1984 Jul;32(7):269–85 (Eng. Abstr.) **(Ger)**

[Prognostic significance of histologic grading in vocal cord carcinoma] Glanz H, et al. **HNO** 1985 Mar;33(3):103–11 (Eng. Abstr.) **(Ger)**

[A rapid decalcification method for the production of serial sections of the larynx] Hommerich CP, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):311–3 (Eng. Abstr.) **(Ger)**

[Synovial sarcoma of the larynx. Case report and brief review of the literature] Mohr W, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):453–6 (Eng. Abstr.) **(Ger)**

[Neuroendocrine larynx cancer of the small cell (oat cell) type. Morphologic and immunohistochemical findings and their significance for therapy] Weidauer H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):121–7 (Eng. Abstr.) **(Ger)**

[Laryngeal plasmacytoma. Observations on a clinical case] Pelizza A, et al. **Acta Biomed Ateneo Parmense** 1984; 55(5–6):303–9 (Eng. Abstr.) **(Ita)**

[Epidermoid carcinoma of the pharyngo–laryngeal area with sarcomatous–like stroma: histochemical study] Cerasoli PT, et al. **Acta Otorhinolaryngol Ital** 1984 Sep–Oct;4(5):607–18 (Eng. Abstr.) **(Ita)**

[Histopathogenesis of vocal nodules] Bogdan C, et al. **Rev Chir [Otorinolaringol]** 1984 Jul–Sep;29(3):227–30 (Eng. Abstr.) **(Rum)**

[Optimal functional result in a case of giant double–sac laryngeal chondroma developing in the thyroid cartilage] Marin I, et al. **Rev Chir [Otorinolaringol]** 1985 Apr–Jun; 30(2):129–34 (Eng. Abstr.) **(Rum)**

PHYSIOPATHOLOGY

Fibromatosis and fibrosarcoma of the larynx and pharynx in an infant. McIntosh WA, et al. **Arch Otolaryngol** 1985 Jul;111(7):478–80

PREVENTION & CONTROL

[Mass screening and early diagnosis of cancer of the upper aero–digestive tract] Steiner W. **Acta Otorhinolaryngol Ital** 1985 Jan–Feb;5(1):35–9 (Eng. Abstr.) **(Ita)**

PSYCHOLOGY

Linear analogue self–assessment of voice quality in laryngeal cancer. Llewellyn–Thomas HA, et al. **J Chronic Dis** 1984; 37(12):917–24

RADIOGRAPHY

Pulmonary manifestations of juvenile laryngotracheal papillomatosis. Kramer SS, et al. **AJR** 1985 Apr; 144(4):687-94

Medullary space involvement in laryngeal carcinoma. Computed tomographic demonstration. Silverman PM. **Arch Otolaryngol** 1985 Aug;111(8):541-2

Computed tomography in carcinoma of the larynx. Sexton CC, et al. **Australas Radiol** 1984 Nov;28(4):330-4

Computed tomography of the neck. Gayler BW, et al. **CRC Crit Rev Diagn Imaging** 1985;23(4):319-76 (62 ref.)

CT diagnosis of laryngeal cricoid chondrosarcoma. Goiney RC, et al. **J Can Assoc Radiol** 1984 Dec;35(4):404-5

Bone marrow expansion of the thyroid cartilage: a source of confusion with malignant invasion in CT studies. Kavanagh KT, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):177-9

The neck after total laryngectomy: CT study. DiSantis DJ, et al. **Radiology** 1984 Dec;153(3):713-7

[Computer tomography in laryngeal diseases] Betka J, et al. **Cesk Otolaryngol** 1985 Jul;34(4):212-5 (Eng. Abstr.) **(Cze)**

[Contribution of computer tomography to increasing the accuracy of laryngeal cancer diagnosis] Steinhart L, et al. **Cesk Radiol** 1985 Jan;39(1):1-8 (Eng. Abstr.) **(Cze)**

[X-ray computed tomography: examination of choice in cervicofacial pathology? Radio-anatomical correlation. Imagery of the chosen cases] Remacle M, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):499-507 (Eng. Abstr.) **(Fre)**

[X-ray computed tomography in pharyngolaryngeal tumors. Role in pretherapeutic evaluation and monitoring after treatment] Stines J, et al. **Ann Radiol (Paris)** 1984 Nov; 27(7):635-41 (Eng. Abstr.) **(Fre)**

[Use of computed tomography in the diagnosis of malignant tumors of the hypopharynx and larynx] Bähren W. **HNO** 1985 Mar;33(3):97-102 (Eng. Abstr.) **(Ger)**

[Computerized tomography in the study of malignant tumors of the larynx] Di Guglielmo L, et al. **Radiol Med (Torino)** 1984 May;70(5):294-303 (Eng. Abstr.) **(Ita)**

[Esophago-hypopharyngeal barium study with laryngo-hypopharyngeal discomfort--usefulness of rapid sequence camera] Tanaka M, et al. **Rinsho Hoshasen** 1984 May;29(5):565-70 (Eng. Abstr.) **(Jpn)**

[Possibilities of computerized tomography in the diagnosis of laryngopharyngeal cancer] Nummaev GM, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):50-3 (Eng. Abstr.) **(Rus)**

[Laryngeal localization of a multiple myeloma. A clinical case] Otero Gómez-Quintero M, et al. **An Otorrinolaringol Ibero Am** 1985;12(1):5-18 (Eng. Abstr.) **(Spa)**

RADIOTHERAPY

A therapeutic approach to early vocal cord carcinoma. Amornmarn R, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug; 24(4):321-5

Carcinoma of the larynx. Series of 410 patients treated primarily with 60Co irradiation. Jørgensen K, et al. **Acta Radiol [Oncol]** 1984;23(5):321-30

Results of radiation therapy in carcinoma of the larynx. Skołyszewski J, et al. **Acta Radiol [Oncol]** 1984;23(6):415-20

Radiation treatment of laryngeal carcinoma with special reference to CRE values. Underskog I, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):227-32

Radiation treatment of lateral epilaryngeal cancer. Prognostic factors and results. Bataini JP, et al. **Am J Clin Oncol** 1984 Dec;7(6):641-5

Radiation therapy treatment of larynx cancers. Hendrickson FR. **Cancer** 1985 May 1;55(9 Suppl):2058-61

The Patterns of Care Outcome Studies: results of the National practice in carcinoma of the larynx. Lustig RA, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2357-62

Squamous cell carcinoma of the supraglottic larynx treated with radical irradiation: analysis of treatment parameters and results. Mendenhall WM, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2223-30

The influence of field size, treatment modality, commissure involvement and histology in the treatment of early vocal cord cancer with irradiation. Olszewski SJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1333-7

The enigma of post-radiation oedema and residual or recurrent carcinoma of the larynx and pyriform fossa. Bahadur S, et al. **J Laryngol Otol** 1985 Aug;99(8):763-5

Recurrences after irradiation in early vocal cord cancer with literature review. Jose B, et al. **J Surg Oncol** 1984 Dec; 27(4):224-7

Planned preoperative radiation therapy vs. definitive radiotherapy for advanced laryngeal carcinoma. Kazem I, et al. **Laryngoscope** 1984 Oct;94(10):1355-8

Are postoperative complications more frequent and more serious after irradiation for laryngeal and hypopharyngeal cancer? Van den Bogaert W, et al. **Radiother Oncol** 1984 Jun;2(1):31-6

The different clinical presentation, behaviour and prognosis of carcinomas originating in the epilarynx and the lower supraglottis. Van den Bogaert W, et al. **Radiother Oncol** 1983 Nov;1(2):117-31

[Epidermoid carcinoma of the respiratory-digestive tract in women (excluding the esophagus)] Panis X, et al. **J Fr Otorhinolaryngol** 1984 Sep;33(7):321-5 (Eng. Abstr.) **(Fre)**

[Radiotherapy of supraglottic cancers. Report on 84 patients] Notter G, et al. **HNO** 1984 Nov;32(11):460-6 (Eng. Abstr.) **(Ger)**

[Echotomography in the control of laryngectomized patients with post-radiation fibrosis of soft tissues] Turetta G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):69-74 (Eng. Abstr.) **(Ita)**

[Radiation therapy of early glottic cancer] Hayakawa K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20; 19(9):2069-74 (Eng. Abstr.) **(Jpn)**

[Radiotherapy of laryngeal cancer] Mikuriya S, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):122-8 (Eng. Abstr.) **(Jpn)**

[Results of studies on head and neck cancer. 2. Application of the guideline proposed by Japan Society of Head and Neck Tumor] Inoue T, et al. **Rinsho Hoshasen** 1984 May; 29(5):583-7 (Eng. Abstr.) **(Jpn)**

[State of the liver after radiotherapy of cancer of the stomach and larynx with metronidazole radiosensitization] D'iakova AM, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):49-54 (Eng. Abstr.) **(Rus)**

[Morphology of laryngeal cancer in radiotherapy combined with the use of metronidazole] Lushnikov EF, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):25-32 (Eng. Abstr.) **(Rus)**

[Teleradiotherapy of laryngeal cancer using a gas hypoxic mixture (GHM-10)] Mardynskii IuS, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):11-5 (Eng. Abstr.) **(Rus)**

[Radiation and chemoradiation therapy of malignant laryngopharyngeal tumors] Morozov AI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):15-8 (Eng. Abstr.) **(Rus)**

[Radiation therapy with local UHF hyperthermia in the late stages of laryngeal cancer] Tsyganov AI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):18-21 (Eng. Abstr.) **(Rus)**

[Radiotherapeutic treatment of tumors of the larynx] Esco R, et al. **Rev Esp Oncol** 1983;30(1):41-56 (37 ref.) (Eng. Abstr.) **(Spa)**

REHABILITATION

Voice quality and intelligibility characteristics of the reconstructed larynx and pseudolarynx. Rizer FM, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):635-8

[Current technics for reestablishing the cervical digestive tract after circular pharyngo-laryngectomy] Petriat B, et al. **An Otorrinolaringol Ibero Am** 1985;12(1):65-74 (Eng. Abstr.) **(Fre)**

[Phonosurgical treatments following total laryngectomy and post-operative vocal function] Hirano M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):950-5 (Eng. Abstr.) **(Jpn)**

[Rehabilitation of patients with laryngeal cancer after fronto-lateral resections with endoprosthesis] Ol'shanskii VO, et al. **Vopr Onkol** 1985;31(4):89-92 (Eng. Abstr.) **(Rus)**

SECONDARY

Palliative laser surgery for melanoma metastatic to the larynx: report of two cases. Morgan AH, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):794-7

Uterine carcinoma metastatic to the larynx. Ritchie WW, et al. **Laryngoscope** 1985 Jan;95(1):97-8

[Nuclear magnetic tomography in cervical lymph node swellings] Vogl T, et al. **Digitale Bilddiagn** 1984 Sep; 4(3):132-4 (Eng. Abstr.) **(Ger)**

[Invasion of thyroid gland tumors in the larynx and trachea] Sebastian B, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar; 64(3):128-32 (Eng. Abstr.) **(Ger)**

SURGERY

Reconstructive operations of combined laryngeal and tracheal disorders. Avilova OM, et al. **Acta Chir Plast (Prague)** 1985;27(1):1-9

Extent of partial laryngectomies. Krajina Z. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):224-8

Late problems after pharyngolaryngoesophagectomy and pharyngogastric anastomosis for cancer of the larynx and hypopharynx. Wei WI, et al. **Am J Surg** 1984 Oct; 148(4):509-13

Management of stage T3 and T4 glottic carcinomas. Yuen A, et al. **Am J Surg** 1984 Oct;148(4):467-72

Vocal function following carbon dioxide laser surgery for glottic carcinoma. Hirano M, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):232-5

Conservation laryngeal surgery. A critical analysis. Maceri DR, et al. **Arch Otolaryngol** 1985 Jun;111(6):361-5

Complications of Venturi jet ventilation during microlaryngeal surgery. O'Sullivan TJ, et al. **Arch Otolaryngol** 1985 Feb;111(2):127-31

Neoglottic reconstruction following total laryngectomy. Tanabe M, et al. **Arch Otolaryngol** 1985 Jan;111(1):39-42

A controlled pharyngostome following salvage laryngectomy after failed radiotherapy. Komisar A, et al. **Ear Nose Throat J** 1985 May;64(5):246-8

The treatment of early (T1) glottic and supra-glottic carcinoma: does partial laryngectomy have a place? Stell PM, et al. **Eur J Surg Oncol** 1985 Sep;11(3):263-6

A study of whole organ cancerous larynges to determine resectability by conservation surgery. Robbins KT, et al. **Head Neck Surg** 1984 Oct;7(1):2-7

Social work with laryngectomees. Dhooper SS. **Health Soc Work** 1985 Summer;10(3):217-27

Combined surgery and postoperative radiation therapy for advanced laryngeal and hypopharyngeal carcinomas. Mirimanoff RO, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):499-504

Results of salvage surgery following radical radiotherapy for laryngeal carcinoma. Shamboul K, et al. **J Laryngol Otol** 1984 Sep;98(9):905-7

Near-total laryngectomy with myo-mucosal valved neoglottis. Singh W, et al. **J Laryngol Otol** 1985 Jun; 99(6):581-8

Cryotherapy of subglottic hemangioma. Adzick NS, et al. **J Pediatr Surg** 1984 Aug;19(4):353-7

Current trends in voice conservation and restoration surgery. Cunningham CD, et al. **J SC Med Assoc** 1984 Aug; 80(8):413-5

Conservation surgery for cancer of the larynx in the elderly. Alajmo E, et al. **Laryngoscope** 1985 Feb;95(2):203-5

The role of supraomohyoid neck dissection at the time of supraglottic laryngectomy. Baredes S, et al. **Laryngoscope** 1985 Feb;95(2):151-5

Supraglottic laryngectomy: series report and analysis of results. Burstein FD, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):833-6

Epiglottic reconstruction after supraglottic laryngectomy. Calcaterra TC. **Laryngoscope** 1985 Jul;95(7 Pt 1):786-9

T3 glottic cancer: options and consequences of the options. DeSanto LW. **Laryngoscope** 1984 Oct;94(10):1311-5

Complications of laser surgery for laryngeal papillomatosis. Wetmore SJ, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):798-801

Conservation surgery of the larynx. Biller HF. **Mt Sinai J Med (NY)** 1985 Mar;52(3):191-2

A one-stage flap reconstruction following resection for stomal recurrence. Biller HF, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):357-60

Conservation surgery for laryngeal pseudosarcoma. Leuszler RW, et al. **Otolaryngol Head Neck Surg** 1984 Aug; 92(4):480-4

Improved survival associated with postoperative wound infection in laryngeal cancer: an analysis of its therapeutic implications. Schantz SP, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):412-7

Pharyngo-oesophageal reconstruction with the pectoralis major myocutaneous flap. Joseph CA, et al. **S Afr J Surg** 1985 Jun;23(2):67-9

CO2 laser surgery of the upper airway. Keane WM, et al. **Surg Clin North Am** 1984 Oct;64(5):955-71 (19 ref.)

[Long term results of total laryngectomy in laryngeal cancer--report on 525 cases] Fei SZ. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):45-8 (Eng. Abstr.) **(Chi)**

[Results of the treatment of carcinoma of the larynx--report on 100 cases] Zhu SC. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):49-51 (Eng. Abstr.) **(Chi)**

[Vertical partial laryngectomy] Croll GA, et al. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):445-9 (Eng. Abstr.) **(Dut)**

[Controlled trial and cost/efficacy evaluation of the prevention of infectious complications in surgery of cancers of the upper aerodigestive tract with peri-operative cefoxitin] Renaud-Salis JL, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(3):179-82 (Eng. Abstr.) **(Fre)**

[Reconstructive anterior frontal laryngectomy. Tucker's operation] Pech A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):255-60 (Eng. Abstr.) **(Fre)**

[Results of the surgical treatment of glottic cancers] Piquet JJ, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):261-3 (Eng. Abstr.) **(Fre)**

[Calearo's operation or translaryngeal glottic operation. Surgical principles and functional results. Preliminary study] Traissac L, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):267-9 (Eng. Abstr.) **(Fre)**

[Rehabilitation following laryngectomy from the viewpoint of the affected patients] Bremerich A, et al. **HNO** 1985 May;33(5):220-3 (Eng. Abstr.) **(Ger)**

[Glottoplasty--a new method of surgical voice rehabilitation] Herrmann IF, et al. **HNO** 1984 Jul;32(7):294-301 (Eng. Abstr.) **(Ger)**

[Voice rehabilitation following laryngectomy by the Gronigen prosthesis] Manni JJ, et al. **HNO** 1985 May; 33(5):216-9 (Eng. Abstr.) **(Ger)**

[Partial resection of laryngeal cancer. Follow-up study of 133 patients from 1961 to 1975] Weerda H, et al. **HNO** 1984 Sep;32(9):388-92 (Eng. Abstr.) **(Ger)**

[How good is the esophageal voice?] Brusis T, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):585-8 (Eng. Abstr.) **(Ger)**

[Long-term surgical results in cancer of the larynx] Calearo C, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct; 4(5):587-98 (Eng. Abstr.) **(Ita)**

['T' method laryngectomy] De Vincentiis M, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):395-405 (Eng. Abstr.) **(Ita)**

[CO2 laser in treating head and neck cancer] Hirano M, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):673-8 (Eng. Abstr.) **(Jpn)**

[Anesthetic management of a patient with multiple tumors of the larynx and bronchus] Taniguchi K, et al. **Masui** 1984 Oct;33(10):1150-2 (Eng. Abstr.) **(Jpn)**

[Specificity of 60 cases of subglottic carcinoma and laryngeal carcinoma extending to the subglottic region] Sato F, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):813-6 (Eng. Abstr.) **(Jpn)**

[Laryngeal papilloma--10 years' therapeutic experience at the Warsaw Otolaryngological Clinic 1974-1983] Sonnenberg Z, et al. **Pol Tyg Lek** 1984 May 14;39(20):672-5 (Eng. Abstr.) **(Pol)**

[Potentials and limits in laryngeal cancer surgery] Hociotă D, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar; 30(1):1-17 (Eng. Abstr.) **(Rum)**

[Mucoepidermoid tumor of the larynx] Boikov VP, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):63-4 **(Rus)**

[Surgical rehabilitation of laryngeal function using an endoprosthesis following resection for stage III cancer] Ol'shanskiĭ VO, et al. **Vestn Otorinolaringol** 1984 Nov-Dec; (6):56-60 (Eng. Abstr.) **(Rus)**

[Laryngeal adenoma in a child] Selin VN. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):60-1 **(Rus)**

[Clinico-roentgenological evaluation of the state of the resected larynx] Demidov VP, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):56-60 (Eng. Abstr.) **(Rus)**

[Leukoplakia of the larynx--a precancerous condition] Nikolić L, et al. **Med Pregl** 1984;37(3-4):113-5 (Eng. Abstr.) **(Scr)**

[Precancerous diseases of the larynx] Mitrović M, et al. **Zb Vojnomed Akad** 1983;25:45-7 (Eng. Abstr.) **(Scr)**

THERAPY

Treatment of recurrent respiratory papillomatosis with interferon. Sessions RB, et al. **Ear Nose Throat J** 1984 Oct; 63(10):488-93

Carcinoma in situ of the larynx. Maran AG, et al. **Head Neck Surg** 1984 Oct;7(1):28-31

Advanced supraglottic carcinoma: a comparative study of sequential treatment policies. Seiden AM, et al. **Head Neck Surg** 1984 Oct;7(1):22-7

Treatment of infantile subglottic hemangioma. A report of 49 cases. Narcy P, et al. **Int J Pediatr Otorhinolaryngol** 1985 Jul;9(2):157-64

Adjuvant Corynebacterium parvum immunotherapy for squamous cell epitheliomas of the oral cavity, pharynx, and larynx. Neifeld JP, et al. **J Surg Oncol** 1985 Feb; 28(2):137-45

Interferon therapy in juvenile laryngeal papillomatosis. Lundquist PG, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):386-91

[Tumors and vascular malformations of the larynx. Angiographic aspects and therapeutic indications] Klap P, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):579-83 (Eng. Abstr.) **(Fre)**

[Effect of alpha-leukocyte interferon on laryngeal papillomatosis in children] Vacher S, et al. **Presse Med** 1985 Jun 15;14(24):1317-8 (Eng. Abstr.) **(Fre)**

[Initial experiences with simultaneous combined radiation and cytostatic chemotherapy in the modification of intractable pain by inoperable tumor growth in the ENT area] Abresch HL, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar; 64(3):136-8 (Eng. Abstr.) **(Ger)**

[Interferon in the treatment of recurrent laryngeal papillomas] Lenarčić-Cepelja I, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):401-2 (Eng. Abstr.) **(Ger)**

[Treatment of laryngeal hemangiomas in children] Sebastian B, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):403-7 (Eng. Abstr.) **(Ger)**

[Critical review of the therapy of juvenile laryngeal papillomas] Wolters B, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):396-400 (87 ref.) (Eng. Abstr.) **(Ger)**

[Biology of tumor behavior and curative primary therapy of ORL neoplasms] Jakse R, et al. **Onkologie** 1984 Oct; 7(5):293-6 (Eng. Abstr.) **(Ger)**

[Cancer of the larynx] Ophir D, et al. **Harefuah** 1985 Mar 1;108(5):245-9 (Eng. Abstr.) **(Heb)**

[Radiochemotherapy of head and neck cancers: dose reduction through the combination of cisplatin, bleomycin and tegafur] Mishina H, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):947-50 (Eng. Abstr.) **(Jpn)**

[Successful combined treatment of thyroid lymphoma with neoplastic infiltration of the larynx and pharynx] Szmeja Z, et al. **Otolaryngol Pol** 1984;38(4):337-41 (Eng. Abstr.) **(Pol)**

[The results of metronidazole use in radiation and combined treatment of patients with laryngeal cancer] Andreev VG, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):20-5 (Eng. Abstr.) **(Rus)**

[Combined (radiation and surgical) treatment of laryngeal cancer patients using metronidazole] Andreev VG. **Med Radiol (Mosk)** 1985 Aug;30(8):6-10 (Eng. Abstr.) **(Rus)**

[Effectiveness of radiotherapy and chemoradiotherapy of disseminated laryngeal cancer] Borisevich NV, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):30-5 (Eng. Abstr.) **(Rus)**

[Clinico-biochemical evaluation of the reaction of the bodies of patients with cancer of the larynx to preoperative radiotherapy conducted in different oxygenation regimes] Zel'vin BM, et al. **Vestn Otorinolaringol** 1984 Nov-Dec; (6):66-9 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Ultrastructural features of the adult laryngeal papilloma. Horn T, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun; 99(5-6):649-54

The role of scanning electron microscopy in the diagnosis of human laryngeal cancer. Surján L Jr, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):236-8

An immunohistochemical and electron-microscopic study of vascular endothelial cells in vocal fold polyps. Frenzel H, et al. **Arch Otorhinolaryngol** 1985;241(3):271-8

Tubuloreticular structures in laryngeal carcinoma. Schenk P. **Arch Otorhinolaryngol** 1984;241(1):65-74

Laryngeal neuroendocrine tumour with features of a paraganglioma, intracytoplasmic lumina and acinar formation. Spagnolo DV, et al. **Histopathology** 1985 Jan; 9(1):117-31

Primary myxoid liposarcoma of the larynx. Gaynor EB, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):476-80

[Ultrastructure of pseudotumorous, pretumorous and tumorous formations in the larynx] Teodor IL, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):62-5 (Eng. Abstr.) **(Rus)**

VETERINARY

Laryngeal oncocytoma in two dogs. Mays MB. **J Am Vet Med Assoc** 1984 Sep 15;185(6):677-9

Laryngeal carcinoma in a cat. Wheeldon EB, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):80-1

LARYNGEAL NERVES

A method for intraoperative identification of the recurrent laryngeal nerve. Woltering EA, et al. **Am J Surg** 1984 Oct; 148(4):438-40

[Peripheral neurogenic syndrome of the larynx. Retrospective statistical study of 150 cases] Dejonckere PH. **Acta Otorhinolaryngol Belg** 1984;38(5):458-63 (Eng. Abstr.) **(Fre)**

ANATOMY & HISTOLOGY

Substance P nerve fibres in the canine larynx by PAP immunohistochemistry. Hisa Y, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):128-33

The nerve loops crossing below the subclavian artery and their anatomical variations. Caliot P, et al. **Anat Clin** 1984; 6(3):209-13

Distribution of motoneurons in the brain stem of monkeys, innervating the larynx. Yoshida Y, et al. **Brain Res Bull** 1984 Sep;13(3):413-9

Topographic anatomy of the external branch of the superior laryngeal nerve. Its importance in head and neck surgery. Kambič V, et al. **J Laryngol Otol** 1984 Nov;98(11):1121-4

Central projection of the sensory component of the rat recurrent laryngeal nerve. Hisa Y, et al. **Neurosci Lett** 1985 Apr 9;55(2):185-90

A simple method for identifying and testing the recurrent laryngeal nerve. James AG, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):185-6

DRUG EFFECTS

Responses of recurrent laryngeal, hypoglossal, and phrenic nerves to increasing depths of anesthesia with halothane or enflurane in vagotomized cats. Nishino T, et al. **Anesthesiology** 1985 Oct;63(4):404-9

[The effect of drugs on laryngeal resistance and motor neuron activity in the recurrent nerve in the cat] Stránsky A, et al. **Bratisl Lek Listy** 1985 May;83(5):573-83 (Eng. Abstr.) **(Slo)**

EMBRYOLOGY

Effect of hypoxia on the excitability of two cranial reflexes in unanaesthetized fetal sheep. Walker DW, et al. **J Dev Physiol** 1984 Oct;6(5):387-99

INJURIES

Recurrent laryngeal nerve palsy in thyroid gland surgery related to operations and nerves at risk. Mårtensson H, et al. **Arch Surg** 1985 Apr;120(4):475-7

Voice changes after thyroidectomy: role of the external laryngeal nerve. Kark AE, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1412-5

PHYSIOLOGY

Regulatory mechanisms of the phasic respiratory activity in cricothyroid muscle. Dejonckere PH, et al. **Acta Otorhinolaryngol Belg** 1984;38(6):579-85

Response characteristics of three taste nerves in mice. Shingai T, et al. **Brain Res** 1985 Jun 3;335(2):245-9

The laryngeal sensory pathway and its role in phonation. A brain lesioning study in the squirrel monkey. Jürgens U, et al. **Exp Brain Res** 1985;59(1):118-24

Identification of the medullary swallowing regions in the rat. Kessler JP, et al. **Exp Brain Res** 1985;57(2):256-63

Properties of a sympatho-inhibitory and vasodilator reflex evoked by superior laryngeal nerve afferents in the cat. Bachoo M, et al. **J Physiol (Lond)** 1985 Jul;364:183-98

Laryngeal receptors responding to respiratory events. Sant'Ambrogio G, et al. **Prog Clin Biol Res** 1985;176:171-82

Respiratory afferent activity in the superior laryngeal nerves. Mathew OP, et al. **Respir Physiol** 1984 Oct;58(1):41-50

Laryngeal cold receptors. Sant'Ambrogio G, et al. **Respir Physiol** 1985 Jan;59(1):35-44

[Modulation of reflex discharges in the respiratory nerves of the cat upon stimulation of superior laryngeal afferents] D'iachenko IuE, et al. **Neirofiziologiia** 1984;16(4):553-7 (Eng. Abstr.) **(Rus)**

[Functional differentiation of afferents of the superior laryngeal nerve in the cat] D'iachenko IuE, et al. **Neirofiziologiia** 1984;16(6):777-83 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Left recurrent laryngeal nerve palsy associated with primary pulmonary hypertension and patent ductus arteriosus. Nakao M, et al. **J Am Coll Cardiol** 1985 Mar;5(3):788-92

SURGERY

Studies of early laryngeal reinnervation. Chang SY. **Laryngoscope** 1985 Apr;95(4):455-7

Clinician reliability in rating voice improvement after laryngeal nerve section for spastic dysphonia. Sapir S, et al. **Laryngoscope** 1985 Feb;95(2):200-2

ULTRASTRUCTURE

Morphometric analysis of glomus cells within the recurrent laryngeal nerve of the rat. Dahlqvist A, et al. **J Neurocytol** 1984 Jun;13(3):407-16

LARYNGEAL PARALYSIS see **VOCAL CORD PARALYSIS**

LARYNGEAL PERICHONDRITIS

ETIOLOGY

Laryngeal perichondritis and abscess. Souliere CR Jr, et al. **Arch Otolaryngol** 1985 Jul;111(7):481-4

LARYNGEAL PROSTHESIS see **LARYNX, ARTIFICIAL**

LARYNGECTOMY

see related
SPEECH, ALARYNGEAL

Esophageal lesions after total laryngectomy. Gibbons RG, et al. **AJR** 1985 Jun;144(6):1197-200

A pediatric face mask can be a useful aid in lung ventilation on postlaryngectomy patients [letter] Aghdami A, et al. **Anesthesiology** 1985 Sep;63(3):335

Subcutaneous left colon reconstruction following pharyngo-laryngectomy [letter] **Ann R Coll Surg Engl** 1985 Mar;67(2):133-4

Subcutaneous left colon reconstruction following pharyngo-laryngectomy. Hennessy TP, et al. **Ann R Coll Surg Engl** 1984 Sep;66(5):344-5

Replacement of the pharynx after pharyngolaryngectomy [letter] Simms MH, et al. **Ann R Coll Surg Engl** 1985 Mar; 67(2):135-6

Replacement of the pharynx after pharyngolaryngectomy. Stell PM. **Ann R Coll Surg Engl** 1984 Nov;66(6):388-90

Coronary artery bypass in patients with total laryngectomy. Kaiser LR, et al. **Ann Thorac Surg** 1985 May;39(5):481-2

Tracheal stoma reconstruction. Panje WR, et al. **Arch Otolaryngol** 1985 Mar;111(3):190-2

Smoking habits after laryngectomy. Himbury S, et al. **Br Med J [Clin Res]** 1985 Aug 24;291(6494):514-5

Isolation and characterization of tracheobronchial mucin from a laryngectomee. Tabak LA, et al. **Carbohydr Res** 1984 Dec 15;135(1):117-28

A physiologic assessment of upper airway function following hemilaryngectomy. Myer CM 3d, et al. **Ear Nose Throat J** 1984 Sep;63(9):428-31

Tracheostomal stenosis following total laryngectomy. Balle VH, et al. **J Laryngol Otol** 1985 Jun;99(6):577-80

Skin grafting of the anterior stomach wall following pharyngo-gastric anastomosis. Howard DJ, et al. **J Laryngol Otol** 1985 Mar;99(3):273-6

Speech production after laryngectomy: discussion paper. Priest A. **J R Soc Med** 1984 Dec;77(12):1020-2

Electrolaryngeal speech produced by laryngectomized subjects: perceptual characteristics. Weiss MS, et al. **J Speech Hear Res** 1985 Jun;28(2):294-300

The role of supraomohyoid neck dissection at the time of supraglottic laryngectomy. Baredes S, et al. **Laryngoscope** 1985 Feb;95(2):151-5

Planned preoperative radiation therapy vs. definitive radiotherapy for advanced laryngeal carcinoma. Kazem I, et al. **Laryngoscope** 1984 Oct;94(10):1355-8

Primary tracheoesophageal fistula formation for feeding and voice rehabilitation. Shagets FW, et al. **Laryngoscope** 1985 Aug;95(8):1001-3

Improved survival associated with postoperative wound infection in laryngeal cancer: an analysis of its therapeutic implications. Schantz SP, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):412-7

The neck after total laryngectomy: CT study. DiSantis DJ, et al. **Radiology** 1984 Dec;153(3):713-7

[Closure of the neoglottis phonatoria in deglutition] Hybášek I. **Cesk Otolaryngol** 1984 Jun;33(3):147-50 (Eng. Abstr.)

(Cze)

[Use of the Shapiro vocal button in total pharyngolaryngo-esophagectomy with digestive transposition] Van den Eeckhaut J, et al. **Acta Otorhinolaryngol Belg** 1984;38(4):386-90 **(Fre)**

[Partial pharyngo-laryngectomy with subtotal esophagectomy and 1-stage coloplasty] Saint Guily JL, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):309-10 (Eng. Abstr.) **(Fre)**

[Experiences with the Blom-Singer prosthesis following Blom-Singer puncture and following functionally disordered neoglottis phonatria] Herrmann IF, et al. **HNO** 1984 Jul;32(7):286-93 (Eng. Abstr.) **(Ger)**

[Voice rehabilitation following laryngectomy by the Gronigen prosthesis] Manni JJ, et al. **HNO** 1985 May; 33(5):216-9 (Eng. Abstr.) **(Ger)**

[Phonosurgical treatments following total laryngectomy and post-operative vocal function] Hirano M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Aug;87(8):950-5 (Eng. Abstr.) **(Jpn)**

[Clinico-roentgenological evaluation of the state of the resected larynx] Demidov VP, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):56-60 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Aspiration in head and neck surgical patients. Logemann JA. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):373-6

Pharyngocutaneous fistulae following laryngectomy. Mendelsohn MS, et al. **Aust NZ J Surg** 1985 Apr; 55(2):177-9

The nose after laryngectomy. Moore-Gillon V. **J R Soc Med** 1985 Jun;78(6):435-9

Tracheal stomal stenosis: a new prosthetic technique for postoperative stenting in post-laryngectomy stomal revision and in permanent tracheostomy. Schweitzer VG, et al. **Larynguscope** 1985 Jun;95(6):736-7

[Functional complications following supraglottal laryngectomy] Stell PM, et al. **HNO** 1984 Sep;32(9):385-7 (Eng. Abstr.) **(Ger)**

[A smelling prosthesis for laryngectomized patients] Brusis T. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):309-10 (Eng. Abstr.) **(Ger)**

[The laryngeal lumen after functional resection with endoprosthesis] Pogosov VS, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):48-50 (Eng. Abstr.) **(Rus)**

[Bronchial foreign body in a patient with a history of laryngectomy] Svirskii RP, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):73 **(Rus)**

METHODS

Extent of partial laryngectomies. Krajina Z. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):224-8

Primary voice restoration at laryngectomy. Hamaker RC, et al. **Arch Otolaryngol** 1985 Mar;111(3):182-6

Conservation laryngeal surgery. A critical analysis. Maceri DR, et al. **Arch Otolaryngol** 1985 Jun;111(6):361-5

Feasibility of subtotal laryngectomy based on whole-organ examination. Robbins KT, et al. **Arch Otolaryngol** 1985 Jun; 111(6):356-60

A controlled pharyngostome following salvage laryngectomy after failed radiotherapy. Komisar A, et al. **Ear Nose Throat J** 1985 May;64(5):246-8

The treatment of early (T1) glottic and supra-glottic carcinoma: does partial laryngectomy have a place? Stell PM, et al. **Eur J Surg Oncol** 1985 Sep;11(3):263-6

A study of whole organ cancerous larynges to determine resectability by conservation surgery. Robbins KT, et al. **Head Neck Surg** 1984 Oct;7(1):2-7

Reconstructive laryngectomy. Alajmo E, et al. **J Laryngol Otol** 1985 May;99(5):463-70

Near-total laryngectomy with myo-mucosal valved neoglottis. Singh W, et al. **J Laryngol Otol** 1985 Jun; 99(6):581-8

Supraglottic laryngectomy: series report and analysis of results. Burstein FD, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):833-6

Epiglottic reconstruction after supraglottic laryngectomy. Calcaterra TC. **Laryngoscope** 1985 Jul;95(7 Pt 1):786-9

T3 glottic cancer: options and consequences of the options. DeSanto LW. **Laryngoscope** 1984 Oct;94(10):1311-5

Immediate reconstruction after total laryngopharyngoesophagectomy and mediastinal dissection. Krespi YP, et al. **Laryngoscope** 1985 Feb; 95(2):156-61

Conservation surgery of the larynx. Biller HF. **Mt Sinai J Med (NY)** 1985 Mar;52(3):191-2

[Long term results of total laryngectomy in laryngeal cancer--report on 525 cases] Fei SZ. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):45-8 (Eng. Abstr.) **(Chi)**

[Results of the treatment of carcinoma of the larynx--report on 100 cases] Zhu SC. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):49-51 (Eng. Abstr.) **(Chi)**

[Vertical partial laryngectomy] Croll GA, et al. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):445-9 (Eng. Abstr.) **(Dut)**

[Total circular pharyngolaryngectomy. A method of reconstruction with a free forearm skin flap] Pech A, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):535-40 (Eng. Abstr.) **(Fre)**

[Reconstructive anterior frontal laryngectomy. Tucker's operation] Pech A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):255-60 (Eng. Abstr.) **(Fre)**

[Glottoplasty--a new method of surgical voice rehabilitation] Herrmann IF, et al. **HNO** 1984 Jul;32(7):294-301 (Eng. Abstr.) **(Ger)**

[Long-term surgical results in cancer of the larynx] Calearo C, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct; 4(5):587-98 (Eng. Abstr.) **(Ita)**

['T' method laryngectomy] De Vincentiis M, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):395-405 (Eng. Abstr.) **(Ita)**

[Transepiglottic pharyngolaryngotomy] Hirano M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):603-6 (Eng. Abstr.) **(Jpn)**

[Microlaryngoscopy and microsurgery of the larynx] Sonnenberg Z, et al. **Wiad Lek** 1985 Apr 1;38(7):500-7 (Eng. Abstr.) **(Pol)**

[Partial pharyngo-laryngectomy in the treatment of isolated stenosis of the hypopharynx] Nikolić L, et al. **Med Pregl** 1985;38(1-2):51-3 (Eng. Abstr.) **(Scr)**

REHABILITATION

Neoglottic reconstruction following total laryngectomy. Tanabe M, et al. **Arch Otolaryngol** 1985 Jan;111(1):39-42

Long-term results of the Blom-Singer speech rehabilitation procedure. Wetmore SJ, et al. **Arch Otolaryngol** 1985 Feb; 111(2):106-9

Social work with laryngectomees. Dhooper SS. **Health Soc Work** 1985 Summer;10(3):217-27

Neoglottis phonatoria. 106 cases of a one-stage surgical procedure for vocal rehabilitation after laryngectomy. Pardiwala H, et al. **J Laryngol Otol** 1984 Dec;98(12):1231-5

Speech production after laryngectomy [letter] **J R Soc Med** 1985 Jun;78(6):509-11

Laryngectomee study: clinical and radiologic correlates of esophageal voice. Daou RA, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):628-34

Tracheoesophageal puncture for voice restoration: modification of the Blom-Singer technique. Ossoff RH, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):418-23

Voice quality and intelligibility characteristics of the reconstructed larynx and pseudolarynx. Rizer FM, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):635-8

[Functional tracheo-esophageal shunt for vocal rehabilitation after laryngectomy] Li SL. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):41-4 (Eng. Abstr.) **(Chi)**

[Vocal retraining following partial laryngectomy] Demard D, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):415-7 (Eng. Abstr.) **(Fre)**

[Experiences with phoniatric rehabilitation in patients with a Staffieri neoglottis phonatoria] Unger E, et al. **Folia Phoniatr (Basel)** 1985;37(1):44-7 (Eng. Abstr.) **(Ger)**

[Rehabilitation following laryngectomy from the viewpoint of the affected patients] Bremerich A, et al. **HNO** 1985 May;33(5):220-3 (Eng. Abstr.) **(Ger)**

[Finger-free speech following total laryngectomy. Instrumentation and technic of surgical voice rehabilitation] Herrmann IF, et al. **HNO** 1985 Mar; 33(3):124-9 (Eng. Abstr.) **(Ger)**

[How good is the esophageal voice?] Brusis T, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):585-8 (Eng. Abstr.) **(Ger)**

[Electromyographic examination of an artificial larynx after laryngectomy] Pruszewicz A, et al. **Otolaryngol Pol** 1984; 38(5):447-52 (Eng. Abstr.) **(Pol)**

[Surgical rehabilitation of laryngeal function using an endoprosthesis following resection for stage III cancer] Ol'shanskii VO, et al. **Vestn Otorinolaringol** 1984 Nov-Dec; (6):56-60 (Eng. Abstr.) **(Rus)**

TRENDS

Current trends in voice conservation and restoration surgery. Cunningham CD, et al. **J SC Med Assoc** 1984 Aug; 80(8):413-5

LARYNGISMUS

COMPLICATIONS

Delayed onset of laryngospasm-induced pulmonary edema in an adult outpatient [letter] Glasser SA, et al. **Anesthesiology** 1985 Mar;62(3):370-1

Laryngospasm induced pulmonary edema. McGonagle M, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1583-5

DRUG THERAPY

Immediate reversal of severe laryngospasm by intranasally instilled lidocaine with epinephrine [letter] Johnson LA. **Ann Emerg Med** 1985 Mar;14(3):275-6

ETIOLOGY

Laryngospasm during anaesthesia. A computer-aided incidence study in 136,929 patients. Olsson GL, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):567-75

Laryngeal constriction in normal humans during experimentally induced bronchoconstriction. England SJ, et al. **J Appl Physiol** 1985 Feb;58(2):352-6

Laryngismus fugax: transient laryngeal spasm secondary to brain stem ischemia. Pender DJ. **Laryngoscope** 1984 Nov; 94(11 Pt 1):1497-500

PREVENTION & CONTROL

The use of topical cocaine to prevent laryngospasm after general anesthesia on endoscopy procedures. Colman MF, et al. **Laryngoscope** 1985 Apr;95(4):474

LARYNGITIS

Croup: pathogenesis and management. Goldhagen JL. **J Emerg Med** 1983;1(1):3-11 (32 ref.)

Epiglottitis. Grodin MA. **J Emerg Med** 1983;1(1):13-9

COMPLICATIONS

Epiglottitis presenting as acute pulmonary edema. Lee SC, et al. **Ann Emerg Med** 1985 Jan;14(1):60-3

Precipitation of laryngeal obstruction in acute epiglottitis. Tarnow-Mordi WO, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):629

Precipitation of laryngeal obstruction in acute epiglottitis [letter] Williams PA, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):1007

Fatal pneumococcal epiglottitis in lupus overlap syndrome. Isenberg DA, et al. **Clin Rheumatol** 1984 Dec;3(4):529-32

Mechanisms underlying the development of meningitis or epiglottitis in children after Haemophilus influenzae type b bacteremia. La Scolea LJJr, et al. **J Infect Dis** 1985 Jun; 151(6):1162-5

[Life-threatening obstruction caused by inflammation of the upper respiratory tract in children (letter)] Fagginger Auer PU, et al. **Ned Tijdschr Geneeskd** 1984 Sep 29; 128(39):1873-4 **(Dut)**

[Acute epiglottitis in an adult] Racle JP, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):263-4 **(Fre)**

DIAGNOSIS

Epiglottitis. Selbst SM. **Am J Emerg Med** 1983 Nov; 1(3):342-50

Croup and epiglottitis in children: the anesthesiologist as diagnostician. Diaz JH. **Anesth Analg** 1985 Jun;64(6):621-33 (69 ref.)

Adult epiglottitis. Is there a role for the fiberoptic bronchoscope? Phelan DM, et al. **Chest** 1984 Nov; 86(5):783-4

Epiglottitis. Broniatowski M. **Ear Nose Throat J** 1985 Jan; 64(1):22, 24, 26-7

Acute epiglottitis in the adult. Deeb ZE, et al. **Laryngoscope** 1985 Mar;95(3):289-91

Acute epiglottitis in adults [letter] McDonald K. **NZ Med J** 1984 Oct 10;97(765):701

[The dyspneic child] van Zanten ME. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1953 **(Dut)**

[Infectious mononucleosis in otorhinolaryngology] Ogura Y. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):592-5 **(Jpn)**

[Acute laryngitis] Chişu A, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1984 Jul-Sep; 33(3):215-24 **(Rum)**

[Catamnestic and dispensary examination of children with acute laryngotracheitis] Kireev SS. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):43-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Inefficacy of penicillin V in acute laryngitis in adults. Evaluation from results of double-blind study. Schalén L, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):14-7

Ampicillin-resistant Haemophilus influenzae epiglottitis and pericarditis in an adult [letter] Mier A, et al. **Lancet** 1984 Oct 6;2(8406):817

[Josamycin in the treatment of infections of interest in childhood otorhinolaryngology] Andriani G, et al. **Clin Ter** 1985 May 31;113(4):295-9 (Eng. Abstr.) **(Ita)**

[Dynamics of the activity of leukocyte enzymes in patients with chronic subatrophic and atrophic laryngitis during treatment with enzymes] Dainiak LB, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):9-12 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Postintubation croup in two consecutive patients undergoing cleft lip and/or palate repair. Pechter EA, et al. **Ann Plast Surg** 1985 Jan;14(1):81-4

Recurrent croup. Hide DW, et al. **Arch Dis Child** 1985 Jun; 60(6):585-6

Empyema due to beta-lactamase-producing H. influenzae type B complicating severe laryngo-pharyngitis and cervical cellulitis [letter] Van Asperen PP, et al. **Aust NZ J Med** 1984 Jun;14(3):280

Croup. Broniatowski M. **Ear Nose Throat J** 1985 Jan; 64(1):12-3, 17-8, 21

Salmonellosis presenting as croup [letter] Cooke RP, et al. **Lancet** 1985 Mar 2;1(8427):523

Epiglottitis in adults: association with Haemophilus influenzae type b colonization and disease in children. Glode MP, et al. **Pediatr Infect Dis** 1984 Nov-Dec;

3(6):548-51

[Air pollution and bronchopulmonary disease in children] von der Hardt H. **Monatsschr Kinderheilkd** 1985 Jan; 133(1):2-5 (28 ref.) (Eng. Abstr.) **(Ger)**

[Special infections of the respiratory tract in children] Schaad UB. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):86-9 (Eng. Abstr.) **(Ger)**

[Croup in toxic forms of diphtheria in adults] Pokrovskiĭ VI, et al. **Ter Arkh** 1985;57(5):119-22 (Eng. Abstr.) **(Rus)**

HISTORY

'Child crowing' (croup, 1836-1889). Greenwood RD. **J Okla State Med Assoc** 1985 May;78(5):143-5

IMMUNOLOGY

Defective regulation of immune responses in croup due to parainfluenza virus. Welliver RC, et al. **Pediatr Res** 1985 Jul;19(7):716-20

MICROBIOLOGY

[Laryngitis in newborn infants. Apropos of 3 cases] Contencin P, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):333-6 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Acute epiglottitis in childhood: report of an increased incidence in Victoria [letter] Koo WW. **Aust NZ J Med** 1985 Feb;15(1):83-4

Acute epiglottitis in childhood: report of an increased incidence [letter] Nolan MP. **Aust NZ J Med** 1984 Dec; 14(6):863

Incidence and prognosis of acute epiglottitis in children in a Swedish region. Claesson B, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):534-8

[Effect of air pollution on respiratory tract diseases in small children. Morbidity rate in residential areas with varying degrees of severe pollution] Mühling P, et al. **Fortschr Med** 1984 Sep 13;102(34):831-4 (Eng. Abstr.) **(Ger)**

[Croup syndrome and harmful agents in respiratory air. A statistical analysis of seasonal fluctuations of emission values in relation to the incidence of disease] Wemmer U. **Fortschr Med** 1984 Sep 13;102(34):835-7 (Eng. Abstr.) **(Ger)**

[Epidemiology and symptoms of stenosing laryngotracheitis (pseudo-croup) in 1322 inpatients in Bochum in the last 17 years] Mietens C, et al. **Monatsschr Kinderheilkd** 1984 Sep;132(9):646-53 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Acid posterior laryngitis. Aetiology, histology, diagnosis and treatment. Kambič V, et al. **J Laryngol Otol** 1984 Dec; 98(12):1237-40

RADIOGRAPHY

Are neck radiographs necessary in the management of croup syndrome? [letter] Goel KM. **Arch Dis Child** 1984 Sep; 59(9):908

SURGERY

Recurrent acute adult epiglottitis treated by epiglottectomy. Blome M, et al. **Ear Nose Throat J** 1985 May;64(5):255-8

Croup (laryngotracheobronchitis) and epiglottitis (supraglottitis): when is tracheostomy necessary? Carter RM. **J SC Med Assoc** 1984 Aug;80(8):389-90

THERAPY

Acute epiglottitis in children. Baines DB, et al. **Anaesth Intensive Care** 1985 Feb;13(1):25-8

Acute epiglottitis in adults. Love JB, et al. **Anaesth Intensive Care** 1984 Aug;12(3):264-9

Fulminating epiglottitis in adults. Report of three cases and review of the literature. Warner JA, et al. **Anaesthesia** 1985 Apr;40(4):348-52

Humidification in viral croup: a controlled trial. Bourchier D, et al. **Aust Paediatr J** 1984 Nov;20(4):289-91

Acute epiglottitis in a 79-year-old man. Muller BJ, et al. **Can Anaesth Soc J** 1985 Jul;32(4):415-7

Pediatric epiglottitis. Richman BJ, et al. **Indiana Med** 1985 Aug;78(8):670-1

The early management of acute epiglottitis: a survey of current practice. Willis RJ, et al. **J Emerg Med** 1984; 2(1):13-6

Medical and legal management of adult acute epiglottitis. McNelis FL. **Laryngoscope** 1985 Feb;95(2):125-7

Acute laryngeal obstruction in children. Davison FW. **Penn Med** 1984 Oct;87(10):42, 44, 46

[Risk of long-term intubation in pseudocroup] Schultz-Coulon HJ. **HNO** 1985 May;33(5):204-7 (Eng. Abstr.) **(Ger)**

[Dynamics of the treatment of acute obstructive laryngitis in children and its results] Hirizescu D, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):153-8 (Eng. Abstr.) **(Rum)**

[Treatment of croup] Chernyĭ VV. **Pediatriia** 1985 Apr; (4):60-3 **(Rus)**

LARYNGOSCOPY

Fiberoptic laryngoscopy in the emergency department. Schafermeyer RW. **Am J Emerg Med** 1984 Mar;2(2):160-3

Cherubism with difficult laryngoscopy and tracheal intubation. Maydew RP, et al. **Anesthesiology** 1985 Jun; 62(6):810-2

Rhinolaryngoscopy in the allergy office. Selner JC, et al. **Ann Allergy** 1985 Jun;54(6):479-82

Complications of Venturi jet ventilation during microlaryngeal surgery. O'Sullivan TJ, et al. **Arch Otolaryngol** 1985 Feb;111(2):127-31

Prevention of intracranial hypertension during laryngoscopy and endotracheal intubation. Use of a second dose of thiopentone. Unni VK, et al. **Br J Anaesth** 1984 Nov; 56(11):1219-23

Ventilation during laryngoscopy in chronic obstructive lung disease. Fredrickson JM, et al. **Laryngoscope** 1984 Dec; 94(12 Pt 1):1606-9

[Remarks on the work of F. Incze et al. Modified methods for carrying out non-intubation anesthesia for laryngomicroscopic interventions] Spiss CK, et al. **Anaesthesist** 1985 Jul;34(7):361-4 **(Ger)**

[Early diagnosis of laryngeal cancer by endoscopy and histology in the risk group dispensary] Brandt RH, et al. **Z Arztl Fortbild (Jena)** 1984;78(18):763-6 **(Ger)**

[Fibroscopy in assessing the effectiveness of radiation therapy in cancer of the upper respiratory tracts and in lymphosarcoma of the tonsillar ring] Belousova NV, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):24-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Lights out! A preventable complication of endotracheal intubation [letter] Johnson JD, et al. **Chest** 1985 May; 87(5):701-2

Prevention of facial burns during laser laryngoscopy. Colman MF, et al. **Laryngoscope** 1985 Mar;95(3):349

[Disorders of tongue innervation in microlaryngoscopy] Barta T. **Cesk Otolaryngol** 1984 Sep;33(5):296-8 **(Slo)**

HISTORY

Laryngoscopy. Stock CR. **Ear Nose Throat J** 1984 Oct; 63(10):528-30

[Development of laryngoscopy] Weerda H, et al. **HNO** 1984 Jul;32(7):307-11 (Eng. Abstr.) **(Ger)**

INSTRUMENTATION

Modification of laryngoscope for nasogastric intubation [letter] Campbell NN, et al. **Anaesthesia** 1985 Jul; 40(7):703-4

Mouth gag and tongue holder for fibre-optic laryngoscopy [letter] Pelimon A, et al. **Anaesthesia** 1985 Apr;40(4):386

Improved vision modification of the Macintosh laryngoscope [letter] Racz GB. **Anaesthesia** 1984 Dec;39(12):1249-50

Lamp placement and the Miller I laryngoscope blade [letter] Jones RD. **Anesthesiology** 1985 Feb;62(2):207

Oxygen- and suction-equipped laryngoscope blade [letter] Loeser EA. **Anesthesiology** 1985 Mar;62(3):376

Failure to withdraw flexible fiberoptic laryngoscope after nasotracheal intubation [letter] Ovassapian A. **Anesthesiology** 1985 Jul;63(1):124-5

A new pressure-sensitive laryngoscope. Racz GB, et al. **Anesthesiology** 1985 Mar;62(3):356-8

A new pediatric microlaryngoscope. Benjamin B. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):468

Flexible neonatalscope. Silberman HD, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):471-2

The flexible fibreoptic rhinolaryngoscope. Lancer JM, et al. **J Laryngol Otol** 1985 Aug;99(8):767-70

Flexible fibreoptic rhinolaryngoscopy. Results of 338 consecutive examinations. Lancer JM, et al. **J Laryngol Otol** 1985 Aug;99(8):771-3

A new laser-laryngoscope coupler. Karlan MS, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):717-9

A clinical voice laboratory: videotape and stroboscopic instrumentation. Morrison MD. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):487-8

[Magnifying laryngoscopy] Vichnar R, et al. **Cesk Otolaryngol** 1985 Mar;34(2):109-13 (Eng. Abstr.) **(Cze)**

[Laryngomicrosurgical treatment of synechias in the area of the glottis] Lichtenberger G. **HNO** 1985 May;33(5):213-5 (Eng. Abstr.) **(Ger)**

[Flexible ENT endoscopy--video technic] Rasinger GA, et al. **HNO** 1985 Feb;33(2):90-3 (Eng. Abstr.) **(Ger)**

[Combined endoscopic-endographic diagnosis of the larynx and trachea with contrast medium powders] Brandt RH. **Z Erkr Atmungsorgane** 1984;163(3):251-5 (Eng. Abstr.) **(Ger)**

METHODS

Endoscopic laser arytenoidectomy for the treatment of bilateral vocal cord paralysis. Ossoff RH, et al. **Laryngoscope** 1984 Oct;94(10):1293-7

[Endoscopy and photodocumentation of the nasopharynx and larynx in children] Hložek Z, et al. **Cesk Otolaryngol** 1985 Jan;34(1):55-8 (Eng. Abstr.) **(Cze)**

[Suspension laryngoscopy using monitored diazepam-analgesia and a respiratory analeptic. Apropos of 150 cases] Mourot F, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(3):315-7 (Eng. Abstr.) **(Fre)**

[Dynamic testing of the vocal cords : comparison between laryngostroboscopy with a rigid endoscope and fiberoptic endoscopy] Verhulst J. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):437-9 (Eng. Abstr.) **(Fre)**

[Experiences with fiber optic bronchoscopic intubation] Ermanni M, et al. **Prax Klin Pneumol** 1985 Mar;39(3):93-5 (Eng. Abstr.) **(Ger)**

[Microlaryngoscopy and microsurgery of the larynx] Sonnenberg Z, et al. **Wiad Lek** 1985 Apr 1;38(7):500-7 (Eng. Abstr.) **(Pol)**

[Controlled transoral intubation] Profant M, et al. **Cesk Otolaryngol** 1984 Nov;33(6):340-2 **(Slo)**

VETERINARY

[Definition of the principal deficiency, 'laryngeal wheeze', based on laryngoscopic mass screening of warm-blooded horses] Detlef E, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):57-60 (Eng. Abstr.) **(Ger)**

LARYNGOSPASM see LARYNGISMUS

LARYNGOSTENOSIS

CONGENITAL

[Congenital laryngeal stenosis] Narcy P, et al. **Chir Pediatr** 1984;25(4-5):245-8 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Spirometric indices in the assessment of laryngeal obstruction. Ejnell H, et al. **Eur J Respir Dis** 1984 Nov; 65(8):600-10

ETIOLOGY

Late complications after irradiation treatment for cervical adenitis in childhood. A 60-year follow-up study. Bergström B, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):151-60

Epidermolysis bullosa letalis in the larynx causing acute respiratory failure: a case presentation and review of the literature. Glossop LP, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):281-8

The histopathology of the larynx in the neonate following endotracheal intubation. Gould SJ, et al. **J Pathol** 1985 Aug;146(4):301-11

Rheumatoid arthritis of the cricoarytenoid joints: a case of laryngeal obstruction due to acute and chronic joint changes. Jurik AG, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):846-8

Laryngotracheal stenosis in spondyloepiphyseal dysplasia. Myer CM 3d, et al. **Laryngoscope** 1985 Jan;95(1):3-5

[Laryngotracheal stenosis in the adult] Robillard T, et al. **Acta Otorhinolaryngol Belg** 1984;38(2):198-207 **(Fre)**

PREVENTION & CONTROL

[The laryngeal lumen after functional resection with endoprosthesis] Pogosov VS, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):48-50 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Roentgenosemeiotics of chronic laryngeal stenoses in children] Gingol'd AZ, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):51-6 (Eng. Abstr.) **(Rus)**

SURGERY

Contemporary surgical management of laryngeal stenosis in children. Cotton RT, et al. **Am J Otolaryngol** 1984 Sep-Oct;5(5):360-8 (26 ref.)

Chronic laryngeal stenosis. Stell PM, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):108-13

Pediatric laryngotracheal stenosis. Cotton RT. **J Pediatr Surg** 1984 Dec;19(6):699-704

Chronic laryngeal stenosis [editorial] **Lancet** 1985 Aug 24; 2(8452):427

Surgical correction of subglottic stenosis in children. A follow-up study. Morimoto K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):178-85

[Personal experience with the surgical treatment of laryngotracheal stenoses] Navrátil J, et al. **Cesk Otolaryngol** 1985 Jul;34(4):227-9 (Eng. Abstr.) **(Cze)**

[Total 'pharyngoplastia vera' with the colon in caustic pharyngo-laryngeal stenoses] Popovici Z, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):311-5 (Eng. Abstr.) **(Fre)**

[Laryngomicrosurgical treatment of synechias in the area of the glottis] Lichtenberger G. **HNO** 1985 May;33(5):213-5 (Eng. Abstr.) **(Ger)**

[Total 'true' pharyngoplasty using the colon in caustic pharyngolaryngeal stenosis] Popovici Z, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):19-26 (Eng. Abstr.) **(Rum)**

[Variant operation in cicatricial laryngostenosis] Chernyi VV. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):64 **(Rus)**

[Method of x-ray examination of children with cicatricial stenosis of the larynx and trachea] Portnoi LM, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):69-75 (Eng. Abstr.) **(Rus)**

LARYNX

Three cases of difficult intubation overcome by the laryngeal mask airway. Brain AI. **Anaesthesia** 1985 Apr;40(4):353-5

Translaryngeal guided intubation [letter] King HK. **Anesth Analg** 1985 Jun;64(6):650-1

Inhaled non-radio-opaque foreign bodies [letter] Goel KM. **Arch Dis Child** 1985 Mar;60(3):289

The laryngeal mask airway--a possible new solution to airway problems in the emergency situation. Brain AI. **Arch Emerg Med** 1984 Dec;1(4):229-32

Inhaled foreign body causing swelling of the neck. Jaswon MS, et al. **Br Med J [Clin Res]** 1984 Dec 22-29; 289(6460):1742

Choking: the Heimlich maneuver (abdominal thrust) vs. back blows. AMA Council on Scientific Affairs. **Conn Med** 1984 Sep;48(9):609-12

Forward displacement of the larynx for nasogastric tube insertion in intubated patients. Perel A, et al. **Crit Care Med** 1985 Mar;13(3):204-5

A unique laryngeal foreign body. Jan A. **JPMA** 1985 Mar; 35(3):99

Management of foreign bodies in the larynx and tracheobronchial tree of children. Jan A, et al. **JPMA** 1984 Dec;34(12):369-70

Balloons as a cause of suffocation [letter] Brook I. **Pediatrics** 1985 Mar;75(3):615-6

[An investigation on the sensation of a lump in the throat] Yamagiwa M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Nov;87(11):1519-26 (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

Laryngeal cleft: report of eight patients and a review of the literature. Tyler DC. **Am J Med Genet** 1985 May; 21(1):61-75

Posterior cleft larynx associated with hamartoma. Cohen SR. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):443-6

Subglottic laryngeal atresia associated with tracheoesophageal fistula. Long-term survival. Leiberman A, et al. **Clin Pediatr (Phila)** 1985 Sep;24(9):523-5

The frequency of occurrence of foramen thyroideum in the human larynx. Zemlin WR, et al. **Folia Phoniatr (Basel)** 1984;36(6):296-300

Laryngotracheoesophageal cleft in a newborn. Kauten JR, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):61-71

Laryngeal atresia: a detailed histologic study. Miller RH, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):273-80

A new type of laryngotracheoesophageal cleft with extended bronchoesophageal cleft. Ogawa T, et al. **J Pediatr Surg** 1985 Apr;20(2):164-6

Fatal malformations of the larynx and upper trachea. Paes BA, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1477-81

[Atresia laryngis] Rehulová E, et al. **Cesk Otolaryngol** 1985 Mar;34(2):103-8 (Eng. Abstr.) **(Cze)**

[Cardiac failure complicating laryngomalacia in a newborn infant (letter)] Voisin M, et al. **Arch Fr Pediatr** 1984 Dec; 41(10):728-9 **(Fre)**

[Diastema or laryngeal or posterior laryngotracheal cleft. Analysis of 16 cases] Andrieu-Guitrancourt J, et al. **Chir Pediatr** 1984;25(4-5):219-27 (Eng. Abstr.) **(Fre)**

ANALYSIS

[Histochemical study of the glycoconjugates in human upper airway mucosa] Fukami K. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):449-54 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

The possible influence of laryngeal and tracheal size on the running speed of mammals. Harrison DF, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):229-35

Application of surface coils to MR anatomy of the larynx. Lufkin RB, et al. **AJR** 1985 Sep;145(3):483-9

Squamous epithelium in the subglottic region of paediatric larynges. Yung MW, et al. **Clin Otolaryngol** 1984 Jun; 9(3):145-7

MR imaging of the normal larynx. Castelijns JA, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):919-25

Ultrasound evaluation of the normal fetal upper airway and esophagus. Cooper C, et al. **J Ultrasound Med** 1985 Jul; 4(7):343-6

Relationship of laryngeal dimensions to body size and gestational age in premature neonates and small infants. Schild JA. **Laryngoscope** 1984 Oct;94(10):1284-92

[History of the studies on the lymphatic system of laryngeal mucosa] Skarżyński H, et al. **Otolaryngol Pol** 1985; 39(2):106-9 (Eng. Abstr.) **(Pol)**

[Factors of inner hemoregulation of the muscles of the larynx. Morphological and morphodynamic aspects] del Cañizo Alvarez A. **An Otorrinolaringol Ibero Am** 1984; 11(4):345-56 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Goblet cells in the laryngeal mucosa in benign diseases of the larynx. Nielsen KO, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):176-80

Use of the HEp-2 cell substrate in the detection of antinuclear antibodies in juvenile rheumatoid arthritis. Osborn TG, et al. **Arthritis Rheum** 1984 Nov;27(11):1286-9

DRUG EFFECTS

A comparison of different concentrations of lignocaine hydrochloride used for topical anaesthesia of the larynx of the cat. Robinson EP, et al. **Anaesth Intensive Care** 1985 May;13(2):137-44

Methylene chloride: a two-year inhalation toxicity and oncogenicity study in rats and hamsters [letter] Reznik GK. **Fundam Appl Toxicol** 1984 Oct;4(5):883-4

[The effect of drugs on laryngeal resistance and motor neuron activity in the recurrent nerve in the cat] Stránsky A, et al. **Bratisl Lek Listy** 1985 May;83(5):573-83 (Eng. Abstr.) **(Slo)**

EMBRYOLOGY

Reexamination of the origin and early development of the human larynx. Zaw-Tun HA, et al. **Acta Anat (Basel)** 1985; 122(3):163-84

[Review of the organogenesis of the respiratory system (excluding the pulmonary parenchyma)] Dyon JF, et al. **Chir Pediatr** 1984;25(4-5):195-201 (Eng. Abstr.) **(Fre)**

GROWTH & DEVELOPMENT

Postnatal ontogeny of performances of the pharynx, larynx, and mouth. Bosma JF. **Am Rev Respir Dis** 1985 May; 131(5):S10-5

INJURIES

Difficulty in high-pitched phonation by laryngeal trauma. Hirano M, et al. **Arch Otolaryngol** 1985 Jan;111(1):59-61

A case of hanging. Chevretton EB, et al. **J Laryngol Otol** 1984 Oct;98(10):1049-50

Upper airway lesions in children after accidental ingestion of caustic substances. Moulin D, et al. **J Pediatr** 1985 Mar; 106(3):408-10

A study of post-intubation laryngeal dysfunction. Whited RE. **Laryngoscope** 1985 Jun;95(6):727-9

Diagnosis and primary management of laryngeal trauma. Hartmann PK, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):252-7

Laryngeal trauma: a diagnostic case study. Schneider LB, et al. **S Afr J Commun Disord** 1984;31:13-20

[Injuries of the larynx and their functional sequelae] Sram F, et al. **Cesk Otolaryngol** 1985 Mar;34(2):65-70 (Eng. Abstr.) **(Cze)**

[Internal laryngeal hematoma. A contribution to death following blow to the neck] Maxeiner H. **Arch Kriminol** 1984 Jul-Aug;174(1-2):51-6 (Eng. Abstr.) **(Ger)**

[Injury to the larynx and trachea following artificial respiration] Wey W. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):194-6 (Eng. Abstr.) **(Ger)**

[Burn of the laryngeal mucosa by molten metal] Grigor'ev VP, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):89 **(Rus)**

METABOLISM

Presence of salivary protein C and salivary peptide P-C-like immunoreactivity in the laryngo-tracheo-bronchial glands. Ito S, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):130-4

PATHOLOGY

The role of testosterone in laryngeal carcinogenesis. Kambič V, et al. **Am J Otolaryngol** 1984 Sep-Oct;5(5):344-9

Pathology consultation. Coccidioidomycosis of the larynx. Batsakis JG. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):528-9

Actinomycosis of the larynx [clinical conference] Hughes RA Jr, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):520-4

Chondrosarcoma of the larynx. Case report and management philosophy. Lavertu P, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):452-6

Effects of repeated stripping on vocal fold mucosa in cats. Leonard RJ, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):258-62

Involucrin in laryngeal dysplasia. A marker for differentiation. Kaplan MJ, et al. **Arch Otolaryngol** 1984 Nov;110(11):713-16

Diagnosis and grading of malignancy in squamous epithelial lesions of the larynx with DNA cytophotometry. Böcking A, et al. **Cancer** 1985 Oct 1;56(7):1600-4

Photometric studies on nuclear DNA content and area in different laryngeal epithelia. Hellquist H, et al. **Cancer Detect Prev** 1984;7(4):275-7

A study of whole organ cancerous larynges to determine resectability by conservation surgery. Robbins KT, et al. **Head Neck Surg** 1984 Oct;7(1):2-7

Laryngeal neuroendocrine tumour with features of a paraganglioma, intracytoplasmic lumina and acinar formation. Spagnolo DV, et al. **Histopathology** 1985 Jan; 9(1):117-31

Quantitative morphometry of squamous cell hyperplasia of the larynx. Olde Kalter P, et al. **J Clin Pathol** 1985 May; 38(5):489-95

The histopathology of the larynx in the neonate following endotracheal intubation. Gould SJ, et al. **J Pathol** 1985 Aug;146(4):301-11

Local morphologic changes related to laryngeal carcinoma. Resta L, et al. **Tumori** 1985 Feb 28;71(1):19-24

[Testosterone--an etiological factor in the development of laryngeal carcinoma?] Kambič V, et al. **HNO** 1985 Mar; 33(3):115-7 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Laryngeal function. Sasaki CT, et al. **Am J Otolaryngol** 1984 Jul-Aug;5(4):281-91

Upper airway artifact in respiratory impedance measurements. Peslin R, et al. **Am Rev Respir Dis** 1985 Sep;132(3):712-4

Age-related responses of laryngeal airway resistance to peripheral and central chemoreceptor stimulation. Blum DJ, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):488-93

Perturbation analysis of normal and pathologic larynges. Zyski BJ, et al. **Folia Phoniatr (Basel)** 1984;36(4):190-8

Ultrasound analysis of tongue, hyoid, and larynx activity during swallowing. Shawker TH, et al. **Invest Radiol** 1984 Mar-Apr;19(2):82-6

Effect of the larynx on oscillatory flow in the central airways: a model study. Menon AS, et al. **J Appl Physiol** 1985 Jul; 59(1):160-9

Factors influencing regional patency and configuration of the human infant upper airway. Reed WR, et al. **J Appl Physiol** 1985 Feb;58(2):635-44

Laryngeal influences on breathing pattern and posterior cricoarytenoid muscle activity. Sant'Ambrogio FB, et al. **J Appl Physiol** 1985 Apr;58(4):1298-304

Characteristics of velocity profiles of speech movements. Munhall KG, et al. **J Exp Psychol [Hum Percept]** 1985 Aug;11(4):457-74

Laryngostroboscopic observations by means of inferior glottoscopy. Salimbeni C, et al. **J Laryngol Otol** 1985 Aug; 99(8):801-3

Prephonatory laryngeal and chest wall dynamics. Cavallo SA, et al. **J Speech Hear Res** 1985 Mar;28(1):79-87

Laryngeal management at utterance-internal word boundary in American English. Lisker L, et al. **Lang Speech** 1984 Apr-Jun;27 (Pt 2):163-71

Effect of maturation on the sensitivity of laryngeal resistance to chemoreceptor stimulation in the dog. Blum DJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):351-4

Opening and closing mechanisms of the larynx. Konrad HR, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):402-5

Phonetic explanation in phonology: the feature fortis/lenis. Kohler KJ. **Phonetica** 1984;41(3):150-74 (113 ref.)

Laryngeal pressure receptors. Mathew OP, et al. **Respir Physiol** 1984 Jul;57(1):113-22

[Definition of the principal deficiency, 'laryngeal wheeze', based on laryngoscopic mass screening of warm-blooded horses] Detlef E, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):57-60 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Laryngeal fricative in cleft palate speech. Kawano M, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:180-8

Upper airway response during bronchoprovocation and asthma attack. Shindoh C, et al. **Am Rev Respir Dis** 1985 Sep;132(3):671-8

Laryngeal resistance immediately after panting in control and constricted airways. Sekizawa K, et al. **J Appl Physiol** 1985 Apr;58(4):1164-9

Relation between voice profile ratings and aerodynamic and acoustic parameters. Moran MJ, et al. **J Commun Disord** 1984 Aug;17(4):245-60

Laryngeal behavior during stuttering: a further study. Conture EG, et al. **J Speech Hear Res** 1985 Jun; 28(2):233-40

[Electromyography in functional dysphonias using the surface electrode] Laštovka M, et al. **Folia Phoniatr (Basel)** 1984;36(6):284-8 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

[Echotomography in the control of laryngectomized patients with post-radiation fibrosis of soft tissues] Turetta G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):69-74 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

High resolution computed tomography: Part 3. The larynx and hypopharynx. Swartz JD, et al. **Head Neck Surg** 1985 Jan-Feb;7(3):231-42 (12 ref.)

[Clinico-roentgenological evaluation of the state of the resected larynx] Demidov VP, et al. **Vestn Rentgenol Radiol** 1985 Jan-Feb;(1):56-60 (Eng. Abstr.) **(Rus)**

SURGERY

Canine model for microvascular reconstruction of the larynx. Duncavage JA, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):362-7

Contemporary surgical management of laryngeal stenosis in children. Cotton RT, et al. **Am J Otolaryngol** 1984 Sep-Oct;5(5):360-8 (26 ref.)

Laser surgery in the airway [letter] Kjeldsen L, et al. **Anaesthesia** 1984 Nov;39(11):1146

Laryngeal microsurgery with the carbon dioxide laser: techniques and instrumentation. Carruth JA. **J Laryngol Otol** 1985 Jun;99(6):573-6

Reconstruction of the laryngopharynx and cervical esophagus. Fabian RL. **Laryngoscope** 1984 Oct; 94(10):1334-50

Silastic sheet keel in laryngeal reconstruction. Giancarlo H, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1123

Fixation of laryngeal stents. Mouney DF, et al. **Laryngoscope** 1985 Aug;95(8):905-7

Laryngotracheoplasty with costochondral grafts--a clinical correlate of graft survival. Pashley NR, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1493-6

Voice quality and intelligibility characteristics of the reconstructed larynx and pseudolarynx. Rizer FM, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):635-8

[Current technics for reestablishing the cervical digestive tract after circular pharyngo-laryngectomy] Petriat B, et al. **An Otorrinolaringol Ibero Am** 1985;12(1):65-74 (Eng. Abstr.) **(Fre)**

[Endotracheal tube for laryngeal CO2 laser microsurgery. 208 cases] Brille P, et al. **Presse Med** 1985 Jul 6; 14(27):1470-2 (Eng. Abstr.) **(Fre)**

[Intubation, tracheal puncture and coniotomy at the emergency site] Hoffmann D. **Z Arztl Fortbild (Jena)** 1984; 78(15):643-4 **(Ger)**

[Total 'true' pharyngoplasty using the colon in caustic pharyngolaryngeal stenosis] Popovici Z, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):19-26 (Eng. Abstr.) **(Rum)**

[Microlaryngosurgery and prospects for its development] Preobrazhenskiĭ NA, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):3-9 (47 ref.) **(Rus)**

[Rehabilitation of patients with laryngeal cancer after fronto-lateral resections with endoprosthesis] Ol'shanskiĭ VO, et al. **Vopr Onkol** 1985;31(4):89-92 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Intercellular junctions in upper airway submucosal glands of the rat: a tracer and freeze fracture study. Schneeberger EE, et al. **Anat Rec** 1984 Nov;210(3):421-33

[A Basic study of the deglutition reflex mechanism] Shin T, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May; 88(5):643-50 (Eng. Abstr.) **(Jpn)**

LARYNX, ARTIFICIAL

Tracheoesophageal puncture prostheses [letter] Blom ED, et al. **Arch Otolaryngol** 1985 Mar;111(3):208-9

Primary voice restoration at laryngectomy. Hamaker RC, et al. **Arch Otolaryngol** 1985 Mar;111(3):182-6

Deterioration of voice prostheses caused by fungal vegetations [letter] Mahieu HF, et al. **Arch Otolaryngol** 1985 Apr;111(4):280

Long-term results of the Blom-Singer speech rehabilitation procedure. Wetmore SJ, et al. **Arch Otolaryngol** 1985 Feb; 111(2):106-9

Electrolaryngeal speech produced by laryngectomized subjects: perceptual characteristics. Weiss MS, et al. **J Speech Hear Res** 1985 Jun;28(2):294-300

Newer technique of tracheoesophageal fistula for vocal rehabilitation after total laryngectomy. Maniglia AJ. **Laryngoscope** 1985 Sep;95(9 Pt 1):1064-6

A comparison of speech using artificial larynx and tracheoesophageal puncture with valve in the same speaker. Merwin GE, et al. **Laryngoscope** 1985 Jun;95(6):730-4

Simplified tracheoesophageal puncture for insertion of voice prosthesis. Parker GA. **Laryngoscope** 1985 May;95(5):608

Effect of amplification on the intelligibility of speech produced with an electrolarynx. Verdolini K, et al. **Laryngoscope** 1985 Jun;95(6):720-6

Tracheoesophageal puncture for voice restoration: modification of the Blom-Singer technique. Ossoff RH, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):418-23

[Phonation prosthesis] Novotný Z. **Cesk Otolaryngol** 1985 Jul;34(4):230-5 (Eng. Abstr.) **(Cze)**

[Finger-free speech following total laryngectomy. Instrumentation and technic of surgical voice rehabilitation] Herrmann IF, et al. **HNO** 1985 Mar; 33(3):124-9 (Eng. Abstr.) **(Ger)**

[Experiences with the Blom-Singer prosthesis following Blom-Singer puncture and following functionally disordered neoglottis phonatria] Herrmann IF, et al. **HNO** 1984 Jul;32(7):286-93 (Eng. Abstr.) **(Ger)**

[Glottoplasty--a new method of surgical voice rehabilitation] Herrmann IF, et al. **HNO** 1984 Jul;32(7):294-301 (Eng. Abstr.) **(Ger)**

[Voice rehabilitation following laryngectomy by the Gronigen prosthesis] Manni JJ, et al. **HNO** 1985 May; 33(5):216-9 (Eng. Abstr.) **(Ger)**

[Aerodynamic effect of tracheal voice tubes] Deitmer T. **Laryngol Rhinol Otol (Stuttg)** 1984 Dec;63(12):640-3 (Eng. Abstr.) **(Ger)**

[Electromyographic examination of an artificial larynx after laryngectomy] Pruszewicz A, et al. **Otolaryngol Pol** 1984; 38(5):447-52 (Eng. Abstr.) **(Pol)**

[Surgical rehabilitation of laryngeal function using an endoprosthesis following resection for stage III cancer] Ol'shanskiĭ VO, et al. **Vestn Otorinolaringol** 1984 Nov-Dec; (6):56-60 (Eng. Abstr.) **(Rus)**

[The laryngeal lumen after functional resection with endoprosthesis] Pogosov VS, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):48-50 (Eng. Abstr.) **(Rus)**

REHABILITATION

[Rehabilitation of patients with laryngeal cancer after fronto-lateral resections with endoprosthesis] Ol'shanskiĭ VO, et al. **Vopr Onkol** 1985;31(4):89-92 (Eng. Abstr.) **(Rus)**

LASALOCID

Sequence of ionophore conformational changes induced by a simulated membrane/water interface. Brasseur R, et al. **Biosci Rep** 1984 Aug;4(8):651-8

ANALYSIS

Identification of monensin, narasin, salinomycin and lasalocid in pre-mixes and feeds by thin-layer chromatography. Owles PJ. **Analyst** 1984 Oct;109(10):1331-3

PHARMACODYNAMICS

Efficacy of lasalocid sodium against mycoplasmas (preliminary communication). Stipkovits L, et al. **Acta Vet Hung** 1984;32(3-4):127-9

Inhibition of ruthenium red-induced Ca2+ efflux from liver mitochondria by the antibiotic X-537A. Pereira da Silva L, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):80-6

The stoichiometry of A23187- and X537A-mediated calcium ion transport across lipid bilayers. Blau L, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):219-23

A fluorescence quenching technique for the measurement of paramagnetic ion concentrations at the membrane/water interface. Intrinsic and X537A-mediated cobalt fluxes across lipid bilayer membranes. Homan R, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):485-92

Influence of dietary alfalfa:orchardgrass hay and lasalocid on in vitro estimates of dry matter digestibility and volatile fatty acid concentrations of cecal contents and rate of digesta passage in sows. Holzgraefe DP, et al. **J Anim Sci** 1985 May;60(5):1235-46

Effects of dietary alfalfa:orchardgrass hay and lasalocid on nutrient utilization by gravid sows. Holzgraefe DP, et al. **J Anim Sci** 1985 May;60(5):1247-59

Reduction of 3-methylindole production and prevention of acute bovine pulmonary edema and emphysema with lasalocid. Nocerini MR, et al. **J Anim Sci** 1985 Jan; 60(1):232-8

A study of the effects of replacing monensin ionophore with lasalocid ionophore in the field control of coccidiosis in broilers. Voeten AC, et al. **Vet Q** 1985 Jan;7(1):66-9

THERAPEUTIC USE

Acquired immunity to Eimeria tenella in lasalocid-treated chickens. Sasmal NK, et al. **Vet Parasitol** 1984 Jul;15(1):1-9

LASER COAGULATION

Corneal endothelium after photocoagulation in diabetic patients. Mäkitie J, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):355-60

Transscleral ruby laser cyclocoagulation. Beckman H, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):788-95

Laser trabeculoplasty re-treatment. Brown SV, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):8-10

Argon laser photocoagulation for diabetic retinopathy in a patient with hemophilia [letter] Meredith TA, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):818-9

Argon laser photocoagulation for macular edema in branch vein occlusion [letter] Miller SD. **Am J Ophthalmol** 1985 Feb 15;99(2):218-9

Treatment of a cyclodialysis cleft with argon laser photocoagulation in a patient with a shallow anterior chamber. Partamian LG. **Am J Ophthalmol** 1985 Jan 15; 99(1):5-7

Argon laser photocoagulation in diabetic retinopathy: five year review of 697 treated eyes. Lim AS, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):252-60

Acute angle-closure glaucoma due to senile macular degeneration treated by argon laser photocoagulation. Grewal KS, et al. **Ann Ophthalmol** 1984 Oct;16(10):935-8

Myenteric enkephalin neurons around the laser-photocoagulation necrosis: an immunocytochemical investigation in the guinea pig jejunum and proximal colon. Kobayashi S, et al. **Arch Histol Jpn** 1985 Apr;48(2):239-54

Laser photocoagulators for glaucoma research and therapy. Alvarado JA. **Arch Ophthalmol** 1984 Nov;102(11):1604-5

Cellular mechanisms of resolution of drusen after laser coagulation. An experimental study. Duvall J, et al. **Arch Ophthalmol** 1985 May;103(5):694-703

Macular photocoagulation study [letter] Fine SL, et al. **Arch Ophthalmol** 1984 Nov;102(11):1583

Clinical photocoagulation with the organic dye laser. A preliminary communication. L'Esperance FA Jr. **Arch Ophthalmol** 1985 Sep;103(9):1312-6

Simulated treatment of recurrent choroidal neovascularization in primate retina. Comparative histopathologic findings. Smiddy WE, et al. **Arch Ophthalmol** 1985 Mar;103(3):428-33

Laser treatment of primary ring-shaped epithelial iris cyst. Bron AJ, et al. **Br J Ophthalmol** 1984 Dec;68(12):859-65

Retinal function of the diabetic retina after argon laser photocoagulation assessed electroretinographically. Perlman I, et al. **Br J Ophthalmol** 1985 Apr;69(4):240-6

Visual function after pan-retinal photocoagulation: a survey. Russell PW, et al. **Diabetes Care** 1985 Jan-Feb;8(1):57-63

Combined therapy of malignant stenoses of the upper gastrointestinal tract by means of laser beam and bougienage. Riemann JF, et al. **Endoscopy** 1985 Mar; 17(2):43-8

Endoscopic Nd:YAG laser therapy for active esophageal variceal bleeding. A randomized controlled study. Fleischer D. **Gastrointest Endosc** 1985 Feb;31(1):4-9

Comparison of heater probe and YAG laser in endoscopic treatment of major bleeding from peptic ulcers. Johnston JH, et al. **Gastrointest Endosc** 1985 Jun;31(3):175-80

Comments regarding Dr. Johnston's editorial [letter] Klass A. **Gastrointest Endosc** 1985 Aug;31(4):292-3

Clinical applications of the argon laser. Goldstein N, et al. **Hawaii Med J** 1985 Feb;44(2):52-4, 56-7

Prostanoids in rabbit aqueous humor: effect of laser photocoagulation of the iris. Weinreb RN, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1087-92

Current management of diabetic retinopathy. Flynn HW Jr. **J Arkansas Med Soc** 1985 Feb;81(9):453-4

Evaluation of the use of the argon laser in repairing rat and primate nerves. Almquist EE, et al. **J Hand Surg [Am]** 1984 Nov;9(6):792-9

Treatment of retinoblastoma with argon laser photocoagulation. Masuyama Y, et al. **J Pediatr Ophthalmol Strabismus** 1984 Sep-Oct; 21(5):169-71

Photocoagulation of early pelvic endometriosis with the Nd: YAG laser through the laparoscope. Lomano JM. **J Reprod Med** 1985 Feb;30(2):77-81

Fifth annual meeting: American Society for Laser Medicine and Surgery. Orlando, Florida, May 27-29, 1985. **Lasers Surg Med** 1985;5(2):133-94

Use of the argon and carbon dioxide lasers for treatment of superficial venous varicosities of the lower extremity. Apfelberg DB, et al. **Lasers Surg Med** 1984;4(3):221-31

The monochromatic green argon laser in the management of macular disorders. Gazocchi M, et al. **Lasers Surg Med** 1985;5(2):95-104

Argon laser photocoagulation in the management of retinal detachment and predisposing lesions. Gratton I, et al. **Lasers Surg Med** 1984;4(4):337-44

Influence of Nd:YAG laser power density and coaxial CO2 on the gastric wall. Joffe SN, et al. **Lasers Surg Med** 1984; 4(3):247-59

Argon laser coagulation of blood for the anastomosis of small vessels. Krueger RR, et al. **Lasers Surg Med** 1985; 5(1):55-60

Temperature rise in biological tissue during Nd:YAG laser irradiation. Marchesini R, et al. **Lasers Surg Med** 1985; 5(2):75-82

Laser photocoagulation in obstructing malignant tumours of the respiratory and gastrointestinal tracts. Thompson P, et al. **Med J Aust** 1985 May 13;142(10):545-6

Comparison of saphir infrared coagulation and YAG-laser in the surgery of parenchymatous organs: an experimental study. van der Werken C, et al. **Neth J Surg** 1984 Oct; 36(5):130-3

Treatment of cerebral arterio-venous malformations with laser. Fasano VA, et al. **Neurol Res** 1984 Sep;6(3):127-32

Carbon dioxide laser treatment of cervical intraepithelial neoplasia. Lomano JM. **Ohio State Med J** 1985 Jun; 81(6):432-5

Transscleral cyclocoagulation using a neodymium:YAG laser. Wilensky JT, et al. **Ophthalmic Surg** 1985 Feb; 16(2):95-8

Choroidal (subretinal) neovascularization secondary to choroidal nevus and successful treatment with argon laser photocoagulation. Case reports and review of literature. Mines JA, et al. **Ophthalmologica** 1985;190(4):210-8

A randomized clinical trial of feeder vessel photocoagulation of proliferative sickle cell retinopathy. II. Update and analysis of risk factors. Condon P, et al. **Ophthalmology** 1984 Dec;91(12):1496-8

Krypton red laser photocoagulation of subretinal neovascular membranes located within the foveal avascular zone. Decker WL, et al. **Ophthalmology** 1984 Dec;91(12):1582-6

Retinopathy risk factor regression after laser panretinal photocoagulation for proliferative diabetic retinopathy. Doft BH, et al. **Ophthalmology** 1984 Dec;91(12):1453-7

Iridotomy using the Q-switched neodymium (Nd):YAG laser [letter] Gilbert CM, et al. **Ophthalmology** 1984 Sep; 91(9):1123

Retinal pigment epithelium decompensation. II. Laser treatment. Jalkh AE, et al. **Ophthalmology** 1984 Dec; 91(12):1549-53

Visual loss following panretinal photocoagulation for proliferative diabetic retinopathy. McDonald HR, et al. **Ophthalmology** 1985 Mar;92(3):388-93

Healing of photocoagulation lesions affects the rate of subretinal fluid resorption. Negi A, et al. **Ophthalmology** 1984 Dec;91(12):1678-83

Xenon arc photocoagulation of proliferative diabetic retinopathy. A review of 2688 consecutive eyes in the format of the Diabetic Retinopathy Study. Okun E, et al. **Ophthalmology** 1984 Dec;91(12):1458-63

Important points in management of patients with choroidal neovascularization. Singerman LJ. **Ophthalmology** 1985 May;92(5):610-4

Argon laser destruction of anterior chamber implantation cysts. Sugar J, et al. **Ophthalmology** 1984 Sep;91(9):1040-4

Endoscopic treatment of tracheobronchial malignancy. Experience with Nd-YAG and CO2 lasers in 506 operations. Shapshay SM, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):205-10

Optimal laser parameters for port wine stain therapy: a theoretical approach. Lahaye CT, et al. **Phys Med Biol** 1985 Jun;30(6):573-87

Is Nd-Yag laser treatment for upper gastrointestinal bleeds of benefit in a district general hospital? Homer AC, et al. **Postgrad Med J** 1985 Jan;61(711):19-22

Treatment of combined traction-rhegmatogenous retinal detachment in the morning glory syndrome. Harris MJ, et al. **Retina** 1984 Fall-Winter;4(4):249-52

Carbon dioxide laser microsurgical vasovasostomy. Rosemberg SK, et al. **Urology** 1985 Jan;25(1):53-6

[Endoscopic argon laser irradiation in animals and patients with upper gastrointestinal hemorrhage] Wu SC. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):201-3 (Eng. Abstr.) **(Chi)**

[Treatment of diabetic retinopathy with argon laser] Wang KS. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):74-7 **(Chi)**

[A prospective trial of Nd-YAG laser in the treatment of gastro-duodenal bleeding] Fang KM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1247-51 (Eng. Abstr.) **(Chi)**

[Preventive use of argon lasers in patients with risk of retinal detachment] Boguszaková J, et al. **Cesk Oftalmol** 1984 Sep;40(5):272-5 (Eng. Abstr.) **(Cze)**

[Laser photocoagulation as palliative treatment in tumors of the digestive tract] Mathus-Vliegen EM, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1234-7 (Eng. Abstr.) **(Dut)**

[Indications, technic and results of photocoagulation of subretinal neovascularizations (in senile macular degeneration)] Soubrane G, et al. **Annee Ther Clin Ophtalmol** 1983;34:297-311 (Eng. Abstr.) **(Fre)**

[Treatment of choroid neovascularization by monochromatic argon laser in maculopathies] Arnaud B, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:193-6 **(Fre)**

[Choroidal neovascularization] Atmaca LS. **Bull Mem Soc Fr Ophtalmol** 1985;96:197-201 **(Fre)**

[Pseudo-exfoliative glaucoma and laser trabeculoplasty] Stangos N, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:147-50 **(Fre)**

[Technic and results of photocoagulation in senile macular degeneration] Soubrane G. **Bull Soc Belge Ophtalmol** 1984;209:189-97 (Eng. Abstr.) **(Fre)**

[Opening of the angle by laser photocoagulation. Apropos of a case with aphakia] Blervacque A. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):501-2 (Eng. Abstr.) **(Fre)**

[Treatment of chronic glaucoma with the argon laser] Saint Germa Y. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):973-4 **(Fre)**

[Yag laser photocoagulation and monopolar electrohydrocoagulation: randomized study of the hemostatic effect on experimental hemorrhagic ulcer in dogs] Escourrou J, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):212-9 (Eng. Abstr.) **(Fre)**

[Obliteration of a bronchopleural fistula by the YAG laser under thoracoscopy (letter)] Guerin JC, et al. **Presse Med** 1985 Jun 1;14(22):1245-6 **(Fre)**

[Lasers in dermatology] Rotteleur G, et al. **Presse Med** 1985 Apr 6;14(14):784-8 (Eng. Abstr.) **(Fre)**

[Comparative study of the treatment of cervical dysplasias with the CO2 laser and electroresection with the diathermy loop] Boulanger JC, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):797-803 (Eng. Abstr.) **(Fre)**

[Photocoagulation using the Nd-YAG-laser in the treatment of non-neoplastic gastrointestinal stenosis] Sander R, et al. **Fortschr Med** 1984 Nov 8;102(41):1045-7 (Eng. Abstr.) **(Ger)**

[Importance of the localization of the photocoagulation focus in the therapy of proliferative diabetic retinopathy] Gerke E, et al. **Fortschr Ophthalmol** 1985;82(1):109-11 (Eng. Abstr.) **(Ger)**

[Histologic studies on the effect of light coagulation of the retina on the vitreous body] Leuenberger S, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):272-4 (Eng. Abstr.) **(Ger)**

[Aqueous humor outflow capacity after argon laser trabeculoplasty. Preliminary report] Merté HJ, et al. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):220-3 (Eng. Abstr.) **(Ger)**

[Experimental studies of the tensile strength of laser adhesions] Misita V. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):43-5 (Eng. Abstr.) **(Ger)**

[Effect of laser therapy in diabetic retinopathy on the hemodynamics of retinal vessels] Richard G, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):107-9 (Eng. Abstr.) **(Ger)**

[Collapse of the blood-aqueous humor barrier following laser injury--preventive pharmacotherapy with prostaglandin inhibitors] Schrems W. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):29-31 (Eng. Abstr.) **(Ger)**

[CO2-laser treatment of condylomata acuminata. Current clinical aspects] Meandzija MP. **Ther Umsch** 1985 Mar;42(3):203-8 (Eng. Abstr.) **(Ger)**

[Use of the CO2 laser in the treatment of cutaneous malignant melanoma: lymphoadenectomy] Palmeri R, et al. **Chir Ital** 1983 Aug;35(4):535-9 (Eng. Abstr.) **(Ita)**

[Effect of argon laser photoradiation on the monkey retina treated with hematoporphyrin derivative--an electron microscopic study] Ohnishi Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Nov;88(11):1389-96 (Eng. Abstr.) **(Jpn)**

[Prophylactic treatment of retinal detachment and complemental treatment of retinal detachment surgery by argon laser photocoagulation] Okinami S, et al. **Nippon Ganka Gakkai Zasshi** 1984 Oct;88(10):1311-7 (Eng. Abstr.) **(Jpn)**

[Laser endoscopic treatment of early stomach cancer] Kasugai T, et al. **Nippon Rinsho** 1984 Oct;42(10):2282-6 **(Jpn)**

[Laser endoscopic treatment of colonic cancers] Kumeda S, et al. **Nippon Rinsho** 1984 Oct;42(10):2287-92 **(Jpn)**

[Endoscopic treatment of digestive cancers with Nd-YAG laser and argon dye laser] Oguro Y, et al. **Nippon Rinsho** 1984 Oct;42(10):2272-6 **(Jpn)**

[Preclinical study of endoscopic laser coagulation of human ovaries] Kojima E, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1151-5 (Eng. Abstr.) **(Jpn)**

[Experimental study of brain lesions after combined coaxial exposure to high-peaked pulse wave form CO2 and Nd:YAG lasers on the brain] Tsuyumu M, et al. **No Shinkei Geka** 1985 Apr;13(4):417-23 (Eng. Abstr.) **(Jpn)**

[Laser treatment of glaucoma] Holmberg E. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1836-7 (Eng. Abstr.) **(Nor)**

[Our experience in the argon treatment of eye lesions] Popa DP, et al. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):193-6 (Eng. Abstr.) **(Rum)**

[Argon laser coagulation in focal chorioretinitis] Balashevich LI. **Oftalmol Zh** 1984;(7):414-6 (Eng. Abstr.) **(Rus)**

[Possible mechanisms of the therapeutic action of laser coagulation in occlusions of the retinal vessels] Bochkareva AA, et al. **Oftalmol Zh** 1984;(7):401-3 (Eng. Abstr.) **(Rus)**

[Late results of laser coagulation of the fundus oculi in acute obstruction of the retinal arteries] Saprykin PI, et al. **Oftalmol Zh** 1984;(7):398-401 (Eng. Abstr.) **(Rus)**

[Rheoophthalmographic studies in patients with diabetic retinopathy after laser coagulation] Mironova EM, et al. **Vestn Oftalmol** 1984 Nov-Dec;(6):24-7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Delayed choroidal vascular filling after krypton laser photocoagulation. Johnson R, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):154-8

Acute intraocular pressure elevation produced by argon laser trabeculoplasty in the cynomolgus monkey. Koss MC, et al. **Arch Ophthalmol** 1984 Nov;102(11):1699-703

Massive choroidal haemorrhage as a complication of krypton red laser photocoagulation for disciform degeneration. Gole GA. **Aust N Z J Ophthalmol** 1985 Feb;13(1):37-8

The effect of topically applied prostaglandin inhibitors on the laser-induced disruption of the blood aqueous barrier. Schrems W, et al. **Doc Ophthalmol** 1985 Apr 30;59(3):269-75

Side effects of endobronchial laser treatment. Dierkesmann R, et al. **Endoscopy** 1985 Mar;17(2):49-53

Retinal burns from experimental laser iridotomy. Bongard B, et al. **Ophthalmic Surg** 1985 Jan;16(1):42-4

Foveal photocoagulation from laser iridotomy. Berger BB. **Ophthalmology** 1984 Sep;91(9):1029-33

Complications of krypton red laser photocoagulation to subretinal neovascular membranes. Grabowski WM, et al. **Ophthalmology** 1984 Dec;91(12):1587-91

Effects of the CW YAG laser on the human iris and retina. Peyman GA, et al. **Ophthalmology** 1984 Sep;91(9):1034-9

[Choroidal microcirculatory disturbance in vivo after laser photocoagulation. I. Early recovering process and rheological analysis with high speed microcinematography] Nakayama T. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1517-27 (Eng. Abstr.) **(Jpn)**

[Retinal detachment caused by laser coagulation of the fundus oculi] Szczypiński J, et al. **Klin Oczna** 1984 May;86(5):197-200 (Eng. Abstr.) **(Pol)**

INSTRUMENTATION

Intracranial haemostasis with a neurosurgical CO2-laser unit. Roux FX, et al. **Acta Neurochir (Wien)** 1985;77(1-2):37-40

Emergency combined angiographic and endoscopic Neodymium-YAG laser treatment of a complicated case of massive upper gastrointestinal hemorrhage. Frager J, et al. **Am J Gastroenterol** 1985 Jan;80(1):8-12

Panfunduscope lens for laser photocoagulation in gas-filled pseudophakic or aphakic eyes [letter] Meyers SM, et al. **Arch Ophthalmol** 1985 Aug;103(8):1109-10

Treatment of hereditary hemorrhagic telangiectasia by Nd-YAG laser photocoagulation. Shapshay SM, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1554-6

[Krypton laser in the treatment of subretinal neovessels in senile macular degeneration. Apropos of 60 cases] Koenig F, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):857-60 **(Fre)**

[Polyvalent miniaturized infrared laser (for section and coagulation)] Quentel G, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1249-50 **(Fre)**

[Concept of a new instrument with simultaneous FAG imaging for guided panretinal laser coagulation in diabetes mellitus] Steinhuber W. **Fortschr Ophthalmol** 1984;81(5):474-5 (Eng. Abstr.) **(Ger)**

[Clinical use of a laser coagulator in detachment microsurgery] Winter R. **Fortschr Ophthalmol** 1984;81(3):254-6 (Eng. Abstr.) **(Ger)**

[Berlin dye laser] Wollensak J, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):547-9 (Eng. Abstr.) **(Ger)**

[Tonsillectomy with a laser dissector. Preliminary report] Lenz H. **Laryngol Rhinol Otol (Stuttg)** 1984 Nov;63(11):582-4 (Eng. Abstr.) **(Ger)**

[Argon dye laser endoscopy: apparatus and technics] Mimura S, et al. **Nippon Rinsho** 1984 Oct;42(10):2265-71 **(Jpn)**

[A microscope coupled with an argon laser for microsurgery of retinal detachment] Draeger J, et al. **Klin Oczna** 1985 Feb;87(2):81-2 (Eng. Abstr.) **(Pol)**

[New laser instruments in abdominal surgery] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):115-6 **(Rus)**

[Use of the laser scalpel in operations on parenchymatous abdominal organs] Koshelev VN, et al. **Vestn Khir** 1985 Mar;134(3):45-8 (Eng. Abstr.) **(Rus)**

METHODS

Vitrectomy and photocoagulation in the management of serous detachment associated with optic nerve pits. Alexander TA, et al. **Aust J Ophthalmol** 1984 May;12(2):139-42

Peripheral panretinal photocoagulation and perfluoropropane/air mixture in vitreoretinal surgery for proliferative vitreoretinopathy. Fisher Y, et al. **Dev Ophthalmol** 1985;11:194-9

New technique for the argon laser in the treatment of port wine stains. Lee KJ, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):872-3

The effect of thermal mode Nd:YAG laser radiation on vessels and ocular tissues. Experimental and clinical findings. Fankhauser F, et al. **Ophthalmology** 1985 Mar;92(3):419-26

Experiments on the absorption of argon and krypton laser by blood. Folk JC, et al. **Ophthalmology** 1985 Jan;92(1):100-8

[75 cases of argon laser iridectomy using Abraham's method in angle-closure glaucoma] Arnéodo J, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):933-5 (Eng. Abstr.) **(Fre)**

[Treatment of diabetic cystoid macular edema by argon laser photocoagulation] Gaudric A, et al. **J Fr Ophtalmol** 1984;7(4):291-304 (Eng. Abstr.) **(Fre)**

[Dosing of retinal coagulation in diabetic retinopathy? Oscillatory retinal potentials as an indicator of stabilized retinal function] Hennekes R, et al. **Fortschr Ophthalmol** 1984;81(3):271-3 (Eng. Abstr.) **(Ger)**

[Reconstruction of bronchial system passages using laser] Dierkesmann R. **Internist (Berlin)** 1985 Jan;26(1):18-21 **(Ger)**

[Therapy of gastrointestinal tumors with laser] Sander R, et al. **Internist (Berlin)** 1985 Jan;26(1):22-8 **(Ger)**

[Initial experiences in the treatment of changes in the anterior eye segment with the neodymium:YAG laser] Dardenne MU, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):87-92 (Eng. Abstr.) **(Ger)**

[Laser gonioplasty in therapy-resistant acute closed-angle glaucoma] Strasser G. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):32-3 (Eng. Abstr.) **(Ger)**

[Flattening of hypertrophic scars by punctiform argon ion laser coagulation in several sessions] Lenz H. **Laryngol Rhinol Otol (Stuttg)** 1985 Jun;64(6):287-9 (Eng. Abstr.) **(Ger)**

[YAG laser endoscopy: apparatus and technics] Mizushima K, et al. **Nippon Rinsho** 1984 Oct;42(10):2259-64 **(Jpn)**

[Use of lasers in medicine] Kwaśniewski SW, et al. **Nowotwory** 1984 Jul-Sep;34(3):223-7 (Eng. Abstr.) **(Pol)**

[Laser surgery on the heart conduction pathways] Bredikis IuIu, et al. **Kardiologiia** 1985 May;25(5):98-9 **(Rus)**

[Endoscopic hemostasis by means of laser photocoagulation] Sokolov VI, et al. **Klin Med (Mosk)** 1985 Mar;63(3):13-9 (46 ref.) **(Rus)**

[Establishment of the optimal space-time characteristics for trans-scleral laser irradiation and its experimental study] Legeza SG, et al. **Oftalmol Zh** 1985;(3):170-3 (Eng. Abstr.) **(Rus)**

LASER VELOCIMETERS see **FLOWMETERS**

LASERS

see related
HOLOGRAPHY

A multiple approach to the study of high dose laser lesions on the retina. Liu CH, et al. **Acta Histochem (Jena)** 1984;75(1):9-25

In vitro survey of low energy laser beam penetration in compact bone. Bossy J, et al. **Acupunct Electrother Res** 1985;10(1-2):35-9

Effect of He-Ne laser on the midgut cells of Drosophila auraria larvae and its correlation with acupuncture. Dimitriadis VK, et al. **Acupunct Electrother Res** 1985; 10(1-2):67-72

A comparative study of laser beam characteristics in blood and saline media. Fenech A, et al. **Am J Cardiol** 1985 May 1;55(11):1389-92

Identification of photoproducts liberated by in vitro argon laser irradiation of atherosclerotic plaque, calcified cardiac valves and myocardium. Isner JM, et al. **Am J Cardiol** 1985 Apr 15;55(9):1192-6

Selective absorption of ultraviolet laser energy by human atherosclerotic plaque treated with tetracycline. Murphy-Chutorian D, et al. **Am J Cardiol** 1985 May 1; 55(11):1293-7

Endoscopic laboratory with laser: organization, safety, and equipment. Brown JH. **Am J Gastroenterol** 1985 Sep; 80(9):713-4

The fire hazard of carbon dioxide laser surgery [letter] Ehrlich WV, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):817-8

Flicker electroretinograms and visual evoked potentials in the evaluation of laser flash effects. Schmeisser ET. **Am J Optom Physiol Opt** 1985 Jan;62(1):35-9

Helium retards endotracheal tube fires from carbon dioxide lasers. Pashayan AG, et al. **Anesthesiology** 1985 Mar; 62(3):274-7

Neodymium:YAG laser fiber steering device for carbon dioxide laser rigid bronchoscope set. Ossoff RH. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):469-70

Flexible nontoxic fiberoptic delivery system for the carbon dioxide laser. Rontal M, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):357-60

Penetration of unfocused laser light into the skin. Kolari PJ. **Arch Dermatol Res** 1985;277(4):342-4

Application of optical diffractometry for analysis of the morphological structure of cells and tissue. Dziedzic-Goclawska A, et al. **Arch Ital Anat Embriol** 1984 Apr-Jun;89(2):85-113

Experimental YAG laser sclerostomy. March WF, et al. **Arch Ophthalmol** 1984 Dec;102(12):1834-6

Differential effects of Nd-YAG laser on collagen and elastin production by chick embryo aortae in vitro. Relevance to laser angioplasty for removal of atherosclerotic plaques. Abergel RP, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):462-8

The two-photon induced fluorescence of the tumor localizing photosensitizer hematoporphyrin derivative via 1064 nm photons from a 20 ns Q-switched Nd-YAG laser. Bodaness RS, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):346-51

Quantitative analysis of lymphocyte-Salmonella interaction and effect of lymphocyte irradiation by Helium-Neon laser. Passarella S, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):546-52

Picosecond spectroscopy: applications in biochemistry. Part II: Applications. Doust TA, et al. **Biochem Soc Trans** 1984 Aug;12(4):633-5

Picosecond spectroscopy: applications in biochemistry. Part I: Techniques. Doust TA, et al. **Biochem Soc Trans** 1984 Aug;12(4):630-2

Light scattering and correlation measurement. Johnson P. **Biochem Soc Trans** 1984 Aug;12(4):623-5

Laser Doppler microscopy. Johnson RP. **Biochem Soc Trans** 1984 Aug;12(4):635-7

Low-angle laser light scattering from surfactant solubilized biological macromolecules. Jones MN, et al. **Biochem Soc Trans** 1984 Aug;12(4):625-7

Thermal lens measurements in the cornea. Venkatesh S, et al. **Br J Ophthalmol** 1985 Feb;69(2):92-5

In vitro studies with a pulsed neodymium/YAG laser. Venkatesh S, et al. **Br J Ophthalmol** 1985 Feb;69(2):86-91

Compositional, structural, and phase changes in in vitro laser-irradiated human tooth enamel. Kuroda S, et al. **Calcif Tissue Int** 1984 Jul;36(4):361-9

The clinical use of laser-excited fluorometry. Sepaniak MJ. **Clin Chem** 1985 May;31(5):671-8

Investigation of the erythema effectiveness curve with tunable lasers. Anders A, et al. **Derm Beruf Umwelt** 1984; 32(5):166-70

Translocation of latex beads after laser ablation of the avian neural crest. Coulombe JN, et al. **Dev Biol** 1984 Nov; 106(1):121-34

The in vitro photolysis of whole rat lenses using focused 290 nm laser radiation. Hibbard LB, et al. **Exp Eye Res** 1985 Feb;40(2):285-95

Resonance Raman spectroscopy and enhanced photoreducibility for the 420 nm pulsed form of cytochrome oxidase. Copeland RA, et al. **FEBS Lett** 1985 Mar 25;182(2):375-9

Increase of proton electrochemical potential and ATP synthesis in rat liver mitochondria irradiated in vitro by helium-neon laser. Passarella S, et al. **FEBS Lett** 1984 Sep 17;175(1):95-9

Ultrastructural changes of the trabecular meshwork of the monkey (Macaca speciosa) following irradiation with argon laser light. van der Zypen E, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(6):249-61

Vitreous morphology after carbon dioxide laser irradiation. Yoshimoto H, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(6):276-81

Cytotoxic effects following micro-irradiation of cultured cells sensitized with haematoporphyrin derivative. Moreno G, et al. **Int J Radiat Biol** 1985 Apr;47(4):383-6

'Contact glass for use with high power lasers--geometrical and optical aspects', by P. Roussel and F. Fankhauser (1). Lotmar W. **Int Ophthalmol** 1984 Jun;7(2):101-7

In vitro effects of argon laser radiation on blood: quantitative and morphologic analysis. Abela GS, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):231-7

Laser catheter-induced atrioventricular nodal delays and atrioventricular block in dogs: acute and chronic observations. Narula OS, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):259-67

Assessment of magnesium and aluminum in erythrocytes by the laser microprobe mass analyzer (LAMMA). Zumkley H, et al. **J Am Coll Nutr** 1984;3(4):303-9

Cutting sutures and suture ends with the argon laser [letter] Macoul KL. **J Am Intraocul Implant Soc** 1984 Summer; 10(3):357

Pulsatile poststenotic flow studies with laser Doppler anemometry. Ahmed SA, et al. **J Biomech** 1984; 17(9):695-705

Laser Doppler measurements of blood flow in skin tissue. Boggett D, et al. **J Biomed Eng** 1985 Jul;7(3):225-32

Epidermal cell outgrowth from CO2 laser- and scalpel-cut explants: implications for wound healing. Moreno RA, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):863-8

Usefulness of a scanning laser stimulated luminescence (SLSL) system for electron microscopy--a new image recording system. Ichihara S, et al. **J Electron Microsc (Tokyo)** 1984;33(3):255-7

A laser diffraction method for measuring muscle sarcomere length in vivo for application to tendon transfers. Fleeter TB, et al. **J Hand Surg [Am]** 1985 Jul;10(4):542-6

Photometric analysis of antifading reagents for immunofluorescence with laser and conventional illumination sources. Böck G, et al. **J Histochem Cytochem** 1985 Jul;33(7):699-705

Low-fluence CO2 laser irradiation: selective epidermal damage to human skin. Kamat BR, et al. **J Invest Dermatol** 1985 Sep;85(3):274-8

Kinetics of sickle hemoglobin polymerization. I. Studies using temperature-jump and laser photolysis techniques. Ferrone FA, et al. **J Mol Biol** 1985 Jun 25;183(4):591-610

An intensity expression of optical diffraction from striated muscle fibres. Fujime S. **J Muscle Res Cell Motil** 1984 Oct; 5(5):577-87

In vitro simulation of neural trauma by laser. Kirkpatrick JB, et al. **J Neuropathol Exp Neurol** 1985 May;44(3):268-84

A He-Ne laser position-detector for recording jaw movements: principle of operation and application in animal experiments. Morimoto T, et al. **J Neurosci Methods** 1984 Aug;11(3):193-8

Design of a slow-release capsule using laser drilling. Jain NK, et al. **J Pharm Sci** 1984 Dec;73(12):1806-11

A new second-puncture probe for CO2 laser laparoscopy. Daniell JF, et al. **J Reprod Med** 1985 Feb;30(2):89-92

Sutureless extra-intracranial anastomosis by laser [letter] Jain KK. **Lancet** 1984 Oct 6;2(8406):816-7

Biological effect of He-Ne laser: investigations on functional and micromorphological alterations of cell membranes, in vitro. Kubasova T, et al. **Lasers Surg Med** 1984;4(4):381-8

Ultrastructural and pharmacologic studies on laser-induced glaucoma in primates and rabbits. March WF, et al. **Lasers Surg Med** 1984;4(4):329-35

The biomedical effects of laser application. Mester E, et al. **Lasers Surg Med** 1985;5(1):31-9

The effect of epidermal pigmentation on selective vascular effects of pulsed laser. Tan OT, et al. **Lasers Surg Med** 1984;4(4):365-74

Optical properties of human blood vessel wall and plaque. van Gemert MJ, et al. **Lasers Surg Med** 1985;5(3):235-7

Automated laser light scattering system for assessment of sperm motility. Earnshaw JC, et al. **Med Biol Eng Comput** 1985 May;23(3):263-8

Laser Doppler surveillance of the circulation of free flaps and replanted digits. Hedén PG, et al. **Microsurgery** 1985; 6(1):11-9

Laser biology and medicine. Letokhov VS. **Nature** 1985 Jul 25-31;316(6026):325-30 (76 ref.)

The SHARPLAN family of CO2 lasers for surgery. Dagan J. **Neurosurg Rev** 1984;7(2-3):113-121

Biophysical basis and technical requisites for the use of Nd-YAG laser in neurosurgery. Frank F. **Neurosurg Rev** 1984;7(2-3):145-50

Comparison of the effect of the carbon dioxide laser and the bipolar coagulator on the cat brain. Cozzens JW, et al. **Neurosurgery** 1985 Apr;16(4):449-53

Experimental carbon dioxide laser brain lesions and intracranial dynamics: Part 1. Effect on intracranial pressure, systemic arterial pressure, central venous pressure, electroencephalography, and gross pathology. Tiznado E, et al. **Neurosurgery** 1985 Jan;16(1):5-8

Experimental carbon dioxide laser brain lesions and intracranial dynamics: Part 2. Effect on brain water content and its response to acute therapy. Tiznado EG, et al. **Neurosurgery** 1985 Apr;16(4):454-7

Design of new contact lens for YAG laser filtering procedures. March WF, et al. **Ophthalmic Surg** 1985 May; 16(5):328, 330

Excimer laser ablation of the cornea and lens. Experimental studies. Puliafito CA, et al. **Ophthalmology** 1985 Jun; 92(6):741-8

Hazard to endotracheal tubes by CO2 laser beam. Experimental report. Ohashi N, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):22-5

Studies on experimental brain edema caused by Nd:YAG laser irradiation: measurement of water content by gas-liquid chromatography. Choi SK, et al. **Osaka City Med J** 1984 Jun;30(1):39-51

A new laser-laryngoscope coupler. Karlan MS, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):717-9

Dye laser intracavity absorption as an optical probe in condensed phase and biological systems. Giniger R, et al. **Photochem Photobiol** 1985 Apr;41(4):421-8

Optical penetration in human intracranial tumors. Svaasand LO, et al. **Photochem Photobiol** 1985 Jan;41(1):73-6

How may external and interstitial illumination be compared in laser photodynamic therapy? McKenzie AL. **Phys Med Biol** 1985 May;30(5):455-60

Effects of clinical infrared laser on superficial radial nerve conduction. Greathouse DG, et al. **Phys Ther** 1985 Aug; 65(8):1184-7

Recent advances in laser microprobe mass analysis (LAMMA) of inner ear tissue. Meyer zum Gottesberge-Orsulakova A, et al. **Scan Electron Microsc** 1985;(Pt 1):393-405

Laser chemical analysis. Zare RN. **Science** 1984 Oct 19; 226(4672):298-303 (77 ref.)

Lasers in ophthalmology. Ffytche TJ. **Trans Med Soc Lond** 1982-84;99-100:103-7

[The effect of irradiation with the He-Ne laser on salivary lysozyme] Hubáček J, et al. **Cesk Otolaryngol** 1985 Jun; 34(3):147-51 (Eng. Abstr.) **(Cze)**

[Changes in the phagocytic activity of neutrophilic leukocytes after irradiation with the He-Ne laser] Hubáček J, et al. **Cesk Otolaryngol** 1985 Jun;34(3):141-6 (Eng. Abstr.) **(Cze)**

[Effects of the CO2 laser on mandibular bone. Preliminary study] Panossian B, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):653-5 (Eng. Abstr.) **(Fre)**

[Comparison between the Nd YAG Q-switched laser and the mode-switched type. Preliminary note] Peters O, et al. **Bull Soc Belge Ophtalmol** 1983;207:121-7 (Eng. Abstr.) **(Fre)**

[Monochromatic green argon laser. Evaluation after 2 years' comparative study] Pithon F. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):187-8, 191-4 (Eng. Abstr.) **(Fre)**

[Differences in the effects of laser radiation on the myocardium and liver induced by a combination of histochemical succinate dehydrogenase demonstration and acridine orange fluorochromy (MS-AO-technic)] Sajkiewicz K, et al. **Acta Histochem (Jena)** 1985; 76(2):157-62 (Eng. Abstr.) **(Ger)**

[Measurement of sperm motility by Laser-Doppler-spectroscopy in routine andrology lab tests] Pusch HH. **Andrologia** 1985 May-Jun;17(3):217-23 (Eng. Abstr.) **(Ger)**

[Morphological and morphometric analysis of the chick embryo intestine in organotypic culture after laser irradiation] Gheri Bryk S. et al. **Arch Ital Anat Embriol** 1984 Apr-Jun;89(2):141-52 **(Ita)**

[The laser in medicine: an instrument of precision and great versatility] Trojani FT. **Clin Ter** 1985 Feb 15;112(3):277-9 **(Ita)**

[Biological effects of the combined action of laser radiation and hematoporphyrin on a strain of Salmonella typhimurium (TA 100)] Curci E, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):290-9 (Eng. Abstr.) **(Ita)**

[Biological effects of the combined action of laser radiation and methylene blue on a strain of Salmonella typhimurium (TA 1538) (I)] Curci E, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):48-56 (Eng. Abstr.) **(Ita)**

[Biological effects of laser radiation and methylene blue on a strain of Salmonella typhimurium (TA 100) (II)] Pasquetto N, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun; 76(1-6):57-61 (Eng. Abstr.) **(Ita)**

[Basic physical principles of the laser] Re F, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):993-7 (Eng. Abstr.) **(Ita)**

[Analysis of the biological effects of soft lasers] Re F, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):357-9 (14 ref.) (Eng. Abstr.) **(Ita)**

[Immunoglobulins (G, A, M) in umbilical cord blood: determination using laser nephelometry] Caielli R, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):163-70 (Eng. Abstr.) **(Ita)**

[Increase in acid resistance of hamster enamel by using a normal pulse Nd-YAG laser] Morioka T, et al. **Fukuoka Igaku Zasshi** 1985 Feb;76(2):49-53 **(Jpn)**

[Vitreous fluorophotometry after the argon laser photocoagulation in monkey's eyes] Watanabe M, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):323-34 (Eng. Abstr.) **(Jpn)**

[Experimental study of the effect of laser rays on the chordae tendineae of the mitral valve] Furlanetto BH, et al. **Arq Bras Cardiol** 1984 Aug;43(2):93-6 (Eng. Abstr.) **(Por)**

[Is the coherence of low-intensity laser light essential for its effect on biological objects?] Lobko VV, et al. **Biofizika** 1985 Mar-Apr;30(2):366-71 (Eng. Abstr.) **(Rus)**

[Measurement of the optical parameters of animal and human tissues in exposure to lasers] Polonskiĭ AK, et al. **Biol Nauki** 1984;(10):108–11 (Eng. Abstr.) **(Rus)**

[RNA-protein cross-links in the 30S ribosome subunit of Escherichia coli induced by high-intensity laser ultraviolet radiation] Budovskiĭ EI, et al. **Dokl Akad Nauk SSSR** 1985; 281(4):971–4 **(Rus)**

[Effect of the helium-neon laser in different irradiation regimens on corneal cells after exposure to ionizing radiation] Buliakova NV. **Dokl Akad Nauk SSSR** 1984; 279(2):499–501 **(Rus)**

[Effects of exposure to neodymium laser radiation on biological tissues] Pinchuk VG, et al. **Dokl Akad Nauk SSSR** 1984;279(5):1257–60 **(Rus)**

[Effect of laser radiation on the regenerative processes in exposure to ionizing radiation] Popova MF, et al. **Dokl Akad Nauk SSSR** 1984;279(6):1504–7 **(Rus)**

[Growth kinetics of HeLa tumor cells during subculturing after irradiation with low-intensity red light in the stationary growth phase] Karu TI, et al. **Eksp Onkol** 1984; 6(4):60–2 (Eng. Abstr.) **(Rus)**

[Laser flow-type counter-analyzer for microparticles] Aref'ev IM, et al. **Med Tekh** 1984 Sep–Oct;(5):28–33 (Eng. Abstr.) **(Rus)**

[Laser treatment of the eyes of microsurgical needles] Matukhnov VM, et al. **Med Tekh** 1984 Jul–Aug;(4):37 (Eng. Abstr.) **(Rus)**

[Products of laser photolysis of thymine and their transformation in chemical hydrolysis of polynucleotides to the bases] Iakovlev DIu, et al. **Radiobiologiia** 1984 Sep–Oct;24(5):590–4 (Eng. Abstr.) **(Rus)**

[Effect of helium-neon laser radiation on the radiosensitivity of Escherichia coli K-12 cells] Voskanian KSh, et al. **Radiobiologiia** 1985 Jul–Aug;25(4):557–60 (Eng. Abstr.) **(Rus)**

[Comparative study of the optical properties of biological tissues in exposure to helium-neon and helium-cadmium laser radiation] Laprun IB, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul–Aug;(4):50–2 **(Rus)**

ADVERSE EFFECTS

The immediate IOP response of Nd-YAG-laser iridotomy and its prophylactic treatability. Schrems W, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):673–80

Acute continuous argon-laser induced tissue effects in the isolated canine heart. Ben-Shachar G, et al. **Am Heart J** 1985 Jul;110(1 Pt 1):65–70

Potential complications of coronary laser angioplasty. Lee G, et al. **Am Heart J** 1984 Dec;108(6):1577–9

Analysis of electronically pulsed versus quasi-continuous wave carbon dioxide lasers in an animal model. Bellina JH, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):934–40

Neodymium-YAG capsulotomy and potential blindness [letter] Blackwell C, et al. **Am J Ophthalmol** 1984 Oct 15; 98(4):521–2

Retinal pigment epithelial rip during krypton red laser photocoagulation. Gass JD. **Am J Ophthalmol** 1984 Dec 15;98(6):700–6

Progressive glaucomatous visual field loss after neodymium-YAG laser capsulotomy. Kurata F, et al. **Am J Ophthalmol** 1984 Nov;98(5):632–4

Intermediate-term changes in intraocular pressure after neodymium-YAG laser posterior capsulotomy. Leys MJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):332–3

Vitreous changes after neodymium-YAG laser irradiation of the posterior lens capsule or mid-vitreous [letter] Seiler T, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):522–4

Ocular effect of neodymium-YAG laser [letter] Sherrard ES, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):368–70

Corneal endothelial trauma after Descemet's membranotomy with the neodymium-YAG laser. Slomovic AR, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):484–5

Visual evoked potential correlates of laser flashblindness in rhesus monkeys I. Argon laser flashes. Previc FH, et al. **Am J Optom Physiol Opt** 1985 May;62(5):309–21

Posttreatment complications of the argon laser [letter] Ratz LL, et al. **Arch Dermatol** 1985 Jun;121(6):714

Central retinal artery occlusion following YAG synechialysis [letter] Paylor R. **Arch Ophthalmol** 1985 Mar;103(3):325–6

Choroidal reaction and vascular repair after chorioretinal photocoagulation with the free-running neodymium-YAG laser. van der Zypen E, et al. **Arch Ophthalmol** 1985 Apr; 103(4):580–9

Laser accidents [letter] Wolfe JA. **Arch Ophthalmol** 1985 Feb; 103(2):174–5

Pneumopericardium: an unusual complication of endotracheal laser surgery. Vourc'h G, et al. **Br J Anaesth** 1985 Apr;57(4):451–2

Damage to the corneal endothelium during Nd/YAG photodisruption. Kerr Muir MG, et al. **Br J Ophthalmol** 1985 Feb;69(2):77–85

Effect of irradiation with CO2 laser on dog periodontal tissues. Barahona JF. **Bull Tokyo Med Dent Univ** 1984 Sep; 31(3):165–86

Factors contributing to perforations resulting from laser coronary angioplasty: observations in an intact human postmortem preparation of intraoperative laser coronary angioplasty. Isner JM, et al. **Circulation** 1985 Sep;72(3 Pt 2):II191–9

Hyperpigmentation induced by argon laser therapy of hemangiomas. Optical and electron microscope studies. Bonafé JL, et al. **Dermatologica** 1985;170(5):225–9

Laser induced thermal injury of rabbit cornea and treatment with anti-inflammatory agents. Wolfe JA, et al. **Doc Ophthalmol** 1985 Apr 30;59(3):277–99

Wound healing by the rat lens after neodymium-YAG laser injury. Gona O, et al. **Exp Eye Res** 1985 Feb;40(2):251–61

Incidence of bacteremia with elective upper gastrointestinal endoscopic laser therapy. Wolf D, et al. **Gastrointest Endosc** 1985 Aug;31(4):247–50

Chemical studies of intraocular lenses after experimental generation of lesions by a short-pulsed Nd-YAG laser. Scheiffarth OF, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):43–4

Neodymium YAG laser effects on rabbit lenses. A scanning electron microscopic investigation using Q-switched and mode-locked lasers. Vester C, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):101–8

Guidelines on limits of exposure to laser radiation of wavelengths between 180 nm and 1 mm. International Non-Ionizing Radiation Committee of the International Radiation Protection Association. **Health Phys** 1985 Aug; 49(2):341–59

Theoretical investigations of laser thermal retinal injury. Birngruber R, et al. **Health Phys** 1985 Jun;48(6):781–96

Hazard analysis technique for multiple wavelength lasers. Lyon TL. **Health Phys** 1985 Aug;49(2):221–6

Safety with lasers [letter] Wolfe JA. **Health Phys** 1985 Jul; 49(1):113

Corneal damage induced by pulsed CO2 laser radiation. Zuclich JA, et al. **Health Phys** 1984 Dec;47(6):829–35

Measurement and prediction of thermal injury in the retina of the rhesus monkey. Welch AJ, et al. **IEEE Trans Biomed Eng** 1984 Oct;31(10):633–43

Neodymium:YAG laser iridotomy in the cynomolgus monkey. Dragon DM, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):789–96

Long-term effects of Q-switched ruby laser on monkey anterior chamber angle. Gaasterland DE, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):129–35

Influence of picosecond and nanosecond YAG laser capsulotomy on intraocular pressure. Aron-Rosa DS. **J Am Intraocul Implant Soc** 1985 May;11(3):249–52

Photometric evaluation of YAG-induced polymethylmethacrylate damage in a keratoprosthesis. Bath PE, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):253–6

Alterations in the blood-aqueous barrier of the rabbit eye after neodymium: YAG photodisruption. Fishman PH, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):364–6

Intraocular lens design for the neodymium:YAG laser. Myers WD, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):35–6

Measurement of the laser exposure levels for burn threshold in biological tissue. Laufer G, et al. **J Biomech Eng** 1984 Aug;106(3):283–4

Tattoo removal [letter] Zimmerman MC. **J Dermatol Surg Oncol** 1984 Nov;10(11):911

Ultrastructural changes in human skin after exposure to a pulsed laser. Nakagawa H, et al. **J Invest Dermatol** 1985 May;84(5):396–400

Safety with surgical lasers. McKenzie AL. **J Med Eng Technol** 1984 Sep–Oct;8(5):207–14

Affirmation of serious professional misconduct for failure to provide proper care after tattoo removal by laser. Brahams D. **Lancet** 1984 Sep 29;2(8405):762

Prevention of facial burns during laser laryngoscopy. Colman MF, et al. **Laryngoscope** 1985 Mar;95(3):349

Thermal effects of the Nd:YAG and carbon dioxide lasers on the central nervous system. Burke L, et al. **Lasers Surg Med** 1985;5(1):67–71

Extensive granuloma pyogenicum as a complication of endolaryngeal argon laser surgery. Dejonckere PH, et al. **Lasers Surg Med** 1985;5(1):41–5

Primary fluorescence of rat muscle after CO2 laser thermal injury. Giordano PA, et al. **Lasers Surg Med** 1984; 4(3):271–8

Observations on the effects of CO2-laser on rat myocardium. Owen ER, et al. **Microsurgery** 1984;5(3):140–3

Laser retinal injury. Wolfe JA. **Milit Med** 1985 Apr; 150(4):177–85

Evoked responses and the laser [letter] Burke LP, et al. **Neurosurgery** 1984 Oct;15(4):608–9

Delayed hyphema after argon laser iridectomy. Rubin L, et al. **Ophthalmic Surg** 1984 Oct;15(10):852–3

Another hypopyon following laser iridotomy [letter] Shin DH. **Ophthalmic Surg** 1984 Dec;15(12):968

Histopathologic verification of position of laser burns in argon laser trabeculoplasty. Starita RJ, et al. **Ophthalmic Surg** 1984 Oct;15(10):854–8

An ultrastructural study of corneal incisions induced by an excimer laser at 193 nm. Marshall J, et al. **Ophthalmology** 1985 Jun;92(6):749–58

Corneal endothelial damage with neodymium:YAG laser. Meyer KT, et al. **Ophthalmology** 1984 Sep;91(9):1022–8

Intraocular pressure elevation following Nd:YAG laser posterior capsulotomy. Richter CU, et al. **Ophthalmology** 1985 May;92(5):636–40

Retinal complications following YAG laser capsulotomy. Winslow RL, et al. **Ophthalmology** 1985 Jun;92(6):785–9

Injuries to the bronchi and lungs caused by laser-ignited endotracheal tube fires. Duncavage JA, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):639–43

Safe instrumentation in laser surgery. Ossoff RH, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):644–8

Histologic study of normal rat brain tissue after neodymium-yttrium aluminum garnet laser irradiation. I. Cerebral hemisphere. Yamagami T, et al. **Surg Neurol** 1985 May;23(5):475–82

Histologic changes in rat brain tissue caused by neodymium-yttrium aluminum garnet laser irradiation. II. Cerebellum. Yamagami T, et al. **Surg Neurol** 1985 Oct; 24(4):421–7

Complications of laser trabeculoplasty. Wise JB. **Trans New Orleans Acad Ophthalmol** 1985;:134–9

[Successful induction of transformation of NIH/3T3 cells in vitro by low energy level He-Ne laser] Xu G, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):19–23 (Eng. Abstr.) **(Chi)**

[Dangers of laser iridectomy in primary angle-closure glaucoma] Kopel J, et al. **Bull Soc Ophtalmol Fr** 1984 Apr; 84(4):357–9 **(Fre)**

[Corneal endothelial changes in anterior capsulotomy and postcataract membranotomy with the neodymium:YAG laser] Neubauer L, et al. **Fortschr Ophthalmol** 1985; 82(1):80–2 (Eng. Abstr.) **(Ger)**

[Experimental studies of the danger of ignition of tubes during endolaryngeal microsurgery with the laser] Fischer PL, et al. **HNO** 1985 Mar;33(3):134–7 (Eng. Abstr.) **(Ger)**

[Accidental bilateral asymmetric ruby laser maculopathy] Lang GK, et al. **Klin Monatsbl Augenheilkd** 1985 May; 186(5):366–70 (Eng. Abstr.) **(Ger)**

[Safety aspects of laser radiation (editorial)] Belkin M. **Harefuah** 1984 Dec 2;107(11):354–6 **(Heb)**

[Ocular damage in the laser industry] Marmur U, et al. **Harefuah** 1985 Apr 1;108(7):357–8 (Eng. Abstr.) **(Heb)**

[Nd:YAG laser posterior capsulotomy and the corneal endothelium] Ohara K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):498–502 (Eng. Abstr.) **(Jpn)**

[Healing patterns of wounds inflicted by a carbon dioxide laser] Galankin VN, et al. **Arkh Patol** 1984;46(9):48–56 (Eng. Abstr.) **(Rus)**

[Morphological characteristics of skeletal muscle after damage by a laser scalpel] Solov'ev VA. **Arkh Patol** 1985; 47(1):24–9 (Eng. Abstr.) **(Rus)**

[Injuries due to laser rays in workers in the graphics industry] Kocijančič M. **Arh Hig Rada Toksikol** 1984 Jun;35(2):181–5 (Eng. Abstr.) **(Scr)**

DIAGNOSTIC USE

The assessment of skin blood flow in peripheral vascular disease by laser Doppler velocimetry. Karanfilian RG, et al. **Am Surg** 1984 Dec;50(12):641–4

The analyses of six common vitamins by laser desorption mass spectroscopy. McMahon JM. **Anal Biochem** 1985 Jun; 147(2):535–45

The prevention of Ca2+ overload in vascular smooth muscle by flunarizine as detected by Laser Microprobe Mass Analysis (LAMMA). De Nollin S, et al. **Angiology** 1985 May;36(5):297–304

A simulation method for the study of laser transillumination of biological tissues. Maarek JM, et al. **Ann Biomed Eng** 1984;12(3):281–304

Comparative assessment of blood flow to canine island flaps. Silverman DG, et al. **Arch Otolaryngol** 1985 Oct; 111(10):677–81

Real-time kinetics of sarcomere relaxation by laser diffraction. Lecarpentier Y, et al. **Circ Res** 1985 Mar; 56(3):331–9

Early detection of lung cancer by means of hematoporphyrin derivative fluorescence and laser photoradiation. Kato H, et al. **Clin Chest Med** 1985 Jun;6(2):237–53

Pharmacological testing in the laser-induced monkey glaucoma model. Lee PY, et al. **Curr Eye Res** 1985 Jul; 4(7):775–81

Efficacy of laser interferometry in predicting visual result of YAG laser posterior capsulotomy. Lang TA, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):367–71

In situ monitoring of myocardial metabolism by laser fluorimetry: relevance of a test of local ischemia. Renault G, et al. **Lasers Surg Med** 1985;5(2):111–22

Cutaneous postocclusive reactive hyperemia monitored by laser doppler flux metering and skin temperature. Ninet J, et al. **Microvasc Res** 1985 Jul;30(1):125–32

Characterization of laser-induced fluorescence in the canine retinal pigment epithelium. Nicolaissen B Jr, et al. **Neurochem Pathol** 1984–85 Winter;2(4):277–84

New computed radiography using scanning laser stimulated luminescence. Kato H, et al. **Neurosurg Rev** 1985;8(1):53–62

A light-guidance system to be used for CT-guided biopsy. Frederick PR, et al. **Radiology** 1985 Feb;154(2):535–6

Functional properties of individual neuronal branches isolated in situ by laser photoinactivation. Jacobs GA, et al. **Science** 1985 Apr 19;228(4697):344–6

The relationship of transcutaneous PO2 and laser Doppler measurements in a human model of local arterial insufficiency. Matsen FA 3d, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):418–22

Lustre changes on teeth. The use of laser light for reflexion measurements on the tooth surface--in vivo. Redmalm G, et al. **Swed Dent J** 1985;9(1):29–35

Laser-induced fluorescence from sound and carious tooth substance: spectroscopic studies. Sundström F, et al. **Swed Dent J** 1985;9(2):71–80

Hemodynamics of the normal human carotid bifurcation: in vitro and in vivo studies. Ku DN, et al.

Ultrasound Med Biol 1985 Jan-Feb;11(1):13-26

[Effect of Salvia miltiorrhiza on mesenteric microcirculatory blood flow in the dog measured by the Doppler effect of laser light] Yu GR. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):546-7, 516 (Eng. Abstr.) **(Chi)**

[Rapid detection of septicemia using a laser nephelometer] Bayardelle P, et al. **Union Med Can** 1985 Jul;114(7):580-2 (Eng. Abstr.) **(Fre)**

[Helium-neon laser—a possibility for the topodiagnosis of tracheal stenoses] Weidauer H, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):43-5 (Eng. Abstr.) **(Ger)**

[Laser nephelometric determination of secretory IgA] Wulf E. **Z Med Lab Diagn** 1984;25(7):401-2 (Eng. Abstr.) **(Ger)**

[Measurement of micro-airbubbles in the extracorporeal circulation by laser bubble detector] Murata S. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec; 32(12):2049-59 (Eng. Abstr.) **(Jpn)**

[Diagnosis of digestive diseases with laser endoscopy] Okazaki Y. **Nippon Rinsho** 1984 Oct;42(10):2277-81 **(Jpn)**

[Fundamental studies on the measurement of skin blood flow by a periflux laser doppler flowmeter and its clinical application] Hatanaka H, et al. **Rinsho Byori** 1984 Sep; 32(9):1025-8 **(Jpn)**

[Laser mass spectrometric method of studying biological tissues] Aref'ev IM, et al. **Lab Delo** 1984;(9):525-8 (Eng. Abstr.) **(Rus)**

[Results of laser retinometry in refractive amblyopia due to astigmatism] Pen'kov MA, et al. **Oftalmol Zh** 1984; (5):278-81 (Eng. Abstr.) **(Rus)**

[Results of using a laser retinometer attachment for the slit lamp] Saprykin PI, et al. **Oftalmol Zh** 1984;(5):281-3 (Eng. Abstr.) **(Rus)**

HISTORY

Lasers in gynecology: an historical/developmental overview. Bellina JH, et al. **Lasers Surg Med** 1985;5(1):1-22

INSTRUMENTATION

Experimental angioplasty: circumferential distribution of laser thermal energy with a laser probe. Sanborn TA, et al. **J Am Coll Cardiol** 1985 Apr;5(4):934-8

THERAPEUTIC USE

Treatment of large condylomata of the penis with the neodymium-YAG-laser. Bahmer FA, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):361-3

CO2 laser and cervical intraepithelial neoplasia. Wright VC, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984;125:1-36

Some factors affecting the intraocular pressure reduction after argon laser trabeculoplasty in open-angle glaucoma. Bergeå B. **Acta Ophthalmol (Copenh)** 1984 Oct; 62(5):696-704

Laser treatment for open angle glaucoma. A one year follow-up. Finnström K. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):23-7

One- and two-session laser trabeculoplasty. A randomized, prospective study. Heijl A. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):715-24

The short-term effect of laser trabeculoplasty on the glaucomatous visual field. A prospective study using computerized perimetry. Heijl A, et al. **Acta Ophthalmol (Copenh)** 1984 Oct;62(5):705-14

The effect of topical indomethacin on acute pressure elevation of laser trabeculoplasty in capsular glaucoma. Tuulonen A. **Acta Ophthalmol (Copenh)** 1985 Apr; 63(2):245-9

Update on upper gastrointestinal bleeding. Tobias R. **Ala J Med Sci** 1985 Jan;22(1):57-60 (13 ref.)

Laser-assisted debridement of aortic valve calcium. Isner JM, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):448-52

Feasibility of laser catheter valvulotomy for aortic and mitral stenosis. Gessman LJ, et al. **Am J Cardiol** 1984 Dec 1; 54(10):1375-7

Limitations, risks and complications of laser recanalization: a cautious approach warranted. Lee G, et al. **Am J Cardiol** 1985 Jul 1;56(1):181-5

Endoscopic laser symposium. **Am J Gastroenterol** 1985 Sep; 80(9):709-33

Nd:YAG laser therapy for gastrointestinal bleeding due to radiation colitis. Berken CA. **Am J Gastroenterol** 1985 Sep; 80(9):730-1

Endoscopic Yag laser therapy in a community hospital. Jacobs WH. **Am J Gastroenterol** 1985 Apr;80(4):270-3

Laser treatment of esophageal cancer. Overholt BF. **Am J Gastroenterol** 1985 Sep;80(9):719-20

Laser treatment of upper gastrointestinal hemorrhage. Overholt BF. **Am J Gastroenterol** 1985 Sep;80(9):721-6

Laser therapy--things to come: multiple spectra and photodynamic therapy. Wood JW. **Am J Gastroenterol** 1985 Sep;80(9):732-3

Practical considerations of endoscopic laser therapy. Wood JW. **Am J Gastroenterol** 1985 Sep;80(9):710-2

Tumor ablation by endoscopic Nd:YAG laser. Wood JW, et al. **Am J Gastroenterol** 1985 Sep;80(9):715-8

Carbon dioxide laser for combination excisional-vaporization conization. Baggish MS, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):23-7

Laser treatment of cervical intraepithelial neoplasia in an office setting. Indman PD, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):674-6

Superficial laser vulvectomy. I. The efficacy of extended superficial ablation for refractory and very extensive condylomas. Reid R. **Am J Obstet Gynecol** 1985 Apr 15; 151(8):1047-52

Superficial laser vulvectomy. II. The anatomic and biophysical principles permitting accurate control over the depth of dermal destruction with the carbon dioxide laser. Reid R, et al. **Am J Obstet Gynecol** 1985 Jun 1; 152(3):261-71

Superficial laser vulvectomy. III. A new surgical technique for appendage-conserving ablation of refractory condylomas and vulvar intraepithelial neoplasia. Reid R. **Am J Obstet Gynecol** 1985 Jul 1;152(5):504-9

Laser cylindrical excision to replace conization. Wright VC, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):704-9

Evolution of laser technology in ophthalmology [editorial] Aaberg TM. **Am J Ophthalmol** 1985 Apr 15;99(4):480-1

Laser punctoplasty for the treatment of punctal stenosis. Awan KJ. **Am J Ophthalmol** 1985 Aug 15;100(2):341-2

Treatment of diabetic traction retinal detachment with the pulsed neodymium-YAG laser. Brown GC, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):258-62

Effect of cataract surgery on intraocular pressure reduction obtained with laser trabeculoplasty. Brown SV, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):373-6

Treatment of acquired epithelial inclusion cyst of the conjunctiva using the YAG laser [letter] de Bustros S, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):807-8

Laser iridectomy in the management of chronic angle-closure glaucoma. Gieser DK, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):446-50

Argon laser iridocorneal adhesiolysis. Gross JG, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):330-1

Two-stage argon laser trabeculoplasty in open-angle glaucoma. Klein HZ, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):392-5

A modified technique for serial use of argon and neodymium-YAG lasers in laser iridotomy. Naveh-Floman N, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):485-6

Topical indomethacin therapy before argon laser trabeculoplasty. Pappas HR, et al. **Am J Ophthalmol** 1985 May 15;99(5):571-5

Endoexcimer laser intraocular ablative photodecomposition. Pellin MJ, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):483-4

Excimer laser therapy for experimental Candida keratitis. Serdarevic O, et al. **Am J Ophthalmol** 1985 May 15; 99(5):534-8

Argon laser trabeculoplasty as a means of decreasing intraocular pressure from 'normal' levels in glaucomatous eyes. Sharpe ED, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):704-7

Biconcave contact lens for examination and laser treatment of the fundus in normal and gas-filled phakic eyes [letter] Stefánsson E, et al. **Am J Ophthalmol** 1984 Dec 15; 98(6):806-7

Argon laser photomydriasis during vitrectomy surgery [letter] Stern WH. **Am J Ophthalmol** 1985 Mar 15; 99(3):366-7

Neodymium-YAG laser therapy to the anterior hyaloid in aphakic malignant (ciliovitreal block) glaucoma [letter] Strasser G. **Am J Ophthalmol** 1985 Mar 15;99(3):368

Factors influencing the outcome of laser trabeculoplasty. Tuulonen A, et al. **Am J Ophthalmol** 1985 Apr 15; 99(4):388-91

A fluorophotometric study of the effect of argon laser trabeculoplasty on aqueous humor dynamics. Yablonski ME, et al. **Am J Ophthalmol** 1985 May 15;99(5):579-82

CO2 laser stapedotomy: is it practical? Gardner G, et al. **Am J Otolaryngol** 1984 Mar-Apr;5(2):108-17

Combined laser therapy and endobronchial radiotherapy for unresectable lung carcinoma with bronchial obstruction. Allen MD, et al. **Am J Surg** 1985 Jul;150(1):71-7

Pulsed ultraviolet lasers and the potential for safe laser angioplasty. Grundfest WS, et al. **Am J Surg** 1985 Aug; 150(2):220-6

Lasers in endoscopic gastrointestinal surgery. Hunter JG, et al. **Am J Surg** 1984 Dec;148(6):736-41

Laser surgery in the airway [letter] Kjeldsen L, et al. **Anaesthesia** 1984 Nov;39(11):1146

Jet ventilation of one lung for laser resection of bronchial tumor. Lee K, et al. **Anesth Analg** 1984 Oct;63(10):957-61

Precautions in use of a new endotracheal tube for laser surgery [letter] Rubiano R, et al. **Anesth Analg** 1985 Oct; 64(10):1037-8

Anesthetic management during Nd-YAG laser resection for major transbronchial obstructing tumors [letter] Vourc'h G, et al. **Anesthesiology** 1984 Nov;61(5):636-7

Endoscopic neodymium-YAG laser palliation of nonresectable esophageal malignancy. Cello JP, et al. **Ann Intern Med** 1985 May;102(5):610-2

Open angle glaucoma in melanosis oculi: response to laser trabeculoplasty. Goncalves V, et al. **Ann Ophthalmol** 1985 Jan;17(1):33-6

Non-pupillary block angle-closure glaucomas and their treatment by laser. Part II: Laser gonioplasty technique [editorial] Kandarakis A, et al. **Ann Ophthalmol** 1984 Oct; 16(10):914

Non-pupillary block angle-closure glaucomas and their treatment by laser. Part I: Description [editorial] Kandarakis A, et al. **Ann Ophthalmol** 1984 Nov; 16(11):1005-6

Argon vs krypton laser lesions: is the wavelength more important than the power. Morse PH. **Ann Ophthalmol** 1985 Jan;17(1):86-91

Laser treatment for retinal vascular diseases. Morse PH. **Ann Ophthalmol** 1985 Feb;17(2):156-62

Vocal function following carbon dioxide laser surgery for glottic carcinoma. Hirano M, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):232-5

Comparison of argon and carbon dioxide laser treatment of decorative tattoos: a preliminary report. Apfelberg DB, et al. **Ann Plast Surg** 1985 Jan;14(1):6-15

Efficacy of the carbon dioxide laser in hand surgery. Apfelberg DB, et al. **Ann Plast Surg** 1984 Oct;13(4):320-6

Effects of low-power diode lasers on flap survival. Kami T, et al. **Ann Plast Surg** 1985 Mar;14(3):278-83

Laser photoablation for the treatment of refractory ventricular tachycardia and endocardial fibroelastosis [editorial] Cox JL. **Ann Thorac Surg** 1985 Mar; 39(3):199-200

Laser photoablation of pathological endocardium: in vitro findings suggesting a new approach to the surgical treatment of refractory arrhythmias and restrictive cardiomyopathy. Isner JM, et al. **Ann Thorac Surg** 1985 Mar;39(3):201-6

One hundred neodymium-YAG laser ablations of obstructing tracheal neoplasms. Parr GV, et al. **Ann Thorac Surg** 1984 Oct;38(4):374-81

Carbon dioxide lasers. Advantages and disadvantages in gyn surgery. Brown NL. **AORN J** 1985 Jul;42(1):53-7

Ultraviolet-laser ablation of skin. Lane RJ, et al. **Arch Dermatol** 1985 May;121(5):609-17

Ultraviolet-laser ablation. Parrish JA. **Arch Dermatol** 1985 May;121(5):599-600

Lasers in medicine [editorial] Gelb AF, et al. **Arch Intern Med** 1985 Apr;145(4):628-9

Endoscopic laser therapy for malignancies affecting the esophagus and gastroesophageal junction. Analysis of technical and functional efficacy. Mellow MH, et al. **Arch Intern Med** 1985 Aug;145(8):1443-6

Argon laser choroidotomy for drainage of subretinal fluid. Bovino JA, et al. **Arch Ophthalmol** 1985 Mar;103(3):443-4

Vitreolysis with the Q-switched laser. Fankhauser F, et al. **Arch Ophthalmol** 1985 Aug;103(8):1166-71

Irradiation of the posterior ocular segment with the neodymium-YAG laser in its free-running mode. Fankhauser F, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1406-12

CO2 laser excision of xanthelasma lesions. Gladstone GJ, et al. **Arch Ophthalmol** 1985 Mar;103(3):440-2

Intraocular pressure and the corneal endothelium after neodymium-YAG laser posterior capsulotomy. Relative effects of aphakia and pseudophakia. Kraff MC, et al. **Arch Ophthalmol** 1985 Apr;103(4):511-4

Histologic study of a neodymium-YAG laser sclerostomy. March WF, et al. **Arch Ophthalmol** 1985 Jun;103(6):860-3

Q-switched neodymium-YAG laser trabeculopuncture in monkeys. Melamed S, et al. **Arch Ophthalmol** 1985 Jan; 103(1):129-33

Prevention of intraocular pressure elevation following neodymium-YAG laser posterior capsulotomy. Richter CU, et al. **Arch Ophthalmol** 1985 Jul;103(7):912-5

Laser iridotomy vs surgical iridectomy. Have the indications changed? Rivera AH, et al. **Arch Ophthalmol** 1985 Sep; 103(9):1350-4

Q-switched neodymium-YAG laser angle surgery in open-angle glaucoma. Robin AL, et al. **Arch Ophthalmol** 1985 Jun;103(6):793-5

Krypton laser trabeculoplasty. A clinical report. Spurny RC, et al. **Arch Ophthalmol** 1984 Nov;102(11):1626-8

Unsuccessful laser cyclophotocoagulation for glaucoma in aniridia [letter] Strasser G. **Arch Ophthalmol** 1985 Jul; 103(7):890

Carbon dioxide laser stapedotomy. Thermal effects in the vestibule. Coker NJ, et al. **Arch Otolaryngol** 1985 Sep; 111(9):601-5

Advances in laser skin surgery for vascular lesions. Keller GS, et al. **Arch Otolaryngol** 1985 Jul;111(7):437-40

Laser arytenoidectomy. Lim RY. **Arch Otolaryngol** 1985 Apr; 111(4):262-3

Laser turbinectomy as an adjunct to rhinoseptoplasty. Selkin SG. **Arch Otolaryngol** 1985 Jul;111(7):446-9

Do any factors predict a favourable response to laser trabeculoplasty? Brooks AM, et al. **Aust J Ophthalmol** 1984 May;12(2):149-53

Carbon dioxide laser surgery for benign oral lesions. Frame JW. **Br Dent J** 1985 Feb 23;158(4):125-8

Conditions for effective Nd-YAG laser angioplasty. Geschwind HJ, et al. **Br Heart J** 1984 Nov;52(5):484-9

Anaesthesia for carbon dioxide laser surgery on the trachea. Taking turns in the airway. Conacher ID, et al. **Br J Anaesth** 1985 Apr;57(4):448-50

The treatment of cervical intraepithelial neoplasia by laser vaporization. Jordan JA, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):394-8

Argon laser iridotomy. Harrad RA, et al. **Br J Ophthalmol** 1985 May;69(5):368-72

The effects of the carbon dioxide surgical laser on oral tissues. Fisher SE, et al. **Br J Oral Maxillofac Surg** 1984 Dec; 22(6):414-25

Argon laser therapy for cutaneous lesions. Craig RD, et al. **Br J Plast Surg** 1985 Apr;38(2):148-55

Argon laser photocoagulation of various angiomas. Maillard GF, et al. **Br J Plast Surg** 1985 Apr;38(2):156-62

Experience using the carbon dioxide laser in the removal of cutaneous tattoos. James SE, et al. **Br J Surg** 1985 Apr;72(4):265-6

Laser irradiation of inoperable tumours of the colon and rectum. Morris AI, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1948

Endolaryngeal carbon dioxide laser arytenoidectomy: evaluation using the flow-volume loop. Abramson AL. **Bull NY Acad Med** 1984 Oct;60(8):825-45

General anaesthesia for Nd:YAG laser resection of obstructing endobronchial tumours using the rigid bronchoscope. Duckett JE, et al. **Can Anaesth Soc J** 1985 Jan;32(1):67-72

Neodymium: YAG laser posterior capsulotomy: visual acuity outcome and intraocular pressure elevation. Slomovic AR, et al. **Can J Ophthalmol** 1985 Apr;20(3):101-4

Treatment of murine intraperitoneal ovarian ascitic tumor with hematoporphyrin derivative and laser light. Tochner Z, et al. **Cancer Res** 1985 Jul;45(7):2983-7

Laser therapy in patients with primary lung cancer. Arabian A, et al. **Chest** 1984 Oct;86(4):519-23

More about the YAG [editorial] Beamis JF Jr, et al. **Chest** 1985 Mar;87(3):277-8

Laser in treatment of lung cancer. Gelb AF, et al. **Chest** 1984 Nov;86(5):662-6

Neodymium-YAG laser treatment of intrabronchial lesions. A new mapping technique via the flexible fiberoptic bronchoscope. Joyner LR Jr, et al. **Chest** 1985 Apr;87(4):418-27

YAG laser photoresection of lesions obstructing the central airways. Kvale PA, et al. **Chest** 1985 Mar;87(3):283-8

Experimental air leaks in lung sealed by low-energy carbon dioxide laser irradiation. LoCicero J 3d, et al. **Chest** 1985 Jun;87(6):820-2

YAG laser therapy. New techniques and conventional wisdom [editorial] McDougall JC, et al. **Chest** 1985 Apr;87(4):416-7

The use of lasers in thoracic surgery [editorial] Shapshay SM, et al. **Chest** 1985 Jun;87(6):706-7

Laser recanalization of occluded atherosclerotic arteries in vivo and in vitro. Abela GS, et al. **Circulation** 1985 Feb;71(2):403-11

Experimental arteriosclerosis treated by argon ion and neodymium-YAG laser endarterectomy. Eugene J, et al. **Circulation** 1985 Sep;72(3 Pt 2):II200-6

Transcatheter ablation: comparison between laser photoablation and electrode shock ablation in the dog. Lee BI, et al. **Circulation** 1985 Mar;71(3):579-86

YAG laser anterior capsulotomy. Manchester T. **CLAO J** 1985 Jan-Mar;11(1):47-9

Symposium on laser techniques. **Clin Chest Med** 1985 Jun;6(2):177-298

Photoradiation therapy of endobronchial lung cancer. Large obstructing tumors, nonobstructing tumors, and early-stage bronchial cancer lesions. Balchum OJ, et al. **Clin Chest Med** 1985 Jun;6(2):255-75

Laser instrumentation and safety. Doiron DR, et al. **Clin Chest Med** 1985 Jun;6(2):209-17

Photodynamic therapy. Dougherty TJ. **Clin Chest Med** 1985 Jun;6(2):219-36 (84 ref.)

Carbon dioxide laser therapy. McElvein RB, et al. **Clin Chest Med** 1985 Jun;6(2):291-5

Physics of surgery with lasers. Polanyi TG. **Clin Chest Med** 1985 Jun;6(2):179-202

Laser-tissue interactions. Sliney DH. **Clin Chest Med** 1985 Jun;6(2):203-8

Neodymium:YAG laser therapy for malignant and benign endobronchial obstructions. Unger M. **Clin Chest Med** 1985 Jun;6(2):277-90

The laser: history, biophysics, and neurosurgical applications. Tew JM Jr, et al. **Clin Neurosurg** 1983;31:506-49

The carbon dioxide laser in the treatment of vulvar disease. Kaufman RH, et al. **Clin Obstet Gynecol** 1985 Mar;28(1):220-9

Lasers in oncology. Carruth JA. **Clin Oncol** 1984 Sep;10(3):197-203

Endoscopic laser surgery for hypopharyngeal diverticula--a preliminary report. Knegt PP, et al. **Clin Otolaryngol** 1984 Oct;9(5):277-9

High frequency ventilation in laser surgery of the larynx. Scheck PA, et al. **Clin Otolaryngol** 1984 Aug;9(4):203-7

The carbon dioxide laser in podiatric medicine. Kaplan BR, et al. **Clin Podiatry** 1985 Jul;2(3):519-22

Laser applications in gynecology. Madanes AE. **Compr Ther** 1985 May;11(5):19-25

Hematoporphyrin derivative photoradiation treatment of experimental malignant melanoma in the anterior chamber of the rabbit. Franken KA, et al. **Curr Eye Res** 1985 May;4(5):641-54

Colonic mucosal lesions: evaluation of monopolar electrocautery, argon laser, and neodymium: YAG laser. Hunter JG, et al. **Curr Surg** 1984 Sep-Oct;41(5):373-5

Results of goniotrephination and of trabeculoplasty in open angle glaucoma. A preliminary report. Grehn F, et al. **Dev Ophthalmol** 1985;11:124-31

External fistulisation of the canal of Schlemm and Nd-YAG laser trabeculotomy. Rich W. **Dev Ophthalmol** 1985;11:132-5

Argon laser trabeculoplasty in exfoliation glaucoma. A retrospective analysis. Svedbergh B, et al. **Dev Ophthalmol** 1985;11:116-23

Effect of argon laser radiation on vascular blemishes of the face. DiBartolomeo JR. **Ear Nose Throat J** 1984 Sep;63(9):423-7

Endoscopic papillotomy with the Nd YAG laser. Sander R, et al. **Endoscopy** 1985 May;17(3):115-6

The role of lasers in infertility surgery. Daniell JF. **Fertil Steril** 1984 Dec;42(6):815-23 (33 ref.)

Tubal patency and pelvic adhesions at early second-look laparoscopy following intraabdominal use of the carbon dioxide laser: initial report of the intraabdominal laser study group. Diamond MP, et al. **Fertil Steril** 1984 Nov;42(5):717-23

Successful pregnancy outcome following removal of bilateral cornual polyps by microsurgical linear salpingotomy with the aid of the CO2 laser. McLaughlin DS. **Fertil Steril** 1984 Dec;42(6):939-41

Reconstructive surgery of hydrosalpinx with and without the carbon dioxide laser. Tulandi T, et al. **Fertil Steril** 1984 Dec;42(6):839-42

Villous adenomas of the rectum. Results of endoscopic treatment with argon and Nd:YAG lasers. Brunetaud JM, et al. **Gastroenterology** 1985 Oct;89(4):832-7

Endoscopic Nd:YAG laser therapy as palliation for esophagogastric cancer. Parameters affecting initial outcome. Fleischer D, et al. **Gastroenterology** 1985 Oct;89(4):827-31

Lasers and cancer [letter] Fleischer D, et al. **Gastroenterology** 1985 Feb;88(2):605-6

YAG laser endoscopic treatment of an esophageal and sigmoid stricture after end-to-end anastomosis stapling. Chen PC, et al. **Gastrointest Endosc** 1984 Aug;30(4):258-60

Endoscopic laser treatment of a congenital duodenal diaphragm in an adult. Gertsch P, et al. **Gastrointest Endosc** 1984 Aug;30(4):253-4

Intragastric levarterenol prior to laser phototherapy. Glaser D. **Gastrointest Endosc** 1985 Feb;31(1):51

YAG laser therapy of gastrointestinal tumors. Groisser VW. **Gastrointest Endosc** 1984 Oct;30(5):311-2

Endoscopic therapy for esophageal carcinoma with Nd:YAG laser: prospective evaluation of efficacy, complications, and survival. Mellow MH, et al. **Gastrointest Endosc** 1984 Dec;30(6):334-9

Endoscopic hemostasis: coaptive heating versus laser photocoagulation [editorial] Silverstein F. **Gastrointest Endosc** 1985 Aug;31(4):287-8

CO2 laser therapy for cervical intraepithelial neoplasia. Caglar H, et al. **Gynecol Oncol** 1985 Sep;22(1):46-50

Laser or cryotherapy for cervical intraepithelial neoplasia: a randomized study to compare efficacy and side effects. Kwikkel HJ, et al. **Gynecol Oncol** 1985 Sep;22(1):23-31

Treatment of vulvar carcinoma in situ with the CO2 laser. Leuchter RS, et al. **Gynecol Oncol** 1984 Nov;19(3):314-22

Treatment of cervical intraepithelial neoplasia with the carbon dioxide laser. Tsukamoto N. **Gynecol Oncol** 1985 Jul;21(3):331-6

Experimental laser phototherapy of the Morris 7777 hepatoma in the rat. Holt S, et al. **Hepatology** 1985 Mar-Apr;5(2):175-80

Interactive stereotactic surgical system for the removal of intracranial tumors utilizing the CO2 laser and CT-derived database. Kall BA, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):112-6

CO2 laser surgery. Tunca JC. **IMJ** 1985 May;167(5):367-9

Management of malignant airway obstruction: clinical and dosimetric considerations using an iridium-192 afterloading technique in conjunction with the neodymium-YAG laser. Schray MF, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):403-9

Other uses of laser in the anterior segment of the eye. Belcher CD 3d, et al. **Int Ophthalmol Clin** 1984 Fall;24(3):121-51 (35 ref.)

Current concepts in laser iridotomy. Pollack IP. **Int Ophthalmol Clin** 1984 Fall;24(3):153-80 (49 ref.)

Laser trabeculoplasty: technique, indications, results, and complications. Thomas JV, et al. **Int Ophthalmol Clin** 1984 Fall;24(3):97-120

Clinical aspects of argon laser trabeculoplasty. Weinreb RN, et al. **Int Ophthalmol Clin** 1984 Fall;24(3):79-95

Surgical applications of laser in neurosurgery [letter] Rocca ED. **Int Surg** 1984 Apr-Jun;69(2):181-2

The laser in surgery. Mehigan D. **Ir Med J** 1984 Oct;77(10):333-4

Control of connective tissue metabolism by lasers: recent developments and future prospects. Abergel RP, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1142-50

Laser ablation of human atherosclerotic plaque without adjacent tissue injury. Grundfest WS, et al. **J Am Coll Cardiol** 1985 Apr;5(4):929-33

Neodymium:YAG laser anterior capsulotomy and a possible new application. Chambless WS. **J Am Intraocul Implant Soc** 1985 Jan;11(1):33-4

Neodymium:YAG laser posterior capsulotomy results and complications. Chambless WS. **J Am Intraocul Implant Soc** 1985 Jan;11(1):31-2

Anterior capsulotomy with the neodymium: YAG laser: results and opinions. Drews RC. **J Am Intraocul Implant Soc** 1985 May;11(3):240-4

YAG laser anterior capsulotomy [letter] Kelman CD. **J Am Intraocul Implant Soc** 1984 Summer;10(3):359-60

Comparison of techniques and clinical results of YAG laser capsulectomy with two Q-switched units. Levy JH, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):131-3

Initial clinical results with YAG laser capsulectomy with a monomode, Q-switched unit (LASAG). Levy JH, et al. **J Am Intraocul Implant Soc** 1984 Summer;10(3):341-2

Early clinical experience with a new generation Q-switched neodymium: YAG laser. Peyman GA, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):292-4

Neodymium: YAG laser for anterior capsulotomy. Richburg FA. **J Am Intraocul Implant Soc** 1985 Jul;11(4):372-5

Cutting efficiency of single shot and burst mode neodymium:YAG lasers. Steinert RF, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):128-30

Directions in ophthalmic laser development. Steinert RF, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):488-90

Neodymium: YAG laser posterior capsulotomy. Wasserman EL, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):245-8

Preliminary report on use of carbon dioxide laser in podiatry. Apfelberg DB, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):509-13

Recanalization of human arteries using Nd-YAG laser carried by optical fibre. Geschwind H, et al. **J Biomed Eng** 1984 Oct;6(4):281-3

Lasers in dermatology--1985. Bailin PL. **J Dermatol Surg Oncol** 1985 Mar;11(3):328-34

Laser vermilion ablation for actinic cheilitis. David LM. **J Dermatol Surg Oncol** 1985 Jun;11(6):605-8

Tumor conference 54. Laser treatment of penile hemangiomas. Kopf AW, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):20-2

CO2 laser treatment of trichoepithelioma with focused and defocused beam. Sawchuk WS, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):905-7

Carbon dioxide laser treatment of granuloma faciale. Wheeland RG, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):730-3

Laser safety in podiatry. Borovoy M, et al. **J Foot Surg** 1985 Mar-Apr;24(2):136-8

Effectiveness of lasers on plantar papillomas: a preliminary study. Cacciaglia GB, et al. **J Foot Surg** 1985 Jan-Feb;24(1):71-5

Aerobiology of irradiation with the carbon dioxide laser. Matthews J, et al. **J Hosp Infect** 1985 Jun;6(2):230-3

Current status of laser therapy in gynecology. Masterson BJ, et al. **J Ky Med Assoc** 1984 Nov;82(11):562-6

Laryngeal microsurgery with the carbon dioxide laser: techniques and instrumentation. Carruth JA. **J Laryngol Otol** 1985 Jun;99(6):573-6

Use of the carbon dioxide laser in the management of premalignant lesions of the oral mucosa. Frame JW, et al. **J Laryngol Otol** 1984 Dec;98(12):1251-60

Experimental investigation of temperature gradients in the inner ear following argon laser exposure. Ricci T, et al. **J Laryngol Otol** 1985 Apr;99(4):359-62

Laser therapy of tracheobronchial lesions: history and current use. Miller JI. **J Med Assoc Ga** 1985 Jan;74(1):34-7

Lasers in medicine and surgery. Carruth JA. **J Med Eng Technol** 1984 Jul-Aug;8(4):161-7

Heriot-Watt Medical Laser Unit. Colles MJ. **J Med Eng Technol** 1984 Jul-Aug;8(4):168-9

Recanalization of arteries by laser radiation. Gillen GJ, et al. **J Med Eng Technol** 1984 Sep-Oct;8(5):215-7

Pain relief from dorsal root entry zone lesions made with argon and carbon dioxide microsurgical lasers. Powers SK, et al. **J Neurosurg** 1984 Nov;61(5):841-7

Endoscopic laser therapy in the palliative treatment of colorectal carcinoma. A case report. Mellow MH, et al. **J Okla State Med Assoc** 1984 Nov;77(11):383-6

The use of a laser for debridement of incipient caries. Myers TD, et al. **J Prosthet Dent** 1985 Jun;53(6):776-9

Argon laser in the treatment of port wine stains [editorial] Carruth JA. **J R Soc Med** 1984 Sep;77(9):722-4

Laser laparoscopy. A new modality. Feste JR. **J Reprod Med** 1985 May;30(5):413-7

An in-hospital training program in gynecologic laser therapy. Glowacki GA. **J Reprod Med** 1985 Feb;30(2):93-6

Conization of the cervix with the CO2 laser as an office procedure. Indman PD. **J Reprod Med** 1985 May;30(5):388-92

Application of simplified laser laparoscopy to preparation of the pelvis for in vitro fertilization. Keye WR Jr, et al. **J Reprod Med** 1985 May;30(5):418-20

The CO2 laser for recurrent and therapy-resistant condylomata acuminata. Krebs HB, et al. **J Reprod Med** 1985 Jun;30(6):489-92

Metroplasty and myomectomy with the CO2 laser for maximizing the preservation of normal tissue and minimizing blood loss. McLaughlin DS. **J Reprod Med** 1985 Jan;30(1):1-9

CO2 laser laparoscopy for the treatment of endometriosis associated with infertility. Martin DC. **J Reprod Med** 1985 May;30(5):409-12

Laser vaporization in the treatment of cervical intraepithelial neoplasia. Stein DS, et al. **J Reprod Med** 1985 Mar;30(3):179-83

The laser in otolaryngology. White B. **J SC Med Assoc** 1984 Aug;80(8):381-2

Tissue effects of neodymium:YAG laser photoradiation of canine ureters. Smith JA Jr, et al. **J Surg Oncol** 1984 Nov;27(3):168-71

Experimental arteriosclerosis treated by conventional and laser endarterectomy. Eugene J, et al. **J Surg Res** 1985 Jul;39(1):31-8

Preoperative laser photodynamic therapy in combination with operation in lung cancer. Kato H, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):420-9

The use of lipid emulsion as an intravesical medium to disperse light in the potential treatment of bladder tumors. Baghdassarian R, et al. **J Urol** 1985 Jan;133(1):126-30

Efficacy and safety of the Nd:YAG laser in canine partial nephrectomy. Benderev TV, et al. **J Urol** 1985 Jun;133(6):1108-11

Treatment of diffuse transitional cell carcinoma in situ by whole bladder hematoporphyrin derivative photodynamic therapy. Benson RC Jr. **J Urol** 1985 Oct;134(4):675-8

Combination of CUSA and neodymium:YAG laser for canine partial nephrectomy. Melzer RB, et al. **J Urol** 1985 Sep;134(3):620-2

Acute effects of argon laser on human atherosclerotic plaque. Lawrence PF, et al. **J Vasc Surg** 1984 Nov;1(6):852-9

Laser angioplasty [letter] Goldberg ML. **JAMA** 1985 Aug 16;254(7):910-1

Laser angioplasty: progressing, but opinions, forecasts vary [news] Goldsmith MF. **JAMA** 1985 Mar 15;253(11):1525-8, 1533

Laser may have uses in bladder tumors, esophageal blockages [news] Henahan J. **JAMA** 1985 Apr 5;253(13):1841-3

Laser-opened coronary arteries close again within months [news] Henahan J. **JAMA** 1985 Mar 15;253(11):1526-7

Effect of 514.5-nm argon ion laser radiation on hematoporphyrin derivative-treated bladder tumor cells in vitro and in vivo. Bellnier DA, et al. **JNCI** 1985 Mar;74(3):617-25

Argon laser treatment of retinal neovascularization associated with sarcoidosis. Hirose S, et al. **Jpn J Ophthalmol** 1984;28(4):356-61

Treatment of primary angle-closure glaucoma by argon laser iridotomy: a long-term follow-up. Yamamoto T, et al. **Jpn J Ophthalmol** 1985;29(1):1-12

Goniotomy with Q-switched Nd-YAG laser in juvenile developmental glaucoma: a preliminary report. Yumita A, et al. **Jpn J Ophthalmol** 1984;28(4):349-55

Laser surgery for psoriasis [letter] Békássy Z, et al. **Lancet** 1985 Sep 28;2(8457):725

Laser-assisted vascular anastomosis [letter] Jain KK. **Lancet** 1985 Mar 16;1(8429):632

Laser-assisted vascular anastomosis [letter] Quigley MR, et al. **Lancet** 1985 Feb 9;1(8424):334

Palliative laser surgery for melanoma metastatic to the larynx: report of two cases. Morgan AH, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):794-7

The efficacy of the CO2 laser in the sterilization of skin seeded with bacteria: survival at the skin surface and in the plume emissions. Mullarky MB, et al. **Laryngoscope** 1985 Feb;95(2):186-7

Endoscopic laser arytenoidectomy for the treatment of bilateral vocal cord paralysis. Ossoff RH, et al. **Laryngoscope** 1984 Oct;94(10):1293-7

Jet insufflation anesthesia for endolaryngeal laser surgery: a review of 318 consecutive cases. Rontal E, et al. **Laryngoscope** 1985 Aug;95(8):990-2

Prototype airway management system for use during laser surgery. Silver CE, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1511-2

Complications of laser surgery for laryngeal papillomatosis. Wetmore SJ, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):798-801

Fifth annual meeting: American Society for Laser Medicine and Surgery. Orlando, Florida, May 27-29, 1985. **Lasers Surg Med** 1985;5(2):133-94

'Hot tip': another method of laser vascular recanalization. Abela GS, et al. **Lasers Surg Med** 1985;5(3):327-35

Laser treatment of keloids: a clinical trial and an in vitro study with Nd:YAG laser. Abergel RP, et al. **Lasers Surg Med** 1984;4(3):291-5

The use of the CO2 laser in otolaryngology: ten years of experience. Andrews AH Jr. **Lasers Surg Med** 1984;4(4):305-10

Use of the argon and carbon dioxide lasers for treatment of superficial venous varicosities of the lower extremity. Apfelberg DB, et al. **Lasers Surg Med** 1984;4(3):221-31

Preliminary results of argon and carbon dioxide laser treatment of keloid scars. Apfelberg DB, et al. **Lasers Surg Med** 1984;4(3):283-90

The use of the Nd-YAG laser in neurosurgery. Beck OJ, et al. **Lasers Surg Med** 1985;5(4):345-56

Preliminary study of the Nd:YAG laser in canine partial nephrectomy. Benderev TV, et al. **Lasers Surg Med** 1985;5(4):415-21

Corneal incisions produced with the fourth harmonic (266 nm) of the YAG laser. Berns MW, et al. **Lasers Surg Med** 1985;5(4):371-5

Fundic vagotomy by waveguide CO2 laser: experimental study of a new technique in dogs. Bourez J, et al. **Lasers Surg Med** 1984;4(4):345-51

Laser workshops in neurological surgery. Brown JT, et al. **Lasers Surg Med** 1984;4(3):241-6

Treatment of benign, semimalignant, and malignant skin tumors with the Nd:YAG laser. Brunner R, et al. **Lasers Surg Med** 1985;5(2):105-10

Absence of distal emboli during in vivo laser recanalization. Case RB, et al. **Lasers Surg Med** 1985;5(3):281-9

Laser surgery for soft tissue purulent diseases. Chegin VM, et al. **Lasers Surg Med** 1984;4(3):279-82

Embolization and vessel wall perforation in argon laser recanalization. Choy DS, et al. **Lasers Surg Med** 1985;5(3):297-308

Continuous wave (CW) and pulsed laser effects on vascular tissues and occlusive disease in vitro. Davi SK. **Lasers Surg Med** 1985;5(3):239-50

The laser organization. Dixon JA. **Lasers Surg Med** 1985;5(1):23-7

Responses of atherosclerotic aorta to argon laser. Dries DJ, et al. **Lasers Surg Med** 1985;5(3):321-6

Laser applications to arteriosclerosis: angioplasty, angioscopy, and open endarterectomy. Eugene J, et al. **Lasers Surg Med** 1985;5(3):309-20

Laser endarterectomy. Eugene J, et al. **Lasers Surg Med** 1985;5(3):265-74

The monochromatic green argon laser in the management of macular disorders. Gazocchi M, et al. **Lasers Surg Med** 1985;5(2):95-104

CO2 laser and suture in splenic parenchyma: an experimental study. Goldenberg A, et al. **Lasers Surg Med** 1985;5(4):405-13

Microendoscopic surgery of the hypopharyngeal pouch with the CO2 laser. Hoeksema PE, et al. **Lasers Surg Med** 1985;5(4):367-9

Clinical and histological evaluation of portwine stain treatment with a microsecond-pulsed dye-laser at 577 NM. Hulsbergen Henning JP, et al. **Lasers Surg Med** 1984;4(4):375-80

Nd-YAG laser for general surgery. Iwasaki M, et al. **Lasers Surg Med** 1985;5(4):429-38

Nd:YAG laser followed by radiation for treatment of malignant airway lesions. Jain PR, et al. **Lasers Surg Med** 1985;5(1):47-53

Vascular recanalization with the argon laser: the role of blood in the transmission of laser energy. Kaplan MD, et al. **Lasers Surg Med** 1985;5(3):275-9

Computer analysis of laser dosimetry data: a method of accurate energy density delivery. Karbaj AN, et al. **Lasers Surg Med** 1985;5(4):439-47

Adhesion of composite materials to enamel: comparison between the use of acid and lasing as pretreatment. Liberman R, et al. **Lasers Surg Med** 1984;4(4):323-7

Evaluation of the carbon dioxide laser for performance of gastrointestinal myotomies. LoCicero J 3d, et al. **Lasers Surg Med** 1985;5(4):423-7

Laser surgery in enclosed spaces: a review. Macruz R, et al. **Lasers Surg Med** 1985;5(3):199-218

Temperature rise in biological tissue during Nd:YAG laser irradiation. Marchesini R, et al. **Lasers Surg Med** 1985;5(2):75-82

Complete patency in thrombus-occluded arteries two weeks after laser recanalization. Marco J, et al. **Lasers Surg Med** 1985;5(3):291-6

Treatment of dental decay by CO2 laser beam: preliminary results. Melcer J, et al. **Lasers Surg Med** 1984;4(4):311-21

Retinal effects of the frequency-doubled (532 nm) YAG laser: histopathological comparison with argon laser. Mosier MA, et al. **Lasers Surg Med** 1985;5(4):377-404

Microvascular [illegible]tomosis using the milliwatt CO2 laser. Quigley MR, et al. **Lasers Surg Med** 1985;5(4):357-65

Carbon dioxide laser in scalp tumor surgery. Sacchini V, et al. **Lasers Surg Med** 1984;4(3):261-9

Hematoporphyrin derivative and laser photodynamical reaction in the diagnosis and treatment of malignant tumors. Song SZ, et al. **Lasers Surg Med** 1985;5(1):61-6

The use of the Nd:YAG laser in urology. Stein BS, et al. **Lasers Surg Med** 1985;5(2):129-32

Ultrastructural findings after the use of a CO2 laser in carpal tunnel surgery. Strohecker J, et al. **Lasers Surg Med** 1985;5(2):123-8

Modeling of (coronary) laser-angioplasty. van Gemert MJ, et al. **Lasers Surg Med** 1985;5(3):219-34

Potentiation of photodynamic therapy by heat: effect of sequence and time interval between treatments in vivo. Waldow SM, et al. **Lasers Surg Med** 1985;5(2):83-94

Laser recannalization of atheromatous vessels using fiber optics. Ward H. **Lasers Surg Med** 1984;4(4):353-63

Effect of laser radiation on tissue during laser angioplasty. Welch AJ, et al. **Lasers Surg Med** 1985;5(3):251-64

An advanced clinical trial with laser acupuncture anesthesia for minor operations in the oro-maxillofacial region. Zhou YC. **Lasers Surg Med** 1984;4(3):297-303

Argon laser treatment of port-wine stains. Dicken CH. **Mayo Clin Proc** 1985 Feb;60(2):115-7

Artificial sapphire probe for contact photocoagulation and tissue vaporization with the Nd:YAG laser. Daikuzono N, et al. **Med Instrum** 1985 Jul-Aug;19(4):173-8

Surgical management of endometriosis with the carbon dioxide laser. Bellina JH, et al. **Microsurgery** 1984;5(4):197-201

Role of the CO2 laser in the management of localized carcinoma of the oral cavity. Emphasis on second primary malignancies. Adams GL, et al. **Minn Med** 1985 Apr;68(4):285-9

Endoscopic laser therapy for gastrointestinal disorders. Jacobs WH. **Mo Med** 1984 Sep;81(9):614-20

Laser endoscopy. Smith SB, et al. **Nebr Med J** 1985 May;70(5):168-71

CO2-Laser in neurosurgery. Ascher PW, et al. **Neurosurg Rev** 1984;7(2-3):123-33

Use of the Nd-YAG laser in neurosurgery. Beck OJ. **Neurosurg Rev** 1984;7(2-3):151-7

Nd-YAG laser as a surgical tool. Handa H, et al. **Neurosurg Rev** 1984;7(2-3):159-62, 164

The carbon dioxide laser surgical unit as an instrument for surgery of brain tumours--its advantages and disadvantages. Takizawa T. **Neurosurg Rev** 1984;7(2-3):135-44

Extent of thermal penetration of Nd-YAG laser--histological considerations. Yamagami T, et al. **Neurosurg Rev** 1984;7(2-3):165-70

Effects of photoradiation therapy on normal rat brain. Cheng MK, et al. **Neurosurgery** 1984 Dec;15(6):804-10

Comparative study of microepineurial anastomoses with the use of CO2 laser and suture techniques in rat sciatic nerves: Part 1. Surgical technique, nerve action potentials, and morphological studies. Fischer DW, et al. **Neurosurgery** 1985 Aug;17(2):300-8

Complications of use of the neodymium: yttrium-aluminum-garnet laser in neurosurgery. Jain KK. **Neurosurgery** 1985 Jun;16(6):759-62

Radical removal of lipomas of the conus and cauda equina with laser microneurosurgery. James HE, et al. **Neurosurgery** 1984 Sep;15(3):340-3

Comparison of laser and radiofrequency dorsal root entry zone lesions in cats. Levy WJ, et al. **Neurosurgery** 1985 Mar;16(3):327-30

A preliminary study on rabbit tubal anastomosis with the Nd-YAG laser. Hanada S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):647-50

Management of Bartholin duct cysts with the carbon dioxide laser. Davis GD. **Obstet Gynecol** 1985 Feb;65(2):279-80

Comparison of 5-fluorouracil and CO2 laser for treatment of vaginal condylomata. Ferenczy A. **Obstet Gynecol** 1984 Dec;64(6):773-8

Use of an antifibrinolytic agent (tranexamic acid) and lateral sutures with laser conization of the cervix. Grundsell H, et al. **Obstet Gynecol** 1984 Oct;64(4):573-6

Infertility surgery with the laser beam. Tulandi T, et al. **Obstet Gynecol Annu** 1985;14:266-76 (48 ref.)

Enlargement of an argon laser iridectomy [letter] Berkowitz J. **Ophthalmic Surg** 1985 Feb;16(2):88-9

Neodymium: YAG laser posterior capsulotomy: the first 100 cases at UCLA. Gardner KM, et al. **Ophthalmic Surg** 1985 Jan;16(1):24-8

Management of failing filtering blebs with the Argon laser. Hoskins HD Jr, et al. **Ophthalmic Surg** 1984 Sep;15(9):731-3

Q-switched Nd:YAG laser for developmental glaucoma. Kitazawa Y, et al. **Ophthalmic Surg** 1985 Feb;16(2):99-100

Photo-elastic stress analysis in YAG laser surgery [letter] March WF, et al. **Ophthalmic Surg** 1985 Jun;16(6):397

YAG capsulotomy and IOP rise [letter] Parker WT, et al. **Ophthalmic Surg** 1984 Sep;15(9):787

A new lens for argon laser trabeculoplasty. Ritch R. **Ophthalmic Surg** 1985 May;16(5):331-2

Treatment of selected cases of pupillary block with YAG laser iridotomies [letter] Rockwood EJ, et al. **Ophthalmic Surg** 1984 Dec;15(12):968

The Glaucoma Laser Trial (GLT) [editorial] Spaeth GL. **Ophthalmic Surg** 1985 Apr;16(4):227-8

Marked intraocular pressure rise following Nd:YAG laser capsulotomy [letter] Stamm BD. **Ophthalmic Surg** 1984 Sep;15(9):788

Nd-YAG laser in our experience. Balacco-Gabrieli C, et al. **Ophthalmologica** 1985;190(2):112-7

Effect of pilocarpine in treatment of intraocular pressure elevation following neodymium: YAG laser posterior capsulotomy. Brown SV, et al. **Ophthalmology** 1985 Mar;92(3):354-9

Excimer laser radial keratotomy. Cotliar AM, et al. **Ophthalmology** 1985 Feb;92(2):206-8

Neodymium: YAG laser trabeculopuncture in open-angle glaucoma. Epstein DL, et al. **Ophthalmology** 1985 Jul;92(7):931-7

Neodymium Q-switched YAG laser lysis of iris lens synechiae. Fankhauser F, et al. **Ophthalmology** 1985 Jun;92(6):790-2

Early complications following Q-switched neodymium: YAG laser posterior capsulotomy. Flohr MJ, et al. **Ophthalmology** 1985 Mar;92(3):360-3

Carbon dioxide laser blepharoplasty [letter] Gregory RO. **Ophthalmology** 1985 Apr;92(4):52A

Nonsteroidal anti-inflammatory agents after argon laser trabeculoplasty. A trial with flurbiprofen and indomethacin. Hotchkiss ML, et al. **Ophthalmology** 1984 Aug;91(8):969-76

Q-switched neodymium:YAG laser iridotomy. Klapper RM. **Ophthalmology** 1984 Sep;91(9):1017-21

Acute intraocular pressure response to argon laser iridotomy. Krupin T, et al. **Ophthalmology** 1985 Jul;92(7):922-6

Treatment of proliferative diabetic retinopathy. Long-term results of argon laser photocoagulation. Little HL. **Ophthalmology** 1985 Feb;92(2):279-83

A comparison of neodymium: YAG and argon laser iridotomies. Robin AL, et al. **Ophthalmology** 1984 Sep;91(9):1011-6

Acute elevations of intraocular pressure following Nd:YAG laser posterior capsulotomy. Slomovic AR, et al. **Ophthalmology** 1985 Jul;92(7):973-6

Neodymium: YAG lasers. An FDA report. Stark WJ, et al. **Ophthalmology** 1985 Feb;92(2):209-12

Argon laser destruction of anterior chamber implantation cysts [letter] Sugar J, et al. **Ophthalmology** 1985 Feb;92(2):306-7

Tissue toxicity of laser-damaged intraocular lens implants. Terry AC, et al. **Ophthalmology** 1985 Mar;92(3):414-8

Disorders of the fundus [letter] Thompson FB. **Ophthalmology** 1985 Jul;92(7):985

Argon laser trabeculoplasty. Studies of mechanism of action. Van Buskirk EM, et al. **Ophthalmology** 1984 Sep; 91(9):1005-10

Iris sphincterotomy, iridotomy, and synechiotomy by linear incision with the argon laser. Wise JB. **Ophthalmology** 1985 May;92(5):641-5

Argon laser treatment of head and neck vascular lesions. Parkin JL, et al. **Otolaryngol Head Neck Surg** 1985 Apr; 93(2):211-6

Configurational photoisomerization of bilirubin in vitro--II. A comparative study of phototherapy fluorescent lamps and lasers. Agati G, et al. **Photochem Photobiol** 1985 Apr; 41(4):381-92

Use and abuse of lasers [editorial] Goldman L. **Photodermatol** 1984 Apr;1(2):55-6

Inadequate effect of helium-neon laser on venous leg ulcers. Santoianni P, et al. **Photodermatol** 1984 Oct;1(5):245-9

How may external and interstitial illumination be compared in laser photodynamic therapy? McKenzie AL. **Phys Med Biol** 1985 May;30(5):455-60

Benefits of the CO2 laser in oral hemangioma excision. Apfelberg DB, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):46-50

Carbon dioxide (CO2) laser perforation of exposed cranial bone to stimulate granulation tissue. Bailin PL, et al. **Plast Reconstr Surg** 1985 Jun;75(6):898-902

The benefit of chilling in argon-laser treatment of port-wine stains. Dréno B, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):42-5

Trichoepithelioma: successful treatment with the argon laser. Flores JT, et al. **Plast Reconstr Surg** 1984 Nov;74(5):694-8

Angiokeratoma of Fordyce: successful treatment with the argon laser. Flores JT, et al. **Plast Reconstr Surg** 1984 Dec; 74(6):835-8

Photoradiation therapy of cutaneous angiosarcomas in mice. Liu MS, et al. **Plast Reconstr Surg** 1985 Aug;76(2):286-92

Argon laser therapy of port-wine stains: effects and limitations. Yanai A, et al. **Plast Reconstr Surg** 1985 Apr; 75(4):520-7

Laser therapy for eye disorders. Mensher JH. **Postgrad Med** 1984 Nov 15;76(7):51-6

The use of lasers in dermatology. Cotterill JA. **Practitioner** 1984 Nov;228(1397):1033-8

Endoscopic laser surgery. Burt RW, et al. **Prog Clin Biol Res** 1985;186:151-60

Photoradiation therapy of bladder tumours. Hisazumi H, et al. **Prog Clin Biol Res** 1984;162B:385-96

Application of laser beam technology in the treatment of bladder tumors. Sander S, et al. **Prog Clin Biol Res** 1984; 162B:365-8

Therapy of bladder tumors with the neodymium-YAG laser--a critical assessment. Staehler G, et al. **Prog Clin Biol Res** 1984;162B:369-83

Percutaneous transluminal laser angioplasty for treatment of peripheral vascular disease. Clinical experience with 16 patients. Ginsburg R, et al. **Radiology** 1985 Sep; 156(3):619-24

Computed-tomographic and conventional linear-tomographic evaluation of tracheobronchial lesions for laser photoresection. Pearlberg JL, et al. **Radiology** 1985 Mar;154(3):759-62

Preservation of retinal function in the RCS rat by laser treatment. Behbehani MM, et al. **Retina** 1984 Fall-Winter; 4(4):257-63

Ophthalmomyiasis treated by argon-laser photocoagulation. Forman AR, et al. **Retina** 1984 Summer-Fall;4(3):163-5

Laser treatment of bladder cancer. Smith JA Jr. **Semin Urol** 1985 Feb;3(1):2-9

Laser iridotomy for management of angle-closure glaucoma. Cashwell LF. **South Med J** 1985 Mar;78(3):288-91

Symposium on laser surgery. **Surg Clin North Am** 1984 Oct; 64(5):837-1027

Application of the CO2 laser to infertility surgery. Bellina JH, et al. **Surg Clin North Am** 1984 Oct;64(5):899-904

Lasers in ophthalmology. Bloom LH, et al. **Surg Clin North Am** 1984 Oct;64(5):1013-24

Use of the laser in neurosurgery. Cerullo LJ, et al. **Surg Clin North Am** 1984 Oct;64(5):995-1000 (32 ref.)

Bronchoscopic phototherapy using hematoporphyrin derivative. Cortese DA, et al. **Surg Clin North Am** 1984 Oct;64(5):941-6

Argon laser skin surgery. Dolsky RL. **Surg Clin North Am** 1984 Oct;64(5):861-70

CO2 laser surgery in urology. Finkelstein LH. **Surg Clin North Am** 1984 Oct;64(5):913-30

Endoscopic laser therapy for gastrointestinal neoplasms. Fleischer D. **Surg Clin North Am** 1984 Oct;64(5):947-53

The characteristics in operation of surgical lasers. Fuller TA. **Surg Clin North Am** 1984 Oct;64(5):843-9

Current and future developments in laser surgery. Goldman L. **Surg Clin North Am** 1984 Oct;64(5):1001-12

Laser surgery for benign laryngeal disease. Conservation and ergonomics. Karlan MS, et al. **Surg Clin North Am** 1984 Oct;64(5):981-94

CO2 laser surgery of the upper airway. Keane WM, et al. **Surg Clin North Am** 1984 Oct;64(5):955-71 (19 ref.)

Introduction to laser surgery. Kirschner RA, et al. **Surg Clin North Am** 1984 Oct;64(5):839-41 (22 ref.)

An introduction to dye lasers and photoradiation therapy. Kirschner RA, et al. **Surg Clin North Am** 1984 Oct; 64(5):939-40

Cutaneous plastic surgery with the CO2 laser. Kirschner RA. **Surg Clin North Am** 1984 Oct;64(5):871-83

Urologic neodymium: YAG laser surgery. Malloy TR, et al. **Surg Clin North Am** 1984 Oct;64(5):905-12

Safety considerations and safety protocol for laser surgery. Mohr RM, et al. **Surg Clin North Am** 1984 Oct;64(5):851-9 (29 ref.)

Instrumentation for CO2 laser surgery of the larynx and tracheobronchial tree. Ossoff RH, et al. **Surg Clin North Am** 1984 Oct;64(5):973-80

CO2 laser surgery of the cervix, vagina, and vulva. Stein S. **Surg Clin North Am** 1984 Oct;64(5):885-97 (34 ref.)

Bronchoscopic utilization of the Nd:YAG laser for obstructing lesions of the trachea and bronchi. Unger M. **Surg Clin North Am** 1984 Oct;64(5):931-8

Laser-assisted microvascular anastomoses: angiographic and anatomopathologic studies on growing microvascular anastomoses: preliminary report. Frazier OH, et al. **Surgery** 1985 May;97(5):585-90

Laser therapy in 100 tracheobronchial tumours. Hetzel MR, et al. **Thorax** 1985 May;40(5):341-5

Amyloidosis of the respiratory tract treated by laser therapy. Millar AB, et al. **Thorax** 1985 Jul;40(7):544-5

Techniques of argon laser iridectomy. Kolker AE. **Trans Am Ophthalmol Soc** 1984;82:302-6

YAG laser anterior capsulotomy. Manchester T. **Trans Am Ophthalmol Soc** 1984;82:176-86

Use of the neodymium:YAG laser to create iridotomies in monkeys and humans. Pollack IP, et al. **Trans Am Ophthalmol Soc** 1984;82:307-28

Lasers in ophthalmology. Ffytche TJ. **Trans Med Soc Lond** 1982-84;99-100:103-7

Symposium on the laser in ophthalmology and glaucoma update. **Trans New Orleans Acad Ophthalmol** 1985;:1-330

CO2 laser. Beckman H. **Trans New Orleans Acad Ophthalmol** 1985;:226-30

Transscleral laser cyclocoagulation. Beckman H. **Trans New Orleans Acad Ophthalmol** 1985;:148-53

Laser iridotomy. Beckman H. **Trans New Orleans Acad Ophthalmol** 1985;:177-81

Current applications of the dye laser. L'Esperance FA Jr. **Trans New Orleans Acad Ophthalmol** 1985;:55-80

New laser systems and their potential clinical usefulness. L'Esperance FA Jr. **Trans New Orleans Acad Ophthalmol** 1985;:182-209

Ophthalmic laser surgery: principles, technology, and technique. Mainster MA. **Trans New Orleans Acad Ophthalmol** 1985;:81-101

Usual and unusual uses of the laser in glaucoma. Simmons RJ, et al. **Trans New Orleans Acad Ophthalmol** 1985;:154-76

Special features and modifications of laser trabeculoplasty: where are we today? Simmons RJ, et al. **Trans New Orleans Acad Ophthalmol** 1985;:268-80

Laser treatment of macular disease: recurrence of subretinal neovascular membranes after treatment. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985;:256-62

Laser treatment of macular disease: procedure and follow-up. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985; :215-8

Laser treatment of macular disease: patient and laser selection. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985;:140-7

Technical considerations in laser trabeculoplasty. Wise JB. **Trans New Orleans Acad Ophthalmol** 1985;:210-4

Laser trabeculoplasty before and after aphakia and pseudophakia. Wise JB. **Trans New Orleans Acad Ophthalmol** 1985;:286-92

Carbon-dioxide laser treatment of eye lid lesions. Chopdar A. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):176-80

Laser trabeculoplasty and cataract surgery. Galin MA, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):72-5

Combined dye and argon laser treatment for narrow angle glaucoma. Hitchings RA. **Trans Ophthalmol Soc UK** 1985; 104 (Pt 1):52-4

Neodymium-YAG laser in ophthalmic practice--principles and early experience. Jagger JD, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):181-90

Laser trabeculoplasty in the pseudo-exfoliation syndrome. Logan P, et al. **Trans Ophthalmol Soc UK** 1983;103 (Pt 6):586-7

Laser peripheral iridectomy comparing Q-switched neodymium YAG with argon. McAllister JA, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):67-9

Primary therapy for chronic simple glaucoma the role of argon laser trabeculoplasty. Migdal C, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):62-6

Pupilloplasty in aphakic and pseudophakic pupillary block glaucoma. Theodossiadis GP. **Trans Ophthalmol Soc UK** 1985;104 (Pt 2):137-41

Argon laser trabeculoplasty or trabeculectomy a prospective randomised block study. Watson PG, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 1):55-61

Applications of the pulsed Nd-YAG laser in the vitreous. Brown GC, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):123-7

Neodynium-YAG laser vitreomembranectomy (a noninvasive technique). Kaplan S. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):128-31

Rectal temperature monitoring during neodymion-YAG laser irradiation for prostatic carcinoma. Beisland HO, et al. **Urol Res** 1984;12(5):257-9

Neodymium:YAG laser irradiation of urinary bladder tumors. Follow-up study of 100 consecutively treated patients. Beisland HO, et al. **Urology** 1985 Jun;25(6):559-63

Use of carbon dioxide laser in microsurgery [letter] Belker AM. **Urology** 1985 Apr;25(4):432

Carbon dioxide laser treatment of external genital lesions. Rosemberg SK. **Urology** 1985 Jun;25(6):555-8

Clinical experience with carbon dioxide laser in renal surgery. Rosemberg SK. **Urology** 1985 Feb;25(2):115-8

Office laser surgery for urologists. Warner RS, et al. **Urology** 1985 Apr;25(4):363-4

Endoscopic neodymium-YAG laser treatment of nonresectable gastrointestinal tract cancer. Cello JP, et al. **West J Med** 1985 Jan;142(1):42-4

Nd-YAG laser treatment of tracheal stenosis. Gelb AF, et al. **West J Med** 1984 Oct;141(4):472-5

Lasers in cardiovascular surgery--current status. Hunter JG, et al. **West J Med** 1985 Apr;142(4):506-10

Lasers and cutaneous medicine. Barnett JH. **Wis Med J** 1984 Sep;83(9):19

[Laser radiation--an effective method of treatment in surgery] Poleganova Iu, et al. **Khirurgiia (Sofiia)** 1984; 37(6):510-4 (18 ref.) **(Bul)**

[Photodynamic therapy (PDT) of bladder cancer. Report of 21 cases] Xie JG. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):113-5 (Eng. Abstr.) **(Chi)**

[Nursing for cancer patients receiving hematoporphyrin-laser therapy] Shi QY. **Chung Hua Hu Li Tsa Chih** 1984 Aug; 19(4):223-4 **(Chi)**

[Application of a hematoporphyrin derivative (HpD) and the laser technic in diagnosis and treatment of oral tumors] Zhao FY. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan; 20(1):8-11, 62 (Eng. Abstr.) **(Chi)**

[Use of the CO2 laser in intraspinal exploration--report of 3 cases] Liu SX. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):161-2 (Eng. Abstr.) **(Chi)**

[22 cases of dense congenital persistent pupillary membrane treated by laser] Liu GJ. **Chung Hua Yen Ko Tsa Chih** 1984 Jul;20(4):225-7 **(Chi)**

[Yttrium-aluminum-garnet laser with a fiber light guide in the treatment of eyelid disease] Shao TY. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):97-8 **(Chi)**

[Lasers in the treatment of simple glaucoma] Ružičková E, et al. **Cesk Oftalmol** 1984 Sep;40(5):264-71 (Eng. Abstr.) **(Cze)**

[The effect of the He-Ne laser on wound healing] Hubáček J, et al. **Cesk Otolaryngol** 1985 Jun;34(3):135-40 (Eng. Abstr.) **(Cze)**

[Experience with the He-Ne laser in otorhinolaryngology] Hubáček J, et al. **Cesk Otolaryngol** 1984 Jun;33(3):135-9 (Eng. Abstr.) **(Cze)**

[Argon laser trabeculoplasty in primary wide-open glaucoma] Autzen T, et al. **Ugeskr Laeger** 1985 Mar 11; 147(11):950-1 (Eng. Abstr.) **(Dan)**

[The CO2 laser in surgery of tumors of the posterior fossa: a technical factor of less risk] Roux FX, et al. **Agressologie** 1985 Apr;26(4):367-9 (Eng. Abstr.) **(Fre)**

[The YAG-Nd laser in bronchology. Its role in noncancer pathology] Personne C, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):65-8 (Eng. Abstr.) **(Fre)**

[Disobliteration of coronary arteries by the laser. Peroperative experience] Fournial G, et al. **Arch Mal Coeur** 1985 Jul;78(7):1061-5 (Eng. Abstr.) **(Fre)**

[Arterial disobliteration by the laser] Geschwind H, et al. **Arch Mal Coeur** 1985 Jun;78(6):961-6 (Eng. Abstr.) **(Fre)**

[Effects of different types of continuous emission laser on human atheromatous plaques in vitro] Ollivier JP, et al. **Arch Mal Coeur** 1985 Apr;78(4):554-8 (Eng. Abstr.) **(Fre)**

[Ocular microsurgery with the Nd-YAG laser in the treatment of secondary and tertiary cataracts] Balacco-Gabrieli C, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:385-7 **(Fre)**

[Possible applications of the Nd: Yag laser in glaucoma] Buratto L, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:378-84 **(Fre)**

[Use of the Yag pico- and nanosecond laser in ophthalmology] Marre JM, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:504-5 **(Fre)**

[Treatment of open-angle glaucoma by means of argon-laser trabeculoplasty] Detry M, et al. **Bull Soc Belge Ophtalmol** 1984;209:37-52 (Eng. Abstr.) **(Fre)**

[Treatment of degenerative maculopathies with the monochromatic green argon laser] Arnaud B, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):977-80 **(Fre)**

[Another technic of trabeculoplasty with argon laser in the treatment of primary open-angle glaucoma] Bechetoille A, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):83-6, 89 (Eng. Abstr.) **(Fre)**

[Has laser iridectomy definitely replaced surgical peripheral iridectomy in angle-closure glaucoma?] Haut J, et al. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1093-5 **(Fre)**

[Trabeculo-retraction using an Argon laser in chronic open angle glaucoma] Malthieu D, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):503-7 (Eng. Abstr.) **(Fre)**

[The monochromatic green argon laser. Evaluation based on a 2-year comparative study. 2: Clinical study] Pithon F. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):981-7 (Eng. Abstr.) **(Fre)**

[Polyvalent miniaturized infrared laser (for section and coagulation)] Quentel G, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1249-50 **(Fre)**

[Trabeculo-retraction using lasers in open-angle glaucoma (our first results)] Razemon P, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):509-11 (Eng. Abstr.) **(Fre)**

[The laser and digestive tumors. Study of 280 cases and presentation of a film] Etienne J, et al. **Chirurgie** 1985; 111(2):145-9 (Eng. Abstr.) **(Fre)**

[Diabetic retinopathy and the laser] Chaine G. **Diabete Metab** 1985 Apr;11(2):130-1 **(Fre)**

[Laser treatment of intramucosal cancers of the esophagus in inoperable patients (letter)] Patrice T, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):374-5 **(Fre)**

[Partial splenic resections and Nd-YAG laser] Godlewski G, et al. **J Chir (Paris)** 1985 Feb;122(2):111-6 (Eng. Abstr.) **(Fre)**

[Influence of pedicle clamping in partial hepatic resection with the Nd YAG laser. Comparative study in a series of 15 pigs] Godlewski G, et al. **J Chir (Paris)** 1984 Nov; 121(11):667-72 (Eng. Abstr.) **(Fre)**

[Gonioretraction using argon laser] Béchetoille A, et al. **J Fr Ophtalmol** 1985;8(1):19-27 (Eng. Abstr.) **(Fre)**

[Role of laser trabeculoretraction in the treatment of open-angle glaucoma] Demailly P. **J Fr Ophtalmol** 1985; 8(1):85-92 **(Fre)**

[Results 1 year after trabeculoretraction by 360 degree argon laser in the treatment of open-angle glaucoma] Demailly P, et al. **J Fr Ophtalmol** 1985;8(1):11-8 (Eng. Abstr.) **(Fre)**

[To operate or not to operate? That is the question (editorial)] Saraux H. **J Fr Ophtalmol** 1985;8(1):9 **(Fre)**

[Laser therapy of granulomas and posterior synechiae] Abitbol J. **J Fr Otorhinolaryngol** 1984 Oct;33(8):413-4, 7 **(Fre)**

[Use of the YAG laser in ORL (apropos of 147 applications)] Haguenauer JP, et al. **J Fr Otorhinolaryngol** 1984 Dec; 33(10):529-33 **(Fre)**

[The use of the CO2 laser in the treatment of endometriosis. Experiments in rabbits] Chaubard T, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):861-6 (Eng. Abstr.) **(Fre)**

[Total vulvectomy with lasers. An interesting technic] Gunther M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):915-8 (Eng. Abstr.) **(Fre)**

[Stage 3 intra-epithelial cervical neoplasms. Conservative treatment using CO2 lasers or conization: analysis of 2 years' experience] Ropert JF, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):453-7 (Eng. Abstr.) **(Fre)**

[Distal tubal microsurgery using the CO2 laser. Experimental study and analysis of a series of 95 cases] Sadoul G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):947-56 (Eng. Abstr.) **(Fre)**

[Five years' use of CO2 laser in the treatment of cervical lesions: 475 treated cases (mainly dysplasias and carcinomas in situ)] Sadoul G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):681-90 (Eng. Abstr.) **(Fre)**

[Effects of the laser on atheroma plaques] Becquemin JP, et al. **J Mal Vasc** 1984;9(3):195-9 (Eng. Abstr.) **(Fre)**

[Effects of the argon laser on atheromas. Preliminary study on post-mortem arterial samples] Pernes JM, et al. **J Radiol** 1985 Mar;66(3):225-31 (Eng. Abstr.) **(Fre)**

[Value and limitations of the use of CO2 laser in neurosurgery. Reflexions from a french experience] Roux FX, et al. **Neurochirurgie** 1984;30(5):335-9 (Eng. Abstr.) **(Fre)**

[Endotracheal tube for laryngeal CO2 laser microsurgery. 208 cases] Brille P, et al. **Presse Med** 1985 Jul 6; 14(27):1470-2 (Eng. Abstr.) **(Fre)**

[Treatment of cervical and vulvar condylomata by co2 laser also with a immunostimulant] Sadoul G, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):681-4 (Eng. Abstr.) **(Fre)**

[The treatment of tracheobronchial amyloidosis using a bronchial laser. Apropos of a series of 13 cases] Herman DP, et al. **Rev Mal Respir** 1985;2(1):19-23 (Eng. Abstr.) **(Fre)**

[The laser: indications and limits in dentistry: has it found its place in daily practice in 1983? I. The CO2 laser] Ouhayoun M. **Rev Odontostomatol (Paris)** 1984 Jul-Aug; 13(4):263-9 **(Fre)**

[The laser: indications and limits in dentistry: has it found its place in daily practice in 1983? II. Other lasers] Picard B. **Rev Odontostomatol (Paris)** 1984 Jul-Aug;13(4):270-6 **(Fre)**

[Use of the YAG laser in tracheobronchial pathology. Apropos of 154 cases] Guérin JC, et al. **Rev Pneumol Clin** 1984;40(6):363-7 (Eng. Abstr.) **(Fre)**

[Laser treatment in malignant tracheo-bronchial pathology] Marechal F, et al. **Rev Pneumol Clin** 1985;41(1):5-7 (Eng. Abstr.) **(Fre)**

[Use of the laser in neurosurgery] Ouaknine GE. **Union Med Can** 1985 Apr;114(4):326-9 (Eng. Abstr.) **(Fre)**

[Neodymium YAG laser in clinical urology. Current status and clinical experiences] Hofstetter AG, et al. **Fortschr Med** 1984 Sep 27;102(36):885-90 (Eng. Abstr.) **(Ger)**

[Partial liver resections with various laser types. Functional and morphologic results of an experimental study] Meyer HJ. **Fortschr Med** 1984 Oct 4;102(37):925-8 (Eng. Abstr.) **(Ger)**

[Palliative endoscopic laser therapy of gastrointestinal tumors] Stadler H. **Fortschr Med** 1985 May 23; 103(20):538-42 (Eng. Abstr.) **(Ger)**

[Principles of endoscopic laser therapy of gastrointestinal tumors] Stadler H. **Fortschr Med** 1985 May 23; 103(20):535-7 (Eng. Abstr.) **(Ger)**

[Curative endoscopic laser therapy of gastrointestinal tumors] Stadler H. **Fortschr Med** 1985 May 23;103(20):543-4 (Eng. Abstr.) **(Ger)**

[Optimal construction of retropupillary artificial lenses in relation to the use of the YAG laser] Draeger J, et al. **Fortschr Ophthalmol** 1985;82(3):266-8 (Eng. Abstr.) **(Ger)**

[Nd-YAG laser surgery of the anterior eye segment] Gloor B, et al. **Fortschr Ophthalmol** 1985;82(1):75-9 (Eng. Abstr.) **(Ger)**

[Anterior capsulotomy with the YAG laser: technics and advantages] Kammann J, et al. **Fortschr Ophthalmol** 1985; 82(1):83-5 (Eng. Abstr.) **(Ger)**

[Clinical research on the efficiency of laser-space lenses] Rochels R, et al. **Fortschr Ophthalmol** 1985;82(1):73-4 (Eng. Abstr.) **(Ger)**

[Possibilities of laser therapy in intrabronchial occlusions] Häussinger K, et al. **Internist (Berlin)** 1985 Apr;26(4):221-7 **(Ger)**

[Laser trabeculoplasty: report on 53 cases] Smith RJ. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):9-11 (Eng. Abstr.) **(Ger)**

[Use of lasers in esophageal and stomach surgery] Wanzjan EN, et al. **Langenbecks Arch Chir** 1984;364:171-2 **(Ger)**

[Endonasal surgical technic with the argon laser] Lenz H, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Oct;63(10):534-40 (Eng. Abstr.) **(Ger)**

[Endobronchial laser treatment of benign and semimalignant stenoses of the bronchial system] Emslander HP, et al. **Prax Klin Pneumol** 1984 Oct;38(10):442-5 (Eng. Abstr.) **(Ger)**

[Effect of low-intensity laser radiation on the kinetics of cell proliferation in Ehrlich ascites tumor] Moskalik KG, et al. **Radiobiol Radiother (Berl)** 1984;25(6):863-70 (Eng. Abstr.) **(Ger)**

[Neodymium:YAG laser in dermatologic therapy] Bahmer FA, et al. **Z Hautkr** 1984 Dec 15;59(24):1692-702 (Eng. Abstr.) **(Ger)**

[YAG laser posterior capsulotomy following extracapsular cataract extraction] Geyer O, et al. **Harefuah** 1985 Feb 1;108(3):123-4 (Eng. Abstr.) **(Heb)**

[Neodymium-YAG laser, a non-invasive technique for cutting intraocular tissues] Moisseiev J, et al. **Harefuah** 1985 May 1;108(9):433-5 (Eng. Abstr.) **(Heb)**

[The CO2 laser in laryngeal microsurgery] Motta G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):49-68 (Eng. Abstr.) **(Ita)**

[Lasers in uterine microsurgery: experimental research] Garsia S, et al. **Ann Ostet Ginecol Med Perinat** 1984 May-Jun;105(3):171-85 (Eng. Abstr.) **(Ita)**

[The use of lasers in end-to-end anastomosis of the uterine horn in the rat. Histological considerations] Baffoni A, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1427-33 (Eng. Abstr.) **(Ita)**

[Treatment of flat angiomas with an argon laser. Importance of the execution of dosage tests] Manfrecola G, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):441-4 (Eng. Abstr.) **(Ita)**

[Value of laser treatment in tracheal stenosis of surgical significance] Bassi N, et al. **Minerva Chir** 1985 May 15; 40(9):635-8 (Eng. Abstr.) **(Ita)**

[Laser radiation in medical therapy. With special reference to dentistry] Re F, et al. **Minerva Stomatol** 1985 Jan-Feb; 34(1):145-6 (Eng. Abstr.) **(Ita)**

[Indications for the use of soft laser therapy in dentistry] Re F, et al. **Minerva Stomatol** 1985 May-Jun;34(3):563-72 (Eng. Abstr.) **(Ita)**

[CO2 laser in treating head and neck cancer] Hirano M, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):673-8 (Eng. Abstr.) **(Jpn)**

[Photodynamic therapy of superficial tumors and carcinoma in situ of the bladder] Hisazumi H, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):697-703 (Eng. Abstr.) **(Jpn)**

[Photodynamic therapy in lung cancer] Kato H, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):690-6 (Eng. Abstr.) **(Jpn)**

[Transurethral laser surgery of the treatment of bladder tumor] Okada K, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):685-9 (Eng. Abstr.) **(Jpn)**

[Treatment of neoplasms of the uterine cervix by CO2 laser] Sekimoto S. **Gan No Rinsho** 1985 May;31(6 Suppl):679-84 (Eng. Abstr.) **(Jpn)**

[Experience using the laser rod in urological surgery] Washida H, et al. **Hinyokika Kiyo** 1984 Jul;30(7):891-6 (Eng. Abstr.) **(Jpn)**

[YAG-ECCE; a method of planned extracapsular cataract extraction with an anterior capsulotomy by Nd: YAG laser] Shimizu H, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep; 88(9):1229-36 (Eng. Abstr.) **(Jpn)**

[Fundus photocoagulation using the continuous Nd:YAG laser] Tamaki K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):412-7 (Eng. Abstr.) **(Jpn)**

[The effect of Nd:YAG laser irradiation on gastric cancer in rats induced by N-methyl-N'-nitro-N-nitrosoguanidine as a model of endoscopic laser treatment for early gastric cancers] Sasako M. **Nippon Geka Gakkai Zasshi** 1985 Apr; 86(4):443-54 (Eng. Abstr.) **(Jpn)**

[A case of bronchial leiomyoma successfully treated by endoscopic ND-YAG laser surgery] Sato M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1841-3 (Eng. Abstr.) **(Jpn)**

[Laser endoscopic treatment of esophageal cancer] Namatame K, et al. **Nippon Rinsho** 1984 Oct;42(10):2293-7 **(Jpn)**

[Experimental studies on photoradiation therapy by hematoporphyrin derivative (HpD) and argon dye laser] Kasai T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec;36(12):2533-41 (Eng. Abstr.) **(Jpn)**

[Experimental study of brain lesions after combined coaxial exposure to high-peaked pulse wave form CO2 and Nd: YAG lasers on the brain] Tsuyumu M, et al. **No Shinkei Geka** 1985 Apr;13(4):417-23 (Eng. Abstr.) **(Jpn)**

[Use of lasers in medicine] Kwaśniewski SW, et al. **Nowotwory** 1984 Jul-Sep;34(3):223-7 (Eng. Abstr.) **(Pol)**

[Electrophysiological studies of the nervous system in patients with kraurosis vulvae after laser therapy] Gorchakova LA, et al. **Akush Ginekol (Mosk)** 1984 Nov; (11):65-6 (Eng. Abstr.) **(Rus)**

[Morphology of the suppurative wound in treatment with a carbon dioxide laser] Eliseenko VI, et al. **Arkh Patol** 1984; 46(9):56-62 (Eng. Abstr.) **(Rus)**

[Morphological bases of myocardial revascularization by laser radiation] Eliseenko VI, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):737-9 (Eng. Abstr.) **(Rus)**

[Effect of a low-intensity CO2 laser on the process of reparative regeneration of experimental wounds] Koshelev VN, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):338-40 (Eng. Abstr.) **(Rus)**

[Selective action of argon laser radiation in breast cancer] Gamaleia NF, et al. **Eksp Onkol** 1985;7(1):72-4 (Eng. Abstr.) **(Rus)**

[Prevention of thoracic wound suppuration by radiation from a helium-neon laser] Medzhidov FA, et al. **Grudn Khir** 1985 May-Jun;(3):68-71 (Eng. Abstr.) **(Rus)**

[Effect of light energy on the functional capacity of the lung transplanted from a donor to a recipient] Meshalkin EN, et al. **Grudn Khir** 1984 Nov-Dec;(6):62-5 (Eng. Abstr.) **(Rus)**

[Effect of low-energy laser irradiation on normal skin and tumor tissues] Pletnev SD, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):134-7 (Eng. Abstr.) **(Rus)**

[Laser papillosphincterotomy] Buianov VM, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):74-7 (Eng. Abstr.) **(Rus)**

[New laser instruments in abdominal surgery] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):115-6 **(Rus)**

[Myocardial revascularization using a laser beam (experimental study)] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):99-102 **(Rus)**

[Clinico-morphologic basis for using carbon dioxide lasers in dermoplasty] Skobelkin OK, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):67-72 (Eng. Abstr.) **(Rus)**

[Use of lasers in purulent surgery] Zhuravleva NI. **Khirurgiia (Mosk)** 1984 Nov;(11):128-9 **(Rus)**

[Use of ultrasound and the laser in the local treatment of deep burns] Chaplinskii VV, et al. **Klin Khir** 1985 Mar; (3):7-9 (Eng. Abstr.) **(Rus)**

[Use of the laser in pancreatic surgery] Kim AN, et al. **Klin Khir** 1984 Nov;(11):56-8 (15 ref.) **(Rus)**

[Effect of irradiation with a helium-neon laser on the functional state of peripheral blood circulation during treatment of children with long-standing non-healing wounds] Schastnyi SA, et al. **Klin Khir** 1985;(6):24-7 (Eng. Abstr.) **(Rus)**

[Use of intravascular laser irradiation of the blood in the complex treatment of patients with obstructive jaundice and suppurative cholangitis] Zemskov VS, et al. **Klin Khir** 1985 Apr;(4):46-8 (Eng. Abstr.) **(Rus)**

[Use of intravascular low-energy laser irradiation of the blood in treating destructive pancreatitis] Zemskov VS, et al. **Klin Khir** 1984 Nov;(11):69 **(Rus)**

[Use of intravascular laser irradiation of the blood for preventing and treating suppurative and septic complications] Zemskov VS, et al. **Klin Khir** 1984 Dec; (12):17-8 (Eng. Abstr.) **(Rus)**

[Treatment of late radiation-induced skin ulcers with laser radiation] Kim IuA, et al. **Med Radiol (Mosk)** 1985 May; 30(5):71-3 (Eng. Abstr.) **(Rus)**

[Set of surgical instruments for use with 'Scalpel-1' and 'Romashka-1' laser equipment for inaccessible thoracic and abdominal surgery] Itskovich LN, et al. **Med Tekh** 1984 Nov-Dec;(6):50-3 **(Rus)**

[Small-scale laser unit and its use in dental surgery] Kats AG, et al. **Med Tekh** 1984 Jul-Aug;(4):50-4 (Eng. Abstr.)

(Rus)

[Effect of laser radiation on regenerative processes in the anterior epithelium of the cornea in injuries] Chechin PP, et al. **Oftalmol Zh** 1984;(3):174–7 (Eng. Abstr.) (Rus)

[Use of optical quantum generators (lasers) to treat orthopedo–traumatologic patients] Bogdanovich UIa, et al. **Ortop Travmatol Protez** 1984 Oct;(10):60–5 (52 ref.) (Rus)

[Analgesic laser therapy of patients with post–traumatic and involutional lesions of the musculoskeletal system] Ternovol KS. **Ortop Travmatol Protez** 1984 Jul;(7):1–7 (Eng. Abstr.) (Rus)

[Laser therapy of peripheral nerve diseases] Durinian RA, et al. **Sov Med** 1984;(8):100–4 (Rus)

[Helium–neon laser and dibunol in gastric and duodenal ulcer] Korochkin IM, et al. **Sov Med** 1985;(1):31–5 (Rus)

[Laser irradiation as a present–day method of treating neoplasms] Pletnev SD, et al. **Sov Med** 1985;(2):92–6 (Rus)

[Treatment of recurrent basal–cell skin cancer with laser irradiation] Pletnev SD, et al. **Sov Med** 1985;(4):92–4 (Rus)

[The laser scalpel in operations on the common bile duct] Skobelkin OK, et al. **Sov Med** 1984;(11):34–8 (Eng. Abstr.) (Rus)

[Effect of helium–neon laser radiation on the course of temporomandibular joint arthritis and arthrosis] Ivanov AS, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):81–2 (Rus)

[Use of a helium–neon laser in facial pains] Lukashevich IG. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):29–31 (Eng. Abstr.) (Rus)

[Use of a helium–neon laser in treating oral mucosal diseases in children] Mozgovaia LA, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):62–4 (Eng. Abstr.) (Rus)

[Action of laser radiation on the course of an inflammatory process in the maxillofacial area] Supiev TK. **Stomatologiia (Mosk)** 1984 Sep–Oct;63(5):17–9 (Eng. Abstr.) (Rus)

[Electromyographic characteristics of the masticatory muscles during the treatment of uncomplicated mandibular fractures by helium–neon laser radiation] Urazalin ZhB, et al. **Stomatologiia (Mosk)** 1984 Nov–Dec;63(6):66–8 (Eng. Abstr.) (Rus)

[Comparative results of the treatment of gastroduodenal ulcers with low–energy laser and hyperbaric oxygenation] Kerin VV, et al. **Ter Arkh** 1985;57(2):47–9 (Eng. Abstr.) (Rus)

[Use of lasers in endoscopic surgery in the practice of urology] Varentsov GI. **Urol Nefrol (Mosk)** 1984 Sep–Oct;(5):64–9 (59 ref.) (Rus)

[Use of laser radiation in treating pretumorous and tumorous diseases of the cervix uteri and vulva] Zaplavnova LD, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):67–9 (Rus)

[Topical treatment of cutaneous leishmaniasis with a carbon dioxide laser] Babaev OG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):52–5 (Eng. Abstr.) (Rus)

[Complex treatment of patients with unilateral and linear dermatoses using laser acupuncture] Faradzhev ZG, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):17–21 (Eng. Abstr.) (Rus)

[Skin repigmentation after laser therapy] Mandel' ASh. **Vestn Dermatol Venerol** 1984 Sep;(9):26–9 (Eng. Abstr.) (Rus)

[Method of treatment of common warts with low–energy laser irradiation] Mozgunov VN, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):55–6 (Eng. Abstr.) (Rus)

[Laser therapy in the combination treatment of patients with true pemphigus] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):4–6 (Eng. Abstr.) (Rus)

[Use of the laser in the combined treatment of suppurative diseases and complications] Gorbashko AI, et al. **Vestn Khir** 1984 Oct;133(10):72–5 (Eng. Abstr.) (Rus)

[The helium–neon laser in the treatment of suppurative wounds] Gostishchev VK, et al. **Vestn Khir** 1985 Mar;134(3):57–60 (Eng. Abstr.) (Rus)

[Use of the laser scalpel in operations on parenchymatous abdominal organs] Koshelev VN, et al. **Vestn Khir** 1985 Mar;134(3):45–8 (Eng. Abstr.) (Rus)

[Treatment of trophic ulcers and non–healing wounds with CO2 laser] Koshelev VN, et al. **Vestn Khir** 1985 Feb;134(2):55–8 (Eng. Abstr.) (Rus)

[Clinico–morphologic evaluation of regenerative processes in gastric incisions made with a laser scalpel] Nechai AI, et al. **Vestn Khir** 1985 Jan;134(1):37–42 (Eng. Abstr.) (Rus)

[Use of laser radiation for treating diseases of the thoracic organs and skin and breast tumors] Skobelkin OK, et al. **Vestn Khir** 1984 Dec;133(12):100–4 (39 ref.) (Rus)

[User of the laser scalpel in gastrectomy and extensive surgery for cancer of the stomach] Skobelkin OK, et al. **Vestn Khir** 1985 Jan;134(1):33–7 (Eng. Abstr.) (Rus)

[Possibilities of using the CO2–laser in plastic surgery of the eyelids] Bol'shunov AV, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):30–2 (Eng. Abstr.) (Rus)

[Mechanism of the hypotensive action of laser trabeculoplasty in open–angle glaucoma] Mamedov NG, et al. **Vestn Oftalmol** 1985 Mar–Apr;101(2):17–8 (Rus)

[Comparative studies of the efficacy of laser therapy of common and pseudoexfoliative primary open–angle glaucoma] Mamedov NG, et al. **Vestn Oftalmol** 1985 May–Jun;101(3):9–12 (Rus)

[Effect of laser irradiation on the cellular structure of pharyngeal mucosa in paratonsillitis] Ivanov BS, et al. **Vestn Otorinolaringol** 1985 Mar–Apr;(2):55–7 (Eng. Abstr.) (Rus)

[Laser therapy of inflammatory diseases of the paranasal sinuses] Timirgaleev MKh, et al. **Vestn Otorinolaringol** 1985 May–Jun;(3):56–60 (Eng. Abstr.) (Rus)

[Use of low–energy laser irradiation in the complex treatment of non–healing wounds of soft tissues] Samokhvalov VI, et al. **Voen Med Zh** 1985 Jan;(1):58–9 (Rus)

[Low–energy laser irradiation in the complex treatment of patients with ear diseases] Bykov VL, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr;(2):60–2 (Rus)

[Laser irradiation in chronic inflammatory diseases of the prostate] Danilova IN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr;(2):43–5 (Eng. Abstr.) (Rus)

[Determination of the nature of vascular reactions to the action of helium–neon laser radiation using an otorheographic method] Mishen'kin NV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun;(3):65–7 (Rus)

[Laser therapy of cervix dysplasia] Polishchuk EI, et al. **Vopr Onkol** 1985;31(3):22–5 (Eng. Abstr.) (Rus)

[Mechanism of the therapeutic effect of helium–neon laser in various cardiovascular diseases] Agov BS, et al. **Vrach Delo** 1985 Jun;(6):17–21 (Eng. Abstr.) (Rus)

[Use of laser radiation in the treatment of patients with rheumatoid arthritis] Iakovenko IK, et al. **Vrach Delo** 1985 Feb;(2):78–80 (Eng. Abstr.) (Rus)

[Treatment of erosive–ulcerative processes in the skin with a low–intensity helium–neon laser] Koliadenko VG, et al. **Vrach Delo** 1984 Oct;(10):98–100 (Rus)

[Reflexotherapy of neurologic complications in chronic alcoholism] Anishchenko GIa, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1377–80 (Eng. Abstr.) (Rus)

[Laser therapy in Peyronie's disease] Puente de la Vega A, et al. **Actas Urol Esp** 1985 Jan–Feb;9(1):107–8 (Eng. Abstr.) (Spa)

[Anesthesia and lasers (letter)] Otero Huerta C, et al. **Rev Esp Anestesiol Reanim** 1984 Nov–Dec;31(6):256 (Spa)

[Laser surgery in glaucoma] Heijl A. **Lakartidningen** 1984 Sep 12;81(37):3217–9 (Swe)

UTILIZATION

[The use of lasers in medicine with special reference to dermatology] Fürnsinn G. **Wien Klin Wochenschr** 1985 Jun 21;97(13):545–50 (Eng. Abstr.) (Ger)

LASSA FEVER

BLOOD

Kinetic study of platelets and fibrinogen in Lassa virus–infected monkeys and early pathologic events in Mopeia virus–infected monkeys. Lange JV, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):999–1007

DIAGNOSIS

Detection of Lassa virus antigens and Lassa virus–specific immunoglobulins G and M by enzyme–linked immunosorbent assay. Niklasson BS, et al. **J Clin Microbiol** 1984 Aug;20(2):239–44

Early diagnosis of human Lassa fever by ELISA detection of antigen and antibody. Jahrling PB, et al. **Lancet** 1985 Feb 2;1(8423):250–2

MICROBIOLOGY

Managing Lassa fever [letter] Emond RT, et al. **Lancet** 1984 Oct 20;2(8408):926

Endemic Lassa fever in Liberia. III. Characterization of Lassa virus isolates. Jahrling PB, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):374–9

MORTALITY

Lassa virus lethality for inbred mice. Lukashevich IS. **Ann Soc Belg Med Trop** 1985 Jun;65(2):207–9

OCCURRENCE

Endemic Lassa fever in Liberia. V. Distribution of Lassa virus activity in Liberia: hospital staff surveys. Frame JD, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):761–3

Endemic Lassa fever in Liberia. II. Serological and virological findings in hospital patients. Frame JD, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):656–60

Endemic Lassa fever in Liberia. I. Clinical and epidemiological aspects at Curran Lutheran Hospital, Zorzor, Liberia. Monson MH, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):549–53

Endemic Lassa fever in Liberia. VI. Village serological surveys for evidence of Lassa virus activity in Lofa County, Liberia. Yalley-Ogunro JE, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):764–70

THERAPY

Management of Lassa fever [editorial] **Lancet** 1984 Sep 29;2(8405):728–9

Endemic Lassa fever in Liberia. IV. Selection of optimally effective plasma for treatment by passive immunization. Jahrling PB, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):380–4

TRANSMISSION

Effect of environmental factors on aerosol–induced Lassa virus infection. Stephenson EH, et al. **J Med Virol** 1984;14(4):295–303

LASSA VIRUS see under **ARENAVIRIDAE**

LASSITUDE see **FATIGUE**

LATENCY PERIOD (PSYCHOLOGY) see under **PSYCHOSEXUAL DEVELOPMENT**

LATENT RAT VIRUS see under **PARVOVIRIDAE**

LATENT SCHIZOPHRENIA see **SCHIZOTYPAL PERSONALITY DISORDER**

LATERAL HYPOTHALAMIC AREA see **HYPOTHALAMIC AREA, LATERAL**

LATERAL HYPOTHALAMIC NUCLEUS see **HYPOTHALAMIC AREA, LATERAL**

LATERAL SCLEROSIS see **AMYOTROPHIC LATERAL SCLEROSIS**

LATERALITY

The couvade syndrome and side preference in child holding. Bogren LY. **Acta Psychiatr Scand** 1985 Mar;71(3):311–4

Introduction of a new metric for the analysis of ear advantage in a dichotic single–response test. Whitaker LA. **Acta Psychol (Amst)** 1985 Jul;59(2):195–208

Genetics of handedness in relation to language disorder. McManus IC. **Adv Neurol** 1984;42:125–38

Manual asymmetries in the performance of sequential movement by adolescents and adults with Down syndrome. Elliott D. **Am J Ment Defic** 1985 Jul;90(1):90–7

ECT–induced hyperactive delirium and brain laterality [letter] Daniel WF. **Am J Psychiatry** 1985 Apr;142(4):521–3

On sinistrality and sex differences in schizophrenia [letter] Hauser P, et al. **Am J Psychiatry** 1985 Oct;142(10):1228

Lateralization of conversion symptoms in children and adolescents. Regan J, et al. **Am J Psychiatry** 1984 Oct;141(10):1279–80

Channels of emotional expression in patients with unilateral brain damage. Borod JC, et al. **Arch Neurol** 1985 Apr;42(4):345–8

Cerebral lateralization. Biological mechanisms, associations, and pathology: II. A hypothesis and a program for research. Geschwind N, et al. **Arch Neurol** 1985 Jun;42(6):521–52 (263 ref.)

Cerebral lateralization. Biological mechanisms, associations, and pathology: III. A hypothesis and a program for research. Geschwind N, et al. **Arch Neurol** 1985 Jul;42(7):634–54

Preserved stenography reading in a patient with pure alexia. A model for dissociated reading processes. Regard M, et al. **Arch Neurol** 1985 Apr;42(4):400–2

Segregation analysis of human hand preference. Risch N, et al. **Behav Genet** 1985 Jul;15(4):385–400

Changes in the incorporation of [3H]leucine into proteins of rat hippocampus subregions during the acquisition of a brightness discrimination are lateralized. Lössner B, et al. **Biomed Biochim Acta** 1984;43(12):1405–15

Inter–hemispheric transmission times in schizophrenics. Shelton EJ, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):227–8

Motor and sighting dominance in schizophrenia and affective disorder. Evidence for right–hand grip strength prominence in paranoid schizophrenia and bipolar illness. Merrin EL. **Br J Psychiatry** 1985 May;146:539–44

Motor and sighting dominance in chronic schizophrenics. Relationship to social competence, age at first admission, and clinical course. Merrin EL. **Br J Psychiatry** 1984 Oct;145:401–6

Lateralization effects in reading pointed and unpointed Hebrew. Koriat A. **Br J Psychol** 1985 May;76 (Pt 2):161–73

Posture and laterality in the bushbaby (Galago senegalensis). Sanford C, et al. **Brain Behav Evol** 1984;25(4):217–24

Rhythm length and hemispheric asymmetry. Ben–Dov G, et al. **Brain Cogn** 1984 Jan;3(1):35–41

Pathological left–handedness and familial sinistrality in relation to degree of mental retardation. Bradshaw–McAnulty G, et al. **Brain Cogn** 1984 Oct;3(4):349–56

Lateral specialization and social–verbal development in preschool children. Kamptner L, et al. **Brain Cogn** 1984 Jan;3(1):42–50

Motor and cognitive interference effects on unimanual tapping rates. Keefe K. **Brain Cogn** 1985 Apr;4(2):165–70

Variations in patterns of lateral asymmetry among dextrals. Levine SC, et al. **Brain Cogn** 1984 Jul;3(3):317–34

Hand inversion in sinistrals and lateral preference: comments on Searleman, Porac, and Coren (1984). Levy J. **Brain Cogn** 1984 Oct;3(4):445-53

A review, analysis, and some new data on hand-posture distributions in left-handers. Levy J. **Brain Cogn** 1984 Apr; 3(2):105-27

Hemispheric lateralization in 47,XXY Klinefelter's syndrome boys. Netley C, et al. **Brain Cogn** 1984 Jan;3(1):10-8

The pathological left-handedness syndrome. Satz P, et al. **Brain Cogn** 1985 Jan;4(1):27-46

Writing hand posture and four indexes of lateral preference. Searleman A, et al. **Brain Cogn** 1984 Jan;3(1):86-93

Age and type of crossed aphasia in dextrals due to stroke. Castro-Caldas A, et al. **Brain Lang** 1984 Sep;23(1):126-33

Hand posture in writing: possible artifacts from self report. Buchtel HA, et al. **Cortex** 1984 Sep;20(3):435-9

Handedness, sex and intelligence. Inglis J, et al. **Cortex** 1984 Sep;20(3):447-51

Hand and eye preference patterns in elementary and junior high school students. Rymar K, et al. **Cortex** 1984 Sep; 20(3):441-6

Sidedness, writing and art. Significance in some problems related to oculomotricy. Arruga A. **Doc Ophthalmol** 1984 Aug 15;58(1):11-23

Lateralisation of the flash visually evoked cortical potential in albino babies. Boylan C, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun;60(6):500-3

The human corpus striatum and dentate nucleus: volumetric analysis for hemispheric asymmetries, sex differences, and aging changes. Murphy GM Jr. **Exp Neurol** 1985 Jul; 89(1):134-45

Measures of lateral functional dominance: hand dominance. Plato CC, et al. **Hum Biol** 1984 May;56(2):259-75

Left hemispheric functional compensation in prosopagnosia? A tachistoscopic study with unilaterally lesioned patients. Christen L, et al. **Hum Neurobiol** 1985;4(1):9-14

Hemispheric asymmetry in face perception tasks of different cognitive requirement. Marzi CA, et al. **Hum Neurobiol** 1985;4(1):15-20

Sex and handedness differences in the use of autoerotic fantasy and imagery: a proposed explanation. Gottlieb JF. **Int J Neurosci** 1985 May;26(3-4):259-68

Ipsilateral versus bilateral placement of a tactile vocoder display. Craig JC, et al. **J Acoust Soc Am** 1985 Mar; 77(3):1266-8

Influence of monaural spectral cues on binaural localization. Musicant AD, et al. **J Acoust Soc Am** 1985 Jan;77(1):202-8

Prior stimulation and the masking-level difference. Yost WA. **J Acoust Soc Am** 1985 Sep;78(3):901-7

Handedness and cognitive functions in pervasive developmental disorders. Fein D, et al. **J Autism Dev Disord** 1985 Sep;15(3):323-33

Brief report: the development of hand laterality in infantile autism. Tsai LY. **J Autism Dev Disord** 1984 Dec; 14(4):447-50

Pedal asymmetries and handedness. Orsini DL, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):127-9

Left-handedness and inflammatory bowel disease. Meyers S, et al. **J Clin Gastroenterol** 1985 Feb;7(1):33-5

Speed of color naming and degree of familial sinistrality: correlation in girls, no correlation in boys. Pringle GF, et al. **J Commun Disord** 1985 Feb;18(1):59-62

Hand preference: its provenance, development, and associations with intellectual ability at the age of 7.5 years. Ounsted M, et al. **J Dev Behav Pediatr** 1985 Apr;6(2):76-80

Control of responding by the location of sound: role of binaural cues. Burlile CJ, et al. **J Exp Anal Behav** 1985 May;43(3):315-9

Handedness and sex differences in selective interference of verbal and spatial information. Nagae S. **J Exp Psychol [Hum Percept]** 1985 Jun;11(3):346-54

Brain function and writing with the unaccustomed left hand. Dawson GA. **J Forensic Sci** 1985 Jan;30(1):167-71

Information processing in near peripheral vision. Williams LJ. **J Gen Psychol** 1984 Oct;111(2ND Half):201-7

Handedness and alcoholism. London WP, et al. **J Nerv Ment Dis** 1985 Sep;173(9):570-2

Lateralization in number and size of sensory axons to the dimorphic chelipeds of crustaceans. Govind CK, et al. **J Neurobiol** 1985 Mar;16(2):111-25

Reaction time of patients with Parkinson's disease, with reference to asymmetry of neurological signs. Yokochi F, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):702-5

The complete pattern of ocular dominance stripes in the striate cortex and visual field of the macaque monkey. LeVay S, et al. **J Neurosci** 1985 Feb;5(2):486-501

CT criteria of hemisphere asymmetry fail to predict language laterality [letter] Castro-Caldas A, et al. **Neurology** 1985 Jun;35(6):935-6

Directional hypokinesia: prolonged reaction times for leftward movements in patients with right hemisphere lesions and neglect. Heilman KM, et al. **Neurology** 1985 Jun;35(6):855-9

Writing postures in left-handers: inverters are hand-crossers. Guiard Y, et al. **Neuropsychologia** 1984;22(4):535-8

An association between hand preference and tactile discrimination performance in the rhesus monkey. Hörster W, et al. **Neuropsychologia** 1985;23(3):411-3

The effect of familial sinistrality on perceptual learning. Melamed LE, et al. **Neuropsychologia** 1984;22(4):495-502

Left-handedness and field-independence. Newland GA. **Neuropsychologia** 1984;22(5):617-9

Pathological left-handedness and ambiguous handedness: a new explanatory model. Soper HV, et al. **Neuropsychologia** 1984;22(4):511-5

Handedness data on the European neolithic. Spennemann DR. **Neuropsychologia** 1984;22(5):613-5

Unilateral right cerebral representation of reading in a familial left-hander. Winkelman MD, et al. **Neuropsychologia** 1984;22(5):621-6

Verbal asymmetries and levels of processing in an interactive dual-task paradigm. Adams BJ, et al. **Percept Mot Skills** 1985 Apr;60(2):371-83

Hemisphericity, locus of control, and grade point average among middle and high school boys and girls. Brog MJ. **Percept Mot Skills** 1985 Feb;60(1):39-45

Some comments on Shettel-Neuber and O'Reilly's 'handedness and career choice: another look at supposed left/right differences' (1983). Lansky LM, et al. **Percept Mot Skills** 1985 Feb;60(1):141-2

Lateralization in attainment and maintenance of neonatal head posture: further external validation. Risser AH, et al. **Percept Mot Skills** 1985 Apr;60(2):611-7

Handedness incidence in a population of black university students. Saunders DA, et al. **Percept Mot Skills** 1985 Apr; 60(2):355-60

Effects of hemispace on tactile bisection by young children. Yamamoto M. **Percept Mot Skills** 1984 Dec;59(3):833-4

Sex differences in human cerebral function. Butler S. **Prog Brain Res** 1984;61:443-55 (79 ref.)

Sex differences in visual half-field superiority as a function of responding hand and motor demands. Heister G. **Prog Brain Res** 1984;61:457-68

A study of braille reading: 2. Patterns of hand activity in one-handed and two-handed reading. Bertelson P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):235-56

Functional between-hand differences and outflow eye position information. Honda H. **Q J Exp Psychol [A]** 1984 Feb;36(1):75-88

A study of braille reading: 1. Reading speed as a function of hand usage and context. Mousty P, et al. **Q J Exp Psychol [A]** 1985 May;37(2):217-33

The brain connection: the corpus callosum is larger in left-handers. Witelson SF. **Science** 1985 Aug 16; 229(4714):665-8

Age, gender, lateral dominance, and prediction of operative skill among general surgery residents. Schueneman AL, et al. **Surgery** 1985 Sep;98(3):506-15

Relative advance of eye movement to the target in the rightward tracking in schizophrenics. Matsue Y, et al. **Tohoku J Exp Med** 1984 Jul;143(3):345-9

[Relation between speech dominance and handedness] Heick A. **Ugeskr Laeger** 1984 Sep 19;146(38):2851-3 (Eng. Abstr.) **(Dan)**

[Cerebral dominance of left-handed subjects] **Rev Med Suisse Romande** 1984 Jul;104(7):509-14 **(Fre)**

[Left hand preference as a result of an early cerebral lesion] **Rev Med Suisse Romande** 1984 Jul;104(7):505-7 **(Fre)**

[Handedness and various other laterality phenomena] **Rev Med Suisse Romande** 1984 Jul;104(7):493-503 **(Fre)**

[Cerebral laterality in animals] Jacot-Descombes C, et al. **Rev Med Suisse Romande** 1985 Jun;105(6):477-81 **(Fre)**

[Single test comparisons of motor lateral preference of upper and lower extremities of girls in vocational schools] Oeser R, et al. **Arztl Jugendkd** 1985 Apr;76(2):96-100 (Eng. Abstr.) **(Ger)**

[Motor unit potentials of the biceps muscle in comparing right and left parameters in right-handed subjects] Lempe V, et al. **EEG EMG** 1984 Sep;15(3):159-62 (Eng. Abstr.) **(Ger)**

[Papillary ridges of palmar interdigital fields--aspects of bilateral asymmetry] Hirth L, et al. **Z Morphol Anthropol** 1984;74(3):335-43 (Eng. Abstr.) **(Ger)**

[The direction of rapid eye movements as an indication of hemispheric asymmetry during REM sleep. II] De Gennaro L, et al **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1587-91 (Eng. Abstr.) **(Ita)**

[Hemispheric asymmetries in cortical electrical activity during sleep. I] Violani C, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1581-6 (Eng. Abstr.) **(Ita)**

[Homolateral imitative synkinesia--symptomatological study. Part 2: Homolateral imitative synkinesia in adult patients] Yamada T, et al. **Rinsho Shinkeigaku** 1984 Aug; 24(8):828-38 (Eng. Abstr.) **(Jpn)**

[Homolateral imitative synkinesia--symptomatological study. Part 1: Homolateral imitative movement in normal children] Yamada T. **Rinsho Shinkeigaku** 1984 Aug; 24(8):823-7 (Eng. Abstr.) **(Jpn)**

[Alexia without agraphia in an ambidexterous patient due to the right occipital lobe lesion] Yamaguchi S, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):711-5 (Eng. Abstr.) **(Jpn)**

[Bicameral model of the brain and endogenous psychoses] Kubacki A. **Psychiatr Pol** 1984 Nov-Dec;18(6):589-98 (40 ref.) **(Pol)**

DRUG EFFECTS

Reassessing morphine effects in cats: I. Specific behavioral responses in intact and unilaterally brain-lesioned animals. Villablanca JR, et al. **Pharmacol Biochem Behav** 1984 Dec; 21(6):913-21

PHYSIOLOGY

Verbal impairment in alcoholics. Parker JB, et al. **Addict Behav** 1984;9(3):287-90

Case report of lateralized affective states immediately after ECT. Decina P, et al. **Am J Psychiatry** 1985 Jan; 142(1):129-31

Article on alexithymia misleading? [letter] Gottlieb JF. **Am J Psychiatry** 1984 Dec;141(12):1637-8

Brain function in psychiatric disorders. III. Regional cerebral blood flow in unmedicated schizophrenics. Gur RE, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):329-34

Temporal (phase and time) disparities in lateralization. Russolo M, et al. **Audiology** 1985;24(3):186-94

Behavioural and electrodermal measures of lateralization for music perception in musicians and nonmusicians. Schweiger A, et al. **Biol Psychol** 1985 Mar;20(2):129-45

Left and right cerebral hemisphere differences in the occurrence of epilepsy. Scott DF. **Br J Med Psychol** 1985 Jun;58 (Pt 2):189-92

The recognition of tachistoscopically presented words, varying in imagery, part of speech and word frequency, in the left and right visual fields. Jackman MK. **Br J Psychol** 1985 Feb;76 (Pt 1):59-74

Right- and left-hand skill: failure of the right shift model. McManus IC. **Br J Psychol** 1985 Feb;76 (Pt 1):1-34

Can group differences in hemispheric asymmetry be inferred from behavioral laterality indices? Schwartz S, et al. **Brain Cogn** 1984 Jan;3(1):57-70 (95 ref.)

Evidence for differentiation of right hemisphere visual-perceptual functions. Wasserstein J, et al. **Brain Cogn** 1984 Jan;3(1):51-6

Is there parallel and independent hemispheric processing of intonational and phonetic components of dichotic speech stimuli? Hartje W, et al. **Brain Lang** 1985 Jan;24(1):83-99

Structural asymmetries in brains of mice selected for strong lateralization. Lipp HP, et al. **Brain Res** 1984 Sep 24; 310(2):393-6

Brain size and shape in strongly and weakly lateralized mice. Ward R, et al. **Brain Res** 1985 Mar 4;328(2):243-9

Laterality and motor skills in four-year-olds. Tan LE. **Child Dev** 1985 Feb;56(1):119-24

The unintegrated right cerebral hemispheric consciousness as alien intruder: a possible mechanism for Schneiderian delusions in schizophrenia. Nasrallah HA. **Compr Psychiatry** 1985 May-Jun;26(3):273-82

Crossed aphasia: one or more syndromes? Basso A, et al. **Cortex** 1985 Mar;21(1):25-45

Left-handed and right-handed aphasics with left hemisphere lesions compared on nonverbal performance measures. Borod JC, et al. **Cortex** 1985 Mar;21(1):81-90

Stimulus effects in unilateral neglect? Caplan B. **Cortex** 1985 Mar;21(1):69-80

Confusion of laterally inverted mirror-images: a relationship to brain anatomy? Fehn U, et al. **Cortex** 1985 Mar; 21(1):91-110

Apraxia of the left limbs in a case of callosal disconnection: the contribution of medial frontal lobe damage. Goldenberg G, et al. **Cortex** 1985 Mar;21(1):135-48

Development of hemiface size asymmetry. Koff E, et al. **Cortex** 1985 Mar;21(1):153-6

Handedness in the mentally handicapped. Batheja M, et al. **Dev Med Child Neurol** 1985 Feb;27(1):63-8

Electroencephalographic spectral power and lateralized motor activities. Autret A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 60(3):228-36

A comparison of the mechanical properties of the first dorsal interosseous in the dominant and non-dominant hand. Tanaka M, et al. **Eur J Applied Physiol** 1984;53(1):17-20

Stimulus specificity of binocular cells in the cat's visual cortex: ocular dominance and the matching of left and right eyes. Skottun BC, et al. **Exp Brain Res** 1984;56(2):206-16

Interaural intensity difference sensitivity based on facilitatory binaural interaction in cat superior colliculus. Wise LZ, et al. **Hear Res** 1984 Nov;16(2):181-7

Handwriting posture, visuomotor integration, and lateralized reaction-time parameters. Levy J, et al. **Hum Neurobiol** 1984;3(3):157-61

A moving video window or a mask yoked to eye movements: experiments on letters, words and biological movement with prolonged hemifield stimulation. Bradshaw JL, et al. **Int J Neurosci** 1984 Dec;25(1-2):81-98

Ear asymmetry for monaurally presented word lists in children and adults. Burns KM, et al. **J Commun Disord** 1985 Feb;18(1):35-48

Two basic properties of space representation in the brain: evidence from unilateral neglect. Bisiach E, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):141-4

Lateral asymmetry in finger localization for right-handed, kindergarten girls. Zung BJ. **J Psychol** 1984 Nov;118(2ND Half):197-206

Laterality differences in child stutterers: heterogeneity, severity levels, and statistical treatments. Blood GW. **J Speech Hear Disord** 1985 Feb;50(1):66-72

Lateral organization and aesthetic preference: the importance of peripheral visual asymmetries. Beaumont JG. **Neuropsychologia** 1985;23(1):103-13

Intermanual information transfer in patients with lesions in the trunk of the corpus callosum. Bentin S, et al. **Neuropsychologia** 1984;22(5):601-11

Hand and hemispace effects in tactual tasks in children. Burden V, et al. **Neuropsychologia** 1985;23(4):515-25

Infant rightward asymmetries predict right-handedness in childhood. Coryell J. **Neuropsychologia** 1985;23(2):269-71

The effects of arithmetic task difficulty and performance level on EEG alpha asymmetry. Earle JB. **Neuropsychologia** 1985;23(2):233-42

An ear asymmetry for gap detection following anterior temporal lobectomy. Efron R, et al. **Neuropsychologia** 1985; 23(1):43-50

A left hemisphere basis for visual mental imagery? Farah MJ, et al. **Neuropsychologia** 1985;23(1):115-8

Right-hemisphere function in hydrocephalic children. Grant DW. **Neuropsychologia** 1985;23(2):285-9

On the interpretation of mouth asymmetry. Graves R, et al. **Neuropsychologia** 1985;23(1):121-2

Conjugate lateral eye movements and cognitive mode: blindness as a control for visually-induced oculomotor effects. Griffiths P, et al. **Neuropsychologia** 1985; 23(2):257-62

Asymmetry of speech actions. Hager JC, et al. **Neuropsychologia** 1985;23(1):119-22

Greater brain response of left-handers to drugs. Irwin P. **Neuropsychologia** 1985;23(1):61-7

Visual agnosia contrasted with visual-verbal disconnection. Larrabee GJ, et al. **Neuropsychologia** 1985;23(1):1-12

Ear differences in children at two years of age. Lokker R, et al. **Neuropsychologia** 1985;23(1):127-9

Electrophysiological correlates of handedness and speech perception contrasts. Molfese DL, et al. **Neuropsychologia** 1985;23(1):77-86

Cross-cultural differences in hemisphericity: EEG asymmetry discriminates between Japanese and Westerners. Moss EM, et al. **Neuropsychologia** 1985;23(1):131-5

Pain measurements in right-left cerebral lesions. Neri M, et al. **Neuropsychologia** 1985;23(1):123-6

Contralesional neglect of constructed visual images in right and left brain-damaged patients. Ogden JA. **Neuropsychologia** 1985;23(2):273-7

Ipsilateral auditory extinction following frontal and basal ganglia lesions of the left hemisphere. Ogden JA. **Neuropsychologia** 1985;23(2):143-59

The role of familial sinistrality in cerebral organization. Orsini DL, et al. **Neuropsychologia** 1985;23(2):223-32

Effects of spelling-to-sound regularity on word identification following brief presentation in the right or left visual field. Parkin AJ, et al. **Neuropsychologia** 1985;23(2):279-83

A group test for the assessment of performance between the hands. Tapley SM, et al. **Neuropsychologia** 1985; 23(2):215-21

Evidence of interhemispheric transmission in laterality effects. Umiltá C, et al. **Neuropsychologia** 1985;23(2):203-13

Neuropsychological models of stuttering--I. Representation of sequential response mechanisms. Webster WG. **Neuropsychologia** 1985;23(2):263-7

Right cerebral hemisphere superiority for constructing facial representations. Young AW, et al. **Neuropsychologia** 1985; 23(2):195-202

Discrimination and recognition of tonal melodies after unilateral cerebral excisions. Zatorre RJ. **Neuropsychologia** 1985;23(1):31-41

Effects of subject-to-experimenter distance and instructions on lateral eye movement. Jamieson JL, et al. **Percept Mot Skills** 1985 Feb;60(1):155-9

A noninvasive index of hemispheric activity. Swift AB, et al. **Percept Mot Skills** 1985 Apr;60(2):515-24

Velocities of motor and sensory nerve conduction are the same for right and left arms in right- and left-handed normal subjects. Tan U. **Percept Mot Skills** 1985 Apr; 60(2):625-6

Rivalry with continuous and flashed stimuli as a measure of ocular dominance across the visual field. Leat SJ, et al. **Perception** 1984;13(3):351-7

Circling and bodily asymmetry induced by injection of GABA agonists and antagonists into the superior colliculus. Geula C, et al. **Pharmacol Biochem Behav** 1984 Dec; 21(6):853-8

Sex differences in the effects of early experience on the development of behavioral and brain asymmetries in rats. Camp DM, et al. **Physiol Behav** 1984 Sep;33(3):433-9

Lateralized rewarding brain stimulation affects forepaw preference in rats. Hernandez-Mesa N, et al. **Physiol Behav** 1985 Apr;34(4):495-9

Sex differences in brain organization for verbal and non-verbal functions. Kimura D, et al. **Prog Brain Res** 1984;61:423-41 (46 ref.)

Left hemisphere specialization for facial and manual imitation. Dawson G, et al. **Psychophysiology** 1985 Mar; 22(2):237-43

[Preliminary study on the handedness of schizophrenics with special reference to its psychopathological phenomenon] Li XT. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):33-5 (Eng. Abstr.) **(Chi)**

[Dexterous digital movements of the non-preferred hand--a test of 46 normal subjects] Qin Z. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):30-2 (Eng. Abstr.) **(Chi)**

[Neurobiology of language in children. The problem of the genesis of hemispheric specialization] Jeannerod M. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):529-32 **(Fre)**

[Confusion over left and right] Assal G. **Schweiz Rundsch Med Prax** 1984 Nov 27;73(48):1473-5 **(Fre)**

[Lateral differences in protopathic and epicritic sensitivity] Pöllmann L. **Dtsch Zahnarztl Z** 1984 Jul;39(7):554-6 (Eng. Abstr.) **(Ger)**

[Hemispheric dominance for speech and calculation: electrophysiologic correlates of left dominance in left handedness] Jung R, et al. **Neuropsychologia** 1984; 22(6):755-75 (Eng. Abstr.) **(Ger)**

[Ocular dominance in strabismus] Cernea P, et al. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):27-34 (Eng. Abstr.) **(Rum)**

[Inactivation of the postural asymmetry factor at the stage of compensation for the postural disorder induced by unilateral removal of the motor area] Danilovskiĭ MA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):132-5 (Eng. Abstr.) **(Rus)**

[Interhemispheric asymmetry of the EEG spectra and their interindividual variation in healthy persons in relation to the laterality of the dominant hand] Efimova IE, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):515-24 **(Rus)**

[Interaction of the motor centers in posture-evoked asymmetry] Avaliani TV, et al. **Fiziol Zh SSSR** 1985 Apr; 71(4):472-9 (Eng. Abstr.) **(Rus)**

[Lateralization factors in the vertebrate brain] Bianki VL. **Fiziol Zh SSSR** 1983 Jul;69(7):865-75 (20 ref.) (Eng. Abstr.) **(Rus)**

[Activity of inferior colliculus neurons during lateralization of complex sounds] Radionova EA. **Fiziol Zh SSSR** 1985 May;71(5):654-6 **(Rus)**

[Spatial-motor asymmetry in rat behavior] Riabinskaia EA, et al. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1078-85 (Eng. Abstr.) **(Rus)**

[Asymmetry in direction of movement in the Myrmica rubra ant during labyrinth training] Udalova GP, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):377-9 **(Rus)**

LATEX

Fresh non-fruit latex of Carica papaya contains papain, multiple forms of chymopapain A and papaya proteinase omega [letter] Brocklehurst K, et al. **Biochem J** 1985 Jun 1;228(2):525-7

The adsorption behaviour of two commercial IgG-preparations onto a polystyrene latex surface. Ronner JA, et al. **Biomaterials** 1984 Jul;5(4):241-3

Enzyme histochemistry of the response by naive and sensitised macrophages to phagocytosis of collagen and latex particles. Pugh DI, et al. **Z Mikrosk Anat Forsch** 1985; 99(1):14-24

[Study of the statistical characteristics of latex suspensions using the Magiscan-2 image analyser] Opalev AA, et al. **Med Tekh** 1985 Jan-Feb;(1):29-33 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Catheter-induced urethritis: a comparison between latex and silicone catheters in a prospective clinical trial. Nacey JN, et al. **Br J Urol** 1985 Jun;57(3):325-8

Cytotoxicity of latex urinary catheters. Ruutu M, et al. **Br J Urol** 1985 Feb;57(1):82-7

ANALYSIS

High-performance liquid chromatographic investigations on some enzymes of papaya latex. Calam DH, et al. **J Chromatogr** 1985 Jun 19;326:103-11

On the active principles of the spurge family, X. Skin irritants, cocarcinogens, and cryptic cocarcinogens from the latex of the manchineel tree. Adolf W, et al. **J Nat Prod** 1984 May-Jun;47(3):482-96

METABOLISM

The control by delta mu H+ of the tonoplast-bound H+-translocating adenosine triphosphatase from rubber-tree (Hevea brasiliensis) latex. Marin BP. **Biochem J** 1985 Jul 15;229(2):459-67

Retention of ingested latex particles in Peyer's patches of germfree and conventional mice. Lefevre ME, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):522-8

PHARMACODYNAMICS

Correlation of the anticholinesterase and molluscicidal activity of the latex of Euphorbia royleana on the snail Lymnaea acuminata. Singh DK, et al. **J Nat Prod** 1984 Jul-Aug;47(4):702-5

LATEX AGGLUTINATION TESTS see **LATEX FIXATION TESTS**

LATEX FIXATION TESTS

Detection of group B streptococci by agglutination testing from selective broth cultures. Teti G, et al. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):292-8

Binding characteristics of antibody-bearing liposomes. Martin FJ, et al. **Ann NY Acad Sci** 1985;446:443-56

Latex agglutination: an appropriate technology for the diagnosis of bacterial meningitis in developing countries. Venkatesh VC, et al. **Ann Trop Paediatr** 1985 Mar;5(1):33-6

Comparative evaluation of three methods for measuring gentamicin in serum. Nevárez-Padilla M, et al. **Bol Asoc Med PR** 1984 Jul;76(7):297-300

Latex agglutination-inhibition test for opiates compared with other immunochemical techniques [letter] Chiarotti M, et al. **Clin Chem** 1985 Jun;31(6):1087-8

Semi-quantitative estimation of serum myoglobin by a rapid latex agglutination method: an emergency screening test for acute myocardial infarction. Chapelle JP, et al. **Clin Chim Acta** 1985 Jan 30;145(2):143-50

Evaluation of urinary estriol by latex agglutination inhibition reaction. Dessole S, et al. **Clin Exp Obstet Gynecol** 1985; 12(1-2):40-2

Evaluation of latex agglutination and microtube coagulase tests for detection of Staphylococcus aureus. Pourshadi M, et al. **Diagn Microbiol Infect Dis** 1984 Sep;2(4):287-91

Rapid diagnosis of Haemophilus influenzae meningitis by a latex agglutination technique. Steinhoff MC, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):387-90

Detection of cytomegalovirus antibody with latex agglutination. Adler SP, et al. **J Clin Microbiol** 1985 Jul; 22(1):68-70

Comparison of a latex agglutination test with five other methods for determining the presence of antibody against cytomegalovirus. Beckwith DG, et al. **J Clin Microbiol** 1985 Mar;21(3):328-31

Evaluation of the API latex conjugate reagent for serological typing of Salmonella and Shigella species. Cleary TJ. **J Clin Microbiol** 1984 Aug;20(2):288-9

Direct appraisal of latex agglutination testing, a convenient alternative to enzyme immunoassay for the detection of rotavirus in childhood gastroenteritis, by comparison of two enzyme immunoassays and two latex tests. Sambourg M, et al. **J Clin Microbiol** 1985 Apr;21(4):622-5

Evaluation of a C-reactive protein latex agglutination detection test with sera from patients with sexually transmitted diseases. Schalla WO, et al. **J Clin Microbiol** 1984 Dec;20(6):1171-3

Comparison of latex agglutination and immunofluorescence for direct Lancefield grouping of streptococci from blood cultures. Shlaes DM, et al. **J Clin Microbiol** 1984 Aug; 20(2):195-8

Use of the directigen latex agglutination test for detection of Haemophilus influenzae, Streptococcus pneumoniae, and Neisseria meningitidis antigens in cerebrospinal fluid from meningitis patients. Sippel JE, et al. **J Clin Microbiol** 1984 Nov;20(5):884-6

Evaluation of Bactigen latex agglutination and Phadebact coagglutination for detection of bacterial antigens in cerebrospinal fluid. Coovadia YM, et al. **J Clin Pathol** 1985 May;38(5):561-4

Latex slide agglutination vs. ELISA system. Rheumatoid factor detection in inflamed human gingiva. Gargiulo AV Jr, et al. **J Periodont Res** 1985 Jan;20(1):31-4

A new test for tuberculous meningitis [editorial] **Lancet** 1984 Dec 1;2(8414):1254

Rapid diagnosis of tuberculous meningitis by latex particle agglutination. Krambovitis E, et al. **Lancet** 1984 Dec 1; 2(8414):1229-31

Latex agglutination text for O serogrouping of Klebsiella species. Fujita S, et al. **Microbiol Immunol** 1984;28(6):731-4

A simple and rapid diagnostic test for typhoid fever. Tantivanich S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):317-22

[Latex and coagglutination test of serum and urine in childhood pneumonia] Simon C, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):225-30 (Eng. Abstr.) **(Ger)**

[Comparison of diagnostic methods in rotavirus infection: immunofluorescence, ELISA and the latex agglutination test] Arista S, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):258-63 (Eng. Abstr.) **(Ita)**

[Clinical application of immuno-precipitation inhibition technique for determination of disopyramide in human plasma] Nishino T, et al. **Hokkaido Igaku Zasshi** 1984 Jul; 59(4):488-95 (Eng. Abstr.) **(Jpn)**

[Application of latex agglutination reaction to quantitative analysis] Tsubota N. **Iyodenshi To Seitai Kogaku** 1984 Aug; 22(4):267-73 **(Jpn)**

[Serological techniques for detection of capsul antigens in bacterial infections] Aihara M, et al. **Kansenshogaku Zasshi** 1984 Jan;58(1):15-22 (Eng. Abstr.) **(Jpn)**

METHODS

Evaluation of the Ramco latex agglutination test in the early diagnosis of systemic candidiasis. Burnie JP, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):98-101

A latex agglutination technique for rapid, direct identification of pneumococci in blood cultures [letter] Denis F, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):321-2

Latex immunoassay for rapid detection of rotavirus. Hughes JH, et al. **J Clin Microbiol** 1984 Sep;20(3):441-7

Improved detection of bacterial antigens by latex agglutination after rapid extraction from body fluids. Smith LP, et al. **J Clin Microbiol** 1984 Nov;20(5):981-4

Evaluation of the Pneumoslide latex agglutination test for identification of Streptococcus pneumoniae. Smith SK, et al. **J Clin Microbiol** 1984 Sep;20(3):592-3

Evaluation of a rapid latex agglutination test for identification of group D streptococci. Vanzo SJ, et al. **J Clin Microbiol** 1984 Sep;20(3):575-6

Preparation of urine samples for use in commercial latex agglutination tests for bacterial antigens. Weinberg GA, et al. **J Clin Microbiol** 1985 Jun;21(6):899-901

Detection of rotavirus by a latex agglutination test, Rotalex:

comparison with electron microscopy, immunofluorescence, polyacrylamide gel electrophoresis, and enzyme linked immunosorbent assay. Moosai RB, et al. **J Clin Pathol** 1985 Jun;38(6):694-700

A comparison of methods for the detection of Candida antigens. Evaluation of a new latex reagent. Hopwood V, et al. **J Immunol Methods** 1985 Jun 25;80(2):199-210

Latex agglutination tests for rapid identification of group A streptococci directly from throat swabs. Gerber MA, et al. **J Pediatr** 1984 Nov;105(5):702-5

Negative latex particle agglutination test (Bactigen) in hemophilus influenzae type b infection. Heldrich FJ. **Md State Med J** 1984 Nov;33(11):919-21

Determination of Clostridium botulinum toxin by reversed passive latex agglutination. Horiguchi Y, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):487-91

[Differentiation between beta- and alpha/(beta)-hemolytic streptococci with special reference to the serological rapid technics] Marx M. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):208-16 (Eng. Abstr.) **(Ger)**

[C-reactive protein--determined by radial immunodiffusion and compared to the latex agglutination method] Lopez Sastre J, et al. **Monatsschr Kinderheilkd** 1984 Sep; 132(9):671-3 (Eng. Abstr.) **(Ger)**

STANDARDS

Reliability of rheumatoid factor tests [letter] von Essen R, et al. **Br J Rheumatol** 1984 Nov;23(4):312-3

Evaluation of a latex particle agglutination kit in pneumococcal disease. Congeni BL, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):417-9

Determination of rubella immunity by latex agglutination: its place in clinical routines. Blomberg J, et al. **Scand J Infect Dis** 1984;16(4):327-33

LATEX RUBBER see **RUBBER**

LATHYRISM

see related
AMINOPROPIONITRILE

COMPLICATIONS

Postlathyric fibroelastosis of the rat aorta related to topical factors of experimental atherosclerosis. Záhoř Z, et al. **Pathol Res Pract** 1985 Mar;179(4-5):537-45

METABOLISM

Characterization of the tissue form of type V collagen from chick bone. Broek DL, et al. **J Biol Chem** 1985 Jan 10; 260(1):555-62

PATHOLOGY

Changes in collagen fibril diameters in a lathyritic connective tissue. Shore RC, et al. **Connect Tissue Res** 1984; 12(3-4):249-55

PHYSIOPATHOLOGY

The mobility of the lathyritic rabbit mandibular incisor in response to axially-directed extrusive loads. Moxham BJ, et al. **Arch Oral Biol** 1984;29(10):773-8

Mechanical properties of fast and slow skeletal muscle with special reference to collagen and endurance training. Kovanen V, et al. **J Biomech** 1984;17(10):725-35

The effect of a lathyritic diet on the sensitivity of tendon to strain rate. Haut RC. **J Biomech Eng** 1985 May; 107(2):166-74

Muscle function studies in amputated lathyritic rats. Yeager VL. **J Exp Zool** 1985 Feb;233(2):193-7

PREVENTION & CONTROL

Protective role of vitamin C against neurolathyrism in guinea pigs. Kabir Y, et al. **JPMA** 1985 Jan;35(1):2-5

LATICES see **LATEX**

LATRINES see **TOILET FACILITIES**

LATS see **LONG-ACTING THYROID STIMULATOR**

LAUDACON see **DIHYDROMORPHINONE**

LAUGHTER

Hashish and laughter: historical notes and translations of early French investigations. Siegel RK, et al. **J Psychoactive Drugs** 1985 Apr-Jun;17(2):87-91

Laughter and medicine [editorial] Elliott-Binns CP. **J R Coll Gen Pract** 1985 Aug;35(277):364-5

Laughter. Black DW. **JAMA** 1984 Dec 7;252(21):2995-8

Treatment of pathologic laughing and weeping with amitriptyline. Schiffer RB, et al. **N Engl J Med** 1985 Jun 6;312(23):1480-2

Gelastic seizures, precocious puberty, and hypothalamic hamartoma. Breningstall GN. **Neurology** 1985 Aug; 35(8):1180-3

Narcolepsy-cataplexy and gelastic-atonic seizures [letter] Duchowny MS, et al. **Neurology** 1985 May;35(5):775-6

[Pathological laughing and crying in motor neuron disease] Yamao S, et al. **Rinsho Shinkeigaku** 1984 Dec;24(12):1235-8 (Eng. Abstr.) **(Jpn)**

[Imotivated laughter: report of 3 cases] Bertolucci PH, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):66-72 (Eng. Abstr.) **(Por)**

[A case of gelastic epilepsy in a child (epileptic crisis with affective semiology of laughing)] Nuevo Bono FJ, et al. **An Esp Pediatr** 1984 Dec;21(9):858-60 **(Spa)**

LAUNDERING

Occupational exposure to perchloroethylene in the dry cleaning industry. Materna BL. **Am Ind Hyg Assoc J** 1985 May;46(5):268-73

Mortality among laundry and dry cleaning workers in Oklahoma. Duh RW, et al. **Am J Public Health** 1984 Nov; 74(11):1278-80

The efficacy of laundering captan and Guthion contaminated fabrics. Easter EP, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):281-7

[Occupational toxicoderma caused by naphthalene] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1985 May; (5):50-2 (Eng. Abstr.) **(Rus)**

METHODS

Gram-negative bacterial endotoxins in airborne dusts from washed and unwashed cottons. Olenchock SA. **Z Erkr Atmungsorgane** 1984;163(3):208-16

LAUNDRY SERVICE, HOSPITAL

see related
BEDDING AND LINENS

LAURATES see under **LAURIC ACIDS**

LAURENCE-MOON-BIEDL SYNDROME

Laurence-Moon-Biedl-Bardet syndrome. Laha NN, et al. **J Indian Med Assoc** 1985 Jan;83(1):21-3

DIAGNOSIS

[Lawrence Moon Biedl Bardet, a polymorphic syndrome] Faraci C, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):529-34 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

[Bardet-Biedl syndrome. Apropos of a family] Guizar-Vázquez JJ, et al. **Bol Med Hosp Infant Mex** 1984 Aug;41(8):442-6 (Eng. Abstr.) **(Spa)**

METABOLISM

Vitamin A nutrition in the Laurence-Moon-Biedl syndrome. A report on two siblings and their parents. Linné T, et al. **Acta Paediatr Scand** 1985 May;74(3):458-9

LAURIC ACIDS

ANALYSIS

Structural studies on the core oligosaccharide of Phenylobacterium immobile strain K2 lipopolysaccharide. Chemical synthesis of 3-hydroxy-5c-dodecenoic acid. Bellmann W, et al. **Biol Chem Hoppe Seyler** 1985 Jun; 366(6):567-75

METABOLISM

Immunochemical study on the contribution of hypolipidaemic-induced cytochrome P-452 to the metabolism of lauric acid and arachidonic acid. Bains SK, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3221-9

PHARMACODYNAMICS

Inhibition of peptidoglycan synthesis of Streptococcus faecium ATCC 9790 and Streptococcus mutans BHT by the antibacterial agent dodecyl glycerol. Ved HS, et al. **Biosci Rep** 1984 Aug;4(8):659-64

Evaluation of a new germicidal hand creme. Reynolds WO, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):49-54

TOXICITY

[Toxicological characteristics of disodium salt of N-lauroyl-L-glutamic acid--a surface-active agent used in the food processing industry] Zaitsev AN, et al. **Vopr Pitan** 1984 Jul-Aug;(4):58-60 (Eng. Abstr.) **(Rus)**

LAURYL ALCOHOL see under **FATTY ALCOHOLS**

LAVAGE see **IRRIGATION**

LAVAGE, GASTRIC see **GASTRIC LAVAGE**

LAXATIVES see **CATHARTICS**

LAXITY, JOINT see **JOINT INSTABILITY**

LD ANTIGENS see **HISTOCOMPATIBILITY ANTIGENS**

LD ANTIGENS, HUMAN see **HLA ANTIGENS**

LD50 see **LETHAL DOSE 50**

LDL CHOLESTEROL see **LIPOPROTEINS, LDL CHOLESTEROL**

LDL RECEPTORS see **RECEPTORS, LDL**

LE CELLS

see related
ANTINUCLEAR FACTORS

LEAD

Mortality of lead smelter workers. Selevan SG, et al. **Am J Epidemiol** 1985 Oct;122(4):673-83

Biological exposure limits: the fetus and EEC politics [editorial] Zielhuis RL. **Br J Ind Med** 1985 Mar;42(3):145-6

Relationship between the 210Pb content of teeth and exposure to Rn and Rn daughters. Clemente GF, et al. **Health Phys** 1984 Aug;47(2):253-62

An estimation of the effective dose equivalent from Rn short-lived decay products. Shimo M. **Health Phys** 1984 Sep;47(3):476-9

Retained lead shot in the appendix. Reddy ER. **J Can Assoc Radiol** 1985 Mar;36(1):47-8

Serum adenosine deaminase activity in healthy subjects and lead workers. Horiguchi S, et al. **Osaka City Med J** 1984 Dec;30(2):139-45

[Prevalence of silicosis and the effect of control measures in a lead mine] Lou JZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):281-4 (Eng. Abstr.) **(Chi)**

[The added bolus for total body irradiation using a lead plate] Tanaka S, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1447-9 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Morphological and biochemical effects of long-term enteral administration of low-doses of cadmium and lead in rats. Dobryszycka W, et al. **Acta Pol Pharm** 1984;41(1):111-5

Adsorption of Pu, Pb and Cd to mouth surfaces during oral administration to mice. Bhattacharyya MH, et al. **Health Phys** 1985 Feb;48(2):207-13

ADVERSE EFFECTS

Saccadic eye movements among copper smelter workers. Glickman L, et al. **Am J Ind Med** 1985;7(2):141-53

Neurophysiological studies on workers exposed to lead [letter] Triebig G. **Br J Ind Med** 1985 Jul;42(7):503

Inorganic lead exposure does not effect lymphocyte micronuclei in car radiator repair workers. Hoffmann M, et al. **Hereditas** 1984;101(2):223-6

Occupational lead exposure. Effects on saccadic eye movements. Glickman L, et al. **Int Arch Occup Environ Health** 1984;54(2):115-25

Recent work on low level lead exposure and its impact on behavior, intelligence, and learning: a review. Smith M. **J Am Acad Child Psychiatry** 1985 Jan;24(1):24-32 (27 ref.)

Behavioral effects following rehabilitation from postnatal exposure to lead acetate. Geist CR, et al. **Percept Mot Skills** 1985 Apr;60(2):527-36

Lead arthropathy: arthritis caused by retained intra-articular bullets. Sclafani SJ, et al. **Radiology** 1985 Aug; 156(2):299-302

[The importance of radon and its daughter products for housing hygiene] Schüttmann W. **Z Gesamte Hyg** 1985 Jun; 31(6):326-31 (36 ref.) (Eng. Abstr.) **(Ger)**

[Chronic lead poisoning caused by environmental pollution] Kittel M. **Pol Tyg Lek** 1984 May 21;39(21):729-34 **(Pol)**

[The electrocardiographic picture of persons chronically exposed to lead] Knapikowa D, et al. **Pol Tyg Lek** 1985 Feb 4;40(5):125-7 **(Pol)**

[Effect of refined copper and lead aerosols on immunological indicators in workers] Lychagin VV, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):31-4 (Eng. Abstr.) **(Rus)**

ANALYSIS

Workplace protection factor measurements on powered air-purifying respirators at a secondary lead smelter: results and discussion. Myers WR, et al. **Am Ind Hyg Assoc J** 1984 Oct;45(10):681-8

Radiological health implications of lead-210 and polonium-210 accumulations in LPG refineries. Summerlin J Jr, et al. **Am Ind Hyg Assoc J** 1985 Apr;46(4):202-5

Lead in finger-bone analysed in vivo in active and retired lead workers. Christoffersson JO, et al. **Am J Ind Med** 1984;6(6):447-57

Lead in bone III. Prediction of social correlates from skeletal lead content in four Colonial American populations (Catoctin Furnace, College Landing, Governor's Land, and Irene Mound). Aufderheide AC, et al. **Am J Phys Anthropol** 1985 Apr;66(4):353-61

Determination of ionic alkyllead compounds in water by gas chromatography/atomic absorption spectrometry. Chakraborti D, et al. **Anal Chem** 1984 Dec;56(14):2692-7

Influence of the time of acidification after sample collection on the preservation of drinking water for lead determination. Miller RG, et al. **Anal Chem** 1985 May; 57(6):1020-3

Zeeman-corrected graphite furnace atomic-absorption spectrometric screening method for the determination of lead in infant formulas and powdered milks. Andersen JR. **Analyst** 1985 Mar;110(3):315-6

Determination by atomic-absorption spectrometry of lead in tin coatings intended to come into contact with food. Chapman AH, et al. **Analyst** 1985 Feb;110(2):159-62

Collaborative study of a graphite-furnace atomic-absorption screening method for the determination of lead in infant formulas. Dabeka RW. **Analyst** 1984 Oct;109(10):1259-63

Potentiometric stripping analysis of lead and tin with a continuous flow system. Mannino S. **Analyst** 1984 Jul; 109(7):905-7

Evaluation of an electrothermal atomisation procedure for the determination of lead in potable water. Webster J, et al. **Analyst** 1984 Oct;109(10):1255-8

Lead pollution in Antwerpen, Belgium. Eylenbosch WJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):224-30

Concentrations of lead in maternal blood, cord blood, and breast milk. Ong CN, et al. **Arch Dis Child** 1985 Aug; 60(8):756-9

Lead in umbilical blood, indoor air, tap water, and gasoline in Boston. Rabinowitz M, et al. **Arch Environ Health** 1984 Jul-Aug;39(4):299-301

Lead and cadmium in breast milk. Higher levels in urban vs rural mothers during the first 3 months of lactation. Sternowsky HJ, et al. **Arch Toxicol** 1985 Apr;57(1):41-5

Heavy metal concentrations of duck tissues in relation to ingestion of spent shot. Hall SL, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):163-72

Lead concentrations in tissues of marsh birds: relationship of feeding habits and grit preference to spent shot ingestion. Hall SL, et al. **Bull Environ Contam Toxicol** 1985 Jul; 35(1):1-8

Blood pressure and hair cadmium, lead, copper, and zinc concentrations in Mississippi adolescents. Medeiros DM, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):163-9

Lead in bones: a cautionary tale. Waldron HA. **Ecol Dis** 1982; 1(2-3):191-6

Epidemiological-environmental study of lead acid battery workers. I. Environmental study of five lead acid battery plants. Jones W, et al. **Environ Res** 1984 Oct;35(1):1-10

Simultaneous measurement of Rn and its progeny in cave air by liquid scintillation techniques and alpha-ray spectrometry. Amano H, et al. **Health Phys** 1985 Sep; 49(3):509-11

Effect of electric fields on 220Rn progeny concentration. Bigu J. **Health Phys** 1985 Sep;49(3):512-6

Relationship between the 210Pb content of teeth and exposure to Rn and Rn daughters. Clemente GF, et al. **Health Phys** 1984 Aug;47(2):253-62

Theory of passive measurement of radon daughters and working levels by the nuclear track technique. Fleischer RL. **Health Phys** 1984 Aug;47(2):263-70

Dependence of electrostatic diffusion of Rn progeny on environmental parameters. Khan A, et al. **Health Phys** 1985 Sep;49(3):443-54

Measurement of 210Pb atmospheric flux in the Pacific Northwest. Nevissi AE. **Health Phys** 1985 Feb;48(2):169-74

Lead-210 in uranium mine and mill workers. Palmer HE, et al. **Health Phys** 1984 Oct;47(4):632-4

Thoron (220Rn) daughter to radon (222Rn) daughter ratios in thorium-rich areas. Stranden E. **Health Phys** 1984 Nov; 47(5):784-5

Measurements of radon-daughter concentrations in and around dwellings in the northern part of The Netherlands; a search for the influences of building materials, construction and ventilation. Wolfs F, et al. **Health Phys** 1984 Aug;47(2):271-9

Lead exposure in the ceramic industry. Evaluation of job exposure in three factories different in size and work organisation. Cornelio G, et al. **Int Arch Occup Environ Health** 1985;55(3):207-15

Partition and determination of cadmium, copper, lead and zinc in marine suspended particulate matter. Rantala RT, et al. **Int J Environ Anal Chem** 1985;19(3):165-73

Industrial lead contamination of an Illinois wildlife refuge and indigenous small mammals. Kisseberth WC, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1309-13

Development of a quality assurance program for determination of ultratrace background levels of lead and cadmium in raw agricultural crops by differential pulse anodic stripping voltammetry. Satzger RD, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1138-40

Detection of inorganic lead contamination with sodium sulfide. Lerner SI, et al. **J Occup Med** 1985 Apr;27(4):293-4

Lead levels in deciduous teeth of Queensland children. Clegg DE, et al. **Med J Aust** 1984 Oct 27;141(9):590-3

Lead content of water and of reconstituted infant formula in Vienna. Haschke F, et al. **Miner Electrolyte Metab** 1985; 11(1):45-51

Variability of cadmium and lead concentrations in bird feathers. Dmowski K, et al. **Naturwissenschaften** 1984 Dec; 71(12):639-40

Identification of lead in Asian cosmetics--a test for use by health visitors. Healy MA, et al. **Public Health** 1984 Nov; 98(6):361-6

Lead in playground dust and on the hands of schoolchildren. Duggan MJ, et al. **Sci Total Environ** 1985 Jul;44(1):65-79

Environmental lead exposure of an urban Indian population. Khandekar RN, et al. **Sci Total Environ** 1984 Dec;40:269-78

Lead in water, infant diet and blood: the Glasgow Duplicate Diet Study. Lacey RF, et al. **Sci Total Environ** 1985 Mar 1;41(3):235-57

Biological availability of lead in a paint aerosol. 1. Physical and chemical characterization of a lead paint aerosol. Kalman D, et al. **Toxicol Lett** 1984 Sep;22(3):301-6

A tentative classification of agricultural foods exposed to roadside lead contamination. Favretto LG. **Z Lebensm Unters Forsch** 1984 Jun;178(6):450-2

[Demonstration of silver and lead contamination of oysters (Crassostrea gigas) and mussels (Mytilus edulis) in French coastal waters. Microanalytical study by secondary ion emission] Chassard-Bouchaud C, et al. **C R Acad Sci [III]** 1985;300(1):3-8 (Eng. Abstr.) **(Fre)**

[Chronologic course of the content of lead, cadmium and zinc in human bones in France] Jaworowski Z, et al. **C R Acad Sci [III]** 1984;299(10):409-12 **(Fre)**

[Lead, cadmium and nickel emissions in Berlin (West)] Lahmann E, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:49-60 **(Ger)**

[Results of comparative physical tests on lead-containing, lead-free and dust-free alginate impression materials] Jordan T, et al. **Zahn Mund Kieferheilkd** 1985;73(1):25-34 (Eng. Abstr.) **(Ger)**

[Initial results of studying the lead concentration of the deciduous and permanent teeth of residents of Turin and the Province. I] Grava G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):241-4 (Eng. Abstr.) **(Ita)**

[The amount of mercury, cadmium and lead found in meals in communities of the city of Rome] Melchiorri C, et al. **Nuovi Ann Ig Microbiol** 1984 Jan-Feb;35(1):3-12 (Eng. Abstr.) **(Ita)**

[Individual variations in the content of cadmium, copper and lead in muscle tissue of the mantle in Sepia officinalis L.] Perdicaro R, et al. **Nuovi Ann Ig Microbiol** 1984 Mar-Apr; 35(2):151-60 (Eng. Abstr.) **(Ita)**

[Migration of lead, cadmium, arsenic and alkali from glassware--comparison of the existing Japanese methods and international standard method] Inoue T, et al. **Eisei Shikenjo Hokoku** 1984;(102):141-4 (Eng. Abstr.) **(Jpn)**

[Migration tests of lead and arsenic from crystal cut glasses made in China] Ishiwata H, et al. **Eisei Shikenjo Hokoku** 1984;(102):140-1 (Eng. Abstr.) **(Jpn)**

[Evaluation of lead exposure of the population of selected regions in the Legnica-Głogów Copper Mining District by the indicator method] Gzyl J, et al. **Rocz Panstw Zakl Hig** 1984;35(5):399-403 (Eng. Abstr.) **(Pol)**

[Cadmium and lead concentrations in potato samples from various regions of Poland] Marchwińska E, et al. **Rocz Panstw Zakl Hig** 1984;35(2):113-8 (Eng. Abstr.) **(Pol)**

[Comparison of the methods of mineralization of samples of raw materials and cosmetics before determination of Cu2+, Pb2+, Zn2+ and Cd2+ ions] Masłowska J, et al. **Rocz Panstw Zakl Hig** 1984;35(5):431-6 (Eng. Abstr.) **(Pol)**

[Evaluation of the daily intake of mercury, lead and cadmium in the meals of selected population groups] Olejnik D, et al. **Rocz Panstw Zakl Hig** 1985;36(1):9-21 (Eng. Abstr.) **(Pol)**

[Biochemical analysis of lead level in the hair of a mixed population. II. Comparison of the lead level in the hair of healthy children and in those with various diseases] Skorkowska-Zieleniewska J, et al. **Rocz Panstw Zakl Hig** 1984;35(4):337-40 (Eng. Abstr.) **(Pol)**

[Chemical contamination of daily meals of selected population groups. I. Preliminary analysis of mercury, lead, cadmium and polychlorinated biphenyls (PCB) in daily food rations from selected students' cafeteria] Smoczyński S, et al. **Rocz Panstw Zakl Hig** 1984;35(3):209-16 (Eng. Abstr.) **(Pol)**

[Cadmium, lead and mercury content of food in student cafeterias] Szymczak J, et al. **Rocz Panstw Zakl Hig** 1984; 35(4):327-32 (Eng. Abstr.) **(Pol)**

[Chromato-atomic-absorption analysis of alkyl derivatives of lead in atmospheric air] Dmitriev MT, et al. **Gig Sanit** 1984 Sep;(9):55-7 **(Rus)**

[Effect of various meteorological factors on changes in the level of radon degradation products] Kvapulin'ski E, et al. **Gig Sanit** 1984 Aug;(8):75-7 **(Rus)**

[Methods of quantitative assessment of the entry of toxic substances into the body of workers by inhalation (using lead compounds as an example)] Pavlovskaia NA, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):29-32 (Eng. Abstr.) **(Rus)**

[Use of alternating-current polarography for determining the lead and cadmium content of wheat grain] Shcheglova IIu, et al. **Vopr Pitan** 1984 Jul-Aug;(4):60-3 (Eng. Abstr.) **(Rus)**

[Pb, Cd, Mn and Fe in inhalable particles in downtown Caracas] Lara V, et al. **Acta Cient Venez** 1984; 35(5-6):369-73 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Effects of vitamin E on lead acetate, using Nyctotheroides as a single-cell model. Sadek IA. **Folia Morphol (Praha)** 1984;32(3):285-7

BLOOD

Innovative modifications to the Delves cup blood-lead analysis procedure. Taylor YP. **Am Ind Hyg Assoc J** 1984 Dec;45(12):B12, B14, B16

The relationship between blood lead levels and blood pressure and its cardiovascular risk implications. Pirkle JL, et al. **Am J Epidemiol** 1985 Feb;121(2):246-58

Home refinishing, lead paint, and infant blood lead levels. Rabinowitz M, et al. **Am J Public Health** 1985 Apr; 75(4):403-4

Direct determination of lead in blood by laser-excited flame atomic-fluorescence spectrometry. Omenetto N, et al. **Analyst** 1984 Aug;109(8):1067-70

Blood lead levels, dietary calcium, and hypertension [editorial] Wedeen RP. **Ann Intern Med** 1985 Mar; 102(3):403-4

Blood lead levels and the haematocrit correction. deSilva PE. **Ann Occup Hyg** 1984;28(4):417-28

Chelation therapy in children as treatment of sequelae in severe lead toxicity. David OJ, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):109-13

Identification of gasoline lead in children's blood using isotopic analysis. Tera O, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):120-3

Baseline level of blood lead concentration among Japanese farmers. Watanabe T, et al. **Arch Environ Health** 1985 May-Jun;40(3):170-6

Statistical correlation between delta-aminolevulinic acid dehydratase activity and blood lead in exposed and non-exposed human populations. A tentative model. Aguilar EM, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun; 15(2):93-107 **(Eng, Spa)**

Relationship of blood lead and manganese in occupationally unexposed subjects. Suma'mur PK, et al. **Arh Hig Rada Toksikol** 1984 Jun;35(2):169-72

Blood lead, urinary delta aminolevulinic acid and the diagnosis of lead poisoning in dogs. Canfield PJ, et al. **Aust Vet J** 1984 Oct;61(10):323-4

Total contribution of airborne lead to blood lead. Manton WI. **Br J Ind Med** 1985 Mar;42(3):168-72

Blood lead concentration and blood pressure [letter] Orssaud G, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):244

Blood lead concentration, blood pressure, and renal function. Pocock SJ, et al. **Br Med J [Clin Res]** 1984 Oct 6; 289(6449):872-4

Blood lead concentrate and blood pressure after CCl4 treatment. Loyke HF. **Bull Environ Contam Toxicol** 1985 May;34(5):730-5

Poor correlation between erythrocytic 5-aminolevulinic acid dehydratase activity and blood lead concentration in a group of eleven-year-old children [letter] Hurst PL, et al. **Clin Chem** 1985 Jul;31(7):1244-5

Studies of lead and cadmium exposure in Glasgow, U.K. McIntosh MJ, et al. **Ecol Dis** 1982;1(2-3):177-84

Lead in petrol. Caplun E, et al. **Endeavour** 1984;8(3):135-44

Omaha childhood blood lead and environmental lead: a linear total exposure model. Angle CR, et al. **Environ Res** 1984 Oct;35(1):160-70

Multicompartment kinetic model for lead. III. Lead in blood plasma and erythrocytes. Marcus AH. **Environ Res** 1985 Apr;36(2):473-89

Effect of diet on blood lead concentration in the cynomolgus monkey. Truelove JF, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):588-96

Temporal stability of blood lead concentrations in adults exposed only to environmental lead. Delves HT, et al. **Hum Toxicol** 1984 Aug;3(4):279-88

Reduction in exposure to lead from drinking water and its effect on blood lead concentrations. Sherlock JC, et al. **Hum Toxicol** 1984 Oct;3(5):383-92

Immunological and enzymatic studies of erythrocytic delta-aminolevulinate dehydratase. Comparison of results obtained in normal and lead-exposed subjects. Boudene C, et al. **Int Arch Occup Environ Health** 1984;55(1):87-96

Iron depletion and blood lead levels in a population with endemic lead poisoning. Hershko C, et al. **Isr J Med Sci** 1984 Nov;20(11):1039-43

The stability of human blood lead in storage. Wang ST, et al. **J Anal Toxicol** 1985 Mar-Apr;9(2):85-8

Lead in petrol and levels of lead in blood: scientific evidence and social policy. Elwood PC, et al. **J Epidemiol Community Health** 1984 Dec;38(4):315-8

Blood lead and blood pressure. Relationship in the adolescent and adult US population. Harlan WR, et al. **JAMA** 1985 Jan 25;253(4):530-4

Blood lead and blood pressure [letter] Hulon WC, et al. **JAMA** 1985 Jul 26;254(4):505-6

Blood lead on a traffic-free island [letter] Stephens R, et al. **Lancet** 1984 Oct 27;2(8409):976

Teamwork can improve the health of lead process workers. Hinton D, et al. **NZ Med J** 1985 May 8;98(778):336-9

Industrial lead exposure: a review of blood lead levels in South Island industries, 1974-83. Hinton D, et al. **NZ Med J** 1984 Nov 14;97(767):769-73

Blood lead levels in the New Zealand population: preliminary communication [letter] Malpress WA, et al. **NZ Med J** 1984 Dec 12;97(769):868-9

Contribution of social and developmental factors to lead exposure during the first year of life. Dietrich KN, et al. **Pediatrics** 1985 Jun;75(6):1114-9

Prediction of response of blood lead to airborne and dietary lead from volunteer experiments with lead isotopes.

Chamberlain AC. **Proc R Soc Lond [Biol]** 1985 Apr 22;224(1235):149-82

Blood lead levels in Malaysian urban and rural pregnant women. Lim HH, et al. **Public Health** 1985 Jan;99(1):23-9

Blood lead levels in motor mechanics. Grobler SR, et al. **S Afr Med J** 1985 Aug 31;68(5):325-6

Blood lead levels in a remote, unpolluted rural area in South Africa. Grobler SR, et al. **S Afr Med J** 1985 Aug 31;68(5):323-4

Erythrocyte pyrimidine-5'-nucleotidase activity as a sensitive indicator of lead exposure. Torrance JD, et al. **S Afr Med J** 1985 May 25;67(21):850-2

Erythrocyte zinc protoporphyrin determination for screening for lead exposure. Torrance JD, et al. **S Afr Med J** 1985 May 25;67(21):848-50

Epidemiological aspects of occupational lead poisoning. Landrigan PJ, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:145-55

The relationship of airbone lead to blood lead in school children. Okubo T, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:137-44

Problems in estimating dose-effect relationship from limited epidemiological data. Sakurai H, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:161-8

In vitro study on lead and alcohol interaction and the inhibition of erythrocyte delta-aminolevulinic acid dehydratase in man. Prpić-Majić D, et al. **Scand J Work Environ Health** 1984 Aug;10(4):235-8

In vivo study on lead and alcohol interaction and the inhibition of erythrocyte delta-aminolevulinic acid dehydratase in man. Telišman S, et al. **Scand J Work Environ Health** 1984 Aug;10(4):239-44

The relationship between air lead and blood lead in children: a critical review. Brunekreef B. **Sci Total Environ** 1984 Sep;38:79-123 (145 ref.)

The combined effect of tobacco and alcohol consumption on the level of lead and cadmium in blood. Grasmick C, et al. **Sci Total Environ** 1985 Mar 1;41(3):207-17

Blood lead, behaviour and intelligence test performance in preschool children. Harvey PG, et al. **Sci Total Environ** 1984 Dec;40:45-60

A preliminary investigation of the lead level in whole blood of normal and occupationally exposed populations in Damascus City. Othman I. **Sci Total Environ** 1985 May;43(1-2):141-8

Evaluation and cleanup of a lead monoxide spill in Greenwood, Louisiana. Redetzki HM, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:36-7

Blood lead levels for persons ages 6 months--74 years: United States, 1976-80. **Vital Health Stat [11]** 1984 Aug;11(233):1-59

[Lead removed from gasoline?] Zielhuis RL. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1663-6 **(Dut)**

[Relative value of various screening tests for lead poisoning according to the degree of exposure to lead] Labrèche FP, et al. **Rev Epidemiol Sante Publique** 1984;32(5):322-9 **(Fre)**

[Blood and atmospheric lead in the Canton of Geneva] Veuthey JL, et al. **Rev Med Suisse Romande** 1984 Dec;104(12):1005-12 **(Fre)**

[Indoor and outdoor lead burden in pregnant women and newborn infants in the Nordenham region] Thron HL, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:231-52 **(Ger)**

[Copper, zinc, lead and cadmium in the placenta] Takács S, et al. **Zentralbl Gynakol** 1984;106(20):1357-61 (Eng. Abstr.) **(Ger)**

[Lead content in the blood of infants and children] Petrovicz E, et al. **Orv Hetil** 1985 Feb 3;126(5):277-8 (Eng. Abstr.) **(Hun)**

[Italian results in a quality control program for the determination of lead in blood. EEC directive 312/29-3-1977] Morisi G, et al. **Ann Ist Super Sanita** 1983;19(2-3):323-34 (Eng. Abstr.) **(Ita)**

[Considerations on a regional inter-laboratory quality control program for the determination of blood levels of lead] Cicchella G, et al. **Med Lav** 1984 Nov-Dec;75(6):437-42 (Eng. Abstr.) **(Ita)**

ISOLATION & PURIFICATION

Binding of cadmium, copper, and lead ions by modified cellulosic materials. Okieimen FE, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):866-70

METABOLISM

Increased lead levels in brain after long-term treatment with lead and dithiocarbamate or thiuram derivatives in rats. Oskarsson A, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):309-15

The influence of dietary citrate on the absorption and retention of orally ingested lead. Spickett JT, et al. **Agents Actions** 1984 Oct;15(3-4):459-62

Elimination kinetics of blood lead in workers with chronic lead intoxication. Hryhorczuk DO, et al. **Am J Ind Med** 1985;8(1):33-42

Lead flux through the kidney and salivary glands of rats. Craan AG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):F773-83

Localization of lead in rat peripheral nerve by electron microscopy. Windebank AJ, et al. **Ann Neurol** 1985 Aug;18(2):197-201

Behavior of lead and zinc in plasma, erythrocytes, and urine and ALAD in erythrocytes following intravenous infusion of CaEDTA in lead workers. Araki S, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):363-7

Metabolism of inorganic lead in occupationally exposed humans. Skerfving S, et al. **Arh Hig Rada Toksikol** 1983 Dec;34(4):341-50

Uptake of inorganic lead in vitro by isolated mitochondria and tissue slices of rat renal cortex. Kapoor SC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1439-48

Effect of cortisone on intestinal uptake of lead in the suckling rat. Henning SJ, et al. **Biol Neonate** 1984;46(5):249-53

Accumulation of lead in fish from Missouri streams impacted by lead mining. Czarnezki JM. **Bull Environ Contam Toxicol** 1985 May;34(5):736-45

Lead in tissues of cats fed pine voles from lead arsenate-treated orchards. Gilmartin JE, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):291-4

A study of the distribution pattern of lead in the leaves of banyan trees (Ficus benghalensis) from different traffic density regions of Calcutta. Datta SC, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):101-6

Multicompartment kinetic models for lead. I. Bone diffusion models for long-term retention. Marcus AH. **Environ Res** 1985 Apr;36(2):441-58

Multicompartment kinetic models for lead. II. Linear kinetics and variable absorption in humans without excessive lead exposures. Marcus AH. **Environ Res** 1985 Apr;36(2):459-72

Subcellular distribution of lead in cultured rat hepatocytes. Mittelstaedt RA, et al. **Environ Res** 1984 Oct;35(1):188-96

Effects of dietary phytic acid on lead and cadmium uptake and depletion in rats. Rose HE, et al. **Environ Res** 1984 Dec;35(2):482-9

Uptake of Pb by human skeleton and comparative metabolism of Pb and alkaline earth elements. Heard MJ, et al. **Health Phys** 1984 Dec;47(6):857-65

The uptake of lead by small intestine, colon and gallbladder of the guinea pig in vivo. Hussein KA, et al. **Histochemistry** 1984;81(6):591-6

Effects of meals and meal times on uptake of lead from the gastrointestinal tract in humans. James HM, et al. **Hum Toxicol** 1985 Jul;4(4):401-7

Effect of 54Mn and lead interaction on their binding with tissue proteins: in vitro studies. Kalia K, et al. **Ind Health** 1984;22(3):207-18

The effects of CaEDTA injection on lead, zinc, copper and ALAD in erythrocyte, plasma and urine in lead-exposed workers: a 24-h observation. Aono H, et al. **Int Arch Occup Environ Health** 1984;55(1):13-8

Lead-binding properties of intestinal calcium-binding proteins. Fullmer CS, et al. **J Biol Chem** 1985 Jun 10;260(11):6816-9

Theoretical model of gastrointestinal absorption of lead. Healy MA. **J Clin Hosp Pharm** 1984 Sep;9(3):257-61

The toxicology of lead shot ingestion in ringed turtle doves under conditions of cold exposure. Kendall RJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):183-92

Absorption and tissue distribution of lead in thiamin-replete and thiamin-deficient rats. Sasser LB, et al. **J Nutr** 1984 Oct;114(10):1816-25

High-affinity lead binding proteins in rat kidney cytosol mediate cell-free nuclear translocation of lead. Mistry P, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):462-9

Lead accumulation by rat renal brush border membrane vesicles. Victery W, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):589-96

Lead mobilization during pregnancy [letter] Thompson GN, et al. **Med J Aust** 1985 Aug 5;143(3):131

Multiple dose exposure effects on the tissue distribution of lead in the preweanling rat. Massaro EJ, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):333-51

Dithiocarbamate-induced redistribution and increased brain uptake of lead in rats. Oskarsson A. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):283-93

Biological availability of lead in a paint aerosol. 2. Absorption, distribution and excretion of intratracheally instilled lead paint particles in the rat. Eaton DL, et al. **Toxicol Lett** 1984 Sep;22(3):307-13

Lead concentrations in fresh, frozen and formalin fixed tissues from lead poisoned calves: guidelines for diagnosis. Bratton GR, et al. **Vet Hum Toxicol** 1985 Feb;27(1):7-10

[Dynamics of abrasion of lead pellets in the gizzard of domestic ducks] Cibulka J, et al. **Tierarztl Prax** 1984;12(3):317-22 (Eng. Abstr.) **(Ger)**

[Effect of vitamin D on lead assimilation] Andrushaite RE, et al. **Vopr Pitan** 1984 Nov-Dec;(6):46-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Lead-induced permeability changes in immature vessels of the developing cerebellar microcirculation. Press MF. **Acta Neuropathol (Berl)** 1985;67(1-2):86-95

Experimental lead neuropathy: inorganic lead inhibits proliferation but not differentiation of Schwann cells. Sobue G, et al. **Ann Neurol** 1985 May;17(5):462-8

Effects of inorganic lead in vitro on ion exchanges and respiratory metabolism of rat kidney cortex. van Rossum GD, et al. **Arch Toxicol** 1985 Jan;56(3):175-81

Investigation of the effect of metal ions on the reactivity of thiol groups in human 5-aminolaevulinate dehydratase. Gibbs PN, et al. **Biochem J** 1985 Feb 1;225(3):573-80

Effect of lead ions on chick-embryo liver mitochondrial delta-aminolaevulinate synthase. Pirola BA, et al. **Biochem J** 1984 Sep 15;222(3):627-30

Inhibition of bovine brain monoamine oxidase by lead. Unni LK, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2563-6

Lead-induced activation and inhibition of potassium-selective channels in the human red blood cell. Shields M, et al. **Biochim Biophys Acta** 1985 May 14;815(2):223-32

Acute effects of lead at central synapses in vitro. Spence I, et al. **Brain Res** 1985 Apr 29;333(1):103-9

Effects of $Pb2+$ and $Cd2+$ on acetylcholine release and $Ca2+$ movements in synaptosomes and subcellular fractions from rat brain and Torpedo electric organ. Suszkiw J, et al. **Brain Res** 1984 Dec 3;323(1):31-46

Purification and characterization of lead-induced zinc thionein in the liver of rats. Arizono K, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):143-8

The level of some serum proteins and lymphocyte count in persons exposed to the action of lead during work. Report I. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983;34(3-4):181-8

Blast lymphocyte transformation (LTT), rosette (E-RFC) and leukocyte migration inhibition (MIF) tests in persons exposed to the action of lead during work. Report II. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983;34(3-4):189-97

Derangement of hepatic energy metabolism in lead-sensitized endotoxicosis. Taki Y, et al. **Eur Surg Res** 1985;17(3):140-9

Interaction of triethyl lead chloride with microtubules in vitro and in mammalian cells. Zimmermann HP, et al. **Exp Cell Res** 1985 Jan;156(1):140-52

The effect of lead on photoreceptor response amplitude--influence of the light stimulus. Sillman AJ, et al. **Exp Eye Res** 1984 Aug;39(2):183-94

Increased body:brain weight ratio in developing rats after low exposure to organic lead. Cragg B, et al. **Exp Neurol** 1984 Oct;86(1):113-21

UDPgalactose:ceramide galactosyltransferase and 2',3'-cyclic-nucleotide 3'-phosphodiesterase activities in rat brain after long-term exposure to methylmercury or triethyllead. Grundt IK, et al. **Exp Neurol** 1985 Jun;88(3):580-9

Level of serum and renal histamine and diamine oxidase activity in lead acetate treated rats. Ganguly AK, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):71-2

Lead and mercury toxicity and the rod light response. Tessier-Lavigne M, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1117-23

Influence of lead ions on cation permeability in human red cell ghosts. Simons TJ. **J Membr Biol** 1985;84(1):61-71

Thyroid function and lead [letter] Cullen MR, et al. **J Occup Med** 1985 May;27(5):330-2

Regulation of lead inhibition of delta-aminolevulinic acid dehydratase by a low molecular weight, high affinity renal lead-binding protein. Goering PL, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):66-71

Effect of lead on fibroblasts taken from an 84-year-old donor. Bemiller PM, et al. **Mech Ageing Dev** 1985 May 13;30(2):169-77

Genotoxic effects of potassium dichromate, sodium arsenite, cobalt chloride and lead nitrate in diploid yeast. Kharab P, et al. **Mutat Res** 1985 Mar;155(3):117-20

Effect of acute triethyl lead treatment on metalloenzymes and binding characteristics of rat brain hippocampus. Bondy SC, et al. **Neurochem Pathol** 1984-85 Winter;2(4):251-66

Mechanism of action of lead on neuromuscular junctions. Atchison WD, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):267-82

Heavy metals: effects on synaptic transmission. Cooper GP, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):247-66

Acetylcholinesterase activity in the brain of rat pups and dams after exposure to lead via the maternal water supply. Gietzen DW, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):235-46

Low level lead effects on activity under varying stress conditions in the developing rat. Barrett J, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):107-18

Effects of triethyl lead on hot-plate responsiveness and biochemical properties of hippocampus. Bondy SC, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1007-11

Whole brain acetylcholinesterase activity in lead-exposed Japanese quail. Edens FW. **Poult Sci** 1985 Jul;64(7):1391-3

Effects of lead exposure on the physiology of neurons. Audesirk G. **Prog Neurobiol** 1985;24(3):199-231 (228 ref.)

The mediated effect of endotoxin and lead upon hepatic metabolism. Kuttner RE, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):319-24

In vivo regulation of delta-aminolevulinate dehydratase activity. Fujita H, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):66-75

Liver hyperplasia and regression after lead nitrate administration. Columbano A, et al. **Toxicol Pathol** 1984;12(1):89-95

The effects of lead on the renin-angiotensin system. Meredith PA, et al. **Xenobiotica** 1985 Jun;15(6):521-8

[Animal experiments on the neurotoxicity of organic solvents on rats pre-challenged with heavy metals] Wagner HM, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:191-200 **(Ger)**

[Effect of cadmium, zinc, lead and mercury on enzyme activity in Saccharomyces cerevisiae] Grafl HJ, et al.

Zentralbl Mikrobiol 1985;140(1):3–11 (Eng. Abstr.) **(Ger)**

[Effect of low doses of lead and cadmium on glyoxalase I and glyoxalase II activities of the liver and brain of rats] Winter R, et al. **Med Pr** 1984;35(3):177–83 (Eng. Abstr.) **(Pol)**

TOXICITY

Study and models of total lead exposures of battery workers. Chavalitnitikul C, et al. **Am Ind Hyg Assoc J** 1984 Dec; 45(12):802–8

Cytogenetic effects of lead acetate on rat bone marrow cells. Tachi K, et al. **Arch Environ Health** 1985 May–Jun; 40(3):144–7

Effect of lead on tissue deposition of mercury in mice. Sin YM, et al. **Bull Environ Contam Toxicol** 1985 Mar; 34(3):438–45

The present status of biological effects of toxic metals in the environment: lead, cadmium, and manganese. Shukla GS, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):1015–31 (187 ref.)

Effects of dietary calcium acetate on lead subacetate carcinogenicity in kidneys of male Sprague–Dawley rats. Kasprzak KS, et al. **Carcinogenesis** 1985 Feb;6(2):279–82

High cytotoxicity and membrane permeability of Et3Pb+ in mammalian and plant cells. Stournaras C, et al. **Cell Biochem Funct** 1984 Oct;2(4):213–6

Biochemical and hematological effects of lead ingestion in nestling American kestrels (Falco sparverius). Hoffman DJ, et al. **Comp Biochem Physiol** [C] 1985;80(2):431–9

Effect of chronic and acute lead treatment in the slug Arion ater on calcium and delta–aminolaevulinic acid dehydratase activity. Ireland MP. **Comp Biochem Physiol** [C] 1984; 79(2):287–90

Cadmium and lead toxicity effects on zinc, copper, nickel and iron distribution in the developing chick embryo. Mas A, et al. **Comp Biochem Physiol** [C] 1985;80(1):185–8

Does lead exposure influence liver protein synthesis in rats? Nicholls DM, et al. **Comp Biochem Physiol** [C] 1984; 78(2):403–8

Influence of chronic lead ingestion on IgG subclass expression of the immune response to bovine serum albumin. Rosenberg H, et al. **Drug Chem Toxicol** 1985; 8(1–2):57–67

The effects of lead on delta–aminolevulinic acid dehydratase activity, growth, hemoglobin content, and reproduction in Daphnia magna. Berglind R, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):216–29

Growth rate of the bacterium Sphaerotilus natans in lead–containing medium and the effect of calcium ions. Medoń P, et al. **Environ Res** 1984 Oct;35(1):228–36

Lead silicate toxicity: a comparison among different compounds. Sartorelli E, et al. **Environ Res** 1985 Apr; 36(2):420–5

Root growth of Cynodon dactylon and Eleusine indica collected from motorways at different concentrations of lead. Wong MH, et al. **Environ Res** 1985 Apr;36(2):257–67

Effect of lead, polychlorinated biphenyls, and cyclophosphamide on rat natural killer cells, interleukin 2, and antibody synthesis. Exon JH, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):158–64

Lead induced histochemical changes in the testes of rats. Saxena DK, et al. **Ind Health** 1984;22(4):255–60

Influence of vitamin B–complex deficiency on lead intoxication in young rats. Tandon SK, et al. **Indian J Med Res** 1984 Oct;80:444–8

Erythrocyte pyrimidine 5'–nucleotidase activity in workers exposed to lead, mercury or cadmium. Mohammed–Brahim B, et al. **Int Arch Occup Environ Health** 1985;55(3):247–52

The effect of lead and polychlorinated biphenyl exposure on rat natural killer cell cytotoxicity. Talcott PA, et al. **Int J Immunopharmacol** 1985;7(2):255–61

Comparative effects of various lead salts on delayed hypersensitivity in mice. Descotes J, et al. **J Appl Toxicol** 1984 Oct;4(5):265–6

Effects of organic and inorganic lead on synaptosomal uptake, release, and receptor binding of glutamate in young rats. Regunathan S, et al. **J Neurochem** 1985 May; 44(5):1642–6

Pyruvate metabolism in the brain of young rats intoxicated with organic and inorganic lead. Regunathan S, et al. **J Neurochem** 1984 Nov;43(5):1346–51

Effect of dietary methionine and lysine on the toxicity of ingested lead acetate in the chick. Leeming TK, et al. **J Nutr** 1984 Nov;114(11):2155–9

Lead induction of crop dysfunction in pigeons through a direct action on neural or smooth muscle components of crop tissue. Boyer IJ, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):607–15

An investigation of the mechanism of lead–induced relaxation of pigeon crop smooth muscle. Boyer IJ, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):616–23

Mechanism of renal lead–binding protein reversal of delta–aminolevulinic acid dehydratase inhibition by lead. Goering PL, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):365–71

Occurrence of cell death (apoptosis) during the involution of liver hyperplasia. Columbano A, et al. **Lab Invest** 1985 Jun;52(6):670–5

Early sensory–motor development and prenatal exposure to lead. Bellinger DC, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):387–402

Chronic lead exposure reduces junctional resistance at an electrical synapse. Audesirk G, et al. **Neurotoxicology (Park Forest Il)** 1984 Winter;5(4):1–7

Brain capillaries: a target for inorganic lead poisoning. Goldstein GW. **Neurotoxicology (Park Forest Il)** 1984 Fall; 5(3):167–75

Maturation of resistance to lead encephalopathy: cellular and subcellular mechanisms. Holtzman D, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):97–124

Effects of chronic lead exposure on release of endogenous catecholamines: a preliminary communication. Kant GJ, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):227–34

Morphometric effects of preweaning lead exposure on the hippocampal formation of adult rats. Kawamoto JC, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):125–48

Triethyllead and cerebral development: an overview. Konat G. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):87–96

Regional brain and pituitary cyclic nucleotide response following central cholinergic stimulation in rats chronically exposed to lead. Lenox RH, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):213–25

Chronic lead exposure of the developing brain: electrophysiological abnormalities of cerebellar Purkinje neurons. Palmer MR, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):149–66

Effect of lead intoxication on calcium homeostasis and calcium–mediated cell function: a review. Pounds JG. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):295–331 (118 ref.)

Effects of early lead exposure on neurotransmitter systems in the brain. A review with commentary. Shellenberger MK. **Neurotoxicology (Park Forest Il)** 1984 Fall; 5(3):177–212

Age of testing as a factor in the behavioral effects of early lead exposure in rats. Rosen JB, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):49–54

Lead toxicity in the chick as affected by excess copper and zinc and by Eimeria acervulina infection. Bafundo KW, et al. **Poult Sci** 1984 Aug;63(8):1594–603

Medaka eggs as a model system for screening potential teratogens. Cameron IL, et al. **Prog Clin Biol Res** 1985; 163C:239–43

Experimental design considerations: a determinant of acute neonatal toxicity. Booze RM, et al. **Teratology** 1985 Apr; 31(2):187–91

Effects of lead and hyperthermia on prenatal brain growth of guinea pigs. Edwards MJ, et al. **Teratology** 1984 Dec; 30(3):413–21

Performance and exposure indices of rats exposed to low concentrations of lead. Cory–Slechta DA, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):291–9

The effects of chronic low lead treatment and hypertension on the severity of cardiac arrhythmias induced by coronary artery ligation in anesthetized rats. Evis MJ, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):235–42

The effect of lead toxicity and milk deprivation of myelination in the rat. Harry GJ, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):458–64

The effects of lead on differentiation of the Friend leukemia cells and rat bone marrow cells. Taketani S, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):374–80

Influence of triethyl lead on the activity of enzymes of the ascites tumor cell plasma membrane and its microviscosity. Haeffner EW, et al. **Toxicol Lett** 1984 Nov;23(2):183–8

Neoplasia induced in male rats fed lead acetate, ethyl urea, and sodium nitrite. Koller LD, et al. **Toxicol Pathol** 1985; 13(1):50–7

Chronic lead exposure differentially affects dopamine transport in rat striatum and nucleus accumbens. Missale C, et al. **Toxicology** 1984 Oct;33(1):81–90

[Adjustment of urinary delta–aminolevulinic acid concentrations in workers exposed to lead and heat. Adjustments of specific gravity to 1.020 and urinary volume coefficients] Hirano H, et al. **Sangyo Igaku** 1984 May;26(3):205–11 (Eng. Abstr.) **(Jpn)**

[Neurotoxicology: effects of lead and beta,beta'–iminodipropionitrile on the nervous system] Araki S, et al. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(14):1717–22 (54 ref.) **(Jpn)**

[New data for the substantiation of safe levels of lead in water] Krasovskii GN, et al. **Gig Sanit** 1984 Oct;(10):14–7 (Eng. Abstr.) **(Rus)**

[Evaluation of the cumulative properties of harmful substances by the subchronic toxicity test] Shtabskii BM, et al. **Gig Sanit** 1985 Mar;(3):57–60 **(Rus)**

[Biological action of the dust from lead–barite ore] Burkhanov AI, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):30–3 (Eng. Abstr.) **(Rus)**

[Characteristics of the toxic effect of lead ingested with food in model experiments] Ivanitskii AM, et al. **Vopr Pitan** 1985 Mar–Apr;(2):63–6 (Eng. Abstr.) **(Rus)**

[Chronic poisoning by low doses of lead: its effects on the cerebral cortex of rats] Selvin–Testa A, et al. **Acta Cient Venez** 1984;35(2):131–5 (Eng. Abstr.) **(Spa)**

URINE

Determination of diethyllead in the urine by flameless atomic absorption spectrometry. Turlakiewicz Z, et al. **Br J Ind Med** 1985 Jan;42(1):63–6

[Determination of lead in the urine by atomic absorption spectrophotometry] Li GX. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):301–3 **(Chi)**

LEAD POISONING

Changes in some liver functions in experimentally lead–poisoned goats. Gouda IM, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):257–67

Lead and brain damage [editorial] Barltrop D. **Hum Toxicol** 1985 Mar;4(2):121

Factitious plumbism [letter] Bass C. **Lancet** 1985 Sep 14; 2(8455):607

[Acute lead tetroxide poisoning] Markiewicz K, et al. **Pol Arch Med Wewn** 1984 Sep;72(3):115–21 (Eng. Abstr.) **(Pol)**

[Lead poisoning: epidemiology and diagnosis] Cartón Sánchez JA. **Med Clin (Barc)** 1985 Mar 30;84(12):492–9 **(Spa)**

BLOOD

Statistical correlation between delta–aminolevulinic acid dehydratase activity and blood lead in exposed and non–exposed human populations. A tentative model. Aguilar EM, et al. **Arch Invest Med (Mex)** 1984 Apr–Jun; 15(2):93–107 **(Eng, Spa)**

Blast lymphocyte transformation (LTT), rosette (E–RFC) and leukocyte migration inhibition (MIF) tests in persons exposed to the action of lead during work. Report II. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3–4):189–97

Effect of bias in hematofluorometer measurements of protoporphyrin in screening programs for lead poisoning. Mitchell DG, et al. **Clin Chem** 1985 Mar;31(3):386–90

Sampling and analysis techniques used in a blood lead survey of 1241 children in Port Pirie, South Australia. Sinclair DF, et al. **Clin Chem** 1984 Oct;30(10):1616–9

Iron depletion and blood lead levels in a population with endemic lead poisoning. Hershko C, et al. **Isr J Med Sci** 1984 Nov;20(11):1039–43

Lead poisoning and euthyroid hyperthyroxinaemia [letter] Tiwari I, et al. **Lancet** 1985 Jun 29;1(8444):1508–9

Lead poisoning in a capacitor and resistor plant––Colorado. **MMWR** 1985 Jun 28;34(25):384–5

Industrial lead exposure: a review of blood lead levels in South Island industries, 1974–83. Hinton D, et al. **NZ Med J** 1984 Nov 14;97(767):769–73

Blood lead levels in Malaysian urban and rural pregnant women. Lim HH, et al. **Public Health** 1985 Jan;99(1):23–9

Epidemiological aspects of occupational lead poisoning. Landrigan PJ, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:145–55

A preliminary investigation of the lead level in whole blood of normal and occupationally exposed populations in Damascus City. Othman I. **Sci Total Environ** 1985 May; 43(1–2):141–8

Lead exposure and changes in the renin–angiotensin–aldosterone system in man. Campbell BC, et al. **Toxicol Lett** 1985 Apr;25(1):25–32

[Relative value of various screening tests for lead poisoning according to the degree of exposure to lead] Labrèche FP, et al. **Rev Epidemiol Sante Publique** 1984;32(5):322–9 **(Fre)**

[Decrease in environmental pollution and changes in biological indicators in occupational exposure to lead] Terzi R, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1211–6 (Eng. Abstr.) **(Ita)**

[Reference values of erythrocyte zinc–protoporphyrin in monitoring occupational exposure to lead] Franco G, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):28–38 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Organic affective illness associated with lead intoxication. Schottenfeld RS, et al. **Am J Psychiatry** 1984 Nov; 141(11):1423–6

A prospective study on early neurotoxic effects of lead. Hernberg S, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):378–82

Reproduction and exposure to lead. Sarić M. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):383–8

Hyperkalemic distal renal tubular acidosis and selective aldosterone deficiency. Combination in a patient with lead nephropathy. Ashouri OS. **Arch Intern Med** 1985 Jul; 145(7):1306–7

Lead encephalopathy. A case report and review of management. Selbst SM, et al. **Clin Pediatr (Phila)** 1985 May;24(5):280–2, 285

Lead–induced convulsions in young infants––a case history and the role of GABA and sodium valproate in the pathogenesis and treatment. Healy MA, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):199–207

Renal function 9 to 17 years after childhood lead poisoning. Moel DI, et al. **J Pediatr** 1985 May;106(5):729–33

Occult lead intoxication in patients with gout and kidney disease. Wright LF, et al. **J Rheumatol** 1984 Aug; 11(4):517–20

Lead as a cause of SIDS [letter] Lyngbye T, et al. **N Engl J Med** 1985 Oct 10;313(15):954–5

Neurotoxicology of lead. Reviews and recent advances. Proceedings of the Lead Neurotoxicity Symposium, September 20–21, 1982, Chicago, Illinois. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):1–361

Effects of present and past occupational exposures [letter] Fischbein A. **NY State J Med** 1985 Jan;85(1):8–9

Effects of lead on the renal response to extracellular volume expansion. Powers WJ Jr, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):367-72

Blood pressure and other cardiovascular risk factors of long-term exposure to lead. Kirkby H, et al. **Scand J Work Environ Health** 1985 Feb;11(1):15-9

Low lead exposure from birth produces behavioral toxicity (DRL) in monkeys. Rice DC, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):421-6

Teratogenesis and mutagenesis associated with the exposure of human males to lead: a review. Uzych L. **Yale J Biol Med** 1985 Jan-Feb;58(1):9-17

[Effects of lead poisoning on properties of brain mitochondria in young rats] Dumas P, et al. **C R Soc Biol (Paris)** 1985; 179(2):175-83 (Eng. Abstr.) **(Fre)**

[Understanding of subclinical lead effects on the nervous system of children with known prenatal exposure in Nordenham] Winneke G, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:215-30 **(Ger)**

[Pregnancy in a worker exposed to lead] Valentino M, et al. **Med Lav** 1984 Jul-Aug;75(4):296-9 (Eng. Abstr.) **(Ita)**

[Nephrologic complications caused by lead poisoning] Rodríguez Jornet A, et al. **Med Clin (Barc)** 1984 Jun 23; 83(4):164-6 (Eng. Abstr.) **(Spa)**

[Acute lead encephalopathy. Apropos of a case in an adult] Salas Puig FJ, et al. **Rev Clin Esp** 1984 Jun 15-30; 173(5-6):309-10 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Biochemical and electrophysiological study of subjects with a history of past lead exposure. Corsi G, et al. **Am J Ind Med** 1984;6(4):281-90

Lead toxicity: problems of definition and laboratory evaluation. Fell GS. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):453-60 (39 ref.)

Recognizing lead poisoning in adults. Keogh JP. **Arch Intern Med** 1984 Oct;144(10):1944-5

Neurophysiological studies on workers exposed to lead. Jeyaratnam J, et al. **Br J Ind Med** 1985 Mar;42(3):173-7

Chasing the lead [editorial] Waldron HA. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):366-7

Erythrocyte porphobilinogen synthase activity as an indicator of lead exposure in children. Chisolm JJ Jr, et al. **Clin Chem** 1985 Apr;31(4):601-5

Chronic renal failure with gout: a marker of chronic lead poisoning. Craswell PW, et al. **Kidney Int** 1984 Sep; 26(3):319-23

Toxicological considerations in the assessment of lead exposure. Hammond PB, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):53-66 (17 ref.)

Electrophysiological evaluation of central and peripheral neural effects of lead exposure. Seppäläinen AM. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):43-52

Erythrocyte pyrimidine-5'-nucleotidase activity as a sensitive indicator of lead exposure. Torrance JD, et al. **S Afr Med J** 1985 May 25;67(21):850-2

[Lead poisoning. Apropos of cases observed in the village of Oued El Heimer and its surrounding area (Province of Oujda)] Benmansour N, et al. **Maroc Med** 1984 Dec; 6(4):315-27 (Eng. Abstr.) **(Fre)**

[Detection of chronic lead poisoning. Value of the assay of erythrocyte protoporphyrin] Nordmann Y, et al. **Presse Med** 1984 Oct 6;13(35):2137-41 (Eng. Abstr.) **(Fre)**

[Periodontologic study of lead exposed and non-exposed workers] Schneider HG, et al. **Z Arztl Fortbild (Jena)** 1984; 78(20):861-4 **(Ger)**

[Lead content in the blood of infants and children] Petrovicz E, et al. **Orv Hetil** 1985 Feb 3;126(5):277-8 (Eng. Abstr.) **(Hun)**

[Chronic lead poisoning in childhood: clinical experience] Carnelli V, et al. **Pediatr Med Chir** 1984 May-Jun; 6(3):377-82 (Eng. Abstr.) **(Ita)**

[Diagnosis of peripheral neuropathy in lead workers] Araki S, et al. **Sangyo Igaku** 1984 Jan;26(1):3-8 (54 ref.) (Eng. Abstr.) **(Jpn)**

[Importance of the method of stimulation electromyography for the early diagnosis of peripheral neuropathy from lead exposure] Petina LV, et al. **Gig Tr Prof Zabol** 1985 Apr; (4):26-30 (Eng. Abstr.) **(Rus)**

[Usefulness of 10 biochemical parameters and dose/response curves in the diagnosis of 68 cases of acute poisoning with inorganic lead] Cartón Sánchez JA, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):465-9 (Eng. Abstr.) **(Spa)**

[3 new cases of lead poisoning. Diagnostic considerations (letter)] Simó Canonge R, et al. **Med Clin (Barc)** 1984 Jun 23;83(4):176 **(Spa)**

DRUG THERAPY

Behavior of lead and zinc in plasma, erythrocytes, and urine and ALAD in erythrocytes following intravenous infusion of CaEDTA in lead workers. Araki S, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):363-7

Chelation therapy in children as treatment of sequelae in severe lead toxicity. David OJ, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):109-13

Failure of chelation therapy in lead nephropathy. Germain MJ, et al. **Arch Intern Med** 1984 Dec;144(12):2419-20

Chelation therapy in lead nephropathy questioned [letter] Sawyer HJ. **Arch Intern Med** 1985 Oct;145(10):1927

2,3-Dimercaptosuccinic acid as an antidote for lead intoxication. Graziano JH, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):431-8

Chelation in metal intoxication. XV: Influence of dimercaptopropane sulphonate (DMPS) on lead poisoned rats with normal or damaged kidneys. Flora SS, et al. **Ind Health** 1985;23(1):17-24

Beneficial effect of S-adenosyl-L-methionine in lead intoxication. Another approach to clinical therapy. Paredes SR, et al. **Int J Biochem** 1985;17(5):625-9

Management of childhood lead poisoning. Piomelli S, et al. **J Pediatr** 1984 Oct;105(4):523-32

Chelation in metal intoxication. XIV. Comparative effect of thiol and amino chelators on lead-poisoned rats with normal or damaged kidneys. Tandon SK, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):204-10

[Lead poisoning treated with 2,3-dimercaptosuccinic acid (letter)] Devars du Mayne JF, et al. **Presse Med** 1984 Oct 13;13(36):2209 **(Fre)**

[Levels of lead in children with hyperactivity and attention deficits. Response to the administration of D-penicillamine] Montoya-Cabrera MA, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):88-91 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Creatine kinase-BB isoenzyme in rat plasma after chronic lead intoxication. Delahunty T. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):192-8

Effects of lead on gamma-glutamyl transpeptidase and (Na+ -K+)-adenosine triphosphatase of the small intestinal mucosa. Wapnir RA, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):101-7

Rat kidney brush border enzyme activity following subchronic oral lead exposure. Teichert-Kuliszewska K, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):211-8

[Research on the activation of delta-aminolevulinic acid dehydrase in lead exposure monitoring] Lu XZ. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):93-6 (Eng. Abstr.) **(Chi)**

ETIOLOGY

Moonshine consumption in West Alabama. Lacy R, et al. **Ala J Med Sci** 1984 Oct;21(4):364-5

A 'gift of God'?: The public health controversy over leaded gasoline during the 1920s. Rosner D, et al. **Am J Public Health** 1985 Apr;75(4):344-52

Identification of community flour mills as the source of lead poisoning in West Bank Arabs. Eisenberg A, et al. **Arch Intern Med** 1985 Oct;145(10):1848-51

Lead poisoning in a West Bank Arab Village. Hershko C, et al. **Arch Intern Med** 1984 Oct;144(10):1969-73

Lead hazard in British stained glass workers. Baxter PJ, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):383

Neurotoxicity of certain environmental substances. Taylor JR. **Clin Lab Med** 1984 Sep;4(3):489-97

Lead intoxication 18 months after a gunshot wound. Beazley WC, et al. **Clin Orthop** 1984 Nov;(190):199-203

Lead in petrol. Caplun E, et al. **Endeavour** 1984;8(3):135-44

Lead in paint [letter] Arnot R. **J R Soc Health** 1984 Dec; 104(6):232

Leads from the MMWR. Lead poisoning-associated death from Asian Indian folk remedies--Florida. **JAMA** 1984 Dec 14;252(22):3118, 3120

Sources of lead poisoning [letter] Levitt C, et al. **JAMA** 1984 Dec 14;252(22):3127-8

Anemic changes in lead-exposed workers after onset of exposure. Yoshida K, et al. **Keio J Med** 1984 Apr; 33(1):29-38

Gasoline sniffing and lead toxicity among siblings--Virginia. **MMWR** 1985 Jul 26;34(29):449-50, 455

Lead poisoning-associated death from Asian Indian folk remedies--Florida. **MMWR** 1984 Nov 16;33(45):638, 643-5

Neurobehavioral toxicology of the organoleads. Walsh TJ, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):67-86

[Lead poisoning from shot and bullets] Lindgreen LB. **Ugeskr Laeger** 1984 Oct 29;146(44):3360-2 (Eng. Abstr.) **(Dan)**

[Lead. An old toxic agent in modern occupational medicine] Alexander J, et al. **Tidsskr Nor Laegeforen** 1984 Nov 20; 104(32):2239-43 (Eng. Abstr.) **(Nor)**

[Chronic lead poisoning caused by environmental pollution] Kittel M. **Pol Tyg Lek** 1984 May 21;39(21):729-34 **(Pol)**

[Health status of workers chronically exposed to lead] Sroczyński J, et al. **Pol Tyg Lek** 1985 Feb 25;40(8):221-3 (Eng. Abstr.) **(Pol)**

[Effect of vitamin D on lead assimilation] Andrushaite RE, et al. **Vopr Pitan** 1984 Nov-Dec;(6):46-9 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Occupational lead exposure: studies in two brothers showing differential susceptibility to lead. Haust HL, et al. **Clin Biochem** 1985 Apr;18(2):102-8

HISTORY

Irregular gout: humoral fantasy or saturnine malady. Wedeen RP. **Bull NY Acad Med** 1984 Dec;60(10):969-79

The myth of lead poisoning among the Romans: an essay review. Scarborough J. **J Hist Med Allied Sci** 1984 Oct; 39(4):469-75

A perspective of lead poisoning in antiquity and the present. Woolley DE. **Neurotoxicology (Park Forest Il)** 1984 Fall; 5(3):353-61

Lead poisoning: a historical overview. Curran AS. **NY State J Med** 1984 Sep;84(9):437-8

The saturnine curse: a history of lead poisoning. Green DW. **South Med J** 1985 Jan;78(1):48-51

Lead poisoning [letter] Prychodko AW. **South Med J** 1985 Sep;78(9):1143

METABOLISM

Increased lead absorption in children with accidental ingestions. Hammer LD, et al. **Am J Emerg Med** 1985 Jul; 3(4):301-4

Elimination kinetics of blood lead in workers with chronic lead intoxication. Hryhorczuk DO, et al. **Am J Ind Med** 1985;8(1):33-42

Localization of lead in rat peripheral nerve by electron microscopy. Windebank AJ, et al. **Ann Neurol** 1985 Aug; 18(2):197-201

In vivo chronic lead exposure alters [3H]nitrendipine binding in rat striatum. Rius RA, et al. **Brain Res** 1984 Nov 19; 322(1):180-3

Neurotoxic action of lead: effect on tetrahydrobiopterin metabolism in the rat. McIntosh MJ, et al. **Comp Biochem Physiol [C]** 1985;81(1):227-31

Studies on the inhibition of erythrocyte and hepatic delta-aminolevulinic acid dehydratase activities and its restoration in mice exposed to lead. Koga N, et al. **Ind Health** 1984;22(2):83-90

Effects of organic and inorganic lead on synaptosomal uptake, release, and receptor binding of glutamate in young rats. Regunathan S, et al. **J Neurochem** 1985 May; 44(5):1642-6

Effects of marginal zinc deficiency on subclinical lead toxicity in the rat neonate. Ashraf MH, et al. **J Nutr** 1985 Mar;115(3):334-46

Lead mobilization during pregnancy [letter] Thompson GN, et al. **Med J Aust** 1985 Aug 5;143(3):131

Effect of lead exposure on dopaminergic D2 receptor binding in the 21-day-old rat. Winder C, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):209-14

Gentamicin nephrotoxicity in cadmium, lead and mercury pretreated rats. Viau C, et al. **Toxicology** 1983 May; 27(1):15-25

[Anthropogenic lead and cadmium burden in the human. Studies on skeletal and organ material] Drasch G. **Fortschr Med** 1985 Feb 28;103(8):219-22 (Eng. Abstr.) **(Ger)**

[Age-dependent accumulation of lead in teeth] Kollmeier H, et al. **Klin Wochenschr** 1984 Sep 3;62(17):826-31 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Effects of low-level lead and arsenic exposure on copper smelter workers. Lilis R, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):38-47

Epidemic outbreak of acute lead poisoning [letter] Carton JA, et al. **Arch Intern Med** 1985 Jul;145(7):1334-5

Industrial lead poisoning in China over the past 33 years. Wang YL. **Ecotoxicol Environ Safety** 1984 Dec;8(6):526-30 (11 ref.)

Childhood lead poisoning. Trachtman L, et al. **J La State Med Soc** 1984 Sep;136(9):28-32

The continuing hazard of lead exposure and its effects in children. Chisolm JJ Jr. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):23-42

Lead toxicity in South Africa [editorial] Davies JC. **S Afr Med J** 1985 May 25;67(21):833-4

The 'lead-induced colic' syndrome in lead intoxication. Janin Y, et al. **Surg Annu** 1985;17:287-307 (169 ref.)

PATHOLOGY

Some toxic effects of lead, other metals and antibacterial agents on the nervous system--animal experiment models. Olson L, et al. **Acta Neurol Scand [Suppl]** 1984;100:77-87

Experimental lead neuropathy: inorganic lead inhibits proliferation but not differentiation of Schwann cells. Sobue G, et al. **Ann Neurol** 1985 May;17(5):462-8

Neutrophilic granulocytosis following lead acetate in female mice. Hogan GR. **Experientia** 1985 Jul 15;41(7):942-3

Differential vulnerability of mixed and cutaneous nerves in lead neuropathy. Bouldin TW, et al. **J Neuropathol Exp Neurol** 1985 Jul;44(4):384-96

Morphometric effects of exposure to lead during the preweaning period on the hippocampal formation of aging rats. Kawamoto JC, et al. **Neurobiol Aging** 1984 Winter; 5(4):297-307

Comparative effects of the sublethal poisoning of zinc, copper and lead on the gonads of the teleost Puntius conchonius ham. Kumar S, et al. **Toxicol Lett** 1984 Nov;23(2):189-94

[Characteristics of the toxic effect of lead ingested with food in model experiments] Ivanitskii AM, et al. **Vopr Pitan** 1985 Mar-Apr;(2):63-6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Altered responsiveness to alcohol after exposure to organic lead. Swartzwelder HS. **Alcohol** 1984 May-Jun;1(3):181-3

Endocrine and reproductive dysfunction in men associated with occupational inorganic lead intoxication. Cullen MR, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):431-40

Effect of lead acetate on rats fed diets containing low levels of folic acid. Rader JI, et al. **Drug Nutr Interact** 1982; 1(2):131-42

Acute lead intoxication due to intravenous injection. Sixel-Dietrich F, et al. **Hum Toxicol** 1985 May;4(3):301-9

Electrocorticogram (ECoG) and auditory evoked potential (AEP) in rats intoxicated with lead acetate. Takahashi Y, et al. **Ind Health** 1984;22(3):189-98

The experimental administration of lead to rats in neuropathological and behavioural studies. Winder C, et al. **J Appl Toxicol** 1985 Jun;5(3):140-7 (76 ref.)

Thyroid function and lead: no clear relationship. Refowitz RM. **J Occup Med** 1984 Aug;26(8):579-83

Influence of chronic inorganic lead exposure on regional dopamine and 5-hydroxytryptamine turnover in rat brain. Lasley SM, et al. **Neurochem Res** 1984 Dec;9(12):1675-88

Functional consequences of prenatal exposure to lead in immature rats. Rabe A, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):43-53

Postnatal lead exposure and the cholinergic system. Alfano DP, et al. **Physiol Behav** 1985 Mar;34(3):449-55

Lead and IQ scores: a reanalysis [letter] Needleman HL, et al. **Science** 1985 Feb 15;227(4688):701-2, 704

Impairment of ketocyclazocine antinociception in rats by perinatal lead exposure. Kitchen I, et al. **Toxicol Lett** 1985 Aug;26(2-3):101-5

Lifetime lead intoxication: influence on the amygdaloid kindling model of epileptogenesis. Schwark WS, et al. **Toxicology** 1985 Jul;36(1):49-60

[Experimental assessment of the risk for offspring in lead exposure] Ivanova-Chemishanska L, et al. **Probl Khig** 1984; 9:79-87 (Eng. Abstr.) **(Bul)**

[Functional state of the pancreas in workers exposed to the long-term action of lead] Timoshina IV, et al. **Ter Arkh** 1985;57(2):91-5 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Lead pollution in Antwerpen, Belgium. Eylenbosch WJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):224-30

Reducing lead exposure in children. Farfel MR. **Annu Rev Public Health** 1985;6:333-60

Leads from the MMWR. Preventing lead poisoning in young children--United States. **JAMA** 1985 Apr 19; 253(15):2182-3

Preventing lead poisoning in young children--United States. **MMWR** 1985 Feb 8;34(5):66-8, 73

A review of public health regulations on lead. Johnson BL, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):1-22

Lead exposure among iron workers in New York City. A continuing occupational hazard in the 1980s. Fischbein A, et al. **NY State J Med** 1984 Sep;84(9):445-8

Teamwork can improve the health of lead process workers. Hinton D, et al. **NZ Med J** 1985 May 8;98(778):336-9

Evaluation and cleanup of a lead monoxide spill in Greenwood, Louisiana. Redetzki HM, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:36-7

Prevention of lead intoxication by vitamin-B complex. Flora SJ, et al. **Z Gesamte Hyg** 1984 Jul;30(7):409-11

PSYCHOLOGY

Occupational lead neurotoxicity: improvement in behavioural effects after reduction of exposure. Baker EL, et al. **Br J Ind Med** 1985 Aug;42(8):507-16

Lead and children's health--recent research and future questions. Harvey PG. **J Child Psychol Psychiatry** 1984 Oct;25(4):517-22

Factitious plumbism [letter] Stephenson TJ, et al. **Lancet** 1985 Aug 10;2(8450):335

Probable self-administration of lead [letter] Taylor A, et al. **Lancet** 1985 Mar 2;1(8427):513

Chronic low-lead exposure from birth produces deficits in discrimination reversal in monkeys. Rice DC. **Toxicol Appl Pharmacol** 1985 Feb;77(2):201-10

[Application of a performance test in the evaluation of lead exposure] **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Jan; 19(1):34-6 (Eng. Abstr.) **(Chi)**

[Psychodiagnosis in lead, mercury and manganese exposure--a report of experiences] Seeber A, et al. **Z Gesamte Hyg** 1984 Dec;30(12):702-6 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Cerebellar calcification and lead. Benson MD, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):814-8

VETERINARY

Influence of dietary calcium on lead poisoning in mallard ducks (Anas platyrynchos). Carlson BL, et al. **Am J Vet Res** 1985 Jan;46(1):276-82

Changes in some liver functions in experimentally lead-poisoned goats. Gouda IM, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):257-67

Blood lead, urinary delta aminolevulinic acid and the diagnosis of lead poisoning in dogs. Canfield PJ, et al. **Aust Vet J** 1984 Oct;61(10):323-4

An outbreak of lead poisoning in dogs. Hamir AN, et al. **Aust. Vet J** 1985 Jan;62(1):21-3

The toxicology of lead shot ingestion in ringed turtle doves under conditions of cold exposure. Kendall RJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):183-92

Hemoglobin interference in the direct determination of erythrocyte protoporphyrin concentrations for monitoring lead intoxication of waterfowl [letter] Kerr KD, et al. **J Wildl Dis** 1985 Jul;21(3):338-40

The influence of milk diet, grain diet, and method of dosing on lead toxicity in young calves. Zmudzki J, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):490-7

A retrospective study of lead poisoning in cattle. Blakley BR. **Vet Hum Toxicol** 1984 Dec;26(6):505-7

Lead concentrations in fresh, frozen and formalin fixed tissues from lead poisoned calves: guidelines for diagnosis. Bratton GR, et al. **Vet Hum Toxicol** 1985 Feb;27(1):7-10

Laboratory diagnosis of Pb poisoning in cattle: a reassessment and review. Bratton GR, et al. **Vet Hum Toxicol** 1984 Oct; 26(5):387-92 (49 ref.)

Clinicopathologic aspects of lead poisoning in birds: a review. Lumeij JT. **Vet Q** 1985 Apr;7(2):133-8 (37 ref.)

An unusual case of lead poisoning in a honey buzzard (Pernis apivorus). Lumeij JT, et al. **Vet Q** 1985 Apr;7(2):165-8

[Pigeons with implanted lead bullets. Effect on delta-aminolevulinic acid dehydratase and determination of corrosion] Moder S, et al. **Tierarztl Prax** 1984; 12(2):185-90 **(Ger)**

LEADERSHIP

Education for leadership in anaesthesiology. The sixteenth Husfeldt lecture, Copenhagen, 11 May, 1984. Papper EM. **Acta Anaesthesiol Scand** 1985 Jan;29(1):11-5

Leadership styles of hospital pharmacy directors. Parrett EE, et al. **Am J Hosp Pharm** 1985 May;42(5):1069-73

Variables that contribute to leadership among female occupational therapists. Scott WE. **Am J Occup Ther** 1985 Jun;39(6):379-85

The challenge for leaders is to help their employees succeed. HART MM. **AORN J** 1985 May;41(5):950-5

Coaching preferences of athletes. Terry PC, et al. **Can J Appl Sport Sci** 1984 Dec;9(4):188-93

The coaching preferences of elite athletes competing at Universiade '83. Terry PC. **Can J Appl Sport Sci** 1984 Dec; 9(4):201-8

A reconsideration of power in psychiatric administration. Lipton AA, et al. **Hosp Community Psychiatry** 1985 May; 36(5):497-503

Community leaders involvement in leprosy health education. Kumar A, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):901-11

Leadership in short-term group therapy: manipulation or facilitation? Dies RR. **Int J Group Psychother** 1985 Jul; 35(3):435-55

The leader's role in dealing with aggression in groups. Ormont LR. **Int J Group Psychother** 1984 Oct;34(4):553-72

Parallel development of the group and its relationship to the leader: a theoretical explanation. Saravay SM. **Int J Group Psychother** 1985 Apr;35(2):197-207

Leadership in clinical dietetics: meeting the challenge to roles in nutritional support. Nestle M. **J Am Diet Assoc** 1984 Nov;84(11):1349-53

Quality--a challenge to professional leadership. Sharp PF. **J Dent Educ** 1984 Oct;48(10):539-42

Follow the leader: a learning exercise. Brandt MA, et al. **J Nurs Educ** 1985 Apr;24(4):139-42

Teaching leadership in nontraditional settings. Oechsle LH, et al. **Nurs Outlook** 1984 Nov-Dec;32(6):313-5

Education for roles and responsibilities in quality assurance: physician leadership. Warner AM. **QRB** 1985 Apr; 11(4):111-4

The imitation of madness: the influence of psychopathology upon culture. Littlewood R. **Soc Sci Med** 1984;19(7):705-15

Annual oration on leadership in medicine. Perry. **Trans Med Soc Lond** 1982-84;99-100:156-63

LEARNED HELPLESSNESS see **HELPLESSNESS, LEARNED**

LEARNING

Adolescents' communication styles and learning about birth control. De Pietro R, et al. **Adolescence** 1984 Winter; 19(76):827-37

Enhancing hypnotic susceptibility: the efficacy of four training procedures. Crouse E, et al. **Am J Clin Hypn** 1984 Oct;27(2):122-36

The influence of curriculum format on learning preference and learning style. Cahill R, et al. **Am J Occup Ther** 1984 Oct;38(10):683-6

Purposeful activity in motor learning theory: an event approach to motor skill acquisition. Gliner JA. **Am J Occup Ther** 1985 Jan;39(1):28-34

Visual function and academic performance. Helveston EM, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):346-55

Learning as a function of haptic discriminability among items. Newman SE, et al. **Am J Psychol** 1984 Fall;97(3):359-72

Learned stimulation in space and motion perception. Wallach H. **Am Psychol** 1985 Apr;40(4):399-404 (20 ref.)

Learning style analysis in surgical training. Baker JD 3d, et al. **Am Surg** 1985 Sep;51(9):494-6

Analysis of age-related impairments in learning and memory in rodent models. Ingram DK. **Ann NY Acad Sci** 1985; 444:312-31

Distributed models of cognitive processes. Applications to learning and memory. McClelland JL. **Ann NY Acad Sci** 1985;444:1-9

The ecology of foraging behavior: implications for animal learning and memory. Kamil AC, et al. **Annu Rev Psychol** 1985;36:141-69 (174 ref.)

Reliability and construct validity of alternate forms of the CLS Inventory. Merritt SL, et al. **ANS** 1984 Oct;7(1):78-85

Interfering with taste aversion learning in rats: the role of associative interference. Cannon DS, et al. **Appetite** 1985 Mar;6(1):1-19

Meal initiation controlled by learned cues: basic behavioral properties. Weingarten HP. **Appetite** 1984 Jun;5(2):147-58

Learning in three species of Diptera: the blow fly Phormia regina, the fruit fly Drosophila melanogaster, and the house fly Musca domestica. McGuire TR. **Behav Genet** 1984 Sep; 14(5):479-526 (108 ref.)

Statistico-syntactic learning techniques. Soldano H, et al. **Biochimie** 1985 May;67(5):493-8

Pacemaker neuron model with plastic firing rate: entrainment and learning ranges. Torras i Genís C. **Biol Cybern** 1985; 52(2):79-91

Genetically related rats with differences in hippocampal uptake of norepinephrine and maze performance. Low WC, et al. **Brain Res Bull** 1984 Jun;12(6):703-9

Noncontingent stimulation, stimulus familiarization, and subsequent learning in young infants. Gekoski MJ, et al. **Child Dev** 1984 Dec;55(6):2226-33

Conditioning of aversion to an odor paired with peripheral shock in the developing rat. Kucharski D, et al. **Dev Psychobiol** 1984 Sep;17(5):465-79

Learning achievement and behavior at school of anemic and non-anemic infants. Palti H, et al. **Early Hum Dev** 1985 Jan;10(3-4):217-23

Measuring time needed for learning to predict learning outcomes. Gettinger M. **Except Child** 1984 Nov;51(3):244-8

Augmented information and the acquisition of skill in physical activity. Newell KM, et al. **Exerc Sport Sci Rev** 1985;13:235-61 (78 ref.)

Semantic elaboration and the method of loci: a new trip for older learners. Yesavage JA, et al. **Exp Aging Res** 1984 Autumn;10(3):155-9

Hypnosis and the learning and recall of visually presented material. Stager GL, et al. **Int J Clin Exp Hypn** 1985 Jan; 33(1):27-39

Learning to detect auditory pattern components. Leek MR, et al. **J Acoust Soc Am** 1984 Oct;76(4):1037-44

Learning preferences, values, and student satisfaction. Barris R, et al. **J Allied Health** 1985 Feb;14(1):13-23

Cognitive styles and learning styles as predictors of academic success in a graduate allied health education program. Blagg JD Jr. **J Allied Health** 1985 Feb;14(1):89-98

The feedback lecture: matching teaching and learning styles. Osterman DN. **J Am Diet Assoc** 1984 Oct;84(10):1221-2

Color association performances of dyslexic and normal children. Varney NR, et al. **J Clin Exp Neuropsychol** 1985 Jun;7(3):314-6

An investigation of the efficiency of blissymbolics vs. print in symbol learning by nonreading preschool pupils. Luftig RL, et al. **J Commun Disord** 1985 Aug;18(4):285-94

Factors influencing song development in the white-crowned sparrow (Zonotrichia leucophrys). Petrinovich L. **J Comp Psychol** 1985 Mar;99(1):15-29

Effects of graphic organizers on learning from lecture. Feil P, et al. **J Dent Educ** 1985 Feb;49(2):115-7

Stimulus control and associative learning. Williams BA. **J Exp Anal Behav** 1984 Nov;42(3):469-83

Naturally occurring mood and learning: comment on Hasher, Rose, Zacks, Sanft, and Doren. Mayer JD, et al. **J Exp Psychol [Gen]** 1985 Sep;114(3):396-409

Nonsense syllables: comprehending the 'almost incomprehensible variation'. Jenkins JJ. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):455-60

Prior knowledge and memory: the influence of natural category size as a function of intention and distraction. Nelson DL, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):94-105

The identity model and factors controlling the superiority of the study-test method over the anticipation method. Izawa C. **J Gen Psychol** 1985 Jan;112(1):65-78

A comparison of physical health and psychosocial variables as predictors of reaction time and serial learning performance in elderly men. Milligan WL, et al. **J Gerontol** 1984 Nov;39(6):704-10

Congruence between curriculum goals and students' perceptions of learning environment. Biddle WB, et al. **J Med Educ** 1985 Aug;60(8):627-34

Self-mentoring strategies. Darling LA. **J Nurs Adm** 1985 Apr;15(4):42-3

The clinical contract--an approach to competency-based clinical learning and evaluation. Beare P. **J Nurs Educ** 1985 Feb;24(2):75-7

Follow the leader: a learning exercise. Brandt MA, et al. **J Nurs Educ** 1985 Apr;24(4):139-42

A learner analysis experiment: cognitive style versus learning style in undergraduate nursing education. Cranston CM, et al. **J Nurs Educ** 1985 Apr;24(4):136-8

Effects of computer-assisted instruction on nursing student learning and attitude. Neil RM. **J Nurs Educ** 1985 Feb;

24(2):72, 74–5

Psychometric prediction of psychiatric learning. Schorer CE. **J Pers Assess** 1984 Aug;48(4):388–9

An experience in learning. Pruitt RD. **Mayo Clin Proc** 1985 Mar;60(3):180–3

The learning style of medical students. Newble DI, et al. **Med Educ** 1985 Jan;19(1):3–8

The clinical learning environments in medicine, paediatrics and surgery clerkships. Patel VL, et al. **Med Educ** 1985 Jan;19(1):54–60

The feedback lecture method: stimulating active learning. Pinkava B. **Nurs Outlook** 1985 Sep–Oct;33(5):258, 257

Learning style preferences of baccalaureate nursing students. Merritt SL. **Nurs Res** 1983 Nov–Dec;32(6):367–72

Psychophysiological and physiological aspects of T-wave amplitude in the objective study of behavior. Furedy JJ, et al. **Pavlov J Biol Sci** 1984 Oct–Dec;19(4):182–94

Are the accessory facial movements of the stutterer learned behaviours? Kraaimaat F, et al. **Percept Mot Skills** 1985 Feb;60(1):11–7

Kindergarteners' selective attention in direct and observational learning. Ohnogi H. **Percept Mot Skills** 1985 Feb;60(1):127–33

Effects of age, sex and differentiated training programmes on motor learning. Spamer EJ. **Percept Mot Skills** 1985 Apr;60(2):537–8

Learning spatial dimensions with a visual sensory aid: Molyneux revisited. Warren DH, et al. **Perception** 1984; 13(3):331–50

Changes in alcohol intake resulting from prior experiences with alcohol odor in young rats. Molina JC, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):387–91

Age differences in water maze performance and swimming behavior in the rat. Adams J, et al. **Physiol Behav** 1984 Dec;33(6):851–5

Population differences in complexity of a learned skill are correlated with the brain space involved. Canady RA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6232–4

Behavioral analysis of chronic pain and its management. Linton SJ, et al. **Prog Behav Modif** 1984;18:1–42 (101 ref.)

Levels of processing, encoding specificity, elaboration, and CHARM. Eich JM. **Psychol Rev** 1985 Jan;92(1):1–38

Associability of a previously conditioned stimulus as a function of qualitative changes in the US. Kasprow WJ, et al. **Q J Exp Psychol [B]** 1985 Feb;37(1):33–48

Cue location does not account for all selective associations in food aversion learning. Stolerman IP. **Q J Exp Psychol [B]** 1985 May;37(2):181–9

Effect of advance organizers on learning medical surgical nursing content by baccalaureate nursing students. Gillies DA. **Res Nurs Health** 1984 Sep;7(3):173–80

Calcium-mediated reduction of ionic currents: a biophysical memory trace. Alkon DL. **Science** 1984 Nov 30; 226(4678):1037–45

[The premature child as a student at risk] Machová J. **Cesk Pediatr** 1984 Jul;39(7):426–7 **(Cze)**

[Biological development and schooling] Vermeil G, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1027–31 (Eng. Abstr.) **(Fre)**

[Current aspects of learning to write in 5-year-old children] Goustard-Malaurie C, et al. **Neuropsychiatr Enfance Adolesc** 1984 Jul–Aug; 32(7–8):393–409 (Eng. Abstr.) **(Fre)**

[Belonging: the operationalization of a new concept of learning theory] Hamm A, et al. **Arch Psychol (Frankf)** 1985;137(1):13–27 (Eng. Abstr.) **(Ger)**

[The possibility of improving the adaptability of preschool children to school] Dahlke U. **Arztl Jugendkd** 1985 Jun; 76(3):141–3 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Effects of methylphenidate on reading in children with attention deficit disorder. Ballinger CT, et al. **Am J Psychiatry** 1984 Dec;141(12):1590–3

State-dependent learning in hyperactive children receiving methylphenidate. Becker-Mattes A, et al. **Am J Psychiatry** 1985 Apr;142(4):455–9

Locus coeruleus as a target for psychogeriatric agents. Olpe HR, et al. **Ann NY Acad Sci** 1985;444:394–405

Central action of substance P: possible role in reward. Stäubli U, et al. **Behav Neural Biol** 1985 Jan;43(1):100–8

Hyperactivity, drugs and attention deficit. Pozzi M, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):217–23

Spatial learning and the hippocampal corticosterone receptor system of old rats: effect of the ACTH4–9 analogue ORG 2766. Rigter H, et al. **Brain Res** 1984 Sep 10;309(2):393–8

Pre-natal administration of diazepam improves radial maze learning in mice. Benton D, et al. **Comp Biochem Physiol [C]** 1985;80(2):273–5

Effects of H-Phe-Ile-Tyr-His-Ser-Tyr-Lys-OH on different behavioral tests of rats. Vécsei L, et al. **Exp Brain Res** 1985;57(3):625–7

Effects of halothane on synaptogenesis and learning behavior in rats. Uemura E, et al. **Exp Neurol** 1985 Sep;89(3):520–9

Methylphenidate in hyperactive children: differential effects of dose on academic, learning, and social behavior. Rapport MD, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):227–43

Recent work on low level lead exposure and its impact on behavior, intelligence, and learning: a review. Smith M. **J Am Acad Child Psychiatry** 1985 Jan;24(1):24–32 (27 ref.)

The effects of dieldrin and chlordimeform on learning and memory in the cockroach, Periplaneta americana: a study in behavioral toxicology. Topinka MA, et al. **J Toxicol Environ Health** 1984;13(4–6):705–19

Learning retardation and enhanced ethanol preference produced by postnatal pretreatments with ethanol in adult rats. Hayashi T, et al. **Jpn J Pharmacol** 1985 Mar; 37(3):269–76

Behavioral methods for measuring effects of drugs on learning and memory in animals. Heise GA. **Med Res Rev** 1984 Oct–Dec;4(4):535–58 (79 ref.)

Disruption of learned and spontaneous alternation in the rat by trimethyltin: chronic effects. Johnson CT, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):337–40

Arginine vasotocin delays extinction of a conditioned avoidance behavior in neonatal chicks. Davis JL, et al. **Peptides (Fayetteville)** 1984 Nov–Dec;5(6):1221–3

The effect of chronic vs. acute injection of vasopressin on animal learning and memory. Hamburger-Bar R, et al. **Peptides (Fayetteville)** 1985 Jan–Feb;6(1):23–5

Behavioral effects following rehabilitation from postnatal exposure to lead acetate. Geist CR, et al. **Percept Mot Skills** 1985 Apr;60(2):527–36

Mental rehearsal of a task under ethanol facilitates tolerance. Vogel-Sprott M, et al. **Pharmacol Biochem Behav** 1984 Sep; 21(3):329–31

Nicotine-produced relearning deficit in C57BL/6J and DBA/2J mice. Gilliam DM, et al. **Psychopharmacology (Berlin)** 1985;86(3):291–5

Effects of methylphenidate on young adults' performance and event-related potentials in a vigilance and a paired-associates learning test. Strauss J, et al. **Psychophysiology** 1984 Nov;21(6):609–21

Effects of peripherally injected vasopressin and des-glycinamide vasopressin on the extinction of a spatial learning task in rats. Packard MG, et al. **Regul Pept** 1985 May;11(1):51–63

PHYSIOLOGY

Thalamic mechanisms underlying acquisition of latch-box problems in the white rat. Thompson R, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(3):105–20

Sensory feedback therapy and theoretical knowledge of motor control and learning. Mulder T, et al. **Am J Phys Med** 1984 Oct;63(5):226–44 (52 ref.)

Cellular mechanisms of learning, memory, and information storage. Farley J, et al. **Annu Rev Psychol** 1985;36:419–94 (338 ref.)

Extinction of associative learning in Hermissenda: behavior and neural correlates. Richards WG, et al. **Behav Brain Res** 1984 Dec;14(3):161–70

Drosophila learning: behavior and biochemistry. Tully T. **Behav Genet** 1984 Sep;14(5):527–57 (101 ref.)

Development of place navigation in rats from weaning to puberty. Schenk F. **Behav Neural Biol** 1985 Jan;43(1):69–85

An early and a late developing system for learning and retention in infant monkeys. Bachevalier J, et al. **Behav Neurosci** 1984 Oct;98(5):770–8

On the role of hippocampal connections in the performance of place and cue tasks: comparisons with damage to hippocampus. Jarrard LE, et al. **Behav Neurosci** 1984 Dec; 98(6):946–54

A computer model for learning processes and the role of the cerebral commissures. Anninos PA, et al. **Biol Cybern** 1984;50(5):329–36

Stabilization of Hebbian neural nets by inhibitory learning. Easton P, et al. **Biol Cybern** 1984;51(1):1–9

Short term changes of event related potentials during concept learning. Verleger R, et al. **Biol Psychol** 1985 Feb; 20(1):1–16

Can the fetus listen and learn? Drife JO. **Br J Obstet Gynaecol** 1985 Aug;92(8):777–9 (30 ref.)

Learning: neural analysis in the isolated brain of a previously trained mollusc, Pleurobranchaea californica. Kovac MP, et al. **Brain Res** 1985 Apr 8;331(2):275–84

Activity-dependent presynaptic facilitation: an associative mechanism in Aplysia. Abrams TW. **Cell Mol Neurobiol** 1985 Jun;5(1–2):123–45 (69 ref.)

Activity-dependent synaptic stabilization in development and learning: how similar the mechanisms? Schmidt JT. **Cell Mol Neurobiol** 1985 Jun;5(1–2):1–3

The role of brain extracellular proteins in neuroplasticity and learning. Shashoua VE. **Cell Mol Neurobiol** 1985 Jun; 5(1–2):183–207

Combined lesions of septum, amygdala, hippocampus, anterior thalamus, mamillary bodies and cingulate and subicular cortex fail to impair the acquisition of complex learning tasks. Irle E. **Exp Brain Res** 1985;58(2):346–61

Learning and interocular transfer of visual discriminations by goldfish with retinotectal compression. Dunn-Meynell AA, et al. **Exp Neurol** 1985 Jun;88(3):696–713

Time, space and value. Garcia J, et al. **Hum Neurobiol** 1985; 4(2):81–9 (69 ref.)

Important associations among EEG-dynamics, event-related potentials, short-term memory and learning. Başar E, et al. **Int J Neurosci** 1985 May;26(3–4):161–80

Constitutional biases in early perceptual learning: III. Similarities and differences between artificially selected and imprinted color preferences in quail chicks (Coturnix coturnix japonica). Kovach JK. **J Comp Psychol** 1985 Mar; 99(1):35–46

Changes of membrane currents during learning. Alkon DL. **J Exp Biol** 1984 Sep;112:95–112 (70 ref.)

Drosophila mushroom body mutants are deficient in olfactory learning. Heisenberg M, et al. **J Neurogenet** 1985 Feb; 2(1):1–30

Ontogeny of brain nuclei controlling song learning and behavior in zebra finches. Bottjer SW, et al. **J Neurosci** 1985 Jun;5(6):1556–62

Input and output changes of an identified neural pathway are correlated with associative learning in Hermissenda. Goh Y, et al. **J Neurosci** 1985 Feb;5(2):536–43

Theoretical models and computer simulations of neural learning systems. Salu Y. **J Theor Biol** 1984 Nov 7; 111(1):31–46

Hot-plate learning in mice is unaltered by immediate post-training administration of naloxone, naltrexone or morphine. Rodgers RJ, et al. **Neuropharmacology** 1985 Apr; 24(4):333–6

Prefrontal cortex and the sequencing of movement in monkeys (Macaca mulatta). Passingham RE. **Neuropsychologia** 1985;23(4):453–62

Interhemispheric asymmetry of associative responses in the cat parietal cortex. Bianki VL, et al. **Neurosci Behav Physiol** 1984 Nov–Dec;14(6):502–10

The role of noradrenaline in tuning and dopamine in switching between signals in the CNS. Oades RD. **Neurosci Biobehav Rev** 1985 Summer;9(2):261–82

Sleep states and learning: a review of the animal literature. Smith C. **Neurosci Biobehav Rev** 1985 Summer;9(2):157–68 (98 ref.)

Learning and memory deficits after lesions of the nucleus basalis magnocellularis: reversal by physostigmine. Murray CL, et al. **Neuroscience** 1985 Apr;14(4):1025–32

Neuropeptides in human memory and learning processes. Zager EL, et al. **Neurosurgery** 1985 Aug;17(2):355–69 (177 ref.)

High proline levels in the brains of mice as related to specific learning deficits. Baxter CF, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1053–9

Cortical mechanisms and cues for action. Passingham RE. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):101–11

Motor sequencing strategies in school-aged children. David KS. **Phys Ther** 1985 Jun;65(6):883–9

Facilitative effects of maternal environmental enrichment on maze learning in rat offspring. Kiyono S, et al. **Physiol Behav** 1985 Mar;34(3):431–5

Cortical mechanisms underlying acquisition of latch-box problems in the white rat. Thompson R, et al. **Physiol Behav** 1984 May;32(5):809–17

Understanding biological computation: reliable learning and recognition. Hogg T, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6871–5

Genetic dissection of Drosophila adenylate cyclase. Livingstone MS. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5992–6

Associative learning and regulation of immune responses. Gorczynski RM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):593–600

Association between learning and cortical catecholamines in non-drug-treated rats. Sahakian BJ, et al. **Psychopharmacology (Berlin)** 1985;86(3):339–43

Effects of fornix transection upon associative memory in monkeys: role of the hippocampus in learned action. Gaffan D, et al. **Q J Exp Psychol [B]** 1984 Aug;36(3):173–221

[Selective stabilization of neuronal representations by resonance between spontaneous prerepresentations of the cerebral network and percepts evoked by interaction with the outside world] Heidmann A, et al. **C R Acad Sci [III]** 1984;299(20):839–44 (Eng. Abstr.) **(Fre)**

[Neuronal network with modifiable synapses: decoding of composite sensory messages under unsupervised and permanent learning] Hérault J, et al. **C R Acad Sci [III]** 1984;299(13):525–8 (Eng. Abstr.) **(Fre)**

[The learning effects of a visual target-aiming performance and the displacement of the body's center of gravity] Kumashiro M, et al. **Ann Physiol Anthropol** 1984 Oct; 3(4):303–9 (Eng. Abstr.) **(Jpn)**

[Water-soluble proteins of the subesophageal ganglionic complex in the edible snail in the early stages of learning] Grinkevich LN, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):429–31 (Eng. Abstr.) **(Rus)**

[Ultrastructural plasticity of the synaptic apparatus of cortical neurons during the formation of associative rearrangements] Kotliar BI, et al. **Dokl Akad Nauk SSSR** 1984;277(6):1499–502 **(Rus)**

[Individual characteristics of the behavior, learning and adaptation of rats exposed to extreme conditions] Aleksandrova ZhG, et al. **Fiziol Zh SSSR** 1984 Sep; 70(9):1294–300 (Eng. Abstr.) **(Rus)**

['Learning' by subicular neurons and theta rhythm] Kvirkveliia LR. **Fiziol Zh SSSR** 1985 Jan;71(1):22–9 (Eng. Abstr.) **(Rus)**

[Hygienic substantiation of mental work and recreation schedules] Agarkov VI, et al. **Gig Sanit** 1985 Jan;(1):33–6 (Eng. Abstr.) **(Rus)**

[Hygienic evaluation of daily schedules of older schoolchildren] Fomin GA. **Gig Sanit** 1985 Jan;(1):86–7 **(Rus)**

[Effect of the learning process on children starting school at the age of 6 years] Grinene EIu, et al. **Gig Sanit** 1985 Jan;(1):30–3 (Eng. Abstr.) **(Rus)**

[Various hygienic aspects of home studies of schoolchildren] Medchuk IK. **Gig Sanit** 1985 Jan;(1):87-8 **(Rus)**

[Arterial pressure and autonomic regulation of the heart in students during academic activities] Saniukevich VI, et al. **Gig Sanit** 1985 Jun;(6):35-6 (Eng. Abstr.) **(Rus)**

[Hygienic prerequisites for optimizing school lessons in the lower grades of secondary school] Serdiukovskaia GN, et al. **Gig Sanit** 1985 Jun;(6):29-33 (Eng. Abstr.) **(Rus)**

[Hygienic evaluation of difficulties of studies in an elementary school] Stepanova MI. **Gig Sanit** 1984 Dec;(12):67-9 **(Rus)**

[Visual analyzer function of children studying from the age of 6 in the preparatory grades of the general education schools of Rostov-on-Don] Sutiagina OV, et al. **Oftalmol Zh** 1984;(3):133-5 (Eng. Abstr.) **(Rus)**

[Psychophysiological indicators in students during training] Kazakov VI, et al. **Voen Med Zh** 1985 Jan;(1):49-52 **(Rus)**

LEARNING DISORDERS

see related
DYSLEXIA

Pediatric assessment of the learning-disabled child. Hagerman RJ. **J Dev Behav Pediatr** 1984 Oct;5(5):274-84 (64 ref.)

Learning disability: 10-year follow-up. Hartzell HE, et al. **Pediatrics** 1984 Dec;74(6):1058-64

The 'gray area' child ... Schoenwetter CD. **Wis Med J** 1984 Nov;83(11):16-7

BLOOD

Clinical import of small increases in serum aluminum [letter] Howard JM. **Clin Chem** 1984 Oct;30(10):1722-3

CHEMICALLY INDUCED

Prenatal monosodium glutamate (MSG) treatment given through the mother's diet causes behavioral deficits in rat offspring. Frieder B, et al. **Int J Neurosci** 1984 Apr;23(2):117-26

Age of testing as a factor in the behavioral effects of early lead exposure in rats. Rosen JB, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):49-54

Maternal barbiturate administration and offspring response to shock. Martin JC, et al. **Psychopharmacology (Berlin)** 1985;85(2):214-20

COMPLICATIONS

Relations between emotional disorders and specific reading retardation in children. Reeler AP. **Cent Afr J Med** 1985 May;31(5):101-5

Macrocephaly and minor congenital anomalies in children with learning problems. Smith RD, et al. **J Dev Behav Pediatr** 1984 Oct;5(5):231-6

DIAGNOSIS

A follow-up study of Finnish children with specific learning disabilities. Korhonen T. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):255-63

Early identification of learning problems in neonatal intensive care graduates. Sell EJ, et al. **Am J Dis Child** 1985 May;139(5):460-3

The assessment of children with school problems: evaluation of a hospital-based multidisciplinary clinic. Oberklaid F, et al. **Aust Paediatr J** 1985 May;21(2):97-100

Hyperlexic children reading. Goldberg TE, et al. **Brain** 1984 Sep;107 (Pt 3):759-85

The Department of Education's Sixth Annual Report to Congress on P.L. 94-142: is Congress getting the full story? Gerber MM. **Except Child** 1984 Nov;51(3):209-24

The univariate and multivariate relationships among environmental, sociocultural, biological, and developmental variables and the identification of learning disabled children. Jorgenson CB, et al. **Int J Neurosci** 1985 May;26(3-4):283-8

Florida Kindergarten Screening Battery. Gates RD. **J Clin Neuropsychol** 1984 Nov;6(4):459-65

The WISC-R as a predictor of Woodcock-Johnson achievement cluster scores for learning-disabled students. Hutton JB, et al. **J Clin Psychol** 1985 May;41(3):410-4

The Slosson Intelligence Test and young learning-disabled children: a comparative study. Jeffrey TB, et al. **J Clin Psychol** 1984 Sep;40(5):1255-6

Recategorized WISC-R scores of learning-disabled children from Mexican-American culture. Mishra SP. **J Clin Psychol** 1984 Nov;40(6):1485-8

WISC-R performance patterns of learning-disabled children from Papago culture. Mishra SP. **J Clin Psychol** 1984 Nov;40(6):1489-92

Human figure drawing ability and vestibular processing dysfunction in learning-disabled children. Ottenbacher K, et al. **J Clin Psychol** 1984 Jul;40(4):1084-9

On the meaning of the WISC-R third factor: relations to selected neuropsychological measures. Ownby RL, et al. **J Consult Clin Psychol** 1985 Aug;53(4):531-4

Learning deficits in adolescents with anorexia nervosa. Witt ED, et al. **J Nerv Ment Dis** 1985 Mar;173(3):182-4

Variations in WISC-R patterns of learning disabled children. Saklofske DH, et al. **Percept Mot Skills** 1984 Oct;59(2):415-21

Exner's Four Square: useful index in appraisal of learning disability? Scott RS. **Percept Mot Skills** 1985 Apr;60(2):525-6

Test-retest Wechsler Intelligence Scale for Children-Revised scores for 310 educable mentally retarded and specific learning disabled students. Whorton JE. **Psychol Rep** 1985 Jun;56(3):857-8

ACTeRS useful in screening learning disabled from attention deficit disordered (ADD-H) children. Ullmann RK. **Psychopharmacol Bull** 1985;21(2):339-44

[Children with learning disabilities in the doctor's office] Touwen BC. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):682-4 **(Dut)**

[Pedagogic-psychologic aspects of the diagnosis and development of school ability in East Germany] Witzlack G. **Arztl Jugendkd** 1985 Jun;76(3):144-54 (Eng. Abstr.) **(Ger)**

[Diagnostic parameters based on experimental psychology procedure] Schaarschmidt U, et al. **Z Psychol** 1985;193(1-2):117-31 (Eng. Abstr.) **(Ger)**

DIET THERAPY

The myth of Homo gastronomicus: your child is not what he eats. Accardo P. **Mo Med** 1985 Feb;82(2):72-4

DRUG THERAPY

A controlled trial of vasopressin treatment of childhood learning disorder. Eisenberg J, et al. **Biol Psychiatry** 1984 Jul;19(7):1137-41

Neonatal brain damage and recovery: intraventricular injection of NGF at time of injury alters performance of active avoidance. Eclancher F, et al. **Brain Res** 1985 Apr;351(2):227-35

Effects of reward and methylphenidate on heart rate response morphology of augmenting and reducing children. Ackerman PT, et al. **Int J Psychophysiol** 1984 Jun;1(4):301-16

[Vasopressin and its new therapeutic possibilities] Pluta RM. **Neurol Neurochir Pol** 1984 May-Jun;18(3):269-73 (30 ref.) **(Pol)**

ETIOLOGY

Comparative effects of long-term ethanol consumption and forebrain lesions on maze learning and active avoidance behavior in rats. Beatty WW, et al. **Alcohol** 1984 Nov-Dec;1(6):465-70

Acute alcohol exposure during gestational day 8 in the rat: effects upon physical and behavioral parameters. Molina JC, et al. **Alcohol** 1984 Nov-Dec;1(6):459-64

Cyclophosphamide in the male rat: behavioral effects in the adult offspring. Auroux M, et al. **Behav Brain Res** 1985 Jul;16(1):25-36

Effects of conductive hearing loss on speech, language, and learning development. Bennett FC, et al. **Clin Rev Allergy** 1984 Nov;2(4):377-85 (40 ref.)

Manual sequence learning after focal cortical lesions. Jason GW. **Neuropsychologia** 1985;23(4):483-96

Effects of malnutrition and environment on the acquisition and extinction of avoidance behavior in rats. De Oliveira LM, et al. **Physiol Behav** 1985 Jan;34(1):141-5

Cortical dysfunction as an aetiological factor in learning disability. Leary PM, et al. **S Afr Med J** 1984 Sep 22;66(12):453-5

[Electroencephalographic picture in children with reading and writing disabilities in the light of the Bender-Koppitz test and anamnestic data] Jarosz J, et al. **Folia Med Cracov** 1984;25(1-2):127-38 (Eng. Abstr.) **(Pol)**

[Formation, fixation and reproduction of temporary connections in the rat after experimental myocardial infarction] Davydov VV, et al. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1174-5 **(Rus)**

FAMILIAL & GENETIC

De novo paracentric inversion in an X chromosome. Herr HM, et al. **J Med Genet** 1985 Apr;22(2):140-2

PATHOLOGY

Anatomical basis of learning disabilities. Brain specialization. Kemper TL. **Otolaryngol Clin North Am** 1985 May;18(2):305-14

PHYSIOPATHOLOGY

Delayed taste aversion learning in preweanling rats exposed to alcohol prenatally. Driscoll CD, et al. **Alcohol** 1985 Mar-Apr;2(2):277-80

Information processing and speech lateralization in learning-disabled children. Obrzut JE, et al. **Brain Lang** 1985 May;25(1):87-101

Auditory and visual evoked potentials of schoolboys with spelling disabilities. Byring R, et al. **Dev Med Child Neurol** 1985 Apr;27(2):141-8

A critical look at vestibular dysfunction in learning-disabled children. Polatajko HJ. **Dev Med Child Neurol** 1985 Jun;27(3):283-92

Relationships between neurodevelopmental and educational findings in children aged 6 to 12 years. Berninger VW, et al. **Pediatrics** 1985 Apr;75(4):697-702

PREVENTION & CONTROL

Prevention by specific perceptual remediation for vulnerable first-graders. Controlled study and follow-up of lasting effects. Arnold LE, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1279-94

Pre-school intervention programmes. Reader L. **Child Care Health Dev** 1984 Jul-Aug;10(4):237-51

[Early prevention of pediatric psychiatric disorders in kindergarten and school children] Friedrich MH. **Acta Paedopsychiatr (Basel)** 1985 Mar;50(6):291-8 **(Ger)**

['Preferred preschool examination'--observations and results] Hein H. **Off Gesundheitswes** 1984 Sep;46(9):411-8 **(Ger)**

PSYCHOLOGY

Learning disabilities and adolescence: developmental considerations. Cohen J. **Adolesc Psychiatry** 1985;12:177-96

Outcomes of learning disabilities in adolescence. Silver AA, et al. **Adolesc Psychiatry** 1985;12:197-213

Recent stressful life events and young children's school adjustment. Sterling S, et al. **Am J Community Psychol** 1985 Feb;13(1):87-98

Behavior and academic achievement in hyperactive subgroups and learning-disabled boys. A six-year follow-up. August GJ, et al. **Am J Dis Child** 1984 Nov;138(11):1025-9

Performance of EMR and learning-disabled students on the brigance, peabody, and wide range achievement tests. Lindsey JD, et al. **Am J Ment Defic** 1984 Sep;89(2):197-201

High school students' attitudes and actions toward 'slow learners'. Miller CT, et al. **Am J Ment Defic** 1984 Sep;89(2):156-66

Taxonomy of family life styles: II. Homes with slow-learning children. Mink IT, et al. **Am J Ment Defic** 1984 Sep;89(2):111-23

The social status-socioempathy relationship among mildly handicapped and nonhandicapped children: analysis of the person X environment fit. Morrison GM. **Appl Res Ment Retard** 1985;6(1):1-14

The brain-fag syndrome in Nigeria: cognitive deficits in an illness associated with study. Morakinyo O. **Br J Psychiatry** 1985 Feb;146:209-10

Learning disabilities and intelligence test results: a model based on a principal components analysis of the WISC-R. Lawson JS, et al. **Br J Psychol** 1985 Feb;76 (Pt 1):35-48 (60 ref.)

Factors related to grade retention in children with short stature. Holmes CS, et al. **Child Care Health Dev** 1984 Jul-Aug;10(4):199-210

Leisure activities of learning disabled children as a reflection of their passive life style and prolonged dependency. Margalit M. **Child Psychiatry Hum Dev** 1984 Winter;15(2):133-41

Learning impotence and the Peter Pan fantasy. Westman JC, et al. **Child Psychiatry Hum Dev** 1985 Spring;15(3):153-66

Selective attention deficits in learning disabled children: analysis of the data base. Fleisher LS, et al. **Except Child** 1984 Oct;51(2):136-41 (20 ref.)

Failure to find attention differences between learning disabled and normal children on classroom and laboratory tasks. Samuels SJ, et al. **Except Child** 1985 Feb;51(5):358-75

Attentional deficits of learning-disabled children: effects of rewards and practice. Kistner JA. **J Abnorm Child Psychol** 1985 Mar;13(1):19-31

Comprehension of nonverbal communication: a reexamination of the social competencies of learning-disabled children. Stone WL, et al. **J Abnorm Child Psychol** 1984 Dec;12(4):505-18

Accuracy versus speed in the generalized effort of learning-disabled children. Eisenberger R, et al. **J Exp Anal Behav** 1984 Jul;42(1):19-36

A developmental study of learning disabilities and memory. Ceci SJ. **J Exp Child Psychol** 1984 Oct;38(2):352-71

A performance test to accompany ophthalmic examination in the young school age child: the 'draw a bicycle' test. Helveston EM, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):17-9

A prospective study of young men at high risk for alcoholism: school behavior and achievement. Knop J, et al. **J Stud Alcohol** 1985 Jul;46(4):273-8

Tactile stimulation and interhemispheric communication by learning disabled children: an exploratory study. Berlin DF. **Percept Mot Skills** 1985 Jun;60(3):731-6

Making functional time estimates: comparison of school-aged, learning-disabled and other children. Burd L, et al. **Percept Mot Skills** 1984 Dec;59(3):967-73

Hypothesis testing and problem solving by learning disabled and nondisabled boys. Ludlow BL, et al. **Percept Mot Skills** 1985 Feb;60(1):160

Language and visuospatial abilities in learning-disabled, brain-damaged, and nondisabled young adults. O'Donnell JP. **Percept Mot Skills** 1985 Jun;60(3):807-14

Cognitive difficulties in psychoanalysis. Kafka E. **Psychoanal Q** 1984 Oct;53(4):533-50

[Maladjustment and school failure] Guran P. **Arch Fr Pediatr** 1984 Aug-Sep;41(7):449-51 **(Fre)**

[Family dynamics and learning disorders] Fertsch-Röver-Berger C. **Prax Kinderpsychol Kinderpsychiatr** 1985 Apr;34(3):90-5 (Eng. Abstr.) **(Ger)**

[Family conditions in concentration and performance disorders] Knoke H. **Prax Kinderpsychol Kinderpsychiatr**

1984 Aug-Sep;33(6):234-8 (Eng. Abstr.) **(Ger)**

REHABILITATION

Vision training and learning disorders. Heiger AA. **Conn Med** 1984 Dec;48(12):778-80

Matching technology to content and learners: a case study. Friedman SG, et al. **Except Child** 1984 Oct;51(2):130-4

Factors associated with the employment status of handicapped youth exiting high school from 1979 to 1983. Hasazi SB, et al. **Except Child** 1985 Apr;51(6):455-77

An investigation of mainstream teacher time spent with students labeled learning disabled. Ivarie J, et al. **Except Child** 1984 Oct;51(2):142-9

Ordinary or special schools for children with learning failure: problems in evaluation. Graham PJ. **Rev Epidemiol Sante Publique** 1984;32(5):273-6

THERAPY

Long-term effectiveness of the Adolescent Learning Center: a challenge to the concept of least restrictive environment. LeVine E, et al. **Adolescence** 1984 Fall;19(75):521-6

I.Q. changes in young children following intensive long-term psychotherapy. Zelman AB, et al. **Am J Psychother** 1985 Apr;39(2):215-27

Helping teachers increase student academic engagement rate. The evaluation of a minimal feedback procedure. Leach DJ, et al. **Behav Modif** 1985 Jan;9(1):55-71

An empirical definition of elementary school adjustment. Selection of target behaviors for a comprehensive treatment program. McConnell SR, et al. **Behav Modif** 1984 Oct;8(4):451-73

Comparison of a full-time mainstreaming program and a resource room approach. Wang MC, et al. **Except Child** 1984 Sep;51(1):33-40

Let us pause and reflect--but not too long. Will MC. **Except Child** 1984 Sep;51(1):11-6

Early interactional change and its relationship to family therapy outcome. Seeman L, et al. **Fam Process** 1985 Mar;24(1):59-68

EEG sensorimotor rhythm biofeedback training: some effects on the neurologic precursors of learning disabilities. Tansey MA. **Int J Psychophysiol** 1984 Feb;1(2):163-77

Practical management of children with apparent learning disabilities. Schimschock JR, et al. **Neurol Clin** 1984 Feb;2(1):127-38

Treatment versus non-treatment in reduction of symbol reversals by first grade children. Heydorn BL. **Percept Mot Skills** 1984 Aug;59(1):36-8

Improving the test-taking skills of learning-disabled students. Scruggs TE, et al. **Percept Mot Skills** 1985 Jun;60(3):847-50

Use of three writing tasks at an adolescent treatment center. Sinatra R. **Percept Mot Skills** 1984 Oct;59(2):355-8

[Behavior therapy in pediatrics] Matthaei R. **Monatsschr Kinderheilkd** 1984 Nov;132(11):825-41 (Eng. Abstr.) **(Ger)**

LEASING, PROPERTY see under **FINANCIAL MANAGEMENT**

LECITHIN ACYLTRANSFERASE

ANALYSIS

Detection of lecithin: cholesterol acyltransferase (LCAT) in a human hepatoma cell line. Koren E, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):301-7

Effect of ethanol on lecithin:cholesterol acyltransferase (LCAT) activity. Mulligan JJ, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):181-202

ANTAGONISTS & INHIBITORS

Effect of propranolol on lecithin:cholesterol acyl transferase activity in vitro. Schauer UJ, et al. **Biomed Biochim Acta** 1985;44(4):603-9

Effect of talinolol and the optical isomers of propranolol on LCAT activity in vitro. Schauer I, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):608-10

BLOOD

Paradoxical esterification of plasma cholesterol in fish eye disease. Carlson LA, et al. **Acta Med Scand** 1985;217(5):491-9

Lecithin: cholesterol acyltransferase levels in plasma of patients with hepatobiliary disease. Palacios Beristáin O, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun;15(2):155-62 **(Eng, Spa)**

Response of HDL cholesterol, apoprotein A-I, and LCAT to exercise withdrawal. Thompson CE, et al. **Atherosclerosis** 1985 Jan;54(1):65-73

Reduction of lecithin-cholesterol acyltransferase, apolipoprotein D and the Lp(a) lipoprotein with the anabolic steroid stanozolol. Albers JJ, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):293-6

A rapid large-scale procedure for purification of lecithin-cholesterol acyltransferase from human and animal plasma. Chen CH, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):188-95

Stimulation of lecithin:cholesterol acyl transfer by intravenous injection of heparin. Schauer UJ, et al. **Biomed Biochim Acta** 1984;43(10):1165-72

Effects of interval and continuous running on HDL-cholesterol, apoproteins A-1 and B, and LCAT. Thomas TR, et al. **Can J Appl Sport Sci** 1985 Mar;10(1):52-9

Effects of high dose progestin on serum lipids and lipid metabolizing enzymes in patients with endometrial cancer. Lehtonen A, et al. **Horm Metab Res** 1985 Jan;17(1):32-4

Acyl chain and headgroup specificity of human plasma lecithin:cholesterol acyltransferase. Separation of matrix and molecular specificities. Pownall HJ, et al. **J Biol Chem** 1985 Feb 25;260(4):2146-52

Activation of lecithin: cholesterol acyltransferase by human apolipoprotein A-IV. Steinmetz A, et al. **J Biol Chem** 1985 Feb 25;260(4):2258-64

Effects of antihypertensive agents propranolol, metoprolol, nadolol, prazosin, and chlorthalidone on ACAT activity in rabbit and rat aortas and on LCAT activity in human plasma in vitro. Bell FP. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):437-42

Serial measurement of plasma cholesterol and lecithin:cholesterol acyl transferase activity in adults receiving total parenteral nutrition. Innis SM, et al. **JPEN** 1985 Jan-Feb;9(1):34-7

Plasma lipoproteins and lecithin:cholesterol acyltransferase distribution in patients on dialysis. McLeod R, et al. **Kidney Int** 1984 Apr;25(4):683-8

Serum cholesterol, lecithin-cholesterol acyltransferase, and hepatic hydroxymethylglutaryl coenzyme A reductase activities of lean and obese Zucker rats. Lin RC. **Metabolism** 1985 Jan;34(1):19-24

Lecithin-cholesterol acyltransferase and cholesterol transport. Fielding CJ. **Methods Enzymol** 1985;111:267-74

Impairment of lecithin:cholesterol acyltransferase (LCAT) activity in hemodialyzed subjects. I. No evidence of plasma LCAT-inhibiting factors. Sasso GF, et al. **Panminerva Med** 1984 Apr-Jun;26(2):97-100

Lecithin: cholesterol acyltransferase (LCAT) activity in long-term hemodialyzed subjects. Sasso GF, et al. **Panminerva Med** 1984 Jul-Sep;26(3):177-80

Prematurity and lecithin-cholesterol acyltransferase deficiency in newborn infants. Jain SK. **Pediatr Res** 1985 Jan;19(1):58-60

Changes in the levels of polyunsaturated fatty acids in the lung and lecithin cholesterol acyl transferase activity in plasma of monkeys exposed to ambient levels of ozone. Rao GA, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):125-9

[Plasma lecithin-cholesterol acyltransferase activity (LCAT) in late schistosomiasis and chronic liver disease] Huang MX. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):31-3, 63 (Eng. Abstr.) **(Chi)**

[Diurnal changes in lecithin: cholesterol acyltransferase (LCAT) activities and effects of oral fat load] Shiina Y, et al. **Nippon Ronen Igakkai Zasshi** 1984 Nov;21(6):573-9 (Eng. Abstr.) **(Jpn)**

[Kinetic properties of blood plasma lecithin cholesterol acyltransferase in persons with hyper-alpha-lipoproteinemia] Nikiforov AA, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):158-61 (Eng. Abstr.) **(Rus)**

[Effect of alpha-tocopherol and hyperbaric oxygenation on lipid fatty-acid composition of the plasma in hypercholesteremic rabbits] Kosukhin AB. **Vopr Med Khim** 1984 Jul-Aug;30(4):36-9 (Eng. Abstr.) **(Rus)**

[Esterifying activity of the plasma in patients with ischemic heart disease] Ozerova IN, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):118-23 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Isolation and specificity of rat lecithin: cholesterol acyltransferase: comparison with the human enzyme using reassembled high-density lipoproteins containing ether analogs of phosphatidylcholine. Pownall HJ, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):456-62

METABOLISM

Mutations of apolipoprotein AI can affect cofactor function for cholesteryl ester formation by lecithin: cholesterol acyltransferase. Steinmetz A, et al. **Agents Actions [Suppl]** 1984;16:217-24

Epidemiological correlates of high density lipoprotein subfractions, apolipoproteins A-I, A-II, and D, and lecithin cholesterol acyltransferase. Effects of smoking, alcohol, and adiposity. Haffner SM, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):169-77

Enzymology of lecithin:cholesterol acetyltransferase. Assmann G, et al. **Biochem Soc Trans** 1985 Feb;13(1):19-20

Lecithin:cholesterol acyltransferase regulation. Effect of fluidity of dimyristoylphosphatidylcholine vesicles. Ellerbe P, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):282-8

Reversible folding reactions of human apolipoprotein A-I: pressure and guanidinium chloride effects. Mantulin WW, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):215-21

Reactivity of human lipoproteins with purified lecithin: cholesterol acyltransferase during incubations in vitro. Rajaram OV, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):41-9

Alterations of lecithin-cholesterol acyltransferase activity during Plasmodium chabaudi rodent malaria. Maurois P, et al. **Biochimie** 1985 Feb;67(2):227-39

Apolipoprotein A-IGiessen (Pro143——Arg). A mutant that is defective in activating lecithin:cholesterol acyltransferase. Utermann G, et al. **Eur J Biochem** 1984 Oct 15;144(2):325-31

Kinetics of lecithin-cholesterol acyltransferase reaction with discoidal complexes of apolipoprotein A-I.phosphatidylcholine.ether phospholipid.cholesterol. Jonas A, et al. **J Biol Chem** 1985 Mar 10;260(5):2757-62

Activation of lecithin cholesterol acyltransferase by human apolipoprotein E in discoidal complexes with lipids. Zorich N, et al. **J Biol Chem** 1985 Jul 25;260(15):8831-7

Lecithin:cholesterol acyltransferase and cholesteryl ester transfer activity from the isolated perfused rabbit liver. De Parscau L, et al. **J Lipid Res** 1984 Jul;25(7):721-8

The in vitro formation of HDL2 during the action of LCAT: the role of triglyceride-rich lipoproteins. Dieplinger H, et al. **J Lipid Res** 1985 Mar;26(3):273-82

Effects of starvation and plasma exchange on lecithin: cholesterol acyltransferase activity and cholesterol efflux in cholesterol-fed pigs. Angel A, et al. **Res Exp Med (Berl)** 1984;184(4):231-42

PHYSIOLOGY

Altered metabolism of low density lipoprotein in humans after prolonged incubation in plasma. Kostner GM, et al. **Clin Sci** 1985 Apr;68(4):411-8

LECITHIN ACYLTRANSFERASE DEFICIENCY see under **HYPOLIPOPROTEINEMIA**

LECITHIN CHOLESTEROL ACYLTRANSFERASE see **LECITHIN ACYLTRANSFERASE**

LECITHINASES see **PHOSPHOLIPASES**

LECITHINS see **PHOSPHATIDYLCHOLINES**

LECTIN, CASTOR BEAN see **RICIN**

LECTIN RECEPTORS see **RECEPTORS, MITOGEN**

LECTIN, RICINUS see **RICIN**

LECTINS

Reactivity of peroxidase-labeled lectins in rabbit submandibular and sublingual glands. Menghi G. **Acta Histochem (Jena)** 1984;75(1):27-35

Stability of enzyme inhibitors and lectins in foods and the influence of specific binding interactions. Zahnley JC. **Adv Exp Med Biol** 1984;177:333-65 (136 ref.)

Lectins discriminate between pathogenic and nonpathogenic South American trypanosomes. de Miranda Santos IK, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):839-44

125I-wheat germ agglutinin blotting: increased sensitivity with polyvinylpyrrolidone quenching and periodate oxidation/reductive phenylamination. Bartles JR, et al. **Anal Biochem** 1984 Jul;140(1):284-92

Spectrophotometric determination of trace amounts of iron(III) in oxalates by extraction of the mixed-ligand iron-oxalate-purpurin complex. Capitan F, et al. **Analyst** 1985 Jul;110(7):819-21

Lectin-binding pattern in extramammary Paget's disease by horseradish peroxidase (HRP)-labeling method--specific staining with Dolichos biflorus agglutinin (DBA). Ookusa Y, et al. **Arch Dermatol Res** 1985;277(1):65-70

The B4 lectin from Vicia villosa seeds interacts with N-acetylgalactosamine residues on erythrocytes with blood group Cad specificity. Tollefsen SE, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1099-106

Interactions of soya-bean agglutinin with purified glycoconjugates and soya-bean seed components. Bond HM, et al. **Biochem J** 1985 May 15;228(1):127-36

Isolation and chemical and immunochemical characterization of the peanut-lectin-binding glycoprotein from human milk-fat-globule membranes. Fischer J, et al. **Biochem J** 1984 Dec 1;224(2):581-9

Lectin-specific targeting of beta-glucocerebrosidase to different liver cells via glycosylated liposomes. Das PK, et al. **Biochem Med** 1985 Feb;33(1):124-31

Probing the topography of lectins with site-specific spin-labeled glycosides. Goldstein IJ, et al. **Biochemistry** 1985 Feb 12;24(4):823-6

Agglutination and fusion of globoside GL-4 containing phospholipid vesicles mediated by lectins and calcium ions. Hoekstra D, et al. **Biochemistry** 1985 Jan 29;24(3):565-72

Wheat germ agglutinin dimers bind sialyloligosaccharides at four sites in solution: proton nuclear magnetic resonance temperature studies at 360 MHz. Kronis KA, et al. **Biochemistry** 1985 Feb 12;24(4):826-33

Thermodynamics of wheat germ agglutinin-sialyloligosaccharide interactions by proton nuclear magnetic resonance. Kronis KA, et al. **Biochemistry** 1985 Feb 12;24(4):834-40

Changes in biochemical characteristics and pattern of lectin binding of alveolar type II cells with time in culture. Dobbs LG, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):155-66

Lectin-membrane interactions. Information from model systems. Grant CW, et al. **Biochim Biophys Acta** 1984 Dec 4;779(4):403-22 (114 ref.)

Lectin-like molecules on the murine macrophage cell surface. Imamura T, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):235-44

Identification of structural and secretory lectin-binding glycoproteins of normal and cancerous human prostate. Lad PM, et al. **Biochim Biophys Acta** 1984 Dec 7; 791(2):186-97

Ultraviolet difference spectroscopic analysis of the saccharide-binding properties of Ricinus communis agglutinin. Yamasaki N, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):155-61

The role of carbohydrates on cell recognition. Endogenous lectins. Proceedings of an international meeting. Aussois (France), March 1984. **Biol Cell** 1984;51(2):113-294, 45a-67a

GalNAc/Gal-specific rat liver lectins: their role in cellular recognition. Kolb-Bachofen V, et al. **Biol Cell** 1984; 51(2):219-26

Uptake of neoglycoproteins via membrane lectin(s) of L1210 cells evidenced by quantitative flow cytofluorometry and drug targeting. Monsigny M, et al. **Biol Cell** 1984; 51(2):187-96

What lectins and carbohydrates are made for? Neuberger A. **Biol Cell** 1984;51(2):113-4

Estimating glycoprotein carbohydrate chain structures by lectin reactivities in polyacrylamide gels. Nicolson GL, et al. **Biol Cell** 1984;51(2):157-64

Carbohydrates as recognition determinants in phagocytosis and in lectin-mediated killing of target cells. Sharon N. **Biol Cell** 1984;51(2):239-45 (58 ref.)

Electrophoretic and lectin-binding properties of glycopeptides released from the membrane during 'in vitro' aging of human erythrocytes. Pallavicini G, et al. **Biomed Biochim Acta** 1984;43(7):955-61

Carbohydrate-binding properties of lectins: a possible approach to lectin nomenclature and classification. Review. Gallagher JT. **Biosci Rep** 1984 Aug;4(8):621-32

Lectins: a role in sarcoidosis? [letter] Mustchin CP. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):936-7

Immunohistochemical localization of a lectin-like molecule, R1, during the postnatal development of the rat cerebellum. Dontenwill M, et al. **Brain Res** 1985 Jan;349(1-2):245-52

Myelin basic protein has lectin-like properties. Ikeda K, et al. **Brain Res** 1985 Mar 11;329(1-2):105-8

Assignment of lectins specific for D-galactose or N-acetyl-D-galactosamine to two groups, based on their circular dichroism. Young NM, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):268-71

Lectin grouping of Bacillus thuringiensis serovars. DeLucca AJ 2d. **Can J Microbiol** 1984 Sep;30(9):1100-4

Lectin distinction of benign from malignant histiocytes. Ree HJ, et al. **Cancer** 1985 Oct 15;56(8):2046-50

Preliminary investigation of the structure of the carbohydrate component of Vicia graminea lectin, a plant glycoprotein. Prigent MJ, et al. **Carbohydr Res** 1984 Aug 1;131(1):83-92

Modification of blood-borne arrest properties of lymphoma cells by inhibitors of protein glycosylation suggests the existence of endogenous lectins. Schaaf-Lafontaine N, et al. **Carbohydr Res** 1985 May 15;138(2):315-23

Post-natal ontogenesis of graft-versus-host reactivity of peanut agglutinin lectin-negative thymocytes in the chicken. Torano A, et al. **Cell Immunol** 1984 Oct 15; 88(2):540-4

An influenza virus model for Trypanosoma cruzi infection: interactive roles for neuraminidase and lectin. Csete M, et al. **Curr Top Microbiol Immunol** 1985;117:153-65 (43 ref.)

Lectin histochemistry of human placenta. Lee MC, et al. **Differentiation** 1984;28(2):123-8

Reactivity of five N-acetylgalactosamine-recognizing lectins with preimplantation embryos, early postimplantation embryos, and teratocarcinoma cells of the mouse. Sato M, et al. **Differentiation** 1985;29(1):29-38

Helper function of human T cells with different affinity for Helix pomatia A hemagglutinin in a tetanus toxoid-induced B cell differentiation system. Wikén M, et al. **Eur J Immunol** 1984 Nov;14(11):1003-9

Phagocytosis of lectin-coated beads by dystrophic and normal retinal pigment epithelium. Seyfried-Williams R, et al. **Exp Cell Res** 1984 Oct;154(2):500-9

Schistosoma mansoni: visualization with fluorescent lectins of secretions and surface carbohydrates of living cercariae. Linder E. **Exp Parasitol** 1985 Jun;59(3):307-12

Differential binding of conA and WGA on the cell surface, the role of sialic acid in their expression and the increased activity of sialidase after cis-Platin treatment. Sodhi A, et al. **Experientia** 1985 Jan 15;41(1):93-5

Temperature-induced ultraviolet difference absorption spectrometry for determination of enthalpy changes. Binding of 4-methylumbelliferyl glycosides to four lectins. Loontiens FG, et al. **FEBS Lett** 1984 Oct 1;175(2):249-54

Nature of the interaction between Ricinus communis agglutinin and blood cells. Turpin E, et al. **FEBS Lett** 1984 Sep 17;175(1):82-6

Comparative study of procedures for histological detection of lectin binding by use of Griffonia simplicifolia agglutinin I and gastrointestinal mucosa of the rat. Kuhlmann WD, et al. **Histochemistry** 1984;81(3):265-72

Alterations of lectin binding during chondrogenesis of mouse limb buds. Zimmermann B, et al. **Histochemistry** 1984; 81(4):353-61

Lectin-glycolipid interaction. Barua TK, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):73-5

Effect of physical and chemical modifications on molecular and agglutinating properties of rice lectin. Indravathamma P, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):137-8

Interaction of Salmonella telaviv with Maclura pomifera lectin. Allen PZ. **Infect Immun** 1985 Jan;47(1):90-3

Factors affecting binding of galacto ligands to Actinomyces viscosus lectin. Heeb MJ, et al. **Infect Immun** 1985 Jan; 47(1):61-7

Stimulation of clover root hair infection by lectin-binding oligosaccharides from the capsular and extracellular polysaccharides of Rhizobium trifolii. Abe M, et al. **J Bacteriol** 1984 Nov;160(2):517-20

The morphology of L-fucose, D-mannose specific lectin (SFL 100-2) produced by Streptomyces No. 100-2. Matsui I, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):399-408

Genetic and biochemical analysis of mutation(s) affecting ricin internalization in Chinese hamster ovary cells. Wellner RB, et al. **J Biol Chem** 1984 Oct 25;259(20):12788-93

Interaction of Campylobacter jejuni and Campylobacter coli with lectins and blood group antibodies. Wong KH, et al. **J Clin Microbiol** 1985 Jul;22(1):134-5

Identification of glycoprotein storage diseases by lectins: a new diagnostic method. Alroy J, et al. **J Histochem Cytochem** 1984 Dec;32(12):1280-4

Effect of wheat germ agglutinin on the interleukin pathway of human T lymphocyte activation. Reed JC, et al. **J Immunol** 1985 Jan;134(1):314-23

Detection and enumeration of monocytes in human blood with peanut agglutinin. Rosenberg M, et al. **J Immunol Methods** 1985 Jul 16;81(1):7-13

Glycoproteins in cystic fibrosis: a lectin binding study. Karlsson S. et al. **J Med Genet** 1984 Dec;21(6):441-6

Structural comparison of the two distinct sugar binding sites in wheat germ agglutinin isolectin II. Wright CS. **J Mol Biol** 1984 Sep 5;178(1):91-104

Evolution of the multidomain protein wheat germ agglutinin. Wright HT, et al. **J Mol Evol** 1984-85;21(2):133-8

Glycoproteins of the chromaffin granule membrane: separation by two-dimensional electrophoresis and identification by lectin binding. Gavine FS, et al. **J Neurochem** 1984 Nov;43(5):1243-52

Uptake and anterograde axonal transport of Aleuria lectin in retinal ganglion cells of the rabbit. Ohlson C, et al. **J Neurochem** 1985 Jun;44(6):1785-90

Lectin-ferritin binding on dystrophic and normal retinal pigment epithelial membranes. McLaughlin BJ, et al. **J Neurocytol** 1984 Jun;13(3):467-80

An analysis of the transport of WGA-HRP in the cat's visual system. Shook BL, et al. **J Neurosci Methods** 1984 Jun; 11(2):65-77

Lectin-binding in premalignant lesions during submandibular gland carcinogenesis. Murase N, et al. **J Oral Pathol** 1984 Oct;13(5):505-15

Ulex europeus I--peroxidase as a marker of vascular endothelium: its application in routine histopathology. Walker RA. **J Pathol** 1985 Jun;146(2):123-7

Carcinoma-specific Ulex europaeus agglutinin-I binding glycoproteins of human colorectal carcinoma and its relation to carcinoembryonic antigen. Matsushita Y, et al. **JNCI** 1985 Aug;75(2):219-26

Use of Litchi chinesis lectins (agglutinins) in diagnostic microbiology. Uppal TB. **JPMA** 1985 Apr;35(4):110-1

Fractionation of subpopulations of mouse and human lymphocytes by peanut agglutinin or soybean agglutinin. Reisner Y, et al. **Methods Enzymol** 1984;108:168-79

Lectin binding to glycoproteins in the surface membrane of Schistosoma mansoni. MacGregor AN, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):163-72

Changes in levels of actin and tubulin mRNAs upon the lectin activation of lymphocytes. McCairns E, et al. **Mol Cell Biol** 1984 Sep;4(9):1754-60

Uptake of lectins by pulmonary alveolar type II cells: subsequent deposition into lamellar bodies. Williams MC. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6383-7

Recognition proteins, receptors, and probes: invertebrates. Proceedings of a symposium, Recognition and Receptor Display: Lectin Cell Surface Receptors and Probes. December 28, 1983, Philadelphia, Pennsylvania. **Prog Clin Biol Res** 1984;157:1-207

Studies on the structure and carbohydrate binding properties of lobster agglutinin 1 (LAg1), a sialic acid-binding lectin. Abel CA, et al. **Prog Clin Biol Res** 1984;157:103-14

Lectins of the Limulidae and hemagglutination-inhibition by sialic acid analogs and derivatives. Cohen E, et al. **Prog Clin Biol Res** 1984;157:55-69

Preliminary studies of agglutination of metastatic neuroblastoma by soy bean lectin. Elkins WL. **Prog Clin Biol Res** 1985;175:405-11

Bactericidal activity of Limulus lectins and amebocytes. Pistole TG, et al. **Prog Clin Biol Res** 1984;157:71-81

Crab lectins: receptor specificity and biomedical applications. Ravindranath MH, et al. **Prog Clin Biol Res** 1984;157:83-96

Sex-specific agglutination of human erythrocytes by body fluids from marine invertebrates and fishes: a preliminary study. Smith AC. **Prog Clin Biol Res** 1984;157:97-102

Immunobiological significance of invertebrate lectins. Vasta GR, et al. **Prog Clin Biol Res** 1984;157:177-91

Flow cytometric analysis of lectin-binding to canine blood lymphocytes. Madewell BR, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):383-92

[Quantitative measurement of lectin activities using an autoanalyser] Caron M, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):113-6 (Eng. Abstr.) **(Fre)**

[Immunoperoxidase labelling of blood vessels by 3 lectins: Ulex europaeus I. Lotus tetragonolobus, Dolichos biflorus] Roussel F. **C R Soc Biol (Paris)** 1985;179(1):59-69 (Eng. Abstr.) **(Fre)**

ANALYSIS

Lectin-like factor and co-factor in serum from cystic fibrosis heterozygotes. Lieberman J, et al. **Am J Med** 1984 Oct; 77(4):678-82

A solid-phase radio-binding assay for the characterization of lectin recognition. Lesniak AP, et al. **Anal Biochem** 1984 Oct;142(1):140-7

Lectin activity of gluten identified as wheat germ agglutinin. Kolberg J, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):867-72

Localization of soluble endogenous lectins and their ligands at specific extracellular sites. Barondes SH, et al. **Biol Cell** 1984;51(2):165-72

Lectin-binding abnormalities in the stromal and epithelial components of basal cell carcinoma. Skerrow CJ, et al. **Br J Cancer** 1985 Jul;52(1):117-22

Lectin binding to psoriatic epidermis. Bell CM, et al. **Br J Dermatol** 1985 Aug;113(2):205-12

Pattern of endogenous lectins in a human epithelial tumor. Gabius HJ, et al. **Cancer Res** 1985 Jan;45(1):253-7

Carbohydrate-binding proteins of tumor lines with different growth properties. I. Differences in their pattern for three clones of rat fibroblasts transformed with a myeloproliferative sarcoma virus. Gabius HJ, et al. **Cell Tissue Res** 1985;241(1):9-15

Identification of vascular system in experimental carcinoma for cryosurgery--histochemical observations of lectin UEA-1 and alkaline phosphatase activity in vascular endothelium. Ninomiya T, et al. **Cryobiology** 1985 Aug; 22(4):331-5

Lectins and lectin-like molecules in lower plants. I. Marine algae (review). Ingram GA. **Dev Comp Immunol** 1985 Winter;9(1):1-10

Monoclonal antibodies to endogenous galactose-specific tumor cell lectins. Raz A, et al. **EMBO J** 1984 Dec 1; 3(12):2979-83

Binding of N-dansylgalactosamine to the lectin from Erythrina cristagalli as followed by stopped-flow and pressure-jump relaxation kinetics. De Boeck H, et al. **Eur J Biochem** 1985 May 15;149(1):141-5

Physicochemical and functional characterization of the polymerization process of the Geodia cydonium lectin. Diehl-Seifert B, et al. **Eur J Biochem** 1985 Mar 15; 147(3):517-23

Detection of sugar-binding proteins in membrane-depleted nuclei. Seve AP, et al. **Exp Cell Res** 1985 Apr;157(2):533-8

Surface localization of an endogenous lectin in rabbit bone marrow. Catt JW, et al. **Histochem J** 1985 Feb;17(2):189-99

Pregnancy-related changes in the human endometrium revealed by lectin histochemistry. Lee MC, et al. **Histochemistry** 1985;82(3):275-80

Endogenous lectins of bovine pancreas. Gabius HJ, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):633-8

Circular dichroism studies on carcinoscorpin, the sialic acid binding lectin of horseshoe crab, Carcinoscorpius rotundacauda. Mohan S, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):151-4

Distribution of spectrin and lectin-binding materials in surface lamina of RPE cells. Opas M, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):621-7

Galactoside-binding serum lectin of Xenopus laevis. Estrogen-dependent hepatocyte synthesis and relationship to oocyte lectin. Roberson MM, et al. **J Biol Chem** 1985 Sep 15;260(20):11027-32

Immunohistochemical and lectin histochemical studies on the lymphoepithelial cyst of the oral cavity and neck. Iwase T, et al. **J Nihon Univ Sch Dent** 1985 Mar;27(1):28-34

Biochemical characterization of endogenous carbohydrate-binding proteins from spontaneous murine rhabdomyosarcoma, mammary adenocarcinoma, and ovarian teratoma. Gabius HJ, et al. **JNCI** 1984 Dec; 73(6):1349-57

Carbohydrate-binding protein 35: identification of the galactose-specific lectin in various tissues of mice. Crittenden SL, et al. **Mol Cell Biol** 1984 Jul;4(7):1252-9

Recognition receptors in annelids. Cooper EL, et al. **Prog Clin Biol Res** 1984;157:43-54

Distribution, specificity and macromolecular properties of tunicate plasma lectins. Vasta GR, et al. **Prog Clin Biol Res** 1984;157:125-41

Lectins from Loasaceae. Bird GW, et al. **Rev Fr Transfus Immunohematol** 1984 Oct;27(5):645-7

Lectin in cannabis [letter] Tumosa CS. **Transfusion** 1984 Sep-Oct;24(5):414

Properties of lectins from snails of the genus Helix probed by monoclonal antibodies. Schneider HA. **Z Naturforsch** [C] 1985 Mar-Apr;40(3-4):254-61

[Immunohistochemical localization of 12 lectins in normal human tissue] Zhang HZ. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):144-7 (Eng. Abstr.) **(Chi)**

[Significance of glycoproteins and lectins in gastroenterology and hepatology] Gerok W. **Z Gastroenterol [Verh]** 1985 Apr;20:90-9 **(Ger)**

[Immunological diagnosis of cutaneous lymphomas. II. Membrane receptor for Helix pomatia lectin on lymphocytes: a new immunohistological marker for T-lymphocytes and Sezary cells] Trost TH. **Z Hautkr** 1985 Jan;60(1-2):67-70 (Eng. Abstr.) (Ger)

[3-dimensional structure of lectin studied by using the ARGUS multichannel diffractometer] Riskulov RR, et al. **Dokl Akad Nauk SSSR** 1984;277(6):1494-8 **(Rus)**

BIOSYNTHESIS

Synthesis and intracellular transport of lectin and storage protein precursors in endosperm from castor bean. Lord JM. **Eur J Biochem** 1985 Jan 15;146(2):403-9

BLOOD

Effect of anti-thrombospondin antibodies on the hemagglutination activities of the endogenous platelet lectin and thrombospondin. Gartner TK, et al. **Thromb Haemost** 1984 Dec 29;52(3):354-7

DIAGNOSTIC USE

Affinity cytochemistry of vascular endothelia in brain tumors by biotinylated Ulex europaeus type I lectin (UEA I). Weber T, et al. **Acta Neuropathol (Berl)** 1985; 67(1-2):128-35

Stromal and nuclear markers for rapid identification of pituitary adenomas at biopsy. McKeever PE, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):509-14

Affinity chromatography of human serum proteins using immobilized lectin from Aliomyrina dichotoma. Umetsu K, et al. **Biochem Int** 1985 Apr;10(4):549-52

Sialic acid in mature megakaryocytes: detection by wheat germ agglutinin. Schick PK, et al. **Blood** 1985 May; 65(5):1120-6

A quantitative comparison of the efficiency of orthograde axonal transport and transsynaptic transport of iodinated (125I) wheat germ agglutinin (I-WGA) and horseradish peroxidase labeled I-WGA (I-WGA-HRP) in the rat visual system. Rhodes CH, et al. **Brain Res** 1985 Jun 17; 336(2):376-80

Radiolabelled peanut lectin for the scintigraphic detection of cancer. Holt S, et al. **Cancer Lett** 1984 Nov;25(1):55-60

Peanut agglutinin, a marker for T-cell acute lymphoblastic leukemia with a good prognosis. Veerman AJ, et al. **Cancer Res** 1985 Apr;45(4):1890-3

In vivo localization of radioiodinated peanut lectin in a murine TA3/Ha mammary carcinoma model. Shysh A, et al. **Eur J Nucl Med** 1985;10(1-2):68-74

Lectins as probes in histochemistry and immunohistochemistry: the peanut (Arachis hypogaea) lectin. Cooper HS. **Hum Pathol** 1984 Oct;15(10):904-6

Stage-specific variations in lectin binding to Leishmania donovani. Wilson ME, et al. **Infect Immun** 1984 Oct; 46(1):128-34

Radioimmunodetection of murine mammary adenocarcinoma (TA3/Ha) lung and liver metastases with radioiodinated PNA. Shysh A, et al. **Int J Cancer** 1985 Jan 15;35(1):113-9

The use of lectins to study normal differentiation and malignant transformation. Raedler A, et al. **J Cancer Res Clin Oncol** 1985;109(3):245-51

Light and electron microscopic demonstration of sialic acid residues with the lectin from Limax flavus: a cytochemical affinity technique with the use of fetuin-gold complexes. Roth J, et al. **J Histochem Cytochem** 1984 Nov; 32(11):1167-76

Lectin probes of glycoconjugates in human salivary gland neoplasms: 2. Daley TD, et al. **J Oral Pathol** 1985 Aug; 14(7):531-8

Lectin probes of glycoconjugates in human salivary glands: 1. Tolson ND, et al. **J Oral Pathol** 1985 Aug;14(7):523-30

Evaluation of monoclonal anti-A and anti-B and affinity-purified Ulex europaeus lectin I for forensic blood grouping. Gaensslen RE, et al. **Z Rechtsmed** 1984; 93(4):259-68

[Immunohistology using protein A peroxidase and Helix pomatia lectin] Steigleder GK, et al. **Dermatol Monatsschr** 1984;170(9):564-7 (Eng. Abstr.) **(Ger)**

[Undifferentiated cutaneous angiosarcoma of the head: identification by the endothelial marker Ulex europaeus agglutinin I] Bork K, et al. **Hautarzt** 1985 Jun;36(6):341-6 (Eng. Abstr.) **(Ger)**

[Comparative analysis of membrane glycoproteins of normal and chronic lymphatic leukemia B lymphocytes by lectins] de Dios I, et al. **Rev Esp Fisiol** 1985 Jun;41(2):211-6 (Eng. Abstr.) **(Spa)**

GENETICS

An allelic difference determines reciprocal patterns of expression of binding sites for Dolichos biflorus lectin in inbred strains of mice. Ponder BA, et al. **J Embryol Exp Morphol** 1985 Jun;87:229-39

IMMUNOLOGY

Lack of evidence for liver lectins functioning as IgM or IgG-Fc-receptors. Tsagurnis J, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1002-9

Recognitory bacterial surface lectins which mediate its mannose-specific adherence to eukaryotic cells. Eshdat Y, et al. **Biol Cell** 1984;51(2):259-66

Binding of bacteria in lymphocyte subpopulations: role of lectin-carbohydrate interactions. Teodorescu M. **Biol Cell** 1984;51(2):251-8

The lectin-binding protein from the pea (Pisum sativum): properties and interactions. Schurz J, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):367-73

Depletion of stromal cell elements in human marrow grafts separated by soybean agglutinin. Ebell W, et al. **Blood** 1985 May;65(5):1105-11

Mechanism of neutrophil chemiluminescence induced by wheat germ agglutinin: partial characterization of the antigens recognized by wheat germ agglutinin. Ozaki Y, et al. **Blood** 1984 Nov;64(5):1094-102

Peanut agglutinin distinguishes CALLA positive reactive bone marrow cells from leukaemic blasts [letter] Hogeman PH, et al. **Br J Haematol** 1985 Feb;59(2):392-4

Inhibition of tumor cell colony formation in culture by a monoclonal antibody to endogenous lectins. Lotan R, et al. **Cancer Res** 1985 Sep;45(9):4349-53

Identification of target proteins participating in a lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Jan;45(1):288-92

Altered lectin-mediated cytotoxicity in Chédiak-Higashi syndrome patients. Merino F, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):139-43

The interaction of Brucella cell surface components with plant agglutinins. Corbel MJ, et al. **Dev Biol Stand** 1984; 56:169-75

Analytical study of lectins in Squilla mantis L. (Crustacea stomatopoda) using monoclonal antibodies. Amirante GA, et al. **Dev Comp Immunol** 1984 Summer;8(3):721-6

Surface carbohydrate epitopes of Thy-1.1 and Thy-1.2 thymocytes are distinguished by a monoclonal antibody with a specificity common to peanut agglutinin. Graham CM, et al. **Eur J Immunol** 1984 Sep;14(9):787-93

Purification and characterization of the gonad lectin of Aplysia depilans. Gilboa-Garber N, et al. **FEBS Lett** 1985 Feb 25;181(2):267-70

Binding of lectins to goblet cell mucin in malignant and premalignant colonic epithelium in the CF-1 mouse. Boland CR, et al. **Gastroenterology** 1985 Jul;89(1):127-37

Characterization of Lotus tetragonolobus fucolectin components for differences in hemagglutinating and macrophage activating activities. Leu RW, et al. **Immunobiology** 1985 Apr;169(3):250-62

Binding characteristics of fluoresceinated Lotus tetragonolobus fucolectin to macrophage populations which are either responsive or refractory to activation by lymphokine. Leu RW, et al. **Immunobiology** 1985 Apr; 169(3):272-9

Wheat germ agglutinin decreases expression of the T8 antigen on human peripheral mononuclear cells. Boldt DH, et al. **Immunol Commun** 1984;13(6):511-22

Differential lectin agglutinability of virulent and avirulent Entamoeba histolytica strains. Prasad AK, et al. **Indian J Exp Biol** 1985 Jan;23(1):35-7

Degranulation of polymorphonuclear leukocytes is induced by multivalent cross-linking of wheat germ agglutinin binding site(s) on cell membrane. Perez HD, et al. **Inflammation** 1984 Sep;8(3):277-85

The effect of concanavalin A and wheat germ agglutinin on the ultrastructure and permeability of rat intestine. A possible model for an intestinal allergic reaction. Sjölander A, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):230-6

Separation and characterization of macrophage precursors and of interleukin 2-responding cells from nylon wool-nonadherent murine spleen cells by using Bauhinia purpurea agglutinin. Yamaguchi N, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):309-16

Adoptive transfer of experimental allergic encephalomyelitis with lectin-activated spleen cells. Takenaka A, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):255-61

The binding of peroxidase-labelled lectins to human breast epithelium. IV--The reactivity of breast carcinomas to peanut, soy bean and Dolichos biflorus agglutinins. Walker RA. **J Pathol** 1985 Mar;145(3):269-77

Role of molluscan lectins in recognition processes. Cheng TC, et al. **Prog Clin Biol Res** 1984;157:1-15

Lectin-mediated modulation of lymphocyte functions. Morrell RM. **Prog Clin Biol Res** 1984;157:149-75

Tunicate leucocyte receptors and hemolymph lectins. Wright RK, et al. **Prog Clin Biol Res** 1984;157:115-24

Morphologic changes, mucin secretion, carcinoembryonic antigen (CEA) and peanut lectin reactivity in colonic mucosa of patients at high risk for colorectal cancer. Altavilla G, et al. **Tumori** 1984 Dec 31;70(6):539-48

A new surface marker on equine peripheral blood lymphocytes. II. Characterization and separation of purified blood lymphocytes with receptors for Helix pomatia A hemagglutinin (HP). Broström H, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):47-61

A new surface marker on equine peripheral blood lymphocytes. I. Subpopulations of lymphocytes with receptors for Helix pomatia A hemagglutinin (HP). Broström H, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):35-46

[Analysis of cell membrane surface oligosaccharide chains with lectins] Matsumoto I. **Nippon Rinsho** 1985 Apr; 43(4):785-9 **(Jpn)**

ISOLATION & PURIFICATION

Characterization of the acidic lectins from winged bean seed (Psophocarpus tetragonolobus(L.)DC). Kortt AA. **Arch Biochem Biophys** 1985 Feb 1;236(2):544-54

Isolation and characterization of mannan-binding proteins from chicken liver. Oka S, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):95-105

Lectins from indigenous Australian wildflowers--detectio of lectins from Bauhinia carronii, Hardenbergia comptoniana, Ptilotis obovatus and Rhadogia crassifolia Flower RL, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):763-9

Identification and isolation of an agglutinin from uterus of rats. Chowdhury M, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1301-7

Isolation and partial characterization of an N-acetylgalactosamine-specific lectin from winter-aconite (Eranthis hyemalis) root tubers. Cammue BP, et al. **Biochem J** 1985 May 1;227(3):949-55

Isolation and characterization of three Ca2+-dependent beta-galactoside-specific lectins from snake venoms. Gartner TK, et al. **Biochem J** 1984 Nov 15;224(1):301-7

An endogenous carbohydrate-binding agglutinin of BHK cells. Purification, specificity and interaction with normal and ricin-resistant cell lines. Stojanovic D, et al. **Biol Cell** 1984;51(2):197-205

The lectin-binding protein from the pea (Pisum sativum): properties and interactions. Schurz J, et al. **Biol Chem Hoppe Seyler** 1985 Apr;366(4):367-73

Purification and characterization of four isolectins of mushroom (Agaricus bisporus). Sueyoshi S, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):213-21

Identification of lectin-like substances recognizing galactosyl residues of glycoconjugates on the plasma membrane of marrow sinus endothelium. Kataoka M, et al. **Blood** 1985 May;65(5):1163-71

Isolation and immunohistochemical localization of a lectin-like molecule from the rat cerebellum. Zanetta JP, et al. **Brain Res** 1985 Jan;349(1-2):233-43

A lectin on the hemocyte membrane of the oyster (Crassostrea virginica). Vasta GR, et al. **Cell Immunol** 1984 Oct 15;88(2):475-88

Protochordate immunity--II. Diverse hemolymph lectins in the solitary tunicate Styela clava. Wright RK, et al. **Comp Biochem Physiol [B]** 1984;79(2):269-77

Sialic acid binding lectins in the serum of American spiders of the genus Aphonopelma. Vasta GR, et al. **Dev Comp Immunol** 1984 Summer;8(3):515-22

A new type of cereal lectin from leaves of couch grass (Agropyrum repens). Cammue B, et al. **Eur J Biochem** 1985 Apr 15;148(2):315-22

The complete amino acid sequence of the major alpha subunit of the lectin from the seeds of Dioclea grandiflora (Mart). Richardson M, et al. **Eur J Biochem** 1984 Oct 1; 144(1):101-11

Isolation of a teratocarcinoma stem cell lectin implicated in intercellular adhesion. Grabel LB, et al. **FEBS Lett** 1985 Apr 22;183(2):228-31

The amino acid sequences of the alpha 1 and alpha 2 subunits of the isolectins from seeds of Lathyrus ochrus (L) DC. Richardson M, et al. **FEBS Lett** 1984 Sep 17;175(1):76-81

Induction of human gamma interferon by Sarcophaga peregrina humoral lectin. Tamura M, et al. **FEBS Lett** 1984 Oct 1;175(2):325-8

Histochemical localization of sialoglycoconjugates with a sialic acid-specific lectin from the slug Limax flavus. Schulte BA, et al. **Histochem J** 1984 Oct;16(10):1125-32

Detection of an interferon antagonist, sarcolectin, in human sarcomas and muscles. Jiang PH, et al. **Int J Cancer** 1984 Nov 15;34(5):625-32

Isolation and characterization of a lectin from the fruit of Clerodendron trichotomum. Kitagaki H, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):791-9

Isolation and characterization of a lectin from edible mushroom, Volvariella volvacea. Lin JY, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):35-40

Purification and characterization of an O-acetylsialic acid-specific lectin from a marine crab Cancer antennarius. Ravindranath MH, et al. **J Biol Chem** 1985 Jul 25; 260(15):8850-6

Purification and characterization of a fish lectin from the external mucus of ophidiidae, Genypterus blacodes. Oda Y, et al. **J Pharmacobiodyn** 1984 Sep;7(9):614-23

The hyalinosis-associated 90 kD glycoprotein of human skin has lectin-like characteristics. Maury CP, et al. **Med Biol** 1985;63(1):18-20

Acetone precipitation--an improved procedure for the isolation of soybean agglutinin. Sattsangi PD, et al. **Prep Biochem** 1984-85;14(5):471-83

Limax flavus agglutinin: properties of a sialic acid specific lectin and its biomedical application. Miller RL, et al. **Prog Clin Biol Res** 1984;157:31-41

Bactericidal activity of Limulus lectins and amebocytes. Pistole TG, et al. **Prog Clin Biol Res** 1984;157:71-81

Preliminary studies on a lectin on the surface of adipocytes. Zhu Z, et al. **Sci Sin [B]** 1985 Feb;28(2):152-9

[A new affinity sorbent for the purification of lectins and its use in the purification of wheat germ agglutinin] Lutsik MD. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):432-6 (Eng. Abstr.) **(Rus)**

[Lectins in seeds of Papilionoideae (Leguminosae) of Venezuela] Casotto M, et al. **Acta Cient Venez** 1984; 35(3-4):248-52 (Eng. Abstr.) **(Spa)**

METABOLISM

Influence of environmental (culturing) conditions on the lectin-binding capacity of Tetrahymena. Kovács P. **Acta Biol Hung** 1984;35(1):83-90

Lectin binding to human gastric adenocarcinomas and adjacent tissues. Bur M, et al. **Am J Pathol** 1985 May; 119(2):279–87

Lectin binding in membranoproliferative glomerulonephritis. Evidence for N-acetylglucosamine in dense intramembranous deposits. Nevins TE. **Am J Pathol** 1985 Feb;118(2):325–30

Perturbation of podocyte plasma membrane domains in experimental nephrosis. A lectin-binding and freeze-fracture study. Orci L, et al. **Am J Pathol** 1984 Nov; 117(2):286–97

Lectin-gold cytochemistry reveals intercalated cell heterogeneity along rat kidney collecting ducts. Brown D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C348–56

Distribution of lectin binding sites in rabbit oviduct. Menghi G, et al. **Anat Rec** 1985 Mar;211(3):279–84

Lectin staining of rat testis and epididymis: effect of cyproterone acetate and testosterone. Arya M, et al. **Andrologia** 1985 May–Jun;17(3):301–10

Distribution of lectin binding in rat testis and epididymis. Arya M, et al. **Andrologia** 1984 Nov–Dec;16(6):495–508

Comparison of the spectroscopic and saccharide binding properties of lentil and pea isolectins. Bhattacharyya L, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):820–6

Effect of pH on oligomeric equilibrium and saccharide-binding properties of peanut agglutinin. Decastel M, et al. **Arch Biochem Biophys** 1985 Aug 1; 240(2):811–9

Different populations of herpes simplex virus glycoprotein C discriminated by the carbohydrate-binding characteristics of N-acetylgalactosamine specific lectins (soybean and Helix pomatia). Brief report. Olofsson S, et al. **Arch Virol** 1985;86(1–2):121–8

Preparation and characterization of Ca2+-Zn2+-derivatives of lentil and pea lectins and comparison with the native forms. Bhattacharyya L, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):857–62

Interaction of human erythrocyte Band 3 with Ricinus communis agglutinin and other lectins. Chicken CA, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):125–34

Reactivity with lectins of the saccharide components of rhodopsin in reconstituted membranes. Orientation of the carbohydrates. Ishiguro S, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):752–66

The influence of lipid composition and lectin-glycophorin interaction on the rotational diffusion of glycophorin in vesicles, as measured by time-resolved phosphorescence depolarization. van Hoogevest P, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):1–9

Studies on platelet surface carbohydrates in normal and uraemic platelets using 125I-labelled lectins. Manso M, et al. **Blut** 1985 May;50(5):287–92

Factors affecting the binding of lectins to normal human skin. Bell CM, et al. **Br J Dermatol** 1984 Nov;111(5):517–26

Lectins [letter] **Br Med J [Clin Res]** 1985 Mar 30; 290(6473):1004

Further evidence in support of the selective uptake and anterograde transport of [125I]wheat germ agglutinin by chick retinal ganglion cells. Margolis TP, et al. **Brain Res** 1984 Dec 17;324(1):21–7

Interneuronal transfer of axonally transported proteins: studies with HRP and HRP conjugates of wheat germ agglutinin, cholera toxin and the B subunit of cholera toxin. Trojanowski JQ, et al. **Brain Res** 1984 Oct 8;311(2):366–9

Macrophage-histiocytes in Hodgkin's disease. The relation of peanut-agglutinin-binding macrophage-histiocytes to clinicopathologic presentation and course of disease. Ree HJ, et al. **Cancer** 1985 Jul 15;56(2):333–8

Differential binding of soybean agglutinin to human neuroblastoma cell lines: potential application to autologous bone marrow transplantation. Reisner Y, et al. **Cancer Res** 1985 Sep;45(9):4026–31

The effect of specific glycosidases on Ricinus communis agglutinin binding to cell surfaces of two tumor sublines. A comparative flow-cytometric study. Bohn B, et al. **Cell Biophys** 1984 Sep;6(3):171–81

Lectin histochemistry of secretory and cell-surface glycoconjugates in the ovine submandibular gland. Schulte BA, et al. **Cell Tissue Res** 1985;240(1):57–66

Incubation with neuraminidase and affinity electrophoresis with wheat-germ lectin compared for separating and quantifying alkaline phosphatase isoenzymes in plasma. Rosalki SB, et al. **Clin Chem** 1985 Jul;31(7):1198–200

Comparative studies of normal and genetically hyperplastic lens epithelia II: lectin-induced cell agglutination and 125I-lectin uptake by cells. Odeigah PG, et al. **Curr Eye Res** 1985 Mar;4(3):161–8

Lectin labeling of sprouting neurons. III. Type-specific glycoconjugates on growth cones of different origin. Pfenninger KH, et al. **Dev Biol** 1984 Nov;106(1):97–108

Tomato lectin resists digestion in the mammalian alimentary canal and binds to intestinal villi without deleterious effects. Kilpatrick DC, et al. **FEBS Lett** 1985 Jun 17;185(2):299–305

Microbial glucosidation of 1,2,4-trihydroxy-9,10-anthraquinone (purpurin). Steinerová N, et al. **Folia Microbiol (Praha)** 1984; 29(6):433–40

Lectin-binding ability of immunoglobulin E and its participation in triggering of mast cells. Zavázal V, et al. **Folia Microbiol (Praha)** 1985;30(3):237–46

Lectin binding properties of human follicular center lymphocytes and follicular (nodular) lymphomas. Strauchen JA. **Hematol Oncol** 1985 Jan–Mar;3(1):11–23

Lectin binding in human skeletal muscle: a comparison of 15 different lectins. Capaldi MJ, et al. **Histochem J** 1985 Jan;17(1):81–92

Binding of concanavalin A and wheat germ agglutinin by murine peritoneal macrophages: ultrastructural and cytophotometric studies. Warton A, et al. **Histochem J** 1984 Nov;16(11):1193–206

Wheat-germ agglutinin binding in four types of mouse peritoneal macrophage. A quantitative EM-cytochemical study. de Water R, et al. **Histochemistry** 1984;80(5):449–56

The binding of ConA and other lectins to surface glycoproteins: a comparison of a subcutaneous tumour and its liver metastases. Chan WS, et al. **Invasion Metastasis** 1985;5(4):233–44

Localization of lectin receptors on bovine photoreceptor cells using dextran-gold markers. Hicks D, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1002–13

Lectin-binding pattern of bull testis and epididymis. Arya M, et al. **J Androl** 1985 Jul–Aug;6(4):230–42

Fractionation of L-fucose-containing oligosaccharides on immobilized Aleuria aurantia lectin. Yamashita K, et al. **J Biol Chem** 1985 Apr 25;260(8):4688–93

Regional distribution and alterations of lectin binding to colorectal mucin in mucosal biopsies from controls and subjects with inflammatory bowel diseases. Jacobs LR, et al. **J Clin Invest** 1985 Jan;75(1):112–8

Anterograde axonal transport and intercellular transfer of WGA-HRP in trigeminal-innervated sensory receptors of rat incisive papilla. Chan KY, et al. **J Comp Neurol** 1985 Apr 8;234(2):201–17

Augmentation of macrophage complement receptor function in vitro. IV. The lymphokine that activates macrophage C3 receptors for phagocytosis binds to a fucose-bearing glycoprotein on the macrophage plasma membrane. Griffin FM Jr, et al. **J Exp Med** 1984 Oct 1;160(4):1206–18

Studies on the cell surface of zoospores and cysts of the fungus Phytophthora cinnamomi: nature of the surface saccharides as determined by quantitative lectin binding studies. Bacic A, et al. **J Histochem Cytochem** 1985 May; 33(5):384–8

Studies on the cell surface of zoospores and cysts of the fungus Phytophthora cinnamomi: The influence of fixation on patterns of lectin binding. Hardham AR. **J Histochem Cytochem** 1985 Feb;33(2):110–8

Localization of binding sites for concanavalin A, Ricinus communis I and Helix pomatia lectin in the Golgi apparatus of rat small intestinal absorptive cells. Pavelka M, et al. **J Histochem Cytochem** 1985 Sep;33(9):905–14

Epithelial heterogeneity in the murine thymus: fucose-specific lectins bind medullary epithelial cells. Farr AG, et al. **J Immunol** 1985 May;134(5):2971–7

Expression of 5'nucleotidase activity and wheat-germ agglutinin binding sites in mononuclear phagocytes from bone marrow cultures. de Water R, et al. **J Leukocyte Biol** 1985 Mar;37(3):263–77

Histochemical observations of lectin-binding in experimental carcinomas in mouse submandibular glands. Hosaka M, et al. **J Oral Pathol** 1984 Dec;13(6):585–94

The binding of peroxidase-labelled lectins to human breast epithelium. III--Altered fucose-binding patterns of breast carcinomas and their significance. Walker RA. **J Pathol** 1984 Oct;144(2):109–17

The binding of peroxidase-labelled lectins to human breast epithelium. II--The reactivity of breast carcinomas to wheat germ agglutinin. Walker RA. **J Pathol** 1984 Oct; 144(2):101–8

Characterization of the carbohydrates of Schistosoma japonicum adult worm, egg and cercaria by analysis of lectin binding and antibody reaction. Beisler GK, et al. **Jpn J Exp Med** 1984 Dec;54(6):263–73

Binding sites of peanut agglutinin in mammalian retina. Kawano K, et al. **Jpn J Ophthalmol** 1984;28(3):205–14

Effects of neuraminidase on lectin binding sites in photoreceptor cells of monkey retina. Uehara F, et al. **Jpn J Ophthalmol** 1985;29(1):54–62

The relationship between sialic acid content and peanut agglutinin binding on senescent and enzyme treated human erythrocytes. Skutelsky E, et al. **Mech Ageing Dev** 1985 Jun;31(1):13–23

Lectin binding: a genuine marker for transganglionic regulation of human primary sensory neurons. Fischer J, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):263–7

Anterograde axonal transport of [125I]wheat germ agglutinin by motor neurons innervating the rat lateral rectus muscle. LaVail JH. **Neurosci Lett** 1984 Sep 7;50(1–3):295–300

Morphological variability, lectin binding and Na+,K+-activated adenosine triphosphatase activity of isolated Müller (glial) cells from the rabbit retina. Reichenbach A, et al. **Neurosci Lett** 1985 Mar 22; 55(1):29–34

Binding of four lectins to normal human oral mucosa. Hietanen J, et al. **Scand J Dent Res** 1984 Oct;92(5):443–7

Lectin-binding patterns of breast carcinoma: significance on structural atypism. Ohuchi N, et al. **Tohoku J Exp Med** 1984 Aug;143(4):491–9

Lectin-binding characteristics of Brugia pahangi microfilariae. Devaney E. **Trop Med Parasitol** 1985 Mar; 36(1):25–8

Lectin-binding in normal and fibrillated articular cartilage of human patellae. Schünke M, et al. **Virchows Arch [A]** 1985;407(2):221–31

[Histochemical studies of lectin binding pattern in human skin, II. Lectin binding pattern in genital Paget's disease] Ookusa Y. **Nippon Hifuka Gakkai Zasshi** 1984 Sep; 94(10):1165–72 **(Jpn)**

[Histochemical studies of lectin binding pattern in human skin, I. Lectin binding pattern in normal human skin] Ookusa Y. **Nippon Hifuka Gakkai Zasshi** 1984 Sep; 94(10):1155–63 **(Jpn)**

[Lectin-binding sites and patterns of melanin-producing cells] Uno A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):897–905 **(Jpn)**

[Separate factors influencing the interaction of carbohydrate-containing liposomes with galactose-specific lectins] Dvorkin VM, et al. **Biokhimiia** 1984 Nov;49(11):1862–7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effect of age on Agaricus bisporus PHA-B stimulated insulin release and 45Ca2+ uptake in vitro by islets of Langerhans. Ahmad N, et al. **Acta Diabetol Lat** 1984 Oct–Dec; 21(4):349–55

Depressed lectin-dependent cell-mediated cytotoxicity against HEp-2 cells in patients with metastasizing solid tumour. Perl A, et al. **Acta Physiol Hung** 1985;65(2):149–53

Lectins modulate prostaglandin E2 production by rat peritoneal macrophages. Ohuchi K, et al. **Agents Actions** 1984 Oct;15(3–4):419–23

Complexity of lectin-mediated reactions in bacteria-induced histamine release. Jensen C, et al. **Allergy** 1984 Aug; 39(6):451–6

Inhibition of H+ secretion by lectins in turtle bladder: role of a cell type on acidification. Potter DM, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R584–94

Control of L5178y cell growth by the galactose-specific lectin from Geodia cydonium. Diehl-Seifert B, et al. **Basic Appl Histochem** 1985;29(1):7–20

Stimulation of tyrosine phosphorylation in lectin treated human lymphocytes. Fischer S, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):682–9

A sperm-agglutinating lectin from seeds of Jack fruit (Artocarpus heterophyllus). Namjuntra P, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):833–9

Lectin agglutinability of the human hematopoietic stem cell [letter] Tavassoli M, et al. **Blood** 1985 Sep;66(3):753–5

Platelet release reaction and aggregation induced by canatoxin, a convulsant protein: evidence for the involvement of the platelet lipoxygenase pathway. Carlini CR, et al. **Br J Pharmacol** 1985 Feb;84(2):551–60

Lectins [editorial] Freed DL. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):584–6

Comparison of binding proteins on the surface of murine tumor cells for two lectins active in the lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Sep;45(9):4397–400

The effects of lectins on the interaction between macrophages and bone in vitro. A morphological and functional study. Popoff SN, et al. **Cell Tissue Res** 1985;241(1):103–9

Reactivity of lectin from Xenopus laevis eggs towards tumor cells and human erythrocytes. Nitta K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2325–32

Horseshoe crab (Limulus polyphemus) lectin but not garden snail (Helix pomatia) lectin elicits insulin-like activities in vitro. Ng TB, et al. **Comp Biochem Physiol [B]** 1985; 81(2):503–4

Induction of proliferative and cytotoxic responses in resting Lyt-2+ T cells with lectin and recombinant interleukin 2. Vohr HW, et al. **Eur J Immunol** 1985 Apr;15(4):332–7

Caenorhabditis elegans: lectin-mediated modification of chemotaxis. Jeyaprakash A, et al. **Exp Parasitol** 1985 Feb; 59(1):90–7

Effect of aloe lectin on deoxyribonucleic acid synthesis in baby hamster kidney cells. Yagi A, et al. **Experientia** 1985 May 15;41(5):669–71

The platelet activation induced by wheat germ agglutinin. Higashihara M, et al. **FEBS Lett** 1985 Apr 22;183(2):433–8

Induction of TNF-like factor by murine macrophage-like cell line J774.1 on treatment with Sarcophaga lectin. Itoh A, et al. **FEBS Lett** 1984 Sep 17;175(1):59–62

Differential reactivity of alpha-fetoprotein with lectins and evaluation of its usefulness in the diagnosis of hepatocellular carcinoma. Aoyagi Y, et al. **Gann** 1984 Sep;75(9):809–15

Activation of murine macrophage-like cell line J774.1 by Sarcophaga peregrina lectin. Itoh A, et al. **Gann** 1984 Aug; 75(8):714–23

Modulation of early mRNA synthesis in lectin-induced lymphocyte activation--an association with a possible factor. Okai Y. **Immunol Lett** 1984;8(5):267–71

The preparation of interferon gamma-producing T-cell hybridomas from jacalin-stimulated T lymphocytes and the SH9 T-cell line. Crane I, et al. **Immunology** 1984 Dec; 53(4):855–9

Cellular immune response in rnu/rnu rats. I. Lectin responsiveness and IL-2 production kinetics of natural cytotoxicity and spleen-cell surface marker expression. Sfaksi A, et al. **Immunology** 1985 Aug;55(4):655–62

Effect of temperature on lectin-glycoconjugate interaction and the thermodynamic behaviour of cold agglutinin, a lectin from Vicia faba seed. Datta PK, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):174–7

Some biological properties of Synadenium grantil lectin. Premaratna A, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):91–7

Augmentation of natural cell-mediated cytotoxic reactivity of mouse lymphoid cells by aloctin A. Imanishi K, et al. **Int J Immunopharmacol** 1984;6(5):539-43

Inhibition of lectin-induced lymphocyte activation by 2-cyclohexene-1-one: analysis of DNA synthesis in individual cells by BUdR quenching of Hoechst 33258. Wedner HJ, et al. **Int J Immunopharmacol** 1985;7(1):25-30

Binding and cytotoxicity of Ricinus communis lectins to HeLa cells, Sarcoma 180 ascites tumor cells and erythrocytes. Oda T, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):377-84

A murine cytotoxic T lymphocyte cell line resistant to Vicia villosa lectin is deficient in UDP-GalNAc:beta-galactose beta 1,4-N-acetylgalactosaminyltransferase. Conzelmann A, et al. **J Biol Chem** 1984 Oct 25;259(20):12536-42

Beta-linked N-acetylgalactosamine residues present at the nonreducing termini of O-linked oligosaccharides of a cloned murine cytotoxic T lymphocyte line are absent in a Vicia villosa lectin-resistant mutant cell line. Conzelmann A, et al. **J Biol Chem** 1984 Oct 25;259(20):12528-35

Wheat germ agglutinin blocks the acrosome reaction in Strongylocentrotus purpuratus sperm by binding a 210,000-mol-wt membrane protein. Podell SB, et al. **J Cell Biol** 1984 Nov;99(5):1598-604

Interaction energies in lectin-induced erythrocyte aggregation. Sung LA, et al. **J Cell Biol** 1985 Aug; 101(2):652-9

Interaction of lectins with membrane receptors on erythrocyte surfaces. Sung LA, et al. **J Cell Biol** 1985 Aug; 101(2):646-51

Role of membrane potential in the regulation of lectin-induced calcium uptake. Gelfand EW, et al. **J Cell Physiol** 1984 Dec;121(3):533-9

The role of the glycoconjugates in the migration of anuran amphibian germ cells. Delbos M, et al. **J Embryol Exp Morphol** 1984 Aug;82:119-29

Activation of the 5-lipoxygenase pathway in E-mast cells by peanut agglutinin. Razin E. **J Immunol** 1985 Feb; 134(2):1142-5

Jacalin: an IgA-binding lectin. Roque-Barreira MC, et al. **J Immunol** 1985 Mar;134(3):1740-3

Membrane complement receptor type three (CR3) has lectin-like properties analogous to bovine conglutinin as functions as a receptor for zymosan and rabbit erythrocytes as well as a receptor for iC3b. Ross GD, et al. **J Immunol** 1985 May;134(5):3307-15

Stimulation and inhibition of human T cell subsets by wheat germ agglutinin. Taylor DS, et al. **J Immunol** 1985 Jun; 134(6):3756-61

Modulation of cytolytic T cell function by lectins. Toribio ML, et al. **J Immunol** 1985 Apr;134(4):2179-84

N-Acetyl-D-galactosamine-inhibitable adherence lectin of Entamoeba histolytica. I. Partial purification and relation to amoebic virulence in vitro. Ravdin JI, et al. **J Infect Dis** 1985 May;151(5):804-15

N-Acetyl-D-galactosamine-inhibitable adherence lectin of Entamoeba histolytica. II. Mitogenic activity for human lymphocytes. Salata RA, et al. **J Infect Dis** 1985 May; 151(5):816-22

Markedly enhanced production of gamma interferon in murine T lymphocytes treated with lentil lectin and the diterpene ester, mezerein. Taylor JL, et al. **J Interferon Res** 1984 Summer;4(3):315-27

A sialic-acid-specific lectin from Cepaea hortensis that promotes phagocytosis of a group-B, type-Ia, streptococcal strain. Holm SE, et al. **J Med Microbiol** 1985 Jun;19(3):317-23

Wheat germ agglutinin inhibits the effects of nerve growth factor on the phosphorylation of proteins in PC12h cells. Hashimoto S, et al. **J Neurochem** 1985 Sep;45(3):906-12

Mitogenic activity and in vitro fertilization inhibitory activity of Genypterus blacodes lectin. Oda Y, et al. **J Pharmacobiodyn** 1984 Nov;7(11):849-55

Partial reversion of the metastatic phenotype in a wheat germ agglutinin-resistant mutant of the murine tumor cell line MDAY-D2 selected with Bandeiraea simplicifolia seed lectin. Dennis JW. **JNCI** 1985 May;74(5):1111-20

Binding characteristics of 3H-dihydroalprenolol to beta-adrenergic receptors of rat brain: influence of lectins. Tsuchihashi H, et al. **Jpn J Pharmacol** 1985 Jun;38(2):121-5

Requirement of anionic groups for the mitogenicity of a fungal mitogen, vesiculogen. Ohno N, et al. **Microbiol Immunol** 1984;28(7):821-30

Spin labelling of sialic acid and galactose residues on lymphocyte plasma membrane: effects of lectins on oligosaccharide dynamics. Sharom FJ, et al. **Mol Immunol** 1985 May;22(5):521-30

Clonal expansion of human B73.1-positive natural killer cells or large granular lymphocytes exerting strong antibody-dependent and -independent cytotoxicity and occasionally lectin-dependent cytotoxicity. Bolhuis RL, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):61-72

Separation of human natural killer cells by temperature sensitivity and soybean agglutinin. Inoue S, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):298-305

Toxicity of an algal mucopolysaccharide for Escherichia coli and Neisseria meningitidis strains. Criado MT, et al. **Rev Esp Fisiol** 1984 Jun;40(2):227-30

Active T rosette formation of human T lymphocytes after stimulation with lectins. Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):235-42

Cell fusion and cell agglutination: enhancing effect by a combined use of lectin and polycation. Matsuya Y, et al. **Somatic Cell Mol Genet** 1985 May;11(3):247-55

Interaction of wheat germ agglutinin with human platelets: a model for studying platelet response. Rendu F, et al. **Thromb Res** 1984 Dec 1;36(5):447-56

[Binding of human chorionic gonadotropin with insufficient terminal sugar to peanut agglutinin] Utsunomiya T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr; 37(4):555-61 (Eng. Abstr.) **(Jpn)**

[Animal lectin-dependent bone marrow cell-mediated cytolysis] Nakajima Y, et al. **Yakugaku Zasshi** 1985 Feb; 105(2):194-7 (Eng. Abstr.) **(Jpn)**

[Lectin-inducible cell cytotoxicity and the production of the cytotoxic factor of natural killer cells during immobilization stress in mice] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):51-3 (Eng. Abstr.) **(Rus)**

[Spectrophotometric method of evaluating tumor cell agglutination induced by lectins] Viadro MM. **Eksp Onkol** 1984;6(1):70-2 (Eng. Abstr.) **(Rus)**

[Differential affinity of pathogenic species of microorganisms for a set of lectins detectable by the sandwich method using fluorescein isothiocyanate (FITC)] Lakhtin VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):30-3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Isolation of a putative cell adhesion mediating lectin from teratocarcinoma stem cells and its possible role in differentiation. Grabel LB. **Cell Differ** 1984 Dec; 15(2-4):121-4

TOXICITY

Increased cytotoxicity of normal rabbit serum for lectin-resistant mutants of animal cells. Jones C. **J Exp Med** 1984 Oct 1;160(4):1241-6

LECTINS, KIDNEY BEAN see **PHYTOHEMAGGLUTININS**

LECTINS, POKEWEED see **POKEWEED MITOGENS**

LEECHES

Field evaluation of three repellents against mosquitoes, black flies & land leeches. Kumar S, et al. **Indian J Med Res** 1984 Nov;80:541-5

Leeches on freshwater farmed fishes in Iraq. Khalifa KA. **J Wildl Dis** 1985 Jul;21(3):312-3

Clinical hirudology: revival of an ancient art [letter] Cole D. **NZ Med J** 1985 Jan 23;98(771):28-9

[Biological control: Helobdella triserialis lineata (Hirudinea:Glossiphonidae) against Biomphalaria straminea and Biomphalaria tenagophila (Mollusca:Planorbidae), in the laboratory] Guimarães CT, et al. **Rev Saude Publica** 1984 Dec;18(6):476-86 (Eng. Abstr.) **(Por)**

[Fatal blood loss caused by leeches] Manuilis OI. **Sud Med Ekspert** 1985 Jan-Mar;28(1):50 **(Rus)**

[Cutaneous hirudiniasis] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):53-6 (Eng. Abstr.) **(Rus)**

ANALYSIS

Quantitative effects of a neurotoxin upon serotonin levels within tissue compartments of the medicinal leech. Lent CM. **J Neurobiol** 1984 Sep;15(5):309-23

Elemental composition and water content of neuron and glial cells in the central nervous system of the North American medicinal leech (Macrobdella decora). Saubermann AJ, et al. **J Neurochem** 1985 Mar;44(3):825-34

ANATOMY & HISTOLOGY

Segmental variation in the arborization of identified neurons in the leech central nervous system. Gillon JW, et al. **J Comp Neurol** 1984 Sep 1;228(1):142-8

Developmental arborization of sensory neurons in the leech Haementeria ghilianii. II. Experimentally induced variations in the branching pattern. Kramer AP, et al. **J Neurosci** 1985 Mar;5(3):768-75

Developmental arborization of sensory neurons in the leech Haementeria ghilianii. I. Origin of natural variations in the branching pattern. Kramer AP, et al. **J Neurosci** 1985 Mar; 5(3):759-67

EMBRYOLOGY

The embryonic development of peripheral neurons in the body wall of the leech Haemopis marmorata. Stewart RR, et al. **Brain Res** 1985 Apr 15;332(1):150-7

Stepwise commitment of blast cell fates during the positional specification of the O and P cell lines in the leech embryo. Shankland M, et al. **Dev Biol** 1984 Dec;106(2):326-42

Selective loss of neurites during differentiation of cells in the leech central nervous system. Wallace BG. **J Comp Neurol** 1984 Sep 1;228(1):149-53

Pioneering and pathfinding by an identified neuron in the embryonic leech. Kuwada JY. **J Embryol Exp Morphol** 1985 Apr;86:155-67

Developmental neural kinship groups in the leech. Kramer AP, et al. **J Neurosci** 1985 Feb;5(2):388-407

ENZYMOLOGY

Antithrombin, antitrypsin and antichymotrypsin activities of the salivary gland secretion and intestinal chyme o medicinal leeches. Antichymotrypsin activity of partially purified preparations of hirudin and pseudohirudin. Baskova IP, et al. **Folia Haematol (Leipz)** 1984;111(6):831-7

[Destabilase: an enzyme of medicinal leech salivary gland secretion hydrolyzes the isopeptide bonds in stabilized fibrin.] Baskova IP, et al. **Biokhimiia** 1985 Mar;50(3):424-31 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Parasitism by Placobdella multilineata (Hirudinoidea: Glossiphoniidae) and its first record from Asia. Yang T, et al. **J Parasitol** 1985 Feb;71(1):86-8

[Hirudinea fauna of the lower segment of the river Biebrza and its old beds] Hajduk D, et al. **Wiad Parazytol** 1984; 30(2):241-8 (Eng. Abstr.) **(Pol)**

[Hirudinea fauna of clay pits in Stanowice near Swiebodzice (Lower Silesia)] Hajduk D, et al. **Wiad Parazytol** 1984; 30(2):249-56 (Eng. Abstr.) **(Pol)**

METABOLISM

Alkaline phosphatase in Hirudo medicinalis L.: partial purification and study of certain molecular and catalytic properties. Talesa V, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):47-53

Evidence for proctolin-like substances in the central nervous system of the leech Hirudo medicinalis. Li C, et al. **J Comp Neurol** 1985 Feb 15;232(3):414-24

FMRF-amide-like substances in the leech. II. Bioactivity on the heartbeat system. Kuhlman JR, et al. **J Neurosci** 1985 Sep;5(9):2310-7

FMRF-amide-like substances in the leech. I. Immunocytochemical localization. Kuhlman JR, et al. **J Neurosci** 1985 Sep;5(9):2301-9

MICROBIOLOGY

An unusual source of hospital wound infection. Dickson WA, et al. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1727-8

PARASITOLOGY

In vitro cultivation of Trypanoplasma strains isolated from pike and leech (preliminary report). Hajdu E, et al. **Acta Vet Hung** 1984;32(1-2):79-81

Simultaneous transmission of a piscine piroplasm and trypanosome by a marine leech. Khan RA. **J Wildl Dis** 1984 Oct;20(4):339-41

[Development of the trypanosomes (Trypanosoma) and cryptobians (Cryptobia) of carp and tench in the leech Piscicola geometra] Khaĭbulaev KKh, et al. **Parazitologiia** 1985 Jan-Feb;19(1):75-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Serotonergic modulation of the feeding behavior of the medicinal leech. Lent CM. **Brain Res Bull** 1985 Jun; 14(6):643-55

Sensitivity of the resting sodium conductivity of leech Retzius nerve cells to tetrodotoxin. Beleslin BB. **Comp Biochem Physiol [C]** 1985;81(2):323-8

Ultrastructural localization of [3H]dopamine in neurons of leech (Haemopis sanguisuga) abdominal ganglia. Kai-Kai MA. **Comp Biochem Physiol [C]** 1984;78(2):363-7

Action potential prolongation: an effect of physostigmine (eserine) upon Retzius cells in the leech C.N.S. King WM, et al. **Comp Biochem Physiol [C]** 1984;79(1):71-6

Calcium-dependent action potentials in leech giant salivary cells. Marshall CG, et al. **J Exp Biol** 1984 Nov;113:367-80

Photoreceptors and visual interneurons in the medicinal leech. Peterson EL. **J Neurobiol** 1984 Nov;15(6):413-28

Regeneration of axons and synaptic connections by touch sensory neurons in the leech central nervous system. Macagno ER, et al. **J Neurosci** 1985 Sep;5(9):2510-21

The application of irritant chemicals selectively to the skin of the leech ganglion/body wall preparation. Weston KM, et al. **J Pharmacol Methods** 1984 Dec;12(4):285-97

A dual mechanism for intracellular pH regulation by leech neurones. Schlue WR, et al. **J Physiol (Lond)** 1985 Jul; 364:327-38

[Predatory activity of Helobdella triserialis lineata (Hirudinea: Glossiphonidae) on immature forms of Aedes fluviatilis and Culex quinquefasciatus (Diptera: Culicidae) in the laboratory] Consoli RA, et al. **Rev Saude Publica** 1984 Oct;18(5):359-66 (Eng. Abstr.) **(Por)**

LEG

The Klippel-Trenaunay syndrome with acro-angiodermatitis (pseudo-Kaposi's sarcoma). Kofoed ML, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):75-7

The soleus syndrome. A cause of medial tibial stress (shin splints). Michael RH, et al. **Am J Sports Med** 1985 Mar-Apr;13(2):87-94

Anomalous muscle in the leg: soleus accessorium. Percy EC, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):447-50

Value of therapeutic hyperthermic limb perfusion in advanced recurrent melanoma of the lower extremity. Storm FK, et al. **Am J Surg** 1985 Jul;150(1):32-5

Malignant fibrous histiocytoma arising from chronic ulcer. Routh A, et al. **Arch Dermatol** 1985 Apr;121(4):529-31

Recurrent leg symptoms following deep vein thrombosis. A diagnostic challenge. Leclerc JR, et al. **Arch Intern Med** 1985 Oct;145(10):1867–9

Electromyographic kinesiology of lower extremity muscles during slope walking. Tokuhiro A, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):610–3

Stubby prostheses: an alternative to conventional prosthetic devices. Wainapel SF, et al. **Arch Phys Med Rehabil** 1985 Apr;66(4):264–6

Neutrophil delivery to wounds of the upper and lower extremities. Lineaweaver W, et al. **Arch Surg** 1985 Apr;120(4):430–1

Malignant fibrous histiocytoma. Gawkrodger DJ, et al. **Clin Exp Dermatol** 1984 Sep;9(5):497–501

Ventilatory effects of biceps vibration during leg exercise in healthy humans. Jammes Y, et al. **Clin Physiol** 1984 Oct;4(5):379–91

Angular and axial deformities of the legs of children. McDonough MW. **Clin Podiatry** 1984 Dec;1(3):601–20

Paratertiary butylphenol formaldehyde resin in prosthesis. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):174

Nutritional polyneuropathy and its manifestations in the lower extremity. D'Orazio L, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):28–30 (8 ref.)

Effects of structure and strain measurement technique on the material properties of young human tendons and fascia. Butler DL, et al. **J Biomech** 1984;17(8):579–96

Bone-mineral content in the lower limb. Relationship to cross-sectional geometry. Ruff CB, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1024–31

In defence of gait analysis. Observation and measurement in gait assessment. Saleh M, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):237–41

Hypokalaemia presenting with leg pain in Bartter's syndrome [letter] Bold AM, et al. **Lancet** 1984 Oct 27;2(8409):989

Modified crossed leg raising test and sciatica. Swann KW, et al. **Neurosurgery** 1984 Aug;15(2):175–7

Contribution of pelvic and lower limb motion to increases in the angle of passive straight leg raising. Bohannon R, et al. **Phys Ther** 1985 Apr;65(4):474–6

Reliability of observational kinematic gait analysis. Krebs DE, et al. **Phys Ther** 1985 Jul;65(7):1027–33

Orthotic design from the New England Regional Spinal Cord Injury Center. Suggestion from the field. Lobley S, et al. **Phys Ther** 1985 Apr;65(4):492–3

Ultrasonic protocols for separately measuring subcutaneous fat and skeletal muscle thickness in the calf area. Weiss LW, et al. **Phys Ther** 1985 Apr;65(4):477–81

Evaluation of the patient with leg edema. Ruschhaupt WF, et al. **Postgrad Med** 1985 Aug;78(2):132–9

The swollen leg: ultrasonographic demonstration of non-thrombotic causes. Bell JM, et al. **Postgrad Med J** 1985 Jan;61(711):23–7

Amyloidotic polyneuropathy in a Jewish family. Evidence for the genetic heterogeneity of the lower limb familial amyloidotic neuropathies. Gafni J, et al. **Q J Med** 1985 Apr;55(216):33–44

Limb-salvage procedure in two patients with spindle cell carcinoma of the lower extremities using isolation perfusion. Vaglini M, et al. **Tumori** 1985 Jun 30;71(3):271–5

[Distribution of motor endplates in the leg muscles of domestic fowl (Gallus domesticus)] Kubišova I. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):515–25 (Eng. Abstr.) **(Cze)**

[The swollen leg. Lymphedema] **Phlebologie** 1985 Jan-Mar;38(1):91–122 (Eng. Abstr.) **(Fre)**

[The swollen leg. Edemas of venous origin] **Phlebologie** 1985 Jan-Mar;38(1):123–80 (Eng. Abstr.) **(Fre)**

[Franco-British colloquium on phlebology. Chichester, 26–28 April 1984] **Phlebologie** 1985 Jan-Mar;38(1):1–231 (Eng. Abstr.) **(Fre)**

[Misleading pains in the lower limbs of rheumatologic origin] Drevet JG, et al. **Phlebologie** 1985 Apr-Jun;38(2):255–63 (Eng. Abstr.) **(Fre)**

[Static disorders or venous pathology of the foot?] Miolane A. **Phlebologie** 1985 Apr-Jun;38(2):249–53 (Eng. Abstr.) **(Fre)**

[Painful legs and unstable toes] Leger JM, et al. **Rev Neurol (Paris)** 1985;141(4):296–304 (Eng. Abstr.) **(Fre)**

[Therapy effect of intrathecal, nerve stem and pain pressure point electroacupuncture in severe refractory back and leg pains] Liu XM, et al. **Acta Acad Med Wuhan** 1984;4(4):248–51 (Eng. Abstr.) **(Ger)**

[Regional hyperthermic cytostatic perfusion as an alternative in the treatment of malignant soft tissue tumors of the extremities] Ghussen F, et al. **Chirurg** 1984 Aug;55(8):505–7 (Eng. Abstr.) **(Ger)**

[Hyperthermic isolation perfusion of the extremities in malignant melanomas and soft tissue sarcomas] Tonak J, et al. **Chirurg** 1984 Aug;55(8):499–504 **(Ger)**

[Computed tomography and nuclear spin tomography in peripheral lymphedema] Gregl A, et al. **ROFO** 1985 Aug;143(2):219–26 (Eng. Abstr.) **(Ger)**

[Radiation dose to the lung following endolymphatic radionuclide therapy of melanoma of the lower limbs] Müller RP, et al. **Strahlentherapie** 1985 Jan;161(1):23–9 (Eng. Abstr.) **(Ger)**

[New aspects in the diagnosis of venous and lymphatic diseases of the legs] Lindemayr W, et al. **Z Hautkr** 1984 Aug 1;59(15):1013–23 (Eng. Abstr.) **(Ger)**

[Soft tissue clear cell sarcoma. Morphology, differential diagnosis and tumor classification] Katenkamp D, et al. **Zentralbl Allg Pathol** 1984;129(6):521–31 (Eng. Abstr.) **(Ger)**

[Japanese anatomical terminology (nomina anatomica japonica) from the educational view point (1)—sune and nezumi] Hojo T. **Sangyo Ika Daigaku Zasshi** 1984 Dec 1;6(4):433–6 (Eng. Abstr.) **(Jpn)**

[Multicollector lymphography and phlebography in lower limb edema following radiation and combination therapy] Tsyb AF, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):41–5 (Eng. Abstr.) **(Rus)**

[Linear dermatitis of the calves. I. Clinical, epidemiologic and histopathological aspects] Conti-Diaz IA, et al. **Med Cutan Iber Lat Am** 1984;12(3):251–7 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Biomechanical evaluation of the child. Valmassy RL. **Clin Podiatry** 1984 Dec;1(3):563–79

Four cases of trisomy 18 syndrome with limb reduction malformations. Christianson AL, et al. **J Med Genet** 1984 Aug;21(4):293–7

[Segmental hypertrophy. Presentation of a case] Mignone F, et al. **Minerva Pediatr** 1985 Feb 15;37(3):121–5 (Eng. Abstr.) **(Ita)**

ANATOMY & HISTOLOGY

Tourniquet pressure: the effect of limb circumference and systolic blood pressure. Van Roekel HE, et al. **J Hand Surg [Br]** 1985 Jun;10(2):142–4

In vivo nuclear magnetic resonance chemical shift imaging by selective irradiation. Bottomley PA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6856–60

Re: Accessory muscles of the lower part of the calf [letter] Le Minor JM. **Radiology** 1985 Jul;156(1):250

BLOOD SUPPLY

Percutaneous transluminal angioplasty of arteriosclerotic lesions in the pelvis and lower extremities. Bergqvist D, et al. **Acta Chir Scand** 1984;150(6):445–9

Acute nontraumatic extremity ischaemia in Sweden. A one-year survey. Dryjski M, et al. **Acta Chir Scand** 1985;151(4):333–9

Erythrocyte deformability in patients with arteriosclerosis obliterans of lower limbs. Lukjan H, et al. **Acta Med Pol** 1983;24(1–4):55–63

Leg muscle circulation by 133Xenon clearance as a predictor of cardiovascular disease in an aged population. Agner E. **Acta Med Scand** 1984;216(1):47–52

Therapeutic effect of ticlopidine for ischemic leg ulcers. Katsumura T. **Agents Actions [Suppl]** 1984;15:167–72

Rationale for the use of drugs inhibiting platelet function in claudicating patients with atherosclerotic leg arteries. Verstraete M. **Agents Actions [Suppl]** 1984;15:173–87 (39 ref.)

Persistent sciatic artery: clinical, embryologic, and angiographic features. Mandell VS, et al. **AJR** 1985 Feb;144(2):245–9

Upper- vs lower-limb systolic blood pressure in full-term normal newborns. Piazza SF, et al. **Am J Dis Child** 1985 Aug;139(8):797–9

In situ saphenous vein bypass grafts for limb salvage. A current fad or a viable alternative to reversed vein bypass grafts? Bush HL Jr, et al. **Am J Surg** 1985 Apr;149(4):477–80

Chemical lumbar sympathectomy for ischemic rest pain. A randomized, prospective controlled clinical trial. Cross FW, et al. **Am J Surg** 1985 Sep;150(3):341–5

Bypass or amputation? Concomitant review of bypass arterial grafting and major amputations. Gregg RO. **Am J Surg** 1985 Mar;149(3):397–402

Surgical implications of fibrinolytic therapy. Hurley JJ, et al. **Am J Surg** 1984 Dec;148(6):830–5

Hemodynamics of an anastomotic arteriovenous fistula. McGovern PJ Jr, et al. **Am J Surg** 1985 Mar;149(3):368–70

The preoperative angiogram as a predictor of peripheral vascular runoff. Menzoian JO, et al. **Am J Surg** 1985 Sep;150(3):346–52

Vein valve transplantation. Taheri SA, et al. **Am J Surg** 1985 Aug;150(2):201–2

Continuous ambulatory venous pressure for diagnosis of venous insufficiency. Preliminary report. Taheri SA, et al. **Am J Surg** 1985 Aug;150(2):203–6

Extensive revascularization in patients with 'nonreconstructible' vascular disease. Brown OW, et al. **Am Surg** 1985 Feb;51(2):80–3

Incidence of positive inguinal lymph node cultures during peripheral revascularization. Bunt TJ, et al. **Am Surg** 1984 Oct;50(10):522–3

The role of contrast arteriography in suspected arterial injuries of the extremities. Geuder JW, et al. **Am Surg** 1985 Feb;51(2):89–93

Second leg ischemia. Lower extremity bypass versus amputation in patients with contralateral lower extremity amputation. Powell TW, et al. **Am Surg** 1984 Nov;50(11):577–80

Sequential in-situ saphenous vein bypass. Early results and technique. Rhodes GR, et al. **Am Surg** 1985 Feb;51(2):70–6

Blood flow, sympathetic activity and pain relief following lumbar sympathetic blockade or surgical sympathectomy. Walsh JA, et al. **Anaesth Intensive Care** 1985 Feb;13(1):18–24

Hemodynamic effects of intravenous PGE1 on patients with arterial occlusive disease of the leg. Hirai M, et al. **Angiology** 1985 Jul;36(7):407–13

Leg blood flow in intermittent claudication—a comparison between non insulin dependent diabetics and non diabetics. Janzon L, et al. **Angiology** 1984 Nov;35(11):724–8

Mortality and morbidity in patients with intermittent claudication in relation to the location of the occlusive atherosclerosis in the leg. Jonason T, et al. **Angiology** 1985 May;36(5):310–4

Embolization of a sciatic artery aneurysm: an alternative to surgery: a case report. Loh FK. **Angiology** 1985 Jul;36(7):472–6

A study of the semeiological reliability of dorsalis pedis artery and posterior tibial artery in the diagnosis of lower limb arterial occlusive disease. Nuzzaci G, et al. **Angiology** 1984 Dec;35(12):767–72

Lower extremity ischemia associated with use of military antishock trousers. Frampton MW. **Ann Emerg Med** 1984 Dec;13(12):1155–7

Cellulitis at vein-donor sites [letter] Paranka MS, et al. **Ann Intern Med** 1984 Dec;101(6):881

Recent experience with arterial embolism of the limbs in a vascular unit. Galbraith K, et al. **Ann R Coll Surg Engl** 1985 Jan;67(1):30–3

Measurement of limb blood flow by electrical impedance plethysmography. Porter JM, et al. **Ann R Coll Surg Engl** 1985 May;67(3):169–72

Five year experience using PTFE vascular grafts for lower limb ischaemia. Williams MR, et al. **Ann R Coll Surg Engl** 1985 May;67(3):152–5

Epidural electrical stimulation in severe limb ischemia. Pain relief, increased blood flow, and a possible limb-saving effect. Augustinsson LE, et al. **Ann Surg** 1985 Jul;202(1):104–10

Venous thrombogenesis. Thomas DP. **Annu Rev Med** 1985;36:39–50 (60 ref.)

Treatment of arterial occlusive disease of the lower extremities. Whittemore AD, et al. **Annu Rev Med** 1985;36:505–14 (44 ref.)

In situ distal saphenous vein bypass using the intraluminal valve-disruption technique. Acher CW, et al. **Arch Surg** 1985 Aug;120(8):933–6

Polytetrafluoroethylene grafts for leg ischemia: facts and fiction [letter] Del Campo C. **Arch Surg** 1985 Sep;120(9):1088–9

Endarterectomized superficial femoral artery as an arterial patch. Rollins DL, et al. **Arch Surg** 1985 Mar;120(3):367–9

Arterial thromboembolism. A 20-year perspective. Tawes RL Jr, et al. **Arch Surg** 1985 May;120(5):595–9

The effect of hyperbaric oxygen on peripheral arterial circulation. Gošović S, et al. **Arh Hig Rada Toksikol** 1983 Dec;34(4):319–27

Lower limb amputation and small bowel infarction following parentaral diconal abuse. Taggart DP, et al. **Br J Addict** 1985 Mar;80(1):101

Clinical assay of ceftazidime levels in tissues of the relatively ischaemic limb. Smith RM, et al. **Br J Clin Pract** 1985 Mar;39(3):94–7

Sclerotherapy for venous flare. Green AR, et al. **Br J Plast Surg** 1985 Apr;38(2):241–2

Are distal vascular procedures worthwhile? [editorial] Bell PR. **Br J Surg** 1985 May;72(5):335

Vascular spasm and gangrene during heparin-dihydro-ergotamine prophylaxis. Cunningham M, et al. **Br J Surg** 1984 Nov;71(11):829–31

Circumferential skin blood flow measurements in the ischaemic limb. McCollum PT, et al. **Br J Surg** 1985 Apr;72(4):310–2

Transluminal angioplasty: results in high-risk patients with advanced peripheral vascular disease. Jones BA, et al. **Can J Surg** 1985 Mar;28(2):150–2

Percutaneous transluminal angioplasty of the arteries of the lower limbs: a 5 year follow-up. Gallino A, et al. **Circulation** 1984 Oct;70(4):619–23

Inferior vena caval obstruction secondary to retroperitoneal fibrosis causing abnormal venous return of left lower limb to portal circulation. Case report and literature review. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Nov;9(11):635–7 (12 ref.)

Tc-^{99m} red blood cell venography in deep venous thrombosis of the lower limb. An overview. Lisbona R, et al. **Clin Nucl Med** 1985 Mar;10(3):208–24

Purpura fulminans. Medical, surgical, and rehabilitative considerations. Silbart S, et al. **Clin Orthop** 1985 Mar;(193):206–13

Chronic effects of labetalol, pindolol, and propranolol on calf blood flow in intermittent claudication. Lepäntalo M. **Clin Pharmacol Ther** 1985 Jan;37(1):7–12

Experimental evaluation of arterial steal in in vitro models of femoro-tibial bypass with adjuvant arteriovenous shunt. Campbell H, et al. **Clin Phys Physiol Meas** 1984 Nov;5(4):253–62

The effect of the transcutaneous electrode on the variability of dermal oxygen tension changes. Spence VA, et al. **Clin Phys Physiol Meas** 1985 May;6(2):139–45

Evaluation of the ischemic limb by pressure and flow measurements of the skin microcirculation as determined by laser Doppler velocimetry. Pabst TS 3d, et al. **Curr Surg** 1985 Jan-Feb;42(1):29–31

Effects of increased tissue pressure on regional blood flow in the lower limb of man. Nielsen HV. **Dan Med Bull** 1984

Dec;31(6):425-38 (73 ref.)

Vascular disease and vascular function in the lower limb in diabetes. Faris I, et al. **Diabetes Res** 1984 Nov;1(4):171-7

Measurement of regional lower limb blood flow in normal humans by inhalation of 133Xe. Adiseshiah M, et al. **Eur J Nucl Med** 1984;9(8):379-81

Effect of therapy on 24-h subcutaneous blood flow in the leg in patients with severe ischemia. Bjerre-Jepsen K, et al. **Eur J Nucl Med** 1984;9(9):413-5

The effect of HR (O-Beta-Hydroxyethylo-Rutoside, Venoruton) on the deformability of erythrocytes in patients with arteriosclerosis obliterans of lower limbs. Lukjan H, et al. **Folia Haematol (Leipz)** 1985;112(1):191-6

Transluminal recanalization in occlusive disease of the leg arteries. Dotter CT, et al. **GP** 1968 Jan;37(1):98-106

Limb salvage surgery for severe leg ischemia. Siderys H, et al. **Indiana Med** 1985 Jul;78(7):590-1

Effects of calcitonin on limb blood vessels in human obstructive arterial disease. Franchi F, et al. **Int J Clin Pharmacol Res** 1983;3(2):115-28

Effect of hand-arm exercise on venous blood constituents during leg exercise. Wong N, et al. **Int J Sports Med** 1985 Apr;6(2):86-9

Iohexol in phlebography of the leg. A comparative investigation with meglumine metrizoate. Gjølberg T, et al. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S103-7

Femoro-distal bypass for impending limb failure. Colgan MP, et al. **Ir Med J** 1985 Mar;78(3):78-80

Neurogenic claudication (spinal stenosis). Stephens MM, et al. **Ir Med J** 1984 Aug;77(8):235-8

Salvage of ischemic lower limb by subcutaneous femorofemoral crossover graft. Mashiah A, et al. **Isr J Med Sci** 1984 Nov;20(11):1090-3

Effect of the renin-angiotensin system on limb circulation and metabolism during exercise in patients with heart failure. Wilson JR, et al. **J Am Coll Cardiol** 1985 Sep;6(3):556-63

Breathing affects venous return from legs in humans. Willeput R, et al. **J Appl Physiol** 1984 Oct;57(4):971-6

Optimizing tourniquet application and release times in extremity surgery. A biochemical and ultrastructural study. Sapega AA, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):303-14

Chemical lumbar sympathectomy [editorial] Duncan JA. **J Bone Joint Surg [Br]** 1985 Mar;67(2):174-5

Albumin kinetics and oedema following reconstructive arterial surgery of the lower limb. Campbell H, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):110-5

Five year experience with axillopopliteal bypasses for limb salvage. Gupta SK, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):321-4

Peripheral arterial trauma in children. A fifteen year review. Leblanc J, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):325-31

Arterio-venous fistula in the lower limb in consequence of Fogarty balloon catheter embolectomy. Case report and review of the literature. Shifrin EG, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):310-3

Failure of arteriovenous fistulas at distal tibial bypass anastomotic sites. Snyder SO Jr, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):137-42

Screening for the potential pulmonary embolism victim. Van de Water JM, et al. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):124-30

Diagnosis and management of failing lower extremity arterial reconstructions prior to graft occlusion. Veith FJ, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):381-4

Influence of intravascular activity on the determination of blood flow and oxygen extraction in normal and ulcerated legs using the 15O steady-state technique and positron emission tomography. Spinks TJ, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):342-51

Malleability of the system in overcoming limitations: functional elements. Saltin B. **J Exp Biol** 1985 Mar;115:345-54

Flow velocity patterns of the lower limb arteries investigated by a pulsed Doppler ultrasound flowmeter. A study in healthy control subjects. Jørgensen JJ, et al. **J Oslo City Hosp** 1984 Nov-Dec;34(11-12):109-14

Peripheral embolic phenomena from proximal arterial disease. McLean NR, et al. **J R Coll Surg Edinb** 1984 Jul;29(4):205-9

Use of wick catheter compartment measurements in the vascular trauma patient. Russell WL, et al. **J Tenn Med Assoc** 1985 May;78(5):287-8

The mass balance method for estimating transcapillary protein transport in an extremity. Friedman JJ, et al. **J Trauma** 1985 Mar;25(3):220-3

Open tibial fractures with associated vascular injuries: prognosis for limb salvage. Lange RH, et al. **J Trauma** 1985 Mar;25(3):203-8

The management of venous injuries in blunt extremity trauma. Ross SE, et al. **J Trauma** 1985 Feb;25(2):150-3

Components of outflow resistance and their correlation with graft patency in lower extremity arterial reconstructions. Ascer E, et al. **J Vasc Surg** 1984 Nov;1(6):817-28

Differential management of acute peripheral arterial ischemia. Dale WA. **J Vasc Surg** 1984 Mar;1(2):269-78

Medial approach to the anterior tibial artery. Dardik H, et al. **J Vasc Surg** 1985 Sep;2(5):743-6

Technical aspects of umbilical bypass to the tibial vessels. Dardik H. **J Vasc Surg** 1984 Nov;1(6):916-20

Martorell's hypertensive ischemic leg ulcers are secondary to an increase in the local vascular resistance. Duncan HJ, et al. **J Vasc Surg** 1985 Jul;2(4):581-4

Composite sequential grafts in severe ischemia: a comparative study. Flinn WR, et al. **J Vasc Surg** 1984 May;1(3):449-54

Oxygen inhalation--induced transcutaneous PO2 changes as a predictor of amputation level. Harward TR, et al. **J Vasc Surg** 1985 Jan;2(1):220-7

Results of revascularization and amputation in severe lower extremity ischemia: a five-year clinical experience. Hobson RW 2d, et al. **J Vasc Surg** 1985 Jan;2(1):174-85

A desktop computer to visualize the intraluminal velocity profile and its clinical application. Inokuchi K, et al. **J Vasc Surg** 1984 Nov;1(6):787-94

Peroneal artery bypass: a reappraisal of its value in limb salvage. Karmody AM, et al. **J Vasc Surg** 1984 Nov;1(6):809-16

Assessment of peripheral vascular disease by postocclusive transcutaneous oxygen recovery time. Kram HB, et al. **J Vasc Surg** 1984 Sep;1(5):628-34

A new method for the prediction of peripheral vascular resistance from the preoperative angiogram. LaMorte WW, et al. **J Vasc Surg** 1985 Sep;2(5):703-8

In situ saphenous vein arterial bypass to the tibial arteries. Leather RP. **J Vasc Surg** 1984 Nov;1(6):912-3

Lessons learned in adopting the in situ saphenous vein bypass. Levine AW, et al. **J Vasc Surg** 1985 Jan;2(1):145-53

Femoral-tibial bypass. Introductory remarks. Mannick JA. **J Vasc Surg** 1984 Nov;1(6):910-1

Reproducibility of noninvasive tests of peripheral occlusive arterial disease. Osmundson PJ, et al. **J Vasc Surg** 1985 Sep;2(5):678-83

Lower limb ischemia in young adults: prognostic implications. Pairolero PC, et al. **J Vasc Surg** 1984 May;1(3):459-64

Cellular changes with graded limb ischemia and reperfusion. Perry MO, et al. **J Vasc Surg** 1984 Jul;1(4):536-40

Intraoperative fibrinolytic therapy: an adjunct to catheter thromboembolectomy. Quinones-Baldrich WJ, et al. **J Vasc Surg** 1985 Mar;2(2):319-26

Isolated profundaplasty for limb salvage. Rollins DL, et al. **J Vasc Surg** 1985 Jul;2(4):585-90

The efficacy of dextran 40 in preventing early postoperative thrombosis following difficult lower extremity bypass. Rutherford RB, et al. **J Vasc Surg** 1984 Nov;1(6):765-73

Efficacy of prostaglandin E1 in the treatment of lower extremity ischemic ulcers secondary to peripheral vascular occlusive disease. Results of a prospective randomized, double-blind, multicenter clinical trial. Schuler JJ, et al. **J Vasc Surg** 1984 Jan;1(1):160-70

Real-time B-mode venous ultrasound. Sullivan ED, et al. **J Vasc Surg** 1984 May;1(3):465-71

The efficacy of dextran 40 in preventing early postoperative thrombosis following difficult lower extremity bypass [letter] Van den Brande PM, et al. **J Vasc Surg** 1985 Jul;2(4):643-4

Gore-Tex autogenous vein composite grafts for tibial reconstruction. Wheeler JR, et al. **J Vasc Surg** 1984 Nov;1(6):914-5

Influence of body posture on maximum calf blood flow in reactive hyperemia. Saito M, et al. **Jpn J Physiol** 1984;34(4):769-73

Diagnosis of peripheral vascular disease [editorial] **Lancet** 1985 Jul 6;2(8445):22-3

Use of stable prostacyclin analogue ZK 36 374 to treat severe lower limb ischaemia [letter] Chiesa R, et al. **Lancet** 1985 Jul 13;2(8446):95-6

Validity of the transfer function model of the human arterial system of the lower limb in man. Law YF, et al. **Med Biol Eng Comput** 1984 Nov;22(6):537-42

Contribution of different sized vessels in the extremities to the arterial pulse waveform as recorded by electrical impedance and volume plethysmography. Shankar TM, et al. **Med Biol Eng Comput** 1985 Mar;23(2):155-64

Indications for functional examination in patients with peripheral arteriopathy [letter] De Vries AC, et al. **Neth J Surg** 1984 Dec;36(6):174-5

The use of autologous graft and human umbilical vein graft in femorocrural bypasses--a preliminary report. Rondhuis JJ, et al. **Neth J Surg** 1985 Apr;37(2):50-3

Uptake of 99Tcm-sulphur colloid by deep vein thrombi: a case report. Ruksawin N, et al. **Nucl Med Commun** 1984 Mar;5(3):175-8

Use of extraanatomical procedures in vascular surgery. Odero A, et al. **Panminerva Med** 1985 Jan-Mar;27(1):1-4

A hydrodynamic model of the human leg circulation. Klabunde RE, et al. **Physiologist** 1984 Dec;27(6):431-4

An anatomic study of the septocutaneous vessels of the leg. Carriquiry C, et al. **Plast Reconstr Surg** 1985 Sep;76(3):354-63

Reduction of postischemic edema with hyperbaric oxygen. Nylander G, et al. **Plast Reconstr Surg** 1985 Oct;76(4):596-603

The effect of oxygen inhalation and intravenous naftidrofuryl on the transcutaneous partial oxygen pressure in ischaemic lower limbs. Mustapha NM, et al. **Prosthet Orthot Int** 1984 Dec;8(3):135-8

Assessment of tissue viability in relation to the selection of amputation level. Spence VA, et al. **Prosthet Orthot Int** 1984 Aug;8(2):67-75

Intraarterial digital subtraction angiography of peripheral arteries with isotonic contrast material. Yashiro N, et al. **Radiat Med** 1984 Oct-Dec;2(4):226-30

Iopamidol arteriography: discomfort and pain. Dotter CT, et al. **Radiology** 1985 Jun;155(3):819-21

Digital subtraction angiography of the extremities using table translation. Foley WD, et al. **Radiology** 1985 Oct;157(1):255-8

Fatal thrombo-embolism after limb exsanguination. A case report. Cajee RA. **S Afr Med J** 1985 Aug 31;68(5):349-50

Lower-extremity ischemia in aortic dissection. Report of three cases. Schöön IM, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):93-5

Sequential bypass grafting for salvage of lower extremities. Calhoun TR, et al. **South Med J** 1985 Jan;78(1):41-4

Prognostic indicators in femoropopliteal and distal bypass grafts. Barry R, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):129-32

Patency of autogenous saphenous vein versus polytetrafluoroethylene grafts in femoropopliteal bypass for advanced ischemia of the extremity. Bennion RS, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):239-42

Umbilical vein bypass in patients with severe lower limb ischemia: a report of 121 consecutive cases. Andersen LI, et al. **Surgery** 1985 Mar;97(3):294-9

Patency of femoropopliteal and femorotibial grafts after outflow revascularization (jump grafts) to bypass distal disease. Andros G, et al. **Surgery** 1984 Nov;96(5):878-85

In situ vein bypasses to distal tibial and limited outflow tracts for limb salvage. Corson JD, et al. **Surgery** 1984 Oct;96(4):756-63

Severe unilateral ischemia of the lower extremity caused by ergotamine: treatment with nifedipine. Dagher FJ, et al. **Surgery** 1985 Mar;97(3):369-73

Surgical treatment of cavernous hemangioma. Lofgren EP, et al. **Surgery** 1985 Apr;97(4):474-80

Combined segment arterial disease. Samson RH, et al. **Surgery** 1985 Apr;97(4):385-96 (93 ref.)

Intraoperative assessment of in situ saphenous vein bypass grafts with continuous-wave Doppler probe. Spencer TD, et al. **Surgery** 1984 Nov;96(5):874-7

Experience with 350 crural arterial reconstructions: analysis and conclusions. Largiader J. **Thorac Cardiovasc Surg** 1985 Jun;33(3):146-56

Circulating platelet aggregates in patients with coronary heart disease and lower limb ischaemia. Popadić M, et al. **Vasa** 1985;14(1):35-7

Femoropopliteal saphenous vein bypass grafts 8 years later. Sonnenfeld T, et al. **Vasa** 1985;14(2):152-4

[Embolectomy of arterial embolism of the lower extremities by balloon catheters] Zhu SQ, et al. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):108 (Chi)

[Intravenous digital subtraction angiography for the visualization of the circulation of the lower limbs] Martens S, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2217-20 (Eng. Abstr.) (Dan)

[Peripheral vessel injuries] Vänttinen E. **Duodecim** 1985;101(9):854-60 (Fin)

[Detection of venous thromboses of legs following thoracotomy. Preliminary results apropos of 82 surgically treated cases] Gamondes JP, et al. **Ann Chir** 1985 Mar;39(2):150-2 (Eng. Abstr.) (Fre)

[Treatment of vascular or prosthetic infections after arterial revascularization of the lower limbs] Melliere D, et al. **Ann Chir** 1984 Oct;38(7):533-40 (Eng. Abstr.) (Fre)

[Arterial and venous circulation of the leg after intermittent venous occlusion] Zicot M. **Arch Int Physiol Biochim** 1984 Apr;92(1):27-37 (Eng. Abstr.) (Fre)

[The anterior tibial artery and vascularization of the muscles of the anterior compartment of the leg. Application to the anterior compartment syndrome of the leg] Pillet J, et al. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):223-31 (Eng. Abstr.) (Fre)

[Severe multiple vascular injuries of the limbs. 96 cases] Richard T, et al. **Chirurgie** 1984;110(8-9):711-5 (Eng. Abstr.) (Fre)

[Is leg bypass justified?] Ayer G, et al. **Helv Chir Acta** 1985 Jan;51(6):787-91 (Eng. Abstr.) (Fre)

[Complete phlebographic exploration of the venous return of the lower limbs in the clarification of pulmonary embolism. Technic and results] de Fays F, et al. **J Belge Radiol** 1984;67(6):393-9 (Eng. Abstr.) (Fre)

[A frequent malignant tumor of the soft tissues, malignant fibrohistiocytoma. Current interest: apropos of 2 cases disclosed by vascular complications] Batt M, et al. **J Chir (Paris)** 1985 Jan;122(1):43-5 (Eng. Abstr.) (Fre)

[Value of revascularization of the hypogastric artery in chronic vascular disorders of the lower limbs. Personal experience with 200 cases] Batt M, et al. **J Chir (Paris)** 1984 Jun-Jul;121(6-7):443-9 (Eng. Abstr.) (Fre)

[Extra-anatomical shunts in the lower limbs. Apropos of a series of 51 consecutive cases] Glock Y, et al. **J Chir (Paris)** 1984 Oct;121(10):593-8 (Eng. Abstr.) (Fre)

[Arterial diseases of the lower limbs in subjects less than 40 years old. Nature and prognosis. Apropos of 41 surgically treated patients] Patra P, et al. **J Chir (Paris)** 1985 Apr;122(4):247-54 (Eng. Abstr.) (Fre)

[Femorotibial bypass. Apropos of 106 consecutive cases] Von Segesser L, et al. **J Chir (Paris)** 1984 Jun-Jul;121(6-7):401-9 (Eng. Abstr.) (Fre)

[Vascular function studies and management of lower-limb arteriopathy] **J Mal Vasc** 1985;10 Suppl A:1-214 (Fre)

[The indications for lumbar sympathectomy as a function of clinical findings and of the results of the angiographic test] Abet D, et al. **J Mal Vasc** 1985;10 Suppl A:97-100 (Eng. Abstr.) **(Fre)**

[Clinical results of lumbar sympathectomy as a function of the amplification factor of Hillestad's reactive hyperemia test. Apropos of a series of 72 cases of isolated lumbar sympathectomies] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:77-83 (Eng. Abstr.) **(Fre)**

[Vascular functional exploratory methods enabling the assessment of the evolution of lower-limb arteriopathies in the critical phase. Pulpal pulsed signal, digital pressure, transcutaneous PO2 of the front of the foot. Preliminary notes] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:43-6 (Eng. Abstr.) **(Fre)**

[Ultrasonic test of key zones and collateral pathways in cases of arteriopathies of the lower extremities] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:10-4 (Eng. Abstr.) **(Fre)**

[Systolic pressure index at the ankle, a 'beacon' of long-term monitoring of lower-limb arteriopathy] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:37-42 (Eng. Abstr.) **(Fre)**

[Monitoring by non-flowmeter vascular function tests following lumbar sympathectomy] Becker F, et al. **J Mal Vasc** 1985;10 Suppl A:84-7 (Eng. Abstr.) **(Fre)**

[The amplification factor of the Hillestad reactional hyperemia test as a function of glucose status, clinical status and ankle pressure index] Becker F. **J Mal Vasc** 1985;10 Suppl A:57-61 (Eng. Abstr.) **(Fre)**

[Anatomy and surveillance of key sites and collateral pathways in arteriopathies of the lower extermities] Benhamou AC. **J Mal Vasc** 1985;10(1):65-70 (Eng. Abstr.) **(Fre)**

[What key zones should be monitored as a function of the assessment of the initial lesion? Collateral pathways?] Benhamou AC. **J Mal Vasc** 1985;10 Suppl A:5-9 (Eng. Abstr.) **(Fre)**

[Critical study of the measurement of pulsatile flow in arteritis patients. Value of non-invasive electromagnetic flowmetry] Boccalon H. **J Mal Vasc** 1985;10 Suppl A:20-6 (Eng. Abstr.) **(Fre)**

[Flowmeter monitoring following lumbar sympathectomy] Boccalon H. **J Mal Vasc** 1985;10 Suppl A:88-93 (Eng. Abstr.) **(Fre)**

[Sympathectomy and microcirculation: physiopathologic reflections] Carpentier P, et al. **J Mal Vasc** 1985;10 Suppl A:62-5 (Eng. Abstr.) **(Fre)**

[TcPO2 and viability of an amputation stump. Preliminary study] Casillas JM, et al. **J Mal Vasc** 1985;10(1):71-2 **(Fre)**

[Role of sonography. What more does it contribute than the Doppler test in the search for supra-aortic trunk lesions in the assessment of a patient presenting with a lower-limb arteriopathy?] Dubois-Pacque N, et al. **J Mal Vasc** 1985;10 Suppl A:127-30 (Eng. Abstr.) **(Fre)**

[Hyperbaric oxygenation and arteriopathies] Fredenucci P. **J Mal Vasc** 1985;10 Suppl A:166-72 (Eng. Abstr.) **(Fre)**

[The irrigraphic profile, an orienting element in the indications for lumbar sympathectomy] Langeron P, et al. **J Mal Vasc** 1985;10 Suppl A:66-71 (Eng. Abstr.) **(Fre)**

[Predictive value of the reactive hyperemia test as an indicator for lumbar sympathectomy] Le Héron D, et al. **J Mal Vasc** 1985;10 Suppl A:72-6 (Eng. Abstr.) **(Fre)**

[Evolution of vasomotor tone in chronic obstructive arteriopathy of the lower limbs] Merlen JF, et al. **J Mal Vasc** 1985;10 Suppl A:47-9 (Eng. Abstr.) **(Fre)**

[Combined study of carotid bifurcations using intravenous computed angiography and Doppler ultrasound in lower-limb arteritis] Raynaud A, et al. **J Mal Vasc** 1985;10 Suppl A:141-3 (Eng. Abstr.) **(Fre)**

[Long-term results of reversed venous femoro-popliteal bypass. Apropos of 151 cases] Ribal JP, et al. **J Mal Vasc** 1985;10(1):55-60 (Eng. Abstr.) **(Fre)**

[Pulsatility index and circulatory resistance factor in arteriopathies of the lower extremities] Schmidt C, et al. **J Mal Vasc** 1985;10(1):31-5 (Eng. Abstr.) **(Fre)**

[Pulsatility, flow and metabolic diseases] Schmidt C, et al. **J Mal Vasc** 1985;10 Suppl A:50-2 (Eng. Abstr.) **(Fre)**

[Value of plethysmographic methods as a means of monitoring arteriopathies] Sentou Y. **J Mal Vasc** 1985;10 Suppl A:15-9 (Eng. Abstr.) **(Fre)**

[In situ venous bypass using the great saphenous vein: analysis of the 5 year outcome of 129 procedures] Serise JM, et al. **J Mal Vasc** 1985;10(1):51-4 (Eng. Abstr.) **(Fre)**

[Study of the muscular perfusion of the lower limbs using thallium 201 scintigraphy before and after lumbar sympathectomy in 13 patients] Serise JM, et al. **J Mal Vasc** 1985;10 Suppl A:94-6 (Eng. Abstr.) **(Fre)**

[Dynamic study of venous return from the lower extremities by means of krypton-81 m perfusion] Zicot M, et al. **J Mal Vasc** 1985;10(1):3-9 (Eng. Abstr.) **(Fre)**

[Value of the treadmill exercise test for long-term monitoring of lower-limb arteriopathies] Zicot M. **J Mal Vasc** 1985;10 Suppl A:27-32 (Eng. Abstr.) **(Fre)**

[Inter-observer variability in the interpretation of arteriographies of the carotid arteries and lower limbs] Louvel JP, et al. **J Radiol** 1984 Oct;65(10):673-6 (Eng. Abstr.) **(Fre)**

[Results of in situ arterial thrombolysis by the combination of urokinase and lysyl plasminogen in acute arterial occlusive diseases of the lower limbs] Pernes JM, et al. **J Radiol** 1985 May;66(5):385-91 (Eng. Abstr.) **(Fre)**

[Correlation between various lipid and apolipoprotein parameters and clinical severity in arteriopathy of the lower limbs] Schatz C, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):15-9 (Eng. Abstr.) **(Fre)**

[Noninvasive functional exploration using photoreflexometry] Furderer CR, et al. **Phlebologie** 1984 Oct-Dec;37(4):417-24 (Eng. Abstr.) **(Fre)**

[Diagnostic and therapeutic problems posed by the association of arterial disease and chronic venous insufficiency of the lower limbs] Perrin M. **Phlebologie** 1985 Apr-Jun;38(2):271-6 (Eng. Abstr.) **(Fre)**

[Combination of lys-plasminogen and urokinase in subpopliteal acute ischemia. Preliminary results (letter)] Girand C, et al. **Presse Med** 1985 Feb 9;14(5):281-2 **(Fre)**

[Is capillaroscopy important in venous insufficiency of the legs? (letter)] Priollet P, et al. **Presse Med** 1985 Feb 9;14(5):282 **(Fre)**

[Bone and skin vascularization of the lower 4th of the leg] Aubry P, et al. **Rev Chir Orthop** 1984;70(8):589-97 (Eng. Abstr.) **(Fre)**

[Penetrating wound of the leg by a foreign body and arteriovenous fistula. Apropos of a case involving the posterior tibial artery] Mabit C, et al. **Rev Chir Orthop** 1985;71(3):201-3 (Eng. Abstr.) **(Fre)**

[Regressive arterial spasm of a lower limb] el Benna MT, et al. **Tunis Med** 1983 Jan-Feb;61(1):71 **(Fre)**

[Femoro-popliteal and femoro-tibial reconstruction with the Dardik umbilical vein] Laroche GP. **Union Med Can** 1985 Apr;114(4):342-5 (Eng. Abstr.) **(Fre)**

[Personal experiences in the care of lower-leg amputees with short prostheses] Strohbach H, et al. **Beitr Orthop Traumatol** 1985 Mar;32(3):113-7 (Eng. Abstr.) **(Ger)**

[Benzopyrone in the therapy of postreconstructive edema. A clinical double-blind study] Becker HM, et al. **Fortschr Med** 1985 Jun 6;103(21):593-6 (Eng. Abstr.) **(Ger)**

[Improvement of walking disability and conservative treatment. Guiding principles for drug treatment of chronic arterial occlusive disease (stage I and IIb)] Heinrich F. **Fortschr Med** 1984 Sep 27;102(36):74-5 **(Ger)**

[Significance of the surgical technic for the long-term prognosis of crural artery reconstruction] Largiader J. **Helv Chir Acta** 1985 Jan;51(6):769-72 (Eng. Abstr.) **(Ger)**

[Arterial circulatory disorders of the legs in pseudoxanthoma elasticum. Grönblad-Strandberg syndrome] Müller-Bühl U, et al. **Internist (Berlin)** 1984 Jun;25(6):375-8 **(Ger)**

[Transcutaneous measurement of oxygen partial pressure in the preoperative determination of the amputation level in the arterial occlusive disease of the lower extremity] Cyba-Altunbay S, et al. **Langenbecks Arch Chir** 1985;363(3):207-18 (Eng. Abstr.) **(Ger)**

[Systematic and local reactions during phlebography of the leg with special reference to postphlebographic complications. Randomized, prospective, intraindividual double-blind study of iopamidol and ioxithalamate (250 mg I/ml) using the 125I-fibrinogen test: II] Hagen B. **Radiologe** 1985 Jun;25(6):260-4 (Eng. Abstr.) **(Ger)**

[Ergotamine-induced disorders of the peripheral blood circulation--a case report] Creutzig A, et al. **Rontgenblatter** 1985 Jun;38(6):193-5 (Eng. Abstr.) **(Ger)**

[Venous digital subtraction arteriography of the pelvic and leg area with step displacement] Frank T, et al. **Rontgenblatter** 1984 Nov;37(11):373-6 (Eng. Abstr.) **(Ger)**

[Results of transvenous digital subtraction angiography with a 57 cm image intensifier in circulatory disorders of the lower extremities] Prager P, et al. **Rontgenblatter** 1985 May;38(5):168-72 (Eng. Abstr.) **(Ger)**

[General and local reactions following leg venographies] Borst U, et al **Rontgenpraxis** 1984 Sep;37(9):342-5 **(Ger)**

[Transcutaneous oxygen pressure during intra-arterial infusions] Creutzig A, et al. **Vasa** 1984;13(3):207-12 (Eng. Abstr.) **(Ger)**

[Pattern of distribution of arterial vascular occlusions of the extremities in a geriatric patient sample] Martin M, et al. **Vasa** 1984;Suppl 12:71-4 (Eng. Abstr.) **(Ger)**

[Early and late results of conservative therapy in patients with peripheral arterial circulatory disorders of clinical stage IV] Rieger H, et al. **Vasa** 1984;Suppl 12:124-32 (Eng. Abstr.) **(Ger)**

[Profundaplasty--a palliative operation in leg arterial occlusion of the aged?] Liepe B, et al. **Z Gerontol** 1985 Jan-Feb;18(1):22-7 (Eng. Abstr.) **(Ger)**

[Theses on the evaluation of arterial circulatory disorders of the extremities] Thiele P, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):463-7 (Eng. Abstr.) **(Ger)**

[Development of collateral circulation in arterial occlusions in advanced age] Voigt H, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):311-4 (Eng. Abstr.) **(Ger)**

[Behavior of blood pressure and peripheral hemodynamics in interval therapy in untreated and propranolol-treated patients with arterial circulatory disorders of the lower extremities] Winterfeld HJ, et al. **Z Gesamte Inn Med** 1984 Sep 15;39(18):447-50 (Eng. Abstr.) **(Ger)**

[Specificity and normality of peripheral systolic pressure measurement by the ultrasound Doppler technic in healthy angiography-imaged extremities] Köhler M, et al. **Z Kardiol** 1985 Jan;74(1):39-45 (Eng. Abstr.) **(Ger)**

[Ergotism--a risk in the prevention of thrombosis?] Jahn R. **Zentralbl Chir** 1985;110(8):482-5 (Eng. Abstr.) **(Ger)**

[Thromboembolism occlusion of arteries of the extremities] Wolf O. **Zentralbl Chir** 1985;110(8):495-9 **(Ger)**

[Iatrogenic vessel damage in the pelvic region] Heinrich P, et al. **Zentralbl Gynakol** 1985;107(7):432-4 (Eng. Abstr.) **(Ger)**

[Umbilical vein grafts for lower extremity bypasses (editorial)] Adar R, et al. **Harefuah** 1984 Nov 1;107(9):261-2 **(Heb)**

[Noninvasive laboratory diagnosis of the postphlebitic syndrome] Beer G, et al. **Harefuah** 1984 Nov 15;107(10):273-4 (Eng. Abstr.) **(Heb)**

[Foot ergometry for functional evaluation in arterial occlusive disease of the legs] Romanoff H, et al. **Harefuah** 1984 Oct;107(7-8):173-4 (Eng. Abstr.) **(Heb)**

[Our experience in the treatment of acute ischemia of the extremities: thromboembolectomy] Agus G. **Ann Ital Chir** 1984;56(6):583-91 (Eng. Abstr.) **(Ita)**

[Current role of sympathetic nerve surgery in most peripheral chronic obliterative arteriopathies of the lower limbs] Gaspari A, et al. **Ann Ital Chir** 1984;56(2):143-57 **(Ita)**

[Doppler measurement of tibial pressure in the diagnosis of peripheral arteriopathies] Brunetti A. **Ann Osp Maria Vittoria Torino** 1983 Jul-Dec;26(7-12):340-54 (Eng. Abstr.) **(Ita)**

[Use of ciclonicate in the treatment of obliterative arteriopathies of the lower limbs] Licata G, et al. **Clin Ter** 1985 Mar 31;112(6):503-13 (Eng. Abstr.) **(Ita)**

[The significance of sulodexide in the prevention of obliterative atherosclerotic arterial disease of the lower limbs] Martino R, et al. **Clin Ter** 1985 Mar 15;112(5):429-37 (Eng. Abstr.) **(Ita)**

[Rheologic therapy of peripheral arteriopathies. Personal observations on the use of flunarizin] Palleschi M, et al. **Clin Ter** 1984 Aug 15;110(3):215-20 (Eng. Abstr.) **(Ita)**

[Comparative study of various schedules of buflomedil treatment in peripheral arterial insufficiency of the lower limbs. Evaluation of its therapeutic efficacy] Paoletti V, et al. **Clin Ter** 1984 Jul 15;110(1):29-36 (Eng. Abstr.) **(Ita)**

[Axillo-bifemoral bypass with a PTFE expanded prosthesis (Gore-Tex) in the revascularization of the legs] Belardi P, et al. **Minerva Cardioangiol** 1984 Sep;32(9):615-20 (Eng. Abstr.) **(Ita)**

[Arterial injuries of the limbs] Coppi G, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):515-9 (Eng. Abstr.) **(Ita)**

[Indications for and results of extra-anatomic bypass in obstructive arteriopathies of the lower limbs] Jovino R, et al. **Minerva Chir** 1985 Mar 15;40(5):277-80 **(Ita)**

[Persistence of the sciatic artery in an adult] de Lucchi R, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):58-9 **(Ita)**

[The effects of failure of arterial reconstruction on limb status] Matsubara J, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):573-9 (Eng. Abstr.) **(Jpn)**

[A case of abdominal aortic aneurysm ruptured into the left common iliac vein with symptoms resembling deep vein thrombosis] Notsu T, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):362-6 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of a femoral compression method for ischemic legs by transcutaneous oxygen tension measurement] O-hara M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1490-4 (Eng. Abstr.) **(Jpn)**

[A successful case of two-staged operation for acute dissecting aneurysm (DeBakey IIIb) complicated with total occlusion of the terminal aorta] Ohhira M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1263-7 (Eng. Abstr.) **(Jpn)**

[Percutaneous transluminal angioplasty in the lower limbs] Eri LM, et al. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):503-6 (Eng. Abstr.) **(Nor)**

[Comparative studies of angiographic and morphological arterial changes in arteriosclerotic ischemia of the lower limbs] Majewski W, et al. **Pol Przegl Radiol (Warszawa)** 1984 May-Jun;48(3):161-5 (Eng. Abstr.) **(Pol)**

[Nicotinyl in the treatment of arteriosclerosis obliterans of the lower limbs] Grodzinska L, et al. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):879-81 **(Pol)**

[Acute-phase proteins in chronic peripheral arterial insufficiency] Knapik-Kordecka M. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):845-8 (Eng. Abstr.) **(Pol)**

[Platelet activity in patients with ischemia of the lower limbs treated with acenocoumarol] Kowal-Gierczak B, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1445-6 (Eng. Abstr.) **(Pol)**

[Thermographic evaluation of the effectiveness of electric surface stimulation on skin microcirculation in various peripheral vascular diseases] Kruk M, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):485-9 (Eng. Abstr.) **(Pol)**

[Ankle/arm pressure index at rest in vascular diseases of the lower limbs] Piecuch T. **Pol Tyg Lek** 1985 Apr 29;40(17):477-80 (Eng. Abstr.) **(Pol)**

[Physiological basis of the action of surface electrostimulation in the treatment of various vascular diseases] Szczypiorski P, et al. **Pol Tyg Lek** 1985 Mar 11;40(10):313-6 (32 ref.) **(Pol)**

[Resting ankle-arm pressure index in the contralateral leg in patients with vascular diseases referred for consultation or surgical treatment] Piecuch T. **Wiad Lek** 1984 May 15;37(10):755-60 (Eng. Abstr.) **(Pol)**

[Chronic ischemia of the lower limbs--diagnosis and management] Przystasz T, et al. **Wiad Lek** 1984 Oct 15; 37(20):1643-55 (Eng. Abstr.) **(Pol)**

[Arterial reconstructive treatment in arteriosclerosis obliterans of the lower extremities] Fluture V, et al. **Rev Chir [Chir]** 1983 Jul-Aug;32(4):253-62 (Eng. Abstr.) **(Rum)**

[Innervation of the blood vessels of the human lower extremities in occlusive arterial lesions] Medvedev VN. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):27-33 (Eng. Abstr.) **(Rus)**

[Circulatory status and architectonics of the vascular bed of the leg after lengthening it following double-distraction epiphysiolysis] Sveshnikov AA, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):46-51 (Eng. Abstr.) **(Rus)**

[Ischemic diseases of the lower limbs] Permiakov NK, et al. **Arkh Patol** 1985;47(2):5-16 (Eng. Abstr.) **(Rus)**

[Effect of the ovarian cycle on the blood supply to the extremities during loading] Plismane SO, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):430-4 **(Rus)**

[Dependence of the blood supply to the leg on its longitudinal dimensions and on the biomechanical properties of the skeletal muscles] Shchurov VA, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):281-6 **(Rus)**

[Photoangiotensiotonography as a method of studying microcirculation] Karpik AI, et al. **Kardiologiia** 1984 Nov; 24(11):120-2 **(Rus)**

[Changes in the blood surface-active properties during the correction of hemorheological disorders in patients with occlusive lesions of the abdominal aorta and arteries of the extremities] Kovalenko VI, et al. **Kardiologiia** 1985 Feb; 25(2):43-6 (Eng. Abstr.) **(Rus)**

[Blood supply of the limbs in cicatricial changes in tissue after trauma] Beliaeva AA, et al. **Khirurgiia (Mosk)** 1985 May;(5):80-5 (Eng. Abstr.) **(Rus)**

[Conduction anesthesia during operations on the lower and upper limbs] Darenskii DI, et al. **Khirurgiia (Mosk)** 1985 May;(5):74-6 **(Rus)**

[Chemical composition of the wall of the veins of the lower extremities in healthy subjects and patients with thrombophlebitis] Guseinov IA, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):50-2 (Eng. Abstr.) **(Rus)**

[Doppler ultrasonics in the diagnosis of varicose veins of the lower limbs] Konstantinova GD, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):22-6 (Eng. Abstr.) **(Rus)**

[Surgical treatment of thrombosis of vascular prostheses and venous transplants] Vakhidov VV, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):27-30 (Eng. Abstr.) **(Rus)**

[Permanent block of the 3d left thoracic sympathetic ganglion in treating arterial occlusive diseases of the extremities in the gangrene stage] Appazov FS, et al. **Klin Khir** 1984 Nov; (11):70-1 **(Rus)**

[Analysis of the diagnostic value of electrothermometry in the evaluation of microcirculatory disorders among patients with atherosclerotic lesions of the arteries of the lower extremities] Atroshchenko ES, et al. **Klin Khir** 1984 Oct; (10):71-2 **(Rus)**

[Is thoracic sympathectomy efficacious after lumbar sympathectomy?] Fokin AA, et al. **Klin Khir** 1984 Oct; (10):66-7 **(Rus)**

[Efficacy of lumbar sympathectomy in the treatment of arterial insufficiency of the lower extremities] Satmari VV, et al. **Klin Khir** 1984 Oct;(10):67-8 **(Rus)**

[Effect of irradiation with a helium-neon laser on the functional state of peripheral blood circulation during treatment of children with long-standing non-healing wounds] Schastnyi SA, et al. **Klin Khir** 1985;(6):24-7 (Eng. Abstr.) **(Rus)**

[A new method of diagnosing diseases of the deep veins of the shin and thigh] Sokolov IuN, et al. **Klin Khir** 1984 Nov;(11):71-2 **(Rus)**

[Selective compression arteriography in the diagnosis of diseases and sequelae of injuries to the vessels of the lower extremities] Zhane AK. **Klin Khir** 1984 Oct;(10):70-1 **(Rus)**

[Rheovasography in the differential diagnosis of vascular diseases of the lower limb] Kon MV, et al. **Klin Med (Mosk)** 1984 Aug;62(8):51-4 **(Rus)**

[Mechanisms of therapeutic effect of hemosorption in chronic arterial occlusive diseases of the lower limbs] Sergeeva NA, et al. **Klin Med (Mosk)** 1985 Feb;63(2):81-5 (Eng. Abstr.) **(Rus)**

[Vascular mechanisms of adaptation to head-down tilt body posture] Kabesheva TA, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):35-9 (Eng. Abstr.) **(Rus)**

[Regional blood flow during isokinetic dynamometric tests after 14-day bed rest] Vasil'eva TD, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):26-30 (Eng. Abstr.) **(Rus)**

[Myoglobin content of the blood in patients with lower limb ischemia] Kosnikova IV, et al. **Lab Delo** 1985;(3):157-9 (Eng. Abstr.) **(Rus)**

[Evaluation of thermograms of the lower extremities using a thermovision image quantizer] Volgin EG, et al. **Med Tekh** 1984 Nov-Dec;(6):46-50 **(Rus)**

[Various characteristics of preoperative preparation, amputation and postoperative management of patients with occlusive diseases of the blood vessels of the extremities] Iaremenko DA, et al. **Ortop Travmatol Protez** 1985 Jun; (6):23-7 (Eng. Abstr.) **(Rus)**

[Circulatory system in amputees with lower limb stumps and endarteritis obliterans] Kurdyballo SF. **Ortop Travmatol Protez** 1984 Nov;(11):15-8 (Eng. Abstr.) **(Rus)**

[Peripheral circulation in congenital developmental defects of the limbs] Mizhevich TV. **Ortop Travmatol Protez** 1985 Feb;(2):37-40 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in erythrocytes of patients with diabetes mellitus and diabetic angiopathies] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):6-9 (Eng. Abstr.) **(Rus)**

[Thermography in arteriosclerosis obliterans of the lower limbs] Dudaev VA, et al. **Sov Med** 1985;(3):111-5 **(Rus)**

[Amputation of the limbs and fatal outcome in injuries of major vessels of the extremities] Protsenko NV, et al. **Sov Med** 1984;(7):23-7 (Eng. Abstr.) **(Rus)**

[Severe complication of transcatheter embolization of the internal iliac artery] Shmidt IZ, et al. **Sov Med** 1985; (2):119-20 **(Rus)**

[Vascular tonus of the limbs in frostbite] Zabolotnykh VA, et al. **Sov Med** 1984;(8):109-12 **(Rus)**

[Possibilities and prospects of the assessment of regional hemodynamics under clinical conditions] Sazonova LN. **Ter Arkh** 1985;57(2):111-3 (Eng. Abstr.) **(Rus)**

[Functional and morphological changes in the crural muscles in the post-thrombophlebitis syndrome of the lower limbs] Bogdanov AS. **Vestn Khir** 1984 Aug;133(8):57-9 (Eng. Abstr.) **(Rus)**

[Early detection and treatment of diseases of the arteries of the legs in patients with diabetes mellitus under ambulatory conditions] Chukhman BA, et al. **Vestn Khir** 1984 Aug; 133(8):120-2 (Eng. Abstr.) **(Rus)**

[Dynamics of crural volume in changed gravitational load in the diagnosis of disorders of the tonus of venous wall] Iakovlev GM, et al. **Vestn Khir** 1984 Nov;133(11):60-3 (Eng. Abstr.) **(Rus)**

[Functional potentials of the microcirculatory system in patients with thrombo-obliterative arterial diseases of the lower extremities] Karpik AI, et al. **Vestn Khir** 1985 Apr; 134(4):57-61 (Eng. Abstr.) **(Rus)**

[Metabolic disorders and functional properties of erythrocytes in acute arterial obstruction of the extremities] Kliachkin ML, et al. **Vestn Khir** 1984 Dec;133(12):37-9 (Eng. Abstr.) **(Rus)**

[Procedure in severe ischemia of the extremities in patients with obliterating arterial diseases] Klimov VN, et al. **Vestn Khir** 1984 Sep;133(9):52-5 (Eng. Abstr.) **(Rus)**

[Preservation of the limb in a female patient with comminuted gunshot fractures of both shin bones and damage to the anterior and posterior tibial arteries] Kliuchevskii VV, et al. **Vestn Khir** 1984 Sep;133(9):98-100 **(Rus)**

[Comparative evaluation of the effectiveness of hemosorption in the treatment of patients with various forms of chronic arterial insufficiency of lower limbs] Koshkin VM, et al. **Vestn Khir** 1985 Mar;134(3):62-6 (Eng. Abstr.) **(Rus)**

[Peripheral circulation in deforming arthrosis] Kotel'nikov VP. **Vestn Khir** 1984 Aug;133(8):64-7 (Eng. Abstr.) **(Rus)**

[Results of the surgical treatment of acute thrombosis of the major arteries of the limbs] Ovchinnikov VA, et al. **Vestn Khir** 1984 Aug;133(8):53-6 (Eng. Abstr.) **(Rus)**

[Photosphygmography in obliterative arterial diseases of the lower extremities] Sigal ZM, et al. **Vestn Khir** 1985 Apr; 134(4):61-4 (Eng. Abstr.) **(Rus)**

[Medical regulation of recovery of consciousness after single-agent anesthesia with ketamine] Abramchenko VV, et al. **Voen Med Zh** 1984 Nov;(11):24-6 **(Rus)**

[Practical significance of the severity of the revascularization syndrome in treating acute arterial ischemia of the extremities] Komarov BD, et al. **Voen Med Zh** 1985 Mar; (3):34-8 **(Rus)**

[An active short-term orthostatic test for the determination of blood circulation of the lower limbs] Vlasov VD, et al. **Voen Med Zh** 1984 Aug;(8):47-8 **(Rus)**

[Carbohydrate metabolism of the skeletal muscle of the ischemic extremity in acute and chronic occlusion of the major arteries in man] Kosnikova IV, et al. **Vopr Med Khim** 1985 May-Jun;31(3):21-3 (Eng. Abstr.) **(Rus)**

[Mechanism of the therapeutic effect of helium-neon laser in various cardiovascular diseases] Agov BS, et al. **Vrach Delo** 1985 Jun;(6):17-21 (Eng. Abstr.) **(Rus)**

[A case of thromboangiitis obliterans] Drozdov DD, et al. **Vrach Delo** 1985 Apr;(4):53-5 **(Rus)**

[Thermographic studies of hypertensive patients undergoing treatment in a biotron] Zozulia IS, et al. **Vrach Delo** 1984 Dec;(12):66-9 **(Rus)**

[Ketanserin in the treatment of ischemic disease of the lower extremities] Gerová Z, et al. **Cas Lek Cesk** 1985 Jul 26; 124(30):938-41 (Eng. Abstr.) **(Slo)**

[Ergot poisoning as a cause of acute ischemia] Martinez León J, et al. **Angiologia** 1985 Mar-Apr;37(2):56-64 (Eng. Abstr.) **(Spa)**

[Recurring varicose syndromes. Personal experience] Offer G, et al. **Angiologia** 1984 Nov-Dec;36(6):297-9 (Eng. Abstr.) **(Spa)**

[Importance of the inferior mesenteric artery in the revascularization of the ischemic hypogastric region] Setacci C, et al. **Angiologia** 1985 Jul-Aug;37(4):171-5 (Eng. Abstr.) **(Spa)**

[Anatomo-radiological study and evaluation of percutaneous transluminal angioplasty in arteriopathy of the lower extremities] Glock Y, et al. **Rev Med Univ Navarra** 1984 Dec;28(4):28-31 **(Spa)**

[Mid-term functional results of percutaneous transluminal angioplasty in arteriopathy of the lower extremities] Glock Y, et al. **Rev Med Univ Navarra** 1984 Dec;28(4):24-7 **(Spa)**

[Indications and results of percutaneous transluminal angioplasty in arteriopathy of the extremities] Herreros J, et al. **Rev Med Univ Navarra** 1984 Dec;28(4):19-23 **(Spa)**

[Local intra-arterial injection of reserpine in severe ischemia of the extremities--a good effect on ergotism] Almgren B, et al. **Lakartidningen** 1984 Nov 7;81(45):4160-1 (Eng. Abstr.) **(Swe)**

EMBRYOLOGY

Fetal limb volume: a new parameter to assess fetal growth and nutrition. Jeanty P, et al. **J Ultrasound Med** 1985 Jun; 4(6):273-82

High-resolution sonographic assessment of the fetal extremities. Mahony BS, et al. **J Ultrasound Med** 1984 Nov; 3(11):489-98

Ultrasound fetal thigh-calf circumferences and gestational age--independent fetal ratios in normal pregnancy. Vintzileos AM, et al. **J Ultrasound Med** 1985 Jun; 4(6):287-92

[Biometry of the large bones of fetal extremities in the 3d trimester] Merz E, et al. **Ultraschall Med** 1984 Aug; 5(4):136-43 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

Knemometric monitoring of early effects of human growth hormone on leg length in children with growth hormone deficiency. Hermanussen M, et al. **Lancet** 1985 May 11; 1(8437):1069-71

INNERVATION

Interlimb coordination of posture in patients with spastic paresis. Impaired function of spinal reflexes. Dietz V, et al. **Brain** 1984 Sep;107 (Pt 3):965-78

Kinematic and EMG reactions to imposed interlimb phase alterations during bipedal cycling. Boylls CC, et al. **Brain Res** 1984 Dec 24;324(2):342-5

Electrodiagnosis and nerve conduction studies. Posuniak EA. **Clin Podiatry** 1984 Aug;1(2):279-90

Diabetic neuropathy of the lateral cutaneous nerve of the calf. A case report. Gessini L, et al. **Ital J Neurol Sci** 1985 Mar;6(1):107-8

[Postoperative paralysis of the leg] Borg G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(2):209-11 (Eng. Abstr.) **(Fre)**

[Volume conduction in the electroneurographic study of arm and leg nerves] Reichel G, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul;36(7):420-6 (Eng. Abstr.) **(Ger)**

[A neurinoma localized first in the popliteal sciatic nerve and later in the median nerve] Venturi R, et al. **Chir Organi Mov** 1982-83;68(4-6):797-810 (Eng. Abstr.) **(Ita)**

[Effect of a constant electric field on flaccid paralysis of the lower limb after acute poliomyelitis] Cieszyński T, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):59-64 (Eng. Abstr.) **(Pol)**

[Treatment of pruritus and polyneuropathy in patients with chronic renal failure by intermittent plasmapheresis] Vorob'ev PA, et al. **Ter Arkh** 1984;56(11):91-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Incidence of yeasts in the lower extremities of diabetic patients] Garcia de Alba JE, et al. **Salud Publica Mex** 1985 Mar-Apr;27(2):169-73 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Elephantiasis-like appearance of upper and lower extremities in Graves' dermopathy. Singh SP, et al. **Am J Med Sci** 1985 Aug;290(2):73-6

PHYSIOLOGY

A new method for measuring motor block in the lower extremities. Axelsson K, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):72-8

Changes in leg movements and muscle activity with speed of locomotion and mode of progression in humans. Nilsson J, et al. **Acta Physiol Scand** 1985 Apr;123(4):457-75

Stereotyped pattern of lower limb movement during level and grade walking on treadmill. Yamasaki M, et al. **Ann Physiol Anthropol** 1984 Oct;3(4):291-6

Cerebral somatosensory potentials evoked by muscle stretch, cutaneous taps and electrical stimulation of peripheral nerves in the lower limbs in man. Cohen LG, et al. **Brain** 1985 Mar;108 (Pt 1):103-21

A study by EMG stick diagrams of the muscular activities in the trunk flexion and extension movement. Tanii K, et al. **Ergonomics** 1985 Jun;28(6):895-904

Role of mono- and biarticular muscles in explosive movements. Gregoire L, et al. **Int J Sports Med** 1984 Dec; 5(6):301-5

Anaerobic threshold during arm and leg exercises and cardiorespiratory fitness tests in a group of male and female students. Nikolić Z, et al. **Int J Sports Med** 1984 Dec;5(6):330-5

Histochemical and metabolic changes in lower leg muscles in exercise-induced pain. Wallensten R, et al. **Int J Sports Med** 1984 Aug;5(4):202-8

Comparison of thermal responses between rest and leg exercise in water. Toner MM, et al. **J Appl Physiol** 1985 Jul;59(1):248-53

Lower-extremity rotational problems in children. Normal values to guide management. Staheli LT, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):39-47

Energy of the oscillating legs of a fast-moving cheetah, pronghorn, jackrabbit, and elephant. Hildebrand M, et al. **J Morphol** 1985 Apr;184(1):23-31

Corrective reactions to stumbling in man: neuronal co-ordination of bilateral leg muscle activity during gait. Berger W, et al. **J Physiol (Lond)** 1984 Dec;357:109-25

Kinetic sources of lower-limb angular displacement in the recovery phase of sprinting. Chapman AE, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):382-8

Mechanical and physiological responses to lower extremity loading during running. Martin PE. **Med Sci Sports Exerc** 1985 Aug;17(4):427-33

VO2max responses in separate and combined arm and leg air-braked ergometer exercise. Nagle FJ, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):563-6

Isokinetic plantar flexion endurance. Reliability and validity of output/excitation measurements. Fugl-Meyer AR, et al. **Scand J Rehabil Med** 1985;17(2):47-52

Periodic movements during sleep, sleep fragmentation, and sleep-wake complaints. Rosenthal L, et al. **Sleep** 1984;7(4):326-30

[Studies of lower leg electrical impedance for gait analysis] Yamamoto Y, et al. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):433-8 (Eng. Abstr.) **(Jpn)**

[Analysis of stamping] Fukushima H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun;87(6):770-3 **(Jpn)**

[Evaluation of the systems controlling motor efficiency of elderly persons after femoral neck fractures] Konieczna D. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):549-52 (Eng. Abstr.) **(Pol)**

[Mechanism of heat conduction in human limbs] Raigorodskaia TG, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):336-8 **(Rus)**

[Regulation of motor reactions in infant during the first few months of life] Praznikov VP. **Pediatriia** 1984 Aug;(8):36-7 **(Rus)**

PHYSIOPATHOLOGY

Lower extremity weight bearing under various standing conditions in independently ambulatory patients with hemiparesis. Bohannon RW, et al. **Phys Ther** 1985 Sep;65(9):1323-5

Enhancement of two motor functions of the lower extremity in a child with spastic quadriplegia. Laskas CA, et al. **Phys Ther** 1985 Jan;65(1):11-6

[The extremity-neck phenomenon, reverse and paradoxic deep neck reflex] Lesný I, et al. **Cesk Neurol Neurochir** 1985 Mar;48(2):110-2 (Eng. Abstr.) **(Cze)**

[Electromyographic analysis of the leg muscles in the hemiplegic patients with equinovarus deformity of the foot] Iwaya T. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):961-73 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Determination of difference in leg length [letter] Frick WO. **AJR** 1985 Oct;145(4):859

The role of CT in the diagnosis of primary lymphedema of the lower limb. Hadjis NS, et al. **AJR** 1985 Feb;144(2):361-4

Technique of torsion measurement of the lower extremity using computed tomography. Widjaja PM, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):466-70

Estimation of fat-free mass from stature and X-ray muscle widths at thigh and calf regions in Indian males. Bharadwaj H, et al. **Z Morphol Anthropol** 1984;75(1):107-11

[Radiographic evaluation of the amputation stump in osteosarcoma] Nessi R, et al. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):28-33 (Eng. Abstr.) **(Ita)**

[A roentgenographical study on the aging process of alignment of the lower extremities in children--with special reference to pain in the lower extremity] Ide H. **Nippon Seikeigeka Gakkai Zasshi** 1985 May;59(5):533-44 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Liver visualization following 99mTc-MAA (99mTc-macroaggregated albumin) venogram indicating obstruction of the distal inferior vena cava. Oster ZH, et al. **Eur J Nucl Med** 1985;10(3-4):183-4

SURGERY

Bilateral wrist dislocation in an above knee amputee with advanced rheumatoid arthritis. Attempts at ambulation. Dorto AJ, et al. **Am J Phys Med** 1984 Dec;63(6):298-302

Lower extremity amputation for peripheral vascular disease. A low-risk operation. Bunt TJ, et al. **Am Surg** 1984 Nov;50(11):581-4

'Islands of ischemia': transcutaneous PtcO2 documentation of pedal malperfusion following lower limb revascularization. Rhodes GR, et al. **Am Surg** 1985 Jul;51(7):407-13

Successful long-term limb salvage using cephalic vein bypass grafts. Harris RW, et al. **Ann Surg** 1984 Dec;200(6):785-92

Improved results with diabetic below-knee amputations. Fearon J, et al. **Arch Surg** 1985 Jul;120(7):777-80

Non-traumatic metastatic clostridial myonecrosis in a seventeen-year-old. Gatt D. **Br J Surg** 1985 Mar;72(3):240-1

Intravenous lidocaine for anesthesia in the lower extremity. A prospective study. Lehman WL, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1056-60

Peroneal island flap for skin defects in the lower extremity. Yoshimura M, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):935-41

Prevention of post-operative complications in the lower-extremity amputee. Pollack CV Jr, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):287-90

One-session surgery for correction of lower extremity deformities in children with cerebral palsy. Norlin R, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):208-11

Experience in the healing rate of lower limb amputations. McCollum PT, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):358-62

Fluorometric prediction of successful amputation level in the ischemic limb. Silverman DG, et al. **J Rehabil Res Dev** 1985 Jan;22(1):23-8

A lateral approach to below knee amputation. Rao PS. **Jpn J Surg** 1985 May;15(3):241-2

The clinical value of preoperative indirect systolic ankle pressure measurements in wound healing after amputation of the lower extremity. van Soest MG, et al. **Neth J Surg** 1985 Jun;37(3):75-8

Air splint in preprosthetic rehabilitation of lower extremity amputated limbs. A clinical report. Rausch RW, et al. **Phys Ther** 1985 Jun;65(6):912-4

Transplant of an inferiorly based rectus abdominis myocutaneous flap to the calf [letter] Galvao MS. **Plast Reconstr Surg** 1985 Mar;75(3):437-8

The role of free-tissue transfers in lower-extremity reconstruction. Swartz WM, et al. **Plast Reconstr Surg** 1985 Sep;76(3):364-73

Tourniquet after suction lipectomy of the lower extremity [letter] Teimourian B. **Plast Reconstr Surg** 1985 Mar;75(3):442

Calf augmentation: a new calf prosthesis. von Szalay L. **Plast Reconstr Surg** 1985 Jan;75(1):83-7

Cold injury amputees--a psychosocial problem? Hunter J, et al. **Prosthet Orthot Int** 1984 Dec;8(3):143-6

Comparative study of leg wound skin closure in coronary artery bypass graft operations. Angelini GD, et al. **Thorax** 1984 Dec;39(12):942-5

[Bridged cross free myocutaneous flap of latissimus dorsi muscle--a case report] Yu ZJ. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):309-11 **(Chi)**

[Clinical use of a composite cutaneo-fibular flap--report of 8 cases] Zhang SC. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):356-8, 383 (Eng. Abstr.) **(Chi)**

[Anesthesia and homeostasis in microsurgical procedures] Getlik P. **Rozhl Chir** 1985 Feb;64(2):75-8 (Eng. Abstr.) **(Cze)**

[Muscle transposition in the treatment of chronic diffuse osteomyelitis in the lower limbs] Hansen AJ, et al. **Ugeskr Laeger** 1985 Apr 15;147(16):1334-7 (Eng. Abstr.) **(Dan)**

[The double pedal flap in the treatment of loss of osteocutaneous substance of the leg] Mariano A, et al. **Ann Chir Plast Esthet** 1984;29(3):277-81 (Eng. Abstr.) **(Fre)**

[Biological changes induced by the removal of the tourniquet in orthopedic surgery] Foissac J, et al. **Cah Anesthesiol** 1984 Mar;32(2):101-5 (Eng. Abstr.) **(Fre)**

[Early rehabilitation of vascular amputees. Value of the multipurpose prosthesis] Brenot R, et al. **J Mal Vasc** 1984;9(3):215-9 (Eng. Abstr.) **(Fre)**

[Extremity preserving interventions in malignant bone tumors] Braun A, et al. **Langenbecks Arch Chir** 1984;364:317-20 (Eng. Abstr.) **(Ger)**

[Clinical aspects and treatment of arthrogryposis multiplex congenita. Lower extremity] Eulert J. **Z Orthop** 1984 Sep-Oct;122(5):661-9 (Eng. Abstr.) **(Ger)**

[Clinical picture of deep venous thrombosis] Lavorato F. **Minerva Med** 1985 Mar 17;76(11):459-64 **(Ita)**

[Preoperative risk factors in wound healing after surgery of the locomotor system in relation to surgical patients] Wasilewski A, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):54-7 (Eng. Abstr.) **(Pol)**

[Principles of postoperative procedures after leg amputation in peripheral vascular diseases] Nejman B. **Wiad Lek** 1985 Mar 1;38(5):359-64 (7 ref.) (Eng. Abstr.) **(Pol)**

[Fasciocutaneous flap on the leg. Anatomical study of the vascularization and clinical applications] Fontana C, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):260-3 (Eng. Abstr.) **(Por)**

[State of the tonus and reactivity of the autonomic nervous system in children with cerebral spastic palsy after orthopedic treatment] Klimenko VA, et al. **Ortop Travmatol Protez** 1985 Apr;(4):44-6 (Eng. Abstr.) **(Rus)**

LEG DERMATOSES

COMPLICATIONS

Pretibial myxedema associated with chronic thyroiditis [letter] Horiuchi Y. **Arch Dermatol** 1985 Apr;121(4):451

Recurrent acute appendicitis with erythema annulare centrifugum. Sack DM, et al. **Arch Intern Med** 1984 Oct;144(10):2090-2

DIAGNOSIS

Pretibial myxedema. Truhan AP. **Am Fam Physician** 1985 May;31(5):135-8

Leukemia cutis mimicking stasis dermatitis. Butler DF, et al. **Cutis** 1985 Jan;35(1):47-8

Sporotrichoid Mycobacterium marinum infection. Report of a ten-year case. Raz I, et al. **Int J Dermatol** 1984 Oct;23(8):554-5

Pigmentary demarcation lines associated with pregnancy. James WD, et al. **J Am Acad Dermatol** 1984 Sep;11(3):438-40

Pretibial myxedema. A review of the literature and case report. Frisch DR, et al. **J Am Podiatr Med Assoc** 1985 Mar;75(3):147-52

[Infection of humans with a nematode Dirofilaria repens Railliet et Henry, 1911] Supriaga VG, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):85-6 (Eng. Abstr.) **(Rus)**

[Generalized form of herpes zoster] Korsunskaia IM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):59-61 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Pernio. A possible association with chronic myelomonocytic leukemia. Kelly JW, et al. **Arch Dermatol** 1985 Aug;121(8):1048-52

Coexistence of sarcoidosis and necrobiosis lipoidica of the legs--a report of two cases. Graham-Brown RA, et al. **Clin Exp Dermatol** 1985 May;10(3):274-8

[Eczema of the lower leg and contact allergy] Lindemayr H, et al. **Hautarzt** 1985 Apr;36(4):227-31 (Eng. Abstr.) **(Ger)**

[Cutaneous hirudiniasis] Tsyrkunov LP, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):53-6 (Eng. Abstr.) **(Rus)**

HISTORY

'Osler's sign': pretibial myxedema of Graves' disease. Graner JL. **Can Med Assoc J** 1985 Apr 1;132(7):745-6

METABOLISM

[Electron microscopic studies of pretibial myxoedema using ruthenium red staining] Nakagawa K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1141-8 **(Jpn)**

MICROBIOLOGY

[Mycobacterium chelonei cutaneous infections. General review apropos of a case] Bendelac A, et al. **Ann Dermatol Venereol** 1985;112(4):319-24 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Pretibial myxoedema. Stewart G, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):391-5

Altered skin elastic fibers in hypothyroid myxedema and pretibial myxedema. Matsuoka LY, et al. **Arch Intern Med** 1985 Jan;145(1):117-21

Psoriasis verruciformis. Rajendran SS, et al. **Int J Dermatol** 1984 Oct;23(8):552-3

Encapsulated necrosis on the legs showing a changing number of nodules. A special type of encapsulated adiponecrosis? Kikuchi I. **J Dermatol (Tokyo)** 1984 Aug;11(4):413-6

PHYSIOPATHOLOGY

Ascites, gastrointestinal bleeding, and leg nodules. Goldman MP. **Arch Dermatol** 1985 May;121(5):673-4, 676

VETERINARY

Dermatitis of the legs of sheep associated with Staphylococcus aureus. Synge BA, et al. **Vet Rec** 1985 Apr 27;116(17):459-60

LEG INJURIES

Musculotendinous leg injuries. Fuller PJ. **Aust Fam Physician** 1984 Jul;13(7):495-8

Triangular flap wounds on the lower leg. Graham PW. **Aust Fam Physician** 1984 Nov;13(11):827

Multiple stress fractures. A longitudinal study of a soldier with 13 lesions. Milgrom C, et al. **Clin Orthop** 1985 Jan-Feb;(192):174-9

[Sivash-Kaz'min transportation splint for the hip] Sivash KM, et al. **Ortop Travmatol Protez** 1985 Feb;(2):57-8 **(Rus)**

CHEMICALLY INDUCED

Caustic burns from contact with wet cement. Early SH, et al. **JAMA** 1985 Jul 26;254(4):528-9

COMPLICATIONS

Venous function after fracture of the lower extremity. A 9-year follow-up of 150 cases. Lindhagen A, et al. **Acta Orthop Scand** 1985 Apr;56(2):110-4

Acute anterolateral compartment syndrome secondary to rupture of the peroneus longus muscle. Arciero RA, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):366-7

Intracompartmental pressure monitoring of leg injuries. An aid to management. Allen MJ, et al. **J Bone Joint Surg [Br]** 1985 Jan;67(1):53-7

Nonunion of long bone fractures in children: a review of 30 cases. Lewallen RP, et al. **J Pediatr Orthop** 1985 Mar-Apr;5(2):135-42

Pseudoaneurysm of anterior tibial artery after occlusion from blunt trauma: nonoperative management. Shah PM, et al. **J Trauma** 1985 Jul;25(7):656-8

[Traumatic arteriovenous fistula of the lower limb] Schrøder HM, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2790-1 (Eng. Abstr.) **(Dan)**

[Peroneal nerve entrapment] Vastamäki M. **Duodecim** 1985; 101(12):1185-90 (Eng. Abstr.) **(Fin)**

[Chronic osteitis of the lower leg] Burri C. **Orthopade** 1984 Sep;13(4):316-23 **(Ger)**

[Special aspects of the prevention of thromboembolism following fractures of the lower extremity] Reilmann H, et al. **Orthopade** 1984 Sep;13(4):298-300 **(Ger)**

[Secondary aneurysm of the iliac vein as a complication of traumatic arteriovenous fistulae of the lower extremity] Mansfeld L, et al. **ROFO** 1985 Feb;142(2):222-4 **(Ger)**

[Fractures in the paralyzed limb] Azaria M, et al. **Harefuah** 1985 Mar 1;108(5):257-9 **(Heb)**

[A particular case of calcific degeneration of the anterior tibial muscle. Etiopathogenic considerations] Avenia A, et al. **Chir Organi Mov** 1984;69(3):311-3 (Eng. Abstr.) **(Ita)**

[Criteria for malignization of long unhealed wounds and trophic ulcers] Izmaĭlov GA, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):48-52 (Eng. Abstr.) **(Rus)**

[Classification of sequelae of multiple injuries of the locomotor system] Gurgenidze NI, et al. **Ortop Travmatol Protez** 1985 Mar;(3):71-2 **(Rus)**

[Diagnosis of acute and chronic disorders of lymph outflow following injury by lymphography] Chepelenko GV. **Vestn Khir** 1985 Apr;134(4):78-83 (Eng. Abstr.) **(Rus)**

[Clinico-lymphographic classification of post-traumatic edema] Chepelenko GV. **Vestn Khir** 1985 May;134(5):86-90 (Eng. Abstr.) **(Rus)**

[Traumatic shock in multiple fractures of bones of the limbs in children] Rusakov AB, et al. **Vestn Khir** 1984 Aug; 133(8):103-5 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Common adolescent dance injuries. Contompasis J. **Clin Podiatry** 1984 Dec;1(3):631-44

Gastrocnemius musculotendinous rupture: a condition confused with thrombophlebitis. McClure JG. **South Med J** 1984 Sep;77(9):1143-5

ETIOLOGY

Stress fractures of the lower limbs in runners. Fitch KD. **Aust Fam Physician** 1984 Jul;13(7):511-5

Hamstring muscle injuries. Oakes BW. **Aust Fam Physician** 1984 Aug;13(8):587-91

Unusual distribution and onset of stress fractures in soldiers. Giladi M, et al. **Clin Orthop** 1985 Jan-Feb;(192):142-6

The relationship of heel contact in ascent and descent from jumps to the incidence of shin splints in ballet dancers. Gans A. **Phys Ther** 1985 Aug;65(8):1192-6

Lower limb fractures and registration for alcoholism. Johnell O, et al. **Scand J Soc Med** 1985;13(3):95-7

[Penetrating wound of the leg by a foreign body and arteriovenous fistula. Apropos of a case involving the posterior tibial artery] Mabit C, et al. **Rev Chir Orthop** 1985;71(3):201-3 (Eng. Abstr.) **(Fre)**

METABOLISM

[Mineral metabolism in fractures based on results of photon absorptiometry] Svešnikov AA, et al. **Radiol Diagn (Berl)** 1985;26(3):407-12 (Eng. Abstr.) **(Ger)**

OCCURRENCE

Common leg and shoulder conditions in athletes. Dominguez RH. **Compr Ther** 1985 Jan;11(1):57-64

[Burns of the lower extremities based on data from the Thermal Trauma Clinic of the N. I. Pirogov Institute during a 6-year period (1978-1983)] Khadzhiĭski O. **Khirurgiia (Sofiia)** 1984;37(4):275-81 (Eng. Abstr.) **(Bul)**

PATHOLOGY

[Characteristics of fractures of long tubular bones in children] Kriukov VN, et al. **Sud Med Ekspert** 1984 Jul-Sep; 27(3):56-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Deafferentation pain after posterior rhizotomy, trauma to a limb, and herpes zoster. Sweet WH. **Neurosurgery** 1984 Dec;15(6):928-32

Muscle imbalance and extremity injury. A perplexing relationship. Grace TG. **Sports Med** 1985 Mar-Apr; 2(2):77-82

PREVENTION & CONTROL

A microcomputer controlled snow ski binding system--I. Instrumentation and field evaluation. MacGregor D, et al. **J Biomech** 1985;18(4):255-65

A microcomputer controlled snow ski binding system--II. Release decision theories. MacGregor D, et al. **J Biomech** 1985;18(4):267-75

RADIOGRAPHY

[Systematic preoperative phlebography in patients with leg injuries, surgically treated after a delay] Maliska P, et al. **Ann Fr Anesth Reanim** 1985;4(1):23-6 (Eng. Abstr.) **(Fre)**

[Selection protocol for the realization of roentgen studies in patients with injuries to the extremities] Brand DA, et al. **Orthopade** 1985 Feb;14(1):69-77 **(Ger)**

[Lymphography and phlebography for clarifying the causes of edema formation in patients with trauma to the lower limbs] Cepelenko GV, et al. **Radiol Diagn (Berl)** 1984; 25(6):725-33 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Methylene diphosphonate uptake in traumatized muscles. Maslack MM, et al. **Clin Nucl Med** 1984 Sep;9(9):491-2

[Bone scintigraphy in suspected stress fractures (letter)] Hansen IL, et al. **Ugeskr Laeger** 1985 May 6;147(19):1556-7 **(Dan)**

[Nuclear medical diagnosis in the treatment of Ilizarov's posttraumatic osteomyelitis] Svešnikov AA, et al. **Radiol Diagn (Berl)** 1984;25(5):587-94 (Eng. Abstr.) **(Ger)**

[Radionuclide research on reparative bone formation during the treatment of spiral bone fractures of the leg by G. A. Ilizarov's method] Sveshnikov AA, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):41-7 (Eng. Abstr.) **(Rus)**

[Radionuclide studies on healing in closed transverse fractures of the long tubular bones] Sveshnikov AA, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):7-12 (Eng. Abstr.) **(Rus)**

[Studies with 99mTc-pyrophosphate of reparative osteogenesis during treatment of closed oblique fractures of the long tubular bones] Sveshnikov AA, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):12-6 (Eng. Abstr.) **(Rus)**

REHABILITATION

Functional foot orthoses for athletic injuries. A retrospective study. Blake RL, et al. **J Am Podiatr Med Assoc** 1985 Jul; 75(7):359-62

SURGERY

Aggressive approach to the extremity damaged by electric current. Parshley PF, et al. **Am J Surg** 1985 Jul; 150(1):78-82

Intrathecal ketamine for war surgery. A preliminary study under field conditions. Bion JF. **Anaesthesia** 1984 Oct; 39(10):1023-8

A comprehensive approach to extremity vascular trauma. Menzoian JO, et al. **Arch Surg** 1985 Jul;120(7):801-5

The impact of medical, reeducational, and psychological variables on rehabilitation outcome in amputees. Gerhards F, et al. **Int J Rehabil Res** 1984;7(4):379-88

Vascular injuries to the extremities following blunt trauma: discussion paper. Turnbull AR. **J R Soc Med** 1985 Feb; 78(2):117-8

Lower extremity salvage with microvascular free flaps. Hay EL, et al. **J SC Med Assoc** 1985 Jun;81(6):311-6

The role of free-tissue transfers in lower-extremity reconstruction. Swartz WM, et al. **Plast Reconstr Surg** 1985 Sep;76(3):364-73

[Surgical treatment of deep burns of the lower extremities (a review of the literature)] Khadzhiiski I. **Khirurgiia (Sofiia)** 1984;37(4):304-9 (76 ref.) **(Bul)**

[The role of neurovascular microsurgery in modern reconstructive surgery] Fára M, et al. **Rozhl Chir** 1985 Feb; 64(2):65-74 (Eng. Abstr.) **(Cze)**

[Surgical treatment of fractures of the extremities] Aho AJ. **Duodecim** 1985;101(9):880-90 **(Fin)**

[Recent arterial injuries of the limbs. Diagnostic and therapeutic problems] Giraud C, et al. **Ann Chir** 1983 Mar; 37(2):175-80 (Eng. Abstr.) **(Fre)**

[Critical study of revascularization in injuries of the extremities] Nussaume O, et al. **Ann Chir** 1984 Nov; 38(8):613-9 (Eng. Abstr.) **(Fre)**

[The double pedal flap in the treatment of loss of osteocutaneous substance of the leg] Mariano A, et al. **Ann Chir Plast Esthet** 1984;29(3):277-81 (Eng. Abstr.) **(Fre)**

[Severe multiple vascular injuries of the limbs. 96 cases] Richard T, et al. **Chirurgie** 1984;110(8-9):711-5 (Eng. Abstr.) **(Fre)**

[Bone and vascular injuries of the popliteal fossa. Apropos of 21 cases] Jarde O, et al. **Phlebologie** 1985 Apr-Jun; 38(2):347-52 (Eng. Abstr.) **(Fre)**

[Stress tolerance of patients following fractures of the lower extremities] Holz U. **Langenbecks Arch Chir** 1984;364:103-6 (Eng. Abstr.) **(Ger)**

[Indications and technic of lower leg amputations] Probst J. **Orthopade** 1984 Sep;13(4):324-37 **(Ger)**

[Changing therapeutic methods and limits of care in accidental injuries] Kazár G, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984; 27(3):213-8 (Eng. Abstr.) **(Hun)**

[Main indications for the use of external fixation devices in extensive traumatic lesions of the lower extremity] Battaglia L, et al. **Chir Organi Mov** 1982-83;68(4-6):413-23 (Eng. Abstr.) **(Ita)**

[Our experience in the treatment of closed diaphyseal fractures of the leg with the AO technic] Pasquon PG, et al. **Chir Organi Mov** 1982-83;68(4-6):459-66 (Eng. Abstr.) **(Ita)**

[Our experience in the use of external fixation devices] Ravaglia L, et al. **Chir Organi Mov** 1982-83;68(4-6):425-37 (Eng. Abstr.) **(Ita)**

[Arterial injuries of the limbs] Coppi G, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):515-9 (Eng. Abstr.) **(Ita)**

[Multifocal injuries of bones in our cases and their treatment] Noczyński L, et al. **Chir Narzadow Ruchu Ortop Pol** 1985; 50(1):69-73 (Eng. Abstr.) **(Pol)**

[Organizational and tactical aspects of replantation of large segments of the limbs] Driuk NF, et al. **Klin Khir** 1985 Apr;(4):58-62 **(Rus)**

[Effect of irradiation with a helium-neon laser on the functional state of peripheral blood circulation during treatment of children with long-standing non-healing wounds] Schastnyi SA, et al. **Klin Khir** 1985;(6):24-7 (Eng. Abstr.) **(Rus)**

[Features of the treatment of patients with 2-segment adjacent fractures of the femur and crural bones] Betsishor VK. **Ortop Travmatol Protez** 1985 Jan;(1):11-5 (Eng. Abstr.) **(Rus)**

[Osteosynthesis with metal plates in the treatment of fractures of long tubular bones] Gol'dman BL, et al. **Ortop Travmatol Protez** 1985 Jun;(6):58-60 **(Rus)**

[Surgical first aid in open injuries of the limbs] Goriachev AN, et al. **Ortop Travmatol Protez** 1985 Mar;(3):70-1 **(Rus)**

[Amputation of the limbs during World War II and the rehabilitation of the disabled] Khokhol MI. **Ortop Travmatol Protez** 1985 Jun;(6):1-6 **(Rus)**

[Morphological substantiation of the selection of rational therapeutic tactics in subcutaneous ruptures of tendons of the limbs] Levitskii FA, et al. **Ortop Travmatol Protez** 1985 Jun;(6):19-22 (Eng. Abstr.) **(Rus)**

[Method of immobilizing the lower extremities after extensive soft tissue injuries] Shaposhnikov VI. **Ortop Travmatol Protez** 1984 Oct;(10):44 **(Rus)**

[Free transplantation of tissue complexes with microanastomosis of blood vessels and nerves as a new method for plastic surgery of the limbs] Tkachenko SS, et al. **Ortop Travmatol Protez** 1984 Dec;(12):1-5 (Eng. Abstr.) **(Rus)**

[Microsurgery in traumatology and orthopedics: new possibilities and new problems] Tkachenko SS, et al. **Ortop Travmatol Protez** 1984 Jul;(7):67-72 **(Rus)**

[Treatment of severe open bone fractures of the extremities in children using local gnotobiological isolation] Nemsadze VP, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):27-31 (Eng. Abstr.) **(Rus)**

[Means of filling in extensive defects with cutaneous-subcutaneous-fascial flaps on a Filatov pedicle] Dmitriev GI, et al. **Vestn Khir** 1985 Jan;134(1):111-5 (Eng. Abstr.) **(Rus)**

[Allogeneic tendoplasty in surgery of the locomotor system] Nikitin GD, et al. **Vestn Khir** 1985 May;134(5):114-8 (Eng. Abstr.) **(Rus)**

[Selection of the treatment method in diaphyseal fractures of 2 segments of the upper or lower limbs] Trubnikov VF, et al. **Vestn Khir** 1985 Feb;134(2):71-4 (Eng. Abstr.) **(Rus)**

[Correction of posttraumatic loss of soft tissue in the area of the calf and foot] Mariš F, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1310-6 (Eng. Abstr.) **(Slo)**

THERAPY

Use of sutures or adhesive tapes for primary closure of pretibial lacerations. Sutton R, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1627

Fractured shaft of femur. Robertson CR. **Cent Afr J Med** 1968 May;14(5):97-103

First and second line treatment in the Falklands Campaign. A retrospective view. Jackson DS, et al. **J R Army Med Corps** 1984 Jun;130(2):79-83

[Emergency care of fractures of the lower extremities in multiple injuries. I] Kroupa J. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):52-67 (Eng. Abstr.) **(Cze)**

[Initial experience with the functional treatment of fractures] Ruppert J, et al. **Cas Lek Cesk** 1984 Nov 9;123(45):1366-9 (Eng. Abstr.) **(Cze)**

[Emergency care of fractures of the lower extremities in multiple injuries] Kroupa J. **Rozhl Chir** 1984 Oct; 63(10):684-92 (Eng. Abstr.) **(Cze)**

[Associated injuries of the head and brain in relation to the possibility of immediate and early treatment of fractures of the long bones of the extremities] Kroupa J, et al.

Rozhl Chir 1984 Oct;63(10):643-51 (Eng. Abstr.) **(Cze)**

[An attempt at using controlled therapeutic hemodilution in non-healing wounds and bedsores] Antoszewski Z, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):64-8 (Eng. Abstr.) **(Pol)**

[Gnotobiological principles of the prevention and treatment of mechanical injuries of the limbs] Ali-Zade ChA, et al. **Khirurgiia (Mosk)** 1985 May;(5):69-71 (Eng. Abstr.) **(Rus)**

[Treatment of open fractures of long tubular bones] Ternovoi KS, et al. **Khirurgiia (Mosk)** 1985 May;(5):65-9 **(Rus)**

[Transport splint for the leg] Chirakh SG, et al. **Ortop Travmatol Protez** 1984 Dec;(12):24-5 **(Rus)**

[Theoretical substantiation of early load and clinical experience with the treatment of crural bone fractures with functional bandages] Korzh AA, et al. **Ortop Travmatol Protez** 1985 Apr;(4):17-23 (Eng. Abstr.) **(Rus)**

[Soviet medicine during World War II and current principles of step-by-step treatment of gunshot wounds of the limbs] Tkachenko SS. **Ortop Travmatol Protez** 1985 Apr;(4):1-5 (Eng. Abstr.) **(Rus)**

[Experience with the treatment of patients with open fractures of the locomotor system with associated and multiple injuries] Trubnikov VF, et al. **Ortop Travmatol Protez** 1985 May;(5):8-12 (Eng. Abstr.) **(Rus)**

[Conservative and surgical treatment of fractures] Okhotskii VP. **Vestn Khir** 1985 Feb;134(2):138-41 (Eng. Abstr.) **(Rus)**

VETERINARY

Fractures in turkeys associated with lymphoma. Randall CJ, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):650-1

LEG LENGTH INEQUALITY

see related
BONE LENGTHENING

Short-leg syndrome. Vogel F Jr. **Clin Podiatry** 1984 Dec; 1(3):581-99

Lumbosacral radiography [letter] Giles LG. **Spine** 1984 Nov-Dec;9(8):842

COMPLICATIONS

Leg length inequality and low back pain [letter] Friberg O. **Lancet** 1984 Nov 3;2(8410):1039

Leg length inequality and low back pain. Helliwell M. **Practitioner** 1985 May;229(1403):483-5

[Multi-level intervertebral disk destruction in leg length inequality in Bechterew's disease] Nowak C, et al. **Wiad Lek** 1984 Nov 15;37(22):1811-5 (Eng. Abstr.) **(Pol)**

[Leg length inequality as a cause of the high incidence of lateral scoliosis] Solomonik ZE, et al. **Ortop Travmatol Protez** 1985 Mar;(3):72-3 **(Rus)**

[Arterial hypertension and axial growth in children and adolescents with diseases of the musculoskeletal system] Shurov VA, et al. **Pediatriia** 1985 Mar;(3):40-3 (Eng. Abstr.) **(Rus)**

CONGENITAL

[Peripheral circulation in congenital developmental defects of the limbs] Mizhevich TV. **Ortop Travmatol Protez** 1985 Feb;(2):37-40 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

A preliminary study on asymmetrical forces at the foot to ground interphase. Beekman S, et al. **J Am Podiatr Med Assoc** 1985 Jul;75(7):349-54

Limb length discrepancy. Identification, clinical significance, and management. Blustein SM, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):200-6

ETIOLOGY

Leg-length inequality in hemophilia. An interesting case report. Heim M, et al. **Clin Pediatr (Phila)** 1985 Oct; 24(10):600-2

Valgus deformity of the ankle joint: pathogenesis of fibular shortening. Dias LS. **J Pediatr Orthop** 1985 Mar-Apr; 5(2):176-80

PATHOLOGY

Partial nephrectomy for Wilms' tumor in a child with hemihypertrophy. Proceedings of the Tumor Board of the Children's Hospital of Philadelphia [clinical conference] Bishop HC, et al. **Med Pediatr Oncol** 1985;13(1):37-9

The effect of postural scoliosis on lumbar apophyseal joints. Giles LG, et al. **Scand J Rheumatol** 1984;13(3):209-20

[Clinico-morphological characteristics of congenital defects of the crural bones] Karimova LF, et al. **Ortop Travmatol Protez** 1984 Nov;(11):19-22 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Leg length determination by CT digital radiography. Aitken AG, et al. **AJR** 1985 Mar;144(3):613-5

A radiographic method for measurement of leg length inequality. Friberg O, et al. **Diagn Imag Clin Med** 1985; 54(2):78-81

Aseptic meningitis secondary to metrizamide lumbar myelography in a 4 1/2-month-old infant. DiMario FJ Jr. **Pediatrics** 1985 Aug;76(2):259-62

Leg-length determination with biplanar CT scanograms. Glass RB, et al. **Radiology** 1985 Sep;156(3):833-4

[Talo-crural joint. Ankle joint deformity in patients with foot deformities and differences in the length of the legs] Staehr H, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3127-9 (Eng. Abstr.) **(Dan)**

[Radiological changes caused by osteitis in infancy] Boron Z, et al. **Pol Przegl Radiol (Warszawa)** 1984 Sep-Oct; 48(5):315-6 (Eng. Abstr.) **(Pol)**

SURGERY

[Abbreviation osteotomy] Náhoda J. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):319-23 (Eng. Abstr.) **(Cze)**

[Our views on the surgical treatment of lower extremity inequality] Opatík J. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):467-73 (Eng. Abstr.) **(Slo)**

THERAPY

MMIE malpractice claim review. Orthopédic surgery. Johnson FE. **Minn Med** 1985 May;68(5):378

LEG ULCER

CHEMICALLY INDUCED

Care of pentamadine ulcers in AIDS patients. Gottlieb JR, et al. **Plast Reconstr Surg** 1985 Oct;76(4):630-2

CLASSIFICATION

[Clinical tests of medications aimed at healing: proposal for a methodology. Classification of leg ulcers] Bourde C. **Phlebologie** 1984 Jul-Sep;37(3):355-60 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Malignant fibrous histiocytoma arising from chronic ulcer. Routh A, et al. **Arch Dermatol** 1985 Apr;121(4):529-31

Value of a 24-hour image (four-phase bone scan) in assessing osteomyelitis in patients with peripheral vascular disease. Alazraki N, et al. **J Nucl Med** 1985 Jul;26(7):711-7

Nutritional status of patients with leg ulcers. Schraibman IG, et al. **J R Soc Med** 1985 Jan;78(1):39-42

[Eczema of the lower leg and contact allergy] Lindemayr H, et al. **Hautarzt** 1985 Apr;36(4):227-31 (Eng. Abstr.) **(Ger)**

[Idiopathic mixed cryoglobulinemia: phagedenic ulcers and leukocytoclastic vasculitis] Gentiloni N, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):61-3 (Eng. Abstr.) **(Ita)**

[Criteria for malignization of long unhealed wounds and trophic ulcers] Izmailov GA, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):48-52 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[2 basaliomas of the lower leg in a 60-year-old female--one of them simulating ulcus cruris] Keilig W, et al. **Hautarzt** 1984 Oct;35(10):546-9 (Eng. Abstr.) **(Ger)**

[Clinical study and differential diagnosis of the open leg] Brunner U. **Ther Umsch** 1984 Dec;41(12):839-45 (Eng. Abstr.) **(Ger)**

[Martorell's syndrome] Izmailov GA, et al. **Klin Med (Mosk)** 1984 Sep;62(9):118-20 **(Rus)**

DRUG THERAPY

Therapeutic effect of ticlopidine for ischemic leg ulcers. Katsumura T. **Agents Actions [Suppl]** 1984;15:167-72

Zinc and acute tropical ulcers in Gambian children and adolescents. Watkinson M, et al. **Am J Clin Nutr** 1985 Jan; 41(1):43-51

Topical zinc oxide treatment improves arterial and venous leg ulcers. Strömberg HE, et al. **Br J Dermatol** 1984 Oct; 111(4):461-8

Treatment of Raynaud's phenomenon with ketanserin [letter] Cox NH, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1078-9

Benzoyl peroxide contact allergy in leg ulcer patients. Agathos M, et al. **Contact Dermatitis** 1984 Nov;11(5):316-7

Nifedipine in scleroderma ulcerations. Woo TY, et al. **Int J Dermatol** 1984 Dec;23(10):678-80

Role of topical dressings in tropical ulcer leg. Gupta SN, et al. **J Indian Med Assoc** 1984 May;82(5):161-4

Efficacy of prostaglandin E1 in the treatment of lower extremity ischemic ulcers secondary to peripheral vascular occlusive disease. Results of a prospective randomized, double-blind, multicenter clinical trial. Schuler JJ, et al. **J Vasc Surg** 1984 Jan;1(1):160-70

Prostacyclin for ischemic ulcers in peripheral arterial disease. A random assignment, placebo controlled study. Nizankowski R, et al. **Thromb Res** 1985 Jan 1;37(1):21-8

[Cadexomer iodine: local single-drug therapy of leg ulcers. Study in 45 ambulatory patients] Elbaz C, et al. **Phlebologie** 1985 Apr-Jun;38(2):367-71 **(Fre)**

[Ointments prepared in pharmacies for the treatment of crural ulcer] Jakabne Bori G. **Acta Pharm Hung** 1984 Sep; 54(5):216-23 (Eng. Abstr.) **(Hun)**

[Use of lysozyme in the treatment of trophic ulcers of the lower extremities] Polous IuM, et al. **Klin Khir** 1984 Oct; (10):70 **(Rus)**

[A useful combination in the treatment of ulcers of the legs] Martorell A. **Angiologia** 1985 Mar-Apr;37(2):87 **(Spa)**

[Therapy of ischemic ulcers of the lower extremities using plafibride] Palou Monzo J, et al. **Angiologia** 1984 Nov-Dec; 36(6):273-8 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Pathogenesis of ulcerations in deficiency of prolidase. The role of angiopathy and of deposits of amyloid. Pierard GE, et al. **Am J Dermatopathol** 1984 Oct;6(5):491-7

Vasculitic leg ulcers in chronic myelogenous leukemia. Stahl RL, et al. **Am J Med** 1985 May;78(5):869-72

Are leg ulcers in rheumatoid arthritis due to vasculitis? Nishikawa JA. **Eur J Rheumatol Inflamm** 1983;6(3):288-90

Leg ulcerations in livedoid vasculitis. Cabbabe EB, et al. **Plast Reconstr Surg** 1985 Jun;75(6):888-91

[Essential hypereosinophilic syndrome disclosed by leg ulcer] Claudy AL, et al. **Ann Dermatol Venereol** 1984;111(9):823-6 **(Fre)**

[Etiopathogenesis and therapy of ulcers of the lower limbs] Berta V, et al. **Phlebologie** 1985 Apr-Jun;38(2):359-62 (Eng. Abstr.) **(Fre)**

[Arsenic-induced, multifocal basalioma as the cause of a chronic leg ulcer] Schroeder P, et al. **Fortschr Med** 1984 Nov 29;102(44):1128-30 (Eng. Abstr.) **(Ger)**

[Pathogenesis of the venous leg ulcer] Partsch H. **Hautarzt** 1985 Apr;36(4):196-202 (41 ref.) (Eng. Abstr.) **(Ger)**

[Leg ulcers in congenital dyserythropoietic anemia] Gschnait F, et al. **Z Hautkr** 1985 Jan;60(1-2):199-203 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Corynebacterium diphtheriae in sickle cell leg ulcers in Jamaica. Baum KF, et al. **West Indian Med J** 1985 Mar; 34(1):24-8

[Yeasts in leg ulcers] Dereume JL. **Dermatologica** 1985; 170(6):271-5 (Eng. Abstr.) **(Fre)**

NURSING

[Care of patients with Behcet's syndrome-caused serious ulcer of the legs] Liu P. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):202-3 **(Chi)**

OCCURRENCE

Chronic ulceration of the leg: extent of the problem and provision of care. Callam MJ, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1855-6

PARASITOLOGY

[Hatching of fly-maggots in a gangrenous ulcer] Michelsen I, et al. **Ugeskr Laeger** 1985 Apr 1;147(14):1199 (Eng. Abstr.) **(Dan)**

PHYSIOPATHOLOGY

Martorell's hypertensive ischemic leg ulcers are secondary to an increase in the local vascular resistance. Duncan HJ, et al. **J Vasc Surg** 1985 Jul;2(4):581-4

[Leg ulcers of venous origin. Rate of basic healing. Practical consequences] Cornu-Thenard A, et al. **Phlebologie** 1984 Jul-Sep;37(3):347-54 (Eng. Abstr.) **(Fre)**

[The open leg. Clinical physiopathology] Partsch H. **Ther Umsch** 1984 Dec;41(12):825-33 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

[Delusions of parasitic infestation in somatic disease; interpretation based on the dissolution theory] Giersz T. **Wiad Lek** 1984 Sep 15;37(16):1309-11 (Eng. Abstr.) **(Pol)**

SURGERY

Preservation of the lower extremity in the treatment of massive pressure ulcers. Holman PD. **Ariz Med** 1985 Feb; 42(2):93-9

The use of a free flap in homozygous sickle cell disease. Spence RJ. **Plast Reconstr Surg** 1985 Oct;76(4):616-9

[Autodermoplasty in the treatment of trophic ulcers of the lower extremities] Lipnitskii EM, et al. **Vestn Khir** 1985 Jan;134(1):115-8 (Eng. Abstr.) **(Rus)**

THERAPY

Management of leg ulcers with hydrocolloid occlusive dressing. Friedman SJ, et al. **Arch Dermatol** 1984 Oct; 120(10):1329-36

Chronic leg ulcers. Ozone and other factors affecting healing. Thwaites M, et al. **Aust Fam Physician** 1985 Apr;14(4):292, 294, 296-8

Hyperbaric oxygen therapy for pyoderma gangrenosum. Heng MC. **Aust NZ J Med** 1984 Oct;14(5):618-21

Multicenter clinical evaluation of a hydrocolloid dressing for leg ulcers. van Rijswijk L, et al. **Cutis** 1985 Feb;35(2):173-6

Use of the vapor permeable membrane for cutaneous ulcers: details of application and side effects. Alper JC, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):858-66

Topical oxygen therapy treatment of extensive leg and foot ulcers. Ignacio DR, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):196–9

Intractable postphlebitic ulceration of the leg. Garber N. **S Afr Med J** 1985 Apr 6;67(14):553–4

[Leg ulcers: so-called active dressings] Cornu-Thenard A. **Phlebologie** 1984 Jul-Sep;37(3):365–8 (Eng. Abstr.) **(Fre)**

[Leg ulcers of venous origin and their development around the year 1955] Marmasse J. **Phlebologie** 1984 Jul-Sep;37(3):333–6 (Eng. Abstr.) **(Fre)**

[Report of an update on products used in the treatment of ulcers] Vin F. **Phlebologie** 1984 Jul-Sep;37(3):361–4 (Eng. Abstr.) **(Fre)**

[New local treatment of ulcers of the lower limb] de la Brassinne M, et al. **Rev Med Liege** 1985 May 1;40(9):358–9 **(Fre)**

[Current therapeutic guidelines and differential diagnosis of venous leg ulcers] Schultz-Ehrenburg U. **Hautarzt** 1985 Apr;36(4):212–7 (Eng. Abstr.) **(Ger)**

[Lumbar sympathectomy for venostatic leg ulcer] Deviri E, et al. **Harefuah** 1984 Nov 1;107(9):239–41 (Eng. Abstr.) **(Heb)**

[Treatment of chronic ulcerative-vegetative pyoderma with ericyclin and levamisole] Bukharovich AM, et al. **Vestn Dermatol Venerol** 1985 May;(5):62–4 (Eng. Abstr.) **(Rus)**

LEGAL GUARDIANS

Limits of guardian treatment refusal: a reasonableness standard. Veatch RM. **Am J Law Med** 1984 Winter;9(4):427–68

Grandparent visitation rights: rendering family dissension more pronounced? Derdeyn AP. **Am J Orthopsychiatry** 1985 Apr;55(2):277–87

Court orders and custody evaluations in Israel. Schindler R. **Child Welfare** 1985 Jul-Aug;64(4):383–93

The clinician's role in protecting patients' rights in guardianship proceedings. Pleak RR, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):77–9

PSYCHOLOGY

Attitudes of parents/guardians of mentally retarded former state hospital residents toward current community placement. Rudie F, et al. **Am J Ment Defic** 1984 Nov;89(3):295–7

Impasses to the resolution of custody and visitation disputes. Johnston JR, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):112–29

Shared parenting: an empirical analysis utilizing a large data base. Irving HH, et al. **Fam Process** 1984 Dec;23(4):561–9

The single-parent family: an author's reflection. Morawetz A. **Fam Process** 1984 Dec;23(4):571–6

Mmpi characteristics of parents referred for child-custody studies. Ollendick DG, et al. **J Psychol** 1984 Jul;117(2D Half):227–32

LEGAL MEDICINE see **FORENSIC MEDICINE**

LEGG-PERTHES DISEASE see under **FEMUR HEAD NECROSIS**

LEGHEMOGLOBIN see under **HEMEPROTEINS**

LEGIONELLA

Legionella pneumophila pericarditis without pneumonia. Nelson DP, et al. **Arch Intern Med** 1985 May;145(5):926

Cardiac legionellosis [editorial] Nelson DP, et al. **Chest** 1984 Dec;86(6):807–8

Legionella pneumophila in aerosols from shower baths. Dennis PJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):349–53

Legionella lung abscess after renal transplantation. Bauling PC, et al. **J Infect** 1985 Jul;11(1):51–5

[Legionella pneumophila—a new etiological factor in pneumonia] Goralewska A, et al. **Wiad Lek** 1985 Mar 15;38(6):437–40 (Eng. Abstr.) **(Pol)**

ANALYSIS

Disulfide-bonded outer membrane proteins in the genus Legionella. Butler CA, et al. **Infect Immun** 1985 Apr;48(1):14–8

Purification of Legionella pneumophila major outer membrane protein and demonstration that it is a porin. Gabay JE, et al. **J Bacteriol** 1985 Apr;162(1):85–91

Isolation and characterization of the cytoplasmic and outer membranes of the Legionnaires' disease bacterium (Legionella pneumophila). Gabay JE, et al. **J Exp Med** 1985 Feb 1;161(2):409–22

CLASSIFICATION

A new biotype of Legionella dumoffii. Edelstein PH, et al. **J Clin Microbiol** 1985 Apr;21(4):641–2

Confirmation of Legionella pneumophila cultures with a fluorescein-labeled monoclonal antibody. Tenover FC, et al. **J Clin Microbiol** 1985 Jun;21(6):983–4

Second serogroup of Legionella feeleii strains isolated from humans. Thacker WL, et al. **J Clin Microbiol** 1985 Jul;22(1):1–4

Serogrouping of Legionella pneumophila by double diffusion and counter immunoelectrophoresis. Holliday MG, et al. **J Clin Pathol** 1984 Nov;37(11):1308–10

Correlation of subtypes of Legionella pneumophila defined by monoclonal antibodies with epidemiological classification of cases and environmental sources. Joly JR, et al. **J Infect Dis** 1984 Nov;150(5):667–71

Subtypes of Legionella pneumophila defined by monoclonal antibodies [letter] Vogt RL. **J Infect Dis** 1985 May;151(5):976

Comparison of strains of Legionella pneumophila serogroup 1 isolated in four Amsterdam hospitals from patients and hot-water supplies. Zanen-Lim OG, et al. **J Infect Dis** 1984 Oct;150(4):508–12

A staphylococcal coagglutination test for detecting and serogrouping Legionella pneumophila. Yoh M, et al. **Microbiol Immunol** 1985;29(5):413–9

[Differentiation of Legionella pneumophila serotypes using isoelectric focusing of free proteins] Schindler J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1984 Nov;33(6):346–51 (Eng. Abstr.) **(Cze)**

[Legionella infections in the Paris area. Predominance of serogroup 1 Legionella pneumophila infections (letter)] Dournon E, et al. **Presse Med** 1985 May 4;14(18):1040 **(Fre)**

[Legionella infections in the Paris area. Diversity of implicated species (letter)] Lebrun L, et al. **Presse Med** 1984 Nov 24;13(42):2583 **(Fre)**

DRUG EFFECTS

Isolation and preliminary characterization of erythromycin-resistant variants of Legionella micdadei and Legionella pneumophila. Dowling JN, et al. **Antimicrob Agents Chemother** 1985 Feb;27(2):272–4

Bactericidal activity of antibiotics against Legionella micdadei (Pittsburgh pneumonia agent). Dowling JN, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):272–6

Susceptibility of Legionella pneumophila to ofloxacin in vitro and in experimental Legionella pneumonia in guinea pigs. Saito A, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):15–20

Response of Legionella pneumophila to beta-lactam antibiotics. Weisholtz S, et al. **Antimicrob Agents Chemother** 1985 May;27(5):695–700

Enhanced chlorine resistance of tap water-adapted Legionella pneumophila as compared with agar medium-passaged strains. Kuchta JM, et al. **Appl Environ Microbiol** 1985 Jul;50(1):21–6

The in vitro activity of sulphones alone and in combination with ampicillin or amoxicillin against Legionella pneumophila and other Legonella spp. including beta-lactamase studies. Jones RN, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):179–83

Susceptibility of Legionella spp. to quinolone derivatives and related organic acids [letter] Ruckdeschel G, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):373

Susceptibility of Legionella spp. to imipenem and 27 other beta-lactam antibiotics. Ruckdeschel G, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):463–7

Determination of the activity on Legionella of eight macrolides and related agents by comparative testing on three media. Bornstein N, et al. **J Antimicrob Chemother** 1985 Jan;15(1):17–22

In-vitro sensitivity of legionelas, meningococci and mycoplasmas to ciprofloxacin and enoxacin [letter] Fallon RJ, et al. **J Antimicrob Chemother** 1985 Jun;15(6):787–9

Morphological response and growth characteristics of Legionella pneumophila exposed to ampicillin and erythromycin. Elliott TS, et al. **J Med Microbiol** 1985 Jun;19(3):383–90

ENZYMOLOGY

Determination of catalase, peroxidase, and superoxide dismutase within the genus Legonella. Pine L, et al. **J Clin Microbiol** 1984 Sep;20(3):421–9

GENETICS

Conjugation-mediated genetic exchange in Legionella pneumophila. Dreyfus LA, et al. **J Bacteriol** 1985 Jan;161(1):80–4

Broad-host-range plasmid pRK340 delivers Tn5 into the Legionella pneumophila chromosome. Keen MG, et al. **J Bacteriol** 1985 Jun;162(3):1332–5

Genetic structure of populations of Legionella pneumophila. Selander RK, et al. **J Bacteriol** 1985 Sep;163(3):1021–37

DNA probe specific for Legionella pneumophila. Grimont PA, et al. **J Clin Microbiol** 1985 Mar;21(3):431–7

Molecular epidemiology of Legionella pneumophila serogroup 1. van Ketel RJ, et al. **J Clin Microbiol** 1984 Sep;20(3):362–4

Plasmid transfer into members of the family Legionellaceae. Chen GC, et al. **J Infect Dis** 1984 Oct;150(4):513–6

GROWTH & DEVELOPMENT

Growth of Legionella pneumophila in continuous culture. Berg JD, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1534–7

Tatlockia micdadei (Pittsburgh pneumonia agent) growth kinetics may explain its infrequent isolation from water and the low prevalence of Pittsburgh pneumonia. Best MG, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1521–2

Effect of non-Legionellaceae bacteria on the multiplication of Legionella pneumophila in potable water. Wadowsky RM, et al. **Appl Environ Microbiol** 1985 May;49(5):1206–10

Substrate utilization by Legionella cells after cryopreservation in phosphate buffer. Weiss E, et al. **Appl Environ Microbiol** 1984 Aug;48(2):380–5

Colonization of components of a model hot water system by Legionella pneumophila. Schofield GM, et al. **J Appl Bacteriol** 1985 Feb;58(2):151–62

Adhesion, penetration and intracellular replication of Legionella pneumophila: an in vitro model of pathogenesis. Oldham LJ, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):697–706

[The influence of surfactant (Tween) to the growth and producing activity of esterase of Legionella species and Legionella-like organisms] Sawatari K, et al. **Kansenshogaku Zasshi** 1984 Nov;58(11):1161–9 (Eng. Abstr.) **(Jpn)**

[Cultivation characteristics of Legionella pneumophila in a liquid medium] Kostiuchenko VI, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):36–9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Comparison of a micro-agglutination test and the indirect immunofluorescence test for Legionella antibodies in patients. Lind K, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug;92(4):195–9

Immune responses to Legionella pneumophila in athymic nude rats. Rolstad B. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct;92(5):233–6

Serologic evidence of Legionella infection in horses. Cho SN, et al. **Am J Vet Res** 1984 Dec;45(12):2600–2

Serum antibodies to Legionella agents in bronchial asthma. Beer S, et al. **Arch Dis Child** 1985 Mar;60(3):225–30

Immunomodulating properties by Legionella organisms: an approach for antitumor perspectives? [letter] Fumarola D. **Boll Ist Sieroter Milan** 1984;63(5):483–4

Standardization for diagnostic purposes of a monoclonal antibody against Legionella pneumophila. Petitjean F, et al. **Dev Biol Stand** 1984;57:99–105

Opsonization of Legionella pneumophila in human serum: key roles for specific antibodies and the classical complement pathway. Verbrugh HA, et al. **Immunology** 1985 Apr;54(4):643–53

Kinetics and characterization of interferon production by murine spleen cells stimulated with Legionella pneumophila antigens. Blanchard DK, et al. **Infect Immun** 1985 Sep;49(3):719–23

Identification of protein antigens of Legionella pneumophila serogroup 1. Pearlman E, et al. **Infect Immun** 1985 Jan;47(1):74–9

Opsonic requirements for phagocytosis of Legionella micdadei by polymorphonuclear leukocytes. Steffensen DO, et al. **Infect Immun** 1985 Sep;49(3):695–9

Interaction of Legionella micdadei with human monocytes. Weinbaum DL, et al. **Infect Immun** 1984 Oct;46(1):68–73

Legionella pneumophila surface antigens cloned and expressed in Escherichia coli are translocated to the host cell surface and interact with specific anti-Legionella antibodies. Engleberg NC, et al. **J Bacteriol** 1984 Oct;160(1):199–203

Detection of soluble Legionella pneumophila antigens in serum and urine specimens by enzyme-linked immunosorbent assay with monoclonal and polyclonal antibodies. Bibb WF, et al. **J Clin Microbiol** 1984 Sep;20(3):478–82

Use of monoclonal antibodies in an epidemiological marker system: a retrospective study of lung specimens from the 1976 outbreak of Legionnaires disease in Philadelphia by indirect fluorescent-antibody and enzyme-linked immunosorbent assay methods. Brown SL, et al. **J Clin Microbiol** 1985 Jan;21(1):15–9

Identification of a species-specific antigen in Legionella pneumophila by a monoclonal antibody. Gosting LH, et al. **J Clin Microbiol** 1984 Dec;20(6):1031–5

Onset and duration of urinary antigen excretion in Legionnaires disease. Kohler RB, et al. **J Clin Microbiol** 1984 Oct;20(4):605–7

Comparison of phenol- and heat-killed antigens in the indirect immunofluorescence test for serodiagnosis of Legionella pneumophila group 1 infections. Pastoris MC, et al. **J Clin Microbiol** 1984 Oct;20(4):780–3

Legionella and the enterobacterial common antigen. LaScolea LS, et al. **J Med** 1984;15(5–6):437–40

False-positive direct fluorescent antibody testing for Legionella [letter] Johnson DA, et al. **JAMA** 1985 Jan 4;253(1):40–1

Production of monoclonal antibodies against Legionella pneumophila serogroup 1. Miyazaki T, et al. **Microbiol Immunol** 1985;29(3):275–84

Seroepidemiology of Legionella pneumophila serogroup 1 in healthy residents of New York City. Poshni IA, et al. **NY State J Med** 1985 Jan;85(1):10–4

Lipopolysaccharide of Legionella as adjuvant for intrinsic and extrinsic antigens. Wong KH, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):475–81

Acute pancreatitis possibly caused by Legionella micdadei. Arneborn P, et al. **Scand J Infect Dis** 1985;17(2):229–31

[A survey on the antibody level against Legionella pneumophila among adults in the Nanjing area] Li N. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug

5(4):193–4 (Eng. Abstr.) **(Chi)**

[Use of ELISA in detecting antibodies against L. pneumophila serogroup 1 in 195 healthy persons in Tianjin] Wan CQ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun;6(3):139–40 (Eng. Abstr.) **(Chi)**

[Detection of urinary Legionella antigen by radioimmunoassay. 1. Method and basic studies] Jibiki K, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):1–8 (Eng. Abstr.) **(Jpn)**

[Detection of urinary Legionella antigen by radioimmunoassay. 2. A clinical case] Kumada T, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):9–13 (Eng. Abstr.) **(Jpn)**

[Prevalence of antibodies to Legionella pneumophila in healthy adults and hospitalized patients with respiratory diseases in Okayama Prefecture] Nakahama C, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):373–80 (Eng. Abstr.) **(Jpn)**

[Legionella pneumophila infection. Studies on the host defense mechanism to aerosol challenge with L. pneumophila] Watanabe M, et al. **Rinsho Byori** 1985 Jun; 33(6):618–22 **(Jpn)**

ISOLATION & PURIFICATION

Comparison of media for recovery of clinical isolates of Legionella pneumophila. Keathley JD, et al. **Am J Clin Pathol** 1985 Apr;83(4):498–9

Cutaneous abscess caused by Legionella micdadei in an immunosuppressed patient. Ampel NM, et al. **Ann Intern Med** 1985 May;102(5):630–2

Waterborne Legionella bozemanii and nosocomial pneumonia in immunosuppressed patients. Parry MF, et al. **Ann Intern Med** 1985 Aug;103(2):205–10

Role of stagnation and obstruction of water flow in isolation of Legionella pneumophila from hospital plumbing. Ciesielski CA, et al. **Appl Environ Microbiol** 1984 Nov; 48(5):984–7

Legionella anisa: a new species of Legionella isolated from potable waters and a cooling tower. Gorman GW, et al. **Appl Environ Microbiol** 1985 Feb;49(2):305–9

Isolation of Legionella species from drinking water. Hsu SC, et al. **Appl Environ Microbiol** 1984 Oct;48(4):830–2

Application of flow cytometry to detection and characterization of Legionella spp. Tyndall RL, et al. **Appl Environ Microbiol** 1985 Apr;49(4):852–7

Effect of temperature, pH, and oxygen level on the multiplication of naturally occurring Legionella pneumophila in potable water. Wadowsky RM, et al. **Appl Environ Microbiol** 1985 May;49(5):1197–205

Isolation of Legionella pneumophila serogroup 6 in Australia [letter] Boquest AL, et al. **Aust NZ J Med** 1985 Feb; 15(1):86

Legionella pneumophila and water temperatures in Australian hospitals. Peel MM, et al. **Aust NZ J Med** 1985 Feb;15(1):38–41

Legionnaires' disease in the immunocompromised host: usefulness of Gram's stain. Baptiste-Desruisseaux D, et al. **Can Med Assoc J** 1985 Jul 15;133(2):117–8

Legionella and domestic water heaters in the Quebec City area. Joly J. **Can Med Assoc J** 1985 Jan 15;132(2):160

Isolation of Legionella pneumophila from the blood of a patient with Legionnaires' disease. Martin RS, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1085–7

A comparative study of Legionella micdadei and other nosocomial acquired pneumonia. Rudin JE, et al. **Chest** 1984 Nov;86(5):675–80

Isolation of Legionella anisa from a hospital hot water system. Bornstein N, et al. **Eur J Clin Microbiol** 1985 Jun; 4(3):327–30

Isolation of Legionella pneumophila serogroup 1 from a fatal case of pneumonia in Israel. Bercovier H, et al. **Isr J Med Sci** 1984 Nov;20(11):1109–11

A note on legionellas in whirlpools. Groothuis DG, et al. **J Appl Bacteriol** 1985 May;58(5):479–81

Legionella oakridgensis: laboratory diagnosis of a human infection. Tang PW, et al. **J Clin Microbiol** 1985 Mar; 21(3):462–3

Identification of 22 Legionella species and 33 serogroups with the slide agglutination test. Thacker WL, et al. **J Clin Microbiol** 1985 May;21(5):779–82

A rapid coagglutination test for the detection and serogrouping of Legionellae. Tsanev N, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):303–8

Prevalence and significance of Legionella pneumophila contamination of residential hot-tap water systems. Arnow PM, et al. **J Infect Dis** 1985 Jul;152(1):145–51

Water-related nosocomial pneumonia caused by Legionella pneumophila serogroups 1 and 10. Meenhorst PL, et al. **J Infect Dis** 1985 Aug;152(2):356–64

Legionella pneumonia in chronic granulomatous disease. Peerless AG, et al. **J Pediatr** 1985 May;106(5):783–5

Legionella in power station cooling waters [letter] Bonnell JA, et al. **Lancet** 1985 Aug 10;2(8450):327–8

Engraving and risk of legionellosis [letter] Schofield GM, et al. **Lancet** 1985 May 11;1(8437):1101

An unusual legionellosis case yields the first New Zealand isolation of Legionella dumoffii [letter] Badham NR, et al. **NZ Med J** 1985 Mar 27;98(775):204

Incidence of Legionella organisms in selected Ontario (Canada) cities. Dutka BJ, et al. **Sci Total Environ** 1984 Nov;39(3):237–49

[Survey of Legionella in the Parisian environment. Practical implications] Desplaces N, et al. **Presse Med** 1984 Sep 15; 13(31):1875–9 (Eng. Abstr.) **(Fre)**

[Wadowsky-Yee-Okuda (WYO) medium: a new selective medium for the isolation of Legionellae strains from environmental water specimens] Okuda K, et al. **Kansenshogaku Zasshi** 1984 Oct;58(10):1073–82 (Eng. Abstr.) **(Jpn)**

[Legionella pneumophila infection] Sawatari K, et al. **Rinsho Byori** 1985 Jun;33(6):606–17 (36 ref.) **(Jpn)**

METABOLISM

Production of extracellular hemolytic cytotoxin by Legionella bozemanii. Frisch CF, et al. **Microbiol Immunol** 1984;28(11):1267–72

PATHOGENICITY

Difference in virulence of environmental isolates of Legionella pneumophila. Bollin GE, et al. **J Clin Microbiol** 1985 May;21(5):674–7

A comparison of virulence of two strains of Legionella pneumophila based on experimental aerosol infection of guinea-pigs. Jepras RI, et al. **J Hyg (Lond)** 1985 Aug; 95(1):29–38

Defective triggering of polymorphonuclear leukocyte oxidative metabolism by Legionella pneumophila toxin. Lochner JE, et al. **J Infect Dis** 1985 Jan;151(1):42–6

[Studies on the pathogenicity of Legionella pneumophila after aerosol exposure in animal models with special reference to production of an experimental pneumonia] Watanabe M. **Kansenshogaku Zasshi** 1985 Apr;59(4):342–54 (Eng. Abstr.) **(Jpn)**

[Legionella pneumophila--an etiological factor in 'Legionnaires' disease'] Wicińska M. **Postepy Hig Med Dosw** 1984 Mar-Apr;38(2):125–32 (30 ref.) (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

Ecology of Legionella pneumophila within water distribution systems. Stout JE, et al. **Appl Environ Microbiol** 1985 Jan; 49(1):221–8

Legionella pneumophila inhibits acidification of its phagosome in human monocytes. Horwitz MA, et al. **J Cell Biol** 1984 Dec;99(6):1936–43

RADIATION EFFECTS

Sensitivity of Legionella pneumophila to sunlight in fresh and marine waters. Dutka BJ. **Appl Environ Microbiol** 1984 Nov;48(5):970–4

Photoreactivation of UV-irradiated Legionella pneumophila and other Legionella species. Knudson GB. **Appl Environ Microbiol** 1985 Apr;49(4):975–80

ULTRASTRUCTURE

Glycocalyx and ruthenium red labeling of Legionella pneumophila [letter] Rodgers FG, et al. **J Clin Microbiol** 1984 Dec;20(6):1228–9

LEGIONNAIRES' DISEASE

Ill winds and troubled waters: selected whiffs of legionellosis. Baine WB. **Ann Ist Super Sanita** 1983;19(2–3):215–40 (219 ref.)

[Legionnaires' disease in a 37-year-old man] Stańkova M, et al. **Cas Lek Cesk** 1985 Jun 7;124(23):721–3 (Eng. Abstr.) **(Cze)**

[Pneumonias caused by legionellas. Pathogenesis, epidemiology and clinical course] Krech T, et al. **Internist (Berlin)** 1985 Jun;26(6):321–7 (12 ref.) **(Ger)**

[Legionelloses in children] Spalekova M. **Cesk Pediatr** 1985 Mar;40(3):166–9 (Eng. Abstr.) **(Slo)**

BLOOD

Clinical chemical responses to experimental airborne legionellosis in the guinea-pig. Hambleton P, et al. **Br J Exp Pathol** 1985 Apr;66(2):173–83

COMPLICATIONS

Neurogenic bladder. New clinical finding in Legionnaires' disease. Bernardini DL, et al. **Am J Med** 1985 Jun;78(6 Pt 1):1045–6

Ocular and pericardial involvement in Legionnaires' disease. Friedland L, et al. **Am J Med** 1984 Dec;77(6):1105–7

Sinusitis caused by Legionella pneumophila in a patient with the acquired immune deficiency syndrome. Schlanger G, et al. **Am J Med** 1984 Nov;77(5):957–60

Legionnaires' disease associated with rash and renal failure. Allen TP, et al. **Arch Intern Med** 1985 Apr;145(4):729–30

Rapidly progressive glomerulonephritis accompanying Legionnaires' disease. Wegmüller E, et al. **Arch Intern Med** 1985 Sep;145(9):1711–3

Rhabdomyolysis, acute renal failure and Legionnaires' disease. Brivet F, et al. **Chest** 1984 Dec;86(6):943–4

Legionnaires' disease associated with acute renal failure: a report of two cases and review of the literature. Fenves AZ. **Clin Nephrol** 1985 Feb;23(2):96–100 (14 ref.)

Pulmonary cavitation, fibrosis and Legionnaires' disease. Hughes JA, et al. **Eur J Respir Dis** 1985 Jan;66(1):59–61

Acute pancreatitis in Legionnaires' disease. Michel O, et al. **Eur J Respir Dis** 1985 Jan;66(1):62–4

Isolation of Legionella pneumophila serogroup 1 from a fatal case of pneumonia in Israel. Bercovier H, et al. **Isr J Med Sci** 1984 Nov;20(11):1109–11

Effect of prior influenza virus infections on susceptibility of AKR/J mice to respiratory challenge with Legionella pneumophila. Berendt RF, et al. **J Lab Clin Med** 1985 Jan; 105(1):124–31

Legionella causing rhabdomyolysis and renal failure [letter] Smeal WE, et al. **Postgrad Med** 1985 Aug;78(2):42, 44

Mesangial proliferative glomerulonephritis with Legionnaires' disease. A case report. Hariparsad D, et al. **S Afr Med J** 1985 Apr 20;67(16):649–50

[Muscular involvement in Legionnaires' disease. Review of the literature apropos of 2 cases] Riou B, et al. **Rev Med Interne** 1985 Mar;6(2):105–10 (Eng. Abstr.) **(Fre)**

[A case of Legionnaires' disease and Branhamella catarrhalis pneumonia complicated with malignant lymphoma] Nagasawa M, et al. **Kansenshogaku Zasshi** 1984 Sep; 58(9):936–42 (Eng. Abstr.) **(Jpn)**

[Myocarditis in legionnaires' disease] Gutiérrez Rodero F, et al. **Med Clin (Barc)** 1985 May 18;84(19):784–6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Legionella pneumonia--a neglected diagnosis? Frøland SS. **Acta Otolaryngol [Suppl] (Stockh)** 1984;407:55–8

A pseudoepidemic of Legionella infections. Ristagno RL, et al. **Chest** 1985 Sep;88(3):466–7

Bronchiolitis obliterans caused by Legionella pneumophila. Sato P, et al. **Chest** 1985 Jun;87(6):840–2

Standardization for diagnostic purposes of a monoclonal antibody against Legionella pneumophila. Petitjean F, et al. **Dev Biol Stand** 1984;57:99–105

Legionnaire's disease: current concepts in recognition, diagnosis, and treatment. Sisam DA, et al. **J Am Osteopath Assoc** 1985 Feb;85(2):103–9 (47 ref.)

Use of monoclonal antibodies in an epidemiological marker system: a retrospective study of lung specimens from the 1976 outbreak of Legionnaires disease in Philadelphia by indirect fluorescent-antibody and enzyme-linked immunosorbent assay methods. Brown SL, et al. **J Clin Microbiol** 1985 Jan;21(1):15–9

Comparison of phenol- and heat-killed antigens in the indirect immunofluorescence test for serodiagnosis of Legionella pneumophila group 1 infections. Pastoris MC, et al. **J Clin Microbiol** 1984 Oct;20(4):780–3

Production of monoclonal antibodies against Legionella pneumophila serogroup 1. Miyazaki T, et al. **Microbiol Immunol** 1985;29(3):275–84

Clinical features of sporadic Legionella pneumophila pneumonia. Derksen J, et al. **Neth J Med** 1985;28(7):273–80

Bronchial lavage and transbronchial lung biopsy in the diagnosis of Legionnaires' disease. Chiodini PL, et al. **Thorax** 1985 Feb;40(2):154–5

[Infections caused by legionellas--clinical aspects, microbiology, epidemiology, diagnosis, pathogenesis and therapy] Zotz RB, et al. **Prax Klin Pneumol** 1984 Nov; 38(11):483–90 **(Ger)**

[Clinical-roentgenologic characteristics of legionnaires' disease (legionellosis)] Rozenštrauch LS, et al. **Radiol Diagn (Berl)** 1984;25(6):769–83 (Eng. Abstr.) **(Ger)**

[Detection of urinary Legionella antigen by radioimmunoassay. 1. Method and basic studies] Jibiki K, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):1–8 (Eng. Abstr.) **(Jpn)**

[Detection of urinary Legionella antigen by radioimmunoassay. 2. A clinical case] Kumada T, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):9–13 (Eng. Abstr.) **(Jpn)**

[Legionnaires' disease in Japan] Saito A. **Nippon Rinsho** 1984 Nov;42(11):2582–95 (72 ref.) **(Jpn)**

[Legionnaires' disease (morbus legionorum)] Bednarski Z. **Wiad Lek** 1984 Oct 15;37(20):1599–604 (23 ref.) (Eng. Abstr.) **(Pol)**

[Clinical aspects and treatment of severe Legionnaires' pneumonia] Ermakov EV, et al. **Ter Arkh** 1985;57(3):118–9 (Eng. Abstr.) **(Rus)**

[Rapid diagnosis in a case of Legionnaires' disease using transthoracic puncture-aspiration and bronchio-alveolar lavage (letter)] Herrero Albiñana D, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):459–60 **(Spa)**

[Reflections in regard to Legionnaires' disease. Apropos of a case] Conde Yagüe R, et al. **Rev Clin Esp** 1984 Oct 31; 175(2):109–11 **(Spa)**

DRUG THERAPY

Antimicrobial therapy of experimentally induced Legionnaires' disease in guinea pigs. Edelstein PH, et al. **Am Rev Respir Dis** 1984 Nov;130(5):849–56

Studies on ciprofloxacin therapy of experimental Legionnaires' disease. Fitzgeorge RB, et al. **J Infect** 1985 May;10(3):194–203

The effect of antibiotics on the growth of Legionella pneumophila in guinea-pig alveolar phagocytes infected in vivo by an aerosol. Fitzgeorge RB. **J Infect** 1985 May; 10(3):189–93

Failure of erythromycin/rifampicin treatment of legionella pneumonia [letter] Mercatello A, et al. **J Infect** 1985 May; 10(3):282–3

Sulfamethoxazole-trimethoprim treatment of guinea pigs infected with Legionella pneumophila. Plouffe JF, et al. **J Infect Dis** 1984 Nov;150(5):780-2

Imipenem in Legionnaires' disease [letter] Edelstein PH. **Lancet** 1984 Sep 29;2(8405):757

Efficacy of imipenem in experimental Legionnaires' disease [letter] Fitzgeorge RB, et al. **Lancet** 1985 Mar 16; 1(8429):633-4

Treatment of pneumonia with imipenem/cilastatin. Beasley CR, et al. **NZ Med J** 1985 Jun 26;98(781):494-7

ETIOLOGY

Legionnaires' disease after heart transplantation. Fuller J, et al. **Ann Thorac Surg** 1985 Apr;39(4):308-11

Legionella and Legionnaires' disease: a review with emphasis on environmental studies and laboratory diagnosis. Winn WC Jr. **CRC Crit Rev Clin Lab Sci** 1985;21(4):323-81 (342 ref.)

Legionnaires' disease: seeking a wider source [letter] Hoyle F, et al. **Lancet** 1985 May 25;1(8439):1216-7

Legionnaires' disease in a renal transplant recipient. Harris DC, et al. **Med J Aust** 1984 Aug 18;141(4):241-2

[Tricholeukocytic leukemia disclosed during Legionella pneumophila pneumonia (letter)] Bergmann JF, et al. **Presse Med** 1984 Oct 27;13(38):2323-4 **(Fre)**

[Legionellosis in the acquired immunodeficiency syndrome (letter)] Guenot O, et al. **Presse Med** 1984 Oct 6; 13(35):2150-1 **(Fre)**

[Pneumocystis carinii diffuse alveolo-interstitial pneumopathy and Legionella pneumophila infection in an immunosuppressed child (letter)] Sardet A, et al. **Presse Med** 1984 Nov 10;13(40):2454 **(Fre)**

[The first case of Legionella longbeachae pneumonia in Japan] Irie S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):518-22 (Eng. Abstr.) **(Jpn)**

[Legionella pneumophila--an etiological factor in 'Legionnaires' disease'] Wicinska M. **Postepy Hig Med Dosw** 1984 Mar-Apr;38(2):125-32 (30 ref.) (Eng. Abstr.) **(Pol)**

[Legionellosis] Ispas LT, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct-Dec;33(4):289-95 (43 ref.) **(Rum)**

IMMUNOLOGY

Legionnaires' disease and hairy-cell leukemia. An unfortuitous association? Cordonnier C, et al. **Arch Intern Med** 1984 Dec;144(12):2373-5

Non-specific protection against pulmonary Legionella pneumophila infection in guinea-pigs immunized and challenged with mycobacteria. Gibson DH, et al. **Br J Exp Pathol** 1985 Jun;66(3):333-44

Onset and duration of urinary antigen excretion in Legionnaires disease. Kohler RB, et al. **J Clin Microbiol** 1984 Oct;20(4):605-7

Serological differences in Legionella pneumophila infections. Plouffe JF, et al. **J Clin Microbiol** 1984 Dec;20(6):1223-4

[Legionella pneumophila infection. Studies on the host defense mechanism to aerosol challenge with L. pneumophila] Watanabe M, et al. **Rinsho Byori** 1985 Jun; 33(6):618-22 **(Jpn)**

MICROBIOLOGY

Legionnaires' disease in the immunocompromised host: usefulness of Gram's stain. Baptiste-Desruisseaux D, et al. **Can Med Assoc J** 1985 Jul 15;133(2):117-8

Isolation of Legionella pneumophila from the blood of a patient with Legionnaires' disease. Martin RS, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1085-7

Second serogroup of Legionella feeleii strains isolated from humans. Thacker WL, et al. **J Clin Microbiol** 1985 Jul; 22(1):1-4

Molecular epidemiology of Legionella pneumophila serogroup 1. van Ketel RJ, et al. **J Clin Microbiol** 1984 Sep;20(3):362-4

A comparison of virulence of two strains of Legionella pneumophila based on experimental aerosol infection of guinea-pigs. Jepras RI, et al. **J Hyg (Lond)** 1985 Aug; 95(1):29-38

Correlation of subtypes of Legionella pneumophila defined by monoclonal antibodies with epidemiological classification of cases and environmental sources. Joly JR, et al. **J Infect Dis** 1984 Nov;150(5):667-71

Subtypes of Legionella pneumophila defined by monoclonal antibodies [letter] Vogt RL. **J Infect Dis** 1985 May; 151(5):976

False-positive direct fluorescent antibody testing for Legionella [letter] Johnson DA, et al. **JAMA** 1985 Jan 4; 253(1):40-1

An unusual legionellosis case yields the first New Zealand isolation of Legionella dumoffii [letter] Badham NR, et al. **NZ Med J** 1985 Mar 27;98(775):204

[Legionella infections in the Paris area. Diversity of implicated species (letter)] Lebrun L, et al. **Presse Med** 1984 Nov 24;13(42):2583 **(Fre)**

[Legionella gormanii Legionnaires' disease? (letter)] Lucht F, et al. **Presse Med** 1984 Nov 3;13(39):2391 **(Fre)**

[Legionella pneumophila infection] Sawatari K, et al. **Rinsho Byori** 1985 Jun;33(6):606-17 (36 ref.) **(Jpn)**

[Legionella pneumophila--a new etiological factor in pneumonia] Goralewska A, et al. **Wiad Lek** 1985 Mar 15; 38(6):437-40 (Eng. Abstr.) **(Pol)**

OCCURRENCE

Nosocomial Legionnaires' disease in the Quebec City area. Joly J. **Can Med Assoc J** 1985 Jan 15;132(2):159-60

Legionnaires' disease in north-western Greece [letter] Constantopoulos SH, et al. **Eur J Clin Microbiol** 1984 Oct; 3(5):445-6

Leads from the MMWR. Legionellosis--Staffordshire, England, and Wayne County, Michigan. **JAMA** 1985 Jul 19;254(3):343-4

Inquiry into the outbreak of legionnaire's disease. **Lancet** 1985 May 18;1(8438):1169-70

Legionnaires' disease in Staffordshire [letter] Staniland JR, et al. **Lancet** 1985 Jun 8;1(8441):1329

Legionellosis--Staffordshire, England, and Wayne County, Michigan. **MMWR** 1985 Jun 14;34(23):344, 349-50

Seroepidemiology of Legionella pneumophila serogroup 1 in healthy residents of New York City. Poshni IA, et al. **NY State J Med** 1985 Jan;85(1):10-4

[Legionnaires' disease among Dutch tourists in a hotel in Pineda de Mar, Spain] Bijkerk H, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):918-20 **(Dut)**

[Legionnaires' disease 8 years after the epidemic in Philadelphia] Dournon E. **Presse Med** 1984 Sep 15; 13(31):1873-4 **(Fre)**

[Legionnaires' disease: 21 cases observed over 2.5 years in a Parisian respiratory intensive care unit] Carette MF, et al. **Rev Pneumol Clin** 1985;41(2):107-13 (Eng. Abstr.) **(Fre)**

[Legionellosis in Italy, January 1979-September 1982] Rosmini F, et al. **Ann Ist Super Sanita** 1983;19(2-3):335-7 (Eng. Abstr.) **(Ita)**

[5 cases of Legionella pneumopathy from various districts (letter)] Morini A. **Minerva Med** 1984 Sep 8;75(34):1968 **(Ita)**

[Legionellosis in Brazil: a serological survey among blood donors and personnel of intensive care units of 3 São Paulo hospitals] Veronesi R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov-Dec; 39(6):257-9 (Eng. Abstr.) **(Por)**

[Legionnaires' disease in Alava (letter)] Ayensa Dean C, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):251-2 **(Spa)**

[Legionnaires' disease in Seville (letter)] Capote Gil F, et al. **Med Clin (Barc)** 1985 May 11;84(18):756-7 **(Spa)**

PATHOLOGY

Fatal Legionnaires' disease coincident with initiation of immunosuppressive therapy. Sheldon PA, et al. **Arch Intern Med** 1985 Jun;145(6):1138-9

Legionnaires' disease-associated neuropathy. Villoslada C, et al. **Arch Neurol** 1985 Aug;42(8):733

Medical grand rounds: a fatal case of pneumonia. Wetherill SF, et al. **Del Med J** 1985 Feb;57(2):79-84

[2 cases of legionellosis in Greek citizens] Kadiian K, et al. **Vutr Boles** 1985;24(3):114-8 (Eng. Abstr.) **(Bul)**

RADIOGRAPHY

Legionnaires' disease in the renal transplant patient: clinical presentation and radiographic progression. Moore EH, et al. **Radiology** 1984 Dec;153(3):589-93

Legionella pneumonia in children: radiological findings in a 3-year-old child. Iannaccone G, et al. **ROFO** 1985 Aug; 143(2):230-2

TRANSMISSION

Nosocomial legionellosis, Paris, France. Evidence for transmission by potable water. Neill MA, et al. **Am J Med** 1985 Apr;78(4):581-8

Legionella pneumophila in coal miners. Davies DH, et al. **Br J Ind Med** 1985 Jun;42(6):421-5

Isolation of Legionella pneumophila from the cold water of hospital ice machines: implications for origin and transmission of the organism. Stout JE, et al. **Infect Control** 1985 Apr;6(4):141-6

The problem of environmental Legionella. Winn WC Jr. **Infect Control** 1985 Apr;6(4):139-40

Nosocomial Legionnaires' disease. Epidemiologic demonstration of cooling towers as a source. Garbe PL, et al. **JAMA** 1985 Jul 26;254(4):521-4

Potable water as a source of Legionnaires' disease. Shands KN, et al. **JAMA** 1985 Mar 8;253(10):1412-6

Nosocomial legionellosis in surgical patients with head-and-neck cancer: implications for epidemiological reservoir and mode of transmission. Johnson JT, et al. **Lancet** 1985 Aug 10;2(8450):298-300

[Legionella pneumonia from the home water faucet] Rietra PJ, et al. **Ned Tijdschr Geneeskd** 1984 Sep 15; 128(37):1765-7 (Eng. Abstr.) **(Dut)**

LEGISLATION

Regulatory aspects of modifiers in carcinogenesis: an introduction. Sanner T. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 2:165-70

The impact of legal provisions on barroom behavior: toward an alcohol-problems prevention policy. Mosher JF. **Alcohol** 1984 May-Jun;1(3):205-11

Psychiatric diagnoses of Cuban refugees in the United States: findings of medical review boards. Boxer PA, et al. **Am J Psychiatry** 1985 Jan;142(1):86-9

ECT: please, no more regulations! [editorial] Greenblatt M. **Am J Psychiatry** 1984 Nov;141(11):1409-10

Medical, judicial, and statutory regulation of ECT in the United States. Winslade WJ, et al. **Am J Psychiatry** 1984 Nov;141(11):1349-55

Injury reduction by mandatory child passenger safety laws [editorial] Agran PF, et al. **Am J Public Health** 1985 Feb; 75(2):128-9

Government regulation of occupational safety: underground coal mine accidents 1973-75. Boden LI. **Am J Public Health** 1985 May;75(5):497-501

Grassroots environmentalism under legal attack: dandelions, pesticides, and a neighbor's right-to-know. Christoffel T. **Am J Public Health** 1985 May;75(5):565-7

Smoke detector legislation: its effect on owner-occupied homes. McLoughlin E, et al. **Am J Public Health** 1985 Aug;75(8):858-62

'One man's meat, another man's poison': two chapters in the history of public health [editorial] Ozonoff D. **Am J Public Health** 1985 Apr;75(4):338-40

Federal legislation recognizing psychology. DeLeon PH, et al. **Am Psychol** 1984 Sep;39(9):933-46

Legislative reform needed to strengthen obligations of driving [letter] Wilcox DE. **Ann Emerg Med** 1984 Dec; 13(12):1169-70

Costs of mandates for outpatient mental health care in private health insurance. Frisman LK, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):558-61

Medical cause versus legal cause. Gorman WF. **Ariz Med** 1985 Jan;42(1):27-8

Animal research: the law and ethics. Gracey JF. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):349-51

Fireworks. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1152

Legislation for smoking control in Western Australia. Musk AW, et al. **Br Med J [Clin Res]** 1985 May 25; 290(6481):1562-5

Safety belt coalition formed. Swan S. **Colo Med** 1984 Aug; 81(8):197-8

Usable knowledge and expertise: setting the agenda for tobacco reform. Peachment A. **Community Health Stud** 1984;8(3):317-22

Alcohol, law and public policy: historical foundations. Healey JM. **Conn Med** 1985 Feb;49(2):131

How a legislative bill becomes law. Sullivan RT Jr. **Conn Med** 1985 Apr;49(4):255-6

Evaluating the demographic impact of societal events through intervention analysis: the Brown vs. Board of Education decision. Hogan TD. **Demography** 1984 Nov; 21(4):673-82

Current legislation for development of substitutes for animals in research. Rodgers CF. **Fundam Appl Toxicol** 1984 Aug; 4(4):505-7

Redefining parenthood and protecting embryos: why we need new laws. Annas GJ. **Hastings Cent Rep** 1984 Oct; 14(5):50-2

Radiological sampling and analytical methods for National Primary Drinking Water Regulations. Blanchard RL, et al. **Health Phys** 1985 May;48(5):587-600

Regulatory development of the interim and revised regulations for radioactivity in drinking water--past and present issues and problems. Lappenbusch WL, et al. **Health Phys** 1985 May;48(5):535-51

Regulatory consideration in radiation protection. Mills WA. **Health Phys** 1985 May;48(5):701-4

Compliance and policy issues and recommendations related to revision of the National Interim Primary Drinking Water Regulations for Radionuclides. Regnier JE, et al. **Health Phys** 1985 May;48(5):695-9

Safety seat use in Indiana prior to mandatory legislation. Stroup KB, et al. **Indiana Med** 1984 Nov;77(11):866-9

The effect of seat belt legislation on a district general hospital. Dreghorn CR. **Injury** 1985 May;16(6):415-8

Adoption of the Uniform Alcoholism Act and the availability of alcoholism treatment programs: a state-by-state examination. Dunham RG, et al. **Int J Addict** 1985 Apr; 20(4):503-18

The legal diversification of optometry. Yarmovsky R. **J Am Optom Assoc** 1984 Sep;55(9):665-9

Infant tolling statutes in medical malpractice cases. State constitutional challenges. Andrews T. **J Leg Med (Chicago)** 1984 Sep;5(3):469-87 (111 ref.)

San Diego county's community right-to-know ordinance: case study of a local approach to hazardous substances control. Guidotti TL. **J Public Health Policy** 1984 Sep; 5(3):396-409

Legislated policies and recidivism for driving under the influence of liquor in Massachusetts. McCarty D, et al. **J Stud Alcohol** 1985 Mar;46(2):97-102

Leads from the MMWR. State legislation concerning use of safety belts--United States, 1985. **JAMA** 1985 Sep 13; 254(10):1290, 1295

Prosecution of injured drunk drivers [letter] Brandt A, et al. **JAMA** 1985 Jun 28;253(24):3550

The use and efficacy of child restraint devices. The Tennessee experience, 1982 and 1983. Decker MD, et al. **JAMA** 1984 Nov 9;252(18):2571-5

Bless the seats and the children: the physician and the legislative process [editorial] Sanders RS, et al. **JAMA** 1984 Nov 9;252(18):2613-4

Definition of impairment essential for prosecuting 'drunken drivers' [news] Ziporyn T. **JAMA** 1985 Jun 28; 253(24):3509-13, 3517

Seat belt sponsor Cruce on the new law and his job. Eberly

C. **Mich Med** 1985 Mar;84(3):176-7

Trauma prevention. The necessity of a seat belt restraint law in Minnesota. Mayron R. **Minn Med** 1985 Feb;68(2):95-6

State legislative activities concerning the use of seat belts--United States, 1985. **MMWR** 1985 Aug 23; 34(33):505-8, 513

Surrogacy falsely in the dock [editorial] **Nature** 1985 Jan 10-18;313(5998):83

Nuclear waste. EPA regulates at last [news] Beardsley T. **Nature** 1985 Aug 29-Sep 4;316(6031):757

Genetic manipulation: agency tries out regulations [news] Beardsley T. **Nature** 1984 Oct 25-31;311(5988):695

Toxic hazards in Britain [news] Chown M. **Nature** 1984 Sep 27-Oct 3;311(5984):290

Voluntary authority set up [news] Clarke M. **Nature** 1985 Apr 4-10;314(6010):397

Unborn children (protection) bill. Evans HJ, et al. **Nature** 1985 Mar 14-20;314(6007):127-8

European air pollution: Commissions's directive in balance [news] Lubinska A. **Nature** 1984 Nov 29-Dec 5; 312(5993):392

Despite pre-emption threat local right-to-know laws increase. McElveen JC Jr. **Occup Health Saf** 1985 Jan; 54(1):20-6

Firefighters face unknowns in right-to-know protection. Stroud R. **Occup Health Saf** 1985 Jun;54(6):18-22

Effects of Massachusetts raising its legal drinking age from 18 to 20 on deaths from teenage homicide, suicide, and nontraffic accidents. Hingson R, et al. **Pediatr Clin North Am** 1985 Feb;32(1):221-32

Legal approaches to injury prevention. Swartz EM. **Pediatr Clin North Am** 1985 Feb;32(1):213-9

Effectiveness of moped legislation [letter] Westman JA. **Pediatrics** 1985 Aug;76(2):331

Mandatory seatbelt law support and opposition in New England--a survey. Morelock S, et al. **Public Health Rep** 1985 Jul-Aug;100(4):357-63

Proposed addition of prohibited experiments to the NIH guidelines. **Recomb DNA Tech Bull** 1985 Mar;8(1):17-28

Congressional hearing on the adequacy of current statutes and scientific knowledge for the regulation of biotechnology. Milewski E. **Recomb DNA Tech Bull** 1985 Mar;8(1):7-16

Senate hearing on the potential environmental consequences of genetic engineering. Milweski E. **Recomb DNA Tech Bull** 1984 Dec;7(4):189-203

Basic principles of superfund litigation. Russell JH. **Regul Toxicol Pharmacol** 1985 Mar;5(1):38-45

Legal and political aspects of the regulation of chemicals: Swiss environmental protection law. Schmid G. **Regul Toxicol Pharmacol** 1985 Jun;5(2):145-51

Economic appraisal in occupational health and safety regulation. A study of some standard methods. Lindeneg K. **Scand J Soc Med** 1985;13(3):127-32

NIH bills moving through Congress [news] Culliton BJ. **Science** 1985 Jul 5;229(4708):33

The Retirement Equity AcT of 1984: a review. Donavan ET. **Soc Secur Bull** 1985 May;48(5):38-44

Sex education laws and policies. Roemer R, et al. **Stud Fam Plann** 1985 Jul-Aug;16(4):219-30

Lay midwives. Alt HA. **Tex Med** 1984 Nov;80(11):70-2

[Driving licence problems in diabetics. Rules, occurrence of accidents and legislation] Arnold DR. **Ugeskr Laeger** 1985 Jun 10;147(24):1951-5 (Eng. Abstr.) **(Dan)**

[Recommendation of the Public Health Council concerning contact lens specialists and the law on occupations within the personal health care field] Oosterhuis JA. **Ned Tijdschr Geneeskd** 1985 Jun 22;129(25):1172-3 (Eng. Abstr.) **(Dut)**

[Transplantation of organs; various juridical observations] Roscam Abbing HD. **Ned Tijdschr Geneeskd** 1985 May 18;129(20):960-3 **(Dut)**

[Setting up practice in another country. Mutual recognition of diplomas and professional qualifications] **Tijdschr Diergeneeskd** 1984 Nov 15;109(22):942-6 **(Dut)**

[The judge must consider the admissibility of animal experiments] Boon D. **Tijdschr Diergeneeskd** 1984 Dec 15; 109(24):1050-2 **(Dut)**

[Maternal death of obstetrical origin. Medicolegal aspects] Chevrant-Breton O, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):385-93 (Eng. Abstr.) **(Fre)**

[Evaluation of body damage of traumatic origin] Putz P. **Rev Med Brux** 1985 Jan;6(1):33-8 (Eng. Abstr.) **(Fre)**

[Incidence of alcoholic intoxication and road traffic in Belgium] André A, et al. **Rev Med Suisse Romande** 1984 Nov;104(11):917-24 **(Fre)**

[Ethical problems in neonatology] Gautier A. **Rev Med Suisse Romande** 1985 Jun;105(6):541-6 **(Fre)**

[Negligent carelessness in Paragraph 315 of the German criminal code and the loss the driver's licence] Mollenkott K. **Blutalkohol** 1985 Jul;22(4):298-303 (Eng. Abstr.) **(Ger)**

[Compulsory blood sampling] Püschel K, et al. **Blutalkohol** 1984 Nov;21(6):479-90 (Eng. Abstr.) **(Ger)**

[Execution of disciplinary powers in alcohol offences] Schneble H. **Blutalkohol** 1984 Nov;21(6):491-500 (Eng. Abstr.) **(Ger)**

[Official medical monitoring of baths and saunas using specific regulations] Tscharntke D. **Off Gesundheitswes** 1985 Mar;47(3):101-5 **(Ger)**

[Experiences with new regulations on the water laws] Irmer H. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:1-8 **(Ger)**

[Regulations for practice of human in vitro fertilization and embryo transfer (editorial)] Schenker JG, et al. **Harefuah** 1985 Feb 1;108(3):153-4 **(Heb)**

[Biomedical, ethical and legal aspects of the various modern possibilities of motherhood] Berić BM. **Med Pregl** 1984; 37(11-12):489-91 **(Scr)**

LEGISLATION, DENTAL

Illegal practice of dentistry [letter] **Br Dent J** 1985 Feb 9; 158(3):82

Illegal practice of dentistry [letter] Davies N. **Br Dent J** 1984 Aug 25;157(4):121-2

LEGISLATION, DRUG

see related

DRUG AND NARCOTIC CONTROL

Drugs recently released in Belgium. Ceftriaxone. Harvengt C. **Acta Clin Belg** 1985;40(3):201-3

Repercussions of the Drug Price Competition and Patent Term Restoration Act of 1984. Hogan GF. **Am J Hosp Pharm** 1985 Apr;42(4):849-51

Ipecac on prescription? [letter] Hull BL. **Am J Psychiatry** 1985 Jan;142(1):141

The availability of D-phenylalanine and DL-phenylalanine [letter] Lofft JG, et al. **Am J Psychiatry** 1985 Feb; 142(2):269-70

Taking chance out of the Rx-OTC switch. Murphy DH. **Am Pharm** 1985 Jan;NS25(1):41-5

Chloramphenicol in the Dutch situation. Frens J. **Ann Rech Vet** 1985;16(2):159-60

Use of chloramphenicol in the United States. Guest GB. **Ann Rech Vet** 1985;16(2):161-2

Some proposals for drugs legislation. Bucknell P. **Br J Addict** 1985 Jun;80(2):149-52

Product liability in respect of drugs. Diamond AL, et al. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):365-8

The limited list: first month in a teaching hospital [letter] Sandler D, et al. **Br Med J [Clin Res]** 1985 Jun 8; 290(6483):1746

Limited lists of drugs: lessons from abroad. Smith T. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):532-4

Use of medications on the restricted list by the elderly. Vetter NJ, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1712-4

Artificial sweeteners are not drugs: where does that leave us? Baines CJ. **Can Med Assoc J** 1984 Dec 15; 131(12):1445-6

Why treat doctors like pushers? Beyerstein BL, et al. **Can Med Assoc J** 1985 Feb 15;132(4):337-41

More on excipients and additives [letter] Napke E, et al. **Can Med Assoc J** 1985 Mar 1;132(5):509

A third class of drugs: an overview. Brushwood DB, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):62-6

New regulations to speed drug approvals, improve safety monitoring. **FDA Drug Bull** 1985 Apr;15(1):2-3

Animal protection and toxicity testing regulations. Hampson JE, et al. **Food Chem Toxicol** 1985 Feb;23(2):183-6

Registration requirements within the German Federal Health Office. Lingk W. **Food Chem Toxicol** 1985 Feb;23(2):179-81

Illegal distribution of animal drugs. Dean DJ. **J Am Vet Med Assoc** 1985 Apr 1;186(7):670-1

Controlling distribution of drugs [letter] Lane DM. **J Am Vet Med Assoc** 1984 Oct 1;185(7):722-3

View from the Nation's Capital. New drug application (NDA) and investigational new drug (IND) regulations. Romansky MA. **J Clin Psychopharmacol** 1983 Dec; 3(6):380-3

View from the Nation's Capitol. Romansky MA. **J Clin Psychopharmacol** 1982 Feb;2(1):74-5

NDA rewrite: here at last. Romansky MA. **J Clin Psychopharmacol** 1983 Apr;3(2):110-2

View from the Nation's Capital. Investigational new drug (IND) and new drug application (NDA). Romansky MA. **J Clin Psychopharmacol** 1983 Jun;3(3):193-4

View from the nation's capital. Romansky MA. **J Clin Psychopharmacol** 1985 Feb;5(1):51-2

An FDA update on GMP's for aseptic processing. Fry EM. **J Parenter Sci Technol** 1985 Jul-Aug;39(4):154-7

Compliance issues in 1985. Michels DL. **J Parenter Sci Technol** 1985 Jul-Aug;39(4):158-60

Drug regulation [letter] **Lancet** 1985 Sep 21;2(8456):669

Health food supplements [letter] Bender AE. **Lancet** 1985 May 4;1(8436):1044

Limited NHS drugs list [letter] Boomla K, et al. **Lancet** 1985 Jan 26;1(8422):224-5

Licensing and provision of medicines in the United Kingdom. An appraisal. Collier J. **Lancet** 1985 Aug 17;2(8451):377-81

Unconvincing reassurance from the ABPI [letter] Collier J. **Lancet** 1984 Dec 1;2(8414):1280

Impact of national drug policy [letter] Hasan M. **Lancet** 1985 Aug 17;2(8451):391-2

Phenylbutazone off benefits list [letter] Auerbach E. **Med J Aust** 1984 Aug 18;141(4):261-2

Experience with drugs and driving in Queensland, Australia. Wilson D. **Med Sci Law** 1985 Jan;25(1):2-10

The addict, the doctor and the law. Strang J. **Practitioner** 1985 Apr;229(1402):305-10

Drug labeling for teratogenicity: requirements of the U.S. Food and Drug Administration. Kelsey FO. **Prog Clin Biol Res** 1985;163C:155-9

Consequences and implications to FDA regulations of immune modulation by chemicals. McCurdy JD. **Prog Clin Biol Res** 1984;161:401-2

Improper interpretation of data concerning teratogenicity: a case report. Staples RE. **Prog Clin Biol Res** 1985; 163C:161-3

Misinformation about risks of congenital anomalies. Wilson JG. **Prog Clin Biol Res** 1985;163C:165-9

Guilty plea puts Oraflex case to rest [news] Marshall E. **Science** 1985 Sep 13;229(4718):1071

[Harmful effects of drugs. Liability of the manufacturers against insurance claims for damages] Dahl B. **Ugeskr Laeger** 1984 Sep 3;146(36):2726-8 **(Dan)**

[New Legislation on Animal Medications] **Tijdschr Diergeneeskd** 1985 Jan 1;110(1):48-51 **(Dut)**

[Chloramphenicol in veterinary medicine. Authorization requirements for marketing] Boisseau J. **Ann Rech Vet** 1985; 16(2):155-7 **(Fre)**

[Chloramphenicol: viewpoint and regulations in Switzerland] Häsler S. **Ann Rech Vet** 1985;16(2):163-4 **(Fre)**

[Criteria for the use of chloramphenicol in breeding farms in Italy] Macri A. **Ann Rech Vet** 1985;16(2):169-71 **(Fre)**

[Homeopathic drugs must be subject to the regulations concerning drugs] Lechat P, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1067-9 **(Fre)**

[Veterinarian's options and restrictions during and following the administration of drugs to food-producing animals] Schlatterer B. **Tierarztl Prax** 1984;12(2):269-79 **(Ger)**

[Guidelines for introducing new drugs for medical use in Poland and control of their quality] Danysz A. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1673-4 **(Pol)**

ECONOMICS

View from the Nation's Capital. Freishtat HW. **J Clin Psychopharmacol** 1985 Apr;5(2):117-9

HISTORY

Industry invites regulation: the passage of the Pure Food and Drug Act of 1906. Barkan ID. **Am J Public Health** 1985 Jan;75(1):18-26

A cross-national perspective on the evolution of alcohol prohibition. Unnithan NP. **Int J Addict** 1985 Apr; 20(4):591-604

TRENDS

The importance of analytical chemistry to food and drug regulation. Hutt PB. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):147-51

The French drug approval process II: The clinical basis for negative decisions by the commission for authorization of marketing a medication. Weintraub M. **J Clin Pharmacol** 1985 Apr;25(3):156-63

Evaluation of pesticides which pose carcinogenicity potential in animal testing. II. Consideration of human exposure conditions for regulatory decision making. Wang GM. **Regul Toxicol Pharmacol** 1984 Dec;4(4):361-71

LEGISLATION, FOOD

Dietary modifiers: occurrence of modifiers in food and drink and consequences for implementation of regulatory procedures. Knudsen I. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 2:171-9

The availability of D-phenylalanine and DL-phenylalanine [letter] Lofft JG, et al. **Am J Psychiatry** 1985 Feb; 142(2):269-70

The case for compulsory pasteurisation [editorial] Howie J. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):422-3

Pasteurisation and the control of milkborne infection in Britain. Sharp JC, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):463-4

[Food and nutrition policy in Belgium; specifically, nutrition education and consumption behavior] Verdonk G. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1580-3 **(Dut)**

[Legal requirements, quality criteria, therapeutic interest and dietetics of mineral waters: study of the case of the natural mineral water of Evian] de Preneuf JM. **J Physiol (Paris)** 1984;79(6):547-60 (15 ref.) (Eng. Abstr.) **(Fre)**

[Remarks on the possible further development of food legislation from the scientific viewpoint] Drochner W. **DTW** 1985 Jun 7;92(6):240-2 **(Ger)**

[Regulation of harmful chemicals by the food legislation and its official surveillance] Entel HJ. **DTW** 1985 Jun 7; 92(6):236-40 **(Ger)**

[Biometric evaluation of microbiologic study procedures of foods within the scope of paragraph 35 of the Food and Necessities Law] Weiss H, et al. **DTW** 1985 Feb 7; 92(2):64-75 (Eng. Abstr.) **(Ger)**

HISTORY

Industry invites regulation: the passage of the Pure Food and Drug Act of 1906. Barkan ID. **Am J Public Health** 1985 Jan;75(1):18-26

TRENDS

The importance of analytical chemistry to food and drug regulation. Hutt PB. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):147-51

LEGISLATION, HOSPITAL

Australia: NSW doctors reach a settlement. Lord R. **Can Med Assoc J** 1984 Sep 15;131(6):622-3

Parental rights versus government responsibility for infant medical care. Reynolds WB. **Conn Med** 1984 Aug; 48(8):527-9

Medical ethical issues: are you addressing them? Ferguson CG. **Dimens Health Serv** 1984 Aug;61(8):30-1, 33, 35

Quality assurance--do you know the legal implications? Ferguson CG. **Dimens Health Serv** 1984 Nov;61(11):27-8

The final, anticlimactic rule on Baby Doe. Murray TH. **Hastings Cent Rep** 1985 Jun;15(3):5-9

State programs expect to keep PPS waivers. Traska MR. **Hospitals** 1984 Oct 16;58(20):41-2

Withholding treatment from Baby Doe: from discrimination to child abuse. Rhoden NK, et al. **Milbank Mem Fund Q** 1985 Winter;63(1):18-51

[Effects of 'new harmonization' on the right to charge and the reimbursement of costs of chief physicians] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):392-3 **(Ger)**

[Legal validity of autopsy clauses in hospital admitting contracts] Solbach G. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):691-4 **(Ger)**

TRENDS

Exclusive-source contracts among year's top legal issues. Richman D. **Hospitals** 1984 Dec 16;58(24):66

LEGISLATION, MEDICAL

Mental retardation. Twenty years later. Hutchins VL. **Ala J Med Sci** 1985 Jan;22(1):94-102

Making babies without sex: the law and the profits. Annas GJ. **Am J Public Health** 1984 Dec;74(12):1415-7

Regulating the introduction of heart and liver transplantation. Annas GJ. **Am J Public Health** 1985 Jan;75(1):93-5

Three Mile Island. Psychology and environmental policy at a crossroads. Hartsough DM, et al. **Am Psychol** 1984 Oct; 39(10):1113-22

No fault compensation [editorial] Burrows MM. **Anaesthesia** 1985 Apr;40(4):313-4

Ethical and legal issues related to the use of computer programs in clinical medicine. Miller RA, et al. **Ann Intern Med** 1985 Apr;102(4):529-37 (60 ref.)

Legal implications of the use of embryonic cells for transplants. Carnahan WA. **Appl Neurophysiol** 1984; 47(1-2):69-72

Legal aspects of withdrawing nourishment from an incurably ill patient. Meyers DW. **Arch Intern Med** 1985 Jan; 145(1):125-8

Flight, flight duty, and rest times: a comparison between the regulations of different countries. Wegmann HM, et al. **Aviat Space Environ Med** 1983 Mar;54(3):212-7

A 10-year follow-up of the National Cancer Act. Reizenstein P, et al. **Biomed Pharmacother** 1984;38(6):282-4

One simple set of regulations [editorial] Lee WR. **Br J Ind Med** 1985 May;42(5):289-90

A bill that should be stopped [editorial] **Br Med J [Clin Res]** 1985 Feb 23;290(6468):586

Mental Health Act [letter] Candy J, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):324

Mrs Gillick and the Wisbech Area Health Authority. Griffiths J. **Bristol Med Chir J** 1985 Apr;100(374):37-8

DRG legislation and rheumatic disease. Lockshin MD. **Bull Rheum Dis** 1984;34(4):1-5 (14 ref.)

Aeronautics Act changes medical practice. Geekie DA. **Can Med Assoc J** 1985 Aug 15;133(4):310-3

Occupational disease. Problems of risk assessment. Yodaiken RE. **Clin Lab Med** 1984 Sep;4(3):475-82

The fetus is a graft, both biologically and legally [editorial] Gleicher N. **Fertil Steril** 1984 Dec;42(6):824-5

Shifting commitments to long-term care: the role of coordination. Benjamin AE, et al. **Gerontologist** 1984 Dec; 24(6):598-603

Open forum on liability and reality in haemotherapy. Introduction. André A. **Haematologia (Budap)** 1983; 16(1-4):123-5

International juridical aspects of transfusion. Marziale F. **Haematologia (Budap)** 1983;16(1-4):127-32

Prisoner in the ICU: the tragedy of William Bartling. Annas GJ. **Hastings Cent Rep** 1984 Dec;14(6):28-9

Fetal research: the question in the states. Baron CH. **Hastings Cent Rep** 1985 Apr;15(2):12-6

Canada: the Mandarin bureaucracy. Bayles MD, et al. **Hastings Cent Rep** 1984 Dec;14(6):17-8

Organ procurement: it's not in the cards. Caplan AL. **Hastings Cent Rep** 1984 Oct;14(5):9-12

A community of givers, not takers. Sadler AM Jr, et al. **Hastings Cent Rep** 1984 Oct;14(5):6-9

Legal and ethical standards in geriatric medicine. Kapp MB. **J Am Geriatr Soc** 1985 Mar;33(3):179-83

View from the Nation's Capitol. Freishtat HW. **J Clin Psychopharmacol** 1982 Apr;2(2):146-8

View from the Nation's Capitol. Freishtat HW. **J Clin Psychopharmacol** 1982 Jun;2(3):219-20

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1984 Oct;4(5):288-9

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1984 Jun;4(3):161-2

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1983 Oct;3(5):319-21

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1983 Feb;3(1):47-8

View from the Nation's Capital. Romansky MA. **J Clin Psychopharmacol** 1984 Feb;4(1):52-4

View from the Nation's Capitol. Romansky MA. **J Clin Psychopharmacol** 1982 Aug;2(4):289-90

View from the nation's capital. Romansky MA. **J Clin Psychopharmacol** 1985 Feb;5(1):51-2

Patient selection for heart transplantation: when is a discriminating choice discrimination? Merrikin KJ, et al. **J Health Polit Policy Law** 1985 Spring;10(1):7-32

Legal issues raised by in vitro fertilization and embryo transfer in the United States. Fanta JC. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):65-86

Medical malpractice--1985. Halley MM. **J Kans Med Soc** 1984 Dec;85(12):323-9 (31 ref.)

A different perspective. Neighbor EH. **J Kans Med Soc** 1984 Dec;85(12):337-9

Medical malpractice legislation. Kansas. Wedel KD. **J Kans Med Soc** 1984 Dec;85(12):344-50

The search for permanent resolution. Young JW. **J Kans Med Soc** 1984 Dec;85(12):340, 359

The legal aspects of withdrawing nourishment. Horan DJ, et al. **J Leg Med (Chicago)** 1984 Dec;5(4):595-632 (202 ref.)

The effect of comparative fault on personal injury awards in malpractice lawsuits involving multiple tortfeasors. Pennock LM. **J Leg Med (Chicago)** 1985 Jun;6(2):223-47

Everything you've always wanted to know about child abuse and were required to report. Berg RN. **J Med Assoc Ga** 1985 Apr;74(4):259-61

Contracts to bear children. Davies I. **J Med Ethics** 1985 Jun; 11(2):61-5

Guerin versus Malgaigne: a precedent for the free criticism of scientific papers. Peltier LF. **J Orthop Res** 1983; 1(1):115-8

The effect of federal regulations regarding handicapped newborns. A case report. Shapiro DL, et al. **JAMA** 1984 Oct 19;252(15):2031-3

Privy Council upholds GMC penalty of erasure for adultery with a patient. Brahams D. **Lancet** 1985 Jan 26;1(8422):232

Another ferocious but unavailing stand against fluoridation. Deitch K. **Lancet** 1985 Jan 26;1(8422):231

The Government acts to prohibit surrogacy arrangements. Deitch R. **Lancet** 1985 Apr 27;1(8435):994-5

A government bill on surrogate motherhood? Deitch R. **Lancet** 1985 Jan 19;1(8421):178

Research on embryos [letter] Deitch R. **Lancet** 1985 Feb 23; 1(8426):469

Renal failure and the law. Douglas JF. **Lancet** 1985 Jun 8; 1(8441):1319-21

Alternative medicine: is there a need for registration? Inglis B. **Lancet** 1985 Jan 12;1(8420):95-6

Negligence and the Mental Health Act. Wells W. **Lancet** 1985 Sep 7;2(8454):547

Tell it to the Marines [letter] Gerber P. **Med J Aust** 1985 Apr 29;142(9):530-1

The United States Supreme Court and mental health law. A retrospective. Perlin ML. **Med Law** 1985;4(1):49-54

The 1983 abortion decisions: Virginia distinguished. **Med Leg Bull** 1983 Jul-Aug;32(4):1-7

Legislative report. 1985 Virginia General Assembly. Wiecking DK. **Med Leg Bull** 1985 May-Jun;34(3):1-10

The right to be allowed to die--self induced starvation and the right to die without undue misery. Brahams D. **Med Leg J** 1984;52 (Pt 2):113-6

Cryobanking and A.I.H. Davies I. **Med Leg J** 1984;52 (Pt 4):242-7 (37 ref.)

Standard of proof in medical negligence. Khan A, et al. **Med Leg J** 1984;52 (Pt 2):117-22

Defective newborns and government intermeddling. Smith GP 2d. **Med Sci Law** 1985 Jan;25(1):44-8

Head injury--organic and psychogenic issues in compensation claims. Weller MP. **Med Sci Law** 1985 Jan; 25(1):11-25

One phone call got ball rolling on organ sales law. Marr J. **Mich Med** 1985 Apr;84(4):219

Heed this legal advice regarding seat belt exemptions. Weber RD. **Mich Med** 1985 Jul;84(7):390-1

The right to know about toxic exposures. Implications for physicians. Himmelstein JS, et al. **N Engl J Med** 1985 Mar 14;312(11):687-90

Hearts in the wrong place [editorial] **Nature** 1985 Mar 21-27; 314(6008):206

Confused comment on Warnock [news] **Nature** 1984 Nov 29-Dec 5;312(5993):389

Warnock proposals in trouble [editorial] **Nature** 1985 Feb 7-13;313(6002):417

UK agonizes on embryo research [news] **Nature** 1985 Feb 7-13;313(6002):424

Gene therapy: US clinical trials imminent [news] Budiansky S. **Nature** 1984 Nov 29-Dec 5;312(5993):393

UK embryo research: embryo protection bill resurfaces [news] Clarke M. **Nature** 1985 Jun 13-19;315(6020):534

Politicians prepare action [news] Clarke M. **Nature** 1985 Jan 24-30;313(6000):260

In vitro fertilization: surrogacy ban by Victoria state [news] Sellar J. **Nature** 1984 Sep 27-Oct 3;311(5984):288

Right-to-know deadline approaches requiring material safety data sheets. Kurt TL. **Occup Health Saf** 1985 Jul;54(7):56

Organizations must be aware of hazardous material regulations. Nemeth JC. **Occup Health Saf** 1985 Jul; 54(7):31, 34-6, 48

Tracking a bill through the legislative process. Craig RH Jr, et al. **Pa Med** 1985 Apr;88(4):24

Prescribing contraceptives for under-age girls--the doctor's legal position. Brahams D. **Practitioner** 1985 May; 229(1403):461-3

The vexing problems of vaccine compensation [news] Sun M. **Science** 1985 Mar 1;227(4690):1012-4

Keeping company with the Texas legislature. **Tex Med** 1985 Jan;81(1):21-4

Medicine and the law. More dollar signs at the end of the rainbow. Wilcox DP. **Tex Med** 1984 Oct;80(10):74-6

Sandra Day O'Connor and the justification of abortion. Werhane PH. **Theor Med** 1984 Oct;5(3):360-3

A judicial observer. Sammons JH. **Trans Assoc Life Insur Med Dir Am** 1984;66:69-77

Reproductive health, youth, and the law. Paxman JM. **WHO Chron** 1984;38(5):199-207 (19 ref.)

Blue book 1985. **Wis Med J** 1985 Jun;84(6):23-150

'Medical liability, competition, contracting, medicare assignment--these are our challenges'. Flaherty TT. **Wis Med J** 1984 May;83(5):47-50

[Changes in the regulations regarding the length of the isolation period of patients with chickenpox] Trlifajová J, et al. **Cesk Pediatr** 1984 Oct;39(10):606-10 (Eng. Abstr.) **(Cze)**

[The legal importance of the citizen's will in the modern development of mental health care] Stěpán J. **Cesk Psychiatr** 1985 Apr;81(2):124-33 (Eng. Abstr.) **(Cze)**

[Legal regulations of the citizen-health worker relationship. I] Zeman Z. **Cesk Zdrav** 1985 Jul;33(6-7):256-64 (Eng. Abstr.) **(Cze)**

[Medico-legal aspects of removing corneas for transplantation] Cochet P, et al. **Annee Ther Clin Ophtalmol** 1983;34:331-48 **(Fre)**

[Organ donors: survey of 1000 persons] Hunter F, et al. **J Urol (Paris)** 1984;90(5):325-30 (Eng. Abstr.) **(Fre)**

[The law, a possible factor in the promotion of preventive medicine?] Borghi M. **Soz Praventivmed** 1985;30(3):180-3 (Eng. Abstr.) **(Fre)**

[Autopsy of a child's cadaver (letter)] **Dtsch Med Wochenschr** 1985 Apr 26;110(17):696-8 **(Ger)**

[The new medical instrument ordinance] Lippert HD. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1469-70 **(Ger)**

[Dissection of a child's cadaver. 28 September 1982 decision of the County Court of Saarbrücken] Rieger HJ. **Dtsch Med Wochenschr** 1985 Feb 8;110(6): 234-5 **(Ger)**

[Legal basis for medical standards] Schreiber HL. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1458-60 **(Ger)**

[Roentgen studies in occupational fitness and monitoring examinations and in other preventive examinations] Schmidt G. **Radiol Diagn (Berl)** 1984;25(4):441-6 (Eng. Abstr.) **(Ger)**

[Appropriate formulation and application of air-polluting and other pest control agents. Experimental experiences within the framework of tests based on Paragraph 10 c of the Federal Communicable Disease Law] Hoffmann G. **Schriftenr Ver Wasser Boden Lufthyg** 1985;63:69-81 **(Ger)**

[The legal basis of blood transfusion] Herbich J, et al. **Wien Klin Wochenschr** 1984 Dec 21;96(24):867-72 (Eng. Abstr.) **(Ger)**

[Vaccination program required by law in a community with a predominantly rural and craft economy in Campania] Vetrella M, et al. **Minerva Pediatr** 1985 Feb 28;37(4):169-73 (Eng. Abstr.) **(Ita)**

[Validity of syphilis serodiagnosis in its prevention in apparently healthy workers applying for health certificates according to Law No. 837 of 25 July 1956] Barghini G, et al. **Quad Sclavo Diagn** 1984 Sep;20(3):344-53 (Eng. Abstr.) **(Ita)**

[Modern views on the chemoprophylaxis of tuberculosis and a proposal for modifications and additions to legal and expert reporting documents] Cavić L. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):252-7 (Eng. Abstr.) **(Ser)**

HISTORY

Brief history of Italian psychiatric legislation from 1904 to the 1978 Reform Act. Maj M. **Acta Psychiatr Scand [Suppl]** 1985;316:15-25

The history of the United States Food, Drug and Cosmetic Act and the development of medicine. Hamrell MR. **Biochem Med** 1985 Apr;33(2):268-70

A tale of turbulent times. Murley R. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1782-3

The immigrant midwives of Lawrence: the conflict between law and culture in early twentieth-century Massachusetts. Declercq E, et al. **Bull Hist Med** 1985 Summer;59(2):232-46

Samuel Alexander, M.D., and the Uniform Medical Practice Act. Alexander SF. **J Med Soc NJ** 1984 Sep;81(9):759-62

Provincial registration in New Zealand. Wright-St Clair RE. **NZ Med J** 1985 Jun 12;98(780):440-3

The origins of medical registration in Singapore (Part II) Lee YK. **Singapore Med J** 1983 Dec;24(6):383-90

TRENDS

Gastroenterology and the law. Cifarelli PS. **Am J Gastroenterol** 1985 May;80(5):397–8

Medicine and law. A symbiotic relationship? Kapp MB. **Am J Med** 1985 Jun;78(6 Pt 1):903–7

Medicine's new world: forces for change. Olds JW. **Iowa Med** 1984 Dec;74(12):523–7

SB-646 revisited. Cowan HH Jr. **J Kans Med Soc** 1984 Dec; 85(12):333–4

The circle closes. Stratton WT. **J Kans Med Soc** 1984 Dec; 85(12):330–2, 354 (20 ref.)

Law's influence on medicine and medical ethics. Stone AA. **N Engl J Med** 1985 Jan 31;312(5):309–12

[Psychiatric medicine in crisis: legal and ethical views] Terashima S. **Seishin Shinkeigaku Zasshi** 1985;87(1):13–9 **(Jpn)**

LEGISLATION, NURSING

In the game of politics, do not hesitate to say 'deal me in'. Rouse R. **AORN J** 1984 Oct;40(4):594–5

Development of a new statutory structure for nursing, midwifery and health visiting in the United Kingdom. Storey M. **J Adv Nurs** 1985 Jan;10(1):79–81

Proposed nursing legislation. Johnson J. **Nurse Pract** 1985 Apr;10(4):10, 12

HISTORY

The Nurse Training Act: a historical perspective. Miller PG. **ANS** 1985 Jan;7(2):47–65

LEGISLATION, PHARMACY

The debate over substitution policy. Its evolution and scientific basis. Schwartz LL. **Am J Med** 1985 Aug 23; 79(2B):38–44 (23 ref.)

Drug product selection: the Florida experience revisited. Clouse EH, et al. **Am J Public Health** 1985 Mar;75(3):283–4

Pharmacists need a better understanding of the law. Fink JL 3d. **Am Pharm** 1985 Mar;NS25(3):6–8

Doctors, drugs, and the DHSS [editorial] **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1397–8

Curtailment of prescribing in the National Health Service [editorial] **Lancet** 1984 Nov 17;2(8412):1136–7

LEGISLATION, VETERINARY

Standard residue regulations for chloramphenicol in Spain. Anadon A. **Ann Rech Vet** 1985;16(2):149–53

Chloramphenicol in the Dutch situation. Frens J. **Ann Rech Vet** 1985;16(2):159–60

Use of chloramphenicol in the United States. Guest GB. **Ann Rech Vet** 1985;16(2):161–2

Exporting and importing pigs: the problems and risks. Douglas RG. **Br Vet J** 1984 Nov–Dec;140(6):523–8

The international cattle trade problems and control of disease. Scudamore JM. **Br Vet J** 1984 Sep–Oct;140(5):413–29 (30 ref.)

Illegal distribution of animal drugs. Dean DJ. **J Am Vet Med Assoc** 1985 Apr 1;186(7):670–1

Refusal to treat and refusal to continue treatment. Hannah HW. **J Am Vet Med Assoc** 1985 Apr 1;186(7):666, 668

The right to inspect a veterinary practice. Hannah HW, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):498–9

Licensing boards and approval of veterinary educational programs. Hannah HW. **J Am Vet Med Assoc** 1984 Oct 1;185(7):750

Animal technicians and the practice of veterinary medicine. Hannah HW. **J Am Vet Med Assoc** 1985 Mar 1;186(5):458–9

Unique characteristics of the National Animal Disease Surveillance system. King LJ. **J Am Vet Med Assoc** 1985 Jan 1;186(1):35–9

Controlling distribution of drugs [letter] Lane DM. **J Am Vet Med Assoc** 1984 Oct 1;185(7):722–3

U.S. laws, regulations, and policies important to managers of nonhuman primate colonies. Johnson DK, et al. **J Med Primatol** 1983;12(5):223–38

National and international regulations governing transportation and supply of primate animals. Parsons RM. **J Med Primatol** 1983;12(5):262–6

Appropriate care for deafferented primates. Rowan AN. **J Med Primatol** 1984;13(4):175–81

The animal welfare act as applied to primate animal laboratories. Schwindaman DF. **J Med Primatol** 1983; 12(5):250–5

The Veterinary and Para-Veterinary Professions Act. Act no. 19 of 1982. **J S Afr Vet Assoc** 1984 Jun;55(2):97–9

[Nature of animal husbandry in the community systems and the administrative and legal status of the veterinary medical services in agroindustrial complexes] Kostadinov I, et al. **Vet Med Nauki** 1985;22(2):87–94 (Eng. Abstr.) **(Bul)**

[New Legislation on Animal Medications] **Tijdschr Diergeneeskd** 1985 Jan 1;110(1):48–51 **(Dut)**

[The philosophy of the legal responsibility of veterinarians] Wouda LH. **Tijdschr Diergeneeskd** 1984 Aug 15; 109(15–16):652–6 **(Dut)**

[Chloramphenicol in veterinary medicine. Authorization requirements for marketing] Boisseau J. **Ann Rech Vet** 1985; 16(2):155–7 **(Fre)**

[Chloramphenicol: viewpoint and regulations in Switzerland] Hasler S. **Ann Rech Vet** 1985;16(2):163–4 **(Fre)**

[Criteria for the use of chloramphenicol in breeding farms in Italy] Macri A. **Ann Rech Vet** 1985;16(2):169–71 **(Fre)**

[Antler amputation in Cervidae from the viewpoint of ethology and animal protection] Bogner H, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jul 1;98(7):229–31 (Eng. Abstr.) **(Ger)**

HISTORY

Cruelty reviewed. Hill JR. **Aust Vet J** 1984 Aug;61(8):245–7

LEGUMES

Hypocholesterolemic effects of oat-bran or bean intake for hypercholesterolemic men. Anderson JW, et al. **Am J Clin Nutr** 1984 Dec;40(6):1146–55

Influence of frequent and long-term bean consumption on colonic function and fermentation. Fleming SE, et al. **Am J Clin Nutr** 1985 May;41(5):909–18

The complementation effects on dietary protein of ungerminated and germinated mung bean (Phaseolus aureus) with rice. Noor MI, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):366–75

Dry beans of Phaseolus: a review. Part 3. Deshpande SS, et al. **CRC Crit Rev Food Sci Nutr** 1984;21(2):137–95 (463 ref.)

Winged bean in human nutrition. Kadam SS, et al. **CRC Crit Rev Food Sci Nutr** 1984;21(1):1–40 (123 ref.)

Technology of removal of unwanted components of dry beans. Sathe SK, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(3):263–87 (165 ref.)

Partially purified white bean amylase inhibitor reduces starch digestion in vitro and inactivates intraduodenal amylase in humans. Layer P, et al. **Gastroenterology** 1985 Jun; 88(6):1895–902

Nutritive value of some common Egyptian meals. Bassily NS, et al. **Nahrung** 1985;29(1):3–10

Feeling your oats and eating them too. A better way to lower cholesterol levels? Podell RN. **Postgrad Med** 1985 Jun; 77(8):279–80, 286–8

Use of beans diet for control of diabetes. Azinge NO. **Trop Doct** 1985 Jul;15(3):139

[HPLC and TLC-densitometry determination of alkaloidal constituents in Sophora flavescens and Sophora lopecuroides] Cui JF, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):59–66 (Eng. Abstr.) **(Chi)**

[Variability in the dormancy of seeds of Securigera securidaca (L.) Deg. et Dorfl. Preliminary note] Roti-Michelozzi G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2061–5 (Eng. Abstr.) **(Ita)**

[Elaboration, by linear programming, of new products from cereals and legumes] Ballesteros MN, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):130–45 (Eng. Abstr.) **(Spa)**

[Relation between the digestibility and protein value of the common bean (Phaseolus vulgaris)] Bressani R, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):189–97 (Eng. Abstr.) **(Spa)**

[Rapid storage assay for the study of the loss of nutritive value of bean flour (Phaseolus vulgaris) proteins] Buera MP, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):376–83 (Eng. Abstr.) **(Spa)**

[Nutritive value of diets based on tubers and legumes consumed in 3 different proportions] Jorge João WS, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):315–20 (Eng. Abstr.) **(Spa)**

[Genetic improvement of grain legumes of importance to Latin American diet and the soy bean] Lam-Sánchez A. **Arch Latinoam Nutr** 1984 Mar;34(1):11–21 (Eng. Abstr.) **(Spa)**

ANALYSIS

Chemistry and safety of plant polyphenols. Deshpande SS, et al. **Adv Exp Med Biol** 1984;177:457–95 (176 ref.)

Factors affecting the rate of hydrolysis of starch in legumes. Wong S, et al. **Am J Clin Nutr** 1985 Jul;42(1):38–43

Preparation of chloroplast DNA from pea plastids isolated in a medium of high ionic strength. Bookjans G, et al. **Anal Biochem** 1984 Aug 15;141(1):244–7

Snow peas and acephate. Confirmation of illegal pesticide residues. Cairns T, et al. **Anal Chem** 1985 Apr; 57(4):572A–576A

Characterization of the acidic lectins from winged bean seed (Psophocarpus tetragonolobus(L.)DC). Kortt AA. **Arch Biochem Biophys** 1985 Feb 1;236(2):544–54

Natural occurrence of guanidinooxypropylamine in Wistaria floribunda and the sword bean Canavalia gladiata. Hamana K, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):46–51

4-Chloro-6-methoxyindole is the precursor of a potent mutagen (4-chloro-6-methoxy-2-hydroxy-1-nitroso-indolin-3-one oxime) that forms during nitrosation of the fava bean (Vicia faba). Yang D, et al. **Carcinogenesis** 1984 Oct;5(10):1219–24

Dry beans of Phaseolus. A review. Part 2. Chemical composition: carbohydrates, fiber, minerals, vitamins, and lipids. Sathe SK, et al. **CRC Crit Rev Food Sci Nutr** 1984; 21(1):41–93 (463 ref.)

Structural similarity between legumin and vicilin storage proteins from legumes. Argos P, et al. **EMBO J** 1985 May; 4(5):1111–7

Spin-label study of conformational changes induced by pH and ligands in leghemoglobin from yellow lupine root nodules. Postnikova GB, et al. **Eur J Biochem** 1985 May 15;149(1):53–8

The complete amino acid sequence of the major alpha subunit of the lectin from the seeds of Dioclea grandiflora (Mart). Richardson M, et al. **Eur J Biochem** 1984 Oct 1; 144(1):101–11

Primary structure of Vicia angustifolia proteinase inhibitor. Shimokawa Y, et al. **Eur J Biochem** 1984 Sep 17; 143(3):677–84

Lathyrus excitotoxin: mechanism of neuronal excitation by L-2-oxalylamino-3-amino- and L-3-oxalylamino-2-amino-propionic acid. MacDonald JF, et al. **Exp Brain Res** 1984;57(1):158–66

Chemical constituents of Crotalaria madurensis. Bhakuni DS, et al. **J Nat Prod** 1984 Jul–Aug;47(4):585–91

[HPLC and TLC-densitometry determination of alkaloidal constituents in Sophora flavescens and Sophora lopecuroides] Cui JF, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):59–66 (Eng. Abstr.) **(Chi)**

[In vitro digestibility of original and modified protein isolate from faba beans] Krause W, et al. **Nahrung** 1984; 28(8):889–94 (Eng. Abstr.) **(Ger)**

EMBRYOLOGY

The effect of the suspensor and gibberellic acid on Phaseolus vulgaris embryo protein content. Brady T, et al. **Dev Biol** 1985 Feb;107(2):531–6

ENZYMOLOGY

Purification and properties of inosine monophosphate oxidoreductase from nitrogen-fixing nodules of cowpea (Vigna unguiculata L. Walp). Atkins CA, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):807–14

Kinetic studies of fructokinase I of pea seeds. Copeland L, et al. **Arch Biochem Biophys** 1984 Sep;233(2):748–60

pH-dependent conformational transformation in mung bean glyceraldehyde-3-phosphate dehydrogenase. Malhotra OP, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):775–81

L-Phenylalanine ammonia-lyase from Phaseolus vulgaris. Characterisation and differential induction of multiple forms from elicitor-treated cell suspension cultures. Bolwell GP, et al. **Eur J Biochem** 1985 Jun 3;149(2):411–9

Metabolic changes in elicitor-treated bean cells. Selectivity of enzyme induction in relation to phytoalexin accumulation. Robbins MP, et al. **Eur J Biochem** 1985 May 2;148(3):563–9

Induction of chalcone isomerase in elicitor-treated bean cells. Comparison of rates of synthesis and appearance of immunodetectable enzyme. Robbins MP, et al. **Eur J Biochem** 1984 Nov 15;145(1):195–202

Role of cytokinins in induction of nitrate reductase in leaves of cowpea seedlings. Prakash S, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):198–200

Conformation and stability of the chymotrypsin inhibitor from winged bean seed (Psophocarpus tetragonolobus (L.) DC). Gruen LC, et al. **Int J Pept Protein Res** 1985 Apr; 25(4):389–97

Amino acid sequence around a cysteine residue in the active center of jack bean urease. Sakaguchi K, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):73–9

GENETICS

Tissue-specific and light-regulated expression of a pea nuclear gene encoding the small subunit of ribulose-1,5-bisphosphate carboxylase. Coruzzi G, et al. **EMBO J** 1984 Aug;3(8):1671–9

Glutamine synthetase of Phaseolus vulgaris L.: organ-specific expression of a multigene family. Cullimore JV, et al. **J Mol Appl Genet** 1984;2(6):589–99

Expression of lectin genes during seed development in normal and phytohemagglutinin-deficient cultivars of Phaseolus vulgaris. Staswick P, et al. **J Mol Appl Genet** 1984; 2(6):525–35

Sequence organization of a pea chloroplast DNA gene coding for a 34,500-dalton protein. Oishi KK, et al. **Mol Cell Biol** 1984 Nov;4(11):2556–63

METABOLISM

Metabolic changes in elicitor-treated bean cells. Enzymic responses associated with rapid changes in cell wall components. Bolwell GP, et al. **Eur J Biochem** 1985 May 2;148(3):571–8

Intestinal disaccharidases activities in growing rats as influenced by raw legume diets. Aletor VA, et al. **Z Gesamte Hyg** 1984 Nov;30(11):668–71

[Cassoulet and activated charcoal...(letter)] Frexinos J, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):188–9 **(Fre)**

[Comparative studies on the enzymatic absorption of protein hydrolysates in the small intestine of the rat. 3. The absorption trypsins thermatatic and trypsin-thermatatic hydrolysates of a fava bean protein isolate compared to an equimolar mixture of free amino acids] Proll J, et al. **Nahrung** 1985;29(1):59–67 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Use of intrinsic antibiotic resistance for characterisation and identification of rhizobia from nodules of Vigna unguiculata (L.) Walp. and Phaseolus vulgaris (L.) Dakora FD. **Acta Microbiol Pol** 1985;34(2):187–94

Effects of feeding lupin seed naturally infected with Phomopsis leptostromiformis to sheep and pigs. Allen JG, et al. **Aust Vet J** 1984 Jun;61(6):178-80

Mode of infection, nodulation specificity, and indigenous plasmids of 11 fast-growing Rhizobium japonicum strains. Heron DS, et al. **J Bacteriol** 1984 Dec;160(3):1061-6

Legume agglutinins that bind to Rhizobium meliloti. Seegers R, et al. **J Bacteriol** 1985 May;162(2):784-9

Winged bean (Psophocarpus tetragonolobus (L.) DC) as a substrate for growth and aflatoxin production by aflatoxigenic strains of Aspergillus spp. Bean G, et al. **Mycopathologia** 1985 Jun;90(3):141-5

LEIGH DISEASE see under **BRAIN DISEASES, METABOLIC**

LEIOMYOMA

Leiomyoblastoma associated with intractable hypercalcemia and elevated 1,25-dihydroxycholecalciferol levels. Treatment by hepatic enzyme induction. Maislos M, et al. **Arch Intern Med** 1985 Mar;145(3):565-7

Esophageal leiomyoma [letter] Shernoff NJ, et al. **Gastrointest Endosc** 1985 Jun;31(3):226-7

Leiomyoma of the spermatic cord. Sarma DP, et al. **J Surg Oncol** 1985 Apr;28(4):318-20

Benign fibrous tumors of lung: a brief review and review of five cases. Potts C, et al. **Nebr Med J** 1984 Sep;69(9):291-4

[Fetal transverse position caused by giant leiomyoma in the lower segment of the uterus. A case report] Nel JT, et al. **S Afr Med J** 1985 Aug 31;68(5):333-4 (Eng. Abstr.) **(Afr)**

[Leiomyoma and leiomyosarcoma of the vulva] Smit WL, et al. **S Afr Med J** 1984 Dec 22-29;66(25):961-2 (Eng. Abstr.) **(Afr)**

[Leiomyoma of the greater curvature of the stomach] Szela S, et al. **Wiad Lek** 1985 Jan 1;38(1):56-8 (Eng. Abstr.) **(Pol)**

[Myoma and labor] Bocev J. **Med Pregl** 1984;37(3-4):165-7 (Eng. Abstr.) **(Scr)**

[Cervical myoma] Hauk J, et al. **Med Pregl** 1983;36(11-12):523-4 (Eng. Abstr.) **(Scr)**

[Case report of myoma of the broad ligament of the uterus] Mastilovic M, et al. **Med Pregl** 1985;38(1-2):55-6 (Eng. Abstr.) **(Scr)**

BLOOD

[Blood groups and benign tumors of the uterus and ovaries in women] Israfilbeili SG, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):54-5 **(Rus)**

BLOOD SUPPLY

[Atypical complication of uterine myoma] Bogdanowicz M, et al. **Wiad Lek** 1984 Dec 1;37(23):1878-81 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

Sudden asphyxial death due to an esophageal leiomyoma. Peacock JA, et al. **Am J Forensic Med Pathol** 1985 Jun;6(2):159-61

Uterine myomas in pregnancy. Winer-Muram HT, et al. **J Can Assoc Radiol** 1984 Jun;35(2):168-70

Renal capsular leiomyoma causing painless microscopic hematuria. An unusual manifestation of a rare tumor. Ansari A, et al. **Minn Med** 1985 Aug;68(8):577-8, 592

Nephrotic syndrome associated with degenerating uterine leiomyoma [letter] Freistadt H, et al. **West J Med** 1984 Sep;141(3):381-2

[Association of autoimmune thrombopenic purpura and leiomyoma. Recovery after excision of the tumor] Duhamel G, et al. **Presse Med** 1984 Sep 29;13(33):2005-7 (Eng. Abstr.) **(Fre)**

[State of the breasts in patients with uterine myoma studied by the thermovisual method] Strizhova NV, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):46-9 (Eng. Abstr.) **(Rus)**

[Complications of small intestinal tumors] Shevchenko AS, et al. **Klin Khir** 1985 Feb;(2):42-3 **(Rus)**

[Complications of leiomyoma of the stomach] Vaigel' AM. **Klin Med (Mosk)** 1984 Jul;62(7):125-7 **(Rus)**

[The breast in patients with uterine myoma and dysfunctional uterine hemorrhage examined by the thermovision method] Ovanesian DR. **Sov Med** 1984;(9):104-7 **(Rus)**

[Intra-abdominal hemorrhage in uterine fibromyoma] Andrianov AV. **Vestn Khir** 1984 Aug;133(8):74 **(Rus)**

[Intestinal leiomyoma as cause of recurrent digestive hemorrhage (letter)] Zuloaga J, et al. **Rev Clin Esp** 1985 Feb;176(3):156-7 **(Spa)**

DIAGNOSIS

Pathology quiz case 1: cutaneous leiomyoma (familial). Butler DF. **Arch Dermatol** 1984 Dec;120(12):1618-20

Review of smooth muscle tumours of the lower respiratory tract. Yellin A, et al. **Br J Dis Chest** 1984 Oct;78(4):337-51 (122 ref.)

Jejunal leiomyoma: an endoscopic diagnosis. Hashmi MA, et al. **Gastrointest Endosc** 1985 Apr;31(2):81-3

MR imaging of uterine leiomyomas and their complications. Hamlin DJ, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):902-7

Intravenous leiomyomatosis (metastasizing myoma). Takeda Z, et al. **Kobe J Med Sci** 1985 Feb;31(1):27-37

Leiomyoma of the urinary bladder. Bollinger B, et al. **Urol Int** 1985;40(1):43-4

Sonographic findings in leiomyoma of postorchiectomy scrotum. Giyanani VL, et al. **Urology** 1985 Feb;25(2):204-6

[Diagnosis and prognosis of malignant smooth muscle tumors of the gastrointestinal tract: 43 cases] Liu FX, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):149-52, 189-90 (Eng. Abstr.) **(Chi)**

[Leiomyoma of the lung. Apropos of 5 cases] Salizzoni M, et al. **Ann Chir** 1985 Mar;39(2):131-4 (Eng. Abstr.) **(Fre)**

[Voluminous exogastric myoid tumor. Contribution of echotomography and x-ray computed tomography] Pignon JP, et al. **J Radiol** 1984 Jun-Jul;65(6-7):463-6 (Eng. Abstr.) **(Fre)**

[Sonographic observations and difficulties in the differential diagnosis of an abdominal tumor in pregnancy] Dalicho FH. **Zentralbl Gynakol** 1985;107(12):759-64 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of uterus myomatosus in young patients] Rummler S. **Zentralbl Gynakol** 1985;107(12):752-5 (Eng. Abstr.) **(Ger)**

[Difficulties in the diagnosis of benign tumors of the small intestine] Rozsos I, et al. **Orv Hetil** 1985 May 26;126(21):1291-3 (Eng. Abstr.) **(Hun)**

[Markers of carcinoma of the ovary: serum cystine aminopeptidase and leucine aminopeptidase, reliable diagnostic parameters?] Belgeri R, et al. **Ann Ostet Ginecol Med Perinat** 1984 Sep-Oct;105(5):325-30 (Eng. Abstr.) **(Ita)**

[Esophageal leiomyoma: presentation of a clinical case] Solfanelli E, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):287-91 **(Ita)**

[Leiomyoma of the small intestine] Lombardo C, et al. **Chir Ital** 1984 Apr;36(2):209-14 (Eng. Abstr.) **(Ita)**

[Renal leiomyoma (presentation of a clinical case)] Prati GF, et al. **Chir Ital** 1984 Jun;36(3):371-5 (Eng. Abstr.) **(Ita)**

[Gastric leiomyoma (presentation of 3 clinical cases)] Prati GF, et al. **Chir Ital** 1984 Feb;36(1):78-84 (Eng. Abstr.) **(Ita)**

[Differential diagnosis between leiomyomata uteri and adenomyosis using CA 125 as a new tumor marker of ovarian carcinoma] Takahashi K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):591-5 (Eng. Abstr.) **(Jpn)**

[A case of bilateral huge ovarian leiomyoma] Kurokawa H, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1521-4 (Eng. Abstr.) **(Jpn)**

[Diagnosis of genital tumors using ultrasonics in different presentations] Pertynski T, et al. **Ginekol Pol** 1984 Jul;55(7):477-86 (Eng. Abstr.) **(Pol)**

[A case of epithelioid leiomyoma of the stomach] Kapanowski S, et al. **Pol Tyg Lek** 1985 Apr 8-15;40(14-15):421-2 **(Pol)**

[Leiomyomas of the upper gastrointestinal tract] Gutkowski R, et al. **Wiad Lek** 1984 Jul 1;37(13):1026-8 (Eng. Abstr.) **(Pol)**

[Pedunculated benign lung neoplasms] Vagner EA, et al. **Grudn Khir** 1985 Jan-Feb;(1):47-50 (Eng. Abstr.) **(Rus)**

[Gastric leiomyomas] Panchenkov RT, et al. **Klin Med (Mosk)** 1985 Feb;63(2):91-5 (Eng. Abstr.) **(Rus)**

[Ultrasonic method of examination in the diagnosis of gastrointestinal diseases] Lemeshko ZA, et al. **Sov Med** 1985;(3):99-102 **(Rus)**

[A rare form of leiomyoma of the cervical segment of the esophagus] Pirogov AI, et al. **Sov Med** 1984;(9):111-2 **(Rus)**

DRUG THERAPY

Luteinizing hormone-releasing hormone agonist and uterine leiomyoma: a pilot study. Maheux R, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1034-8

Shrinkage of a uterine fibroid after subcutaneous infusion of a LHRH agonist. Healy DL, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1267-8

Regression of leiomyomata uteri following hypoestrogenism induced by repetitive luteinizing hormone-releasing hormone agonist treatment: preliminary report. Maheux R, et al. **Fertil Steril** 1984 Oct;42(4):644-6

[Late effect of gossypol treatment in gynecological diseases--a clinical study of 72 cases] Wang YF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):205-7, 194 (Eng. Abstr.) **(Chi)**

[A comparative study on rapid and slow loading of gossypol in the treatment of gynecological diseases] Han ML, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug;6(4):270-2 (Eng. Abstr.) **(Chi)**

[Structural characteristics of the pathologically changed uterus after treatment with sex hormones] Akobdzhanian MA, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):31-4 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Quantification of cytochrome P-450-dependent cyclohexane hydroxylase activity in normal and neoplastic reproductive tissues. Senler TI, et al. **Biochem J** 1985 Apr 15;227(2):379-87

Protease activity in fibromyoma and normal human myometrium. Milwidsky A, et al. **Gynecol Obstet Invest** 1984;18(5):230-3

17 beta-hydroxysteroid dehydrogenase activity in leiomyoma and myometrium and its relationship to concentrations of oestrone, oestradiol and progesterone throughout the menstrual cycle. Newton CJ, et al. **J Steroid Biochem** 1985 Apr;22(4):487-93

Alkaline phosphatase from human uterine myoma. II. Kinetic and immunological properties. Purzyc L, et al. **Neoplasma** 1985;32(1):37-43

ETIOLOGY

[Leiomyoma of the small intestine discovered in the follow-up of intestinal resection for abdominal injury (letter)] Bercau G, et al. **Presse Med** 1984 Sep 29;13(33):2020 **(Fre)**

FAMILIAL & GENETIC

9p Trisomy/18p distal monosomy and multiple cutaneous leiomyomata. Another specific chromosomal site (18pter) in dominantly inherited multiple tumors? Fryns JP, et al. **Hum Genet** 1985;70(3):284-6

IMMUNOLOGY

[Effect of zinc on immunoproteins in women with uterine myomas] Jendryczko A, et al. **Ginekol Pol** 1984 Oct;55(10):745-7 (Eng. Abstr.) **(Pol)**

METABOLISM

Comparison of cellular levels of steroid receptors in uterine leiomyoma and myometrium. Tamaya T, et al. **Acta Obstet Gynecol Scand** 1985;64(4):307-9

Estrogen biosynthesis in leiomyoma and myometrium of the uterus. Yamamoto T, et al. **Horm Metab Res** 1984 Dec;16(12):678-9

Leiomyomas release prostaglandins. Rees MC, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):65-8

[Estrogen biosynthesis in human uterine myoma tissue. The distribution of androstenedione aromatase activity in uterine myoma tissue] Takamori K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):1861-6 (Eng. Abstr.) **(Jpn)**

[Local uterine hormonemia and steroid hormone receptors] Savitskii GA, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):19-22 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Risk factors for the development of endometrial cancer in uterine myoma] Mezinova NN, et al. **Vopr Onkol** 1985;31(6):60-4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Leiomyomatosis in the pelvic lymph node and peritoneum. Horie A, et al. **Acta Pathol Jpn** 1984 Jul;34(4):813-9

Leiomyoblastoma vs. glomus tumor [letter] Silverman ML. **Am J Surg Pathol** 1984 Oct;8(10):799-800

Retroperitoneal lymphangioleiomyomatosis. A 36-year benign course in a postmenopausal woman. Bhattacharyya AK, et al. **Cancer** 1985 Sep 1;56(5):1144-6

Cutaneous leiomyoma of the male nipple. Tsujioka K, et al. **Dermatologica** 1985;170(2):98-100

Ultrastructural study of cultured smooth muscle cells from uterine leiomyoma and myometrium under the influence of sex steroids. Kawaguchi K, et al. **Gynecol Oncol** 1985 May;21(1):32-41

Endometrial carcinoma presenting with ascites. Morris M, et al. **Gynecol Oncol** 1985 Jun;21(2):186-95

The effect of progestins on the mitotic activity of uterine fibromyomas. Tiltman AJ. **Int J Gynecol Pathol** 1985;4(2):89-96

Multiple leiomyomata of the urinary bladder. Chavez CA, et al. **J Kans Med Soc** 1984 Nov;85(11):298-9

Metastasis to leiomyoma. Sarma DP, et al. **J La State Med Soc** 1985 Aug;137(8):41-2

Vascular leiomyoma of the oral cavity. Epivatianos A, et al. **J Oral Maxillofac Surg** 1985 May;43(5):377-82

Primary angioleiomyoma of the mandible. White DK, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):640-4

Uncomplicated, spontaneous expulsion of a uterine leiomyoma postpartum. A case report. Honoré LH, et al. **J Reprod Med** 1985 Apr;30(4):358-9

Gastric epitheloid leiomyomas, pulmonary chondroma, non-functioning metastasizing extra-adrenal paraganglioma and myxoma: a variant of Carney's triad. Report of a patient. Rüfenacht H, et al. **Klin Wochenschr** 1985 Mar 15;63(6):282-4

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 23-1985. A 68-year-old woman with a huge abdominal mass containing pus. **N Engl J Med** 1985 Jun 6;312(23):1505-11

Growth potential of human uterine leiomyomas: some in vitro observations and their implications. Cramer SF, et al. **Obstet Gynecol** 1985 Jul;66(1):36-41

Leiomyoma of the placenta. Tapia RH, et al. **South Med J** 1985 Jul;78(7):863-4

Leiomyomatosis peritonealis disseminata. Brumback RA, et al. **Surgery** 1985 Jun;97(6):707-13

Leiomyomas of the lower respiratory tract. White SH, et al. **Thorax** 1985 Apr;40(4):306-11

Renal leiomyoma with extensive cystic degeneration

Takezaki T, et al. **Urology** 1985 Apr;25(4):401-3

[Leiomyoma of the rectum] Viiachki I. **Khirurgiia (Sofiia)** 1984;37(5):422 **(Bul)**

[Gastric leiomyoblastoma in children. Report of a case and review of the literature] Heloury Y, et al. **Ann Chir** 1985 Feb;39(1):33-6 (Eng. Abstr.) **(Fre)**

[Myofibromatosis in children. Histopathologic and ultrastructural study of a localized form with a spontaneously regressive course] Boman F, et al. **Ann Pathol** 1984 Jun-Aug;4(3):211-6 (Eng. Abstr.) **(Fre)**

[Disseminated peritoneal leiomyomatosis. Apropos of 2 new cases] Tabbara WS, et al. **Arch Anat Cytol Pathol** 1985; 33(3):140-4 (Eng. Abstr.) **(Fre)**

[Multiple metastases of a benign leiomyoma. Apropos of a case. Review of the literature. Pathogenic concepts and therapeutic stance] Glaser H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):531-9 (Eng. Abstr.) **(Fre)**

[2 rare nonepithelial benign tumors of the penis] Hey A. **Pathologe** 1984 Oct;5(5):286-8 **(Ger)**

[Primary soft tissue tumors of the epididymis, paratesticular tissue and spermatic cord] Kosmehl H, et al. **Zentralbl Allg Pathol** 1985;130(1):5-12 (Eng. Abstr.) **(Ger)**

[A case of leiomyoblastoma of the stomach. Clinical and therapeutic considerations] Turrisi A, et al. **Ann Ital Chir** 1984;56(3):263-83 (63 ref.) (Eng. Abstr.) **(Ita)**

[Intravenous leiomyomatosis of the uterus] Ventura A, et al. **Ann Ostet Ginecol Med Perinat** 1984 May-Jun; 105(3):186-90 (Eng. Abstr.) **(Ita)**

[Uterine multiple node fibromyomatosis associated with an asymptomatic leiomyoma of the small intestine] Guzzetti A, et al. **Chir Ital** 1985 Apr;37(2):183-8 (Eng. Abstr.) **(Ita)**

[A case of retroareolar leiomyoma of the breast] Saggio A, et al. **Chir Ital** 1984 Feb;36(1):66-71 (Eng. Abstr.) **(Ita)**

[The so-called multiple leiomyomatous hamartoma of the lung] Campioni N, et al. **Clin Ter** 1985 Mar 31;112(6):551-6 (Eng. Abstr.) **(Ita)**

[Uterine leiomyomas with unusual histopathologic aspects. Presentation of 4 cases] Eleuteri Serpieri D, et al. **Minerva Ginecol** 1985 May;37(5):217-24 (Eng. Abstr.) **(Ita)**

[Benign metastasizing leiomyoma of the uterus. Case report] Giove S, et al. **Minerva Med** 1984 Jul 31;75(30-31):1819-21 (Eng. Abstr.) **(Ita)**

[A case report of paraurethral leiomyoma in a female] Ogawa O, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1867-72 (Eng. Abstr.) **(Jpn)**

[Autopsy findings of tuberous sclerosis accompanied by diffuse pulmonary hamartoangiomyomatosis] Sato M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):501-5 (Eng. Abstr.) **(Jpn)**

[2 cases of necrosis of uterine myoma in early pregnancy] Palatyński A, et al. **Wiad Lek** 1984 Jun 15;37(12):963-5 (Eng. Abstr.) **(Pol)**

[Atypical rapid growth of uterine myoma without evidence of malignant transformation in a 52-year-old multipara] Szczurowicz A, et al. **Wiad Lek** 1985 May 1;38(9):665-7 (Eng. Abstr.) **(Pol)**

[Malignant glomic tumor of the duodenum] Leikina MA, et al. **Arkh Patol** 1984;46(10):81-4 (Eng. Abstr.) **(Rus)**

[Giant leiomyoma of the esophagus and cardial portion of the stomach] Korchak AM, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):113-4 **(Rus)**

[Leiomyoma of the stomach] Imanov IA, et al. **Klin Khir** 1985 May;(5):52-3 **(Rus)**

[Leiomyoma of the stomach] Borodii VA, et al. **Vrach Delo** 1984 Sep;(9):20-1 **(Rus)**

[Leiomyoma of the prepuce. Presentation of a case] Salas Molina J, et al. **Actas Urol Esp** 1985 May-Jun;9(3):267-8 (Eng. Abstr.) **(Spa)**

[Uterine myomatosis. Clinical and therapeutic aspects] Vargas López E, et al. **Ginecol Obstet Mex** 1983 Feb; 51(310):39-42 (Eng. Abstr.) **(Spa)**

[Clinico-macroscopic correlations of gastroduodenal leiomyomas] Borda F, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):43-7 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

[Sympathetico-adrenal system function in myoma and cancer of the corpus uteri] Filatova NA, et al. **Vopr Onkol** 1985; 31(3):47-50 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

CT evaluation of gastrointestinal leiomyomas and leiomyosarcomas. Megibow AJ, et al. **AJR** 1985 Apr; 144(4):727-31

Gastrogastric intussuscepting leiomyomas. Grundy A, et al. **Gastrointest Radiol** 1984;9(4):319-21

Complete healing of ulceration within a gastric leiomyoma. O'Riordan D, et al. **Gastrointest Radiol** 1985;10(1):47-9

Leiomyoma of the trachea: report of case and review of the literature. Paludetti G, et al. **J Laryngol Otol** 1984 Sep; 98(9):947-51

[Leiomyomas of the lung] Gubbawy H, et al. **Prax Klin Pneumol** 1984 Nov;38(11):503-5 (Eng. Abstr.) **(Ger)**

[Roentgen diagnosis of an esophageal leiomyoma with multiple nodules] Bartusevičene AS, et al. **Radiol Diagn (Berl)** 1984;25(6):763-8 (Eng. Abstr.) **(Ger)**

[An interesting case of esophageal leiomyoma] Itoh Y, et al. **Rinsho Hoshasen** 1984 May;29(5):611-3 (Eng. Abstr.) **(Jpn)**

SECONDARY

Tricuspid valve obstruction due to intravenous leiomyomatosis. Gonzalez-Lavin L, et al. **Am Heart J** 1984 Dec;108(6):1544-6

Gastric leiomyoblastoma with metastases to the liver. A 36-year follow-up study. Van Steenbergen W, et al. **Gastroenterology** 1985 Oct;89(4):875-81

Intravenous leiomyomatosis of the uterus with continuous extension into the pulmonary artery. Akatsuka N, et al. **Jpn Heart J** 1984 Jul;25(4):651-9

[Metastasizing leiomyoma of the uterus. 2 cases (letter)] Heisel J, et al. **Presse Med** 1984 Sep 29;13(33):2021 **(Fre)**

SECRETION

[Recent progress in endocrinology in the field of obstetrics and gynecology] Arai K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1963-8 (12 ref.) **(Jpn)**

SURGERY

Therapeutic hysteroscopy in infertility. Valle RF. **Int J Fertil** 1984;29(3):143-8

Leiomyoma of the foot. Spinosa FA. **J Foot Surg** 1985 Jan-Feb;24(1):68-70

Metroplasty and myomectomy with the CO2 laser for maximizing the preservation of normal tissue and minimizing blood loss. McLaughlin DS. **J Reprod Med** 1985 Jan;30(1):1-9

Myomectomy in treatment of uterine fibroids [letter] Driessen F. **Trop Doct** 1985 Apr;15(2):68

The obstetric outcome of patients with previous myomectomy or hysterotomy. Roopnarinesingh S, et al. **West Indian Med J** 1985 Mar;34(1):59-62

[An evaluation of the preservation of the ovary during surgery for myomata] Xie SX, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):69-73 (Eng. Abstr.) **(Chi)**

[The treatment of myomas] Lammes FB. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):346-50 **(Dut)**

[Operative diagnosis of peritoneal nodules. A case report of disseminated leiomyomatosis] Spay G, et al. **Ann Chir** 1984 Nov;38(8):627-32 (Eng. Abstr.) **(Fre)**

[Retroperitoneal tumor in the pelvis] Berg R, et al. **Zentralbl Gynakol** 1985;107(7):440-1 (Eng. Abstr.) **(Ger)**

[Current trends in the diagnosis and therapy of gastric leiomyoma] Monti M, et al. **Ann Ital Chir** 1984;56(2):159-70 **(Ita)**

[Esophageal leiomyomas. Review of the literature and case records from our institute] Persichetti P, et al. **Minerva Chir** 1984 Jun 15;39(11):855-62 (Eng. Abstr.) **(Ita)**

[A case of bronchial leiomyoma successfully treated by endoscopic ND-YAG laser surgery] Sato M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1841-3 (Eng. Abstr.) **(Jpn)**

[Preclinical study of endoscopic laser coagulation of human ovaries] Kojima E, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1151-5 (Eng. Abstr.) **(Jpn)**

[Leiomyoma of the lung parenchyma] Iida S, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):740-4 (Eng. Abstr.) **(Jpn)**

[Leiomyoma of the pulmonary valve] Okamoto Y, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):500-5 **(Jpn)**

[Comparative evaluation of various hemostatic indicators in different types of general anesthesia during surgical treatment of patients with uterine myoma] Khrenov VI. **Akush Ginekol (Mosk)** 1984 Dec;(12):49-52 (Eng. Abstr.) **(Rus)**

[Topographic-anatomical substantiation of enuceation of myomatous nodes from the uterus] Kokh LI, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):55-6 (Eng. Abstr.) **(Rus)**

[Conservative myomectomy] Krasnopol'skii VI. **Akush Ginekol (Mosk)** 1985 Mar;(3):72-5 **(Rus)**

[Computer-assisted prognosis of the reproductive function of patients following conservative myomectomy] Kuznetsova LV. **Akush Ginekol (Mosk)** 1985 Mar;(3):50-3 (Eng. Abstr.) **(Rus)**

[Rehabilitative treatment of climacteric patients after surgical treatment of uterine myoma] Uvarova EV. **Akush Ginekol (Mosk)** 1984 Dec;(12):66-70 **(Rus)**

[Artificial termination of pregnancy in patients with uterine myoma] Vasilevskaia LN, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):47-50 (Eng. Abstr.) **(Rus)**

[Reimplantation of Vater's papilla: a new indication and technic] Bolufer Cano JM, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):1-8 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Leiomyomatosis peritonealis disseminata. A report of two cases and a review of the literature. Dreyer L, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):856-61

Leiomyoma of the nasal cavity (report of a case). Lijovetzky G, et al. **J Laryngol Otol** 1985 Feb;99(2):197-200

Undifferentiated (embryonal) liver sarcoma of childhood: evidence of leiomyoblastic differentiation. Gonzalez-Crussi F. **Pediatr Pathol** 1983 Jul-Sep;1(3):281-90

[Leiomyoma of the oral cavity: a review of the literature and report of 2 cases with an ultramicroscopic study] Birman EG, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jul-Sep;25(3):917-33 (Eng. Abstr.) **(Por)**

VETERINARY

[A mixed mamma tumor, a theca cell tumor and a leiomyoma in a bitch] Röcken H. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):220-1 (Eng. Abstr.) **(Ger)**

LEIOMYOSARCOMA

Sister Joseph's nodule: seven cases of umbilical metastases from gynecologic malignancies. Brustman L, et al. **Gynecol Oncol** 1984 Oct;19(2):155-62

Leiomyosarcoma of the nose and paranasal sinuses. Josephson RL, et al. **Otolaryngol Head Neck Surg** 1985 Apr; 93(2):270-4

Primary pulmonary leiomyosarcoma. Review of the literature and report of a case. Møller Pedersen V, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):251-4

[Leiomyoma and leiomyosarcoma of the vulva] Smit WL, et al. **S Afr Med J** 1984 Dec 22-29;66(25):961-2 (Eng. Abstr.) **(Afr)**

[Leiomyosarcoma of the esophagus. Description of a case and review of the literature] Lombardo G, et al. **Minerva Chir** 1985 Jun 15;40(11):811-8 (Eng. Abstr.) **(Ita)**

[Primary leiomyosarcoma of the lung] Sikimic S, et al. **Vojnosanit Pregl** 1985 Mar-Apr;42(2):138-41 **(Ser)**

[Gastric leiomyosarcoma] Rodriguez Alvarez JL, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):437-44 (Eng. Abstr.) **(Spa)**

ANALYSIS

Estradiol and progesterone receptors in gynecologic sarcomas. Lantta M, et al. **Acta Obstet Gynecol Scand** 1984; 63(6):505-8

CHEMICALLY INDUCED

Leimyosarcoma of the urinary bladder. 13 years after cyclophosphamide therapy for Hodgkin's disease. Seo IS, et al. **Cancer** 1985 Apr 1;55(7):1597-603

COMPLICATIONS

Occurrence of cicatricial pemphigoid and leiomyosarcoma in a psoriatic patient. David M, et al. **Dermatologica** 1985; 170(5):256-9

Primary pulmonary leiomyosarcoma with digital clubbing and pleural effusion. Case report. Passamonte PM, et al. **Mo Med** 1984 Oct;81(10):667-8

[Arterial hypertension in renin-producing retroperitoneal leiomyosarcoma] Fromme M, et al. **Klin Wochenschr** 1985 Feb 15;63(4):158-63 (Eng. Abstr.) **(Ger)**

[Malignant leiomyosarcoma of the duodenum as the cause of recurrent profuse hemorrhage] Musii MIa, et al. **Klin Khir** 1985 May;(5):54-5 **(Rus)**

[Small intestinal leiomyosarcoma complicated by perforation] Khodorovskii VI, et al. **Vrach Delo** 1985 Apr;(4):85-6 **(Rus)**

[Leiomyosarcoma of the splenic hilus: cause of a febrile syndrome (letter)] Jiménez E, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):473-4 **(Spa)**

CONGENITAL

[Congenital perianal leiomyosarcoma. Presentation of a case] Hernández Bermejo JP, et al. **An Esp Pediatr** 1984 Oct 31;21(6):623-5 **(Spa)**

DIAGNOSIS

Diagnosis of prostatic leiomyosarcoma with fine needle aspiration cytology. Cookingham CL, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):170-2

Primary small bowel malignancies. Johnson AM, et al. **Am Surg** 1985 Jan;51(1):31-6

Review of smooth muscle tumours of the lower respiratory tract. Yellin A, et al. **Br J Dis Chest** 1984 Oct;78(4):337-51 (122 ref.)

Nuclear magnetic resonance evaluation of a leiomyosarcoma. Ross RJ, et al. **Magn Reson Imaging** 1982;1(2):87-90

[Diagnosis and prognosis of malignant smooth muscle tumors of the gastrointestinal tract: 43 cases] Liu FX, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):149-52, 189-90 (Eng. Abstr.) **(Chi)**

[A case of retroperitoneal tumor (leiomyosarcoma) simulating a kidney tumor] Karageorgis C, et al. **Ann Chir** 1985 Jun; 39(5):337-40 (Eng. Abstr.) **(Fre)**

[Leiomyosarcoma of the inferior vena cava] Dauge MC, et al. **Arch Mal Coeur** 1985 Feb;78(2):279-81 (Eng. Abstr.) **(Fre)**

[Leiomyosarcoma of the small intestine. Apropos of 3 cases] Bahnini A, et al. **J Chir (Paris)** 1985 Apr;122(4):215-20 (Eng. Abstr.) **(Fre)**

[Leiomyosarcoma of the femoral vein. Apropos of a case]

Joyeux A, et al. **J Mal Vasc** 1984;9(3):221-4 (Eng. Abstr.) **(Fre)**

[Malignant tumors of the duodenum. Apropos of 5 case reports (lymphosarcoma excluded)] Najjar T, et al. **Tunis Med** 1985 Feb;63(2):105-9 (Eng. Abstr.) **(Fre)**

[Intestinal leiomyosarcoma with pruritus, lymphopenia and antibody deficiency] Dührsen U, et al. **Internist (Berlin)** 1984 Dec;25(12):756-9 **(Ger)**

[Giant gastric leiomyosarcoma simulating a large hepatic tumor. Differential diagnosis with endoscopy] Picardi N, et al. **Ann Ital Chir** 1984;56(6):553-62 (Eng. Abstr.) **(Ita)**

[Gastric leiomyosarcoma. Presentation of a case] Battaglia S, et al. **Radiol Med (Torino)** 1985 Mar;71(3):167-9 **(Ita)**

[Leiomyosarcoma of the kidney with renal vein thrombosis] Nakamura K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):973-8 (Eng. Abstr.) **(Jpn)**

[A case of primary leiomyosarcoma of the liver] Kunieda M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug; 81(8):1858-62 **(Jpn)**

[Cases of malignant neoplasms of soft tissues of the scalp] Polis L, et al. **Neurol Neurochir Pol** 1984 Nov-Dec; 18(6):599-604 (Eng. Abstr.) **(Pol)**

[Leiomyosarcoma of the jejunum] Kleba T. **Wiad Lek** 1984 Jul 1;37(13):1035-7 (Eng. Abstr.) **(Pol)**

[Extragastric sarcomas of the stomach] Bashkov IuA. **Khirurgiia (Mosk)** 1985 Mar;(3):119-20 **(Rus)**

[Non-epithelial malignant tumors of the stomach] Bashkov IuA, et al. **Klin Med (Mosk)** 1984 Oct;62(10):95-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Doxorubicin, dacarbazine, vincristine, and cyclophosphamide in the treatment of advanced gastrointestinal leiomyosarcoma. Choi TK, et al. **Cancer Treat Rep** 1985 Apr;69(4):443-4

A randomized clinical trial of adjuvant adriamycin in uterine sarcomas: a Gynecologic Oncology Group Study. Omura GA, et al. **J Clin Oncol** 1985 Sep;3(9):1240-5

ETIOLOGY

Sarcomas arising after radiotherapy for peptic ulcer disease. Lieber MR, et al. **Dig Dis Sci** 1985 Jun;30(6):593-9

IMMUNOLOGY

Practical aspects of immunohistochemistry. Walts AE. **NY State J Med** 1985 May;85(5):191-3

METABOLISM

Characterization of cholecystokinin receptors on human gastric smooth muscle tumors. Miller LJ. **Am J Physiol** 1984 Oct;247(4 Pt 1):G402-10

Increased cytosol glucocorticoid receptor content of leiomyosarcoma. Plager JE, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):907-8

MORTALITY

Long-term survival with metastatic uterine sarcoma. Hannigan EV. **NY State J Med** 1985 May;85(5):195-6

PATHOLOGY

Leiomyosarcoma of pulmonary truncus. Iwasaki I, et al. **Acta Pathol Jpn** 1984 Jul;34(4):863-7

About two cases of leiomyosarcoma of the spermatic cord. Bianchi G, et al. **Acta Urol Belg** 1984;52(3):483-6

Uterine leiomyosarcoma with myxoid stroma. Pounder DJ, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):762-4

Leiomyosarcomas of venous origin in the extremities. A correlated clinical, roentgenologic, and morphologic study with diagnostic and surgical implications. Berlin O, et al. **Cancer** 1984 Nov 15;54(10):2147-59

Human tumor cell destruction by distilled water. An in vitro evaluation. Mercill DB, et al. **Cancer** 1985 Jun 15; 55(12):2779-82

Sarcomas--a clinicopathological guide with particular reference to cutaneous manifestation. II. Malignant nerve sheath tumour, leiomyosarcoma and rhabdomyosarcoma. Fletcher CD, et al. **Clin Exp Dermatol** 1985 May; 10(3):201-16 (65 ref.)

Primary leiomyosarcoma of the vagina. Punnonen R, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 May;19(5):301-5

Leiomyosarcoma of the diaphragm--a case report. Parker MC. **Eur J Surg Oncol** 1985 Jun;11(2):171-5

Epithelioid leiomyosarcoma originating in a hamartomatous polyp from a patient with Peutz-Jeghers syndrome. Patterson MJ, et al. **Gastroenterology** 1985 Apr; 88(4):1060-4

Leiomyosarcoma of the uterus: clinicopathologic study of 21 cases. Barter JF, et al. **Gynecol Oncol** 1985 Jun; 21(2):220-7

Myxoid leiomyosarcoma. Salm R, et al. **Histopathology** 1985 Feb;9(2):159-69

Myxoid leiomyosarcoma of the uterus. Chen KT. **Int J Gynecol Pathol** 1984;3(4):389-92

Leiomyosarcoma of mandible in a Sudanese female. Abdin HA, et al. **Int J Oral Surg** 1985 Feb;14(1):85-8

A leiomyosarcoma of the hypopharynx. Tommerup B, et al. **J Laryngol Otol** 1985 Jun;99(6):605-8

Malignant smooth muscle tumors of the retroperitoneum and mesentery: a clinicopathologic analysis of 44 cases. Hashimoto H, et al. **J Surg Oncol** 1985 Mar;28(3):177-86

Primary leiomyosarcoma of renal capsule. Ng WD, et al. **J Urol** 1985 May;133(5):834-5

Sarcoma and carcinosarcoma of the bladder in adults. Sen SE, et al. **J Urol** 1985 Jan;133(1):29-30

Bladder leiomyosarcoma: a review of 10 cases with 5-year followup. Swartz DA, et al. **J Urol** 1985 Feb;133(2):200-2

Intravascular bronchioloalveolar tumour. A 20-year survival. Teo SK, et al. **Med J Aust** 1985 Feb 4;142(3):220-2

Primary leiomyosarcoma of the breast. Gobardhan AB. **Neth J Surg** 1984 Aug;36(4):116-8

Leiomyosarcoma metastatic to the brain: case report and literature review. Feeney JJ, et al. **Neurosurgery** 1985 Mar; 16(3):398-401

Leiomyosarcoma of the ovary. Reddy SA, et al. **NY State J Med** 1985 May;85(5):218-20

Nontransitional cell carcinomas of the bladder in adults--review. Khoury S, et al. **Prog Clin Biol Res** 1984; 162B:275-88 (30 ref.)

Primary ureteral leiomyosarcoma. Gislason T, et al. **Scand J Urol Nephrol** 1984;18(3):253-4

Leiomyosarcoma of the small bowel. Baldi F. **Tumori** 1985 Jun 30;71(3):311-5

Myxoid leiomyosarcoma of the uterus--a case report with light microscopic and ultrastructural appraisal. Shroff CP, et al. **Tumori** 1984 Dec 31;70(6):561-6

[Kidney sarcomas. Description of an unusual case of leiomyosarcoma with metastatic diffusion] Pecori M, et al. **Acta Urol Belg** 1984;52(3):361-7 (Eng. Abstr.) **(Fre)**

[27 cases of rare forms of cancer of the corpus uteri] Abbes M, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):97-100 (Eng. Abstr.) **(Fre)**

[Cutaneous leiomyosarcoma] Braun-Falco O, et al. **Hautarzt** 1984 Aug;35(8):428-9 (Eng. Abstr.) **(Ger)**

[Concomitance of gastric epithelioid leiomyosarcoma, functional extra-adrenal paraganglioma and chondroma of the lung] Bigotti G, et al. **Clin Ter** 1984 Aug 15; 110(3):271-5 (Eng. Abstr.) **(Ita)**

[Primary pulmonary leiomyosarcoma with bone formation] Nishimura T, et al. **Gan No Rinsho** 1985 Jan;31(1):87-90 (Eng. Abstr.) **(Jpn)**

[2 cases of the independent coexistence of early cancer and leiomyosarcoma in the same stomach] Tada I, et al. **Gan No Rinsho** 1984 Nov;30(14):1812-8 (Eng. Abstr.) **(Jpn)**

[An autopsy case of well differentiated leiomyosarcoma of the jejunum] Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7(1):81-7 (Eng. Abstr.) **(Jpn)**

[Hysterectomy: analysis of the results of histopathological examinations] Sward J, et al. **Wiad Lek** 1984 Apr 15; 37(8):607-12 (Eng. Abstr.) **(Pol)**

[Complications of leiomyoma of the stomach] Vaigel' AM. **Klin Med (Mosk)** 1984 Jul;62(7):125-7 **(Rus)**

[Renal leiomyosarcoma. Review and presentation of a case] Romero Fernandez FJ, et al. **Actas Urol Esp** 1984 Nov-Dec;8(6):479-82 (Eng. Abstr.) **(Spa)**

[Scrotal leiomyosarcoma] Moreno A, et al. **Med Cutan Ibero Lat Am** 1984;12(5):387-9 (Eng. Abstr.) **(Spa)**

[Leiomyosarcomas of the small intestine] Tiberio López G, et al. **Rev Clin Esp** 1984 May 31;173(4):239-41 **(Spa)**

RADIOGRAPHY

CT evaluation of gastrointestinal leiomyomas and leiomyosarcomas. Megibow AJ, et al. **AJR** 1985 Apr; 144(4):727-31

Gastric leiomyosarcoma: CT observations. Scatarige JC, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):320-7

Case 2. Primary leiomyosarcoma of the duodenum. Gendal ES, et al. **Mt Sinai J Med (NY)** 1984 Sep;51(5):637-9

[Leiomyosarcoma of the duodenum] Sandmann G, et al. **Zentralbl Chir** 1984;109(17):1141-5 **(Ger)**

[A case of rectal leiomyosarcoma] Sasaki F, et al. **Rinsho Hoshasen** 1984 Jul;29(7):825-7 (Eng. Abstr.) **(Jpn)**

[11 cases of gastrointestinal leiomyosarcoma--roentgenologic appearances] Sasaki F, et al. **Rinsho Hoshasen** 1984 Sep; 29(9):969-73 (Eng. Abstr.) **(Jpn)**

[Epitheloid leiomyosarcoma. Radiologic and anatomo-pathological features] Robledo AG, et al. **Rev Clin Esp** 1985 Mar;176(5):259-61 (Eng. Abstr.) **(Spa)**

RADIONUCLIDE IMAGING

An unusual case of colonic leiomyosarcoma presenting with fever--significant uptake of radioactivity of gallium-67 in the tumor. Suzuki A, et al. **Gastroenterol Jpn** 1984 Oct; 19(5):486-92

SECONDARY

Hepatic metastasis 17 years following resection of low-grade leiomyosarcoma of the rectum. Hanada M, et al. **Acta Pathol Jpn** 1985 Jan;35(1):243-9

Metastatic leiomyosarcoma of iliac bone. Patanaphan V, et al. **NY State J Med** 1985 May;85(5):220-2

SURGERY

Anorectal sarcomas. Molnar L, et al. **Acta Chir Hung** 1985; 26(2):85-91

Leiomyosarcoma of the heart: a twenty-year cure. Fine G, et al. **Henry Ford Hosp Med J** 1985;33(1):41-4

Duodenal leiomyosarcoma and its multiple recurrences: good surgical result after three years of follow-up. Pedrazzoli S, et al. **Ital J Surg Sci** 1984;14(4):321-6

Primary leiomyosarcoma of the lesser sac--report of a case. Souda K, et al. **Jpn J Surg** 1984 Nov;14(6):505-9

Leiomyosarcoma of the breast--a case report and an electron microscopic study. Yatsuka K, et al. **Jpn J Surg** 1984 Nov; 14(6):494-8

[Malignant tumors of the large vessels. 2 case reports] Hermanek P Jr, et al. **Chirurg** 1985 Feb;56(2):120-2 **(Ger)**

[Purely mesenchymal homologous uterus sarcomas (leiomyosarcomas and endometrial stroma sarcomas) at the Zurich University Gynecologic Hospital] Bronz L, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):288-93 (Eng. Abstr.) **(Ger)**

[Radical surgical treatment of leiomyosarcoma of the inferior vena cava] Cassinelli GB, et al. **Minerva Chir** 1984 Jul 15-31;39(13-14):1041-5 (Eng. Abstr.) **(Ita)**

[A case of leiomyosarcoma of the spermatic cord] Noya G, et al. **Minerva Chir** 1984 Sep 30;39(18):1265-8 (Eng. Abstr.) **(Ita)**

[Possibilities of the organ-sparing surgical treatment of leiomyosarcoma in young women] Madej J, et al. **Ginekol Pol** 1985 Jan;56(1):9-12 (Eng. Abstr.) **(Pol)**

[Late result of the surgical treatment of a malignant tumor developing in the cavity of a congenital lung cyst in a 2-year-old child] Boikov GA, et al. **Pediatriia** 1985 Jan; (1):54 **(Rus)**

THERAPY

Leiomyosarcoma of the prostate. Mottola A, et al. **Eur Urol** 1985;11(2):131-3

VETERINARY

Neurofibrosarcoma and leiomyosarcoma in slaughterhouse broilers. Anderson WI, et al. **Avian Dis** 1985 Apr-Jun; 29(2):521-7

Disseminated leiomyosarcoma in a Bengal tiger. Saunders G. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1387-8

A seminoma and a leiomyosarcoma in an albino African lungfish (Protopterus dolloi). Hubbard GB, et al. **J Wildl Dis** 1985 Jan;21(1):72-4

LEISHMANIA

The development of a solid phase radioimmunoassay for the detection of leishmanial parasites in the sand fly. Frankenburg S, et al. **Am J Trop Med Hyg** 1985 Mar; 34(2):266-9

Natural infections with promastigotes in man-biting species of sand flies in leishmaniasis-endemic areas of Ecuador. Hashiguchi Y, et al. **Am J Trop Med Hyg** 1985 May; 34(3):440-6

ANALYSIS

The Leishmania receptor for macrophages is a lipid-containing glycoconjugate. Handman E, et al. **EMBO J** 1985 Feb;4(2):329-36

An amphipathic sulphated glycoconjugate of Leishmania: characterization with monoclonal antibodies. Handman E, et al. **EMBO J** 1984 Oct;3(10):2301-6

Formation of (1-----2)-linked beta-D-mannopyranan by Leishmania mexicana amazonensis: relationship with certain Crithidia and Herpetomonas species. Previato JO, et al. **J Parasitol** 1984 Jun;70(3):449-50

Comparative study of the ribosomal RNA from Leishmania and Trypanosoma. Villalba E, et al. **J Protozool** 1985 Feb; 32(1):49-53

Lipid analyses of isolated surface membranes of Leishmania donovani promastigotes. Wassef MK, et al. **Lipids** 1985 Feb;20(2):108-15

Evidence that the major surface proteins of three Leishmania species are structurally related. Etges RJ, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):141-9

Partial chemical characterization of the carbohydrate moieties in Leishmania adleri glycoconjugates. Palatnik CB, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):41-54

CLASSIFICATION

Restriction endonuclease analysis of Leishmania kinetoplast DNA characterizes parasites responsible for visceral and cutaneous disease. Jackson PR, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):808-19

Identification of pathogenic Leishmania promastigotes by DNA: DNA hybridization with kinetoplast DNA cloned into E. coli plasmids. Lawrie JM, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):257-65

Two-dimensional electrophoresis used to differentiate the causal agents of American tegumentary leishmaniasis. Saravia NG, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2048-52

Identification of species, strains and clones of Leishmania by characterization of kinetoplast DNA minicircles. Spithill TW, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):217-36

The identity of Leishmania tarentolae Wenyon 1921. Wallbanks KR, et al. **Parasitology** 1985 Feb;90 (Pt 1):67-78

Identification of human stocks of Leishmania spp. isolated from patients with mucocutaneous leishmaniasis in Três Braços, Bahia, Brazil [letter] Cuba Cuba CA, et al.

Trans R Soc Trop Med Hyg 1984;78(5):708-10

Isoenzyme characterization of Leishmania isolates from human cases of cutaneous leishmaniasis in Urfa, south-east Turkey [letter] Gramiccia M, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):568

Characterization of Leishmania isolates from children with visceral infections contracted in Alexandria, Egypt [letter] Mansour NS, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):704

On the identity of Leishmania mexicana pifanoi and L. mexicana garnhami [letter] Momen H, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):701-2

[Presence of Leishmania major Yakimoff and Schokhor, 1914 in Mali. Enzymatic identification of a strain of human origin] Garin JP, et al. **Ann Parasitol Hum Comp** 1985;60(1):93-4 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Phenotypic diversity of cloned lines of Leishmania major promastigotes. Greenblatt CL, et al. **Z Parasitenkd** 1985;71(2):141-57

DRUG EFFECTS

Activity of immunoglobulin G-coated red cell ghosts containing pentamidine against macrophage-contained Leishmania in vitro. Berman JD, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1112-8

Biochemical mechanisms of the antileishmanial activity of sodium stibogluconate. Berman JD, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):916-20

3'-Deoxyinosine as an anti-leishmanial agent: the metabolism and cytotoxic effects of 3'-deoxyinosine in Leishmania tropica promastigotes. Wataya Y, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):677-83

Metabolism of a potential 8-aminoquinoline antileishmanial drug in rat liver microsomes. Theoharides AD, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):181-8

An in-vitro system for determining the activity of compounds against the intracellular amastigote form of Leishmania donovani. Neal RA, et al. **J Antimicrob Chemother** 1984 Nov;14(5):463-75

Antileishmanial activity of human red blood cells containing formycin A. Berman JD, et al. **J Infect Dis** 1985 Apr;151(4):698-703

Leishmania tropica: quantitation of in vitro activity of antileishmanial agents by Giemsa staining, viability, and 3H-formycin B incorporation. Berman JD. **J Parasitol** 1984 Aug;70(4):561-2

Intracellular parasite killing induced by electron carriers. I. Effect of electron carriers on intracellular Leishmania spp. in macrophages from different genetic backgrounds. Mauel J. **Mol Biochem Parasitol** 1984 Sep;13(1):83-96

Intracellular parasite killing induced by electron carriers. II. Correlation between parasite killing and the induction of oxidative events in macrophages. Mauel J, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):97-110

Inhibition of in vivo and in vitro infectivity of Leishmania donovani by tunicamycin. Nolan TJ, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):127-35

Anti-parasite activity of nucleoside analogues in Leishmania tropica promastigotes. Wataya Y, et al. **Nucleic Acids Symp Ser** 1984;(15):69-71

Antidepressants cause lethal disruption of membrane function in the human protozoan parasite Leishmania. Zilberstein D, et al. **Science** 1984 Nov 23;226(4677):977-9

Anti-leishmanial effect of allopurinol ribonucleoside and the related compounds, allopurinol, thiopurinol, thiopurinol ribonucleoside, and of formycin B, sinefungin and the lepidine WR6026. Neal RA, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):122-8

ENZYMOLOGY

Isoenzyme patterns of Leishmania isolates from Colombia. Werner JK, et al. **Am J Trop Med Hyg** 1985 May;34(3):438-9

Purification and characterization of the bifunctional thymidylate synthetase-dihydrofolate reductase from methotrexate-resistant Leishmania tropica. Meek TD, et al. **Biochemistry** 1985 Jan 29;24(3):678-86

Purification of particulate malate dehydrogenase and phosphoenolpyruvate carboxykinase from Leishmania mexicana mexicana. Mottram JC, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):310-9

Serine hydroxymethyltransferase activity in Trypanosoma cruzi, Trypanosoma rangeli and American Leishmania spp. Nosei C, et al. **Comp Biochem Physiol [B]** 1985;81(3):701-4

Leishmania mexicana: purine-metabolizing enzymes of amastigotes and promastigotes. Hassan HF, et al. **Exp Parasitol** 1985 Apr;59(2):139-50

Leishmania mexicana: subcellular distribution of enzymes in amastigotes and promastigotes. Mottram JC, et al. **Exp Parasitol** 1985 Jun;59(3):265-74

Leishmania mexicana: enzyme activities of amastigotes and promastigotes and their inhibition by antimonials and arsenicals. Mottram JC, et al. **Exp Parasitol** 1985 Apr;59(2):151-60

Characterization of Leishmania donovani acid phosphatases. Remaley AT, et al. **J Biol Chem** 1985 Jan 25;260(2):880-6

Purification and characterization of proteolytic enzymes of Leishmania mexicana mexicana amastigotes and promastigotes. Pupkis MF, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2375-83

Trypanothione: a novel bis(glutathionyl)spermidine cofactor for glutathione reductase in trypanosomatids. Fairlamb AH, et al. **Science** 1985 Mar 22;227(4693):1485-7

The characterization by isoenzyme electrophoresis of Leishmania isolated in the People's Republic of China. Xu ZB, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):689-93

[A new enzymatic variant of Leishmania infantum Nicolle, 1908, agent of cutaneous leishmaniasis in northern Algeria] Belazzoug S, et al. **Ann Parasitol Hum Comp** 1985;60(1):1-3 (Eng. Abstr.) **(Fre)**

[Ecology of leishmaniasis in Southern France. 18. Enzymatic identification of Leishmania infantum Nicolle, 1908, isolated from Phlebotomus ariasi Tonnoir, 1921, spontaneously infected in the Cévennes] Rioux JA, et al. **Ann Parasitol Hum Comp** 1984;59(4):331-3 (Eng. Abstr.) **(Fre)**

GENETICS

Sequences of six genes and several open reading frames in the kinetoplast maxicircle DNA of Leishmania tarentolae. de la Cruz VF, et al. **J Biol Chem** 1984 Dec 25;259(24):15136-47

Genetic analysis of adenine metabolism in Leishmania donovani promastigotes. Evidence for diploidy at the adenine phosphoribosyltransferase locus. Iovannisci DM, et al. **J Biol Chem** 1984 Dec 10;259(23):14617-23

DNA ampification in antifolate-resistant Leishmania. The thymidylate synthase-dihydrofolate reductase gene and abundant mRNAs. Washtien WL, et al. **J Biol Chem** 1985 Jul 5;260(13):7809-12

Autonomous replication sequences in the maxicircle kinetoplast DNA of Leishmania tarentolae. Hughes D, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):263-75

Characterization of a mutant Leishmania donovani deficient in adenosine kinase activity. Iovannisci DM, et al. **Mol Biochem Parasitol** 1984 Jun;12(2):139-51

Novel identification of differences in the kinetoplast DNA of Leishmania isolates by recombinant DNA techniques and in situ hybridisation. Kennedy WP. **Mol Biochem Parasitol** 1984 Jul;12(3):313-25

Structure of mRNA encoded by tubulin genes in Leishmania enriettii. Landfear SM, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):61-82

Conservative and divergent base sequence regions in the maxicircle kinetoplast DNA of several trypanosomatid flagellates. Maslov DA, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):351-64

Structure and arrangement of the beta-tubulin genes of Leishmania tropica. Huang PL, et al. **Mol Cell Biol** 1984 Jul;4(7):1372-83

Primary sequence and partial secondary structure of the 12S kinetoplast (mitochondrial) ribosomal RNA from Leishmania tarentolae: conservation of peptidyl-transferase structural elements. de la Cruz VF, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2337-56

The divergent region of the Leishmania tarentolae kinetoplast maxicircle DNA contains a diverse set of repetitive sequences. Muhich ML, et al. **Nucleic Acids Res** 1985 May 10;13(9):3241-60

Mapping and 5' end determination of kinetoplast maxicircle gene transcripts from Leishmania tarentolae. Simpson AM, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5977-93

The molecular karyotype of Leishmania major and mapping of alpha and beta tubulin gene families to multiple unlinked chromosomal loci. Spithill TW, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):4155-69

A minimal ribosomal RNA: sequence and secondary structure of the 9S kinetoplast ribosomal RNA from Leishmania tarentolae. de la Cruz VF, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1401-5

Heat shock genes: regulatory role for differentiation in parasitic protozoa. Van der Ploeg LH, et al. **Science** 1985 Jun 21;228(4706):1443-6

[Numerical cladistics of the phylogeny of the genus Leishmania Ross, 1903 (Kinetoplastida-Trypanosomatidae). Use of enzyme characteristics] Lanotte G, et al. **C R Acad Sci [III]** 1984;299(19):769-72 (Eng. Abstr.) **(Fre)**

[Restriction map of maxicircle kinetoplastic DNA of Leishmania gymnodactyli] Kolesnikov AA, et al. **Biol Nauki** 1985;(4):23-6 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

A new defined medium for cultivating Leishmania promastigotes. Melo NM, et al. **Acta Trop (Basel)** 1985 Jun;42(2):137-41

Development of infective stage Leishmania promastigotes within phlebotomine sand flies. Sacks DL, et al. **Am J Trop Med Hyg** 1985 May;34(3):456-9

Leishmanial differentiation in vitro: induction of heat shock proteins. Hunter KW, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):755-60

Differences in expression and exposure of promastigote and amastigote membrane molecules in Leishmania tropica. Sadick MD, et al. **Infect Immun** 1985 Feb;47(2):395-400

Growth cycle-dependent generation of complement-resistant Leishmania promastigotes. Franke ED, et al. **J Immunol** 1985 Apr;134(4):2713-8

Primary isolation and growth patterns of Leishmania donovani in mammalian non-phagocytic cell lines. Meloni GA, et al. **J Parasitol** 1985 Feb;71(1):132-4

Leishmania mexicana pifanoi: antigenic characterization of promastigote and amastigote stages by solid phase radioimmunoassay. Pan AA, et al. **J Parasitol** 1984 Oct;70(5):834-5

Effects of long-term in vitro cultivation on Leishmania donovani promastigotes. Nolan TJ, et al. **J Protozool** 1985 Feb;32(1):70-5

Killing of Trypanosoma cruzi and Leishmania mexicana, and survival of Toxoplasma gondii, in chicken macrophages in vitro. Meirelles MN, et al. **J Submicrosc Cytol** 1985 Jul;17(3):327-34

Differential expression of mRNAs for alpha- and beta-tubulin during differentiation of the parasitic protozoan Leishmania mexicana. Fong D, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5782-6

Growth characteristics of Leishmania spp. in semi-defined and complex media. Tejero F, et al. **Rev Bras Biol** 1984 Nov;44(4):417-23

Depletion of secondary lysosomes in mouse macrophages infected with Leishmania mexicana amazonensis: a cytochemical study. Barbieri CL, et al. **Z Parasitenkd** 1985;71(2):159-68

IMMUNOLOGY

Partial purification and characterization of a human lymphokine which induces antileishmanial activity in mouse macrophages. Buchmuller Y, et al. **Cell Immunol** 1985 Jan;90(1):242-50

Leishmania tropica: differences in the antigenicity of promastigotes and amastigotes. Sadick MD, et al. **Cell Immunol** 1985 Apr 1;91(2):404-14

The respiratory burst is not required for killing of intracellular and extracellular parasites by a lymphokine-activated macrophage cell line. Scott P, et al. **Eur J Immunol** 1985 Jun;15(6):553-8

Leishmania tropica: protective response in C3H mice vaccinated with excreted factor crosslinked with the synthetic adjuvant, muramyl dipeptide. Steinberger A, et al. **Exp Parasitol** 1984 Dec;58(3):223-9

Cytotoxicity of human serum for Leishmania donovani amastigotes: antibody facilitation of alternate complement pathway-mediated killing. Hoover DL, et al. **Infect Immun** 1985 Jan;47(1):247-52

Stage-specific variations in lectin binding to Leishmania donovani. Wilson ME, et al. **Infect Immun** 1984 Oct;46(1):128-34

Effect of passage level in the immunization of Hissar strain albino mice with EH9 strain against Leishmania donovani. Jalees S, et al. **J Commun Dis** 1984 Dec;16(4):295-8

Immunoprophylaxis against kala-azar: effect of immunization with different doses of EH, and HS strains of L. donovani on challenge with the homologous HS and mouse adopted MS strains. Jalees S, et al. **J Commun Dis** 1985 Mar;17(1):46-50

Macrophage complement and lectin-like receptors bind leishmania in the absence of serum. Blackwell JM, et al. **J Exp Med** 1985 Jul 1;162(1):324-31

A common major surface antigen on amastigotes and promastigotes of Leishmania species. Colomer-Gould V, et al. **J Exp Med** 1985 Sep 1;162(3):902-16

Complement-mediated serum cytotoxicity for Leishmania major amastigotes: killing by serum deficient in early components of the membrane attack complex. Hoover DL, et al. **J Immunol** 1985 Jul;135(1):570-4

Leishmania amastigotes: resistance to complement-mediated lysis is not due to a failure to fix C3. Mosser DM, et al. **J Immunol** 1985 Jun;134(6):4128-31

Subspecies- and species-specific antigens of Leishmania mexicana characterized by monoclonal antibodies. Pratt DM, et al. **J Immunol** 1985 Mar;134(3):1935-40

Identification of cell surface carbohydrate and antigenic changes between noninfective and infective developmental stages of Leishmania major promastigotes. Sacks DL, et al. **J Immunol** 1985 Jul;135(1):564-9

A comparison of selected immunological techniques used to detect anti-leishmanial antibodies in the sera of two reptile species. Ingram GA, et al. **J Immunol Methods** 1984 Dec 14;75(1):53-64

Lipid and lipopolysaccharide-like antigens of Leishmania promastigotes. Slutzky GM, et al. **J Protozool** 1985 May;32(2):347-52

Immunization with Leishmania receptor for macrophages protects mice against cutaneous leishmaniasis. Handman E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5910-4

C-reactive protein binds leishmanial excreted factors. Pritchard DG, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):500-3

Anti-leishmania IgA immunoenzymatic assay in mucocutaneous leishmaniasis (preliminary report). Guimarães MC, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):353-6

Responses of European green lizards Lacerta viridis following administration of Leishmania agamae promastigotes. Ingram GA, et al. **Vet Parasitol** 1984 Dec 17(1):1-15

Solubilization and partial purification of a cell surface component of Leishmania braziliensis. Misle JA, et al. **Z Parasitenkd** 1985;71(4):419-28

[Monoclonal antibodies against defined Leishmania antigens protect mice against infection by different species of Leishmania] Monjour L, et al. **C R Acad Sci [III]** 1985;

300(9):395-8 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Mucocutaneous leishmaniasis in Colombia: Leishmania braziliensis subspecies diversity. Saravia NG, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):714-20

Leishmania chagasi and L. donovani: experimental infections in domestic cats. Kirkpatrick CE, et al. **Exp Parasitol** 1984 Oct;58(2):125-31

Leishmanin skin testing in the diagnosis of American cutaneous leishmaniasis. Freeman K, et al. **Int J Dermatol** 1985 Jan-Feb;24(1):52-3

Leishmania infections in Lutzomyia longipalpis (Diptera:Psychodidae) on the island of São Luis, Maranhão State, Brazil. Ryan L, et al. **Mem Inst Oswaldo Cruz** 1984 Jul-Sep;79(3):383-4

A rapid chromatographic method for elimination of fungal contamination in in vitro cultures of Leishmania spp. Okot-Kotber BM. **Parasitology** 1985 Aug;91 (Pt 1):1-7

Leishmania donovani parasitaemia in Kenyan visceral leishmaniasis. Chulay JD, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):218-22

A simple procedure for the isolation of leishmanial parasites and for the recovery of parasite virulence in avirulent stocks [letter] Grimaldi G Jr, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):560

Leishmania isolated from wild mammals caught in endemic areas of leishmaniasis in Ecuador. Hashiguchi Y, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):120-1

A new record of Sergentomyia garnhami (Heisch, Guggisberg and Teesdale, 1956) in Kenya [letter] Mutinga MJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):137-8

Isolation of the agent causing cutaneous leishmaniasis in Italy and its visceralization in inbred hamsters. Pozio E, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):260-1

In vitro and in vivo isolation of Leishmania tropica from Saudi Arabia. Mahmoud AA, et al. **Z Parasitenkd** 1985; 71(2):271-2

[Phlebotomus of Portugal. I--Natural infestation of Phlebotomus ariasi Tonnoir, 1921 and Phlebotomus perniciosus Newstead, 1911, by Leishmania in the zoonotic focus of Arrabida (Portugal)] Pires CA. **Ann Parasitol Hum Comp** 1984;59(5):521-4 (Eng. Abstr.) **(Fre)**

[Natural infection of Lutzomyia intermedia Lutz & Neiva, 1912, in an endemic area of visceral leishmaniasis of Rio de Janeiro] Rangel EF, et al. **Mem Inst Oswaldo Cruz** 1984 Jul-Sep;79(3):395-6 (Eng. Abstr.) **(Por)**

[Didelphis marsupialis: principal reservoir of Leishmania spp in the city of Trujillo, Venezuela] Scorza JV, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):194-200 (Eng. Abstr.) **(Spa)**

METABOLISM

The effect of formycin B on mRNA translation and uptake of purine precursors in Leishmania mexicana. Nolan LL, et al. **Biochem Int** 1984 Aug;9(2):207-18

Inosine analogs. Their metabolism in mouse L cells and in Leishmania donovani. LaFon SW, et al. **J Biol Chem** 1985 Aug 15;260(17):9660-5

The mouse macrophage receptor for C3bi (CR3) is a major mechanism in the phagocytosis of Leishmania promastigotes. Mosser DM, et al. **J Immunol** 1985 Oct; 135(4):2785-9

Macromolecular synthesis in Leishmania donovani amastigotes. Mukkada AJ. **J Parasitol** 1985 Jun;71(3):365-6

Sterols of ketoconazole-inhibited Leishmania mexicana mexicana promastigotes. Goad LJ, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):257-70

Glucose transport in Leishmania donovani promastigotes. Zilberstein D, et al. **Mol Biochem Parasitol** 1984 Jul; 12(3):327-36

Induction of heat shock and stress proteins in promastigotes of three Leishmania species. Lawrence F, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4414-7

Protonmotive force-driven active transport of D-glucose and L-proline in the protozoan parasite Leishmania donovani. Zilberstein D, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1716-20

Enhanced metabolism of Leishmania donovani amastigotes at acid pH: an adaptation for intracellular growth. Mukkada AJ, et al. **Science** 1985 Sep 13;229(4718):1099-101

[Species specificity of the cleavage of Leishmania kinetoplast DNA by restrictases] Kolesnikov AA, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):37-41 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Liposomes in leishmaniasis: effects of parasite virulence on treatment of experimental leishmaniasis in hamsters. Alving CR, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):279-86

Leishmania braziliensis: cell surface differences in promastigotes of pathogenic and nonpathogenic strains. Ayesta C, et al. **Exp Parasitol** 1985 Apr;59(2):185-91

Arachidonic acid metabolism by murine peritoneal macrophages infected with Leishmania donovani: in vitro evidence for parasite-induced alterations in cyclooxygenase and lipoxygenase pathways. Reiner NE, et al. **J Immunol** 1985 Jan;134(1):556-63

Enhancement of infectivity of Leishmania donovani promastigotes by serial mouse passages. Katakura K, et al. **J Parasitol** 1985 Jun;71(3):393-4

Leishmania mexicana pifanoi: in vivo and in vitro interactions between amastigotes and macrophages. Pan AA, et al. **Z Parasitenkd** 1985;71(1):3-13

[Possibility of long flights of mosquitoes to the settlements under protective control of gerbil colonies] Strelkova MV, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):64-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Modification of sand fly biting behavior by Leishmania leads to increased parasite transmission. Beach R, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):278-82

The interaction of Leishmania donovani promastigotes and human fibroblasts in vitro. Schwartzman JD, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):850-5

Leishmania major: excreted factor, calcium ions, and the survival of amastigotes. Eilam Y, et al. **Exp Parasitol** 1985 Apr;59(2):161-8

A study of the differential respiratory burst activity elicited by promastigotes and amastigotes of Leishmania donovani in murine resident peritoneal macrophages. Channon JY, et al. **Immunology** 1984 Oct;53(2):345-55

In vitro parasite-monocyte interactions in human leishmaniasis: possible role of fibronectin in parasite attachment. Wyler DJ, et al. **Infect Immun** 1985 Aug; 49(2):305-11

Macrophage activation for microbicidal activity against Leishmania major: inhibition of lymphokine activation by phosphatidyicholine-phosphatidylserine liposomes. Gilbreath MJ, et al. **J Immunol** 1985 May;134(5):3420-5

Macrophage activation to kill Leishmania tropica: characterization of P/J mouse macrophage defects for lymphokine-induced antimicrobial activities against Leishmania tropica amastigotes. Nacy CA, et al. **J Immunol** 1984 Dec;133(6):3344-50

Cell contact-mediated macrophage activation for antileishmanial defense. I. Lymphocyte effector mechanism that is contact dependent and noncytotoxic. Panosian CB, et al. **J Immunol** 1984 Dec;133(6):3358-65

Receptor-mediated entry of peroxidases into the parasitophorous vacuoles of macrophages infected with Leishmania Mexicana amazonensis. Rabinovitch M, et al. **J Leukocyte Biol** 1985 Mar;37(3):247-61

Fluorogenic substrate detection of viable intracellular and extracellular pathogenic protozoa. Jackson PR, et al. **Science** 1985 Jan 25;227(4685):435-8

Habitat and seasonality of Psychodopygus wellcomei help incriminate it as a vector of Leishmania braziliensis in Amazônia and northeast Brazil. Ready PD, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):543-4

RADIATION EFFECTS

[Immunization of BALB/c mice with cultured amastigotes of Leishmania mexicana amazonensis: protection by gamma-irradiated parasites] Hu XS, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):1-5 (Eng. Abstr.) **(Chi)**

ULTRASTRUCTURE

Evaluation of different subcellular fractions of Leishmania donovani for immunodiagnosis of visceral leishmaniasis. Mukerji K, et al. **Indian J Exp Biol** 1984 Mar;22(3):120-2

Fine structure and cytochemistry of the endoplasmic reticulum and its association with the plasma membrane of Leishmania mexicana amazonensis. Pimenta PF, et al. **J Submicrosc Cytol** 1985 Jul;17(3):413-9

The occurrence of glycosomes (microbodies) in the promastigote stage of four major Leishmania species. Hart DT, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):159-72

LEISHMANIASIS

Clinical aspects of cutaneous leishmaniasis acquired in Texas. Nelson DA, et al. **J Am Acad Dermatol** 1985 Jun; 12(6):985-92

BLOOD

In vitro parasite-monocyte interactions in human leishmaniasis: possible role of fibronectin in parasite attachment. Wyler DJ, et al. **Infect Immun** 1985 Aug; 49(2):305-11

COMPLICATIONS

Tissue eosinophilia and Leishmania mexicana mexicana eosinophil interactions in murine cutaneous leishmaniasis. Grimaldi G Jr, et al. **Parasite Immunol** 1984 Sep; 6(5):397-408

DIAGNOSIS

A review of biopsies performed on children in the Eastern Province of Saudi Arabia. Melha AA, et al. **East Afr Med J** 1984 Nov;61(11):853-8

Cutaneous leishmaniasis due to Leishmania braziliensis in an Israeli tourist. The importance of accurate diagnosis and appropriate therapy. Dan M, et al. **Isr J Med Sci** 1985 May;21(5):456-7

Leads from the **MMWR**. Cutaneous leishmaniasis—Ohio. **JAMA** 1985 Sep 13;254(10):1295

Cutaneous leishmaniasis in an infant. Reed BR, et al. **Pediatr Dermatol** 1983 Oct;1(2):142-5

[The 2 first cases of cutaneous leishmaniasis due to Leishmania mexicana amazonensis in French Guiana] Dedet JP, et al. **Bull Soc Pathol Exot Filiales** 1985; 78(1):64-70 (Eng. Abstr.) **(Fre)**

[A case of laryngeal leishmaniasis with a long course] Ravisse P, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun; 77(3):305-11 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Electrocardiographic changes during treatment of leishmaniasis with pentavalent antimony (sodium stibogluconate). Chulay JD, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):702-9

American cutaneous leishmaniasis: a comparison of three sodium stibogluconate treatment schedules. Oster CN, et al. **Am J Trop Med Hyg** 1985 Sep;34(5):856-60

Development of topical treatment for cutaneous leishmaniasis caused by Leishmania major in experimental animals. El-On J, et al. **Antimicrob Agents Chemother** 1984 Nov; 26(5):745-51

Topical treatment with imidazole for cutaneous leishmaniasis. Brenner S. **Isr J Med Sci** 1985 Feb;21(2):163-4

Pentavalent antimonial treatment in mucosal leishmaniasis [letter] Sampaio RN, et al. **Lancet** 1985 May 11; 1(8437):1097

Recurrences of tegumentary leishmaniasis [letter] Weigle KA, et al. **Lancet** 1985 Sep 7;2(8454):557-8

Furazolidone treatment of cutaneous leishmaniasis. Costa JM, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):274

Anti-leishmanial effect of allopurinol ribonucleoside and the related compounds, allopurinol, thiopurinol, thiopurinol ribonucleoside, and of formycin B, sinefungin and the lepidine WR6026. Neal RA, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):122-8

[South American leishmaniasis in medical practice. Therapeutic problems] Heimgartner E, et al. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):779-83 (Eng. Abstr.) **(Ger)**

[Experimental chemotherapy in cutaneous leishmaniasis. III. Effect of glucantime and humatin (P&D) on Leishmania garnhami and Leishmania braziliensis in hamsters] Rezzano S, et al. **Acta Cient Venez** 1984;35(5-6):394-403 (Eng. Abstr.) **(Spa)**

[Treatment of cutaneous leishmaniasis with glucantime. Apropos of 9 cases] Ramos Garcia AN, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):151-9 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Arachidonic acid metabolism in murine leishmaniasis (Donovani): ex-vivo evidence for increased cyclooxygenase and 5-lipoxygenase activity in spleen cells. Reiner NE, et al. **Cell Immunol** 1984 Oct 15;88(2):501-10

ETIOLOGY

Cutaneous leishmaniasis—Ohio. **MMWR** 1985 Aug 23; 34(33):515-6

[Possibility of long flights of mosquitoes to the settlements under protective control of gerbil colonies] Strelkova MV, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):64-7 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

An H-11-linked gene has a parallel effect on Leishmania major and L. donovani infections in mice. Blackwell JM, et al. **Immunogenetics** 1985;21(4):385-95

IMMUNOLOGY

In situ characterization of the cellular immune response in American cutaneous leishmaniasis. Modlin RL, et al. **Clin Exp Immunol** 1985 May;60(2):241-8

Human monocytes infected with leishmania amastigotes enhance lymphocyte proliferation. Passwell J, et al. **Clin Exp Immunol** 1985 Jun;60(3):565-71

Leishmania tropica: protective response in C3H mice vaccinated with excreted factor crosslinked with the synthetic adjuvant, muramyl dipeptide. Steinberger A, et al. **Exp Parasitol** 1984 Dec;58(3):223-9

Specific suppressor T cells for delayed-type hypersensitivity in susceptible mice immunized against cutaneous leishmaniasis. Dhaliwal JS, et al. **Infect Immun** 1985 Aug; 49(2):417-23

Relationship between delayed hypersensitivity response and acquired cell-mediated immunity in C57BL/6J mice infected with Leishmania donovani. Fahey JR, et al. **Infect Immun** 1985 Aug;49(2):447-51

Macrophage activation to kill Leishmania tropica: characterization of P/J mouse macrophage defects for lymphokine-induced antimicrobial activities against Leishmania tropica amastigotes. Nacy CA, et al. **J Immunol** 1984 Dec;133(6):3344-50

Cell contact-mediated macrophage activation for antileishmanial defense. I. Lymphocyte effector mechanism that is contact dependent and noncytotoxic. Panosian CB, et al. **J Immunol** 1984 Dec;133(6):3358-65

Cell contact-mediated macrophage activation for antileishmanial defense. II. Identification of effector cell phenotype and genetic restriction. Sypek JP, et al. **J Immunol** 1984 Dec;133(6):3351-7

Parasite-monocyte interactions in human leishmaniasis: production of interleukin-1 in vitro. Crawford GD, et al. **J Infect Dis** 1985 Aug;152(2):315-22

Increased serum IgE levels in cutaneous leishmaniasis. Danon YL, et al. **Milit Med** 1985 Jun;150(6):314-6

Impaired macrophage leishmanicidal activity at cutaneous temperature. Scott P. **Parasite Immunol** 1985 May; 7(3):277-88

Mechanisms of acquired immunity in leishmaniasis. Howard JG, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):87-98 (40 ref.)

Immunity to cutaneous leishmaniasis [letter] Nadim A. **Trans R Soc Trop Med Hyg** 1984;78(6):848

METABOLISM

Arachidonic acid metabolism by murine peritoneal macrophages infected with Leishmania donovani: in vitro evidence for parasite-induced alterations in cyclooxygenase and lipoxygenase pathways. Reiner NE, et al. **J Immunol** 1985 Jan;134(1):556-63

OCCURRENCE

Autochthonous cutaneous-subcutaneous leishmaniasis on Taiwan. Cross JH, et al. **Am J Trop Med Hyg** 1985 Mar; 34(2):254-6

Human cutaneous leishmaniasis acquired in Texas. Gustafson TL, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):58-63

Some aspects of the epidemiology of cutaneous leishmaniasis in the Al-Kharaj area of Saudi Arabia. Mahmoud AA, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):605-9

Urban cutaneous leishmaniasis in Kerman, Southeast Iran. Seyedi-Rashti MA, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):312-9

Survey of 259 cases of American cutaneous leishmaniasis in Nicaragua. Missoni E, et al. **J Trop Med Hyg** 1984 Aug; 87(4):159-65

Epidemiology in Nicaragua [letter] Morelli R, et al. **Lancet** 1985 Sep 7;2(8454):556

Endemic cutaneous leishmaniasis in Barquisimeto, Venezuela [letter] Bonfante-Garrido R. **Trans R Soc Trop Med Hyg** 1984;78(6):849-50

Isoenzyme characterization of Leishmania isolates from human cases of cutaneous leishmaniasis in Urfa, south-east Turkey [letter] Gramiccia M, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):568

[Hypotheses on the origin of certain parasites on the Latin American continent] Nozais JP. **Bull Soc Pathol Exot Filiales** 1985;78(3):401-12 (Eng. Abstr.) **(Fre)**

[Autochthonous cutaneous leishmaniasis in the Var department (letter)] Verdier MJ, et al. **Presse Med** 1984 Sep 22;13(32):1961 **(Fre)**

[Endemic focus of cutaneous leishmaniasis in Quezi'ot] Giladi M, et al. **Harefuah** 1984 Aug;107(3-4):57-9 (Eng. Abstr.) **(Heb)**

[Epizootiology and natural foci of zoonotic cutaneous leishmaniasis at the Tedzhen Oasis] Ponirovskii EN, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):13-8 (Eng. Abstr.) **(Rus)**

[Urban cutaneous leishmaniasis in Barquisimeto, Venezuela] Bonfante-Garrido R, et al. **Bol Of Sanit Panam** 1984 Aug; 97(2):105-10 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Restriction endonuclease analysis of Leishmania kinetoplast DNA characterizes parasites responsible for visceral and cutaneous disease. Jackson PR, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):808-19

Two-dimensional electrophoresis used to differentiate the causal agents of American tegumentary leishmaniasis. Saravia NG, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2048-52

Identification of cell surface carbohydrate and antigenic changes between noninfective and infective developmental stages of Leishmania major promastigotes. Sacks DL, et al. **J Immunol** 1985 Jul;135(1):564-9

Zoonotic cutaneous leishmaniasis in Saudi Arabia: lesions healing naturally in man followed by a second infection with the same zymodeme of Leishmania major. Killick-Kendrick R, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):363-5

Cutaneous leishmaniasis in Belize, Central America, and identity of the causative parasite [letter] Lainson R. **Trans R Soc Trop Med Hyg** 1984;78(6):851-2

Isolation of the agent causing cutaneous leishmaniasis in Italy and its visceralization in inbred hamsters. Pozio E, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):260-1

In vitro and in vivo isolation of Leishmania tropica from Saudi Arabia. Mahmoud AA, et al. **Z Parasitenkd** 1985; 71(2):271-2

[Phlebotomus of Portugal. I--Natural infestation of Phlebotomus ariasi Tonnoir, 1921 and Phlebotomus perniciosus Newstead, 1911, by Leishmania in the zoonotic focus of Arrabida (Portugal)] Pires CA. **Ann Parasitol Hum Comp** 1984;59(5):521-4 (Eng. Abstr.) **(Fre)**

[Holochilus brasiliensis nanus Thomas, 1897. Suggestion for an experimental model for filariasis, leishmaniasis and schistosomiasis] Bastos O de C, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):307-15 (Eng. Abstr.) **(Por)**

[Cutaneous leishmaniasis in Amazonia. Report of the 1st human case of mixed infection, determined by 2 different Leishmania species: Leishmania brasiliensis and Leishmania mexicana amazonensis] Silveira FT, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):272-5 (Eng. Abstr.) **(Por)**

[Geographical variability of the causative agent of zoonotic cutaneous leishmaniasis] Ni GV. **Parazitologiia** 1985 May-Jun;19(3):226-31 (Eng. Abstr.) **(Rus)**

PATHOLOGY

The ultrastructural morphology of human cutaneous leishmaniasis of low parasite load. el Hassan AM, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):501-5

'Localized' leishmania lymphadenitis: a light and electron microscopic study. Azadeh B. **Am J Trop Med Hyg** 1985 May;34(3):447-55

Amyloidosis in experimental tegumentary leishmaniasis in mice. Barbosa-Santos EG, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1270-1

Preliminary study of clinical, histopathological and immunological correlation of Mexican cutaneous leishmaniasis in man. Andrade-Narvaez F, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):267-80 **(Eng, Spa)**

An ultrastructural investigation of Leishmania donovani infection in genetically resistant and susceptible mouse strains. Weldon PR, et al. **Can J Microbiol** 1985 Mar; 31(3):256-60

Lymph node involvement in leishmaniasis. Berger TG, et al. **J Am Acad Dermatol** 1985 Jun;12(6):993-6

[Post-kala-azar dermal leishmaniasis or diffuse cutaneous leishmaniasis] Cavelier B, et al. **Ann Dermatol Venereol** 1984;111(6-7):579-86 **(Fre)**

[Comparison of tuberculosis cutis luposa and cutaneous leishmaniasis] Kaufmann I, et al. **Z Hautkr** 1985 Jan; 60(1-2):93-9 (Eng. Abstr.) **(Ger)**

[A case of cutaneous leishmaniasis presumably of the urban type against a background of long-term epidemiological health in Andizhan] Rozina VF, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):86-7 (Eng. Abstr.) **(Rus)**

[Malignant degeneration of cutaneous leishmaniasis] Belkin BG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):40-3 **(Rus)**

[Leishmaniasis in children. Recent progress] Carrada-Bravo T. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):356-62 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Prophylactic immunization against experimental leishmaniasis. IV. Subcutaneous immunization prevents the induction of protective immunity against fatal Leishmania major infection. Liew FY, et al. **J Immunol** 1985 Sep; 135(3):2095-101

Prophylactic immunization against experimental leishmaniasis. V. Mechanism of the anti-protective blocking effect induced by subcutaneous immunization against Leishmania major infection. Liew FY, et al. **J Immunol** 1985 Sep;135(3):2102-7

Immunization with Leishmania receptor for macrophages protects mice against cutaneous leishmaniasis. Handman E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5910-4

Selective primary health care: strategies for control of disease in the developing world. XIV. Leishmaniasis. Marsden PD. **Rev Infect Dis** 1984 Sep-Oct;6(5):736-44 (54 ref.)

[Monoclonal antibodies against defined Leishmania antigens protect mice against infection by different species of Leishmania] Monjour L, et al. **C R Acad Sci [III]** 1985; 300(9):395-8 (Eng. Abstr.) **(Fre)**

[Economic evaluation of various methods of sanitation of territories endemic for zoonotic cutaneous leishmaniasis (based on the example of the Golodnaia and Dzhizak steppes of the Uzbek S.S.R.)] Zhakhangirov ShM, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):62-8 (Eng. Abstr.) **(Rus)**

[Prevention of zoonotic cutaneous leishmaniasis in the army] Uskov NE, et al. **Voen Med Zh** 1984 Aug;(8):42-3 **(Rus)**

SURGERY

[Topical treatment of cutaneous leishmaniasis with a carbon dioxide laser] Babaev OG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):52-5 (Eng. Abstr.) **(Rus)**

THERAPY

Observations on local heat treatment for cutaneous leishmaniasis. Neva FA, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):800-4

Therapeutic effect of anti-L3T4 monoclonal antibody GK1.5 on cutaneous leishmaniasis in genetically-susceptible BALB/c mice. Titus RG, et al. **J Immunol** 1985 Sep; 135(3):2108-14

TRANSMISSION

Modification of sand fly biting behavior by Leishmania leads to increased parasite transmission. Beach R, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):278-82

Possible reservoir host(s) of zoonotic cutaneous leishmaniasis in Al-Hassa oasis, Saudi Arabia. Elbihari S, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):543-5

The zoonotic potential of reservoirs of leishmaniasis in the Old World. Bray RS. **Ecol Dis** 1982;1(4):257-67 (109 ref.)

Mycoses, bacterial infections and antibacterial activity in sandflies (Psychodidae) and their possible role in the transmission of leishmaniasis. Schlein Y, et al. **Parasitology** 1985 Feb;90 (Pt 1):57-66

Cutaneous leishmaniasis in Kenya: transmission of Leishmania major to man by the bite of a naturally infected Phlebotomus duboscqi. Beach R, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):747-51

New records of phlebotomines, leishmaniasis and mosquitoes from Suriname [letter] Hudson JE, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):418-9

Zoonotic cutaneous leishmaniasis in Saudi Arabia: the incrimination of Phlebotomus papatasi as the vector in the Al-Hassa oasis. Killick-Kendrick R, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):252-5

Leishmaniasis in Israel: reservoir hosts, sandfly vectors and leishmanial strains in the Negev, Central Arava and along the Dead Sea. Schlein Y, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):480-4

[Factors determining the infectivity of the vectors of the causative agent of zoonotic cutaneous leishmaniasis and the possibility of computed prognosis of this index] Lapin VA, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):24-31 (Eng. Abstr.) **(Rus)**

[Experimental transmission of Leishmania garnhami to the hamster by the bite of Lutzomyia townsendi] Scorza JV, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):139-45 (Eng. Abstr.) **(Spa)**

VETERINARY

Leishmaniasis in the south-east of Spain: preliminary results of a serological and parasitological study in dogs. Segovia M, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):337-8

Natural hosts of Leishmania mexicana amazonensis Lainson and Shaw, 1972 (Kinetoplastida: Trypanosomatidae) in French Guiana. Dedet JP, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):302-5

Leishmania isolated from wild mammals caught in endemic areas of leishmaniasis in Ecuador. Hashiguchi Y, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):120-1

[Didelphis marsupialis: principal reservoir of Leishmania spp. in the city of Trujillo, Venezuela] Scorza JV, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):194-200 (Eng. Abstr.) **(Spa)**

LEISHMANIASIS AMERICANA see **LEISHMANIASIS, MUCOCUTANEOUS**

LEISHMANIASIS, CUTANEOUS see **LEISHMANIASIS**

LEISHMANIASIS, MUCOCUTANEOUS

DIAGNOSIS

Leishmanin skin testing in the diagnosis of American cutaneous leishmaniasis. Freeman K, et al. **Int J Dermatol** 1985 Jan-Feb;24(1):52-3

Cutaneous leishmaniasis due to Leishmania braziliensis in an Israeli tourist. The importance of accurate diagnosis and appropriate therapy. Dan M, et al. **Isr J Med Sci** 1985 May;21(5):456-7

Clinical characteristics of human Leishmania braziliensis braziliensis infections [letter] Llanos Cuentas EA, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):845-6

[A case of bouton d'orient] Koulmann M, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):117-21 (Eng. Abstr.) **(Fre)**

[Leishmania brasiliensis infection] Verner E, et al. **Harefuah** 1985 Feb 15;108(4):185-6 (Eng. Abstr.) **(Heb)**

DRUG THERAPY

High continuous antimony therapy in two patients with unresponsive mucosal leishmaniasis. Marsden PD, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):710-3

Allopurinol treatment in human Leishmania braziliensis braziliensis infections [letter] Marsden PD, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):701

[South American leishmaniasis in medical practice. Therapeutic problems] Heimgartner E, et al. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):779-83 (Eng. Abstr.) **(Ger)**

[Experimental chemotherapy in cutaneous leishmaniasis. III. Effect of glucantime and humatin (P&D) on Leishmania garnhami and Leishmania braziliensis in hamsters] Rezzano S, et al. **Acta Cient Venez** 1984;35(5-6):394-403 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Lymphocyte transformation test in patients with American leishmaniasis. Pagnano PM, et al. **Dermatologica** 1985; 170(1):22-6

Anti-leishmania IgA immunoenzymatic assay in mucocutaneous leishmaniasis (preliminary report). Guimarães MC, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):353-6

Leishmania braziliensis guyanensis dermal leishmaniasis: cell-mediated immunity related to clinical features. Barbier D, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):47-50

OCCURRENCE

Survey of 259 cases of American cutaneous leishmaniasis in Nicaragua. Missoni E, et al. **J Trop Med Hyg** 1984 Aug; 87(4):159–65

Study of an outbreak of cutaneous leishmaniasis in Venezuela. The role of domestic animals. Aguilar CM, et al. **Mem Inst Oswaldo Cruz** 1984 Apr–Jun;79(2):181–95

[Cutaneous leishmaniasis in Panama. A brief review] Christensen HA, et al. **Rev Med Panama** 1984 Sep; 9(3):182–7 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Mucocutaneous leishmaniasis in Colombia: Leishmania braziliensis subspecies diversity. Saravia NG, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):714–20

Growth cycle-dependent generation of complement-resistant Leishmania promastigotes. Franke ED, et al. **J Immunol** 1985 Apr;134(4):2713–8

Identification of human stocks of Leishmania spp. isolated from patients with mucocutaneous leishmaniasis in Três Braços, Bahia, Brazil [letter] Cuba Cuba CA, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):708–10

[Cutaneous leishmaniasis in Amazonia. Report of the 1st human case of mixed infection, determined by 2 different Leishmania species: Leishmania brasiliensis and Leishmania mexicana amazonensis] Silveira FT, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep–Oct;26(5):272–5 (Eng. Abstr.) **(Por)**

PATHOLOGY

Leishmania braziliensis braziliensis infection of the nipple. Marsden PD, et al. **Br Med J [Clin Res]** 1985 Feb 9; 290(6466):433–4

Lone laryngeal leishmaniasis [letter] Marsden PD, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):424–5

Spontaneous healing of Leishmania braziliensis braziliensis skin ulcers [letter] Marsden PD, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):561–2

PREVENTION & CONTROL

An experimental vaccine against American dermal leishmaniasis: experience in the State of Espirito Santo, Brazil. Mayrink W, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):259–69

Immunization of susceptible BALB/c mice against Leishmania braziliensis. I. Resistance induced using as immunogen adherent or nonadherent cells from infected mice. Gorczynski RM. **Cell Immunol** 1985 Aug;94(1):1–10

Immunization of susceptible BALB/c mice against Leishmania braziliensis. II. Use of temperature-sensitive avirulent clones of parasite for vaccination purposes. Gorczynski RM. **Cell Immunol** 1985 Aug;94(1):11–20

LEISHMANIASIS, VISCERAL

Visceral leishmaniasis: clinical manifestations, diagnosis and treatment. Kager PA. **Acta Leiden** 1984;52:31–9

American visceral leishmaniasis (kala-azar). Evans T, et al. **West J Med** 1985 Jun;142(6):777–81

[Kala-azar (visceral leishmaniasis) following a stay in a Mediterranean country] Heimgartner E. **Schweiz Rundsch Med Prax** 1984 Sep 11;73(37):1119–22 (Eng. Abstr.) **(Ger)**

[Kala-azar. Presentation of 7 cases and review of the literature] Garcia de Miguel MJ, et al. **An Esp Pediatr** 1984 Oct 31;21(6):587–92 (26 ref.) (Eng. Abstr.) **(Spa)**

BLOOD

Pure red cell aplasia in kala azar. Solano C, et al. **Acta Haematol (Basel)** 1984;72(3):205–7

The relationship of American visceral leishmaniasis to ABO blood group type. Evans T, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):805–7

[Serum lipoprotein disorders in kala-azar] Mebazaa A, et al. **Tunis Med** 1984 Mar–Apr;62(2):149–51 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Renal involvement in visceral leishmaniasis. Dutra M, et al. **Am J Kidney Dis** 1985 Jul;6(1):22–7

Lymphadenopathy in Indian kala-azar. Nandy A, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):331–2

Differential diagnosis between leprosy and post-kala-azar dermal leishmaniasis. Ekambaram V, et al. **Ind J Lepr** 1984 Jul–Sep;56(3):641–6

[Post-kala-azar dermal leishmaniasis or diffuse cutaneous leishmaniasis] Cavelier B, et al. **Ann Dermatol Venereol** 1984;111(6–7):579–86 **(Fre)**

[Unusual development of visceral leishmaniasis. Considerations apropos of a case] Carmenini G, et al. **Clin Ter** 1985 Jun 15;113(5):393–9 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Standardization of the dot enzyme-linked immunosorbent assay (Dot-ELISA) for human visceral leishmaniasis. Pappas MG, et al. **Am J Trop Med Hyg** 1984 Nov; 33(6):1105–11

A narrow escape from splenectomy. Jones L, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):687–8

Evaluation of different subcellular fractions of Leishmania donovani for immunodiagnosis of visceral leishmaniasis. Mukerji K, et al. **Indian J Exp Biol** 1984 Mar;22(3):120–2

Comparison of ELISA & indirect immunofluorescence in sero-epidemiology of kala-azar. Srivastava L, et al. **Indian J Med Res** 1984 Jun;79:744–8

Visceral leishmaniasis: a typical clinical presentation. Bhattacharyya D, et al. **J Assoc Physicians India** 1985 Feb; 33(2):176–7

Kala azar in Himachal Pradesh: a new pocket. Datta U, et al. **J Assoc Physicians India** 1984 Dec;32(12):1072–3

Clinical and laboratory aspects of visceral leishmaniasis in Gizan, Saudi Arabia. Abdel Wahab RM, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):563–72

Enzyme-linked immunosorbent assay (ELISA) for the diagnosis of visceral leishmaniasis in Kenya [letter] De Cock KM, et al. **J Infect Dis** 1985 Apr;151(4):750–2

Application of electroimmunodiffusion and crossed electroimmunodiffusion tests for the diagnosis of visceral leishmaniasis (kala-azar). Kohanteb J, et al. **J Trop Med Hyg** 1984 Oct;87(5):201–5

Leishmaniasis or AIDS? [letter] de la Loma A, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):421–2

ELISA using intact promastigotes for immunodiagnosis of kala-azar. Mohammed EA, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):344–50

Disposable nitrocellulose filtration plates simplify the Dot-ELISA for serodiagnosis of visceral leishmaniasis [letter] Pappas MG, et al. **Trans R Soc Trop Med Hyg** 1985; 79(1):136

[A difficult diagnosis?] Kager PA. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1217–20 **(Dut)**

[Kala-azar—an endemic disease close to Switzerland. Apropos of 2 cases in children observed in Geneva] Thelin O. **Rev Med Suisse Romande** 1985 Apr;105(4):363–8 **(Fre)**

[A rare cause of septic syndrome] Pittermann E, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):107–11 (Eng. Abstr.) **(Ger)**

[Visceral leishmaniasis. Practical considerations on a clinical case] Ronconi GF, et al. **Pediatr Med Chir** 1984 Jul–Aug; 6(4):575–7 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Enhancement of Glucantime therapy of murine Leishmania donovani infection by a synthetic immunopotentiating compound (CP-46,665-1). Adinolfi LE, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):270–7

The effect of BCG-vaccine upon experimental visceral leishmaniasis in hamsters. Jarecki-Black JC, et al. **Ann Clin Lab Sci** 1984 Nov–Dec;14(6):464–6

Liposomes in leishmaniasis: effects of parasite virulence on treatment of experimental leishmaniasis in hamsters. Alving CR, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):279–86

Chemotherapy of visceral leishmaniasis (Leishmania donovani) in the squirrel monkey (Saimiri sciureus). Madindou TJ, et al. **Ann Trop Med Parasitol** 1985 Feb; 79(1):13–9

Dermal leishmaniasis after kala-azar infection: successful treatment with rifampin. Saha SK. **Cutis** 1985 Jul;36(1):81–2

Treatment of visceral leishmaniasis. Wali JP, et al. **J Assoc Physicians India** 1984 Sep;32(9):813–4

Pentostam the drug of choice in visceral leishmaniasis in Egypt. Soliman MS, et al. **J Egypt Soc Parasitol** 1984 Dec; 14(2):311–20

Anti-leishmanial effect of allopurinol ribonucleoside and the related compounds, allopurinol, thiopurinol, thiopurinol ribonucleoside, and of formycin B, sinefungin and the lepidine WR6026. Neal RA, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):122–8

The treatment of kala azar: a review with comments drawn from experience in Kenya. Rees PH, et al. **Trop Geogr Med** 1985 Mar;37(1):37–46

[Agranulocytosis caused by glucantime (N-methylglucamine antimoniate) during treatment of kala-azar (letter)] Gutierrez Rodero F, et al. **Med Clin (Barc)** 1985 May 25; 84(20):840 **(Spa)**

ETIOLOGY

[Kala-azar in immunosuppressed patients. Apropos of a case disclosed by skin lesions] Frances C, et al. **Presse Med** 1984 Nov 10;13(40):2433–6 (Eng. Abstr.) **(Fre)**

[Study of the focus of visceral leishmaniasis in southeastern Turkmenistan during its activation] Ponirovskii EN, et al. **Med Parazitol (Mosk)** 1985 Mar–Apr;(2):57–64 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Leishmania donovani infection in athymic mice derived from parental strains of the susceptible (Lshs) or resistant (Lshr) phenotype. Bonventre PF, et al. **J Leukocyte Biol** 1984 Nov;36(5):651–8

IMMUNOLOGY

A complement fixation test for visceral leishmaniasis using homologous parasite antigen I. Hockmeyer WT, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):489–93

A complement fixation test for visceral leishmaniasis using homologous parasite antigen II. Results in an endemic area in Kenya. Smith DH, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):495–500

Defect of leukocyte functions and circulating immune complexes in visceral leishmaniasis. Lazzarin A, et al. **Boll Ist Sieroter Milan** 1985;64(2):146–9

Human monocyte activation for cytotoxicity against intracellular Leishmania donovani amastigotes: induction of microbicidal activity by interferon-gamma. Hoover DL, et al. **Cell Immunol** 1985 Sep;94(2):500–11

Hypergammaglobulinaemia in Leishmania donovani infected hamsters: possible association with a polyclonal activator of B cells and with suppression of T cell function. Bunn-Moreno MM, et al. **Clin Exp Immunol** 1985 Feb; 59(2):427–34

Reduced false positive reactions in the Dot-enzyme-linked immunosorbent assay for human visceral leishmaniasis. Pappas MG, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):392–6

Effect of sodium stibogluconate on in vitro lymphocyte responses in Kenyan visceral leishmaniasis. Koech DK. **East Afr Med J** 1984 May;61(5):362–6

IV (c) immunization of golden hamsters against L. Donovani with different doses of EH9 strain: effects thereof. Jalees S, et al. **J Commun Dis** 1984 Sep;16(3):223–6

The presence of leishmania antibodies in some inhabitants in Assiut Governorate, upper Egypt. Morsy TA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):615–8

Immunosuppression associated with visceral leishmaniasis of hamsters. Nickol AD, et al. **Parasite Immunol** 1985 Jul; 7(4):439–49

Use of immunological manipulations in studying genetically controlled responses to Leishmania donovani infection in mice. Blackwell JM. **Parasitology** 1984 Aug;88 (Pt 4):677–9

[Value of the ELISA IgG and IgM test in the diagnosis and post-therapeutic monitoring of kala-azar] Ben Said M, et al. **Ann Soc Belg Med Trop** 1985;65(1):31–40 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Studies on the vector of kala-azar in Kenya, VIII. The outbreak in Machakos District: epidemiological features and a possible way of control. Wijers DJ, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):597–604

Kala-azar in south-west Ethiopia: seasonal variation in disease occurrence. Lindtjørn B. **Trans R Soc Trop Med Hyg** 1984;78(6):790–1

[Relationship between the distribution of kala azar and the natural landscape in the Nei-Monggol Autonomous Region] Guan LR, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):1–4 (Eng. Abstr.) **(Chi)**

[An epidemiological survey of kala-azar after its eradication in Henan Province] Wang HL. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):223–5 (Eng. Abstr.) **(Chi)**

PARASITOLOGY

Restriction endonuclease analysis of Leishmania kinetoplast DNA characterizes parasites responsible for visceral and cutaneous disease. Jackson PR, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):808–19

Ecology of leishmaniasis in the south of France. 19. Determination of the hosts of Phlebotomus ariasi Tonnoir, 1921 in the Cevennes by bloodmeal analyses. Guy MW, et al. **Ann Parasitol Hum Comp** 1984;59(5):449–58

Leishmania donovani parasitaemia in Kenyan visceral leishmaniasis. Chulay JD, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):218–22

Characterization of Leishmania isolates from children with visceral infections contracted in Alexandria, Egypt [letter] Mansour NS, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):704

Is Leishmania major the cause of infantile kala-azar in Alexandria, Egypt? [letter] Schnur LF, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):134–5

[Ecology of leishmaniasis in Southern France. 18. Enzymatic identification of Leishmania infantum Nicolle, 1908, isolated from Phlebotomus ariasi Tonnoir, 1921, spontaneously infected in the Cevennes] Rioux JA, et al. **Ann Parasitol Hum Comp** 1984;59(4):331–3 (Eng. Abstr.) **(Fre)**

[Experimental infection of Calomys callosus (Rodentia-Cricetidae) with Leishmania donovani chagasi (Laison, 1982)] Mello DA, et al. **Rev Saude Publica** 1984 Aug;18(4):337–41 (Eng. Abstr.) **(Por)**

PATHOLOGY

Mesangial proliferative glomerulonephritis associated with progressive amyloid deposition in hamsters experimentally infected with Leishmania donovani. Oliveira AV, et al. **Am J Pathol** 1985 Aug;120(2):256–62

Histopathological and ultrastructural aspects of interstitial pneumonitis of experimental visceral leishmaniasis. Duarte MI, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):683–8

[Can small intestine biopsy be used to diagnose visceral leishmaniasis (letter)] Arnaud-Battandier F, et al. **Presse Med** 1985 Apr 6;14(14):792 **(Fre)**

PREVENTION & CONTROL

Effect of passage level in the immunization of Hissar strain albino mice with EH9 strain against Leishmania donovani.

Jalees S, et al. **J Commun Dis** 1984 Dec;16(4):295-8

Immunoprophylaxis against kala-azar: effect of immunization with different doses of EH, and HS strains of L. donovani on challenge with the homologous HS and mouse adopted MS strains. Jalees S, et al. **J Commun Dis** 1985 Mar;17(1):46-50

SURGERY

Splenectomy in kala azar. Rees PH, et al. **Trop Geogr Med** 1984 Sep;36(3):285-92

THERAPY

Synergistic effect of glucantime and a liposome-encapsulated muramyl dipeptide analog in therapy of experimental visceral leishmaniasis. Adinolfi LE, et al. **Infect Immun** 1985 May;48(2):409-16

TRANSMISSION

Ecology of leishmaniasis in the south of France. 20. Dispersal of Phlebotomus ariasi Tonnoir, 1921 as a factor in the spread of visceral leishmaniasis in the Cevennes. Killick-Kendrick R, et al. **Ann Parasitol Hum Comp** 1984;59(6):555-72

Investigation of possible zoonotic reservoirs of Indian kala-azar. Srivastava L, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):501-4

The zoonotic potential of reservoirs of leishmaniasis in the Old World. Bray RS. **Ecol Dis** 1982;1(4):257-67 (109 ref.)

Epidemiological role of sandflies Phlebotomus smirnovi Perfiliev, 1941 and P. longiductus Parrot, 1928 in visceral leishmaniasis foci in the Kazakh SSR. Dergacheva TI, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):34-6

Leishmaniasis in Brazil. XXI. Visceral leishmaniasis in the Amazon Region and further observations on the role of Lutzomyia longipalpis (Lutz & Neiva, 1912) as the vector. Lainson R, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):223-6

Leishmaniasis in Bolivia. I. Lutzomyia longipalpis (Lutz & Neiva, 1912) as the vector of visceral leishmaniasis in Los Yungas. Le Pont F, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):227-31

A new record of Sergentomyia garnhami (Heisch, Guggisberg and Teesdale, 1956) in Kenya [letter] Mutinga MJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):137-8

Leishmanial infections in Lutzomyia longipalpis and Lu. antunesi (Diptera: Psychodidae) on the island of Marajo, Para State, Brazil. Ryan L, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):547-8

[Sensitivity of sandflies (Diptera, Psychodidae, Phlebotominae) to DDT in a focus of visceral leishmaniasis in the Azerbaijan SSR] Artem'ev MM, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):72-4 (Eng. Abstr.) **(Rus)**

[Ecology of Lutzomyia longipalpis (Lutz & Neiva, 1912) and possibilities of the existence of visceral leishmaniasis in Costa Rica] Zeledón R, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):455-9 (Eng. Abstr.) **(Spa)**

VETERINARY

Leishmania chagasi and L. donovani: experimental infections in domestic cats. Kirkpatrick CE, et al. **Exp Parasitol** 1984 Oct;58(2):125-31

Kala-azar in Portugal. V. The sylvatic cycle in the enzootic endemic focus of Arrabida. Abranches P, et al. **J Trop Med Hyg** 1984 Oct;87(5):197-200

Natural infection of the opossum Didelphis albiventris (Marsupialia, Didelphidae) with Leishmania donovani, in Brazil. Sherlock IA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):511

Imported canine visceral leishmaniasis in Denmark. Bindseil E, et al. **Nord Vet Med** 1985 Jan-Feb;37(1):16-21

[Leishmaniasis in dogs. Clinical course of infection, diagnosis and therapy trials following experimental infection of beagles with Leishmania donovani (Calcutta strain)] Reiter I, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):40-4 (Eng. Abstr.) **(Ger)**

LEISURE ACTIVITIES

Leisure time physical activity and its relationship to coronary risk factors in a population-based sample. The Minnesota Heart Survey. Folsom AR, et al. **Am J Epidemiol** 1985 Apr;121(4):570-9

Monitoring the collateral effects of leisure skill instruction: a case study in multiple-baseline methodology. Meyer LH, et al. **Behav Res Ther** 1985;23(2):127-38

Children on motorcycles: a cause for concern [editorial] Mason MA. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):854-5

Motorcycling injuries in children. Sherman K, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):877-8

Holidays and leisure time. Do you know how to make the most the them? Schmidt LC, et al. **Can Dent Assoc J** 1985 May;51(5):349-52

Leisure activities of learning disabled children as a reflection of their passive life style and prolonged dependency. Margalit M. **Child Psychiatry Hum Dev** 1984 Winter;15(2):133-41

Children's activities and their behavior: are activities worth manipulating? Stiffman AR, et al. **Child Psychiatry Hum Dev** 1984 Spring;14(3):187-99

Policemen's physical fitness in relation to the frequency of leisure-time physical exercise. Smolander J, et al. **Int Arch Occup Environ Health** 1984;54(4):295-302

A system of classifying leisure activities in terms of the psychological benefits of participation reported by older persons. Tinsley HE, et al. **J Gerontol** 1985 Mar;40(2):172-8

The relationship between stress and attitudes toward leisure among first-year medical students. Folse ML, et al. **J Med Educ** 1985 Aug;60(8):610-7

A descriptive epidemiology of leisure-time physical activity. Stephens T, et al. **Public Health Rep** 1985 Mar-Apr;100(2):147-58

Geographical and socioeconomic distribution of physical activity at work and leisure time and its relation to morbidity in a Swedish rural county. Haglund BJ. **Scand J Soc Med** 1984;12(4):155-64

[Physical inactivity among young adults. An interview of the health activities in 917 individuals aged 25-44 years] Holt P, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3219-23 (Eng. Abstr.) **(Dan)**

[Occurrence of accidents in the home and leisure in construction workers of East Germany] Frank M, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):865-7 **(Ger)**

[Leisure style of the aged: on the necessity and possibilities for an analysis of leisure time of the elderly] Tokarski W. **Z Gerontol** 1985 Mar-Apr;18(2):72-5 (Eng. Abstr.) **(Ger)**

[Leisure time behavior of mentally deficient juveniles and adults] Herrfurth R, et al. **Z Gesamte Hyg** 1985 Mar;31(3):181-3 (Eng. Abstr.) **(Ger)**

[Effect of participation in associations of institutions outside the school on the health status of students] Sergeta VN, et al. **Pediatriia** 1985 Mar;(3):60-1 **(Rus)**

LEMMINGS see **CRICETIDAE**

LEMMUS see **CRICETIDAE**

LEMUR see under **LEMURIDAE**

LEMUR, DWARF see **LEMURIDAE**

LEMUR, MOUSE see **LEMURIDAE**

LEMURIDAE

Yersinia enterocolitica infection in breeding colonies of ruffed lemurs. Bresnahan JF, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1354-6

[Arboviruses and lemurs in Madagascar: experimental infection of Lemur fulvus with attenuated strains of yellow fever virus] Rodhain F. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):255-62 (Eng. Abstr.) **(Fre)**

ANATOMY & HISTOLOGY

The skeleton of early Eocene Cantius, oldest lemuriform primate. Rose KD, et al. **Am J Phys Anthropol** 1985 Jan;66(1):73-89

BLOOD

Citrate agar electrophoresis of Lemur hemoglobins: relationship to DPG binding. Duffy LK, et al. **Hemoglobin** 1984;8(4):427-32

Hematology and serum chemistry values of juvenile and adult ruffed lemurs (Varecia variegata). Karesh WB, et al. **J Med Primatol** 1985;14(1):5-12

Diurnal variations in plasma testosterone concentrations in the male lesser mouse lemur (Microcebus murinus). Perret M. **J Reprod Fertil** 1985 May;74(1):205-13

MICROBIOLOGY

Arboviruses and lemurs in Madagascar: experimental infection of Lemur fulvus with yellow fever and West Nile viruses. Rodhain F, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):816-22

[Sensitivity of cells from the lemur L. fulvus to different viral strains] Ravaoarinoro M, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):153-9 **(Fre)**

LEMURIFORMES see **PROSIMII**

LEMUROIDEA see **PROSIMII**

LENGTH OF STAY

Postoperative complications in abdominal vascular surgery. Lausten GS, et al. **Acta Chir Scand** 1984;150(6):457-61

Early postpartum discharge. Jansson P. **Am J Nurs** 1985 May;85(5):547-50

Predicting length of hospital stay of psychiatric patients. Gordon RE, et al. **Am J Psychiatry** 1985 Feb;142(2):235-7

Patient-predicted length of stay and diagnosis-related-group reimbursement. Mason JC, et al. **Am J Psychiatry** 1985 Mar;142(3):369-71

Early discharge following appendicectomy in children. Buick RG, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):105-6

Preoperative intraincisional cefamandole reduces wound infection and postoperative inpatient stay in upper abdominal surgery. Taylor TV, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):235-7

Outcome and cost of prolonged stay in the surgical intensive care unit. Becker GJ, et al. **Arch Surg** 1984 Nov;119(11):1338-42

Prolonged surgical intensive care. A useful allocation of medical resources. Madoff RD, et al. **Arch Surg** 1985 Jun;120(6):698-702

Outcome of very low birthweight infants who required prolonged hospitalization. Yu VY, et al. **Aust Paediatr J** 1984 Nov;20(4):293-6

Comparison between the complications of cataract surgery following local anaesthesia with short stay and general anaesthesia with a five-day hospitalisation. Vernon SA, et al. **Br J Ophthalmol** 1985 May;69(5):360-3

Complications and hospital stay after surgery for breast cancer: a prospective study of 385 patients. Tejler G, et al. **Br J Surg** 1985 Jul;72(7):542-4

The rapid transit system for patients with fractures of proximal femur. Sikorski JM, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):439-43

The rapid transit system for patients with fractures of the proximal femur [letter] Warne RW. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1076

Differences in durations of stay for surgery in the NHS and private sector in England and Wales. Williams BT, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):978-80

Length of stay on a short-term unit. Kirshner LA, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):149-55

The effect of hospital characteristics and organizational factors on pre- and postoperative lengths of hospital stay. Cannoodt LJ, et al. **Health Serv Res** 1984 Dec;19(5):561-85

Aggravating stress and functional level as predictors of length of psychiatric hospitalization. Gordon RE, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):773-4

Long-stay patients in acute general hospitals. Hamill HR. **Ir Med J** 1984 Oct;77(10):330-2

Toward diagnostic related groups in child psychiatry: a preliminary study. Forness SR, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):266-72

Cost of medical/surgical pediatric hospital days preventable by psychiatric treatment. Houts CB, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):227-30

The relationship between the Wiggins' PSY scale and length of hospitalization: a re-examination. Patrick J. **J Clin Psychol** 1985 May;41(3):386-8

Tonsillectomy: home after 24 hours? Canter RJ, et al. **J Laryngol Otol** 1985 Feb;99(2):177-8

Impact of a cybernetic system of feedback to physicians on inappropriate hospital use. Studnicki J, et al. **J Med Educ** 1985 Jun;60(6):454-60

Factors related to length of stay of laminectomy patients. Sutcliffe SA, et al. **J Neurosurg Nurs** 1985 Jun;17(3):175-8

Continuity of outpatient care in elderly men [letter] **JAMA** 1985 Apr 12;253(14):2042-3

Hospital stay for fractured neck of femur [letter] Boyce WJ, et al. **Lancet** 1984 Nov 24;2(8413):1214

The nurses' role and length of stay [letter] Halloran EJ, et al. **Med Care** 1985 Sep;23(9):1122-6

Evaluation of a measure of neonatal morbidity. Strobino DM, et al. **Med Care** 1984 Sep;22(9):818-26

Immediate versus delayed hysterectomy for endometrial carcinoma: surgical morbidity and hospital stay. Chambers JT, et al. **Obstet Gynecol** 1985 Feb;65(2):245-50

Analysis of the effects of applying federal diagnosis-related grouping (DRG) guidelines to a population of high-risk newborn infants. Poland RL, et al. **Pediatrics** 1985 Jul;76(1):104-9

A non-intensive stroke unit reduces functional disability and the need for long-term hospitalization. Strand T, et al. **Stroke** 1985 Jan-Feb;16(1):29-34

Parathyroidectomy for primary hyperparathyroidism: early discharge. Tarazi R, et al. **Surgery** 1984 Dec;96(6):1158-62

[Complications, mortality and time of discharge in acute myocardial infarct] Horwitz N, et al. **Ugeskr Laeger** 1984 Jun 4;146(23):1714-8 (Eng. Abstr.) **(Dan)**

[Admissions, average hospital stay and number of patient days (bed occupancy)] Hoogendoorn D. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1699-704 (Eng. Abstr.) **(Dut)**

[Chronicity in the psychiatric milieu] Haffani F, et al. **Tunis Med** 1983 Mar-Apr;61(2):137-9 **(Fre)**

[Studies on tuberculosis patients staying in hospitals or sanatoriums for long periods (Part 1)] Aoyagi T, et al. **Kekkaku** 1985 Apr;60(4):247-53 (Eng. Abstr.) **(Jpn)**

[Studies on the factors of staying in hospital and sanatorium for long periods in tuberculosis patients (Part 2)] Aoyagi T, et al. **Kekkaku** 1985 May;60(5):309-18 (Eng. Abstr.) **(Jpn)**

[Misuse of hospital beds] Fjøsne U, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):160-2 (Eng. Abstr.) **(Nor)**

[Reduction of the treatment time for patients in a surgical hospital] Mukhin IV, et al. **Klin Khir** 1985 Mar;(3):48-50 **(Rus)**

[Possibilities of reducing the hospital-stage chemotherapy of patients with fibro-cavernous pulmonary tuberculosis] Naubet'iarova AN, et al. **Probl Tuberk** 1985;(3):38-40 (Eng. Abstr.) **(Rus)**

[Intensified use of the bed supply] Gordon IuN, et al. **Sov Zdravookhr** 1984;(12):28-32 **(Rus)**

[Duration of patient stay in a department of intensive therapy and resuscitation] Petrov MN, et al. **Sov Zdravookhr** 1984;(12):35-8 (Eng. Abstr.) **(Rus)**

[Increasing the efficiency of the hospital bed supply] Zarin

AA. **Sov Zdravookhr** 1984;(12):23-8 **(Rus)**

[Ways of shortening the time of patient treatment in planned surgery] Korzh VN, et al. **Voen Med Zh** 1984 Sep;(9):47-8 **(Rus)**

[A simplified method of evaluating hospital performance] Pabon Lasso H. **Bol Of Sanit Panam** 1984 Jul;97(1):33-43 (Eng. Abstr.) **(Spa)**

ECONOMICS

Does preoperative percutaneous biliary drainage reduce operative risk or increase hospital cost? Pitt HA, et al. **Ann Surg** 1985 May;201(5):545-53

The impact of Medicaid benefit design on length of hospital stay and patient transfers. Frank RG, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):749-53

Predicting hospital charge and stay variation. The role of patient teaching status, controlling for diagnosis-related group, demographic characteristics, and severity of illness. Jones KR. **Med Care** 1985 Mar;23(3):220-35

Medication-related hospital stays are target of new Medicaid program. Perri GA, et al. **Mich Med** 1985 Apr;84(4):220, 222

TRENDS

Rise in LOS may signal case-mix changes. Reczynski DF. **Hospitals** 1985 Aug 1;59(15):25-7

Impact of policy and procedure changes on hospital days among diabetic nursing-home residents—Colorado. **MMWR** 1984 Nov 9;33(44):621-4, 629

Distributions of days/bed per hospitalized persons and the study of repeated hospitalization frequency. Greff L. **Sante Publique (Bucur)** 1984;27(2):147-54

Utilization of short-stay hospitals. Annual summary. Graves EJ. **Vital Health Stat [13]** 1984 Aug;(78):1-61

LENPERONE see under **BUTYROPHENONES**

LENS CAPSULE, CRYSTALLINE see under **LENS, CRYSTALLINE**

LENS CORTEX, CRYSTALLINE see under **LENS, CRYSTALLINE**

LENS, CRYSTALLINE

see related
APHAKIA

Glycosylation of lens proteins in senile cataract and diabetes mellitus. Lee JH, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):888-93

Lens-induced inflammation. ten Doesschate MJ. **Int Ophthalmol** 1985 Mar;7(3-4):193-201

Fluorescence/Raman intensity ratio for monitoring the pathologic state of human lens. Yu NT, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):97-101

An inexpensive semiautomated irrigation/aspiration system. Sheets JH. **J Am Intraocul Implant Soc** 1985 Jan;11(1):71-2

Sandblasted end-cutting tip for posterior capsular vacuuming and polishing. Turtz AI. **J Am Intraocul Implant Soc** 1985 Jan;11(1):73

The epidemiology of the pseudo-exfoliation syndrome. Dell WM. **J Am Optom Assoc** 1985 Feb;56(2):113-9 (41 ref.)

Posterior capsule opacification: experimental analyses. Odrich MG, et al. **Ophthalmic Res** 1985;17(2):75-84

Myofibroblast-like cells in human anterior capsular cataract. Novotny GE, et al. **Virchows Arch [A]** 1984;404(4):393-401

[Phakolytic glaucoma] Pang YJ. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):26-9 **(Chi)**

ABNORMALITIES

Lens deviations in rabbit offspring after short-term prenatal exposure to dexamethasone: a light-microscopic study. Koksma JM, et al. **Exp Eye Res** 1984 Aug;39(2):195-206

Coloboma of lens. Angra SK, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):21-2

[Congenital defect of the lens in the Pierre-Robin syndrome] Kuchynka P, et al. **Cesk Oftalmol** 1985 Mar;41(2):62-5 (Eng. Abstr.) **(Cze)**

ANALYSIS

A quantitative microprobe analysis of elements in cortical and nuclear cells of the calf lens. Neuringer JR, et al. **Anat Rec** 1985 Mar;211(3):329-37

Major intrinsic polypeptide (MIP26K) from lens membrane: reconstitution into vesicles and inhibition of channel forming activity by peptide antiserum. Gooden M, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):993-9

Superior resolution of gamma-crystallins from microdissected eye lens by cation-exchange high-performance liquid chromatography. Siezen RJ, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):153-60

Band 4.1-like proteins of the bovine lens. Effects of differentiation, distribution and extraction characteristics. Aster JC, et al. **Biochem J** 1984 Dec 1;224(2):609-16

Formation of a 55 000-weight cross-linked beta crystallin dimer in the Ca2+-treated lens. A model for cataract. Lorand L, et al. **Biochemistry** 1985 Mar 12;24(6):1525-31

Comparison of the crystallin mRNA populations from rat, calf and duck lens. Evidence for a longer alpha A2-mRNA and two distinct alpha B2-mRNAs in the birds. Dodemont H, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):284-94

New medium for solubilizing proteins of the eye lens core (nucleus). Smith AC. **Comp Biochem Physiol [B]** 1985;80(2):377-80

Fish eye-lens reagents: a possible new class of reagents for molecular and cellular identification. Smith AC. **Comp Biochem Physiol [B]** 1985;80(4):719-23

Isolation and characterization of a novel nucleic acid binding protein from calf lenses. Kang LY, et al. **Curr Eye Res** 1985 Mar;4(3):199-206

Identification of the calmodulin-binding components in bovine lens plasma membranes. Louis CF, et al. **Eur J Biochem** 1985 Jul 15;150(2):271-8

Characterization of the bovine lens plasma membrane substrates for cAMP-dependent protein kinase. Louis CF, et al. **Eur J Biochem** 1985 Jul 15;150(2):279-86

Characterization and crystallization of delta-crystallin from the eye lens of adult turkey: comparison with delta-crystallin from adult quail and young chick. Narebor EM, et al. **Exp Eye Res** 1985 Feb;40(2):273-83

Pyridine nucleotides in normal and cataractous human lenses. Stewart A, et al. **Exp Eye Res** 1984 Sep;39(3):307-15

Evidence against gamma-crystallin DNA or RNA sequences in the chicken. Treton JA, et al. **Exp Eye Res** 1984 Oct;39(4):513-22

tau-Crystallin from the turtle lens: purification and partial characterization. Williams LA, et al. **Exp Eye Res** 1985 May;40(5):741-9

Partial characterization of three distinct populations of human gamma-crystallins. Zigler JS Jr, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):525-31

Identification of a 70,000-D protein in lens membrane junctional domains. Kistler J, et al. **J Cell Biol** 1985 Jul;101(1):28-35

Membrane cholesterol and phospholipid in consecutive concentric sections of human lenses. Li LK, et al. **J Lipid Res** 1985 May;26(5):600-9

Functional reconstitution of lens gap junction proteins into proteoliposomes. Nikaido H, et al. **J Membr Biol** 1985;85(1):87-92

Characterization of the rat gamma-crystallin gene family and its expression in the eye lens. Moormann RJ, et al. **J Mol Biol** 1985 Apr 5;182(3):419-30

The lens epithelium contains glial fibrillary acidic protein (GFAP). Hatfield JS, et al. **J Neuroimmunol** 1985 Jun;8(4-6):347-57

Elemental profiles in cryosections and frozen-dried bulk specimens of the normal lens. Harding CV, et al. **Ophthalmic Res** 1984;16(5):276-83

Comparison of aldose reductase inhibitors by determination of IC50 with bovine and rat lens extracts. Müller P, et al. **Ophthalmic Res** 1985;17(2):115-9

Opacification of gamma-crystallin solutions from calf lens in relation to cold cataract formation. Siezen RJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1701-5

[Determination of the iron content of the normal lens and the cataracted lens] Cernea P, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:311-3 **(Fre)**

[Distribution of calmodulin in bovine lens, changes as a function of age] Bizec JC, et al. **C R Acad Sci [III]** 1984;299(8):267-70 (Eng. Abstr.) **(Fre)**

[Investigation of the aging phenomena in the eye (lens) by atomic absorption spectrophotometry—high performance aqueous gel permeation chromatography] Ishii M. **Rinsho Byori** 1985 Jun;33(6):657-62 **(Jpn)**

[Comparative study of crystallins from the nucleus and cortex of the bovine ocular lens by the gel filtration and x-ray diffraction methods] Krivandin AV, et al. **Biofizika** 1985 Jan-Feb;30(1):107-11 (Eng. Abstr.) **(Rus)**

[X-ray diffraction in the intact isolated frog ocular lens] Krivandin AV, et al. **Biofizika** 1984 Sep-Oct;29(5):873-7 (Eng. Abstr.) **(Rus)**

[Comparative study of bovine ocular lens proteins in native tissue and an extract using the x-ray diffraction method] Krivandin AV, et al. **Biofizika** 1984 Nov-Dec;29(6):1031-5 (Eng. Abstr.) **(Rus)**

[Structure of crystallins in the crystalline lens based on X-ray diffraction data] Krivandin AV, et al. **Dokl Akad Nauk SSSR** 1984;278(4):997-1001 **(Rus)**

ANATOMY & HISTOLOGY

Lens thickness in western Nigeria. A comparative ultrasonic study in Negros and Danes. Clemmesen V, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):274-6

The ratio of lens thickness to axial length for biometric standardization in angle-closure glaucoma. Markowitz SN, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):400-2

Actin in polygonal arrays of microfilaments and sequestered actin bundles (SABs) in lens epithelial cells of rabbits and mice. Rafferty NS, et al. **Curr Eye Res** 1985 Jun;4(6):713-8

Gestational age assessment by the lens examination method [letter] Mimouni F, et al. **Eur J Pediatr** 1984 Nov;143(1):75

Direct measurement of the capsular bag. Galand A, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):475-6

Ultrasonic measurement of transverse lens diameter during accommodation. Storey JK, et al. **Ophthalmic Physiol Opt** 1985;5(2):145-8

In vivo color analysis of human crystalline lenses. Sasaki K, et al. **Ophthalmic Res** 1985;17(1):21-6

[Biometry of the lens with respect to age and cataract morphology. Evaluation of Scheimpflug photos of the anterior segment] Shibata T, et al. **Klin Monatsbl Augenheilkd** 1984 Jul;185(1):35-42 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Persistent hyaloid vasculature and vitreal haemorrhage in albino rats: a morphological and histological study. Poulsom R, et al. **Exp Eye Res** 1985 Jan;40(1):155-60

CYTOLOGY

MP26 in the bovine lens: a post-embedding immunocytochemical study. Vallon O, et al. **Biol Cell** 1985;53(1):85-8

Vinculin in cultured bovine lens-forming cells. Lehto VP, et al. **Cell Differ** 1985 May;16(3):153-60

Alkalinization stimulates Ca2+-dependent spreading during the activation of resting lens epithelial cells in primary culture. Glaesser D, et al. **Cell Tissue Kinet** 1984 Nov;17(6):557-71

On the role of microfilaments in cell-shape-mediated growth control of lens epithelial cells. Iwig M, et al. **Cell Tissue Kinet** 1985 Mar;18(2):169-82

Association of alpha-crystallin with actin in cultured lens cells. Del Vecchio PJ, et al. **Curr Eye Res** 1984 Oct;3(10):1213-9

Mitosis in the lens epithelium of the galactose-fed rat after prolactin treatment. Gona O, et al. **Curr Eye Res** 1985 Jan;4(1):59-63

Proliferation of lens epithelial explants in culture increases with age of donor rat. McAvoy JW, et al. **Curr Eye Res** 1984 Sep;3(9):1151-3

An eye-derived growth factor regulates epithelial cell proliferation in the cultured lens. Arruti C, et al. **Differentiation** 1985;28(3):286-90

Sodium orthovanadate stimulation of DNA synthesis in Nakano mouse lens epithelial cells in serum-free medium. Jones TR, et al. **J Cell Physiol** 1984 Oct;121(1):199-205

Cell replication and terminal differentiation in the embryonic chicken lens: normal and forced initiation of lens fibre formation. Zwaan J, et al. **J Embryol Exp Morphol** 1984 Dec;84:331-49

Expression of the intermediate-filament-associated protein synemin in chicken lens cells. Granger BL, et al. **Mol Cell Biol** 1984 Oct;4(10):1943-50

Antiserum to lens antigens immunostains Muller glia cells in the neural retina. Moscona AA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5570-3

DRUG EFFECTS

The effects of 'oxygen radicals' generated in the medium on lenses in organ culture: inhibition of damage by chelated iron. Zigler JS Jr, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):163-72

Effects of H2O2 on the dogfish (Mustelus canis) ocular lens. Zigman S, et al. **Comp Biochem Physiol [C]** 1984;79(1):59-62

Patterns in effects of sulfhydryl reagents on transport in bovine lens. Kern HL, et al. **Curr Eye Res** 1984 Dec;3(12):1373-82

Aspirin prevents carbamylation of soluble lens proteins and prevents cyanate-induced phase separation opacities in vitro: a possible mechanism by which aspirin could prevent cataract. Crompton M, et al. **Exp Eye Res** 1985 Feb;40(2):297-311

In vitro effect of alpha-tocopherol on lysophosphatidylcholine-induced lens damage. Libondi T, et al. **Exp Eye Res** 1985 May;40(5):661-6

Ocular findings in patients treated with PUVA. Stern RS, et al. **J Invest Dermatol** 1985 Sep;85(3):269-73

Changes of some biochemical parameters of the lens in galactose-treated weaned rats with and without vitamin E therapy. Libondi T, et al. **Ophthalmic Res** 1985;17(1):42-8

[Effect of PUVA treatment on the eye lens of psoriasis patients] Brauweiler P, et al. **Fortschr Ophthalmol** 1984;81(5):457-60 (Eng. Abstr.) (Ger)

EMBRYOLOGY

DNA repeat size in chick embryonic lens epithelium, lens fiber, brain and liver cell nuclei. Muel AS, et al. **Cell Differ** 1985 Jun;16(4):235-40

Correlation between phosphatidylinositol degradation and cell division in embryonic chicken lens epithelia. Zelenka PS, et al. **Dev Biol** 1984 Oct;105(2):325-9

Localisation of laminin and fibronectin during rat lens morphogenesis. Parmigiani C, et al. **Differentiation** 1984;28(1):53-61

Immunochemical characterization and quantitative distribution of crystallins in the epithelium and differentiating fibre cell populations of chick embryonic lens. Pal JK, et al. **Exp Eye Res** 1984 Oct;39(4):415-34

ENZYMOLOGY

Purification, preliminary characterization, and immunological comparison of hog lens leucine aminopeptidase (EC 3.4.11.1) with hog kidney and beef lens aminopeptidases. Oettgen HC, et al. **Anal Biochem** 1985 Apr;146(1):238-45

Nuclear ADP-ribosylation in the chick lens during embryonic development. Counis MF, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):859-66

Differential inhibition of two proteolytic activities in bovine lens neutral-proteinase preparations. Wagner BJ, et al. **Biochem J** 1985 Jun 1;228(2):517-9

Phosphorylation of lens membranes with a cyclic AMP-dependent protein kinase purified from the bovine lens. Johnson KR, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):367-76

Na+-K+ ATPase distribution in frog and bovine lenses. Alvarez LJ, et al. **Curr Eye Res** 1985 Feb;4(2):143-52

The effect of age on corneal and lens superoxide dismutase. Crouch RK, et al. **Curr Eye Res** 1984 Sep;3(9):1119-23

Acid phosphatase localization in the equatorial region of human lenses. Gorthy WC. **Curr Eye Res** 1984 Sep;3(9):1125-33

Purification and properties of human cataractous lens glyceraldehyde-3-phosphate dehydrogenase. Jedziniak J, et al. **Curr Eye Res** 1985 Jul;4(7):747-52

Soluble exopeptidases of bovine and human lens: characterization by electrophoresis. Lafferty MA, et al. **Curr Eye Res** 1984 Aug;3(8):1017-31

Identification of two of the major phosphorylated polypeptides of the bovine lens utilizing a lens cAMP-dependent protein kinase system. Sredy J, et al. **Curr Eye Res** 1984 Dec;3(12):1423-31

Proteases in human lenses and their possible significance. Swanson AA, et al. **Curr Eye Res** 1985 Jan;4(1):43-8

Changes during aging in rat lens endopeptidase activity. Fleshman KR, et al. **Exp Eye Res** 1984 Nov;39(5):543-51

The purification and properties of human lens glutathione reductase. Latta K, et al. **Exp Eye Res** 1984 Sep;39(3):343-54

Immunodetection of Na,K-ATPase in guinea-pig retinal layers, cornea and lens. McDonough A. **Exp Eye Res** 1985 May;40(5):667-74

Urea cycle enzymes in retina, ciliary body-iris, lens and senile cataracts. Rao GN, et al. **Exp Eye Res** 1984 Oct;39(4):483-95

Phosphorylation of H2O2-treated lens Na+,K+-ATPase. Sredy J, et al. **Exp Eye Res** 1984 Oct;39(4):479-82

Acid phosphatase II. Cytochemical localization in lenses of normal and galactose-fed rats. Unakar NJ, et al. **Exp Eye Res** 1985 Jan;40(1):117-26

Lens neutral proteinase preparations hydrolyze glutamoyl bonds [letter] Wagner BJ, et al. **Exp Eye Res** 1985 Jun;40(6):879-82

Superoxide dismutase (SOD) in normal and cataractous human lenses. Ohrloff C, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):79-81

Distribution of calpain I, calpain II, and calpastatin in bovine lens. Yoshida H, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):953-6

Leucine aminopeptidase from bovine lens and hog kidney. Comparison using immunological techniques, electron microscopy, and X-ray diffraction. Taylor A, et al. **J Biol Chem** 1984 Dec 10;259(23):14757-61

Aminopeptidase activity in albino rabbit extraocular tissues relative to the small intestine. Stratford RE Jr, et al. **J Pharm Sci** 1985 Jul;74(7):731-4

Enzyme activity may hold key to cataract prevention [news] Cole H. **JAMA** 1985 Aug 23-30;254(8):1008

Glyceraldehyde 3-phosphate dehydrogenase activity in rat and human lenses and the fate of enzyme molecules in the aging lens. Dovrat A, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):187-91

Age changes in bovine lens endopeptidase activity. Fleshman KR, et al. **Mech Ageing Dev** 1985 Jun;31(1):37-47

Studies on cataractogenesis in humans and in rats with alloxan-induced diabetes. II. Histochemical evaluation of lenticular enzymes. Ahmad SS, et al. **Ophthalmic Res** 1985;17(1):12-20

The inhibition of bovine lens aldose reductase by Clinoril, its absorption into the human red cell and its effect on human red cell aldose reductase activity. Crabbe MJ, et al. **Ophthalmic Res** 1985;17(2):85-9

Chemical modification studies on purified bovine lens aldose reductase. Halder AB, et al. **Ophthalmic Res** 1985;17(3):185-8

Inhibition of lens-aldose reductase activity by brazilin and haematoxylin. Moon CK, et al. **Planta Med** 1985 Feb;(1):66-7

Bovine lens aldehyde dehydrogenase: improved purification and characterisation. Hoe ST, et al. **Prog Clin Biol Res** 1985;174:137-48

[PolyADP-ribosyl polymerase (adenosine diphosphate ribosyl transferase) in bovine crystalline lens; modulation of its activity during aging] Bizec JC, et al. **C R Acad Sci [III]** 1985;300(2):37-41 (Eng. Abstr.) **(Fre)**

[Substrate specificity and inhibition by various compounds of aldose reductase II from rabbit lens] Tanimoto T, et al. **Yakugaku Zasshi** 1984 Jun;104(6):631-4 (Eng. Abstr.) **(Jpn)**

GROWTH & DEVELOPMENT

Early postnatal development of the rat lens. Sivak JG, et al. **Exp Biol** 1984;43(1):57-65

Environmental influence on shape of the crystalline lens: the amphibian example. Sivak JG, et al. **Exp Biol** 1985;44(1):29-40

Onset of fibre differentiation in cultured rat lens epithelium under the influence of neural retina-conditioned medium. Campbell MT, et al. **Exp Eye Res** 1984 Jul;39(1):83-94

Leucine aminopeptidase activity is diminished in aged hog, beef, and human lens. Taylor A. **Prog Clin Biol Res** 1985;180:299-302

Growth of the visual system in the African cichlid fish, Haplochromis burtoni. Optics. Fernald RD, et al. **Vision Res** 1985;25(2):155-61

IMMUNOLOGY

Phacoanaphylactic endophthalmitis associated with extracapsular cataract extraction and posterior chamber intraocular lens. Apple DJ, et al. **Arch Ophthalmol** 1984 Oct;102(10):1528-32

[Chemotactic factor to polymorphonuclear leucocytes in the crystallin lens. 1. Age-related chemotactic activity by chemotaxis assay] Tomoda T. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):317-22 (Eng. Abstr.) **(Jpn)**

[Immunologic characteristics of cataracts in persons having occupational contacts with sources of ionizing radiation] Shubik VM, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):48-50 **(Rus)**

INJURIES

Cataract surgery following perforating injuries. Mellin KB. **Dev Ophthalmol** 1985;11:166-8

Wound healing by the rat lens after neodymium-YAG laser injury. Gona O, et al. **Exp Eye Res** 1985 Feb;40(2):251-61

Neodymium YAG laser effects on rabbit lenses. A scanning electron microscopic investigation using Q-switched and mode-locked lasers. Vester C, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(2):101-8

Cataract induction in rabbits with the Nd-YAG laser. Cangelosi G, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1037-40

Scanning electron microscopy of an irrigation/aspiration tip following a posterior capsular rupture. Reed-Miller C, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):391-2

[Double perforation of the lens by an intraocular foreign body] Treskmann R, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):307-9 (Eng. Abstr.) **(Ger)**

[Chemotaxis of polymorphonuclear leucocytes in the crystalline lens. 2. Pathological experiment] Tomoda T. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):619-23 (Eng. Abstr.) **(Jpn)**

[Possibilities of refractive keratoplasty in rehabilitating patients with traumatic cataract and dislocation of the crystalline lens into the vitreous body] Beliaev VS, et al. **Oftalmol Zh** 1984;(4):210-2 (Eng. Abstr.) **(Rus)**

[Medical and socio-vocational rehabilitation of patients with traumatic cataracts] Chudniavtseva NA. **Oftalmol Zh** 1984;(4):199-203 (Eng. Abstr.) **(Rus)**

[Various aspects of preventing disability as a consequence of crystalline lens injury] Eroshevskii TI, et al. **Oftalmol Zh** 1984;(4):203-5 (Eng. Abstr.) **(Rus)**

[Basic aspects of medicosocial rehabilitation in crystalline lens injuries] Libman ES. **Oftalmol Zh** 1984;(4):196-9 (Eng. Abstr.) **(Rus)**

[Intraocular correction in preventing disability from crystalline lens injury] Logai IM, et al. **Oftalmol Zh** 1984;(4):205-7 (Eng. Abstr.) **(Rus)**

INNERVATION

Cortical neurons related to lens accommodation in posterior lateral suprasylvian area in cats. Bando T, et al. **J Neurophysiol** 1984 Nov;52(5):879-91

Physiological identification of midbrain neurons related to lens accommodation in cats. Bando T, et al. **J Neurophysiol** 1984 Nov;52(5):870-8

METABOLISM

Changes in albumoid protein during cataract formation. Alao JF, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):117-26

Transport properties of the lens. Mathias RT, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C181-90 (46 ref.)

Phosphorylation of the band 4.1-like proteins of the bovine lens. Aster JC, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1166-73

Finding of a galactose-oxidation-product in lens of galactose-fed guinea pig. Wada E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):643-8

Assembly of chick and bovine lens-capsule collagen. Taylor CM, et al. **Biochem J** 1985 Mar 1;226(2):527-36

Aldose reductase, NADPH and NADP+ in normal, galactose-fed and diabetic rat lens. Lee SM, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):247-53

The major intrinsic protein (MIP) of the bovine lens fiber membrane: characterization and structure based on cDNA cloning. Gorin MB, et al. **Cell** 1984 Nov;39(1):49-59

Interaction of crystallins with the cytoskeletal-plasma membrane complex of the bovine lens. Bloemendal H, et al. **Ciba Found Symp** 1984;106:177-90

Non-invasive techniques in the study of cataract development at the metabolic and protein molecular level. Garner WH. **Ciba Found Symp** 1984;106:248-65

Ontogeny of the 38K epsilon-polypeptide during lens development of the duck Anas platyrhynchos. Brahma SK, et al. **Curr Eye Res** 1985 Jun;4(6):679-84

Regional distribution of lipids and phospholipase A2 activity in normal and cataractous rat lens. Cenedella RJ. **Curr Eye Res** 1985 Feb;4(2):113-20

Examination of lens calcium balance using 45Ca uptake studies. Delamere NA, et al. **Curr Eye Res** 1985 Apr;4(4):447-52

Progress toward the establishment of nuclear magnetic resonance measurements as an index of in vivo lens functional integrity. Farnsworth PN, et al. **Curr Eye Res** 1985 Mar;4(3):291-7

86-Rb efflux in normal and cataractous human lenses. Gandolfi SA, et al. **Curr Eye Res** 1985 Jul;4(7):753-8

Lens fodrin binds actin and calmodulin. Green J, et al. **Curr Eye Res** 1984 Dec;3(12):1433-40

Calcium-pump and its modulator in the lens: a review. Iwata S. **Curr Eye Res** 1985 Mar;4(3):299-305

Effect of corticosteroids on electrolyte transport of the isolated human and rabbit lens. Kana JS, et al. **Curr Eye Res** 1985 Apr;4(4):461-5

Permeability and gating of lens gap junction channels incorporated into liposomes. Peracchia C, et al. **Curr Eye Res** 1985 Apr;4(4):431-9

Lens lipids. Zelenka PS. **Curr Eye Res** 1984 Nov;3(11):1337-59 (188 ref.)

delta- and beta-Crystallin mRNA levels in the embryonic and posthatched chicken lens: temporal and spatial changes during development. Hejtmancik JF, et al. **Dev Biol** 1985 May;109(1):72-81

Biochemical and histochemical characteristics of proteins homologous to calf lens membrane proteins with high calcium-binding capacity. van den Eijnden-van Raaij AJ, et al. **Exp Cell Res** 1985 Aug;159(2):519-30

Age dependence of selenite uptake in rat eye lenses. Babicky A, et al. **Exp Eye Res** 1985 Jan;40(1):101-3

Direct measurement of pH in the rat lens by ion-sensitive microelectrodes. Bassnett S, et al. **Exp Eye Res** 1985 Apr;40(4):585-90

Differential synthesis of rat lens proteins during development. Carper D, et al. **Exp Eye Res** 1985 Jan;40(1):85-94

Sorbitol/fructose metabolism in the lens. Cheng HM, et al. **Exp Eye Res** 1985 Feb;40(2):223-9

Effect of glutathione deprivation on lens metabolism. Cheng HM, et al. **Exp Eye Res** 1984 Sep;39(3):355-64

Failure to detect conjugated dienes in cataractous lenses from normal and glucose-6-phosphate dehydrogenase-deficient patients. Corongiu FP, et al. **Exp Eye Res** 1985 Jan;40(1):149-53

The penetration of Sorbinil, an aldose reductase inhibitor, into lens, aqueous humour and erythrocytes of patients undergoing cataract extraction. Crabbe MJ, et al. **Exp Eye Res** 1985 Jan;40(1):95-9

Characteristics of 45Ca uptake by the rabbit lens. Delamere NA, et al. **Exp Eye Res** 1985 Jul;41(1):11-7

Endotoxin-induced ocular inflammation increases prostaglandin E2 synthesis by rabbit lens. Fleisher LN, et al. **Exp Eye Res** 1985 May;40(5):711-9

Detoxification of H2O2 by cultured rabbit lens epithelial cells: participation of the glutathione redox cycle. Giblin FJ, et al. **Exp Eye Res** 1985 Jun;40(6):827-40

Lenticular energy metabolism during exogenous calcium deprivation and during recovery: effects of dextran-40. Glonek T, et al. **Exp Eye Res** 1985 Feb;40(2):169-78

Altered phosphate metabolism in the intact rabbit lens under high glucose conditions and its prevention by an aldose reductase inhibitor. Gonzalez RG, et al. **Exp Eye Res** 1984 Nov;39(5):553-62

The biology of strontium: interactions with the mammalian crystalline lens. Grubb BR, et al. **Exp Eye Res** 1984 Jul;39(1):107-12

Total poly(A+)-messenger RNA from bovine lens cofractionates with sucrose purified fiber cell plasma membrane. Hentzen PC, et al. **Exp Eye Res** 1984 Jul;39(1):51-60

Metabolism of the alpha-amino nitrogen of glutamine in rat lens. Jernigan HM Jr, et al. **Exp Eye Res** 1984 Jul;39(1):113-22

Alpha neoprotein molecules in normal lenses from animals of different ages and in cataractous lenses. Manski W, et al. **Exp Eye Res** 1985 Feb;40(2):179-90

Biosynthesis of proteoglycans by lens epithelial cells of cataractous mouse (Nakano strain). Nakazawa K, et al. **Exp Eye Res** 1985 Apr;40(4):609-18

Postnatal mirex cataractogenesis in rats: lens cation balance, growth and histology. Rogers JM, et al. **Exp Eye Res** 1984 Nov;39(5):563-73

Longitudinal (T1) relaxation times of phosphorus metabolites in the bovine and rabbit lens. Schleich T, et al. **Exp Eye Res** 1984 Oct;39(4):455-68

The phosphorylation of bovine and human lens polypeptides. Sredy J, et al. **Exp Eye Res** 1984 Nov;39(5):653-64

In vitro reassociation of EDTA-extractable proteins with calf lens fiber membranes. van den Eijnden-van Raaij AJ, et al. **Exp Eye Res** 1985 Feb;40(2):327-34

Glucose metabolism in the calf lens. Wolfe JK, et al. **Exp Eye Res** 1985 Apr;40(4):629-41

Is it possible to maintain a normal glutathione level in lenses in vitro? Hockwin O, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;222(3):142-6

Calcium-activated proteolysis in the lens nucleus during selenite cataractogenesis. David LL, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1275-83

Distribution of phosphatic metabolites in the crystalline lens. Greiner JV, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):537-44

Intracellular calcium concentration and calcium transport in the rabbit lens. Hightower KR, et al. **Invest Ophthalmol Vis Sci** 1985 Jul;26(7):1032-4

Prostaglandin biosynthesis in the rat lens. Keeting PE, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1083-6

Localization of potassium and sodium fluxes in the rat lens. Reszelbach R, et al. **Invest Ophthalmol Vis Sci** 1985 Jul; 26(7):945-52

Biochemical features of the grey squirrel lens. Zigman S, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1075-82

Nonenzymatic glycation of human lens crystallin. Effect of aging and diabetes mellitus. Garlick RL, et al. **J Clin Invest** 1984 Nov;74(5):1742-9

Nonenzymatic addition of glucocorticoids to lens proteins in steroid-induced cataracts. Manabe S, et al. **J Clin Invest** 1984 Nov;74(5):1803-10

Lens cell-to-cell channel protein: I. Self-assembly into liposomes and permeability regulation by calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):217-25

Reduced and oxidized glutathione concentrations in the lenses of riboflavin-deficient rats. Horiuchi S, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):401-3

Influence of external calcium and glucose on internal total and ionized calcium in the rat lens. Duncan G, et al. **J Physiol (Lond)** 1984 Dec;357:485-93

Ageing and compositional changes of rat lens. Wada E, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):287-94

Appearance of new variants of membrane skeletal protein 4.1 during terminal differentiation of avian erythroid and lenticular cells. Granger BL, et al. **Nature** 1985 Jan 17-23; 313(5999):238-41

Studies on cataractogenesis in humans and in rats with alloxan-induced diabetes. I. Cation transport and sodium-potassium-dependent ATPase. Ahmad SS, et al. **Ophthalmic Res** 1985;17(1):1-11

Lens transglutaminase selects specific beta-crystallin sequences as substrate. Berbers GA, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7017-20

Gamma-crystallin family of the mouse lens: structural and evolutionary relationships. Breitman ML, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7762-6

Lens-specific expression of the chloramphenicol acetyltransferase gene promoted by 5' flanking sequences of the murine alpha A-crystallin gene in explanted chicken lens epithelia. Chepelinsky AB, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2334-8

cAMP-dependent phosphorylation of bovine lens alpha-crystallin. Spector A, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4712-6

Accumulation of cadmium by the eye with special reference to the lens. Grubb BR, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):444-50

[Uptake of 86Rb in the lenses of rats during ontogenesis] Sladkova J, et al. **Cesk Oftalmol** 1984 Nov;40(6):340-4 (Eng. Abstr.) **(Cze)**

[Zonula Zinii: new biochemical studies] Ihme A, et al. **Fortschr Ophthalmol** 1984;81(4):344-6 (Eng. Abstr.) **(Ger)**

[Free and bound SH groups in bovine lenses of different ages and in various lens parts] Korte I, et al. **Fortschr Ophthalmol** 1984;81(5):454-6 (Eng. Abstr.) **(Ger)**

[Donors and receptors of biologically labile methyl groups: characterization with a nicotinamide-trigonelline system] Ciusa W. **Acta Vitaminol Enzymol** 1984;6(4):243-50 (Eng. Abstr.) **(Ita)**

[Arachidonic acid metabolism in rabbit lens] Fujiwara H, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec; 88(12):1437-42 (Eng. Abstr.) **(Jpn)**

[Lipid metabolism in hyperglycemic human and rabbit's lenses] Ohmura M. **Nippon Ganka Gakkai Zasshi** 1985 Jan; 89(1):162-71 (Eng. Abstr.) **(Jpn)**

[Isolation and structure of a recombinant cDNA coding for the beta-crystallin of the crystalline lens in the frog Rana temporaria] Luchin SV, et al. **Dokl Akad Nauk SSSR** 1984 Nov-Dec;279(1):233-7 **(Rus)**

PATHOLOGY

Cataract in retinitis pigmentosa. An analysis of cataract surgery results and pathological lens changes. Fagerholm PP, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):50-8

A low cholesterol Christmas [editorial] **Br J Ophthalmol** 1984 Dec;68(12):849

Lens changes in a patient with Fabry's disease [letter] Cherry PM. **Can J Ophthalmol** 1984 Dec;19(7):329

Angle-closure glaucoma: relation between lens thickness, anterior chamber depth and age. Markowitz SN, et al. **Can J Ophthalmol** 1984 Dec;19(7):300-2

Comparative studies of normal and genetically hyperplastic lens epithelia. II. lectin-induced cell agglutination and 125I-lectin uptake by cells. Odeigah PG, et al. **Curr Eye Res** 1985 Mar;4(3):161-8

Aqueous humour glucose concentration in cataract patients and its effect on the lens. Davies PD, et al. **Exp Eye Res** 1984 Nov;39(5):605-9

Morphology of the cataract in albino mutant quails (Coturnix coturnix japonica). Takatsuji K, et al. **Exp Eye Res** 1985 Apr;40(4):567-73

Evidence of zonular rupture: free cortical material in the patellar fossa. Schulze RR, et al. **Ophthalmic Surg** 1984 Sep;15(9):780

Posterior lenticonus. Khalil M, et al. **Ophthalmology** 1984 Nov;91(11):1429-30, 43A

[New particulars in the biomicroscopic classification of senile cataracts] Deschatres F, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1253-4 **(Fre)**

[Experimental diabetes mellitus. A. Clinico-morphological examination of the crystalline lens of rats after transplantation of isolated islands of Langerhans] Pankowska B, et al. **Klin Oczna** 1984 May;86(5):187-90 (Eng. Abstr.) **(Pol)**

[Closed-angle glaucoma with iridolenticular block] Vurgaft MB. **Oftalmol Zh** 1984;(6):377-80 **(Rus)**

PHYSIOLOGY

The Glenn A. Fry Award Lecture: optics of the crystalline lens. Sivak JG. **Am J Optom Physiol Opt** 1985 May; 62(5):299-308 (26 ref.)

Corticosteroids and the active ion transport of the isolated human lens. Kana JS, et al. **Ann Ophthalmol** 1984 Nov; 16(11):1034-9

Role of lensectomy and posterior capsule in movement of tracers from vitreous to aqueous. Thompson JT, et al. **Arch Ophthalmol** 1985 Mar;103(3):420-1

Photon correlation spectroscopy and light scattering of eye lens proteins at high concentrations. Andries C, et al. **Biophys J** 1985 May;47(5):591-605

Cytoskeletal proteins of the ageing human lens. Maisel H. **Ciba Found Symp** 1984;106:163-76

Cytotoxic effects of internal calcium on lens physiology: a review. Hightower KR. **Curr Eye Res** 1985 Apr;4(4):453-9

Effects of intracellular calcium on lens membrane permeability. Hightower KR, et al. **Curr Eye Res** 1985 Jun; 4(6):693-701

Effect of temperature on the rainbow trout lens. Iwata S. **Curr Eye Res** 1985 Apr;4(4):441-6

Steady state voltages in the frog lens. Mathias RT, et al. **Curr Eye Res** 1985 Apr;4(4):421-30

Yellow intraocular filters in fishes. Heinermann PH. **Exp Biol** 1984;43(2):127-47 (43 ref.)

Light scattering of normal human lens. III. Relationship between forward and back scatter of whole excised lenses. Bettelheim FA, et al. **Exp Eye Res** 1985 Jul;41(1):1-9

Age dependence of freezable and nonfreezable water content of normal human lenses. Lahm D, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1162-5

Optical quality during crystalline lens growth [letter] Campbell MC, et al. **Nature** 1984 Nov 15-21; 312(5991):291-2

Chromatic aberration of the vertebrate lens. Kreuzer RO, et al. **Ophthalmic Physiol Opt** 1985;5(1):33-41

Monitoring lens transparency during in vitro incubation by Scheimpflug photography and densitometric image analysis. Hockwin O, et al. **Ophthalmic Res** 1985; 17(2):96-101

In vivo assessment of lens transmission for blue-green light by autofluorescence measurement. van Best JA, et al. **Ophthalmic Res** 1985;17(2):90-5

A new method of measuring in vivo the lens transmittance, and study of lens scatter, fluorescence and transmittance. Zeimer RC, et al. **Ophthalmic Res** 1984;16(5):246-55

Characterization of a cation channel on the apical surface of the frog lens epithelium. Jacob TJ, et al. **Q J Exp Physiol** 1985 Jul;70(3):403-21

Analysis of human crystalline lens curvature as a function of accommodative state and age. Koretz JF, et al. **Vision Res** 1984;24(10):1141-51

[Tissue mechanical in vitro studies of zonula fibers of cattle] Arnold G, et al. **Fortschr Ophthalmol** 1984;81(4):347-8 (Eng. Abstr.) **(Ger)**

[Near UV filter of human lens] Bando M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1471-6 (Eng. Abstr.) **(Jpn)**

[Cultivation of the retinal pigment epithelium in the cavity of the lentectomized eye of newts] Grigorian EN, et al. **Ontogenez** 1985 Jan-Feb;16(1):34-43 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Light scattering of whole excised human cataractous lenses. Relationships between different light scattering parameters. Bettelheim FA, et al. **Exp Eye Res** 1985 Jul;41(1):19-30

Role of the crystalline lens in the spatial vision loss of the elderly. Owsley C, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1165-70

Lens transmission of blue-green light in diabetic patients as measured by autofluorophotometry. van Best JA, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):532-6

RADIATION EFFECTS

Vitreous changes after neodymium-YAG laser irradiation of the posterior lens capsule or mid-vitreous [letter] Seiler T, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):522-4

The effect of microwave radiation on the eye lens in rats. Savić S, et al. **Arh Hig Rada Toksikol** 1983 Dec;34(4):301-4

Possible cataractogenic effect of radionuclides deposited within the eye from the blood stream. Griffith TP, et al. **Br J Ophthalmol** 1985 Mar;69(3):219-27

Cataracts and photochemical damage in the lens. Borkman RF. **Ciba Found Symp** 1984;106:88-109

Lens epithelium and radiation cataract. V. Observations on acid phosphatase and meridional row nuclear fragmentation. Broglio TM, et al. **Exp Eye Res** 1985 Feb; 40(2):263-71

The photolysis of lens fiber membranes. Dillon J, et al. **Exp Eye Res** 1985 Jul;41(1):53-60

The in vitro photolysis of whole rat lenses using focused 290 nm laser radiation. Hibbard LB, et al. **Exp Eye Res** 1985 Feb;40(2):285-95

Role of hydrogen peroxide in riboflavin-sensitized photodynamic damage to cultured rat lenses. Jernigan HM Jr. **Exp Eye Res** 1985 Jul;41(1):121-9

In vivo observation of lens protein diffusivity in normal and X-irradiated rabbit lenses. Nishio I, et al. **Exp Eye Res** 1984 Jul;39(1):61-8

In vitro studies of microwave-induced cataract: reciprocity between exposure duration and dose rate for pulsed microwaves. Stewart-DeHaan PJ, et al. **Exp Eye Res** 1985 Jan;40(1):1-13

[The effect of ionizing radiation on the eye. II. The lens] Obenberger J, et al. **Cesk Oftalmol** 1985 May;41(3):178-89 (176 ref.) (Eng. Abstr.) **(Cze)**

[Changes in the lens after 60Co irradiation] Rozsival P, et al. **Cesk Oftalmol** 1985 Jul;41(4):225-30 (Eng. Abstr.) **(Cze)**

[Radiation exposure of the lens during CT of the orbital area] Rosenkranz G, et al. **Digitale Bilddiagn** 1985 Jun;5(2):66-9 (Eng. Abstr.) **(Ger)**

[Lens opacity in mice exposed to helium ions with energy of 4 GeV/nuclon and gamma-irradiation with Co-60] Kabachenko AN, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):56-8 (Eng. Abstr.) **(Rus)**

SURGERY

Pars plana lensectomy. Eide N, et al. **Acta Ophthalmol (Copenh)** 1985 Apr;63(2):250-3

Neodymium-YAG capsulotomy and potential blindness [letter] Blackwell C, et al. **Am J Ophthalmol** 1984 Oct 15; 98(4):521-2

Intermediate-term changes in intraocular pressure after neodymium-YAG laser posterior capsulotomy. Leys MJ, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):332-3

Nd:YAG laser posterior capsulotomy: a clinical study. Ait JC. **Am J Optom Physiol Opt** 1985 Mar;62(3):173-87

Prevention of intraocular pressure elevation following neodymium-YAG laser posterior capsulotomy. Richter CU, et al. **Arch Ophthalmol** 1985 Jul;103(7):912-5

Retrospective study of 67 cases of secondary pars plana posterior capsulotomy. Mashhoudi N, et al. **Br J Ophthalmol** 1985 May;69(5):364-7

YAG laser anterior capsulotomy. Manchester T. **CLAO J** 1985 Jan-Mar;11(1):47-9

Alterations in ocular and optic nerve blood flow during intraocular surgery in aspirin pretreated rabbits. Jay WM, et al. **Curr Eye Res** 1985 May;4(5):563-8

Management of the posterior capsule. Emery JM. **Dev Ophthalmol** 1985;11:169-73

Use of the Faulkner lens after vitreous loss [letter] Alpar JJ. **J Am Intraocul Implant Soc** 1984 Summer;10(3):359

A comparison of ciliary sulcus and capsular bag fixation of posterior chamber intraocular lenses. Apple DJ, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):44-63 (116 ref.)

Incidence of anterior and posterior segment complications in over 3,000 cases of extracapsular cataract extractions: intact and open capsules. Chambless WS. **J Am Intraocul Implant Soc** 1985 Mar;11(2):146-8

Neodymium:YAG laser anterior capsulotomy and a possible new application. Chambless WS. **J Am Intraocul Implant Soc** 1985 Jan;11(1):33-4

Neodymium:YAG laser posterior capsulotomy results and complications. Chambless WS. **J Am Intraocul Implant Soc** 1985 Jan;11(1):31-2

The capsule coupeur for automated anterior capsulectomy. Clayman HM, et al. **J Am Intraocul Implant Soc** 1984 Fall; 10(4):480-2

Two-way irrigating needle for cortical cleanup. Gills JP. **J Am Intraocul Implant Soc** 1984 Fall;10(4):482-3

The optimal size of a posterior capsulotomy. Holladay JT, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):18-20

Comparison of techniques and clinical results of YAG laser capsulectomy with two Q-switched units. Levy JH, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):131-3

Initial clinical results with YAG laser capsulectomy with a monomode, Q-switched unit (LASAG). Levy JH, et al. **J Am Intraocul Implant Soc** 1984 Summer;10(3):341-2

An instrument for irrigating the nucleus in extracapsular surgery. Loewenthal LM. **J Am Intraocul Implant Soc** 1984 Fall;10(4):484

Lens capsule retractor for in-the-bag placement of posterior chamber lenses. Mackool RJ. **J Am Intraocul Implant Soc** 1984 Summer;10(3):365

The double-closed-loop posterior chamber lens [letter] Pannu JS. **J Am Intraocul Implant Soc** 1984 Summer; 10(3):356-7

AB interno iridectomy combined with pars plicata lensectomy. Mizuno K, et al. **Jpn J Ophthalmol** 1984; 28(4):416-20

Neodymium: YAG laser posterior capsulotomy: the first 100 cases at UCLA. Gardner KM, et al. **Ophthalmic Surg** 1985 Jan;16(1):24-8

Nucleus delivery. Jaffe NS. **Ophthalmic Surg** 1984 Nov; 15(11):918-9

Surgical techniques for management of the posterior capsule. Knolle GE Jr. **Ophthalmic Surg** 1984 Nov;15(11):920-1

A new method for inferior capsulotomy in the face of ruptured zonules. Perry HD, et al. **Ophthalmic Surg** 1984 Sep;15(9):765-6

Lens cortex irrigation/aspiration in extracapsular cataract extraction. Retzlaff J. **Ophthalmic Surg** 1984 Nov; 15(11):926-9

Posterior chamber lenses: theory and use. Sheets JH. **Ophthalmic Surg** 1984 Nov;15(11):922-5

The anterior capsulotomy of extracapsular cataract extraction. Stark WJ, et al. **Ophthalmic Surg** 1984 Nov; 15(11):911-7

Effect of pilocarpine in treatment of intraocular pressure elevation following neodymium: YAG laser posterior capsulotomy. Brown SV, et al. **Ophthalmology** 1985 Mar; 92(3):354-9

Early complications following Q-switched neodymium: YAG laser posterior capsulotomy. Flohr MJ, et al. **Ophthalmology** 1985 Mar;92(3):360-3

Excimer laser ablation of the cornea and lens. Experimental studies. Puliafito CA, et al. **Ophthalmology** 1985 Jun; 92(6):741-8

Neodymium: YAG lasers. An FDA report. Stark WJ, et al. **Ophthalmology** 1985 Feb;92(2):209-12

Tissue toxicity of laser-damaged intraocular lens implants. Terry AC, et al. **Ophthalmology** 1985 Mar;92(3):414-8

YAG laser anterior capsulotomy. Manchester T. **Trans Am Ophthalmol Soc** 1984;82:176-86

[Phakectomy and vitrectomy in chronic uveitis] Gronemeyer U. **Fortschr Ophthalmol** 1985;82(1):41-3 (Eng. Abstr.) **(Ger)**

[Primary lens surgery in perforating injuries] Neubauer H. **Fortschr Ophthalmol** 1985;82(1):23-6 (Eng. Abstr.) **(Ger)**

[Antibiotic concentrations in the area of the vitreous body following vitrectomy and vitrectomy and lensectomy] Völker B, et al. **Fortschr Ophthalmol** 1984;81(3):260-2 (Eng. Abstr.) **(Ger)**

[Excision of the posterior lens capsule with preservation of the anterior vitreous face] Weidle EG, et al. **Fortschr Ophthalmol** 1985;82(3):256-8 (Eng. Abstr.) **(Ger)**

[Capsulotomy with the diathermy scalpel (2)] Berger G. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):107-12 (Eng. Abstr.) **(Ger)**

[Results of operative couching of the lens (a study from Nepal)] Brandt F, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):543-6 (Eng. Abstr.) **(Ger)**

[YAG laser posterior capsulotomy following extracapsular cataract extraction] Geyer O, et al. **Harefuah** 1985 Feb 1;108(3):123-4 (Eng. Abstr.) **(Heb)**

[Nd:YAG laser posterior capsulotomy and the corneal endothelium] Ohara K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):498-502 (Eng. Abstr.) **(Jpn)**

TRANSPLANTATION

Antibody response following implantation of xenogenic lenticules. Willey DE, et al. **Cornea** 1984;3(1):33-6

[Treatment of corneal edematous dystrophy by interlamellar alloplasty with the crystalline lens capsule] Prytkova NA. **Vestn Oftalmol** 1985 Mar-Apr;101(2):48-9 **(Rus)**

ULTRASTRUCTURE

Ultrastructural appearances of a lens with marked polychromatic lustre: evidence for diffraction as a cause. Hayes BP, et al. **Br J Ophthalmol** 1984 Dec;68(12):850-8

Polygonal arrays of microfilaments in epithelial cells of the intact lens. Rafferty NS, et al. **Curr Eye Res** 1984 Sep; 3(9):1141-9

Effect of hyperosmolar medium on the protein synthesis and morphology of epithelial cells of the cultured rabbit lens. Bagchi M, et al. **Exp Eye Res** 1985 Apr;40(4):499-508

Sequential structural response of lens epithelium to retina-conditioned medium. Walton J, et al. **Exp Eye Res** 1984 Aug;39(2):217-29

23Na NMR investigation of human lenses from patients with cataracts. Fossarello M, et al. **FEBS Lett** 1985 May 20; 184(2):245-8

The ring of Soemmerring in the rabbit: A scanning electron microscopic study. Kappelhof JP, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):111-20

Ultrastructural investigations on anterior capsular cataract. Cellular elements and their relationship to basement membrane and collagen synthesis. Pau H, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(1):41-6

Junctions between lens fiber cells are labeled with a monoclonal antibody shown to be specific for MP26. Sas DF, et al. **J Cell Biol** 1985 Jan;100(1):216-25

Lens cell-to-cell channel protein: II. Conformational change in the presence of calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):227-33

Sutures of the crystalline lens: a review. Kuszak JR, et al. **Scan Electron Microsc** 1984;(Pt 3):1369-78 (33 ref.)

Lens fiber organization in four avian species: a scanning electron microscopic study. Willekens B, et al. **Tissue Cell** 1985;17(3):359-77

[Metaplasia of lens epithelium in fibroblasts] Pau H, et al. **Fortschr Ophthalmol** 1985;82(2):132-8 (Eng. Abstr.) **(Ger)**

[Histological studies of congenital cataract. Retardation of denucleation process] Hamai Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1548-54 (Eng. Abstr.) **(Jpn)**

[Membrane alterations during cataract development in the diabetic rats lens] Tanaka M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec;88(12):1507-16 (Eng. Abstr.) **(Jpn)**

[Electron microscopic study of an experimental contusion cataract of a Japanese monkey] Katsume Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):441-8 (Eng. Abstr.) **(Jpn)**

LENS DISEASES

DIAGNOSIS

Fluorescence/Raman intensity ratio for monitoring the pathologic state of human lens. Yu NT, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):97-101

ETIOLOGY

Ocular abnormalities occurring with alopecia areata. Tosti A, et al. **Dermatologica** 1985;170(2):69-73

FAMILIAL & GENETIC

Hereditary ocular dysproteinhydria of the aqueous humour with crystalline deposits. Behrens-Baumann W, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):187-91

OCCURRENCE

The epidemiology of the pseudo-exfoliation syndrome. Dell WM. **J Am Optom Assoc** 1985 Feb;56(2):113-9 (41 ref.)

[New data on the epidemiology of the exfoliative syndrome in western Brittany] Resnikoff S, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):71-7 (Eng. Abstr.) **(Fre)**

LENS DISLOCATION AND SUBLUXATION

[Ectopia lentis] Grange JD. **Annee Ther Clin Ophtalmol** 1983; 34:33-48 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

[Spherophakia and spontaneous sclero-conjunctival fistula] Antaki S. **Bull Mem Soc Fr Ophtalmol** 1985;96:300-2 **(Fre)**

[Lysinuria and changes in the crystalline lens] Moschos M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:322-3 **(Fre)**

ETIOLOGY

Posterior capsular-zonular disruption in planned extracapsular surgery. O'Donnell FE Jr, et al. **Arch Ophthalmol** 1985 May;103(5):652-3

[Glaucoma associated with traumatic dislocation of the lens] Chen YC. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):23-6 **(Chi)**

[Subconjunctival dislocation of the crystalline lens in eye injuries] Kozak U. **Klin Oczna** 1984 Jul;86(7):305-6 (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

[Associated ectopia of the lens and pupil (apropos of 2 familial cases)] Grange JD, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):865-7 (Eng. Abstr.) **(Fre)**

PATHOLOGY

A case of spontaneous dislocated lenses. Bass LJ, et al. **Am J Optom Physiol Opt** 1985 May;62(5):352-6

[Contusion cataract and lens dislocation] Völcker HE. **Fortschr Ophthalmol** 1984;81(4):308-11 (Eng. Abstr.) **(Ger)**

SURGERY

The surgical management of dislocated traumatic cataracts. Zaidman GW. **Am J Ophthalmol** 1985 May 15;99(5):583-5

Xenon arc photocoagulation for treatment of subluxation of lens. Lamba PA, et al. **Br J Ophthalmol** 1985 Apr; 69(4):291-3

Surgery in (sub-) luxated lenses in adults. Demeler U, et al. **Dev Ophthalmol** 1985;11:162-5

Suture fixation technique for subluxated posterior chamber IOL through stab wound incision. Moretsky SL. **J Am Intraocul Implant Soc** 1984 Fall;10(4):477-80

[Phakophagia via the pars plana. Apropos of 9 cases of cataract and 4 cases of congenital ectopia lentis] Boudet C, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:329-35 **(Fre)**

[Phakophagia of ectopic lenses by the posterior approach. Results of 85 cases] Turut P, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:336-8 **(Fre)**

[Results of cryoextraction of dislocated and severely subluxated lenses] Matthäus W. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):253-8 (Eng. Abstr.) **(Ger)**

[Possibilities of refractive keratoplasty in rehabilitating patients with traumatic cataract and dislocation of the crystalline lens into the vitreous body] Beliaev VS, et al. **Oftalmol Zh** 1984;(4):210-2 (Eng. Abstr.) **(Rus)**

[Surgical rehabilitation of patients with a subluxated clear crystalline lens] Pastukhova AN, et al. **Oftalmol Zh** 1984; (4):209-10 (Eng. Abstr.) **(Rus)**

THERAPY

Aphakic correction in ectopia lentis. Nelson LB, et al. **Ann Ophthalmol** 1985 Jul;17(7):445-7

Aspiration of ectopia lentis. Baikoff G. **Dev Ophthalmol** 1985; 11:157-61

LENS IMPLANTATION, INTRAOCULAR see **LENSES, INTRAOCULAR**

LENS NUCLEUS, CRYSTALLINE see under **LENS, CRYSTALLINE**

LENS OPACITIES see **CATARACT**

LENS PROTEINS see **CRYSTALLINS**

LENSES

Biomicroscopic examination of the ocular fundus with a +60-diopter lens. Lundberg C. **Am J Ophthalmol** 1985 Apr 15;99(4):490-1

The indirect ophthalmoscope lens and eye movement disorders. Rosenberg ML. **Am J Ophthalmol** 1985 Apr 15; 99(4):491-2

Disinfectant container for diagnostic lenses. Vijfvinkel G, et al. **Am J Ophthalmol** 1985 May 15;99(5):600-1

Funduscopic systems: magnification in ametropia and aphakia. Raasch T. **Am J Optom Physiol Opt** 1985 Jan; 62(1):19-24

Evaluation of the Honey Bee Lens [letter] Fonda G. **Arch Ophthalmol** 1985 Feb;103(2):180-1

An improved negative-lens field expander for patients with concentric field constriction [letter] Kozlowski JM, et al. **Arch Ophthalmol** 1985 Mar;103(3):326

Dual laser flow cytometry: focal length compensation when focussing through a single lens. Fellner-Feldegg H. **Cytometry** 1985 Jul;6(4):286-9

Bangerter occlusives versus spherical convex lenses in the evaluation of visual acuity by visually evoked cortical potentials. Mitsuyu M, et al. **Dev Ophthalmol** 1984;9:115-22

Binocular visual perception in strabismics studied by means of visual evoked responses. Chiesi C, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):51-6

The Bagolini striated lens test for cyclotropia. Ruttum M, et al. **Doc Ophthalmol** 1984 Aug 15;58(1):131-9

Enhanced nuclear radiation from camera lenses. Waligórski MP, et al. **Health Phys** 1985 Sep;49(3):491-4

A simple method of adding half-stops to a Micro Nikkor lens. Loomis SD. **J Biol Photogr** 1984 Jul;52(3):53-5

A new lens for argon laser trabeculoplasty. Ritch R. **Ophthalmic Surg** 1985 May;16(5):331-2

[Visual aids for advanced senile macular degeneration] Thys-Barzin A. **Bull Soc Belge Ophtalmol** 1984; 209:199-218 (Eng. Abstr.) **(Fre)**

LENSES, CONTACT see **CONTACT LENSES**

LENSES, CONTACT, HYDROPHILIC see **CONTACT LENSES, HYDROPHILIC**

LENSES, INTRAOCULAR

Intraocular pressure in the first days after implantation of the semiflexible McGhan/3 M, style 70, anterior chamber lens. Naeser K, et al. **Acta Ophthalmol (Copenh)** 1985 Jun; 63(3):285-9

Changes of the corneal endothelium following intracapsular cataract extraction with implantation of semiflexible anterior chamber lenses. I. Results of the early post-operative period. Stur M, et al. **Acta Ophthalmol (Copenh)** 1984 Aug;62(4):586-94

Successful intraocular lens implantation: a histological and scanning electron microscopic study of four cases. Mullaney J, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985; 170:41-9

Comparison of the effects of Viscoat and Healon on postoperative intraocular pressure. Barron BA, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):377-84

Subconjunctival dislocation of a posterior chamber intraocular lens. Bene C, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):85-6

Secondary intraocular lens implantation during or after corneal transplantation. Binder PS. **Am J Ophthalmol** 1985 May 15;99(5):515-20

Histopathologic correlative study of Kelman-style flexible anterior chamber intraocular lenses. Kincaid MC, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):159-69

Effect of intraocular lens fixation on the blood-aqueous barrier. Miyake K, et al. **Am J Ophthalmol** 1984 Oct 15; 98(4):451-5

Biomicroscopy of surface deposits resembling foreign-body giant cells on implanted intraocular lenses. Ohara K. **Am J Ophthalmol** 1985 Mar 15;99(3):304-11

An inexpensive irrigating pusher for posterior chamber lens implantation. Patrick RK. **Am J Ophthalmol** 1985 Jan 15; 99(1):86

Indications for intraocular lens implantation: an analysis of 1033 cases. Lim AS, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):168-70

Ne-YAG laser damage to glass intraocular lens. Fritch CD. **Ann Ophthalmol** 1984 Dec;16(12):1177

Surgical treatment of dislocated iris-plane intraocular lenses.

Hamburger HA, et al. **Ann Ophthalmol** 1985 Jul;17(7):434-6

Clinical retrospective study comparing planned extracapsular cataract extraction and phakoemulsification with and without lens implantation. Heslin KB, et al. **Ann Ophthalmol** 1984 Oct;16(10):956-8, 960-2

The effect of prophylactic acetazolamide on the intraocular pressure rise associated with Healon-aided intraocular lens surgery. Lewen R, et al. **Ann Ophthalmol** 1985 May;17(5):315-8

Implantation of posterior chamber lenses in glaucoma patients. Monica ML, et al. **Ann Ophthalmol** 1985 Jan;17(1):9-10

Corneal endothelial morphology after anterior chamber lens implantation. Glasser DB, et al. **Arch Ophthalmol** 1985 Sep;103(9):1347-9

Analysis of corneal thickness and endothelial cell density in pseudophakic and aphakic patients undergoing penetrating keratoplasty. Insler MS, et al. **Arch Ophthalmol** 1985 Mar;103(3):390-3

Factors associated with poor predictability by intraocular lens calculation formulas. Richards SC, et al. **Arch Ophthalmol** 1985 Apr;103(4):515-8

Repositioning of Descemet's membrane: a case report. Booth FM, et al. **Aust J Ophthalmol** 1984 Nov;12(4):341-3

The use of extended wear contact lenses in aphakia. Sabiston DW. **Aust J Ophthalmol** 1984 Nov;12(4):331-4

The 1980 and 1981 accident experience of civil airmen with selected visual pathology. Dille JR, et al. **Aviat Space Environ Med** 1984 Oct;55(10):966-9

Contrast attenuation characteristics of iris clipped intraocular lens implants in situ. Hess RF, et al. **Br J Ophthalmol** 1985 Feb;69(2):129-35

Corneal thickness changes following cataract surgery: effect of lens implantation and sodium hyaluronate. Jacob JS. **Br J Ophthalmol** 1985 Aug;69(8):567-71

Extracapsular lens extraction and posterior chamber intraocular lens insertion combined with trabeculectomy. Jay JL. **Br J Ophthalmol** 1985 Jul;69(7):487-90

Histopathological findings in necropsy eyes with intraocular lenses. McMahon MS, et al. **Br J Ophthalmol** 1985 Jun;69(6):452-8

Retrospective study of 67 cases of secondary pars plana posterior capsulotomy. Mashhoudi N, et al. **Br J Ophthalmol** 1985 May;69(5):364-7

Glaucoma triple procedure of extracapsular cataract extraction, posterior chamber lens implantation, and trabeculectomy. Percival SP. **Br J Ophthalmol** 1985 Feb;69(2):99-102

Who should have an intraocular lens? [letter] **Br Med J [Clin Res]** 1985 Mar 16;290(6471):857-8

Who should have an intraocular lens? [editorial] Trevor-Roper PD. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):581-2

Hyaluronic acid [letter] Alpar JJ. **CLAO J** 1984 Oct-Dec;10(4):298

Reflections upon uvea-supported and 'in-the-bag' lenses in 1984: a personal viewpoint. Alpar JJ. **CLAO J** 1984 Oct-Dec;10(4):316-9 (30 ref.)

Guidelines for the selection of an anterior chamber lens: a personal viewpoint. Anis AY. **CLAO J** 1984 Jul-Sep;10(3):213-7

The first 1,000 Mark IX implants in the practice of the Regional Eye Centre, Southend General Hospital, Essex, England: 1978-1983. Choyce DP. **CLAO J** 1984 Jul-Sep;10(3):218-21

Keratocyte attachment to hydrogel materials. Zavala EY, et al. **Curr Eye Res** 1984 Oct;3(10):1253-62

New aspects of pseudophakos fixation. Draeger J. **Dev Ophthalmol** 1985;11:176-80

Hypermetropic and myopic keratokyphosis. Hoffmann F, et al. **Dev Ophthalmol** 1985;11:103-7

The glaucoma triple procedure. Percival P. **Dev Ophthalmol** 1985;11:142-6

One year's experience with the Pearce tripod posterior chamber intraocular lens. de Vries-Knoppert WA, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):51-5

An analysis of the results and complications of implantation of 130 Pearce lenses. Nijman NM, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):41-44

Effects of straylight on visual acuity in pseudophakia. van der Heijde GL, et al. **Doc Ophthalmol** 1985 Jan 31;59(1):81-4

Chemical studies of intraocular lenses after experimental generation of lesions by a short-pulsed Nd-YAG laser. Scheiffarth OF, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):43-4

Glaucoma and the intraocular lens patient. Clayman HM. **Int Ophthalmol Clin** 1984 Fall;24(3):49-59

Glaucoma and intraocular lens implantation. Smith JA. **Int Ophthalmol Clin** 1984 Fall;24(3):61-77 (52 ref.)

Apparent accommodation in pseudophakic eyes after implantation of posterior chamber intraocular lenses: optical analysis. Nakazawa M, et al. **Invest Ophthalmol Vis Sci** 1984 Dec;25(12):1458-60

Predicting refractive alterations with hydrogel keratophakia. Watsky MA, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):240-3

Consultation section. Indications for performing an iridectomy during cataract-intraocular lens surgery. **J Am Intraocul Implant Soc** 1985 May;11(3):301-4

Long-term follow-up of primary Choyce Mark IX anterior chamber implantation. Absolon MJ. **J Am Intraocul Implant Soc** 1985 Mar;11(2):162-4

Use of the Ethicon 1713 suture for McCannel suturing. Alpar JJ. **J Am Intraocul Implant Soc** 1985 May;11(3):296-8

Photo demonstration of quality of vision with intact posterior capsule. Alpar JJ, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):393-5

Use of the Faulkner lens after vitreous loss [letter] Alpar JJ. **J Am Intraocul Implant Soc** 1984 Summer;10(3):359

An irrigating instrument for inserting Simcoe and Binkhorst retropupillary lenses. Bailey PF. **J Am Intraocul Implant Soc** 1985 Mar;11(2):187-8

Glistenings in injection-molded lens [letter] Ballin N. **J Am Intraocul Implant Soc** 1984 Fall;10(4):473

In-the-bag placement of posterior chamber lenses. Barnet RW. **J Am Intraocul Implant Soc** 1985 May;11(3):294-6

Photometric evaluation of YAG-induced polymethylmethacrylate damage in a keratoprosthesis. Bath PE, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):253-6

Perspex CQ grade for IOLs [letter] Cheal GR. **J Am Intraocul Implant Soc** 1984 Fall;10(4):474

Intraocular lens implantation in acute angle closure glaucoma associated with cataract. Civerchia LL, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):171-3

Ultraviolet-absorbing intraocular lenses. Clayman HM. **J Am Intraocul Implant Soc** 1984 Fall;10(4):429-32

Goniomegaly associated with a normal cornea, increased axial length, and minimal refractive error. Dolin SL, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):288-9

A forceps for implanting J-loop lenses. Fechner PU. **J Am Intraocul Implant Soc** 1984 Summer;10(3):367

Frezzotti-Caporossi posterior chamber lens [letter] Frezzotti R, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):280-2

Interaction between ophthalmic drugs and intraocular lenses. Green K, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):28-30

Long-term aging behavior of ultraviolet-absorbing intraocular lenses. Gupta A. **J Am Intraocul Implant Soc** 1984 Summer;10(3):309-14

A comparative study of the 91Z and other anterior chamber intraocular lenses. Hagan JC 3d. **J Am Intraocul Implant Soc** 1984 Summer;10(3):324-8

Anterior versus posterior chamber lenses [letter] Hagan JC 3d. **J Am Intraocul Implant Soc** 1985 Jan;11(1):65-7

Determining intraocular lens power within the eye. Holladay JT, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):353-63

Penetrating keratoplasty combined with flexible anterior chamber lens implantation. Insler MS, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):159-61

Analysis of intraocular lens power calculation. Liang YS, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):268-71

A menu-driven Lotus 1-2-3 template for intraocular lens calculation and automatic generation of an SRK constant. McDonald JE 2d. **J Am Intraocul Implant Soc** 1985 Jan;11(1):75-7

Lens capsule retractor for in-the-bag placement of posterior chamber lenses. Mackool RJ. **J Am Intraocul Implant Soc** 1984 Summer;10(3):365

Suture fixation technique for subluxated posterior chamber IOL through stab wound incision. Moretsky SL. **J Am Intraocul Implant Soc** 1984 Fall;10(4):477-80

Intraocular lens design for the neodymium:YAG laser. Myers WD, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):35-6

Insertion of the Norris anterior chamber lens using the dialing technique [letter] Norris RB. **J Am Intraocul Implant Soc** 1985 Mar;11(2):169

A prospective study of combined extracapsular cataract extraction, posterior chamber lens implantation, and trabeculectomy. Ohanesian RV, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):142-5

The double-closed-loop posterior chamber lens [letter] Pannu JS. **J Am Intraocul Implant Soc** 1984 Summer;10(3):356-7

Results of a clinical trial of sodium hyaluronate in lens implantation surgery. Percival SP. **J Am Intraocul Implant Soc** 1985 May;11(3):257-9

Calculation of an IOL from the wide-angle optical model of the eye. Pomerantzeff O, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):37-43

Postimplantation bleeding after aspirin ingestion [letter] Pulaski JP. **J Am Intraocul Implant Soc** 1985 Jul;11(4):388

Clinical evaluation of six intraocular lens calculation formulas. Richards SC, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):153-8

A BASIC language computer program for intraocular lens power calculations. Sharvelle DJ. **J Am Intraocul Implant Soc** 1985 Jul;11(4):400-5

Shearing posterior chamber intraocular lenses: five-year postoperative results. Southwick PC, et al. **J Am Intraocul Implant Soc** 1984 Summer;10(3):318-23

Intraocular lenses and anticoagulation and antiplatelet therapy. Stone LS, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):165-8

Secondary IOL power calculations: a comparison of regression formula and refraction method in accurate prediction of emmetropia. Summers CG, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):448-51

Use of the piezo-electric gun to remove surface charge from intraocular lenses. Tennant JL, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):486-7

Forceps for implantation of posterior chamber loop haptic lenses. Thorton SP. **J Am Intraocul Implant Soc** 1984 Summer;10(3):366

Microsurgery of the lens in high myopia for optical purposes [letter] Verzella F. **J Am Intraocul Implant Soc** 1985 Jan;11(1):65

Intraocular lens insertion forceps. Wilkerson ER Jr. **J Am Intraocul Implant Soc** 1984 Summer;10(3):368

Preliminary study of hydrophilic hydrogel intraocular lens implants in cats. Yalon M, et al. **J Am Intraocul Implant Soc** 1984 Summer;10(3):315-7

Examination of the pseudophakic patient. Devita VJ, et al. **J Am Optom Assoc** 1985 Feb;56(2):103-7

A review of intraocular lenses. Findley HM, et al. **J Am Optom Assoc** 1984 Nov;55(11):811-7

Intraocular lens induced anisometropia. Kirschen M. **J Am Optom Assoc** 1985 May;56(5):395

Outpatient cataract and intraocular lens surgery. Boone WB, et al. **J Natl Med Assoc** 1984 Dec;76(12):1201-4

Intra-ocular lens implantation. Ring C. **NZ Med J** 1985 Apr 10;98(776):232-3

The use of Healon in corneal transplant surgery with and without intraocular lenses. Alpar JJ. **Ophthalmic Surg** 1984 Sep;15(9):757-60

Intraocular lenses in myopes. Armstrong TA, et al. **Ophthalmic Surg** 1984 Aug;15(8):653-7

A study of 200 cases of anterior chamber implants. Ciccarelli EC. **Ophthalmic Surg** 1985 Jul;16(7):425-32

A simplified light filter for microsurgery. Ellsworth RJ, et al. **Ophthalmic Surg** 1984 Sep;15(9):779

My method of extracapsular cataract extraction with implantation of a posterior chamber intraocular lens. Gills JP. **Ophthalmic Surg** 1985 Jun;16(6):386-92

Hessburg anterior chamber intraocular lens results. Hessburg PC, et al. **Ophthalmic Surg** 1985 Apr;16(4):237-41

Intraoperative posterior chamber lens haptic fixation in the human cadaver eye. Miyake K, et al. **Ophthalmic Surg** 1985 Apr;16(4):230-6

Observing posterior capsule lens haptics in living postoperative eyes. Miyake K. **Ophthalmic Surg** 1984 Aug;15(8):658-60

Modification of intraocular plastic lens implants to enhance adherence of a cell membrane [letter] Parkinson WC. **Ophthalmic Surg** 1985 Apr;16(4):260

Painful bullous keratopathy following pediatric cataract surgery with intraocular lens implantation. Rozenman Y, et al. **Ophthalmic Surg** 1985 Jun;16(6):372-4

Coumadin related spontaneous hyphemas in patients with iris fixated pseudophakos. Schiff FS. **Ophthalmic Surg** 1985 Mar;16(3):172-3

Posterior chamber lenses: theory and use. Sheets JH. **Ophthalmic Surg** 1984 Nov;15(11):922-5

The anterior capsulotomy of extracapsular cataract extraction. Stark WJ, et al. **Ophthalmic Surg** 1984 Nov;15(11):911-7

The Hessburg flexible anterior chamber intraocular lens. Stokes HR. **Ophthalmic Surg** 1984 Dec;15(12):985-90

Improved vision following penetrating keratoplasty for pseudophakic corneal edema--visual results. Terry AC, et al. **Ophthalmic Surg** 1984 Sep;15(9):752-6

Acellular proteinaceous film on lens implants: a typical reactive situation in complicated cases. Wolter JR. **Ophthalmic Surg** 1985 Apr;16(4):242-6

Lens implant cyto-pathology in postoperative Proteus panophthalmitis. Wolter JR, et al. **Ophthalmic Surg** 1984 Aug;15(8):661-5

Uveal melanoma presenting after cataract extraction with intraocular lens implantation. Chess J, et al. **Ophthalmology** 1985 Jun;92(6):827-30

Implanted intraocular lenses and fluorescence [letter] Hall DL. **Ophthalmology** 1984 Nov;91(11):46A

Intraocular lens implantation in children with monocular cataracts. 1974-1983. Hiles DA. **Ophthalmology** 1984 Oct;91(10):1231-7

Results of penetrating keratoplasty for pseudophakic corneal edema with retention of intraocular lens. Kozarsky AM, et al. **Ophthalmology** 1984 Oct;91(10):1141-6

Effect of an ultraviolet-filtering intraocular lens on cystoid macular edema. Kraff MC, et al. **Ophthalmology** 1985 Mar;92(3):366-9

Pseudophakic bullous keratopathy. Relationship to preoperative corneal endothelial status. Rao GN, et al. **Ophthalmology** 1984 Oct;91(10):1135-40

Cataract surgery and intraocular lenses in patients with unsuspected malignant melanoma of the ciliary body and choroid. Shields JA, et al. **Ophthalmology** 1985 Jun;92(6):823-6

Specular microscopic follow-up of corneal grafts for pseudophakic bullous keratopathy. Sugar A, et al. **Ophthalmology** 1985 Mar;92(3):325-30

Cytopathology of intraocular lens implantation. Wolter JR. **Ophthalmology** 1985 Jan;92(1):135-42

Pseudophakic retinal detachments. Wilkinson CP. **Retina** 1985 Winter-Spring;5(1):1-4

Intraocular lens for the correction of aphakia. Lim TK. **Singapore Med J** 1984 Oct;25(5):348-53

Intraocular lenses. Histopathologic characteristics of a large series of autopsy eyes. Champion R, et al. **Surv Ophthalmol** 1985 Jul-Aug;30(1):1-32

A Ridley Lens successfully implanted since 1953 [letter] Matthews JD. **Surv Ophthalmol** 1984 Nov-Dec;29(3):230

The histopathology of intraocular lenses. Crawford JB. **Trans Am Ophthalmol Soc** 1984;82:203-17

The glaucomas and extracapsular cataract surgery with posterior chamber lens implantation. Simmons RJ, et al.

Trans New Orleans Acad Ophthalmol 1985;:27-54

Complications of anterior chamber intraocular lenses and their effect on the endothelium. McGill J, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):273-7

Uncomplicated bilateral intraocular lens implants: intracapsular and extracapsular results in the same patient. Markoff JI, et al. **Trans Ophthalmol Soc UK** 1985;104 (Pt 3):270-2

Results of intraocular lens implantation in children with monocular cataracts (1974-1983). Hiles DA. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):169-80

[Lens implantation; current status] Leonard PA. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):439-43 **(Dut)**

[Correction of aphakia with an intraocular implant. Can it be considered a routine operation?] Azadeh M. **Bull Mem Soc Fr Ophtalmol** 1985;96:354-6 **(Fre)**

[Our experience with anterior implant with angular support. Results of 350 cases] Clop H, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:339-46 **(Fre)**

[Specular microscopy and anterior chamber implants] Massin M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:141-3 **(Fre)**

[Site of implantation as a factor in inflammation of the iris] Menezo JL, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:350-3 **(Fre)**

[Initial implantations with a APC type (anterior-posterior chamber) original lens] Meur G, et al. **Bull Soc Belge Ophtalmol** 1983;207:15-20 (Eng. Abstr.) **(Fre)**

[Our experience with a new anterior chamber implant] Clop H, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):103-7 (Eng. Abstr.) **(Fre)**

[Our experience with a new anterior chamber implant] Clop H, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):19-23 (Eng. Abstr.) **(Fre)**

[Implants and glaucoma] Clop H, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):761-6 (Eng. Abstr.) **(Fre)**

[Evaluation of calculation formulae of the power of an implant. Statistical study of 114 implantations] Diraison Y, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):407-14, 417-9 **(Fre)**

[Anterior chamber implants with flexible supports. General and particular principles] Girard P. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):213-7 **(Fre)**

[Choyce MK IX anterior chamber implants placed after intracapsular extraction, in the same operation] Girard P, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1237-41 (Eng. Abstr.) **(Fre)**

[Fate of artificial lenses: a scanning electron microscopy study] Colin J, et al. **J Fr Ophtalmol** 1984;7(11):721-6 (Eng. Abstr.) **(Fre)**

[Combined operation: cataract and glaucoma with implantation. Results of a series of 28 cases] Lebuisson D, et al. **J Fr Ophtalmol** 1984;7(12):781-7 (Eng. Abstr.) **(Fre)**

[Twilight visual acuity and glare sensitivity following implantation of anterior and posterior chamber lenses] Aust W, et al. **Fortschr Ophthalmol** 1985;82(2):179-80 (Eng. Abstr.) **(Ger)**

[Implantation of a modified Dubroff 3-loop anterior chamber lens] Conrads H. **Fortschr Ophthalmol** 1985;82(3):272-3 (Eng. Abstr.) **(Ger)**

[Optimal construction of retropupillary artificial lenses in relation to the use of the YAG laser] Draeger J, et al. **Fortschr Ophthalmol** 1985;82(3):266-8 (Eng. Abstr.) **(Ger)**

[Planning of sulcus-fixated posterior chamber intraocular lenses] Gernet H. **Fortschr Ophthalmol** 1984;81(5):463-5 (Eng. Abstr.) **(Ger)**

[Animal research on an intraocular lens altering refractive power] Hackelbusch R, et al. **Fortschr Ophthalmol** 1985; 82(1):71-2 (Eng. Abstr.) **(Ger)**

[Lens implantation in reduced retinal function] Hammerstein W. **Fortschr Ophthalmol** 1985;82(1):53-4 (Eng. Abstr.) **(Ger)**

[Intraocular lenses and retinal detachment] Heimann K. **Fortschr Ophthalmol** 1985;82(2):168-71 (Eng. Abstr.) **(Ger)**

[Posterior chamber lens implantation in glaucoma] Kamman J, et al. **Fortschr Ophthalmol** 1985;82(2):183-5 (Eng. Abstr.) **(Ger)**

[Retinal visual acuity and short-wave light absorption in nuclear cataract and intraocular lenses] Kluxen G, et al. **Fortschr Ophthalmol** 1985;82(1):48-52 (Eng. Abstr.) **(Ger)**

[Keratoplasty following pseudophakia] Meyer HJ. **Fortschr Ophthalmol** 1984;81(3):252-3 (Eng. Abstr.) **(Ger)**

[Postoperative cataract formation following extracapsular cataract extraction—with and without lens implantation] Nover A, et al. **Fortschr Ophthalmol** 1985;82(3):240-2 (Eng. Abstr.) **(Ger)**

[The iris after posterior chamber lens implantation] Paroussis P, et al. **Fortschr Ophthalmol** 1985;82(1):55-6 (Eng. Abstr.) **(Ger)**

[Source of error in a commercial program for calculating intraocular lenses] Pittke EC. **Fortschr Ophthalmol** 1985; 82(3):269-71 (Eng. Abstr.) **(Ger)**

[Implantation technic of the Copeland radial pan-chamber lens] Praeger DL. **Fortschr Ophthalmol** 1985;82(2):175-6 (Eng. Abstr.) **(Ger)**

[Clinical research on the efficiency of laser-space lenses] Rochels R, et al. **Fortschr Ophthalmol** 1985;82(1):73-4 (Eng. Abstr.) **(Ger)**

[Implantation of a Binkhorst lens in chronic simple glaucoma] Sassenroth U, et al. **Fortschr Ophthalmol** 1985;82(2):186 (Eng. Abstr.) **(Ger)**

[Morphology of an anterior chamber lens removed after 23 years] Sievers H, et al. **Fortschr Ophthalmol** 1985; 82(2):177-8 (Eng. Abstr.) **(Ger)**

[Calculation of the power of refraction of intraocular lenses] Strobel J. **Fortschr Ophthalmol** 1985;82(2):165-7 (Eng. Abstr.) **(Ger)**

[Penetrating keratoplasty in Fuchs' dystrophy with implantation of a posterior chamber lens] Trinkmann R. **Fortschr Ophthalmol** 1985;82(3):274-5 (Eng. Abstr.) **(Ger)**

[Endothelium protective effect of hyaluronic acid] Böhnke M, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):362-5 (Eng. Abstr.) **(Ger)**

[Experiences with anterior chamber lens implantation following intracapsular cataract extraction] Clemente P. **Klin Monatsbl Augenheilkd** 1984 Jun;184(6):566-8 (Eng. Abstr.) **(Ger)**

[Pseudophakia and the pupil] Doden W. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):155-7 (Eng. Abstr.) **(Ger)**

[Binocular functions in unilateral pseudophakia] Doden W, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):250-2 (Eng. Abstr.) **(Ger)**

[Choice of the physiologic implantation site for artificial lenses] Draeger J, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):200-3 (Eng. Abstr.) **(Ger)**

[Aniseikonia in unilateral pseudophakia] Heider W, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):515-7 (Eng. Abstr.) **(Ger)**

[Cataract operation with anterior chamber lens implant] Kutschera E, et al. **Klin Monatsbl Augenheilkd** 1985 Apr; 186(4):259-61 (Eng. Abstr.) **(Ger)**

[Fundus asymmetry—supertraction of the papilla and posterior sclera staphyloma—as a source of error in the calculation of intraocular lenses] Meier U, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):259-62 (Eng. Abstr.) **(Ger)**

[Derivation and critical analysis of formulas for the calculation of the refractive power of intraocular lenses] Nitsch J, et al. **Klin Monatsbl Augenheilkd** 1985 Jan; 186(1):66-73 (Eng. Abstr.) **(Ger)**

[Minimal endothelial cell loss following phacoemulsification and implantation of a posterior chamber lens] Ohrloff C, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):303-6 (Eng. Abstr.) **(Ger)**

[Congruent corneal cap of metal foil as protection of the eye against light and heat from operation lamps] Payer H. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):46-7 (Eng. Abstr.) **(Ger)**

[A case of recurrent hyphema in pseudophakia] Schipper I. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):132-3 (Eng. Abstr.) **(Ger)**

[Fundus examination without radiation burden following implantation of intraocular lenses] Schwind HB. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):315 (Eng. Abstr.) **(Ger)**

[Corneal endothelial cell losses following implantation of Simcoe posterior chamber lenses] Trinkmann R, et al. **Klin Monatsbl Augenheilkd** 1984 Aug;185(2):134-7 (Eng. Abstr.) **(Ger)**

[Clinical findings following a 32-year wearing time of a Ridley artificial lens] Uthoff D. **Klin Monatsbl Augenheilkd** 1985 May;186(5):374-6 (Eng. Abstr.) **(Ger)**

[2 forceps for implantation of Choyce-Mark IX anterior chamber lenses] Vogel M. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):219-20 (Eng. Abstr.) **(Ger)**

[Experience with the implantation of the Choyce Mark IX anterior chamber lens] Vogel M, et al. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):2-6 (Eng. Abstr.) **(Ger)**

[Cataract surgery and lens implantation. Development, present stage and future perspectives] Sommer G, et al. **Med Monatsschr Pharm** 1985 Jul;8(7):202-7 **(Ger)**

[Analysis of refraction in pseudophakic eyes, with reference to near vision] Komine T. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):368-74 (Eng. Abstr.) **(Jpn)**

[Results of a lens implant in unilateral cataract extracted intra- or extracapsularly] Pop M, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):123-8 (Eng. Abstr.) **(Rum)**

[Prognosis of corneal endothelial function after phacoemulsification with simultaneous implantation of Fedorov-Zakharov iris-clips-lenses] Egorova EV, et al. **Oftalmol Zh** 1984;(8):504 **(Rus)**

[Treatment of postoperative endophthalmitis in artiphakia by vitrectomy and the intravitreal administration of gentamycin] Fedorov SN, et al. **Oftalmol Zh** 1984;(5):264-7 (Eng. Abstr.) **(Rus)**

[Use of intraocular correction in cataract and myopia] Ivashina AI, et al. **Oftalmol Zh** 1984;(4):217-9 (Eng. Abstr.) **(Rus)**

[Intraocular correction in preventing disability from crystalline lens injury] Logai IM, et al. **Oftalmol Zh** 1984; (4):205-7 (Eng. Abstr.) **(Rus)**

[Correction of high myopia with an extrapupillary iris lens (preliminary report)] Dvali ML. **Vestn Oftalmol** 1984 Sep-Oct;(5):29-31 (Eng. Abstr.) **(Rus)**

[Endothelial microscopy in cataract surgery with simultaneous implantation of an intraocular lens] Egorova EV, et al. **Vestn Oftalmol** 1985 Jan-Feb;101(1):13-6 (Eng. Abstr.) **(Rus)**

[Elastic silicone artificial crystalline lens (the results of its clinical use)] Fedorov SN, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):20-2 (Eng. Abstr.) **(Rus)**

[Indications and contraindications for phacoemulsification with simultaneous intraocular lens implantation] Korosteleva NF. **Vestn Oftalmol** 1985 Mar-Apr; 101(2):27-9 (Eng. Abstr.) **(Rus)**

[100 implantations of the Fedorov-Zakharov iris clips lens] Panfilov NI. **Vestn Oftalmol** 1985 Mar-Apr;101(2):18-9 (Eng. Abstr.) **(Rus)**

[Intraocular foreign body of an artiphakic eye] Sergienko NM. **Vestn Oftalmol** 1984 Sep-Oct;(5):63-4 **(Rus)**

[Pseudoaphakia in childhood] Izák M, et al. **Cesk Oftalmol** 1985 May;41(3):196-201 (Eng. Abstr.) **(Slo)**

ADVERSE EFFECTS

Pathology of intraocular lens implantation. Paulo Foundation International Symposium, 18 May, 1984, Helsinki, Finland. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:1-72

Microscopic-cytologic investigations on explanted intraocular lenses. Goder GJ, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:64-72

Histopathological changes in eyes following intraocular lens implantation (IOL). Preliminary study of a Danish and Swedish material. Jensen OA, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:50-3

Pseudophaco—anaphylactic endophthalmitis? P.M.M.A. related. Mullaney J, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:34-40

Cellular deposits on intraocular lenses. Puck A, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:54-60

Histopathologic study of changes occurring in eyes with intraocular lens implantation: autopsy eyes, enucleated eyes and corneal buttons. Riedel KG, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:11-33

Posterior chamber lens implantation. A clinicopathological report of a successful case. Tarkkanen A, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:61-3

Broken semiflexible intraocular lens implant. Maguen E, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):170-2

Pupillary block with flexible anterior chamber intraocular lenses. Passo MS, et al. **Am J Ophthalmol** 1985 May 15; 99(5):603-4

Pigmentary glaucoma associated with posterior chamber intraocular lenses. Samples JR, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):385-8

Complications from anterior chamber lenses: report of cases. Boerner CF, et al. **Ann Ophthalmol** 1984 Aug;16(8):742-4

Pigmentary dispersion glaucoma secondary to posterior chamber intra-ocular lenses. Woodhams JT, et al. **Ann Ophthalmol** 1984 Sep;16(9):852-5

Complications of posterior chamber lenses. Dyson C. **Dev Ophthalmol** 1985;11:174-5

Iris tissue damage following suture-fixated Binkhorst type intraocular lenses. Singh G, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):1-4

Retinal phototrauma during intra-ocular lens implantation. De Laey JJ, et al. **Int Ophthalmol** 1984 Jun;7(2):109-16

Aphakia versus pseudophakia. A clinico-pathological study. Hamburg A. **Int Ophthalmol** 1985 Mar;7(3-4):223-30

Activation of the alternative complement pathway by intraocular lenses. Mondino BJ, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):905-8

Other surgeons' experience with the Stableflex lens [letter] **J Am Intraocul Implant Soc** 1985 May;11(3):279-80

Phacoanaphylactic endophthalmitis following ECCE and IOL implantation. Apple DJ, et al. **J Am Intraocul Implant Soc** 1984 Fall;10(4):423-4

Causes and management of posterior chamber lens displacement. Böke WR, et al. **J Am Intraocul Implant Soc** 1985 Mar;11(2):179-84

Intraocular lens implant exchanges. Brown DC, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):376-9

Morphology of pseudophakic precipitates on intraocular lenses removed from human patients. Bryan JA 3d, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):260-7

Ultrastructural changes of polypropylene loops in a chronically inflamed eye. Cameron JD, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):283-6

Prevention of endophthalmitis by intraocular solution filtration and antibiotics. Gills JP. **J Am Intraocul Implant Soc** 1985 Mar;11(2):185-6

Release of pupillary entrapment of a posterior chamber phacoprosthesis [letter] Girard LJ, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):64-5

Use of anterior lens after ECCE [letter] Hagan JC 3d. **J Am Intraocul Implant Soc** 1984 Fall;10(4):473

Rapid fibrosis of ORC Stableflex haptics [letter] Hoffer KJ. **J Am Intraocul Implant Soc** 1984 Fall;10(4):470-2

Astigmatism from lens tilt [letter] Hoffer KJ. **J Am Intraocul Implant Soc** 1985 Jan;11(1):67

Iris transillumination defect and microhyphema syndrome. Johnson SH, et al. **J Am Intraocul Implant Soc** 1984 Fall; 10(4):425-8

Flexible anterior chamber intraocular lens expulsion. Koch DD, et al. **J Am Intraocul Implant Soc** 1985 May; 11(3):286-8

Factors affecting pseudophakic cystoid mascular edema: five randomized trials. Kraff MC, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):380-5

Managing dense retropseudosphakos membranes with a pars plana vitrectomy. Menezo JL, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):24-7

An analysis of semiflexible, closed-loop anterior chamber intraocular lenses. Reidy JJ, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):344-52

Anisophoria after implantation of an intraocular lens. Schipper I. **J Am Intraocul Implant Soc** 1985 May; 11(3):290-1

Pigmentary open-angle glaucoma secondary to posterior chamber intraocular lens implantation and erosion of the iris pigment epithelium. Smith JP. **J Am Intraocul Implant Soc** 1985 Mar;11(2):174-6

Ultraviolet-absorbing intraocular lenses [letter] Zigman S. **J Am Intraocul Implant Soc** 1985 Jul;11(4):386-7

Ischemic optic neuropathy following secondary intraocular lens implantation. Spedick MJ, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):255-7

Intraocular lenses, tilt and astigmatism. Sivak JG, et al. **Ophthalmic Res** 1985;17(1):54-9

Epithelial ingrowth on an intraocular lens. Samples JR, et al. **Ophthalmic Surg** 1984 Oct;15(10):869-70

Pupillary block associated with posterior chamber lenses. Willis DA, et al. **Ophthalmic Surg** 1985 Feb;16(2):108-9

Tissue toxicity of laser-damaged intraocular lens implants. Terry AC, et al. **Ophthalmology** 1985 Mar;92(3):414-8

Electron microscopic study of intrastromal hydrogel implants in primates. Yamaguchi T, et al. **Ophthalmology** 1984 Oct; 91(10):1170-5

Complications of intraocular lenses. A historical and histopathological review. Apple DJ, et al. **Surv Ophthalmol** 1984 Jul-Aug;29(1):1-54 (450 ref.)

Retinal damage from the illumination of the operating microscope: an experimental study in pseudophakic monkeys. Irvine AR, et al. **Trans Am Ophthalmol Soc** 1984; 82:239-63

[Preliminary report on the changes in the corneal endothelium after lens implantation] Xie LX. **Chung Hua Yen Ko Tsa Chih** 1985 Jan;21(1):35-8 **(Chi)**

[Posterior chamber implants and cystoid edema of the macula] Meur G, et al. **Bull Soc Belge Ophtalmol** 1984; 209:53-60 (Eng. Abstr.) **(Fre)**

[Proposal for the medical treatment of pupillary capture in posterior chamber implants] Lagoutte F, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):783-4 **(Fre)**

[Erythropsia in a patient with lens implant. Physiologic and electrophysiologic study] Saraux H, et al. **J Fr Ophtalmol** 1984;7(8-9):557-62 (Eng. Abstr.) **(Fre)**

[Histopathological findings after the implantation of sulcus ciliaris-fixed posterior chamber lenses] Burk R, et al. **Fortschr Ophthalmol** 1985;82(1):61-3 (Eng. Abstr.) **(Ger)**

[Unusual late complications following implantation of an iridocapsular lens] Emmerich KH, et al. **Fortschr Ophthalmol** 1985;82(2):181-2 (Eng. Abstr.) **(Ger)**

[Specific complications with anterior chamber-, iris-supported and posterior chamber lenses] Gnad H, et al. **Fortschr Ophthalmol** 1985;82(1):57-60 (Eng. Abstr.) **(Ger)**

[Intraocular lens endotheliopathy] Hartmann C, et al. **Fortschr Ophthalmol** 1984;81(4):332-6 (Eng. Abstr.) **(Ger)**

[Gonioscopic findings after implantation of Shepard Universal Lenses] Škorpik C, et al. **Fortschr Ophthalmol** 1985;82(1):68-70 (Eng. Abstr.) **(Ger)**

[Pathological tissue reactions in the anterolateral recess of the posterior chamber (sulcus ciliaris)] Stefani FH. **Fortschr Ophthalmol** 1985;82(1):64-7 (Eng. Abstr.) **(Ger)**

[Retinal detachment following implantation of artificial lenses] Winter R, et al. **Fortschr Ophthalmol** 1985; 82(2):172-4 (Eng. Abstr.) **(Ger)**

[Morphological analysis of the reasons for enucleating the eye following cataract extraction with intraocular lens implantation] Fedorov SN, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):21-5 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Safe all-in-the-bag pseudophakia with a new lens design (the moustache lens). Binkhorst CD. **Doc Ophthalmol** 1985 Jan 31;59(1):57-69

ECONOMICS

Medicare reimbursement [letter] **J Am Intraocul Implant Soc** 1984 Summer;10(3):354-6

HISTORY

Evolution of the posterior chamber intraocular lens. Shearing SP. **J Am Intraocul Implant Soc** 1984 Summer;10(3):343-6

[35 years of intraocular lens implantation] Hollwich F. **Fortschr Ophthalmol** 1985;82(1):46-7 (Eng. Abstr.) **(Ger)**

STANDARDS

A comparison of ciliary sulcus and capsular bag fixation of posterior chamber intraocular lenses. Apple DJ, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):44-63 (116 ref.)

Choyce's postulate. Broggi RJ. **J Am Intraocul Implant Soc** 1985 May;11(3):272-8

[Electron-micrographic study of 31 explanted artificial crystalline lenses] Colin J, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:514-6 **(Fre)**

[Variability in the residual concentration of ethylene oxide in artificial lenses] Delbecque P, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1243-4 **(Fre)**

TRENDS

Recent trends in anterior chamber implant technology [letter] Choyce DP. **J Am Intraocul Implant Soc** 1985 Jul; 11(4):388-90

[In which direction should lens implantation develop?] Binkhorst CD. **Fortschr Ophthalmol** 1985;82(1):44-5 (Eng. Abstr.) **(Ger)**

LENTICULAR NUCLEUS see **CORPUS STRIATUM**

LENTIGO

Leopard syndrome. Malathi KE, et al. **Indian Pediatr** 1984 Sep;21(9):741-3

COMPLICATIONS

[The multiple lentigines syndrome and elastic dystrophy] Claudy AL, et al. **Ann Dermatol Venereol** 1985;112(1):59-62 **(Fre)**

DIAGNOSIS

Progressive cardiomyopathic lentiginosis: report of six cases and one autopsy. Ruiz-Maldonado R, et al. **Pediatr Dermatol** 1983 Oct;1(2):146-53

ETIOLOGY

PUVA--lentigo. Kanerva L, et al. **Photodermatol** 1985 Apr; 2(2):49-51

FAMILIAL & GENETIC

[Leopard syndrome with hypertrophic obstructive cardiomyopathy and cerebral arteriovenous malformation. Report of a case] Cabañas A, et al. **Arch Inst Cardiol Mex** 1985 Mar-Apr;55(2):147-51 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Dermal Merkel cells in the nevus of Ota and leopard syndrome. Ono T, et al. **J Am Acad Dermatol** 1984 Aug; 11(2 Pt 1):245-9

SURGERY

Cryotherapy of lentiginous mosaicism. Rosenblum GA. **Cutis** 1985 Jun;35(6):543-4

LENTILS see **LEGUMES**

LENTINAN see under **POLYSACCHARIDES**

LEONTIASIS OSSIUM see **HYPEROSTOSIS FRONTALIS INTERNA**

LEONTIDEUS see **CALLITHRICIDAE**

LEOPARD FROG CARCINOMA VIRUS see under **HERPESVIRIDAE**

LEPIDOPTERA

A natural toxic defense system: cardenolides in butterflies versus birds. Brower LP, et al. **Ann NY Acad Sci** 1985; 443:171-88

Caterpillar infestation in a diabetic patient [letter] Anderson JF, et al. **J Infect Dis** 1984 Dec;150(6):964

Processionary caterpillar dermatitis. Garty BZ, et al. **Pediatr Dermatol** 1985 Mar;2(3):194-6

[Surgical treatment of 46 cases of dendrolimus chondritis of the rib] Tang CF. **Chung Hua Wai Ko Tsa Chih** 1984 Apr; 22(4):232-3 (Eng. Abstr.) **(Chi)**

[Caterpillar dermatitis caused by Thaumatopoea pinivora Treitschke] Meffert H. **Dermatol Monatsschr** 1985; 171(5):339-43 **(Ger)**

[Quantitative determination of a mothproofing agent, 4,6-dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoromethy imidazole (DTTB) in wool fabrics by high performance liquid chromatography] Miyoshi T, et al. **Nippon Eiseigaku Zasshi** 1984 Aug;39(3):640-6 (Eng. Abstr.) **(Jpn)**

[The problem of urticant and poisonous lepidopterans in Panama] Mendez E, et al. **Rev Med Panama** 1984 Sep; 9(3):230-5 (Eng. Abstr.) **(Spa)**

ANALYSIS

Purification and properties of a predominantly female-specific protein from the hemolymph of the larva of the tobacco hornworm, Manduca sexta. Ryan RO, et al. **J Biol Chem** 1985 Jan 25;260(2):782-7

Insect cardioactive peptides. II. Neurohormonal control of heart activity by two cardioacceleratory peptides in the tobacco hawkmoth, Manduca sexta. Tublitz NJ, et al. **J Exp Biol** 1985 Jan;114:381-95

Insect cardioactive peptides. I. Distribution and molecular characteristics of two cardioacceleratory peptides in the tobacco hawkmoth, Manduca sexta. Tublitz NJ, et al. **J Exp Biol** 1985 Jan;114:365-79

Identification, synthesis, and characterization of the yolk polypeptides of Plodia interpunctella. Shirk PD, et al. **J Exp Zool** 1984 Oct;232(1):87-98

ANATOMY & HISTOLOGY

Independent development of homologous pattern elements in the wing patterns of butterflies. Nijhout HF. **Dev Biol** 1985 Mar;108(1):146-51

Butterfly wing patterns: how good a determining mechanism is the simple diffusion of a single morphogen? Bard JB, et al. **J Embryol Exp Morphol** 1984 Dec;84:255-74

Scanning and freeze-fracture study of larval nerves and neuromuscular junctions in Manduca sexta. Schaner PJ, et al. **J Neurobiol** 1985 Mar;16(2):83-96

Central and peripheral neurosecretory pathways to an insect flight motor nerve. Wasserman AJ. **J Neurobiol** 1985 Jul; 16(4):329-46

Central nervous system features of a nicotine-resistant insect, the tobacco hornworm Manduca sexta. Morris CE, et al. **Tissue Cell** 1984;16(4):601-12

Histology, secretory activity and metamorphic changes in the ventral nerve cord neurosecretory cells in the larvae of Samia cynthia ricini (Lepidoptera: Saturnidae). Srivastava VK, et al. **Z Mikrosk Anat Forsch** 1985; 99(1):95-106

Histology and secretory activity of cephalic neurosecretory cells in adult Samia cynthia ricini (Lepidoptera: Saturnidae). Srivastava VK, et al. **Z Mikrosk Anat Forsch** 1985;99(1):75-85

CYTOLOGY

Neurosecretory cells in the brain of the mature larva of Philosamia ricini Hutt. I. Histomorphological changes in the neurosecretory cells during and after spinning of the cocoon. Khattar N, et al. **Folia Morphol (Praha)** 1984; 32(4):351-60

A new technique for the isolation and purification of the basal lamina from insect tissues. Ryerse JS, et al. **Tissue Cell** 1985;17(2):287-92

DRUG EFFECTS

Electron probe X-ray microanalysis of the effects of Bacillus thuringiensis var kurstaki crystal protein insecticide on ions in an electrogenic K + -transporting epithelium of the larval midgut in the lepidopteran, Manduca sexta, in vitro. Gupta BL, et al. **J Cell Sci** 1985 Mar;74:137-52

Octopamine and chlordimeform enhance sensory responsiveness and production of the flight motor pattern in developing and adult moths. Kinnamon SC, et al. **J Neurobiol** 1984 Jul;15(4):283-93

Mutagenic effects of aflatoxin B-1 and G-1 on the Egyptian cotton leaf-worm, Spodoptera littoralis (Boisd.). Abdou RF, et al. **Mycopathologia** 1984 Oct 30;88(1):23-6

Caffeine and related methylxanthines: possible naturally occurring pesticides. Nathanson JA. **Science** 1984 Oct 12; 226(4671):184-7

EMBRYOLOGY

Cautery-induced colour patterns in Precis coenia (Lepidoptera: Nymphalidae). Nijhout HF. **J Embryol Exp Morphol** 1985 Apr;86:191-203

ENZYMOLOGY

Insect 3-hydroxy-3-methylglutaryl-CoA reductase. Monger DJ. **Methods Enzymol** 1985;110:51-8

GENETICS

A direct assessment of the role of genetic drift in determining allele frequency variation in populations of Euphydryas editha. Mueller LD, et al. **Genetics** 1985 Jul;110(3):495-511

Adaptation at specific loci. IV. Differential mating success among glycolytic allozyme genotypes of Colias butterflies. Watt WB, et al. **Genetics** 1985 Jan;109(1):157-75

Molecular cloning, cDNA sequencing, and chemical synthesis of cecropin B from Hyalophora cecropia. van Hofsten P, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2240-3

[Characteristics of nuclear DNA of a Lepidoptera, the great wax moth Galleria mellonella, using reassociation kinetics] Cherepenko EI, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):629-35 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Dendritic reorganization of abdominal motoneurons during metamorphosis of the moth, Manduca sexta. Levine RB, et al. **J Neurosci** 1985 Sep;5(9):2424-31

Steroid-dependent survival of identifiable neurons in cultured ganglia of the moth Manduca sexta. Bennett KL, et al. **Science** 1985 Jul 5;229(4708):58-60

Lamellar bodies in differentiating insect tissues during basal lamina formation as revealed by tannic acid. Lai-Fook J. **Tissue Cell** 1984;16(6):909-16

Nucleolar cycles during the fifth stadium in Manduca epidermis. Tuck A, et al. **Tissue Cell** 1985;17(3):349-57

IMMUNOLOGY

The in vitro generation of an antibacterial activity from the fat body and hemolymph of non-immunized larvae of Galleria mellonella. De Verno PJ, et al. **Dev Comp Immunol** 1984 Summer;8(3):537-46

Hemagglutinin activity in the hemolymph of Anticarsia gemmatalis larvae infected with the fungus Nomuraea rileyi. Pendland JC, et al. **Dev Comp Immunol** 1985 Winter;9(1):21-30

METABOLISM

The antibacterial effect of attacins from the silk moth Hyalophora cecropia is directed against the outer membrane of Escherichia coli. Engström P, et al. **EMBO J** 1984 Dec 20;3(13):3347-51

Ecdysteroid metabolism by soluble enzymes from an insect. Metabolic relationships between 3 beta-hydroxy-, 3 alpha-hydroxy- and 3-oxoecdysteroids. Blais C, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):809-17

Characterization of monovalent ion transport systems in an insect cell line (Manduca sexta embryonic cell line CHE). English LH, et al. **J Cell Physiol** 1984 Oct;121(1):125-32

Delta endotoxin inhibits Rb+ uptake, lowers cytoplasmic pH and inhibits a K+-ATPase in Manduca sexta CHE cells. English LH, et al. **J Membr Biol** 1985;85(3):199-204

Barium modifies the concentration dependence of active potassium transport by insect midgut. Moffett DF, et al. **J Membr Biol** 1985;86(2):89-97

Purification and properties of the juvenile hormone carrier protein from the hemolymph of Manduca sexta. Peterson RC. **Methods Enzymol** 1985;111:482-7

Activation of Manduca sexta corpora allata in vitro by a cerebral neuropeptide. Granger NA, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):349-58

Intracellular stimulation of an identified neuron evokes cardioacceleratory peptide release. Tublitz NJ, et al. **Science** 1985 May 24;228(4702):1013-5

The induction and distribution of an insect ferritin--a new function for the endoplasmic reticulum. Locke M, et al. **Tissue Cell** 1984;16(5):739-66

MICROBIOLOGY

Inactivation of nuclear polyhedrosis virus (Baculovirus subgroup A) by monochromatic UV radiation. Griego VM, et al. **Appl Environ Microbiol** 1985 Mar;49(3):709-10

Production of polyhedrin monoclonal antibodies for distinguishing two Orgyia pseudotsugata baculoviruses. Quant RL, et al. **Appl Environ Microbiol** 1984 Oct;48(4):732-6

Induction of Spodoptera littoralis nuclear polyhedrosis virus in cell cultures. Saldanha JA, et al. **Arch Virol** 1985;83(3-4):305-10

Chilo iridescent virus. Devauchelle G, et al. **Curr Top Microbiol Immunol** 1985;116:37-48 (65 ref.)

In vitro host range of five baculoviruses in lepidopteran cell lines. McIntosh AH, et al. **Intervirology** 1985;23(3):150-6

The nucleotide sequence of the Pieris brassicae granulosis virus granulin gene. Chakerian R, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1263-9

Effect of sublethal Bacillus thuringiensis crystal endotoxin treatment on the larval midgut of a moth, Manduca: SEM study. Spies AG, et al. **Tissue Cell** 1985;17(3):379-94

PHYSIOLOGY

Qualitative and quantitative studies on the compounds of the larval defensive secretion of Zygaena trifolii (Esper, 1783) (Insecta, Lepidoptera, Zygaenidae). Witthohn K, et al. **Comp Biochem Physiol [C]** 1984;79(1):103-6

Hormonal regulation of dopa decarboxylase during a larval molt. Hiruma K, et al. **Dev Biol** 1985 Aug;110(2):509-13

Brain-mediated 20-hydroxyecdysone regulation of juvenile hormone synthesis by the corpora allata of the tobacco hornworm, Manduca sexta. Whisenton LR, et al. **Gen Comp Endocrinol** 1985 May;58(2):311-8

Hormonal control of muscle atrophy and degeneration in the moth Antheraea polyphemus. Schwartz LM, et al. **J Exp Biol** 1984 Jul;111:13-30

Octopamine enhances neuromuscular transmission in developing and adult moths, Manduca sexta. Klaassen LW, et al. **J Neurobiol** 1985 May;16(3):227-43

The electrical circuitry of an olfactory sensillum in Antheraea polyphemus. de Kramer JJ. **J Neurosci** 1985 Sep;5(9):2484-93

The role of cyclic AMP in the regulation of ecdysone synthesis. Smith WA, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):285-94

In vitro reprogramming of the photoperiodic clock in an insect brain-retrocerebral complex. Bowen MF, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5881-4

Oxygen supply and limiting oxygen pressures in an insect larva. Tenney SM. **Respir Physiol** 1985 Apr;60(1):121-34

Ecdysteroids in developing ovaries and eggs of the tobacco hornworm. Thompson MJ, et al. **Steroids** 1984 Mar;43(3):333-41

Emergence of imagines of Aphomia sociella (L.) (Lepidoptera: Pyralidae) after exposure of cocooned larvae to low temperatures. Schousboe C. **Z Versuchstierkd** 1984;26(5):205-8

ULTRASTRUCTURE

Dendritic membrane from insect olfactory hairs: isolation method and electron microscopic observations. Klein U, et al. **Cell Mol Neurobiol** 1984 Dec;4(4):385-96

Quantitative comparison of the structural features of slow and fast neuromuscular junctions in Manduca. Rheuben MB. **J Neurosci** 1985 Jul;5(7):1704-16

Cuticular cavities: storage chambers for cyanoglucoside-containing defensive secretions in larvae of a Zygaenid moth. Franzl S, et al. **Tissue Cell** 1985;17(2):267-78

Surface coats of pore tubules and olfactory sensory dendrites of a silkmoth revealed by cationic markers. Keil TA. **Tissue Cell** 1984;16(5):705-17

LEPROMIN

ADMINISTRATION & DOSAGE

[Combination of BCG and lepromin in the treatment of leprosy] Mazet G. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):47-54 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Lepromin-H versus lepromin-A. Kumar B, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):50-7

Immunomodulation with corticosteroids and levamisole in leprosy as gauzed by in vivo lepromin and in vitro CMI responses. Kundu SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):37-57

Effect of levamisole therapy on lepromin reaction in lepromatous leprosy cases [letter] Arora SK, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):113-4

Anti-Mycobacterium leprae antibodies induced by lepromin injection as demonstrated by indirect immunofluorescence. González-Abreu E, et al. **Lepr Rev** 1984 Dec;55(4):337-40

STANDARDS

Evaluation of standard Dharmendra lepromin. Sengupta U, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):748-53

LEPROSTATIC AGENTS

ADMINISTRATION & DOSAGE

Who chemotherapeutic regimen for pauci-bacillary cases [letter] Ramu G, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):226-8

PHARMACODYNAMICS

A series of new antileprosy compounds derived from serotonin. Mester de Parajd L, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):21-8

Effects of certain ayurvedic preparations on the multiplication of M. leprae in mouse foot-pads. Bhatia VN, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):970-1

THERAPEUTIC USE

Late reversal reaction after combined treatment of a patient with multibacillary leprosy. Pattyn SR, et al. **Ann Soc Belg Med Trop** 1984 Sep;64(3):291-4

Treatment of leprosy in the United States. Levis WR. **Bull NY Acad Med** 1984 Sep;60(7):696-711 (41 ref.)

The Kellersberger memorial lecture, 1984. Chemotherapy of leprosy--a tool for leprosy control. Levy L. **Ethiop Med J** 1985 Jan;23(1):31-42

Multi-drug therapy in leprosy: an effective method of control. **Ind J Lepr** 1984 Jan-Mar;56(1):102-12

Combined therapy of leprosy in Bhutan. Samuel NM, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):647-52

Effect of treatment on the cellular composition of cutaneous lesions in leprosy patients. Sarno EN, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):496-500

Managerial implications of multidrug therapy. Askew AD. **Lepr Rev** 1985 Jun;56(2):89-97

Leprosy treatment in Nepal with multidrug regimens. Birch MC. **Lepr Rev** 1984 Sep;55(3):255-64

The search for new drugs for the treatment of leprosy. Hooper M. **Lepr Rev** 1985 Mar;56(1):57-60

A follow-up investigation of the Malta-Project. Jopling WH, et al. **Lepr Rev** 1984 Sep;55(3):247-53

Multidrug treatment of leprosy--practical application in Nepal. Samuel NM, et al. **Lepr Rev** 1984 Sep;55(3):265-72

Polytherapy in multibacillary leprosy patients in Nepal. Samuel NM, et al. **Singapore Med J** 1985 Apr;26(2):203-6

LEPROSY

Proceedings of the WHO--ESM--SFM joint meeting on Mycobacterium leprae. Institut Pasteur, June 12-14, 1984. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):95-428

Leprosy research, present and future. Stanford JL. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):421-5

Experimental leprosy in nonhuman primates. Martin LN, et al. **Adv Vet Sci Comp Med** 1984;28:201-36 (109 ref.)

Sixth programme report of the UNDP/World Bank/WHO special programme for research and training in tropical disease. **Ind J Lepr** 1984 Jan-Mar;56(1):118-47

XIII biennial conference of the Indian Association of Leprologists held at Bombay from November 18 to 21, 1983. Abstracts and symposia. **Ind J Lepr** 1984 Apr-Jun;56(2 Suppl):371-512 passim

'Leprosy in India' becomes 'Indian Journal of Leprosy'. Dharmendra. **Ind J Lepr** 1984 Jan-Mar;56(1):1-3

Validity of the nomenclature of rat leprosy and Mycobacterium lepraemurium [editorial] Dharmendra, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):513-9

Central nervous system involvement in leprosy. Katoch K, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):813-8

Pattern of leprosy in dermatology outpatient clinic of a university hospital. Singh VV, et al. **Indian J Dermatol** 1984 Jan;29(1):1-6

Abstracts: First U.S. Hansen's Disease Research Conference. National Hansen's Disease Center, Carville, Louisiana, U.S.A, 13-15 August 1954. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):154-85

Transactions of the Twelfth International Leprosy Congress. New Delhi, India, 20-25 February 1984. Abstracts. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4 Suppl):685-772

The 1984 Journal--a continuing perspective. Hastings RC. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):101-12

Five-day course on clinical leprosy for medical officers. Hyland J. **Lepr Rev** 1984 Dec;55(4):415-20

Multibacillary leprosy in an 18-month-old child: a case report. Nsibambi J, et al. **Lepr Rev** 1984 Dec;55(4):379-83

LEPRA's elective period student programme, 1973-1983. Rees RJ. **Lepr Rev** 1984 Dec;55(4):321-5

Leprosy as a metabolic disease. Bergel M. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):207-13

Experimental leprosy in three species of monkeys. Wolf RH, et al. **Science** 1985 Feb 1;227(4686):529-31

[Necrotizing lymphadenitis in leprosy] Delmonte V. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov-Dec;39(6):288-9 (Eng. Abstr.) **(Por)**

BLOOD

Tissue and blood T-lymphocyte subpopulations in erythema nodosum leprosum. Modlin RL, et al. **Arch Dermatol** 1985 Feb;121(2):216-9

Essential fatty acids in the plasma phospholipids of patients with leprosy. Wright S. **Br J Dermatol** 1985 Jun;112(6):673-7

Granulocyte adherence in leprosy. Srivastava DC, et al. **Indian J Med Res** 1984 Apr;79:487-90

Serum zinc levels in subtypes of leprosy. Mathur NK, et al. **Int J Lepr** 1984 Sep;52(3):327-30

Peripheral blood T lymphocyte subsets in leprosy. Rea TH, et al. **Int J Lepr** 1984 Sep;52(3):311-7

Serum immunoglobulins, including IgG subclasses, in Vietnamese leprosy patients. Wright EP, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):225-32

Enzyme immunoassay of serum beta-2-microglobulin levels in various histological forms of leprosy with special reference to its elevation in type I and type II lepra reactions. Saha K, et al. **J Clin Microbiol** 1985 Apr;21(4):658-61

Status of fibrin degradation products in leprosy. Saha K, et al. **J Dermatol (Tokyo)** 1984 Dec;11(6):545-9

Use of a polysulfone membrane support for immunochemical analysis of a glycolipid from Mycobacterium leprae. Young DB, et al. **J Immunol Methods** 1985 May 23;79(2):205-11

Radioimmunoassay of serum cortisol levels in leprosy patients with special reference to type I and type II reaction. Saha K, et al. **Lepr Rev** 1985 Jun;56(2):117-25

CLASSIFICATION

Classification of treated leprosy patients in the absence of adequate records [letter] Summers A, et al. **Lepr Rev** 1984 Dec;55(4):438-9

COMPLICATIONS

Ocular findings in leprosy in the United States. Spaide R, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):411-6

Hypercalcemia in leprosy. Ryzen E, et al. **Arch Intern Med** 1985 Jul;145(7):1305-6

Epididymal lesion in tuberculoid leprosy. Pareek SS, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):313

Lepromatous leprosy complicated with systemic lupus erythematosus. Ohkawa S, et al. **Dermatologica** 1985;170(2):80-3

The message of 'rheumatism': a symptom of leprosy in pregnancy and lactation. Duncan ME, et al. **Ethiop Med J** 1985 Apr;23(2):49-58

A case of squamous cell carcinoma in plantar ulcer in leprosy. Bobhate SK, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):653-5

Deformities in leprosy patients attending urban leprosy clinic at Varanasi. Kaur P, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):178-82

Classification on disabilities as followed by Poona District Leprosy Committee. Kulkarni UP, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):269-79

Neuropathic plantar ulceration. Kumar K, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):172-7

Squamous cell carcinoma developing in trophic ulcers in leprosy--a case report. Kumar K, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):656-7

Vitiligo on tuberculoid patches--a case report. Misra RS, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):658-61

A study of ocular complications in leprosy. Prasad VN, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):241-50

A clinical study of eye complications in leprosy. Rawal RC, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):232-40

Gynaecomastia in leprosy in three districts of Tamil Nadu. Roy RG, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):578-86

Pattern of deformities/disabilities in urban leprosy. Sehgal VN, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):183-92

Evaluation of audiovestibular status in leprosy. Singh TR, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):24-9

Surgical decompression of the ulnar nerve. Srinivasan H. **Ind J Lepr** 1984 Jul-Sep;56(3):520-31

Nerve damage in leprosy--its complications prevention and management. Mitra SK. **Indian J Dermatol** 1984 Jan;29(1):11-7 (0 ref.)

Relation of herpes zoster with lepromatous leprosy (report of two cases). Shafique M, et al. **Indian J Dermatol** 1984 Jan;29(1):31-4

Ocular involvement from leprosy. Lamba PA, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):61-3

ENL in histoid leprosy [letter] Sehgal VN, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):543-4

Neurolysis of the common peroneal nerve in leprosy. A report on 22 patients. Chaise F, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):426-9

Multiple superficialis motor for opponens and lumbrical replacement: one stage correction of leprous claw hand. Shah A. **J Hand Surg [Br]** 1984 Oct;9(3):285-8

Leprosy and the eye: a review. Ffytche TJ, et al. **J R Soc Med** 1985 May;78(5):397-400

Primary defects of the hand with intrinsic paralysis. Brandsma JW, et al. **Lepr Rev** 1984 Dec;55(4):403-6

A survey of the eye complications of leprosy in South Korea. Courtright P, et al. **Lepr Rev** 1984 Sep;55(3):229-37

The American Peace Corps Survey of the ocular complications of leprosy in South Korea: an evaluation and appraisal. Ffytche TJ. **Lepr Rev** 1984 Sep;55(3):239-46

Carcinoma in plantar ulcers in leprosy. Fleury RN, et al. **Lepr Rev** 1984 Dec;55(4):369-78

Ocular complications in patients with leprosy in Karigiri, South India. Her Hsin Tsai, et al. **Lepr Rev** 1985 Jun;56(2):135-41

The outpatient treatment of nerve damage in patients with borderline leprosy using a semi-standardized steroid regimen. Kiran KU, et al. **Lepr Rev** 1985 Jun;56(2):127-34

Behavioral analysis of sexual dysfunction in Hansen's disease. Faulstich ME. **Percept Mot Skills** 1985 Feb;60(1):115-8

Ocular leprosy. Ffytche TJ. **Trop Doct** 1985 Jul;15(3):118-25

[Surgical decompression of neuritis of Hansen's disease] Carayon A, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):37-66 (Eng. Abstr.) **(Fre)**

[Evaluation of carpal tunnel and subepineural pressures in leprous neuropathies of the median nerve at the wrist] Chaise F, et al. **Ann Chir Main** 1984;3(3):271-4 (Eng. Abstr.) **(Fre)**

[Volar flexion of the fingers. Its value in the diagnosis of paralysis of the intrinsic muscles of the fingers, in leprosy particularly, and the study of the results of palliative operations] Bourrel P. **Chirurgie** 1984;110(8-9):772-8 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Hansen's disease in Arizona. Campos-Outcalt D, et al. **Ariz Med** 1984 Oct;41(10):658-60

Value of pilocarpine test in early diagnosis of leprosy. Chattopadhyay SP, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):877-83

Differential diagnosis between leprosy and post-kala-azar dermal leishmaniasis. Ekambaram V, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):641-6

Leprosy detection through non-survey techniques. Ganapati R, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):622-5

Diagnostic efficiency of paramedical workers involved in leprosy case detection programme. Kumar A, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):626-32

Spontaneous healing in paucibacillary leprosy. Jesudasan K, et al. **Indian J Med Res** 1985 Feb;81:119-22

Pure neural leprosy diagnosed in the United States. Lao IO, et al. **Int J Dermatol** 1985 Jun;24(5):318-9

Electrocardiographic changes in leprosy [letter] Shanker A, et al. **J Assoc Physicians India** 1985 Feb;33(2):184

Use of an artificial antigen containing the 3,6-di-O-methyl-beta-D-glucopyranosyl epitope for the serodiagnosis of leprosy. Cho SN, et al. **J Infect Dis** 1984 Sep;150(3):311-22

Anti-Mycobacterium leprae antibodies induced by lepromin injection as demonstrated by indirect immunofluorescence. González-Abreu E, et al. **Lepr Rev** 1984 Dec;55(4):337-40

The sensitivity and specificity of fluorescent leprosy antibody absorption (FLA-ABS) test for detecting subclinical infection with Mycobacterium leprae. Ji BH, et al. **Lepr Rev** 1984 Dec;55(4):327-35

Leprosy in the United States. Risks, recognition, regimens, resources. Pust RE, et al. **Postgrad Med** 1985 Apr;77(5):151-5, 159

The early serodiagnosis of leprosy. I. The use of counterimmunoelectrophoresis and enzyme-linked immunosorbent assay. Estrada-García I, et al. **Rev Latinoam Microbiol** 1984 Jul-Sep;26(3):267-72

Rhinitis leprosary. Montserrat JM, et al. **Rhinology** 1985 Jun;23(2):159-63

[Sensitivity and specificity of fluorescent leprosy antibody absorption (FLA-ABS) test for detecting subclinical infection by Mycobacterium leprae] Ji BH. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):364-8 (Eng. Abstr.) **(Chi)**

[Comparison of the ELA-ABS test employing sera from venous blood and blood from the ear lobes of 79 cases of leprosy] Wu QW. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):69-71 (Eng. Abstr.) **(Chi)**

[Osteitis leprosa multiplex cystica--an early symptom of lepromatous leprosy] Mende B, et al. **Hautarzt** 1985 Jun;36(6):347-50 (Eng. Abstr.) **(Ger)**

[Eye involvement in leprosy. A study in Togo, West Africa] Trojan HJ, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):235-42 (Eng. Abstr.) **(Ger)**

[Neurologic symptoms in 79 leprosy patients in Tanzania] Schmutzhard E, et al. **Nervenarzt** 1984 Dec;55(12):637-9 **(Ger)**

[Diagnostic test systems based on the immunoenzyme method in leprosy] Diachina MN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jan;(1):64-8 (Eng. Abstr.) **(Rus)**

[Are there subpolar tuberculoid cases?] Saul A, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):29-35 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

A comparative study of four rodent systems to monitor initial therapy of lepromatous leprosy: in search of a more sensitive system to assess bacterial viability. Gelber RH, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):319-25

Late reversal reaction after combined treatment of a patient with multibacillary leprosy. Pattyn SR, et al. **Ann Soc Belg Med Trop** 1984 Sep;64(3):291-4

Treatment of leprosy in the United States. Levis WR. **Bull NY Acad Med** 1984 Sep;60(7):696-711 (41 ref.)

The Kellersberger memorial lecture, 1984. Chemotherapy of leprosy--a tool for leprosy control. Levy L. **Ethiop Med J** 1985 Jan;23(1):31-42

Multi-drug therapy in leprosy: an effective method of control. **Ind J Lepr** 1984 Jan-Mar;56(1):102-12

Non-compliance with treatment [letter] Almeida JC, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):369

Levamisole in cases of E.N.L. Arora SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):17-21

Dapsone resistance in patients attending Central Leprosy Teaching and Research Institute, Chengalpattu (South India). Bhatia VN, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):587-94

Once monthly rifampicin (1200 mg) plus daily dapsone (100 mg) and clofazimine (100 mg) in the initial treatment of lepromatous leprosy. Chandorkar AG, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):63-70

Thalidomide in lepra reaction (ENL) in lepromatous leprosy patients. Chandorkar AG, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):264-8

Levamisole in the treatment of E.N.L. in leprosy. Dharmendra. **Ind J Lepr** 1985 Jan-Mar;57(1):1-10

Reversible acute renal failure due to monthly administration of rifampicin in a leprosy patient. Kar HK, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):835-9

Hepatitis and multi-drug therapy in leprosy with special reference to prothionamide. Kar HK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):78-89

Experience with two drug regimen in paucibacillary leprosy--preliminary report. Kaur S, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):48-9

Treatment of leprosy--newer concepts. Kaur S, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):307-12

Treatment compliance by leprosy out-patients and its monitoring under field condition. Kumar A. **Ind J Lepr** 1984 Apr-Jun;56(2):313-8

Acid fast bacilli in lymph node aspirate and smears from ear lobules and fingers in long treated patients. Kumar B, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):71-7

Prothionamide and dapsone therapy in leprosy--a clinical study. Kundu SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):90-6

Evaluation of multidrug therapy with rifampicin, clofazimine and D.D.S. in multibacillary leprosy cases. Kundu SK, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):78-85

Evaluation of effectiveness of clofazimine therapy. I. Monitoring of absorption of clofazimine from gastrointestinal tract. Mathur A, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):146-8

A study of relapse in non lepromatous and intermediate groups of leprosy. Pandian TD, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):149-58

Who chemotherapeutic regimen for pauci-bacillary cases [letter] Ramu G, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):226-8

Multi-drug therapy for multi-bacillary cases in Wardha district, Maharashtra, India. Rao MS, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):159-63

Role of Dapsone in chemotherapy of leprosy--a comparison of responses to therapy in two cohorts in 1960s and 1970s. Reddy BN, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):912-8

Prevalence of secondary dapsone resistance in Nepal. Samuel NM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):823-7

Combined therapy of leprosy in Bhutan. Samuel NM, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):647-52

A comparative evaluation of levamisole in leprosy. Sharma L, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):11-6

Borderline reactions treated with clofazimine and corticosteroids. Thirugnanam T, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):164-71

Rationale of the multidrug regimens recommended by a World Health Organization Study Group on Chemotherapy of Leprosy for Control Programs. Ellard GA. **Int J Lepr** 1984 Sep;52(3):395-401

Relapse rates among nonlepromatous patients released from control. Jesudasan K, et al. **Int J Lepr** 1984 Sep;52(3):304-10

Oral zinc as an adjunct to dapsone in lepromatous leprosy. Mathur NK, et al. **Int J Lepr** 1984 Sep;52(3):331-8

Comparative study of two regimens of combined chemotherapy of one year duration in multibacillary leprosy. Results after four and five years' follow-up. Pattyn SR, et al. **Int J Lepr** 1984 Sep;52(3):297-303

Effect of levamisole therapy on lepromin reaction in lepromatous leprosy cases [letter] Arora SK, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):113-4

Effect of levamisole on bacterial index in BL and LL leprosy. Bera DK, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):198-200

Hepatotoxicity of the daily combination of 5 mg/kg prothionamide + 10 mg/kg rifampin. Cartel JL, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):15-8

Activity of cycloserine and structurally related compounds against M. leprae-infected mice [letter] Gelber RH. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):536-8

Primary dapsone-resistant leprosy in San Francisco. Gelber RH. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):471-4

Standardized schemes for steroid treatment in ENL and reversal reactions. Imkamp FM. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):313-7

Thalidomide--effect on T cell subsets as a possible mechanism of action. Moncada B, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):201-5

Six cases of dapsone-resistant tuberculoid leprosy [letter] Pearson JM, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):534-5

Effect of treatment on the cellular composition of cutaneous lesions in leprosy patients. Sarno EN, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):496-500

Relapse rate and incidence of dapsone resistance in lepromatous leprosy patients in Addis Ababa: risk factors and effect of short-term supplementary treatment. Warndorff van Diepen T, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):189-97

Chaulmoogra oil. Caplan RM. **Iowa Med** 1985 May;75(5):222-3

Incidence of anemia in leprosy patients treated with dapsone. Puavilai S, et al. **J Med Assoc Thai** 1984 Jul;67(7):404-7

Thalidomide in dermatology and leprosy [editorial] **Lancet** 1985 Jul 13;2(8446):80-1

Thalidomide and leprosy [letter] Crawford CL. **Lancet** 1985 Aug 10;2(8450):331

Leprosy treatment in Nepal with multidrug regimens. Birch MC. **Lepr Rev** 1984 Sep;55(3):255-64

Thalidomide induces imbalances in T-lymphocyte sub-populations in the circulating blood of healthy males. Gad SM, et al. **Lepr Rev** 1985 Mar;56(1):35-9

The bactericidal activity of various aminoglycoside antibiotics against Mycobacterium leprae in mice. Gelber RH, et al. **Lepr Rev** 1984 Dec;55(4):341-7

The search for new drugs for the treatment of leprosy. Hooper M. **Lepr Rev** 1985 Mar;56(1):57-60

Hepatotoxicity of combined therapy with rifampicin and daily prothionamide for leprosy. Ji BH, et al. **Lepr Rev** 1984 Sep;55(3):283-9

A follow-up investigation of the Malta-Project. Jopling WH, et al. **Lepr Rev** 1984 Sep;55(3):247-53

Multidrug therapy for leprosy in Trinidad and Tobago: a preliminary report. Keeler RF. **Lepr Rev** 1984 Dec;55(4):391-6

'Naaman's dilemma'--factors influencing the compliance of patients to prescribed drugs in chronic diseases, with particular reference to leprosy. Macrorie R. **Lepr Rev** 1985 Jun;56(2):143-52

Hypersensitivity reaction to dapsone: report from Malaysia. Mohamed KN. **Lepr Rev** 1984 Dec;55(4):385-9

Clofazimine and the eye: preliminary communication. Négrel AD, et al. **Lepr Rev** 1984 Dec;55(4):349-52

Prevalence of secondary dapsone-resistant leprosy in Upper Volta. Pattyn SR, et al. **Lepr Rev** 1984 Dec;55(4):361-7

Treatment of leprosy in rural India as seen on a medical student elective. Riley DN. **Lepr Rev** 1984 Dec;55(4):397-402

Multidrug treatment of leprosy--practical application in Nepal. Samuel NM, et al. **Lepr Rev** 1984 Sep;55(3):265-72

Mode of action of sulphones. Bergel M. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):214-5

Polytherapy in multibacillary leprosy patients in Nepal. Samuel NM, et al. **Singapore Med J** 1985 Apr;26(2):203-6

Thymopentin treatment in patients with chemotherapy-resistant lepromatous leprosy. Castells A, et al. **Surv Immunol Res** 1985;4 Suppl 1:63-9

Dapsone resistant leprosy, the western Kenya experience. Orege PA, et al. **Trop Geogr Med** 1985 Jun;37(2):139-42

[Initial results of prospective controlled treatment trials in leprosy] Pattyn SR. **Verh K Acad Geneeskd Belg** 1984;46(3):207-19 (Eng. Abstr.) **(Dut)**

[Clinical and paraclinical evaluation of lepers at the Marchoux Institute after 12 months of treatment with desoxyfructo-serotonin] Baquillon G, et al. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):65-8 **(Fre)**

[Update on the treatment of leprosy with desoxyfructo-serotonin at Bamako] Mester de Parajd L. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):69-70 **(Fre)**

[Observation of antileprotic drug resistance] Ishihara S, et al. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):200-4 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Lysozyme as a measure of cellular dynamics in the lesions of leprosy. Ridley MJ, et al. **Br J Exp Pathol** 1985 Feb;66(1):109-22

L.D.H. isoenzymes sub-unit ratio in leprosy and the effect of clofazimine treatment on L.D.H. isoenzymes sub-unit. Bulakh PM, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):115-23

Muramidase (lysozyme) findings in sural and radial nerve biopsies in leprosy patients after varying periods of treatment. Haimanot RT, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):238-46

NADH-methemoglobin reductase and methemoglobinemia among leprosy patients. Magna LA, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):475-81

Biochemical alterations in the serum of armadillos (Dasypus novemcinctus) infected with Mycobacterium leprae. A preliminary report. Rojas-Espinosa O, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):262-8

Serum enzymatic changes following infection of mice with Mycobacterium lepraemurium. Rojas-Espinosa O, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):256-61

ETIOLOGY

Inoculation leprosy subsequent to dog bite. A case report. Gupta CM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):919-20

FAMILIAL & GENETIC

Segregation and linkage analyses of 72 leprosy pedigrees. Haile RW, et al. **Hum Hered** 1985;35(1):43-52

Prevalence of leprosy in children of leprosy parents. Dave DS, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):615-21

Dermatoglyphics in leprosy (I. Finger patterns). Ghei SK, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):855-60

Absence of triradius d on the palm of a leprosy patient. Gupta CM, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):852-4

Study of multiple case families. Mathur NK, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):200-6

HLA-linked control of predisposition to lepromatous leprosy. Xu KY, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):56-63

Association of HLA specificity LB-E12 (MB1, DC1, MT1) with lepromatous leprosy in a Venezuelan population. Ottenhoff TH, et al. **Tissue Antigens** 1984 Jul;24(1):25-9

[HLA and leprosy. III. Segregation analysis of HLA haplotypes in multicase families of leprosy] Xu KY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):25-30 (Eng. Abstr.) **(Chi)**

HISTORY

The discovery of Mycobacterium leprae. A medical achievement in the light of evolving scientific methods. Irgens LM. **Am J Dermatopathol** 1984 Aug;6(4):337-43

A painting of lepers by Hans Holbein the Elder. Virchow R. **Am J Dermatopathol** 1984 Aug;6(4):377-8

A brief history of Hansen's disease. Trautman JR. **Bull NY Acad Med** 1984 Sep;60(7):689-95

Leprosy in Hawaii, 1889-1976. Judd CS Jr. **Hawaii Med J** 1984 Sep;43(9):328-9, 333-4

Leprosy in ancient India [letter] Rastogi N, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):541-3

Understanding of leprosy in ancient China. Skinsnes OK, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):289-307

Leprosy and procreation—a historical review of social and clinical aspects. Duncan ME. **Lepr Rev** 1985 Jun;56(2):153-62

Tuberculosis and leprosy in antiquity: an interpretation. Manchester K. **Med Hist** 1984 Apr;28(2):162-73

The history of leprosy in Ethiopia to 1935. Pankhurst R. **Med Hist** 1984 Jan;28(1):57-72

IMMUNOLOGY

Antibodies to Mycobacterium leprae detected by enzyme linked (ELISA) and radio (RIA) immunoassay: comparison among families with leprosy patients. Chakitis C, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):387-94

IgM antibodies against phenolic glycolipid I from Mycobacterium leprae in leprosy sera: relationship to bacterial index and erythema nodosum leprosum. Schwerer B, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):394-402

Cell-mediated immunity in mice treated with Mycobacterium leprae or with macrophages harbouring M. leprae. Ridel PR, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):39-50

Hansen's disease as a research model. Kaplan G, et al. **Bull NY Acad Med** 1984 Sep;60(7):712-21 (25 ref.)

Depression of lymphocyte responses to mitogens in mangabeys with disseminated experimental leprosy. Martin LN, et al. **Cell Immunol** 1985 Jan;90(1):115-30

Inhibition of interleukin-2 production by adherent cell factors from lepromatous leprosy patients. Nath I, et al. **Clin Exp Immunol** 1984 Dec;58(3):531-8

Evidence for the presence of M. leprae reactive T lymphocytes in patients with lepromatous leprosy. Nath I, et al. **Clin Exp Immunol** 1984 Dec;58(3):522-30

Reduced complement-mediated immune complex solubilization in leprosy patients. Ramanathan VD, et al. **Clin Exp Immunol** 1985 Jun;60(3):553-8

Immunological unresponsiveness in leprosy. Bloom BR, et al. **Immunol Rev** 1984 Aug;80:5-28 (60 ref.)

Reversal by interleukin-2 of the T cell unresponsiveness of lepromatous leprosy to Mycobacterium leprae. Haregewoin A, et al. **Immunol Rev** 1984 Aug;80:77-86

Immuno-stimulatory effect of levamisole in borderline leprosy cases. Arora SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):22-6

Extended studies on subclinical infection in leprosy. Bharadwaj VP, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):807-12

Influence of levamisole on lymphocytes and M. leprae in mice. Ganguly NK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):27-36

A study of leprosy in relation with HBsAg. Jain AP, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):575-7

DNCB contact sensitization in leprosy: its comparison with other CMI tests. Jayasingh K, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):207-11

Lepromin-H versus lepromin-A. Kumar B, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):50-7

Immunomodulation with corticosteroids and levamisole in leprosy as gauzed by in vivo lepromin and in vitro CMI responses. Kundu SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):37-57

Hydrolytic enzymes in macrophages from leprosy patients in presence of Mycobacterium leprae. Marolia J, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):776-83

Effect of leprosy sera and foetal calf serum (FCS) on the T cell number of peripheral blood of leprosy patients. Patil SA, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):784-91

Human vaccination studies in normal and contacts of leprosy patients. Samuel NM, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):36-47

Monoclonal antibodies against Mycobacterium leprae and their applications in leprosy research. Sengupta U, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):727-41

Evaluation of standard Dharmendra lepromin. Sengupta U, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):748-53

Immunological studies in leprosy—II. Study of lymphoblast transformation to PHA in different types of leprosy patients. Singh PK, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):30-5

Immunological studies in leprosy. III-Cutaneous response to antigens in spectrum of leprosy. Singh PK, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):257-63

Phenolic glycolipid 1 of Mycobacterium leprae causes nonspecific inflammation but has no effect on cell-mediated responses in mice. Brett SJ, et al. **Infect Immun** 1984 Dec;46(3):802-8

Salivary immunoglobulins and antibody activities in leprosy. Abe M, et al. **Int J Lepr** 1984 Sep;52(3):343-50

Immunization of highly susceptible C3H mice with ultrasonicated Mycobacterium lepraemurium (MLM) bacilli facilitates the development of increased resistance during MLM infection. Lovik M, et al. **Int J Lepr** 1984 Sep;52(3):351-61

Unresponsiveness to Mycobacterium leprae in lepromatous leprosy in vitro: reversible or not? Ottenhoff TH, et al. **Int J Lepr** 1984 Sep;52(3):419-24

Models for leprosy. An appraisal of graphic representations of the 'spectrum' concept as models and a suggestion for a catastrophe theory model for leprosy. Srinivasan H. **Int J Lepr** 1984 Sep;52(3):402-13

The cellular content of dermal leprous granulomas: an immuno-histological approach. Wallach D, et al. **Int J Lepr** 1984 Sep;52(3):318-26

Changes in circulating antibody levels to the major phenolic glycolipid during erythema nodosum leprosum in leprosy patients. Andreoli A, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):211-7

Immunoglobulins in leprosy. Chiewsilp P, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):28-32

Inhibition of antibody-dependent, cell-mediated cytotoxicity by serum from lepromatous leprosy patients. de la Barrera SS, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):218-24

Absence from sera from normal individuals or from rifampin-treated leprosy patients (THELEP trials) of antibody to rifamycin-protein or rifamycin-membrane conjugates. Rook GA. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):22-7

Serological survey of leprosy and control subjects by a monoclonal antibody-based immunoassay. Sinha S, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):33-8

The influence of immunosuppression and immunodeficiency on infections with leprosy and tuberculosis. Strickland NH. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):86-100

Phagocytic and bactericidal activities of macrophages from Mycobacterium leprae-infected normal and immunosuppressed mice. Vaishnavi C, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):233-7

The immunology of Hansen's disease. Ostler HB. **Int Ophthalmol Clin** 1985 Summer;25(2):117-31

Cell mediated immunity in leprosy with neurological complications. Dhar SK, et al. **J Assoc Physicians India** 1985 Apr;33(4):259-61

Mechanism of immunosuppression in leprosy—macrophage membrane alterations. Salgame PR, et al. **J Clin Lab Immunol** 1984 Jul;14(3):145-9

An analysis of in vitro T cell responsiveness in lepromatous leprosy. Kaplan G, et al. **J Exp Med** 1985 Sep 1;162(3):917-29

Association between leprosy and immunoglobulin allotypes: Gm-A2m and Km frequencies in Vietnamese. de Lange G, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):173-80

Immunity to leprosy. II. Genetic control of murine T cell proliferative responses to Mycobacterium leprae. Douglas-Jones AG, et al. **J Immunol** 1985 Oct;135(4):2824-8

Defective cell-mediated immunity in leprosy: failure of T cells from lepromatous leprosy patients to respond to Mycobacterium leprae is associated with defective expression of interleukin 2 receptors and is not reconstituted by interleukin 2. Mohagheghpour N, et al. **J Immunol** 1985 Aug;135(2):1443-9

HLA-linked control of predisposition to lepromatous leprosy. van Eden W, et al. **J Infect Dis** 1985 Jan;151(1):9-14

Leprosy: altered complement receptors in disseminated disease. Tausk F, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):58s-61s

The effect of Mycobacterium leprae on PHA- and PPD-induced inhibition of leukocyte migration in leprosy patients. Dharma Rao T, et al. **Lepr Rev** 1985 Jun;56(2):109-16

Hypothesis: possible idiotypic suppression of cell-mediated immunity in lepromatous leprosy. Ferluga J, et al. **Lepr Rev** 1984 Sep;55(3):221-7

Different mode of circulating immune complexes and anti-ssDNA antibodies in sera of lepromatous leprosy and systemic lupus erythematosus. Furukawa F, et al. **Lepr Rev** 1984 Sep;55(3):291-9

Leprosy immunology—some aspects of the role of the immune system in the pathogenesis of disease. Godal T. **Lepr Rev** 1984 Dec;55(4):407-14

A further investigation of skin-test responsiveness and suppression in leprosy patients and healthy school children in Nepal. Morton A, et al. **Lepr Rev** 1984 Sep;55(3):273-81

Normal numbers of T6 positive epidermal langerhans cells across the leprosy spectrum. Narayanan RB, et al. **Lepr Rev** 1984 Sep;55(3):301-8

Immunological status of histoid leprosy. Sehgal VN, et al. **Lepr Rev** 1985 Mar;56(1):27-33

Activation of human monocytes in leprosy. Ohkawa S. **Microbiol Immunol** 1985;29(3):265-74

Distribution of lymphocyte subsets in lymph nodes of leprosy patients. Samuel NM, et al. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):179-84

HLA class-II immune response genes and products in leprosy. de Vries RR, et al. **Prog Allergy** 1985;36:95-113 (64 ref.)

CR1 deficiency in patients with Hansen's disease. Tausk FA, et al. **Trans Assoc Am Physicians** 1984;97:346-52

METABOLISM

Nutritional aspects of leprosy. Mester de Parajd L, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):293-303

Hydrogen peroxide and superoxide production by peripheral blood monocytes in leprosy. Sharp AK, et al. **Clin Exp Immunol** 1985 Apr;60(1):203-6

Fibronectin in leprosy lesions: observations using monoclonal antibodies to human fibronectin. Narayanan RB, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):532-9

Phosphatidylinositomannosides in lepromatous leprosy nodules. Khandke L, et al. **Indian J Med Res** 1984 Sep;80:259-63

Oxygen metabolism in phagocytes of leprotic patients: enhanced endogenous superoxide dismutase activity and hydroxyl radical generation by clofazimine. Niwa Y, et al. **J Clin Microbiol** 1984 Nov;20(5):837-42

MICROBIOLOGY

Lipids as taxonomic markers for bacteria derived from leprosy infections. Asselineau C, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):121-7

Propionibacterium, Corynebacterium, Mycobacterium and Lepra bacilli. Barksdale L, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):153-74

Freeze-etching and freeze-fracture structural features of cell envelopes in mycobacteria and leprosy derived corynebacteria. Benedetti EL, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):237-48

Occurrence of antigen BCG 60 in leprosy derived corynebacteria and other coryneforms. Papa FP, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):351-6

Correlation viability/morphology in Mycobacterium leprae. Silva MT, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):281-91

Liberated intracellular pathogen—leprosy model. Skinsnes OK, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):195-210

Leprosy in wild armadillos (Dasypus novemcinctus) of the Texas Gulf Coast. Smith JH, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):311-8

In vitro cultivation of Mycobacterium X from Mycobacterium leprae infected tissues in propane-tetradecane medium (a preliminary communication). Kato L. **Acta Microbiol Hung** 1984;31(4):373-80

Cultivable mycobacteria isolated from organs of armadillos uninoculated and inoculated with Mycobacterium leprae. Portaels F, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr; 136A(2):181-90

Description of Corynebacterium tuberculostearicum sp. nov., a leprosy-derived Corynebacterium. Brown S, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):251-67

Dopa-oxidase activity on ICRC bacilli. Kale VP, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):58-62

DDS-resistant leprosy [letter] Neelan PN, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):115-8

Mycobacterium leprae in seminal fluid: a case report. Pareek SS, et al. **Lepr Rev** 1985 Mar;56(1):49-50

MORTALITY

[Epidemiological aspects of mortality among patients with Hansen's disease in the State of São Paulo, Brazil (1931-1980)] Lombardi C. **Rev Saude Publica** 1984 Apr; 18(2):71-107 (Eng. Abstr.) **(Por)**

OCCURRENCE

Leprosy case detection rates by age, sex, and polar type under leprosy control conditions. de Vries JL, et al. **Am J Epidemiol** 1985 Mar;121(3):403-13

Secular trends in age at onset, sex ratio, and type index in leprosy observed during declining incidence rates. Irgens LM, et al. **Am J Epidemiol** 1985 Oct;122(4):695-705

Epidemiological aspects of Hansen's disease. Trautman JR. **Bull NY Acad Med** 1984 Sep;60(7):722-31 (25 ref.)

Leprosy in the Americas. **Bull Pan Am Health Organ** 1984; 18(2):182-8

An analysis of leprosy incidence by patient age and the clinical form of the disease. Ferreira J, et al. **Bull Pan Am Health Organ** 1984;18(4):400-3

The epidemiology of leprosy in Yimbo location Siaya District. Orege PA, et al. **East Afr Med J** 1985 Jan; 62(1):65-70

Some health problems of the Maldives. McGlashan N, et al. **Ecol Dis** 1982;1(4):221-8

Social factors and leprosy in Lamjung, West Central Nepal: implication for disease control. Pearson M. **Ecol Dis** 1982; 1(4):229-36

An approach to leprosy work in south Bombay--a preliminary communication. Daniel JR, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):280-91

Time trends in the analysis of incidence rate of leprosy among household contacts. Jesudasan K, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):792-806

Surveillance in leprosy. Jesudasan K, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):132-7

Incidence rates of leprosy among household contacts of 'primary cases'. Jesudasan K, et al. **Ind J Lepr** 1984 Jul-Sep; 56(3):600-14

Socio-economic problems of leprosy patients and their relatives in Gujarat State. Kant VP. **Ind J Lepr** 1984 Oct-Dec;56(4):889-99

Socio-environmental factors in relation to leprosy at Jaipur. Ojha KS, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):884-8

Observations on the intra familial clustering of leprosy cases in Trivandrum City. Pillai SC, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):868-76

An epidemiological study of leprosy in a rural community of Pondicherry. Reddy BN, et al. **Ind J Lepr** 1984 Jan-Mar; 56(1):15-23

An epidemiological study of leprosy disability in a leprosy endemic rural population of Pondicherry (south India). Reddy BN, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):191-9

Epidemiological and clinical aspects of leprosy in Indian armed forces. Tiwari VD, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):124-31

Risk of paucibacillary leprosy patients released from control relapsing with multibacillary leprosy. Jesudasan K, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):19-21

Leprosy among industrial workers in Bombay, India. Studies in retrospect and prospect. Koticha KK, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):488-95

A retrospective study of leprosy in an industrial hospital. Ramanan C, et al. **J Commun Dis** 1984 Sep;16(3):169-75

Leprosy in Punjab. Pfau R. **JPMA** 1984 Sep;34(9):292-4

Leprosy in Azad Kashmir. Pfau R. **JPMA** 1984 Oct; 34(10):326-7

Perspectives on leprosy. Merritt D, et al. **Kans Med** 1985 May;86(5):148-51

The effect of intervals between surveys on the estimation of incidence rates of leprosy. Jesudasan K, et al. **Lepr Rev** 1984 Dec;55(4):353-9

'Leprosy in the Armed Forces of the United States: newly reported cases from 1970 to 1983'. Schlagel CJ, et al. **Milit Med** 1985 Aug;150(8):427-30

[Epidemiology of leprosy in Zigong District of Sichuan Province] Du JX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):92-4 (Eng. Abstr.) **(Chi)**

[Survey on the prevalence rate of dapsone-resistant leprosy in the Yangzhou district] Li WZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):59-61 (Eng. Abstr.) **(Chi)**

[Problems in epidemiological surveys in developing countries. An attempt at a population study in Bangladesh] Breddam E, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):828-9 **(Dan)**

[Leprosy control in Bangladesh. Evaluation of a 5-year control project in the northern part of Bangladesh] Ibsen TB, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):830 **(Dan)**

[Status of endemic leprosy in senegal in 1983] Millan J, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):5-19 **(Fre)**

[Evaluation of endemic leprosy in the Haute-Sangha prefecture of the Central African Republic in a case-finding survey carried out in the month of August 1983] Somse P, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):85-92 **(Fre)**

[Discovery of 4 new cases of leprosy in a South Tunisian location] Zahaf A, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):79-82 (Eng. Abstr.) **(Fre)**

[Leprosy in South Tunisia. Preliminary study] Zahaf A, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):83-4 (Eng. Abstr.) **(Fre)**

[Remarks on the epidemiology of leprosy in France in the past 50 years] Basset A. **Bull Mem Acad R Med Belg** 1984; 139(2):156-64 (Eng. Abstr.) **(Fre)**

[Uveal leprosy in Iran] Chams H, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:242-5 **(Fre)**

[Current status of leprosy in West Germany] Bahmer FA. **Hautarzt** 1984 Aug;35(8):402-7 (Eng. Abstr.) **(Ger)**

[Leprosy in Northern India. XV. A study of twice-repeated total survey in three villages in the suburbs of Agra city] Nakai E. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec; 53(4):185-92 (Eng. Abstr.) **(Jpn)**

[Epidemiology of leprosy in Guadalupe between 1970 and 1983] Cartel JL, et al. **Bol Of Sanit Panam** 1985 Jun; 98(6):535-47 (Eng. Abstr.) **(Spa)**

[Tuberculoid leprosy in the migratory population of Maresme (letter)] Sanz Colomo B, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):224 **(Spa)**

[Epidemiologic analysis of the evaluation of the new leprosy program, 10 de Octubre municipality, 1977-1982] Alvarez Mesa M. **Rev Cubana Med Trop** 1984 May-Aug; 36(2):223-32 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Experimental leprosy in the armadillo and nude mice: comparative histobacteriology and ultrastructure. Ravisse P, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):327-39

Ultrastructural and histophysiological studies on the blood-nerve barrier and perineurial barrier in leprosy neuropathy. Boddingius J. **Acta Neuropathol (Berl)** 1984; 64(4):282-96

Manifestations of experimental leprosy in the armadillo. Job CK, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):151-61

Untreated Hansen's disease of the eye: a clinicopathological report. Robertson I, et al. **Aust J Ophthalmol** 1984 Nov; 12(4):335-9

First lesion in experimental armadillo leprosy. Job CK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):71-7

Evaluation of the neurotoxicity of dapsone in the mouse model. Kamala AN, et al. **Ind J Lepr** 1984 Apr-Jun; 56(2):251-6

Ultrastructural study of epidermal Langherhans cells in leprosy. Mathur NK, et al. **Ind J Lepr** 1984 Oct-Dec; 56(4):840-3

Ultrastructure of sciatic nerve of armadillo infected with Mycobacterium leprae. Mehta LN, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):540-54

Trophic changes and extensive dissemination in normal mice infected with human Mycobacterium leprae. Vaishnavi C, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):742-7

Histoid leprosy. Sehgal VN, et al. **Int J Dermatol** 1985 Jun; 24(5):286-92 (44 ref.)

Pathological findings on peripheral nerves, lymph nodes, and visceral organs of leprosy. Liu TC, et al. **Int J Lepr** 1984 Sep;52(3):377-83

Venous involvement in nonlepromatous leprosy [letter] Mukherjee A, et al. **Int J Lepr** 1984 Sep;52(3):424-5

Exacerbation reactions in hyperactive lepromatous leprosy. Ridley DS, et al. **Int J Lepr** 1984 Sep;52(3):384-94

Experimental leprosy in the mangabey (Cercocebus atys): necropsy findings. Baskin GB, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):269-77

An electron microscopic study on macrophages and lymphocytes in lepromatous and borderline leprosy. Burchard GD, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):64-9

An electron microscopic study of the small cutaneous vessels in lepromatous leprosy. Burchard GD, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):70-4

Electron microscopic findings of the peripheral nerve lesions of nude mice inoculated with M. leprae. Fukunishi Y. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):75-8

Electron microscopic findings of transverse fission of M. leprae by freeze-etching methods. Fukunishi Y. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):247-50

An unusual case of untreated polar lepromatous leprosy associated with rare M. leprae. Gelber RH. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):311-2

Observations of Langerhans' cells in leprosy using monoclonal antibody OKT6. Liu JH, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):524-6

Persistence of Langhans' giant cells in rapidly downgrading leprosy lesions [letter] Lyons NF, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):114-5

In vitro studies on dermal granulomas of human leprosy--cellular characteristics. Narayanan RB, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):39-44

Ultrastructural aspects of oral and facial lepromatous lesions. Reichart PA, et al. **Int J Oral Surg** 1985 Feb;14(1):55-60

Relationship between the loss of maxillary anterior alveolar bone and the duration of untreated lepromatous leprosy in Malaysia. Nah SH, et al. **Lepr Rev** 1985 Mar;56(1):51-5

Relapsed lepromatous leprosy in Korea; occurrence of multiple small 'umbilicated' lesions of borderline type [letter] Singh M, et al. **Lepr Rev** 1984 Dec;55(4):437

Untreated borderline-leprosy in the ulnar nerve: light and electron microscopical studies. Vieregge P, et al. **Lepr Rev** 1985 Mar;56(1):5-15

A case report of primary tracheal cancer from leprosy autopsy series with a review of the literature. Obara A, et al. **Nippon Rai Gakkai Zasshi** 1984 Apr-Jun;53(2):54-60

The placenta in leprosy. Duncan ME, et al. **Placenta** 1984 May-Jun;5(3):189-98

[Leprosy in young children. 2 cases at 3 years of age] Guillet G, et al. **Ann Dermatol Venereol** 1985;112(4):353-7 (Eng. Abstr.) **(Fre)**

[The patient's face, a follow-up study of a leper] Schirren C. **Z Hautkr** 1984 Nov 15;59(22):1507-12 (Eng. Abstr.) **(Ger)**

[Diffuse cutaneous form of lepromatous leprosy (letter)] López Andreu FR, et al. **Med Clin (Barc)** 1984 Jun 2; 83(1):44 **(Spa)**

PHYSIOPATHOLOGY

Weight appreciation in the hand in normal subjects and in patients with leprous neuropathy. Raj DV, et al. **Brain** 1985 Mar;108 (Pt 1):95-102

Hand function and leprosy. Cottler-Fox M, et al. **Ethiop Med J** 1984 Oct;22(4):161-4

Electrocardiographic changes in multi bacillary leprosy. Agarwal S, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):569-74

Adrenal cortical function and reserve in lepromatous leprosy. Durairaj V, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):828-34

Greater auricular nerve conduction in leprosy. Gourie-Devi M. **Ind J Lepr** 1984 Apr-Jun;56(2):182-90

Respiratory dysautonomia in leprosy. Gupta OP, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):844-6

Cardiac dysautonomia in lepromatous leprosy. Kale HD, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):563-8

Renal functional status in leprosy. Kanwar AJ, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):595-9

Hansen's disease and olfaction. Soni NK, et al. **Int J Lepr** 1984 Sep;52(3):339-42

The patient with sensory loss. Coleman WC, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):255-7

Minimum temperature felt as hot (MTH)--a new concept for grading the loss of temperature sensation in leprosy patients. Jain GL, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):206-10

Leprosy wound healing with ordinary adhesive tape. A preliminary report. Stenström S, et al. **Scand J Plast Reconstr Surg** 1976;10(3):241-4

PREVENTION & CONTROL

Immunization against leprosy: progress and prospects. Noordeen SK, et al. **Bull Pan Am Health Organ** 1984; 18(3):295-99

An overview on the leprosy vaccine. Antia NH, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):301-6

A study about the billboards on leprosy displayed in the Pallavan Transport Corporation buses at Madras City. Cheriyan CS, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):151-7

Leprosy work in Sangal Pargana disrict of Bihar. Dharmendra. **Ind J Lepr** 1984 Jan-Mar;56(1):148-50

Community leaders involvement in leprosy health education. Kumar A, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):901-11

Health Management Information System in Leprosy Control Programme. Yellapurkar MV. **Ind J Lepr** 1984 Jan-Mar; 56(1):86-97

Leprosy: a need for multidisciplinary approach. Dutta AK. **Indian J Dermatol** 1984 Jan;29(1):7-9

Leprosy control in Shandong Province, China, 1955-1983: some epidemiological features. Li HY, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):79-85

Leprosy control in Sind. Pfau R. **JPMA** 1984 Aug; 34(8):255-8

Managerial implications of multidrug therapy. Askew AD. **Lepr Rev** 1985 Jun;56(2):89-97

Vaccination against leprosy; recent advances and practical implications. Noordeen SK. **Lepr Rev** 1985 Mar;56(1):1-3

Leprosy bacillus outwitted [news] Draper P. **Nature** 1985 Aug 1-7;316(6027):388-9

Leprosy--in pursuit of a vaccine. Stewart-Tull DE. **Vaccine** 1984 Dec;2(4):238-48 (111 ref.)

Epidemiology of leprosy in relation to control. Report of a WHO Study Group. **WHO Tech Rep Ser** 1985;716:1-60

[Education project of leprosy teams in health education. Ministry of Public Health and Population, Republic of the Ivory Coast] **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):67-77 **(Fre)**

[Contribution to the study of leprosy and BCG vaccination among the children of lepers and non-family contacts in Iran] Assefi V, et al. **Acta Leprol (Geneve)** 1984 Jan-Mar; (94):39-45 **(Fre)**

[Epidemiologic surveillance in leprosy control programs] Gateff C. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):71-4 (Eng. Abstr.) **(Fre)**

[Leprosy in Guatemala 1982] Cordero FA. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):19-37 (Eng

Abstr.) **(Spa)**

[Control of leprosy] **Bol Of Sanit Panam** 1984 Aug; 97(2):168-71 **(Spa)**

PSYCHOLOGY

Experiences of identification and differentiation as functions of leprosy, personality and age. Chauhan NS, et al. **Ind J Lepr** 1984 Apr-Jun;56(2):292-300

Psychosocial stress in Hansen's disease: a comparison with other chronic illness patients. Bahlinger VM, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):251-4

Leprosy--the Moslem attitude. Ahmed Mohamed HA. **Lepr Rev** 1985 Mar;56(1):17-21

Social aspects of leprosy: a case study in Zaria, northern Nigeria. Reddy NB, et al. **Lepr Rev** 1985 Mar;56(1):23-5

Childhood leprosy and social response in south India. Berreman JM. **Soc Sci Med** 1984;19(8):853-65

RADIOGRAPHY

Arteriography in leprosy. Agrawal BR, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):138-45

[Bone changes in Hansen's disease] Mende B, et al. **ROFO** 1985 Feb;142(2):189-92 (Eng. Abstr.) **(Ger)**

SURGERY

Zancolli's 'lasso' operation in intrinsic palsy of leprous origin. A study of twenty-six cases. Oberlin C. **Ann Chir Main** 1985;4(1):22-30 (Eng. Abstr.) **(Eng, Fre)**

Repositioning of pupil for visual disability. Lamba PA, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):4-9

Effect of epicondylectomy in early ulnar neuritis treated with steroids. Pannikar VK, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):501-5

Reconstruction of the heel with chronic ulceration with flexor digitorum brevis myocutaneous flap. Shah A, et al. **Lepr Rev** 1985 Mar;56(1):41-8

[Strategy and tactics in leprosy surgery] Bourrel P. **Acta Leprol (Geneve)** 1984 Jan-Mar;(94):55-63 **(Fre)**

[Surgical decompression of leprous neuritis (letter)] Bourrel P. **Chirurgie** 1984;110(8-9):786-7 **(Fre)**

[Form for palliative surgery of leprosy] Bourrel P. **Med Trop (Mars)** 1984 Apr-Jun;44(2):171-8 **(Fre)**

THERAPY

Successful plasma exchange in type 1 leprosy reversal reaction. Lucht F, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1647-8

Anti-leprosy vaccines--field trials and future prospects. Deo MG. **Ind J Lepr** 1984 Oct-Dec;56(4):764-75

Field follow-up of leprosy cases in an urban area. Revankar CR, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):861-7

A study of knowledge, attitude and practice of leprosy among doctors of Bhopal, India. Sandhu HS, et al. **Ind J Lepr** 1984 Jul-Sep;56(3):633-40

Problems of urban leprosy control with special reference to case holding. Koticha KK, et al. **Int J Lepr Other Mycobact Dis** 1984 Dec;52(4):482-7

Strategy for leprosy control. Lagrange PH, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):278-88

Leprosy. Domiciliary and field work. **Lepr Rev** 1984 Dec; 55(4):421-8

Noumea, New Caledonia during WW II. Bagby JW. **Mo Med** 1985 Apr;82(4):193

[Combination of BCG and lepromin in the treatment of leprosy] Mazet G. **Acta Leprol (Geneve)** 1984 Jan-Mar; (94):47-54 (Eng. Abstr.) **(Fre)**

URINE

Comparative value of Dapsone 'spot test' and Dapsone 'tile test' in leprosy control programme. Naik SS. **Ind J Lepr** 1984 Oct-Dec;56(4):847-51

VETERINARY

Leprosy in a mangabey monkey--naturally acquired infection. Meyers WM, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):1-14

LEPTAZOLE see **PENTYLENETETRAZOLE**

LEPTOCONOPS see **CERATOPOGONIDAE**

LEPTOCURARES see **NEUROMUSCULAR DEPOLARIZING AGENTS**

LEPTOCYTOSIS, HEREDITARY see **THALASSEMIA**

LEPTOSPIRA

Phagocytosis of virulent and avirulent leptospires by guinea-pig and human polymorphonuclear leukocytes in vitro. McGrath H, et al. **Pathology** 1984 Jul;16(3):243-9

[Human leptospirosis due to the copenhageni serotype] Riedemann S, et al. **Rev Med Chil** 1984 Aug;112(8):809-11 (Eng. Abstr.) **(Spa)**

ANALYSIS

[Fatty acid composition of Leptospira lipids as a taxonomic criterion] Vasiurenko ZP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):6-11 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

New method for classification of leptospiral isolates belonging to serogroup pomona by restriction endonuclease analysis: serovar kennewicki. Thiermann AB, et al. **J Clin Microbiol** 1985 Apr;21(4):585-7

Possible role of leptospires of the Pomona serogroup in sporadic bovine abortion in the south west of England. Hathaway SC, et al. **Vet Rec** 1984 Dec 15;115(24):623-6

Differentiation of pathogenic and saprophytic leptospira strains. Bazovska S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):517-20

[Activity in the field of leptospirosis at the University of Trieste] Cinco M. **Boll Ist Sieroter Milan** 1984 Jul 31; 63(3):267-8 (Eng. Abstr.) **(Ita)**

DRUG EFFECTS

[Sensitivity of different morphological variants of Leptospira to the leptospirocidal activity of normal animal sera] Anan'ina IuV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):72-3 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Phospholipases of Leptospira. I. Presence of phospholipase A1 and lysophospholipase in Leptospira biflexa. Yanagihara Y, et al. **Microbiol Immunol** 1984;28(7):747-56

GENETICS

Genetic relationship of lyme disease spirochetes to Borrelia, Treponema, and Leptospira spp. Hyde FW, et al. **J Clin Microbiol** 1984 Aug;20(2):151-4

IMMUNOLOGY

Role of specific antibody in interaction of leptospires with human monocytes and monocyte-derived macrophages. Wang B, et al. **Infect Immun** 1984 Dec;46(3):809-13

Serological interrelationship of Leptospira serovar and genus-specific antigens by enzyme-linked immunosorbent assay. Fairbrother JM. **J Clin Microbiol** 1984 Dec; 20(6):1089-93

Antigenic population changes of Leptospira biflexa strains grown under the selective pressure of factorial antibodies. Cacciapuoti B, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):521-6

Determination of the heat labile point of leptospiral antigens. Mazzonelli J, et al. **Med Microbiol Immunol (Berl)** 1984; 173(3):141-3

An IgM- and IgG-specific enzyme-linked immunosorbent assay (ELISA) to detect anti-leptospiral immunoglobulins in dogs. Hartman EG. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):508-10

Application of an immuno-enzyme technique to titration of antibodies in leptospirosis: ELISA (enzyme-linked immunosorbent assay). Mailloux M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):511-3

Use of formaldehyde-PBS for serum dilution in the microscopic agglutination test (MAT) for leptospirosis. Schönberg A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):493-7

[The effect of leptospiral outer envelope vaccine. IV. A study among a small population] Bao XH. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):212-5 (Eng. Abstr.) **(Chi)**

[Serological response to leptospiral vaccine injected using different schedules] Liang CX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Oct; 5(5):287-90 (Eng. Abstr.) **(Chi)**

[Territorial dissemination of antibodies against leptospirae at individual farms throughout a district, detected on the basis of serological testing of slaughter cattle and pigs] Treml F, et al. **Vet Med (Praha)** 1984 Sep;29(9):531-7 (Eng. Abstr.) **(Cze)**

[Incidence of antibodies against leptospira in the blood of breeding sows] Treml F, et al. **Vet Med (Praha)** 1984 Dec; 29(12):713-8 (Eng. Abstr.) **(Cze)**

[Experimental leptospiral vaccines. Serological findings in rabbits] Riedemann S, et al. **Zentralbl Veterinarmed [B]** 1984 Aug;31(7):487-92 (Eng. Abstr.) **(Spa)**

ISOLATION & PURIFICATION

Effects of products of autolysis of tissue and urine on the viability, morphology, and antigenicity of Leptospira interrogans serovar pomona. Fairbrother JM. **J Clin Microbiol** 1985 Feb;21(2):189-94

Isolation of leptospires in diagnosis of leptospirosis. Thiermann AB. **Mod Vet Pract** 1984 Oct;65(10):758-9

PATHOGENICITY

[Differences in the susceptibility of field mice from the Altai Territory and Moscow Province to Leptospira of serovar mozdok and serogroup Pomona] Chernukha IuG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):45-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Microcinematographic analysis of tethered Leptospira illini. Charon NW, et al. **J Bacteriol** 1984 Dec;160(3):1067-73

Leptospiral attachment to cultured cells. Tsuchimoto M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2-3):268-74

LEPTOSPIRA CANICOLA

GROWTH & DEVELOPMENT

Detoxification of tween for the cultivation of Leptospira. Kojima T, et al. **Microbiol Immunol** 1984;28(8):949-54

IMMUNOLOGY

Isolation of an antigenic oligosaccharide fraction from Leptospira interrogans serovar canicola with a monoclonal antibody. Ono E, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1429-35

Determination of specific anti-leptospiral immunoglobulins M and G in sera of experimentally infected dogs by solid-phase enzyme-linked immunosorbent assay. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):43-51

LEPTOSPIRA ICTEROHAEMORRHAGIAE see **LEPTOSPIRA INTERROGANS**

LEPTOSPIRA INTERROGANS

[Weil's syndrome due to Leptospira interrogans of the ballum serotype] Thompson L, et al. **Rev Med Chil** 1984 Aug; 112(8):806-8 (Eng. Abstr.) **(Spa)**

ANALYSIS

Restriction endonuclease DNA analysis of Leptospira interrogans serovars icterohaemorrhagiae and hebdomadis. Marshall RB, et al. **J Clin Microbiol** 1984 Oct;20(4):808-10

[Studies on endotoxin of Leptospira: I. Extraction of lipopolysaccharides from Leptospira interrogans serovar Lai and analysis of their chemical and biological properties] Nie DK, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):321-5 (Eng. Abstr.) **(Chi)**

CLASSIFICATION

Infection by leptospires of the Pomona serogroup in cattle and pigs in south west England. Hathaway SC, et al. **Vet Rec** 1984 Sep 8;115(10):246-8

GROWTH & DEVELOPMENT

Evaluation of the leptospiral protein-free medium. Mazzonelli J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):27-31

IMMUNOLOGY

Leptospiral exposure in Detroit rodent control workers. Demers RY, et al. **Am J Public Health** 1985 Sep; 75(9):1090-1

Antibody response to genus- and serovar-specific leptospiral antigens in Leptospira-infected cows. Fairbrother JM. **Am J Vet Res** 1985 Jul;46(7):1422-6

Monoclonal antibodies to Leptospira interrogans serovar pomona. Ainsworth AJ, et al. **Can J Comp Med** 1985 Apr; 49(2):202-4

Identification and characterization of the protein antigens of Leptospira interrogans serovar hardjo. Nunes-Edwards PL, et al. **Infect Immun** 1985 May;48(2):492-7

Isolation of an antigenic oligosaccharide fraction from Leptospira interrogans serovar canicola with a monoclonal antibody. Ono E, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1429-35

Humoral immune response of dogs after vaccination against leptospirosis measured by an IgM- and IgG-specific ELISA. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):245-54

Enzymatic radioimmunoassay for detecting Leptospira interrogans serovar pomona in the urine of experimentally-infected pigs. Chappel RJ, et al. **Vet Microbiol** 1985 Apr;10(3):279-86

Monoclonal antibodies for diagnosis of infection with Leptospira interrogans serovar hardjo by immunofluorescence. Stevens AE, et al. **Vet Rec** 1985 Jun 1;116(22):593-4

Immunohistochemical investigations of leptospira-infected golden hamsters in potency tests. Hein B, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):521-5

Evaluation of the slide agglutination test for detection of leptospiral antibodies in serum samples of slaughter pigs. Weber A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep;257(4):498-500

[Selection of hybridomas producing monoclonal antibodies against Leptospira icterohemorrhagiae serovar Lai strain 017] Wang CX, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):11-4 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

Leptospira interrogans serovar hardjo associated with bovine abortion in South Africa. Te Brugge LA, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):51-2

Addition of rabbit serum to EMJH medium improves isolation of Leptospira interrogans serovar hardjo. Te Brugge LA, et al. **Onderstepoort J Vet Res** 1985 Mar; 52(1):53-4

Fatal congenital human leptospirosis. Faine S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep;257(4):548

Survival of leptospires in commercial blood culture systems. Palmer M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep;257(4):480-7

[Relationship between the number of leptospires in blood, livers and lungs of guinea pigs and the pulmonary diffuse hemorrhage of leptospirosis] Hu QL, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):33-6 (Eng. Abstr.) **(Chi)**

[Identification of the first human Leptospira strain in the island of La Reunion] Mailloux M. **Bull Soc Pathol Exot Filiales** 1985;78(1):28-30 (Eng. Abstr.) **(Fre)**

PATHOGENICITY

Leptospiral abortions of sows: new data. Kemenes F. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):544-7

LEPTOSPIROSIS

[Mastitis--Leptospira hardjo--milker's fever] Snoep JJ. **Tijdschr Diergeneeskd** 1985 Feb 15;110(4):150-1 **(Dut)**

[Introduction to the Round Table on Leptospirosis] Rigoli E. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):231-2 (Eng. Abstr.) **(Ita)**

BLOOD

Serum lipids in patients with leptospirosis [letter] Estavoyer JM, et al. **J Infect Dis** 1984 Dec;150(6):963-4

COMPLICATIONS

Hemolytic uremic syndrome in leptospirosis bataviae. Hanvanich M, et al. **Nephron** 1985;40(2):230-1

Acute renal failure due to leptospirosis: clinical features and outcome in six cases. Winearls CG, et al. **Q J Med** 1984 Autumn;53(212):487-95

DIAGNOSIS

Leptospirosis? [letter] Waitkins S. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):468

An unrecognised zoonosis?: Leptospirosis hardjo in man in the Republic of Ireland. Colgan M, et al. **Ir Med J** 1984 Aug;77(8):238-40

EIA test for leptospirosis [letter] Adler B, et al. **Med J Aust** 1984 Nov 10;141(10):685-6

New trends in the rapid serodiagnosis of leptospirosis. Banfi E, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):503-7

May human leptospirosis develop as a chronic infection? Nicolescu M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):531-4

Use of formaldehyde-PBS for serum dilution in the microscopic agglutination test (MAT) for leptospirosis. Schönberg A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):493-7

[The biological diagnosis of leptospirosis today] Mailloux M, et al. **Bull Acad Natl Med (Paris)** 1984 May-Jun; 168(5-6):621-5 (Eng. Abstr.) **(Fre)**

[Diagnosis of leptospirosis] **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(4):480-91 **(Ger)**

[The Pavia Center for the study and diagnosis of leptospirosis] Bianchi L. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):262-6 (Eng. Abstr.) **(Ita)**

[The diagnosis of leptospirosis in the hospital microbiology laboratory] Cacciapuoti B. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):237-43 (Eng. Abstr.) **(Ita)**

[Activity in the field of leptospirosis at the University of Trieste] Cinco M. **Boll Ist Sieroter Milan** 1984 Jul 31; 63(3):267-8 (Eng. Abstr.) **(Ita)**

[Diagnostic research on leptospirosis in the Milanese territory] Gelosa L, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):254-61 (Eng. Abstr.) **(Ita)**

[Biological diagnosis of the leptospiroses: technics and interpretations] Mailloux M, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):233-6 (Eng. Abstr.) **(Ita)**

[Clinical forms, diagnosis and treatment of leptospirosis] Ivakhnenko AG, et al. **Voen Med Zh** 1985 Feb;(2):39-41 **(Rus)**

[Human leptospirosis due to the copenhageni serotype] Riedemann S, et al. **Rev Med Chil** 1984 Aug;112(8):809-11 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

[Activity of dehydrogenases and their isoenzymes in the blood of patients with leptospirosis and viral hepatitis] Pupkevich-Diamant IaS, et al. **Lab Delo** 1984;(10):589-93 (Eng. Abstr.) **(Rus)**

HISTORY

The history of leptospirosis: 100 years. Gsell O. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):473-8 (16 ref.)

IMMUNOLOGY

Leptospiral exposure in Detroit rodent control workers. Demers RY, et al. **Am J Public Health** 1985 Sep; 75(9):1090-1

ELISA for the detection of specific IgM and IgG in human leptospirosis. Terpstra WJ, et al. **J Gen Microbiol** 1985 Feb; 131 (Pt 2):377-85

Humoral and cell-mediated immune responses to leptospires in different human cases. Ratnam S, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):539-42

[Phenomenon of transient HBs antigenemia in leptospirosis patients] Markov IS, et al. **Vrach Delo** 1984 Oct;(10):116-9 (Eng. Abstr.) **(Rus)**

OCCURRENCE

The risk of leptospirosis in United Kingdom fish farm workers. Results from a 1981 serological survey. Gill ON, et al. **J Hyg (Lond)** 1985 Feb;94(1):81-6

A serosurvey for leptospirosis in Trinidad among urban and rural dwellers and persons occupationally at risk. Everard CO, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):96-105

The prevalence of severe leptospirosis among humans on Barbados. Everard CO, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):596-603

Leptospiroses in 1982 in France and French overseas departments. Mailloux M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):535-8

Leptospirosis in New Caledonia (Melanesia). Mailloux M. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):540-1

[Morbidity of leptospirosis in Meng-lian County in Yunnan Province] Yang WY. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):78-81 (Eng. Abstr.) **(Chi)**

[Identification of proposed laboratories for leptospirosis surveillance at the regional and multiregional levels] Castelletto M, et al. **Boll Ist Sieroter Milan** 1984 Jul 31; 63(3):243-8 (Eng. Abstr.) **(Ita)**

[Diagnosis and surveillance of leptospirosis in the Venetia Region] Stella D, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):249-53 (Eng. Abstr.) **(Ita)**

PATHOLOGY

[Malignant leptospirosis with fatal outcome] Szalka A, et al. **Orv Hetil** 1984 Dec 30;125(53):3243-5 (Eng. Abstr.) **(Hun)**

PHYSIOPATHOLOGY

Unusual electrocardiographic abnormality in leptospirosis: case reports. Ram P, et al. **Angiology** 1985 Jul;36(7):477-82

PREVENTION & CONTROL

Zoonoses. **NZ Med J** 1985 Jun 26;98(781):503-4

Humoral immune response of dogs after vaccination against leptospirosis measured by an IgM- and IgG-specific ELISA. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):245-54

Immunohistochemical investigations of leptospira-infected golden hamsters in potency tests. Hein B, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Sep; 257(4):521-5

TRANSMISSION

From the PHLS. Update on leptospirosis. Waitkins SA. **Br Med J [Clin Res]** 1985 May 18;290(6480):1502-3

Influence of the mechanism of transmission of the infective agent on the aetiological structure of leptospiral foci. Kiktenko VS. **J Hyg Epidemiol Microbiol Immunol** 1985; 29(1):77-82 (37 ref.)

Leptospirosis in Wisconsin: report of a case associated with direct contact with raccoon urine. Falk VS. **Wis Med J** 1985 May;84(5):14-5

VETERINARY

Kidney disease of sheep, associated with infection by leptospires of the Sejroe serogroup. Ellis TM, et al. **Aust Vet J** 1984 Sep;61(9):304-6

Leptospiral titres in wild platypuses (Ornithorhynchus anatinus) in New South Wales. McColl KA, et al. **Aust Vet J** 1985 Feb;62(2):66-7

Prevalence of feline leptospirosis: serologic survey and attempts of isolation and demonstration of the agent. Larsson CE, et al. **Int J Zoonoses** 1984 Dec;11(2):161-9

Environmental and biological determinants for the prevalence of leptospirosis among wild small mammal hosts, island of Hawaii. Shimizu MM. **Int J Zoonoses** 1984 Dec;11(2):173-88

Leptospirosis and coccidial infection in a guanaco. Hodgin C, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1442-4

Isolation of leptospires in diagnosis of leptospirosis. Thiermann AB. **Mod Vet Pract** 1984 Oct;65(10):758-9

Leptospira interrogans serovar hardjo associated with bovine abortion in South Africa. Te Brugge LA, et al. **Onderstepoort J Vet Res** 1985 Mar;52(1):51-2

Determination of specific anti-leptospiral immunoglobulins M and G in sera of experimentally infected dogs by solid-phase enzyme-linked immunosorbent assay. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):43-51

Serodiagnosis of canine leptospirosis by solid-phase enzyme-linked immunosorbent assay. Hartman EG, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):33-42

Enzymatic radioimmunoassay for detecting Leptospira interrogans serovar pomona in the urine of experimentally-infected pigs. Chappel RJ, et al. **Vet Microbiol** 1985 Apr;10(3):279-86

Epidemiological aspects of canine leptospirosis in the Netherlands. Hartman EG. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2-3):350-9

LEPTOSPIROSIS, ICTEROHEMORRHAGIC see **WEIL'S DISEASE**

LERGOTRILE MESYLATE see under **ERGOLINES**

LERICHE'S SYNDROME

RADIOGRAPHY

The Leriche syndrome. A comparative investigation using angiography, computed tomography and ultrasonography. Landtman M, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):265-9

An unusual angiographic appearance of aorto-iliac disease presenting as the Leriche syndrome. Patel M, et al. **J Natl Med Assoc** 1985 Jan;77(1):57, 61

[A case of Leriche syndrome, preoperatively diagnosed by computed tomography--juxtrarenal aortic occlusion type] Akagawa H, et al. **Rinsho Hoshasen** 1984 Nov; 29(12):1423-5 (Eng. Abstr.) **(Jpn)**

SURGERY

[Ischemic damage of the distal digestive tract after angioplastic surgery of the infrarenal aorta for aneurysm or aorto-ilio-femoral obstruction (Leriche's syndrome)] Boumghar M. **J Chir (Paris)** 1985 Apr;122(4):225-34 (Eng. Abstr.) **(Fre)**

[Efficacy of using antibiotic-impregnated synthetic prostheses in vascular surgery] Bredikis IuIu, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):118-9 **(Rus)**

THERAPY

Leriche syndrome: treatment with streptokinase and angioplasty. Bean WJ, et al. **AJR** 1985 Jun;144(6):1285-6

Kissing balloon therapy for Leriche syndrome. Marty AT, et al. **Indiana Med** 1985 Apr;78(4):288-9

[Management of Leriche syndrome by Dotter's method and oral fibrinolytic agents] Horváth L, et al. **Orv Hetil** 1985 Mar 17;126(11):651-5 (Eng. Abstr.) **(Hun)**

LESBIANISM see **HOMOSEXUALITY**

LESBIANISM, EGO-DYSTONIC see **HOMOSEXUALITY, EGO-DYSTONIC**

LESCH-NYHAN SYNDROME

see related
HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE

Anesthesia and the Lesch-Nyhan syndrome. Larson LO, et al. **Anesthesiology** 1985 Aug;63(2):197-9

CEREBROSPINAL FLUID

Lesch-Nyhan syndrome: CSF neurotransmitter abnormalities. Silverstein FS, et al. **Neurology** 1985 Jun; 35(6):907-11

COMPLICATIONS

Renal xanthine stone in Lesch-Nyhan syndrome treated with allopurinol. Ogawa A, et al. **Urology** 1985 Jul;26(1):56-8

[Megaloblastic anemia in Lesch-Nyhan disease (letter)] Hernández Nieto L, et al. **Sangre (Barc)** 1984;29(4-A):476-8 **(Spa)**

DIAGNOSIS

First-trimester diagnosis of Lesch-Nyhan syndrome. Gibbs DA, et al. **Lancet** 1984 Nov 24;2(8413):1180-3

First trimester diagnosis of Lesch-Nyhan syndrome: applications to other disorders of purine metabolism. Stout JT, et al. **Prenat Diagn** 1985 May-Jun;5(3):183-9

DRUG THERAPY

Xanthine-containing calculi during allopurinol therapy. Kranen S, et al. **J Urol** 1985 Apr;133(4):658-9

ENZYMOLOGY

Studies in fibroblasts of patients with the Lesch-Nyhan syndrome and HPRT variants. Correlation of HPRT activity with hypoxanthine utilization and growth selection media. Willers I, et al. **Enzyme** 1984;32(4):241-7

Lesch-Nyhan syndrome, caffeine model: increase of purine and pyrimidine enzymes in rat brain. Miñana MD, et al. **J Neurochem** 1984 Dec;43(6):1556-60

[Effect of a purine-free diet on the purine phosphoribosyltransferase activity of erythrocytes in patients with Lesch-Nyhan syndrome] Semenova IA, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):94-7 (Eng. Abstr.) **(Rus)**

[Lesch-Nyhan syndrome: a new variant with hypoxanthine-guanine phosphoriboxyl transferase activity higher than the classical disease and detection of the heterozygote trait in the erythrocytes of the carrier] Hernandez Nieto L, et al. **Med Clin (Barc)** 1985 Jan 19; 84(2):68-71 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Behavioral differences between neonatal and adult 6-hydroxydopamine-treated rats to dopamine agonists: relevance to neurological symptoms in clinical syndromes with reduced brain dopamine. Breese GR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):343-54

Neonatal-6-hydroxydopamine treatment: model of susceptibility for self-mutilation in the Lesch-Nyhan syndrome. Breese GR, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):459-61

FAMILIAL & GENETIC

Molecular genetics of hypoxanthine-guanine phosphoribosyltransferase deficiency in man. Wilson JM, et al. **Arch Intern Med** 1985 Oct;145(10):1895-1900 (30 ref.)

Lesch Nyhan syndrome. Puliyel JM, et al. **Indian Pediatr** 1984 Mar;21(3):251-2

[Expression and genetic alteration of HGPRT gene: basic and clinical aspects] Kamatani N, et al. **Ryumachi** 1985 Apr;25(2):123-33 (73 ref.) **(Jpn)**

[Sex-related neurologic diseases. Hunter's disease. Lesch-Nyhan syndrome] Nieto Barrera M. **An Esp Pediatr** 1984 Oct;21 Suppl 20:47-50 **(Spa)**

METABOLISM

Brain benzodiazepine receptor binding and purine concentration in Lesch-Nyhan syndrome. Kish SJ, et al. **Brain Res** 1985 Jun 10;336(1):117-23

Dopaminergic receptor supersensitivity in self-mutilatory behaviour of Lesch-Nyhan disease [letter] Casas-Bruge M, et al. **Lancet** 1985 Apr 27;1(8435):991-2

The biochemical basis of the behavioral disorder in the Lesch-Nyhan syndrome. Baumeister AA, et al. **Neurosci Biobehav Rev** 1985 Summer;9(2):169-78 (144 ref.)

PHYSIOPATHOLOGY

Opiatergic and dopaminergic function and Lesch-Nyhan syndrome [letter] Gillman MA, et al. **Am J Psychiatry** 1985 Oct;142(10):1226

Self-mutilation in Lesch-Nyhan disease is caused by dopaminergic denervation [letter] Goldstein M, et al. **Lancet** 1985 Feb 9;1(8424):338-9

PSYCHOLOGY

[Disorders of higher mental functions in children with the Lesch-Nyhan syndrome] Semenova IA, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1565-7 (Eng. Abstr.) **(Rus)**

THERAPY

Treatment package to reduce SIB in a Lesch-Nyhan patient. Wurtele SK, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):227-34

URINE

Xanthine calculi in the patient with the Lesch-Nyhan syndrome associated with urinary tract infection. Oka T, et al. **Urol Int** 1985;40(3):138-40

LET see **ENERGY TRANSFER**

LETHAL DOSE 50

The median lethal dose and its estimation. Finney DJ. **Arch Toxicol** 1985 Feb;56(4):215-8

The LD50 [letter] **JAMA** 1985 Jul 5;254(1):56

The LD50--a tradition in need of change [letter] Hubbard RC, et al. **JAMA** 1984 Dec 21;252(23):3249

[The value of animal experiments in testing the acute toxicity of substances; a recommendation by the LD50 Commission of the Public Health Council] Wieriks J. **Ned Tijdschr Geneeskd** 1984 Sep 8;128(36):1721-3 (Eng. Abstr.) **(Dut)**

[Rapid method for determining the median lethal doses of chemical substances] Pastushenko TV, et al. **Gig Sanit** 1985 Jun;(6):46-8 **(Rus)**

LETHAL MIDLINE GRANULOMA see **GRANULOMA, LETHAL MIDLINE**

LETHARGY see **SLEEP STAGES**

LETS PROTEINS see **FIBRONECTINS**

LETTERER-SIWE DISEASE

Letterer-Siwe disease. Paul VK, et al. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):299-301

COMPLICATIONS

[Abt-Letterer-Siwe disease, combined with spastic disorders of the Little type] Michalowski R. **Z Hautkr** 1984 Dec 15;59(24):1687-91 **(Ger)**

DIAGNOSIS

Letterer-Siwe disease in the ninth decade [letter] Wright AL, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):369-71

[Clinical symptoms of histiocytosis X of the Letterer-Siwe type in an infant] Iwaszkiewicz-Pawłowska A, et al. **Wiad Lek** 1984 Apr 15;37(8):648-51 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Generalized histiocytosis X in the elderly: a light and electron microscope and monoclonal antibody study. Slater DN, et al. **Histopathology** 1984 Nov;8(6):927-36

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1985. Meningitis, petechiae, and splenomegaly in a five-week-old girl. **N Engl J Med** 1985 Oct 3;313(14):874-83

LEUCINE

ADMINISTRATION & DOSAGE

[Endogenous nitrogen metabolism in 15N-labeled swine. 3. Endogenous excretion of 15N- and 14C-labeled secretions following a 14C-leucine injection] Bergner U, et al. **Arch Tierernahr** 1984 Sep;34(9):593-605 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

[Familial leucine sensitive hypoglycemia] Hansen E, et al. **Ugeskr Laeger** 1985 Apr 8;147(15):1273-4 (Eng. Abstr.) **(Dan)**

ANALOGS & DERIVATIVES

Non-specific immunotherapy and specific hyposensitization in severe atopic dermatitis. Zachariae H, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:48-54

Oscillation of enzyme networks in spleen triggered by an immunopotentiator, bestatin. Aoyagi T, et al. **Biochem Int** 1984 Oct;9(4):405-11

In vivo actions of bestatin-related compounds in relation to their actions in vitro. Aoyagi T, et al. **Biochem Int** 1984 Nov;9(5):643-50

Mechanistic implications of the inhibition of peptidases by amino aldehydes and bestatin. Frick L, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):311-8

Immunological and haematological monitoring in bladder cancer patients receiving adjuvant bestatin treatment following radiation therapy. A prospective randomized trial. Blomgren H, et al. **Biomed Pharmacother** 1984; 38(3):143-9

Changes in turnover of cerebral monoamines following inhibition of enkephalin metabolism by thiorphan and bestatin. Llorens-Cortes C, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):369-74

Effect of bestatin and thiorphan on [Met5]enkephalin-Arg6-Phe7-induced analgesia. Reggiani A, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):361-4

Accumulation of autolysosomes after receptor-mediated introduction of Ep459-asialofetuin conjugate into lysosomes in rat hepatocytes. Furuno K, et al. **Exp Cell Res** 1985 Jan;156(1):15-21

Interaction of the (2S,3S)-isomer of bestatin with yeast aminopeptidase I. Kinetic and binding studies. Röhm KH. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1235-46

Enhancement of antitumor effect of cytotoxic agents by bestatin. Abe F, et al. **J Antibiot (Tokyo)** 1985 Mar; 38(3):411-4

Mitogenic potentials of bestatin, amastatin, arphamenines A and B, FK-156 and FK-565 on spleen lymphocytes. Weissmann N, et al. **J Antibiot (Tokyo)** 1985 Jun; 38(6):772-8

Different enzymatic oscillations in vivo caused by the stereoisomers of an aminopeptidase inhibitor, bestatin. Aoyagi T, et al. **J Appl Biochem** 1984 Aug;6(4):212-21

Enhancement of antibody formation against herpes simplex virus in mice by the T-cell mitogen bestatin. Knoblich A, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1675-86

Depletion of NK cells with the lysosomotropic agent L-leucine methyl ester and the in vitro generation of NK activity from NK precursor cells. Shau H, et al. **J Immunol** 1985 Feb;134(2):1136-41

Modulation of human natural killer cell function by L-leucine methyl ester: monocyte-dependent depletion from human peripheral blood mononuclear cells. Thiele DL, et al. **J Immunol** 1985 Feb;134(2):786-93

Similar effects of various low-molecular-weight enzyme inhibitors on enzyme networks in dystrophic mice. Aoyagi T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):681-7

The role of bestatin-sensitive aminopeptidase, angiotensin converting enzyme and thiorphan-sensitive 'enkephalinase' in the potency of enkephalins in the guinea-pig ileum. Aoki K, et al. **Jpn J Pharmacol** 1984 Sep;36(1):59-65

Degradation of kyotorphin by a purified membrane-bound-aminopeptidase from monkey brain: potentiation of kyotorphin-induced analgesia by a highly effective inhibitor, bestatin. Ueda H, et al. **Life Sci** 1985 May 13;36(19):1865-71

How is kyotorphin (Tyr-Arg) generated in the brain? Ueda H, et al. **Neuropeptides** 1985 Feb;5(4-6):525-8

Effect of bestatin on in vitro responses of murine lymphocytes to T-cell stimuli. Dunlap BE, et al. **Scand J Immunol** 1984 Sep;20(3):237-45

Consecutive bestatin-hormone regimen induces redifferentiation of cancer cells in vitro. Okuyama S, et al. **Tohoku J Exp Med** 1984 Aug;143(4):501-2

[Low-molecular weight immunostimulants: cell membrane enzyme inhibitors] Lin ZB, et al. **Sheng Li Ko Hsueh Chin Chan** 1985 Apr;16(2):115-20 (26 ref.) **(Chi)**

[Phase III controlled studies of bestatin in malignant tumors of the skin--results of treatment of squamous cell carcinoma and genital Paget's disease] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1260-6 (Eng. Abstr.) **(Jpn)**

[Phase III study of bestatin in patients with malignant skin tumors. (1) Malignant melanoma] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):77-85 (Eng. Abstr.) **(Jpn)**

[Low molecular weight immunomodulators produced by microorganisms] Ishizuka M. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2709-14 (Eng. Abstr.) **(Jpn)**

[Immunotherapy with bestatin for acute non-lymphocytic leukemia (ANLL) in adults] Kurita S, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2742-50 (Eng. Abstr.) **(Jpn)**

[Randomized controlled trial of postoperative adjuvant chemotherapy with bestatin for gastric cancer] Tanaka T, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):125-33 (Eng. Abstr.) **(Jpn)**

[Direct antitumor activity of biological response modifiers (B.R.M.) proven by an in vitro sensitivity test] Yanagawa T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2155-62 (Eng. Abstr.) **(Jpn)**

[Postoperative adjuvant immunochemotherapy with bestatin for stomach cancer. Randomized controlled trial: first report] Yoshinaka K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1458-64 (Eng. Abstr.) **(Jpn)**

[Clinical studies of bestatin on genitourinary cancer] Ichikawa T, et al. **Jpn J Antibiot** 1985 Jan;38(1):166-78 (Eng. Abstr.) **(Jpn)**

[Effect of bestatin on primary tumor and prognosis in patient with esophageal carcinoma] Sato H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2312-26 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Periodicity of leucine and tandem repetition of a 24-amino acid segment in the primary structure of leucine-rich alpha 2-glycoprotein of human serum. Takahashi N, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1906-10

BIOSYNTHESIS

Alternative pathways for biosynthesis of leucine and other amino acids in Bacteroides ruminicola and Bacteroides fragilis. Allison MJ, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1111-7

Lack of effect of GABA on [3H]leucine incorporation into a rat oviduct ribosomal system. Orensanz LM, et al. **Neurochem Res** 1985 Jun;10(6):789-96

BLOOD

Leucine metabolism in thyrotoxicosis: plasma aminogram and 3-methylhistidine excretion before and after treatment. Hagg SA, et al. **Metabolism** 1985 Sep;34(9):813-6

DIAGNOSTIC USE

Recycling of an amino acid label with prolonged isotope infusion: implications for kinetic studies. Schwenk WF, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E482-7

GENETICS

Mutations that convert the four leucine codons of the Salmonella typhimurium leu leader to four threonine codons. Carter PW, et al. **J Bacteriol** 1985 Jun;162(3):943-9

The complete nucleotide sequences of the Escherichia coli LIV-BP and LS-BP genes. Implications for the mechanism of high-affinity branched-chain amino acid transport. Landick R, et al. **J Biol Chem** 1985 Jul 15;260(14):8257-61

Characterization of the 3' end of the leucine operon of Salmonella typhimurium. Friedberg D, et al. **MGG** 1985; 199(3):486-94

[Synthesis of leucine codons and their use in the study of tRNALeu codon correspondence] Ven'iaminova AG, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1376-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Labelled leucine uptake in the visual cells and pigment epithelium of young albino rats in response to different light-dark cycles. Chan KW, et al. **Acta Histochem (Jena)** 1984;75(1):1-8

Apparent decreased oxidation and turnover of leucine during infusion of medium-chain triglycerides. Beaufrere B, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E175-82

Uptake of tyrosine and leucine in vivo by brain of diabetic and control rats. Brosnan JT, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C450-3

Leucine turnover and oxidation in trained rats during exercise. Henderson SA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E137-44

Leucine incorporation and its potential as a measure of protein synthesis by bacteria in natural aquatic systems. Kirchman D, et al. **Appl Environ Microbiol** 1985 Mar;49(3):599-607

Effect of rat blastocyst on the incorporation of radioactive precursors to endometrial macromolecules. Castro-Osuna G, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):303-10 **(Eng, Spa)**

Incorporation of 15N-leucine amine into ATP of fast-twitch muscle following stimulation. Gorski J, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1254-60

Intercellular pathway of leucine catabolism in rat spermatogenic epithelium. Grootegoed JA, et al. **Biochem J** 1985 Mar 15;226(3):889-92

Leucine and tryptophan metabolism in rats. Salter M, et al. **Biochem J** 1985 Jan 15;225(2):277-81

Effect of daily exercise and food intake on leucine oxidation. Lemon PW, et al. **Biochem Med** 1985 Feb;33(1):67-76

The effect of the intracellular sodium level on the activity of amino acid transport systems L and A in SV40 3T3 cells. Petronini PG, et al. **Biochim Biophys Acta** 1985 May 28;815(3):361-8

Changes in the incorporation of [3H]leucine into proteins of rat hippocampus subregions during the acquisition of a brightness discrimination are lateralized. Lössner B, et al. **Biomed Biochim Acta** 1984;43(12):1405-15

Leucine and isoleucine requirements of the kitten. Hargrove DM, et al. **Br J Nutr** 1984 Nov;52(3):595-605

Kinetic analysis of L-leucine transport across the blood-brain barrier. Smith QR, et al. **Brain Res** 1984 Oct 8;311(1):167-70

A study of androgen-stimulated L-leucine transport by the intestine of rainbow trout (Salmo gairdneri Richardson) in vitro. Habibi HR, et al. **Comp Biochem Physiol [A]** 1984;79(1):143-9

Leucine metabolism as a source of acetate in the synthesis of hyaluronic acid. Fraser JR, et al. **Connect Tissue Res** 1984;12(3-4):287-96

Insulin's effect on Leucine turnover changes during early fasting in the conscious dog. Hoxworth B, et al. **Diabetes** 1985 Mar;34(3):295-9

Whole body de novo amino acid synthesis in type I (insulin-dependent) diabetes studied with stable isotope-labeled leucine, alanine, and glycine. Robert JJ, et al. **Diabetes** 1985 Jan;34(1):67-73

In vivo and in vitro effects of growth hormone on the incorporation of [14C]leucine into protein of liver and muscle of the eel. Inui Y, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):295-300

Ethanol and leucine oxidation--II. Leucine oxidation by rat tissue in vitro. Ward LC, et al. **Int J Biochem** 1985;17(2):195-201

Ethanol and leucine oxidation--I. Leucine oxidation by the rat in vivo. Ward LC, et al. **Int J Biochem** 1985;17(2):187-93

Cytoplasmic and nuclear estrogen receptors and leucine incorporation in endometrium of cyclic and pregnant pigs to day 19 postestrus. Rexroad CE Jr, et al. **J Anim Sci** 1984 Nov;59(5):1286-94

Regional cerebrovascular transport of leucine as measured by the in situ brain perfusion technique. Smith QR, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):300-11

Effects of intravenous glucose on whole body leucine dynamics, studied with 1-13C-leucine, in healthy young and elderly adults. Robert JJ, et al. **J Gerontol** 1984 Nov;39(6):673-81

In vitro detection of endothelial cell damage using 2-deoxy-D-3H-glucose: comparison with chromium 51, 3H-leucine, 3H-adenine, and lactate dehydrogenase. Andreoli SP, et al. **J Lab Clin Med** 1985 Sep;106(3):253-61

Effect of hyperammonemia and methionine sulfoximine on the kinetic parameters of blood-brain transport of leucine and phenylalanine. Jonung T, et al. **J Neurochem** 1985 Jul;45(1):308-18

Amino acid uptake by dorsal root ganglia from streptozotocin-diabetic rats. Thomas PK, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep;47(9):912-6

A rat model for evaluating leucine oxidation after skeletal trauma. Birkhahn RH, et al. **J Trauma** 1985 Jun;25(6):516-21

Effect of temperature on protein synthesis and leucine transport by yeast mitochondria. Finzi E, et al. **Membr Biochem** 1985;5(4):291-307

Schistosoma mansoni: effect of maintenance in vitro on the uptake and incorporation of leucine by adult worms. Mercer JG, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):327-39

Fast axonal transport of membrane protein and intra-axonal diffusion of free leucine in a neuron of Aplysia. Koike H, et al. **Neurosci Res** 1985 Apr;2(4):281-5

In vivo measurement of leucine metabolism with stable isotopes in normal subjects and in those with cirrhosis fed conventional and branched-chain amino acid-enriched diets. Millikan WJ Jr, et al. **Surgery** 1985 Sep;98(3):405-13

Increased dependence of leucine in posttraumatic sepsis: leucine/tyrosine clearance ratio as an indicator of hepatic impairment in septic multiple organ failure syndrome. Pittiruti M, et al. **Surgery** 1985 Sep;98(3):378-87

3H-leucine incorporation into subcellular fractions of human brain tumors. Turtas S, et al. **Zentralbl Neurochir** 1984;45(2):147-51

PHARMACODYNAMICS

Effects of [15N]leucine infused at low rates on leucine metabolism in humans. Tessari P, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E121-30

Amino acid metabolism by perfused rat hindquarter. Effects of insulin, leucine and 2-chloro-4-methylvalerate. Davis EJ, et al. **Biochem J** 1985 Jul 1;229(1):19-29

Specificity of the effects of leucine and its metabolites on protein degradation in skeletal muscle. Mitch WE, et al. **Biochem J** 1984 Sep 15;222(3):579-86

Inhibition of NAD biosynthesis in human erythrocytes by leucine in vitro. Narayanareddy K, et al. **Biochem Med** 1984 Dec;32(3):404-6

Multiple effects of leucine on glucagon, insulin, and somatostatin secretion from the perfused rat pancreas. Leclercq-Meyer V, et al. **Endocrinology** 1985 Mar;116(3):1168-74

Maintenance of neonatal endocrine cells of the rat: III. Effect of 2-deoxy-2-fluoroglucose on the responses to glucose, leucine and 2-ketoisocaproate. Wakabayashi S, et al. **Horm Metab Res** 1984 Dec;16(12):672-3

Leucine-induced hypoglycemia in a family: effect of diphenylhydantoin, oxprenolol, and diazoxide. Hochberg Z, et al. **Horm Res** 1984;20(4):218-23

Anaerobic and leucine-dependent expression of a peptide transport gene in Salmonella typhimurium. Jamieson DJ, et al. **J Bacteriol** 1984 Oct;160(1):131-6

Responses of cultured cardiac myocytes to lysosomotropic compounds and methylated amino acids. Decker RS, et al. **J Cell Sci** 1985 Mar;74:119-35

L-Leucine prevents ammonia-induced changes in glutamate receptors in the brain and in visual evoked potentials in the rabbit. Ferenci P, et al. **JPEN** 1984 Nov-Dec;8(6):700-4

Effects of perfusate leucine concentration on the metabolism of valine by the isolated rat hindquarter. Zapalowski C, et al. **Metabolism** 1984 Oct;33(10):922-7

3-Hydroxykynurenine, 3-hydroxyanthranilic acid, and o-aminophenol inhibit leucine-stimulated insulin release from rat pancreatic islets. Rogers KS, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):275-8

PHYSIOLOGY

Starvation for ilvB operon leader amino acids other than leucine or valine does not increase acetohydroxy acid synthase activity in Escherichia coli. Tsui P, et al. **J Bacteriol** 1985 Jun;162(3):1314-6

THERAPEUTIC USE

Preliminary support for the oral administration of valine, isoleucine and leucine for phenylketonuria. Jordan MK, et al. **Dev Med Child Neurol** 1985 Feb;27(1):33-9

D-Amino acids influence ultrasonic calling in mice pups: effects of D-phenylalanine and D-leucine. Albonetti ME, et al. **Neurosci Lett** 1985 Jun 24;57(3):233-6

TOXICITY

L-Isoleucine and L-leucine are promoters of bladder cancer in rats. Kakizoe T, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:373-80

LEUCINE AMINOPEPTIDASE

ANALYSIS

[Personal experience with the detection of sperm using leucylaminopeptidase] Dobisiková M, et al. **Soud Lek** 1984 Nov;29(4):60-3 (Eng. Abstr.) **(Cze)**

[Medico-legal studies of leucine aminopeptidase. II. Enzymatic properties of leucine aminopeptidase occurring in human semen and certain species of plants] Fujisawa K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):311-8 (Eng. Abstr.) **(Jpn)**

[Medico-legal studies of leucine aminopeptidase. I. Enzymatic activities of leucine aminopeptidase and acid phosphatase occurring in human semen and certain species of plants] Fujisawa K. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):306-10 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Use of secondary isotope effects and varying pH to investigate the mode of binding of inhibitory amino aldehydes by leucine aminopeptidase. Andersson L, et al. **Biochemistry** 1985 Jan 15;24(2):330-3

Mechanistic implications of the inhibition of peptidases by amino aldehydes and bestatin. Frick L, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):311-8

BLOOD

Plasma angiotensin I and serum placental leucine aminopeptidase (P-LAP) in pre-eclampsia. Mizutani S, et al. **Arch Gynecol** 1985;236(3):165-72

Enzyme analysis and subcellular fractionation of human peripheral blood lymphocytes with special reference to the localization of putative plasma membrane enzymes. Shah T, et al. **Cell Biochem Funct** 1983 Jul;1(2):117-24

Comparative studies on the leucine aminopeptidase activity of different types of leukocytes. Nagaoka I, et al. **Comp Biochem Physiol [B]** 1984;79(2):147-51

Leucine aminopeptidase in gastrointestinal cancers. Mehrotra TN, et al. **J Assoc Physicians India** 1984 Jul;32(7):583-4

[Estimation of placental leucine aminopeptidase (P-LAP) in pregnancy sera] Akiyama H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec;36(12):2605-12 (Eng. Abstr.) **(Jpn)**

[The significance of serum leucine aminopeptidase (P-LAP) determination in the gynecological malignancies] Kobayashi H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):696-702 (Eng. Abstr.) **(Jpn)**

[Serum leucine aminopeptidase activity in suppurative diseases] Shimkevich LL, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):83-6 (Eng. Abstr.) **(Rus)**

[Leucine aminopeptidase in the differential diagnosis of viral hepatitis and mechanical jaundice] Dubovitskaia NM, et al. **Sov Med** 1984;(8):85-9 **(Rus)**

GENETICS

A new variant of serum leucine aminopeptidase in the mouse: its development and possible regulation. Finlay M, et al. **Biochem Genet** 1985 Feb;23(1-2):169-80

ISOLATION & PURIFICATION

Purification, preliminary characterization, and immunological comparison of hog lens leucine aminopeptidase (EC 3.4.11.1) with hog kidney and beef lens aminopeptidases. Oettgen HC, et al. **Anal Biochem** 1985 Apr;146(1):238-45

Leucine aminopeptidase from bovine lens and hog kidney. Comparison using immunological techniques, electron microscopy, and X-ray diffraction. Taylor A, et al. **J Biol Chem** 1984 Dec 10;259(23):14757-61

METABOLISM

Seminal plasma leucine aminopeptidase in male fertility. González Buitrago JM, et al. **Andrologia** 1985 Mar-Apr;17(2):139-42

Proteolytic activity in the placenta, decidua and postimplantation embryos of the rat. Fein A, et al. **Isr J Med Sci** 1985 Apr;21(4):394-6

Acid phosphatase and leucine aminopeptidase activity in the uterine flushings of non-pregnant and pregnant gilts. Zavy MT, et al. **J Reprod Fertil** 1984 Nov;72(2):503-7

Leucine aminopeptidase activity is diminished in aged hog, beef, and human lens. Taylor A. **Prog Clin Biol Res** 1985;180:299-302

[Leucine aminopeptidase activity in pain-induced emotional stress] Iakushev VS, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):69-71 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[Mechanism of oxygen exchange in the amide group of substrates during their hydrolysis catalyzed by leucine aminopeptidase and pepsin] Kapitannikov IuV, et al. **Bioorg Khim** 1983 Feb;9(2):228-31 (Eng. Abstr.) **(Rus)**

URINE

Leucine aminopeptidase from human urine. Antonucci A, et al. **Biochem Int** 1983 May;6(5):617-25

[Urinary enzyme excretion in cephalothin therapy in pregnancy] Balogh A, et al. **Zentralbl Gynakol** 1985;107(2):90-7 (Eng. Abstr.) **(Ger)**

[Intraoperative renal function and urinary beta 2-microglobulin and enzymes] Takehara Y, et al. **Masui** 1984 Sep;33(9):975-9 (Eng. Abstr.) **(Jpn)**

[Urinary enzyme excretion in nephropathia--with special reference to chance proteinuria and/or hematuria] Okura T, et al. **Nippon Jinzo Gakkai Shi** 1984 Jun;26(6):791-803 (Eng. Abstr.) **(Jpn)**

LEUCINE ENKEPHALIN see **ENKEPHALIN, LEUCINE**

LEUCOGENENOL see under **SPIRO COMPOUNDS**

LEUCOKININ see **TUFTSIN**

LEUCOMYCINS

CC-1065 transformations. Martin DG, et al. **J Antibiot (Tokyo)** 1985 Jun;38(6):746-52

Chemical modification of spiramycins. V. Synthesis and antibacterial activity of 3'- or 4''-de-N-methylspiramycin I and their N-substituted derivatives. Sano H, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):186-96

[Josamycin. Proceedings of the International Symposium on Josamycin. Milan, 5-6 March 1982] **G Ital Chemioter** 1982;29 Suppl 1:1-211 **(Ita)**

ADMINISTRATION & DOSAGE

[Josamycin in respiratory pathology in children being treated with theophylline] Vallarino G, et al. **G Ital Chemioter**

1982;29 Suppl 1:129-33 (Eng. Abstr.) **(Ita)**

ADVERSE EFFECTS

[Treatment of Parkinson's disease with high doses of bromocriptine. Possible interaction with josamycin (letter)] Montastruc JL, et al. **Presse Med** 1984 Oct 20;13(37):2267-8 **(Fre)**

[Transient monoclonal gammapathy and acute drug-induced hepatitis] Bruet A, et al. **Rev Med Interne** 1984 Nov; 5(4):367 **(Fre)**

[Hepatotoxic syndrome of the colostatic type caused by josamycin (letter)] Pecenco GL, et al. **Minerva Pediatr** 1984 Oct 15;36(19):979-80 **(Ita)**

[Drug fever caused by spiramycin (letter)] Senent Sánchez CJ, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):163 **(Spa)**

ANALYSIS

Josamycin chemical determination in biological fluids. Fourtillan JB, et al. **G Ital Chemioter** 1982;29 Suppl 1:103-8

BIOSYNTHESIS

Ammonium ions suppress the amino acid metabolism involved in the biosynthesis of protylonolide in a mutant of Streptomyces fradiae. Omura S, et al. **J Antibiot (Tokyo)** 1984 Nov;37(11):1362-9

BLOOD

A rapid and sensitive high-pressure liquid chromatographic method for monitoring josamycin levels in plasma. Ducci M, et al. **Int J Clin Pharmacol Res** 1984;4(3):195-9

CHEMICAL SYNTHESIS

Chemical modification of tylosin. Thioether derivatives of tylosin and demycarosyltylosin. Omura S, et al. **J Antibiot (Tokyo)** 1984 Sep;37(9):1007-15

N-Substituted derivatives of 23-amino-4',23-dideoxymycaminosyl tylonolide. Synthesis and antibacterial activity. Sakamoto S, et al. **J Antibiot (Tokyo)** 1985 Apr;38(4):477-84

Syntheses of 23-deoxy-23-N-ethyl-23-(2-fluoro-, 2,2-difluoro-, and 2,2,2-trifluoroethyl)amino derivatives of mycaminosyl tylonolide and 4'-deoxymycaminosyl tylonolide. Sakamoto S, et al. **J Antibiot (Tokyo)** 1984 Dec; 37(12):1628-34

HISTORY

Discovery of josamycin. Umezawa H. **G Ital Chemioter** 1982; 29 Suppl 1:1-10

IMMUNOLOGY

Asthma due to inhaled chemical agents--the macrolide antibiotic Spiramycin. Davies RJ, et al. **Clin Allergy** 1975 Mar;5(1):99-107

METABOLISM

Pharmacokinetics and metabolism of rosaramicin in humans. Lin CC, et al. **Antimicrob Agents Chemother** 1984 Oct; 26(4):522-6

Pharmacokinetics and sputum levels of josamycin after single and multiple administrations in bronchopneumopathic patients. Fraschini F, et al. **Int J Clin Pharmacol Res** 1983; 3(3):203-8

Comparison of liquid chromatographic and bioassay procedures for determining depletion of intramuscularly injected tylosin. Moats WA, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):413-6

The excretion of rosaramicin in breast milk. Stoehr GP, et al. **J Clin Pharmacol** 1985 Mar;25(2):89-94

Reaction of the antitumor antibiotic CC-1065 with DNA: structure of a DNA adduct with DNA sequence specificity. Hurley LH, et al. **Science** 1984 Nov 16;226(4676):843-4

[Photochemical affinity labeling of the macrolide binding site on the 70S E. coli ribosome] Siegrist S, et al. **C R Acad Sci [III]** 1984;299(3):49-51 (Eng. Abstr.) **(Fre)**

[The pharmacokinetics of josamycin] Wildfeuer A, et al. **Arzneimittelforsch** 1985;35(3):639-43 (Eng. Abstr.) **(Ger)**

[Microbiologic determination of tonsil and ocular levels of josamycin in hospitalized patients] Carlone NA, et al. **G Ital Chemioter** 1982;29 Suppl 1:77-83 (Eng. Abstr.) **(Ita)**

[Prostatic tissue levels of josamycin] Fagioli A, et al. **G Ital Chemioter** 1982;29 Suppl 1:85-7 (Eng. Abstr.) **(Ita)**

[Pharmacokinetics of josamycin in man and distribution in various compartments] Fraschini F, et al. **G Ital Chemioter** 1982;29 Suppl 1:69-76 (Eng. Abstr.) **(Ita)**

[Diffusibility of 2 macrolide antibiotics into human extravascular fluids] Magliulo E, et al. **G Ital Chemioter** 1982;29 Suppl 1:89-101 (Eng. Abstr.) **(Ita)**

[Pharmacokinetics of josamycin in liver cirrhosis] Okolicsanyi L, et al. **G Ital Chemioter** 1982;29 Suppl 1:171-4 (Eng. Abstr.) **(Ita)**

PHARMACODYNAMICS

Macrolide antibiotics and serum theophylline levels in relation to the severity of respiratory impairment: a comparison between the effects of erythromycin and josamycin. Bartolucci L, et al. **Chemioterapia** 1984 Oct; 3(5):286-90

Effect of subinhibitory concentrations of josamycin on the expression of M protein by group A streptococci. Lam C, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):279-81

Effect of receiving diets containing alfalfa and certain feed additives on performance of feeder pigs transported long distances. Brumm MC, et al. **J Anim Sci** 1985 Jul;61(1):9-17

Erythromycin and spiramycin resistance mutations of yeast mitochondria: nature of the rib2 locus in the large ribosomal RNA gene. Sor F, et al. **Nucleic Acids Res** 1984 Nov 26; 12(22):8313-8

Effect of tylosin on milk yield and dry matter intake of lactating dairy cows. Mackinnon JD, et al. **Vet Rec** 1984 Sep 15;115(11):278

[Absence of effect of josamycin on the pharmacokinetics of antipyrine] Cadot R, et al. **Therapie** 1984 Jul-Aug; 39(4):431-3 **(Fre)**

[Effect of josamycin on Toxoplasma gondii 'in vitro'] Carosi G, et al. **G Ital Chemioter** 1982;29 Suppl 1:55-67 (Eng. Abstr.) **(Ita)**

[Activity of josamycin against anaerobic bacteria] Privitera G, et al. **G Ital Chemioter** 1982;29 Suppl 1:39-44 (Eng. Abstr.) **(Ita)**

[Activity and antibiotic combinations of josamycin] Ravizzola G, et al. **G Ital Chemioter** 1982;29 Suppl 1:45-53 (Eng. Abstr.) **(Ita)**

[Macrolides: place of josamycin] Renzini G. **G Ital Chemioter** 1982;29 Suppl 1:25-31 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Comparative effects of cotrimoxazole (trimethoprim-sulphamethoxazole) and spiramycin in pregnant mice infected with Toxoplasma gondii (Beverley strain). Nguyen BT, et al. **Br J Pharmacol** 1985 Jul; 85(3):713-6

Comparative clinical study of josamycin and erythromycin in pertussis. Torre D, et al. **Chemioterapia** 1984 Aug; 3(4):255-7

Spiramycin and erythromycin in the treatment of acute tonsillo-pharyngitis: a comparative study. Soekrawinata T, et al. **Curr Med Res Opin** 1984;9(5):296-300

Treatment of acute tonsillo-pharyngitis: a comparative study of spiramycin and erythromycin. Suprihati, et al. **Curr Med Res Opin** 1984;9(3):192-6

Results of the clinical trials in France. Ghanassia JP. **G Ital Chemioter** 1982;29 Suppl 1:187-91

Clinical multicentre trial with josamycin propionate in paediatric patients. Privitera G, et al. **Int J Clin Pharmacol Res** 1984;4(3):201-7

Double-blind controlled trial in treatment of non-gonococcal urethritis by tetracycline and midecamycin. Charuwichitratana S, et al. **J Med Assoc Thai** 1984 Oct; 67(10):541-4

Comparison of the antimycoplasma activity of two commercially available tylosin premixes. Ose EE, et al. **Poult Sci** 1985 Feb;64(2):287-93

Women at risk for gonorrhea: comparison of rosaramicin and ampicillin plus probenecid in the eradication of Neisseria gonorrhoeae, Chlamydia trachomatis and genital mycoplasmas. Batteiger BE, et al. **Sex Transm Dis** 1985 Jan-Mar;12(1):1-4

[Experimental toxoplasmosis in mice. Comparative activity of clindamycin, midecamycin, josamycin, spiramycin, pyrimethamine-sulfadoxine, and trimethoprim-sulfamethoxazole] Garin JP, et al. **Ann Pediatr (Paris)** 1984 Nov;31(10):841-5 (Eng. Abstr.) **(Fre)**

[Haemophilus influenzae infections in infants and macrolides. Importance of the choice of an effective antibiotic and compliance with its administration schedule] Pesnel G, et al. **Pathol Biol (Paris)** 1985 May;33(5):426-9 (Eng. Abstr.) **(Fre)**

[Trial treatment of bovine dermatophilosis in Madagascar by injections of spiramycin] Ranaivoson A, et al. **Rev Elev Med Vet Pays Trop** 1984;37(3):260-7 (Eng. Abstr.) **(Fre)**

[Antimicrobial activity of josamycin in the respiratory tract] Wildfeuer A, et al. **Fortschr Med** 1985 Feb 21;103(7):155-8 (Eng. Abstr.) **(Ger)**

[Efficacy of spiramycin treatment in subclinical and clinically manifested Staphylococcus aureus mastitis in the udder of lactating cows] Ziv G, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):479-87 (Eng. Abstr.) **(Ger)**

[Josamycin in the treatment of infections of interest in childhood otorhinolaryngology] Andriani G, et al. **Clin Ter** 1985 May 31;113(4):295-9 (Eng. Abstr.) **(Ita)**

[Josamycin in urologic infections] Bartolotta G, et al. **G Ital Chemioter** 1982;29 Suppl 1:175-80 (Eng. Abstr.) **(Ita)**

[Use of a new macrolide in elderly patients] Bertoni L, et al. **G Ital Chemioter** 1982;29 Suppl 1:181-6 (Eng. Abstr.) **(Ita)**

[Experience in using josamycin in pediatrics] Careddu P, et al. **G Ital Chemioter** 1982;29 Suppl 1:141-6 (Eng. Abstr.) **(Ita)**

[Josamycin in streptococcal infections and pertussis] Cascio G, et al. **G Ital Chemioter** 1982;29 Suppl 1:135-9 (Eng. Abstr.) **(Ita)**

[Josamycin in the treatment of acne] Landi G. **G Ital Chemioter** 1982;29 Suppl 1:165-70 (Eng. Abstr.) **(Ita)**

[Clinical and pharmacologic studies conducted in Japan] Osono T. **G Ital Chemioter** 1982;29 Suppl 1:193-205 (Eng. Abstr.) **(Ita)**

[Josamycin in pneumonology: comparison of 2 different dosage schedules] Paradisi F, et al. **G Ital Chemioter** 1982; 29 Suppl 1:123-8 (Eng. Abstr.) **(Ita)**

[Controlled multicentric hospital experimentation in pediatrics: comparison between josamycin and erythromycin] Pavesio D, et al. **G Ital Chemioter** 1982;29 Suppl 1:147-53 (Eng. Abstr.) **(Ita)**

[Josamycin in the treatment of impetigo in childhood: comparison with erythromycin] Rampini E, et al. **G Ital Chemioter** 1982;29 Suppl 1:155-64 (Eng. Abstr.) **(Ita)**

[Effects of clindamycin and josamycin in experimental Toxoplasma gondii infections] Terragna A, et al. **Minerva Med** 1984 Oct 13;75(39):2305-8 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of TMS-19-Q, a new macrolide antibiotic, in otorhinolaryngological infections] Baba S, et al. **Jpn J Antibiot** 1985 Mar;38(3):595-614 (Eng. Abstr.) **(Jpn)**

[Clinical studies on TMS-19-Q.O tablet in respiratory tract infection] Hara K, et al. **Jpn J Antibiot** 1985 Mar; 38(3):553-74 (Eng. Abstr.) **(Jpn)**

[Clinical studies on TMS-19-Q.O tablets, the preparation of a new macrolide antibiotic, in the field of oral surgery] Sasaki J, et al. **Jpn J Antibiot** 1985 Mar;38(3):615-33 (Eng. Abstr.) **(Jpn)**

[Clinical and bacteriological evaluation of TMS-19-Q in superficial suppurative skin and soft tissue infection] Watanabe S, et al. **Jpn J Antibiot** 1985 Mar;38(3):575-94 (Eng. Abstr.) **(Jpn)**

[Comparative study of TMS-19-Q and midecamycin for respiratory tract infection by double-blind method] Kobayashi H, et al. **Kansenshogaku Zasshi** 1985 Feb; 59(2):201-26 (Eng. Abstr.) **(Jpn)**

TOXICITY

Effects of midecamycin acetate (miocamycin), a new macrolide antibiotic, on reproductive performances in rats and rabbits. Moriguchi M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1572-95

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part III-2. Chronic toxicity in beagle dogs: 13-week-treatment in male dogs. Yokota M, et al. **Jpn J Antibiot** 1984 Jul;37(7):1377-82

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part I-2. Acute toxicity in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Jul; 37(7):1317-20

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part II-1. Subacute toxicity in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Jul; 37(7):1321-32

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part III-3. Chronic toxicity in beagle dogs: 26-week-treatment in female dogs. Yokota M, et al. **Jpn J Antibiot** 1984 Jul;37(7):1383-98

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part III-1. Chronic toxicity in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Jul; 37(7):1355-75

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part I-1. Acute toxicity in mice. Yokota M, et al. **Jpn J Antibiot** 1984 Jul; 37(7):1313-6

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part II-2. Subacute toxicity in rabbits. Yokota M, et al. **Jpn J Antibiot** 1984 Jul;37(7):1333-54

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miokamycin). Part III-4. Chronic toxicity in beagle dogs: 26-week-treatment in male dogs. Yokota M, et al. **Jpn J Antibiot** 1984 Jul;37(7):1399-416

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-9. Toxicity of metabolites of miocamycin: subacute toxicity of Mb6 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1532-45

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-7. Toxicity of metabolites of miocamycin: acute toxicity of Mb6 in mice. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1526-8

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part VI-2. Acute toxicity in infant rats in comparison with young adult rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug;37(8):1569-71

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part VI-1. Acute toxicity in infant mice in comparison with young adult mice. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1565-8

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-1. Toxicity of metabolites of miocamycin: acute toxicity of Mb1 in mice. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1488-90

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-11. Toxicity of metabolites of miocamycin: acute toxicity of Mb12 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1549-51

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-3. Toxicity of metabolites of miocamycin: subacute toxicity of Mb1 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1494-506

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-5. Toxicity of metabolites of miocamycin: acute toxicity of Mb2 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug;37(8):1510-2

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-12. Toxicity of metabolites of miocamycin: subacute toxicity of Mb12 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1552-64

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-10. Toxicity of metabolites of miocamycin: acute toxicity of Mb12 in mice. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1546-8

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-4. Toxicity of metabolites of miocamycin: acute toxicity of Mb2 in mice. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1507-9

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-8. Toxicity of metabolites of miocamycin: acute toxicity of Mb6 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1529-31

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-2. Toxicity of metabolites of miocamycin: acute toxicity of Mb1 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug;37(8):1491-3

Toxicological studies on a new macrolide antibiotic, midecamycin acetate (miocamycin). Part IV-6. Toxicity of metabolites of miocamycin: subacute toxicity of Mb2 in rats. Yokota M, et al. **Jpn J Antibiot** 1984 Aug; 37(8):1513-25

LEUCONOSTOC

DRUG EFFECTS

Common occurrence of plasmid DNA and vancomycin resistance in Leuconostoc spp. Orberg PK, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1129-33

ENZYMOLOGY

Glucose-6-phosphate dehydrogenase from Leuconostoc mesenteroides is a reliable internal standard for radiation-inactivation studies of membranes in the frozen state. McIntyre JO, et al. **Anal Biochem** 1985 Jun; 147(2):468-77

Purification and characterization of NADH oxidase from a strain of Leuconostoc mesenteroides. Koike K, et al. **J Biochem (Tokyo)** 1985 May;97(5):1279-88

METABOLISM

Selection and microencapsulation of an 'NADH-oxidizing' bacterium and its use for NAD regeneration. Ergan F, et al. **Appl Biochem Biotechnol** 1984;10:61-71

PHYSIOLOGY

[Antagonism of Streptococcus, Lactobacillus and Leuconostoc strains from fresh, unpasteurized cheeses against various enteropathogenic bacteria] Fernandez Escartin E, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar; 26(1):47-51 (Eng. Abstr.) **(Spa)**

LEUCOTOMY see **PSYCHOSURGERY**

LEUCOVORIN see **CITROVORUM FACTOR**

LEUCYL-BETA-NAPHTHYLAMIDASE see under **LEUCINE AMINOPEPTIDASE**

LEUCYL T RNA SYNTHETASE see under **AMINO ACYL T RNA SYNTHETASES**

LEUKAPHERESIS

Apheresis in chronic inflammatory demyelinating polyneuropathy and in renal transplantation. Health and Public Policy Committee, American College of Physicians. **Ann Intern Med** 1985 Oct;103(4):630-3

Prolymphocytic leukemia treated by leukapheresis with relief of respiratory symptoms [letter] Shoaf F, et al. **Br J Haematol** 1985 Aug;60(4):766-8

High levels of circulating haemopoietic stem cells in very early remission from acute non-lymphoblastic leukaemia and their collection and cryopreservation. To LB, et al. **Br J Haematol** 1984 Nov;58(3):399-410

T-inducer lymphocytes, leukapheresis and the pathogenesis of rheumatoid arthritis. Wilder RL, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):89-91 (21 ref.)

Lymphapheresis in rheumatoid arthritis. The clinical and laboratory effects of a limited course of cell depletion. Yeadon C, et al. **Clin Exp Rheumatol** 1983 Apr-Jun; 1(2):119-24

Lymphocytapheresis in the treatment of rheumatoid arthritis: clinical and immunological studies. Indiveri F, et al. **Int J Artif Organs** 1985 May;8(3):147-54

Proceedings of the American Society for Apheresis Fifth Annual Apheresis Symposium: Current concepts and future trends. September 30-October 2, 1983. **J Clin Apheresis** 1984;2(1):1-150

Lymphapheresis in rheumatoid arthritis. Bunch TW, et al. **J Clin Apheresis** 1984;2(1):127-34

The need for randomized control trials. Chalmers TC. **J Clin Apheresis** 1984;2(1):105-11

Anticoagulation and electrolytes. Hester JP, et al. **J Clin Apheresis** 1984;2(1):41-51

Plasmapheresis versus lymphoplasmapheresis in rheumatoid arthritis: immunologic comparisons and literature review. Wallace DJ, et al. **J Clin Apheresis** 1984;2(2):184-9

Leukapheresis and pathogenetic mechanisms in rheumatoid arthritis. Wilder RL, et al. **J Clin Apheresis** 1984;2(1):112-8

Treatment of hairy cell leukemia by leukapheresis: when, how, and why [editorial] Yam LT. **J Clin Apheresis** 1984; 2(2):153-4

Loa loa: the use of a blood cell separator to reduce microfilaraemia before specific chemotherapy. Saeed AA, et ai. **J Infect** 1984 Sep;9(2):161-6

Biologic therapy of hairy cell leukemia. Quesada JR, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):507-10

Plasmaleukapheresis decreases fibronectin and alpha-1-antitrypsin concentrations in patients with acute renal transplant rejection. Gelfand MC, et al. **Trans Am Soc Artif Intern Organs** 1984;30:244-7

Lymphocytaplasmapheresis in Devic's syndrome. Aguilera AJ, et al. **Transfusion** 1985 Jan-Feb;25(1):54-6

Granulocyte concentrates: leukapheresis vs. bone marrow aspiration [letter] Jackson B. **Transfusion** 1984 Sep-Oct; 24(5):410-1

Leukapheresis in a patient with Sézary syndrome. Decaro JH, et al. **Vox Sang** 1984;47(4):276-9

[Leukocytopheresis in leukemia] Fiala J. **Vnitr Lek** 1985 Feb; 31(2):190-5 (Eng. Abstr.) **(Cze)**

[Changes in hemostasis in leukocyte donors] Malý J, et al. **Vnitr Lek** 1984 Nov;30(11):1078-82 (Eng. Abstr.) **(Cze)**

[Therapeutic leukapheresis in tricholeukocytic leukemia] Karsenty G, et al. **Ann Med Interne (Paris)** 1984; 135(6):449-51 (Eng. Abstr.) **(Fre)**

[The hyperleukocytic lung. Treatment by subtraction cytopheresis (letter)] Mahul P, et al. **Presse Med** 1984 Oct 6;13(35):2154 **(Fre)**

[Monitoring of lymphocyte classes and subclasses during lymphocyte plasmapheresis] Corridori S, et al. **Boll Ist Sieroter Milan** 1985;64(1):59-69 (Eng. Abstr.) **(Ita)**

[Lymphapheresis in rheumatoid polyarthritis] Nestor R, et al. **Rev Med Interna [Med Interna]** 1985 Jan-Feb;37(1):1-6 (27 ref.) **(Rum)**

[Polychemotherapy, hemosorption and blastapheresis in the treatment of patients with acute leukemia] Abdulkadyrov KM, et al. **Gematol Transfuziol** 1985 Apr;30(4):8-13 (Eng. Abstr.) **(Rus)**

[Changes in the colony-forming capacity of peripheral blood and bone marrow cells of patients with chronic myeloid leukemia undergoing therapeutic leukocytapheresis] Nikolova GG, et al. **Gematol Transfuziol** 1984 Oct; 29(10):44-8 (Eng. Abstr.) **(Rus)**

[Experience with using lymphocytoplasmapheresis in the urethro- oculosynovial syndrome] Gembitskii EV, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):6-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Adverse effects in donors and patients subjected to hemapheresis. Huestis DW. **J Clin Apheresis** 1984; 2(1):81-90

Apheresis donor safety--changes in humoral and cellular immunity. Strauss RG. **J Clin Apheresis** 1984;2(1):68-80

Immune function in blood donors following short-term lymphocytapheresis. Blanchette VS, et al. **Vox Sang** 1985; 49(2):101-9

INSTRUMENTATION

Granulocyte collection: a comparison of Fenwal CS 3000, IBM 2997, and haemonetics cell separators. Eckermann I, et al. **J Clin Apheresis** 1984;2(1):26-31

Leukapheresis: increasing the granulocyte yield with the Fenwal CS-3000. Loftus TJ, et al. **J Clin Apheresis** 1983; 1(2):109-14

The function and structure of granulocytes collected using the IBM 2997 separator. Wood L, et al. **J Clin Apheresis** 1984;2(2):190-4

Further evaluation of a new filter for leucocyte depletion of blood [letter] Johnson EJ, et al. **J Clin Pathol** 1984 Dec; 37(12):1415-6

Comparative function of centrifugal apheresis devices. Rock G, et al. **Vox Sang** 1985;48(3):136-42

Therapeutic cytapheresis using the Fenwal CS-3000 blood cell separator. Steeper TA, et al. **Vox Sang** 1985; 48(4):193-200

METHODS

Mononuclear cell collection using various techniques. Dowling R, et al. **J Clin Apheresis** 1984;2(1):32-40

Pharmacological effects produced by the acute and chronic administration of hydroxyethyl starch. Mishler JM **J Clin Apheresis** 1984;2(1):52-62

Modified fluid gelatin as a possible replacement for hydroxyethyl starch in granulocyte collection. Rock G **J Clin Apheresis** 1984;2(1):63-7

Granulocyte collection by continuous-flow centrifugation using arteriovenous shunts. Williams BM, et al. **J Clin Apheresis** 1984;2(2):206-9

Separation of lymphocytes, granulocytes, and monocytes from human blood using iodinated density gradient media. Bøyum A. **Methods Enzymol** 1984;108:88-102

Therapeutic leukapheresis in hairy cell leukemia: review of literature and personal experience. Yam LT, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):493-501

Lymphoplasmapheresis for acute systemic lupus erythematosis (SLE). Gluck O, et al. **Trans Am Soc Artif Intern Organs** 1984;30:678

Modified fluid gelatin. An alternative macromolecular agent for centrifugal leukapheresis. Huestis DW, et al. **Transfusion** 1985 Jul-Aug;25(4):343-8

Studies on low-dose hydroxyethyl starch leukapheresis. Rate of elimination of HES in vivo and function of the harvested granulocytes in vitro. Szymanski IO, et al. **Vox Sang** 1984; 47(5):325-9

[Peritoneal dialysis and leukopheresis in psoriasis: indications and contraindications] Glinski W, et al. **Hautarzt** 1985 Jan; 36(1):16-9 (Eng. Abstr.) **(Ger)**

[Sedimentation leukapheresis in the treatment of resistant forms of lymphocytic leukemia] Gola A, et al. **Pol Tyg Lek** 1985 May 20;40(20):561-3 (Eng. Abstr.) **(Pol)**

[Methods of continuous-flow centrifugation] Kalinin NN, et al. **Gematol Transfuziol** 1985 Jan;30(1):53-5 **(Rus)**

[Lymphocytopheresis and plasmapheresis in rheumatoid arthritis] Dubrovina NA, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):9-12 (Eng. Abstr.) **(Rus)**

STANDARDS

[Group for the Study of Immunohematology and Hemotherapy. Norms for the selection and care of platelet and granulocyte donors for pheresis technics] Puig LL, et al. **Sangre (Barc)** 1984;29(4-A):473-4 **(Spa)**

TRENDS

[New trends in cellular apheresis] Massuet i Bosch L. **Sangre (Barc)** 1984;29(4-C):664-7 (39 ref.) **(Spa)**

UTILIZATION

Apheresis in the pediatric patient. Kasprisin CA, et al. **J Clin Apheresis** 1984;2(1):91-4

LEUKEMIA

Management of malignant lymphoproliferative disorders of the nervous system. Williams CK. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):93-101

Hematologic malignancies associated with primary mediastinal germ-cell tumors. Nichols CR, et al. **Ann Intern Med** 1985 May;102(5):603-9

Annual congress of the Austrian and German Societies of Hematology and Oncology. Ulm, October 7th-10th, 1984. Abstracts. **Blut** 1984 Sep;49(3):221-95

Modern trends in human leukemia VI. Wilsede, June 17-21, 1984. Heil G, et al. **Blut** 1985 May;50(5):307-13

Clinical diversity in adult T-cell leukemia-lymphoma. Takatsuki K, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4644s-4645s

Clinical spectrum of human retroviral-induced diseases. Urba WJ, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4637s-4643s (68 ref.)

Fourteenth annual meeting of the International Society for Experimental Hematology. 14-18 July, 1985, Jerusalem, Israel. Abstracts. **Exp Hematol** 1985 May;13(5):315-474

Modern trends in human leukemia VI. New results in clinical and biological research including pediatric oncology. **Hamatol Bluttransfus** 1985;29:1-521

14th annual UCLA symposia. Leukemia 1985 January 27-February 2, 1985. Abstracts. **J Cell Biochem [Suppl]** 1985;9A:75-130

Oral ketoconazole and amphotericin B for the prevention of yeast colonization in patients with acute leukaemia [letter] Looker DN. **J Hosp Infect** 1984 Dec;5(4):459

Computers in paediatrics. 9. Computerisation of the leukemia registry. Tay JS, et al. **J Singapore Paediatr Soc** 1984; 26(1-2):35-40

Hodgkin-cell leukaemia of B-cell origin [letter] Wright DH. **Lancet** 1985 Feb 9;1(8424):339

Homing receptors as functional markers for classification, prognosis, and therapy of leukemias and lymphomas. Kamenov B, et al. **Proc Soc Exp Biol Med** 1984 Nov; 177(2):211-9 (24 ref.)

[Leukocytopheresis in leukemia] Fiala J. **Vnitr Lek** 1985 Feb; 31(2):190-5 (Eng. Abstr.) **(Cze)**

ANALYSIS

Monoclonal antibodies to glycoproteins of Vinca alkaloid-resistant human leukemic cells. Danks MK, et al. **Cancer Res** 1985 Jul;45(7):3220-4

Relationship of queuine-lacking transfer RNA to the grade of malignancy in human leukemias and lymphomas. Emmerich B, et al. **Cancer Res** 1985 Sep;45(9):4308-14

Distribution and content of nuclear and cellular RNA among cell populations of acute lymphoblastic and nonlymphoblastic leukemia. Walle AJ. **Cancer Res** 1985 Oct;45(10):5193-5

Detection of pX proteins in human T-cell leukemia virus (HTLV)-infected cells by using antibody against peptide deduced from sequences of X-IV DNA of HTLV-I and Xc DNA of HTLV-II proviruses. Miwa M, et al. **Gann** 1984 Sep;75(9):752-5

Interleukin-2 receptor (Tac antigen) expressed on adult T cell leukemia cells. Uchiyama T, et al. **J Clin Invest** 1985 Aug;76(2):446-53

Endogenous somatostatin-like peptides of rat basophilic leukemia cells. Goetzl EJ, et al. **J Immunol** 1985 Oct;135(4):2707-12

Glucocorticoid receptors in leukemia cells: an appraisal. Bell R, et al. **Leuk Res** 1984;8(6):919-28 (57 ref.)

BLOOD

Human bone marrow fibroblast proliferation and GM-CFC colony formation in patients with acute leukemia. Lieberman D, et al. **Acta Haematol (Basel)** 1984;72(5):309-14

Biological significance of nonlymphocytic oligoblastic leukemia. Cytokinetic behavior of dividing granulocytic precursors in 11 patients. Sánchez-Fayos J, et al. **Acta Haematol (Basel)** 1984;72(2):105-10

Intracellular Ca2+ buffering potentiates an 86Rb+ permeability response in human lymphocytes. Heikkilä R, et al. **Acta Physiol Scand** 1985 Jun;124(2):247-51

Changes in cellular ferritin content during myeloid differentiation of human leukemic cell lines. Fibach E, et al. **Am J Hematol** 1985 Feb;18(2):143-51

Chronic anemia progressing to Auer rod-positive and TdT-positive acute leukemia with 5q- chromosomal anomaly. Xavier AM, et al. **Am J Hematol** 1984;17(4):409-16

Expression of vimentin intermediate filament cytoskeleton in acute nonlymphoblastic leukemias. Dellagi K, et al. **Blood** 1985 Jun;65(6):1444-52

Antithrombin III levels in acute leukemia [letter] Galloway MJ, et al. **Blood** 1985 Feb;65(2):505

Fibronectin C in acute leukaemia [letter] Nalli G, et al. **Br J Haematol** 1985 May;60(1):198-200

High levels of circulating haemopoietic stem cells in very early remission from acute non-lymphoblastic leukaemia and their collection and cryopreservation. To LB, et al. **Br J Haematol** 1984 Nov;58(3):399-410

Differential expression of ganglioside GD3 by human leukocytes and leukemia cells. Siddiqui B, et al. **Cancer Res** 1984 Nov;44(11):5262-5

Serum bactericidal activity as a therapeutic guide in severely granulocytopenic patients with gram-negative septicemia. Martino P, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):439-45

Efficient cell proliferation and predominant accumulation of epsilon-globin mRNA in human leukemic K562 cells which produce mostly Hb Gower 1. Gambari R, et al. **Experientia** 1985 May 15;41(5):673-5

A simple mathematical method revealing the early stage of acute leukemia in patients with cytopenias. Jaworkowsky LI, et al. **Folia Haematol (Leipz)** 1984;111(5):701-6

Monoclonal and heteroantibody reacting with different antigens common to human blast cells and monocytes. Billing R, et al. **Hybridoma** 1982;1(3):303-11

Serum ceruloplasmin levels in patients of leukaemias, Hodgkin's and non-Hodgkin's lymphomas. Aggarwal AK, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):347-52

Cytosine arabinoside transport and metabolism in acute leukemias and T cell lymphoblastic lymphoma. Wiley JS, et al. **J Clin Invest** 1985 Feb;75(2):632-42

Inverse relationship between constitutive gamma interferon production and human T-cell lymphoma/leukemia virus expression in cultured T lymphocytes. Moore JL, et al. **J Virol** 1985 Feb;53(2):440-6

Studies on microheterogeneity of intracellular transcobalamins of blood cells in special reference to leukemia. Urai H, et al. **Kobe J Med Sci** 1985 Feb;31(1):39-61

Heterogeneity of peripheral blood T-cell colony-forming cells in patients with T-cell malignancies. Georgoulias V, et al. **Leuk Res** 1984;8(6):1025-36

The systemic effect of cancers on human sera proton NMR relaxation times. Beall PT, et al. **Magn Reson Imaging** 1984;2(2):83-7

Diminished sensitivity of platelet aggregation to prostaglandin D2 in patients with myeloproliferative disorders and in patients with acute leukemia. Wong P, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):147-54

Procoagulant cellular activity and disseminated intravascular coagulation in acute non-lymphoid leukaemia. Guarini A, et al. **Scand J Haematol** 1985 Feb;34(2):152-6

Range and clinical significance of the number of myeloid-committed stem cells in the blood of patients with acute leukaemia in remission. Hinterberger W, et al. **Scand J Haematol** 1984 Sep;33(3):244-51

Serum immunosuppressive acidic protein in adult T-cell leukaemia (ATL). Tagawa S, et al. **Scand J Haematol** 1985 May;34(5):360-9

Cell membrane complex carbohydrates in leukemia: glycoproteins in hairy cell and other leukemias. Klock JC, et al. **Semin Oncol** 1984 Dec;11(4):422-6

High fibrinopeptide A (FPA) levels in acute non-lymphocytic leukemia are reduced by heparin administration. Gugliotta L, et al. **Thromb Haemost** 1984 Dec 29;52(3):301-4

Defective fibrin crosslinking in acute leukemia. Rodeghiero F, et al. **Thromb Haemost** 1984 Dec 29;52(3):343-6

[Electrolyte changes in acute leukemia in childhood] Gadner H, et al. **Padiatr Padol** 1985;20(2):117-26 (Eng. Abstr.) **(Ger)**

[Prediction of remission in adult acute leukemia--the application of LDH/LCBM Index in a remission predictive model] Miyachi H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1626-9 (Eng. Abstr.) **(Jpn)**

[Interferon production using the peripheral leukocytes of leukemic children] Nemirovskaia BM, et al. **Eksp Onkol** 1984;6(2):60-2 (Eng. Abstr.) **(Rus)**

[Plasma concentrations of aldosterone and dehydroepiandrosterone in leukemia patients] Goncharova ND, et al. **Gematol Transfuziol** 1984 Oct;29(10):48-51 (Eng. Abstr.) **(Rus)**

[Chemiluminescence of blood and bone marrow cells in children with leukemia] Korkina LG, et al. **Gematol Transfuziol** 1985 Mar;30(3):24-8 (Eng. Abstr.) **(Rus)**

[Acute basophilic leukemia] Perilov AA, et al. **Ter Arkh** 1985;57(5):146-9 **(Rus)**

[Changes in hormone concentrations in the blood of patients with malignant diseases of the blood] Pekić B, et al. **Srp Arh Celok Lek** 1984 May;112(5):549-57 (Eng. Abstr.) **(Scc)**

[Serum levels of beta 2-microglobulin in malignant hemopathies] López Fernández A, et al. **Sangre (Barc)** 1985;30(3):320-9 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Cerebrospinal fluid concentrations of cytosine arabinoside during intravenous therapy with intermediate dose: a preliminary report. van Prooijen HC, et al. **Br J Haematol** 1985 Jan;59(1):188-90

Beta 2-microglobulin levels in cerebrospinal fluid of children with leukemia and lymphoma. Pudek MR, et al. **Clin Biochem** 1985 Jun;18(3):180-3

[Cerebrospinal fluid cytology in adults with acute leukemia] Hou XD. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun;17(3):163-5 (Eng. Abstr.) **(Chi)**

CHEMICALLY INDUCED

Acute nonlymphocytic leukemia following treatment of testicular cancer and gastric cancer with combination chemotherapy not including alkylating agents: report of two cases. Pedersen-Bjergaard J, et al. **Am J Hematol** 1985 Apr;18(4):425-9

Malignancies due to occupational exposure to benzene. Aksoy M. **Am J Ind Med** 1985;7(5-6):395-402

Benzene as a leukemogenic and carcinogenic agent. Aksoy M. **Am J Ind Med** 1985;8(1):9-20

Projections of leukemia risk associated with occupational exposure to benzene. Infante PF, et al. **Am J Ind Med** 1985;7(5-6):403-13 (31 ref.)

Risk of acute nonlymphocytic leukemia and preleukemia in patients treated with cyclophosphamide for non-Hodgkin's lymphomas. Comparison with results obtained in patients treated for Hodgkin's disease and ovarian carcinoma with other alkylating agents. Pedersen-Bjergaard J, et al. **Ann Intern Med** 1985 Aug;103(2):195-200

SCE induction by cytostatics and its relation to iatrogenic leukemogenesis. Raposa T. **Basic Life Sci** 1984;29 Pt B:859-84

Risk of leukaemia associated with cancer chemotherapy [editorial] Whitehouse JM. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):261-3

Erythrocyte mean corpuscular volume during cytotoxic therapy and the risk of secondary leukemia. de Gramont A, et al. **Cancer** 1985 Feb 1;55(3):493-5

Multiple myeloma terminating in acute eosinophilic leukemia. Maeda K, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):81-9

Study of erythrocyte mean corpuscular volume during cytotoxic therapy as a predictive parameter of the risk of secondary leukemia in Hodgkin's disease. de Gramont A, et al. **Cancer Treat Rep** 1984 Dec;68(12):1467-70

Malignancies induced by chlorambucil. Palmer RG, et al. **Cancer Treat Rev** 1984 Jun;11(2):121-9 (69 ref.)

Incidence, previous treatment and chromosome characteristics of secondary acute non-lymphocytic leukemia. Pedersen-Bjergaard J. **Cancer Treat Rev** 1985 Mar;12(1):65-75 (66 ref.)

Acute leukaemia related to chlorambucil therapy for juvenile chronic arthritis. Palmer RG, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):81-3

Leukemogenesis related to chemotherapy of ovarian carcinoma: a review with three new case reports. Littleton RE, et al. **Gynecol Oncol** 1984 Nov;19(3):268-77 (40 ref.)

Therapy-related leukemia: a necessary complication of successful systemic chemotherapy? Canellos GP. **J Clin Oncol** 1984 Oct;2(10):1077-9

Leukemia following treatment of germ cell tumors in men [letter] Pedersen-Bjergaard J, et al. **J Clin Oncol** 1985 Jun;3(6):885-7

Infant leukemia and paternal exposure to motor vehicle exhaust fumes. Vianna NJ, et al. **J Occup Med** 1984 Sep;26(9):679-82

Acute leukemia in rheumatoid arthritis treated with cytotoxic agents. Seidenfeld AM, et al. **J Rheumatol** 1984 Oct;11(5):586-7

The application of epidemiology to the prevention of occupational cancer. Landrigan PJ, et al. **J Toxicol Clin Toxicol** 1984;22(3):209-38 (35 ref.)

Guidelines for handling parenteral antineoplastics [letter] Randall ME, et al. **JAMA** 1985 Aug 23-30;254(8):1033-4

Response of therapy-associated acute nonlymphocytic leukemia to intensive induction chemotherapy. Duane SF, et al. **Med Pediatr Oncol** 1985;13(4):207-13

Carmustine as a cause of acute nonlymphocytic leukemia [letter] Greene MH, et al. **N Engl J Med** 1985 Aug 29;313(9):579

Lymphoid malignancies in Nebraska: a hypothesis. Weisenburger DD. **Nebr Med J** 1985 Aug;70(8):300-5

[Leukemias secondary to cytotoxic therapy. Study of 29 cases in Quebec and Montreal] de Gramont A, et al. **Union Med Can** 1985 Apr;114(4):334-7 (Eng. Abstr.) **(Fre)**

[Secondary leukemia following chemotherapy of various malignancies] Abe T, et al. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1543-52 (Eng. Abstr.) **(Jpn)**

[Benzene and leukemias and malignant lymphomas] Lisiewicz J, et al. **Pol Tyg Lek** 1985 May 20;40(20):584-8 (40 ref.) **(Pol)**

[Debatable questions of the leukemogenic (blastomogenic) action of benzine] Sokolov VV, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):21-6 (68 ref.) (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Automated cytochemistry in acute leukemias. A new approach to the FAB classification based on cell distribution pattern. d'Onofrio G, et al. **Acta Haematol (Basel)** 1984;72(4):221-30

Reproducibility of the French-American-British classification of acute leukemia: the Southwest Oncology Group Experience. Head DR, et al. **Am J Hematol** 1985 Jan;18(1):47-57

Criteria for the diagnosis of acute leukemia of megakaryocyte lineage (M7). A report of the French-American-British Cooperative Group. Bennett JM, et al. **Ann Intern Med** 1985 Sep;103(3):460-2

FAB M7: acute megakaryoblastic leukemia--beyond morphology. Bloomfield CD, et al. **Ann Intern Med** 1985 Sep;103(3):450-2

Characterization of acute undifferentiated leukemia by combined analysis of plasma membrane-associated gamma-glutamyltranspeptidase and soluble terminal transferase. Heumann D, et al. **Blood** 1985 Aug;66(2):255-8

Institutional performance in application of the FAB classification of acute leukemia. The Southwest Oncology Group experience. Head DR, et al. **Cancer** 1985 May 1;55(9):1979-86

Variation in the clinical courses of adult T-cell leukemia. Kawano F, et al. **Cancer** 1985 Feb 15;55(4):851-6

Preliminary communication on leukaemia cell markers in Kenya. Dearden CE. **Leuk Res** 1985;9(6):753-4

T-cell receptor gene rearrangements as markers of lineage and clonality in T-cell neoplasms. Flug F, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3460-4

Hairy cell leukemia: its place among the chronic B cell leukemias. Jansen J, et al. **Semin Oncol** 1984 Dec;11(4):386-93

[Monoclonal antibodies in the diagnosis of acute leukemia] Matolcsy A, et al. **Orv Hetil** 1985 Jun 16;126(24):1459-60, 1463-6 (Eng. Abstr.) **(Hun)**

[FAB classification of acute leukemia of children] Bessho F, et al. **Rinsho Ketsueki** 1984 Jun;25(6):835-43 (Eng. Abstr.) **(Jpn)**

[Phenotypic analysis of leukemia using monoclonal antibody] Chen PF, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1218-25 **(Jpn)**

[Evaluation of the FAB classification of acute leukemia] Ino T, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1788-95 (Eng. Abstr.) **(Jpn)**

[Acute leukemia in Venezuela. Study of the frequency of subtypes of acute leukemia by the FAB classification in the State of Zulia] de Salvo L, et al. **Sangre (Barc)** 1984;29(6):973-80 (Eng. Abstr.) **(Spa)**

[Atypical and controversial forms of chronic myeloid leukemia] Rodríguez Fernández JM, et al. **Sangre (Barc)** 1984;29(4-B):629-44 (102 ref.) **(Spa)**

COMPLICATIONS

Adult T-cell leukemia complicated by hypercalcemia. Report of three autopsy cases with special reference to the etiologic factor of hypercalcemia. Haratake J, et al. **Acta Pathol Jpn** 1985 Mar;35(2):437-48

Treatment of Pneumocystis carinii pneumonitis. A comparative trial of sulfamethoxazole-trimethoprim v pentamidine in pediatric patients with cancer: report from the Children's Cancer Study Group. Siegel SE, et al. **Am J Dis Child** 1984 Nov;138(11):1051-4

Discriminant scorecard for diagnosis of invasive pulmonary aspergillosis in patients with acute leukemia. Gerson SL, et al. **Am J Med** 1985 Jul;79(1):57-64

Systemic candidiasis in cancer patients. Maksymiuk AW, et al. **Am J Med** 1984 Oct 30;77(4D):20-7

Supportive care for children with cancer. Guidelines of the Childrens Cancer Study Group. Managing the problem of hyperleukocytosis in acute leukemia. Ablin AR. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):287-90 (21 ref.)

Acute non-lymphocytic leukemia in a lymph node concurrent with Hodgkin's lymphoma. Silberman S, et al. **Ann Clin Lab Sci** 1985 Jan-Feb;15(1):83-7

Crusted (Norwegian) scabies with adult T-cell leukemia. Suzumiya J, et al. **Arch Dermatol** 1985 Jul;121(7):903-4

Leukemia-associated arthritis: identification of leukemic cells in synovial fluid using monoclonal and polyclonal antibodies. Harden EA, et al. **Arthritis Rheum** 1984 Nov;27(11):1306-8

The role of tissue thromboplastin in the development of DIC accompanying neoplastic diseases. Gonmori H, et al. **Bibl Haematol** 1983;(49):23-39

Water supply as a source of Pseudomonas aeruginosa in a hospital for hematological malignancies. Martino P, et al. **Boll Ist Sieroter Milan** 1985;64(2):109-14

Hyperleucocytic leukaemias [letter] Dalton RG. **Br J Haematol** 1985 Apr;59(4):727-8

Adult T-cell leukemia-lymphoma with mediastinal involvement and an asymptomatic chronic phase. Amato D, et al. **Can Med Assoc J** 1984 Sep 15;131(6):595-600

Monoclonal gammopathies in adult T-cell leukemia. Matsuzaki H, et al. **Cancer** 1985 Sep 15;56(6):1380-3

Odynophagia in patients with malignant disorders. Slee GR, et al. **Cancer** 1985 Jun 15;55(12):2877-9

Necrotizing granulomatous splenitis complicating leukemia in childhood. Walker DA, et al. **Cancer** 1985 Jul 15;56(2):371-3

Pulmonary complications in patients with adult T-cell leukemia. Yoshioka R, et al. **Cancer** 1985 May 15;55(10):2491-4

Fungal infections in hematological neoplastic disease: the possibility of chemoprophylaxis. Fanci R, et al. **Chemioterapia** 1984 Oct;3(5):310-5

Nocturnal myoclonus--a sleep disturbance in children with leukemia [letter] Kotagal S, et al. **Dev Med Child Neurol** 1985 Feb;27(1):124-6

C-reactive protein for detection and follow-up of bacterial and fungal infections in severely neutropenic patients with acute leukaemia. Timonen TT, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):557-62

Cefotaxime plus amikacin as empiric therapy in the treatment of febrile episodes in neutropenic patients with hematologic malignancies. Martino P, et al. **Infection** 1985 May-Jun;13(3):125-9

Disseminated candidiasis caused by a sucrose-negative variant of Candida tropicalis. Ahearn DG, et al. **J Clin Microbiol** 1984 Aug;20(2):187-90

Invasive pulmonary aspergillosis in adult acute leukemia: clinical clues to its diagnosis. Gerson SL, et al. **J Clin Oncol** 1985 Aug;3(8):1109-16

Clostridium difficile in haematological malignancy. Rampling A, et al. **J Clin Pathol** 1985 Apr;38(4):445-51

Oral ketoconazole and amphotericin B for the prevention of yeast colonization in patients with acute leukaemia [letter] Pollock AV, et al. **J Hosp Infect** 1984 Sep;5(3):340-1

Bacterial translocation and gram-negative bacteremia in patients with hematological malignancies. Tancrède CH, et al. **J Infect Dis** 1985 Jul;152(1):99-103

Viral infections in childhood leukemia. Wood DJ, et al. **J Infect Dis** 1985 Aug;152(2):266-73

Immune thrombocytopenia associated with acute nonlymphocytic leukemia. Amylon MD, et al. **J Pediatr** 1984 Nov;105(5):776-8

Epidural spinal cord compression as the initial finding in childhood acute leukemia and non-Hodgkin lymphoma. Pui CH, et al. **J Pediatr** 1985 May;106(5):788-92

Mycotic cervical lymphadenitis following oral mucositis in children with leukemia. Shenep JL, et al. **J Pediatr** 1985 Feb;106(2):243-6

Gingival lesions in leukemia. A classification. Barrett AP. **J Periodontol** 1984 Oct;55(10):585-8

A case of adult T-cell leukemia initiated with central nervous system symptoms. Aoyagi K, et al. **Jpn J Clin Oncol** 1984 Dec;14([illegible]-90

Evidence of bone resorption-stimulating factor in adult T-cell leukemia. Fujihira T, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):385-91

Association between Bell's palsy and lymphoid malignancies. Cartwright RA, et al. **Leuk Res** 1985;9(1):31-3

Computerized tomography in the diagnosis of systemic candidiasis in patients with acute leukemia. Linker CA, et al. **Med Pediatr Oncol** 1984;12(6):380-5

Acute and chronic hepatitis in childhood leukemia: a multicentric study from the Italian Pediatric Cooperative Group for Therapy of Acute Leukemia (AIL-AIEOP). Locasciulli A, et al. **Med Pediatr Oncol** 1985;13(4):203-6

Hemorrhagic complications. Belzer MB. **Minn Med** 1985 Mar;68(3):221-3

Major complications of leukemia. Oken MM. **Minn Med** 1984 Nov;67(11):631-2

Infectious disease complications of acute leukemia. Pathogenesis, therapy, and prevention. Peterson PK. **Minn Med** 1985 Jan;68(1):25-7, 22

Life-threatening gastrointestinal complications of leukemia. Hunter TB, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):508-15

Adult T-cell leukemia and polyneuropathy. A case report. Okamura S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1344-50

Orofacial aspergillosis in acute leukemia. Dreizen S, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):499-504

Detection of bacteremia in leukemic patients by early subcultures with a slide blood culture system. Richet H, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):213-6

Acute leukemia characterized by trisomy 8 in Down's syndrome. Broomhead AF, et al. **Pathology** 1985 Jan;17(1):111-4

Pyoderma gangrenosum in myelodysplasia and acute leukaemia. Jacobs P, et al. **Postgrad Med J** 1985 Aug;61(718):689-94

Selective decontamination of the digestive tract for the prevention of infection in acute leukemia. Dekker A, et al. **Prog Clin Biol Res** 1985;181:251-3

A randomized trial of oral vancomycin in neutropenic patients. Guyotat D, et al. **Prog Clin Biol Res** 1985;181:263-5

Forecast of antibiotic susceptibility of translocating strains of enterobacteria and pseudomonas in leukemic neutropenic patients. Tancrède CH, et al. **Prog Clin Biol Res** 1985;181:275-7

[Fiberoptic bronchoscopy in the diagnosis of leukemic pulmonary lesions] Hu HC. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):490-2 (Eng. Abstr.) **(Chi)**

[Oral manifestations in patients with hematologic diseases--analysis of 1,005 cases] Pan XY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):39-41 **(Chi)**

[Hyperuricemic acute renal failure due to lymphoma and leukemia--report of 4 cases] Zhang JH. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):566-8 (Eng. Abstr.) **(Chi)**

[Pulmonary changes in leukemia and their complications] Kreuzberg B. **Cesk Radiol** 1984 Sep;38(5):334-42 (Eng. Abstr.) **(Cze)**

[Incidence of tuberculosis associated with hematologic malignancies] Hejlová N, et al. **Vnitr Lek** 1984 Nov;30(11):1083-7 (Eng. Abstr.) **(Cze)**

[Megakaryoblastic leukemia with hypodiploidy in a girl with trisomy 21] Stoll C, et al. **Ann Pediatr (Paris)** 1985 Jun;32(6):521-3 (Eng. Abstr.) **(Fre)**

[Arthritis disclosing acute leukosis in adults. Apropos of 4 personal cases] Meyer R, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):255-8 **(Fre)**

[Deep mycoses in leukemias and malignant lymphomas] Donhuijsen K, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):903-7 (Eng. Abstr.) **(Ger)**

[Hepatitis B endemic in leukemic children(letter)] Willems WR, et al. **Dtsch Med Wochenschr** 1984 Dec 14;109(50):1941 **(Ger)**

[Reactivation of tuberculosis in leukemias and malignant lymphomas under immunosuppressive therapy] Hennemann HH, et al. **Internist (Berlin)** 1985 Jun;26(6):352-6 **(Ger)**

[Prognosis of surviving children with neurologic complications in the intensive phase of leukemia treatment] Korinthenberg R, et al. **Klin Padiatr** 1985 May-Jun;197(3):192-5 (Eng. Abstr.) **(Ger)**

[Leukemic ophthalmopathy: results of a retrospective analysis by the Italian Pediatric Group for the Study of Acute Leukemia] Lo Curto M, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):143-7 (Eng. Abstr.) **(Ita)**

[Experience in combination therapy with amikacin and cephapirin for infections complicated with acute leukemia during induction chemotherapy] Hasegawa S, et al. **Jpn J Antibiot** 1984 Sep;37(9):1631-6 (Eng. Abstr.) **(Jpn)**

[An evaluation of antimicrobial removal device to isolate bacteria from bacteremic patients with hematological disorders] Nakazawa H, et al. **Jpn J Antibiot** 1984 Jul;37(7):1272-8 (Eng. Abstr.) **(Jpn)**

[Effect of cefminox on severe infections accompanying hematological diseases] Saito T, et al. **Jpn J Antibiot** 1985 Jan;38(1):114-20 (Eng. Abstr.) **(Jpn)**

[Clinical experience of sisomicin sulfate by intravenous drip infusion for the treatment of infection complicated by malignant disease] Tamura K, et al. **Jpn J Antibiot** 1984 Jul;37(7):1237-40 (Eng. Abstr.) **(Jpn)**

[Clinical investigation of cefotiam in combination with aminoglycoside or (and) penicillin against complicated infections with hematopoietic disorders] Uno N, et al. **Jpn J Antibiot** 1984 May;37(5):807-16 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation on SM-4300 for severe infections complicated with hematological disorders--a comparative study with cross-over method] Shiku H, et al. **Kansenshogaku Zasshi** 1984 Dec;58(12):1338-51 (Eng. Abstr.) **(Jpn)**

[Roentgenographic manifestations of opportunistic pulmonary aspergillosis. Investigation by inflated fixed lung specimen] Nagasaki M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25;44(12):1513-9 (Eng. Abstr.) **(Jpn)**

[Infection in patients with acute leukemia] Funada H, et al. **Rinsho Byori** 1984 Sep;32(9):959-66 **(Jpn)**

[Hemorrhage in the cases with leukemia] Sakuragawa N, et al. **Rinsho Byori** 1984 Sep;32(9):954-8 (13 ref.) **(Jpn)**

[Ultrasonography and CT in the diagnosis of multiple hepatic lesions during the remission of acute leukemia] Itoh K, et al. **Rinsho Hoshasen** 1984 Aug;29(8):841-7 (Eng. Abstr.) **(Jpn)**

[Adult T-cell leukemia with disseminated herpes simplex virus infection treated with acyclovir] Horiike S, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1867-72 (Eng. Abstr.) **(Jpn)**

[The causes of death in severe hematologic disorders. Increasing fatal fungal infection in hematologic malignancies] Kawano F, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1065-72 (Eng. Abstr.) **(Jpn)**

[Three cases of acute leukemia with the development of fungus balls in the lung during remission induction therapy] Shirota T, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1462-5 (Eng. Abstr.) **(Jpn)**

[Two cases of adult T cell leukemia complicated with Pneumocystis carinii pneumonia] Yamaguchi Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1686-91 (Eng. Abstr.) **(Jpn)**

[Acyclovir (Zovirax) in the treatment of Herpesvirus infections in children with neoplasms] Kubiczek K, et al. **Pol Tyg Lek** 1984 May 28;39(22):755-7 (Eng. Abstr.) **(Pol)**

[Partial red-cell aplasia of the bone marrow associated with hemoblastoses] Idel'son LI, et al. **Gematol Transfuziol** 1984 Oct;29(10):33-7 (Eng. Abstr.) **(Rus)**

[Risk of developing acute leukemia in patients with aplastic anemia] Shtobbe Kh, et al. **Gematol Transfuziol** 1984 Oct;29(10):41-4 (Eng. Abstr.) **(Rus)**

[Case of acute leukemia complicated by tuberculous sepsis] Kosheva ZI. **Klin Med (Mosk)** 1985 Mar;63(3):114-6 **(Rus)**

[Hemorrhagic syndrome in acute leukemia] Petrov MN, et al. **Klin Med (Mosk)** 1984 Jul;62(7):69-74 **(Rus)**

[Prevention of hemorrhagic complications in surgical interventions in the maxillofacial area in acute leukemia patients] Dmitrieva VS, et al. **Vestn Khir** 1984 Dec;133(12):84-5 (Eng. Abstr.) **(Rus)**

[Use of levamisole for preventing and treating infectious complications in acute leukemia patients] Stakovetskaia ZS, et al. **Vrach Delo** 1984 Aug;(8):54-6 (Eng. Abstr.) **(Rus)**

[Use of acyclovir in the treatment of herpes infections in patients with malignant hemopathies] Ruvidić R, et al. **Srp Arh Celok Lek** 1984 May;112(5):591-7 (Eng. Abstr.) **(Scc)**

[Clinical presentation of infection in the granulocytopenic patient with acute leukemia. Analysis of 95 episodes of documented infection] Noguerado Asensio A, et al. **Sangre (Barc)** 1984;29(3):259-66 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Immunocytochemical diagnosis of acute leukemia with pleural involvement. Janckila AJ, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):67-72

Could beta-2-microglobulin be a useful diagnostic tool in malignant lymphoma and other haematological malignancy? Krč I, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:231-8

Immunoperoxidase determination of terminal deoxynucleotidyl transferase in acute leukemia using PAP and ABC methods: experience in 102 cases. Lanham GR, et al. **Am J Clin Pathol** 1985 Mar;83(3):366-70

The distribution of euchrysine-binding grains of the peripheral and bone marrow stem cells in different types of acute leukemia. Mdzewski B, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):677-83

Leukaemia diagnosis in Zimbabwe. Harrison D, et al. **Cent Afr J Med** 1984 Sep;30(9):169-71

Leukemia cutis presenting as a chronic herpes zoster ulceration. Mikesell JF, et al. **Cleve Clin Q** 1984 Winter;51(4):667-9

Monoclonal antibodies against immunoglobulin classes as standardizable reagent in B-cell lymphoma and leukemia diagnosis. Ernst M, et al. **Dev Biol Stand** 1984;57:325-9

Significance of cytochemical stains in the diagnosis of leukaemia in the African population as seen at Kenyatta National Hospital. Riyat MS, et al. **East Afr Med J** 1984 Sep;61(9):681-6

'Pan-myeloid' reagent: the monoclonal antibody MCS-2 in the routine immunodiagnostic service of leukemia phenotyping. Drexler HG, et al. **Gann** 1985 Mar;76(3):235-9

Beta-hexosaminidase isoenzyme I: an early marker of hematopoietic malignancy. Gaedicke G, et al. **Hamatol Bluttransfus** 1985;29:187-9

Discrimination of leukemias, lymphomas, and non-neoplastic controls by retroviral serum markers. Hehlmann R, et al. **Hamatol Bluttransfus** 1985;29:207-14

Leukocyte common antigen--a diagnostic discriminant between hematopoietic and nonhematopoietic neoplasms in paraffin sections using monoclonal antibodies: correlation with immunologic studies and ultrastructural localization. Kurtin PJ, et al. **Hum Pathol** 1985 Apr;16(4):353-65

Hodgkin's lymphoma presenting as hypereosinophilia syndrome. Singh RP, et al. **J Assoc Physicians India** 1984 Jun;32(6):528-9

Sonographic findings in leukemic renal disease. Kumari-Subaiya S, et al. **JCU** 1984 Oct;12(8):465-72

Rearrangement of the T-cell-receptor beta-chain gene in the diagnosis of lymphoproliferative disorders. O'Connor NT, et al. **Lancet** 1985 Jun 8;1(8441):1295-7

Significance of immunological, cytochemical and immunohistochemical methods in the diagnosis of malignant lymphomas. Mioduszewska O, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):44-9

Knowledge acquisition for expert systems: experience in leukaemia diagnosis. Fox J, et al. **Methods Inf Med** 1985 Apr;24(2):65-72

Clinical manifestations of acute leukemia. Lobell M. **Minn Med** 1985 May;68(5):357-60

Asymptomatic bone marrow infiltration by blast cells [letter] Woessner S, et al. **N Engl J Med** 1985 Apr 25;312(17):1129

One-micron plastic sections of human peripheral blood and bone marrow specimens and peroxidase cytochemistry: use in the differential diagnosis of acute leukemias. Monahan RA, et al. **Pathol Annu** 1985;20 Pt 1:383-401

Simultaneous demonstration of nonspecific esterase and chloroacetate esterase in human blood cells. Lam KW, et al. **Stain Technol** 1985 May;60(3):169-72

Prognostic evaluation of early detection of relapse in adult acute leukemia. Kawamura S, et al. **Tohoku J Exp Med** 1984 Sep;144(1):77-82

[Human B cell antigens and their implication in B cell tumors] Ishii Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):383-5 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by enzymatic assay method and its clinical application. I. Urinary polyamines in patients with hematologic malignancies] Nagoshi H, et al. **Rinsho Byori** 1984 Jul;Spec No 59:123-30 **(Jpn)**

[Morphological diagnosis of acute leukemia and allied disorders] Tanimoto K, et al. **Rinsho Byori** 1984 Sep;32(9):939-45 **(Jpn)**

[Hypereosinophilia syndrome or eosinophilic leukemia?] Przybylowski J, et al. **Pol Arch Med Wewn** 1985 Feb;73(2):123-7 (Eng. Abstr.) **(Pol)**

[Identification of the forms of human leukemia using polyclonal antibodies to erythroblast antigen] Ievleva ES, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):234-7 (Eng. Abstr.) **(Rus)**

[A panel of monoclonal antibodies and antisera for the diagnosis of human hemoblastoses] Baryshnikov AIu, et al. **Dokl Akad Nauk SSSR** 1985;282(3):753-9 **(Rus)**

[Leukemic lesions of the major duodenal papilla] Edemskii AI. **Gematol Transfuziol** 1985 Apr;30(4):55-6 **(Rus)**

[Possibility of using the 'Hemalog D' automatic blood analyzer for the differential diagnosis of hemoblastoses] Lebedeva NB, et al. **Gematol Transfuziol** 1985 Feb;30(2):50-4 **(Rus)**

[Systemic diseases at a tuberculosis clinic] Marga OIa, et al. **Probl Tuberk** 1985;(2):27-31 (Eng. Abstr.) **(Rus)**

[Various aspects of the classification, clinical course and diagnosis of monocytoid and histiocytoid hemoblastoses] Tomilov AF, et al. **Ter Arkh** 1985;57(2):106-11 (Eng. Abstr.) **(Rus)**

[IKO-GM-1 monoclonal antibodies in the diagnosis of acute nonlymphoblastic leukemias] Kryzhanov MA, et al. **Vopr Onkol** 1985;31(7):79-83 (Eng. Abstr.) **(Rus)**

[Chronic leukemia. Present status of diagnosis and therapy] Ristić M, et al. **Srp Arh Celok Lek** 1983 Sep-Oct;111(9-10):1393-412 (Eng. Abstr.) **(Scc)**

[Morphologic diagnosis of leukemia] Crepinko I. **Bilt Hematol Transfuz** 1982;10(2-3):61-70 **(Scr)**

[Diagnosis and treatment of acute leukemia] Ristić MS. **Bilt Hematol Transfuz** 1982;10(2-3):27-50 **(Scr)**

[Initial clinical and hematological aspects of leukemia in children] Vargas L, et al. **Rev Chil Pediatr** 1984 May-Jun;55(3):149-56 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

A therapeutic trial with low-dose cytarabine in myelodysplastic syndromes and acute leukemia. Inbal A, et al. **Acta Haematol (Basel)** 1985;73(2):71-4

Results of therapy in adult acute nonlymphoblastic leukemia: experience in Jerusalem, Israel, during 1975-1982. Naparstek E, et al. **Acta Haematol (Basel)** 1985;73(1):11-5

Sequential combination of methotrexate and vindesine in previously treated children with acute leukemia. A phase I-II study. Miller LP, et al. **Am J Clin Oncol** 1984 Oct;7(5):465-70

Low-dose arabinosyl cytosine in acute leukemia after a myelodysplastic syndrome and in elderly leukemia. Alessandrino EP, et al. **Am J Hematol** 1985 Oct;20(2):191-3

Treatment of patients with acute nonlymphocytic leukemia in relapse: a Leukemia Intergroup study. Goldberg J, et al. **Am J Hematol** 1985 Jun;19(2):167-76

Prospective randomized trial of antibiotic prophylaxis in acute leukemia. Bodey GP, et al. **Am J Med** 1985 Mar;78(3):407-16

Oral trimethoprim/sulfamethoxazole in attempt to prevent infection after induction chemotherapy for acute leukemia. Henry SA, et al. **Am J Med** 1984 Oct;77(4):663-6

Leukemogenesis and differentiation. Sachs L. **Annu Rev Med** 1985;36:177-84

Treatment of acute non-lymphocytic leukemia in Saitama Cancer Center. Sampi K, et al. **Anticancer Res** 1985 May-Jun;5(3):293-6

High rate of long-term survival in adult acute leukemia following ten-day chemotherapy (OAP) induction. Maintenance with chemotherapy or chemotherapy plus BCG vaccine. Hewlett JS, et al. **Arch Intern Med** 1985 Jun;145(6):1006-12

Low dose cytarabine in acute non-lymphoblastic leukemia or myelodysplastic syndrome: report of six cases and review of the literature. Vincent PC, et al. **Aust NZ J Med** 1985 Feb;15(1):10-5

Synthesis and evaluation of 2,4-diaminoquinazoline antifolates with activity against methotrexate-resistant human tumor cells. Schornagel JH, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3251-5

Clinical pharmacology of low-dose cytosine arabinoside. Spriggs D, et al. **Blood** 1985 May;65(5):1087-9

Two-cycle timed-sequential chemotherapy for adult acute nonlymphocytic leukemia. Vaughan WP, et al. **Blood** 1984 Nov;64(5):975-80

High-dose cytosine arabinoside and daunorubicin as consolidation therapy for acute nonlymphocytic leukemia in first remission: a pilot study. Wolff SN, et al. **Blood** 1985 Jun;65(6):1407-11

Intravenous and oral demethoxydaunorubicin (NSC 256-439) in the treatment of acute leukemia and lymphoma: a pilot study. Eridani S, et al. **Blut** 1985 Jun;50(6):369-72

Successful chemotherapy with deoxycoformycin in adult T-cell lymphoma-leukaemia. Daenen S, et al. **Br J Haematol** 1984 Dec;58(4):723-7

Assessment of the drug sensitivity of acute nonlymphocytic leukaemia using the in vitro clonogenic assay. Preisler HD, et al. **Br J Haematol** 1984 Dec;58(4):633-40

4-Demethoxydaunorubicin (Idarubicin) in refractory or relapsed acute leukemias. A pilot study. Carella AM, et al. **Cancer** 1985 Apr 1;55(7):1452-4

Secondary non-hematopoietic cancers arising following treatment of hematopoietic disorders. Krause JR, et al. **Cancer** 1985 Feb 1;55(3):512-5

Management of children with isolated testicular leukemia. Smith SD, et al. **Cancer** 1984 Dec 15;54(12):2854-8

Remission from central nervous system involvement in adults with acute leukemia. Effect of intensive therapy and prognostic factors. Stewart DJ, et al. **Cancer** 1985 Aug 1;56(3):632-41

Low-dose cytosine arabinoside treatment for acute nonlymphocytic leukemia in elderly patients. Tilly H, et al. **Cancer** 1985 Apr 15;55(8):1633-6

Low-dose cytosine arabinoside (Ara-C) therapy in the myelodysplastic syndromes and acute leukemia. Winter JN, et al. **Cancer** 1985 Aug 1;56(3):443-9

Kinetics and sensitivity of daunorubicin in patients with acute leukemia. DeGregorio MW, et al. **Cancer Chemother Pharmacol** 1984;13(3):230-4

Phase II trial of vincristine infusion in acute leukemia. Jackson DV Jr, et al. **Cancer Chemother Pharmacol** 1985;14(1):26-9

Cytotoxicity of the alkyl-linked lipoidal amine 4-aminomethyl-1-[2,3-(di-n-decyloxy)-n-propyl]-4-phen (CP-46,665) in cells from human tumors and leukemias. Berdel WE, et al. **Cancer Res** 1985 Mar;45(3):1206-13

Phase I and II clinical and pharmacological study of 4-demethoxydaunorubicin (idarubicin) in adult patients with acute leukemia. Daghestani AN, et al. **Cancer Res** 1985 Mar;45(3):1408-12

Analysis of glucocorticoid-resistant human leukemic cells by somatic cell hybridization. Harmon JM, et al. **Cancer Res** 1985 Apr;45(4):1587-93

Potent antileukemic activity of the novel cytostatic agent avarone and its analogues in vitro and in vivo. Müller WE, et al. **Cancer Res** 1985 Oct;45(10):4822-6

Metabolic basis of arabinonucleoside selectivity for human leukemic T- and B-lymphoblasts. Verhoef V, et al. **Cancer Res** 1985 Aug;45(8):3646-50

Modulation of 1-beta-D-arabinofuranosylcytosine metabolism by thymidine in human acute leukemia. Zittoun R, et al. **Cancer Res** 1985 Oct;45(10):5186-92

Treatment of acute leukemia with amsacrine and high-dose cytarabine. Arlin ZA, et al. **Cancer Treat Rep** 1985 Sep;69(9):1001-2

Phase I-II trial of mitoxantrone in acute leukemia. Arlin ZA, et al. **Cancer Treat Rep** 1985 Jan;69(1):61-4

Contrasting benefits of two maintenance programs following identical induction in children with acute nonlymphocytic leukemia: a report from the Childrens Cancer Study Group. Baehner RL, et al. **Cancer Treat Rep** 1984 Oct;68(10):1269-72

Clinical evidence of a cumulative effect of high-dose cytarabine on the cerebellum in patients with acute leukemia: a leukemia intergroup report [letter] Benger A, et al. **Cancer Treat Rep** 1985 Feb;69(2):240-1

Amsacrine in refractory acute leukemia. Griffin JD, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):787-9

Phase I evaluation of beta-2'-deoxythioguanosine in pediatric patients with leukemia. Higgins GR, et al. **Cancer Treat Rep** 1985 Jun;69(6):699-701

Cyclophosphamide/etoposide: effective reinduction therapy for children with acute nonlymphocytic leukemia in relapse. Kalwinsky DK, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):887-9

Aclarubicin in the treatment of acute nonlymphocytic leukemia refractory to treatment with daunorubicin and cytarabine: a phase II trial. Pedersen-Bjergaard J, et al. **Cancer Treat Rep** 1984 Oct;68(10):1233-8

Use of decline in D-xylose absorption to predict infection following intensive chemotherapy. Pegues DA, et al. **Cancer Treat Rep** 1984 Dec;68(12):1489-91

Phase I trial of mitoxantrone in children. Ungerleider RS, et al. **Cancer Treat Rep** 1985 Apr;69(4):403-7

Phase I-II evaluation of carminomycin in adults with acute leukemia. Debusscher L, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):31-4

Amsacrine: a new drug for hematological malignancies [editorial] McCredie KB. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):1-3

Human serum megakaryocyte colony-stimulating activity increases in response to intensive cytotoxic chemotherapy. Mazur EM, et al. **Exp Hematol** 1984 Sep;12(8):624-8

Effect of 4-demethoxydaunorubicin (4-DMDR) in chronic myeloid leukemia in blastic transformation and relapsed acute leukemias. Bandini G, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):155-9

Amsacrine alone or in combination with 5-azacytidine and etoposide in refractory or relapsed acute non lymphoblastic leukemia (ANLL). Carella AM, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):39-43

4-Demethoxydaunorubicin (idarubicin) in refractory or relapsed acute leukemias [letter] Carella AM, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):767-8

Sequential vincristine, arabinosylcytosine and daunomycin in acute leukemia: a preliminary report [letter] Riccardi A, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):184

Mechanisms of drug resistance in human leukemia. Bertino JR, et al. **Hamatol Bluttransfus** 1985;29:90-5

Treatment of leukemia with low dose Ara-C: a study of 159 cases. Castaigne S, et al. **Hamatol Bluttransfus** 1985;29:56-9

Summary overview of clinical session. Clarkson B. **Hamatol Bluttransfus** 1985;29:96-101

Risk groups in a multicenter pilot study for treatment of acute lymphoblastic and acute undifferentiated leukemia in adults. Hoelzer D, et al. **Hamatol Bluttransfus** 1985;29:48-50

The epipodophyllotoxin VP16-213 in combination chemotherapy for adults with acute nonlymphoblastic leukaemia. Jacobs P. **Hamatol Bluttransfus** 1985;29:70-4

Long-term survivors of adult acute nonlymphocytic leukemia: fact or fiction? Rosenthal DS, et al. **Hamatol Bluttransfus** 1985;29:44-7

Multiple hepatic lesions during acute leukemia remissions. Ito K, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):177-87

Semisynthetic deoxyharringtonine for treating leukemia in mice and humans. Cao LX, et al. **Int J Cell Cloning** 1984 Sep;2(5):327-33

Phase I-II trial of mitoxantrone in acute leukemia: an interim report. Arlin ZA, et al. **Invest New Drugs** 1985;3(2):213-7

Phase I trial of Idarubicin (4-demethoxydaunorubicin) in adult acute leukemia. Hayat M, et al. **Invest New Drugs** 1984;2(4):375-9

A phase II study of mitoxantrone in acute leukemia. Masaoka T, et al. **Invest New Drugs** 1985;3(2):197-201

Mitoxantrone in the treatment of relapsed and refractory acute leukemia. Meyer P, et al. **Invest New Drugs** 1985;3(2):203-6

Sequential studies on the role of mitoxantrone in the treatment of acute leukemia. Prentice HG, et al. **Invest New Drugs** 1985;3(2):207-12

Mitoxantrone in refractory acute leukemia in children: a phase I study. Starling KA, et al. **Invest New Drugs** 1985;3(2):191-5

Hypomagnesaemia: an underdiagnosed interaction between gentamicin and cytotoxic chemotherapy for acute non-lymphoblastic leukaemia. Davey P, et al. **J Antimicrob Chemother** 1985 May;15(5):623-8

Observations on the toxicity of the combination of gentamicin and mezlocillin in the treatment of patients with acute leukaemia. Rankin EM, et al. **J Antimicrob Chemother** 1984 Oct;14(4):411-21

Combination amsacrine and high-dose cytosine arabinoside in acute leukemia [letter] Arlin ZA. **J Clin Oncol** 1985 Jan;3(1):128

How much is too much high-dose cytosine arabinoside? [editorial] Duffy TP. **J Clin Oncol** 1985 May;3(5):601-3

Cerebellar toxicity following high-dose cytosine arabinoside. Dworkin LA, et al. **J Clin Oncol** 1985 May;3(5):613-6

In vitro sensitivity of myeloblast clonogenic cells to doxorubicin, aclacinomycin A, and 4'-O-tetrapyranyl-doxorubicin: correlations with clinical responses. Georgoulias V, et al. **J Clin Oncol** 1984 Nov;2(11):1215-22

High-dose cytosine arabinoside therapy with and without anthracycline antibiotics for remission reinduction of acute nonlymphoblastic leukemia. Herzig RH, et al. **J Clin Oncol** 1985 Jul;3(7):992-7

Continuous infusion high-dose cytosine arabinoside in refractory childhood leukemia. Ochs J, et al. **J Clin Oncol** 1984 Oct;2(10):1092-7

Homoharringtonine as a new antileukemic agent [editorial] Ohnuma T, et al. **J Clin Oncol** 1985 May;3(5):604-6

Homoharringtonine: an effective new drug for remission induction in refractory nonlymphoblastic leukemia. Warrell RP Jr, et al. **J Clin Oncol** 1985 May;3(5):617-21

Sequential high-dose cytosine arabinoside-asparaginase treatment in advanced childhood leukemia. Wells RJ, et al. **J Clin Oncol** 1985 Jul;3(7):998-1004

Successful treatment of acute non-lymphoblastic leukemia in a state-supported hospital. Small V, et al. **J La State Med Soc** 1984 Nov;136(11):45-6

Antineoplastic effect of the xanthine derivative Trental. Biddle W, et al. **J Med** 1984;15(5-6):355-66

Synthesis of the antileukemic agents 5,10-dideazaaminopterin and 5,10-dideaza-5,6,7,8-tetrahydroaminopterin. Taylor EC, et al. **J Med Chem** 1985 Jul;28(7):914-21

Hepatitis B virus markers in children with acute leukemia: the effect of chemotherapy. Locasciulli A, et al. **J Med Virol** 1985 Jan;15(1):29-33

Chemotherapy of acute leukemia in adults. Yamada K. **Jpn J Med** 1985 Feb;24(1):73-5

Monitoring the remission induction therapy of acute nonlymphoblastic leukemia by bone marrow cell culture criteria. Bohinjec J, et al. **Leuk Res** 1985;9(3):369-73

Idarubicin alone or in combination with cytarabine and etoposide (3 + 3 + 5 protocol) in acute non-lymphoblastic leukaemia [letter] Carella AM, et al. **Leuk Res** 1985;9(5):631

Sister chromatid exchanges in leukaemic children receiving chemotherapy. Kowalczyk J. **Mater Med Pol** 1984 Jan-Mar;16(1):50-2

Phase I study of VP-16 (etoposide) and amsacrine (AMSA) in the treatment of refractory acute leukemia. Letendre L, et al. **Med Pediatr Oncol** 1985;13(4):232-4

Cytoenzymochemical changes in acute leukemia cells under cytostatic treatment. Rădulescu E. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):205-10

Probable cures of adult acute leukemia using short term intensive investigational chemotherapy. Vaughan WP, et al. **Nebr Med J** 1984 Aug;69(8):264-8

Treatment of refractory leukemia with high-dose cytosine arabinoside. Klener P, et al. **Neoplasma** 1985;32(1):113-7

Phase I and early phase II study of PL-AC [N4-palmitoyl-(1-beta-D-arabinofuranosyl) cytosine] on hematopoietic malignancies. Takubo T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):1-7

Proliferation kinetics and prediction of chemotherapeutic effect in adult acute leukemia according to the FAB classification. Tsubaki K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1322-9

Symposium on infections in the compromised host. The leukemias. Newman KA. **Nurs Clin North Am** 1985 Mar;20(1):227-34

A pilot study of epidoxorubicin (NSC 256942) in combination treatment of acute leukaemia and non-Hodgkin's lymphoma. Eridani S, et al. **Oncology** 1984;41(6):383-6

Mitoxantrone in the treatment of relapsed and refractory acute leukemia. Ehninger G, et al. **Onkologie** 1985 Jun;8(3):146-8

Adverse histopathologic effects of chemotherapeutic agents in childhood leukemia and lymphoma. Wiedrich T, et al. **Pediatr Pathol** 1984;2(3):267-83

Low dose cytosine arabinoside in the treatment of acute non-lymphocytic leukaemia. Jensen MK, et al. **Scand J Haematol** 1985 Mar;34(3):261-3

Dose-related pharmacologic effects of high-dose ara-C and its self-potentiation. Capizzi RL, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):65-74 (63 ref.)

Sequential high-dose ara-C and asparaginase in the therapy of previously treated and untreated patients with acute leukemia. Capizzi RL, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):105-13 (45 ref.)

Treatment of leukemia with low-dose ara-C: a study of 160 cases. Degos L, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):196-9

Sequential high-dose cytosine arabinoside and L-asparaginase in childhood leukemia in relapse. Ettinger LJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):155-9

High-dose cytosine arabinoside and daunomycin as primary therapy for adults with acute nonlymphoblastic leukemia: a pilot study. Forman SJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):114-6

Studies on the cytotoxicity of cytosine arabinoside. Haanen C, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):120-9 (37 ref.)

High-dose cytosine arabinoside and mAMSA induction and consolidation in patients with previously untreated de novo acute nonlymphocytic leukemia: Phase I Pilot Study for the Eastern Cooperative Oncology Group. Hines JD, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):117-9

Low-dose cytosine arabinoside in the treatment of acute nonlymphoblastic leukemia and myelodysplastic syndromes. Hoelzer D, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):208-11

Continuous infusion of high-dose cytosine arabinoside for treatment of childhood acute leukemia and non-Hodgkin's lymphoma in relapse. Jones GR, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):150-4

Evolution of clinical studies with high-dose cytosine arabinoside at the M.D. Anderson Hospital. Keating MJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):98-104

Cellular and clinical pharmacology of low-dose ara-C. Kufe DW, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):200-7 (33 ref.)

Intensive postremission therapy in adults with acute nonlymphocytic leukemia with ara-C by continuous infusion or bolus administration: preliminary results of a CALGB phase I study. Mayer RJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):84-90

Drug sensitivity test for patients with acute leukemia on high-dose ara-C therapy. Momparler RL, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):31-3

Mitoxantrone in the treatment of relapsed and refractory acute leukemia. Moore JO, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):41-6

Mitoxantrone as a single agent and in combination chemotherapy in patients with refractory acute leukemia. Paciucci PA, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):36-40

Pharmacologically directed ara-C therapy for refractory leukemia. Plunkett W, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):20-30

The treatment of patients with acute nonlymphocytic leukemia in remission. Preisler HD, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):91-7

Mitoxantrone in relapsed and refractory acute leukemia. Prentice HG, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):32-5

In vitro and in vivo assessment of sensitivity to ara-C in myeloid leukemias. Raza A, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):9-19

High-dose cytosine arabinoside in the treatment of resistant acute leukemia. Takaku F, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):144-9

Selected studies of daunorubicin in adult acute nonlymphocytic leukemia. Wiernik PH. **Semin Oncol** 1984 Dec;11(4 Suppl 3):12-4

Autopsy findings after prolonged catheterization of the right atrium for chemotherapy in acute leukemia. Reed WP, et al. **Surg Gynecol Obstet** 1985 May;160(5):417-20

Advances in the treatment of acute leukemia. Weiss GB. **Tex Med** 1985 Apr;81(4):40-2

Hypercoagulable state induced by combination chemotherapy in patients with acute leukemia [letter] Niiya K, et al. **Thromb Haemost** 1984 Jul 29;51(3):409

[Differential classification of 150 cases of acute leukemia by traditional Chinese medicine and their prognosis] Ma FS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):480-1 **(Chi)**

[Clinical study on the use of lithium carbonate in the attenuation of granulocytopenia and infection during combination chemotherapy of malignant blood diseases] Da WM. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):28-30, 63 (Eng. Abstr.) **(Chi)**

[Application of bis-diketopiperazine in the treatment of acute leukemia and other malignant blood disorders] Yang QE, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):17-20 (Eng. Abstr.) **(Chi)**

[High doses of cytosine arabinoside--a new use for an old drug] Klener P. **Cas Lek Cesk** 1984 Jul 20;123(29):907 **(Cze)**

[Ketoconazole in the prevention of mycotic complications during cytostatic treatment of leukemias and lymphomas] Krčová V, et al. **Vnitr Lek** 1985 Jun;31(6):567-71 (Eng. Abstr.) **(Cze)**

[Acute non-lymphoblastic leukemia in children. Therapeutic results apropos of 52 cases] Bertheas MF, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):733-8 (Eng. Abstr.) **(Fre)**

[The leukemias] Fillet G. **Rev Med Liege** 1984 Nov 15;39(22):781-7 **(Fre)**

[Results of high-dose cytarabine therapy. A review] Gassmann W, et al. **Onkologie** 1985 Feb;8(1):8-15 (Eng. Abstr.) **(Ger)**

[Experiences with HD-Ara C treatment in leukemia patients] Jehn U. **Onkologie** 1985 Feb;8(1):37-8 (Eng. Abstr.) **(Ger)**

[Non-hematologic toxicity in high-dose cytarabine therapy] Kuse R, et al. **Onkologie** 1985 Feb;8(1):20-2 (Eng. Abstr.) **(Ger)**

[High-dose cytarabine treatment in acute leukemias and leukemic meningiosis: clinical aspects and pharmacokinetics] Nowrousian MR, et al. **Onkologie** 1985 Feb;8(1):26-32 (Eng. Abstr.) **(Ger)**

[Results of therapy with high-dose cytosine arabinoside] Pralle H, et al. **Onkologie** 1985 Feb;8(1):48, 50-2 (Eng. Abstr.) **(Ger)**

[High-dose cytosine arabinoside] Seeber S. **Onkologie** 1985 Feb;8(1):57-8 **(Ger)**

[Principles of high-dose cytarabinoside treatment] Seeber S. **Onkologie** 1985 Feb;8(1):4-7 (Eng. Abstr.) **(Ger)**

[Prognostic factors and new drugs in acute non-lymphoblastic leukemia (editorial)] Levy A, et al. **Harefuah** 1983 Oct 16;105(8):236-8 **(Heb)**

[SM-108] Uzuka Y, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):757-66 (Eng. Abstr.) **(Jpn)**

[Immunotherapy with bestatin for acute non-lymphocytic leukemia (ANLL) in adults] Kurita S, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2742-50 (Eng. Abstr.) **(Jpn)**

[Phase II trial of mitoxantrone in patients with relapsed and refractory acute leukemia] Sampi K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1453-7 (Eng. Abstr.) **(Jpn)**

[Phase II study of methyl 6-[3-(2-chloroethyl)-3-nitrosoureido]-6-deoxy-alpha-D-(MCNU).] Tanaka I, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):493-8 (Eng. Abstr.) **(Jpn)**

[Symposium on treatment of cancer. 1. Chemotherapy of acute leukemia in adults] Yamada K. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1585-9 (8 ref.) **(Jpn)**

[Chemotherapy of acute leukemia] Nakamura T, et al. **Rinsho Byori** 1984 Sep;32(9):967-74 (22 ref.) **(Jpn)**

[Failures of remission induction in adult acute leukemia] Honda T, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1060-4 (Eng. Abstr.) **(Jpn)**

[Treatment of acute childhood leukemia. A new protocol 811 for the high risk group of acute lymphocytic leukemia (Phase III study)] Mimaya J, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1190-6 (Eng. Abstr.) **(Jpn)**

[FAB classification, response to therapy, and survival in adult patients with acute leukemia (report II)] Moriyama Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1587-93 (Eng. Abstr.) **(Jpn)**

[Chemotherapy of acute non-lymphocytic leukemia in relapse] Murakami H, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1052-9 (Eng. Abstr.) **(Jpn)**

[Acute pancreatitis during the treatment of BH-AC AMP regimen for acute non-lymphocytic leukemia] Orozawa Y, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1766-71 (Eng. Abstr.) **(Jpn)**

[Low-dose cytosine arabinoside (Ara-C) continuous infusion regimen for atypical nonlymphocytic leukemia--clinical study of the remission mechanism by serial chromosomal findings, colony formation and plasma Ara-C concentration] Tagawa M, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1606-17 (Eng. Abstr.) **(Jpn)**

[High-dose cytosine arabinoside in acute leukemia: a cooperative study] Urabe A, et al. **Rinsho Ketsueki** 1985 Feb;26(2):184-8 (Eng. Abstr.) **(Jpn)**

[High-dose cytosine arabinoside therapy in refractory acute leukemia] Yorimitsu S, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1941-6 (Eng. Abstr.) **(Jpn)**

[Results of polychemotherapy in adult patients with acute leukemia] Faĭnshteĭn FE, et al. **Gematol Transfuziol** 1984 Nov;29(11):3-7 (Eng. Abstr.) **(Rus)**

[Induction of cellular differentiation in the treatment of acute leukemias: preliminary report of the use of low doses of cytosine arabinoside for the induction of remission] Marín-López A, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):247-51 (Eng. Abstr.) **(Spa)**

[Induction of remission by sequential treatment with cytosine arabinoside (araC/high dose) and L-asparaginase] Martín-Aragonés G, et al. **Sangre (Barc)** 1985;30(1):15-21 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Terminal deoxynucleotidyl transferase-positive acute leukemias evolving from a myelodysplastic syndrome. Brusamolino E, et al. **Am J Hematol** 1985 Oct;20(2):187-90

Adenosine deaminase (ADA) in leukemia: clinical value of plasma ADA activity and characterization of leukemic cell ADA. Morisaki T, et al. **Am J Hematol** 1985 May;19(1):37-45

Assay of hybrid ribonuclease using a membrane filter-immobilized synthetic hybrid: application to the human leukemic cell. Papaphilis AD, et al. **Anal Biochem** 1985 Feb 15;145(1):160-9

alpha-L-Fucosidase activity and isoenzyme characteristics analyzed by chromatofocusing in normal and leukemic lymphocytes. Orlacchio A, et al. **Anticancer Res** 1984 Nov-Dec;4(6):431-4

Myeloperoxidase and terminal deoxynucleotidyl transferase in leukemic cells [letter] Cattoretti G. **Blood** 1985 Jan;65(1):249-50

Cytochemistry of dipeptidylaminopeptidase IV and II in normal and neoplastic lymphoid cells. Invernizzi R, et al. **Blut** 1985 May;50(5):277-85

Terminal deoxynucleotidyl transferase activity in childhood leukemia. Winick N, et al. **Cancer** 1985 May 1;55(9):1943-7

Inhibition of DNA ligase from human thymocytes and normal or leukemic lymphocytes by antileukemic drugs. David JC, et al. **Cancer Res** 1985 May;45(5):2177-83

Demonstration of phosphoglucomutase 1 in a subclone of the K-562 cell line. Ravazzolo R, et al. **Cancer Res** 1985 Mar;45(3):1296-9

Red cell pyruvate kinase in acute leukemia. Labar B, et al. **Enzyme** 1984;32(3):178-83

Ribonucleotide reductase and thymidine kinase activities in various cultured cell lines derived from hematologic malignancies. Takeda E, et al. **Gann** 1984 Sep;75(9):816-23

Immunocytochemical labelling of haematological samples using monoclonal antibodies. Erber WN, et al. **Hamatol Bluttransfus** 1985;29:180-2

Ultrastructural patterns of the alpha-naphthyl butyrate esterase activity in normal and leukaemic peripheral blood leucocytes. Fenoglio C, et al. **Histochem J** 1985 May;17(5):595-604

Biochemical enzyme analysis in acute leukaemia. Drexler HG, et al. **J Clin Pathol** 1985 Feb;38(2):117-27 (117 ref.)

Cyclic AMP induces terminal deoxynucleotidyl transferase in immature B cell leukemia lines. Siden EJ, et al. **J Immunol** 1985 Aug;135(2):1518-22

Cytochemistry of leukaemic lymphoid cells. Zafar MN. **JPMA** 1984 Sep;34(9):263-5

DNA ligases in human leukemia. David JC, et al. **Leuk Res** 1985;9(7):851-8

Isoenzyme studies in human leukemia-lymphoma cell lines--I. Carboxylic esterase. Drexler HG, et al. **Leuk Res** 1985;9(2):209-29

Isoenzyme studies in human leukemia-lymphoma cell lines--IV. Lactate dehydrogenase. Drexler HG, et al. **Leuk Res** 1985;9(5):561-71

Isoenzyme studies in human leukemia-lymphoma cells lines--II. Acid phosphatase. Drexler HG, et al. **Leuk Res** 1985;9(5):537-48

Isoenzyme studies in human leukemia-lymphoma cell lines--III. beta-Hexosaminidase (E.C. 3.2.1.30). Drexler HG, et al. **Leuk Res** 1985;9(5):549-59

Effects of antileukemic agents on the activity of terminal deoxynucleotidyl transferase from human normal thymic and leukemic cells 'in vitro'. Rusquet R, et al. **Leuk Res** 1985;9(7):859-67

Enzymes of purine metabolism and membrane phenotype in malignant cells of some leukemia patients. Babušíková O, et al. **Neoplasma** 1984;31(6):661-6

Histidine decarboxylase: isolation and molecular characteristics. Grzanna R. **Neurochem Res** 1984 Jul; 9(7):993-1009

Purification of a mammalian 5-lipoxygenase from rat basophilic leukemia cells. Goetze AM, et al. **Prostaglandins** 1985 May;29(5):689-701

Level of the A, B and H blood group glycosyltransferases in red cell membranes from patients with malignant hemopathies. Salmon C, et al. **Rev Fr Transfus Immunohematol** 1984 Oct;27(5):625-37

Elastase-alpha 1 antitrypsin complexes in acute leukaemia. Galloway MJ, et al. **Thromb Res** 1985 May 15;38(4):311-20

Thymidine kinase and thymidine phosphorylase activities in various types of leukaemia and lymphoma. Vertongen F, et al. **Tumour Biol** 1984;5(6):303-11

[Usefulness of the ultrastructural detection of peroxidases in the diagnosis of acute leukosis] Escribano Mora L, et al. **Sangre (Barc)** 1984;29(6):1037-46 (54 ref.) (Eng. Abstr.) **(Spa)**

ETIOLOGY

Myelodysplasia in cadaver renal allografts: a report of four cases. Ihle BU, et al. **Am J Kidney Dis** 1985 May;5(5):251-7

The family of human T-lymphotropic leukemia viruses: HTLV-I as the cause of adult T cell leukemia and HTLV-III as the cause of acquired immunodeficiency syndrome. Wong-Staal F, et al. **Blood** 1985 Feb; 65(2):253-63 (79 ref.)

Acute nonlymphocytic leukemia following gastric adenocarcinoma treated by surgery alone. Evidence for etiologic heterogeneity of 'secondary' leukemias. Haubenstock A, et al. **Cancer** 1985 Oct 15;56(8):2069-73

Acute non-lymphocytic leukemia following multimodality therapy for retinoblastoma. White L, et al. **Cancer** 1985 Feb 1;55(3):496-8

Haemopoietic cell growth factor and glucose transport. Its role in cell survival and the relevance of this in normal haemopoiesis and leukaemia. Dexter TM, et al. **Differentiation** 1984;27(3):163-7

Human T-cell leukaemia virus in Africa: possible roles in health and disease. Williams CK, et al. **IARC Sci Publ** 1984; (63):713-26

Progression of mouse thymic leukemias in thymic microenvironments. Hiai H, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:361-71

Acute leukemia in two patients treated with high-dose melphalan and autologous marrow transplantation for malignant solid tumors [letter] Hartmann O, et al. **J Clin Oncol** 1984 Dec;2(12):1424-5

Leukemia following treatment of germ cell tumors in men. Redman JR, et al. **J Clin Oncol** 1984 Oct;2(10):1080-7

Excess leukemia in a refinery population. McCraw DS, et al. **J Occup Med** 1985 Mar;27(3):220-2

Association of second primary leukemias with the method of treatment of the first primary cancer. Fujimoto I, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:265-70

'Silent keys': leukaemia deaths [letter] **Lancet** 1985 May 11; 1(8437):1095-6

Obstetric ultrasound and childhood malignancies. Kinnier Wilson LM, et al. **Lancet** 1984 Nov 3;2(8410):997-9

Cancer risks in patients with chronic lymphocytic thyroiditis. Holm LE, et al. **N Engl J Med** 1985 Mar 7;312(10):601-4

[Pathogenesis of radiation-induced leukemia and its significance for the pathogenesis of spontaneously occurring leukemias] Ludwig FC. **Strahlenschutz Forsch Prax** 1985;25:110-26 (36 ref.) **(Ger)**

[2 cases of adult T-cell leukemia/lymphoma occurring 3 to 7 years after monoclonal gammopathy] Kamihira S, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1133-7 (Eng. Abstr.) **(Jpn)**

[Oncogenic virus RNA-HTLV (human T-cell leukemia-lymphoma virus)] Sikorski R, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1185-7 (Eng. Abstr.) **(Pol)**

[A new HTLV retrovirus associated with human T-cell leukemia/lymphoma] Kiselev FL. **Eksp Onkol** 1984; 6(3):3-9 (56 ref.) (Eng. Abstr.) **(Rus)**

[Acute non-lymphoblastic leukosis as a second neoplasm in Hodgkin's disease (letter)] Díaz Pérez MA, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):167 **(Spa)**

FAMILIAL & GENETIC

Hyperdiploidy of 54 chromosomes with double Ph1 chromosome in lymphoid chronic myelocytic leukemic blast crisis. Clemm C, et al. **Acta Haematol (Basel)** 1985; 73(3):163-7

Low density lipoprotein receptor activity in human leukemic cells--relation to chromosome aberrations. Lindquist R, et al. **Acta Med Scand** 1985;217(5):553-8

The clinical utility of cytogenetic analysis in acute leukemia. Carroll AJ, et al. **Ala J Med Sci** 1985 Jan;22(1):90-3

More on biphenotypic leukemias and the 5q-syndrome [letter] Haubenstock A, et al. **Am J Hematol** 1985 Sep; 20(1):91-2

Increased numbers of marrow basophils may be associated with a t(6;9) in ANLL. Pearson MG, et al. **Am J Hematol** 1985 Apr;18(4):393-403

Chromosome abnormalities in leukaemia and lymphoma. Garson OM. **Ann Acad Med Singapore** 1984 Jul; 13(3):437-44 (56 ref.)

NIH conference. Molecular genetic analysis of human lymphoid neoplasms. Immunoglobulin genes and the c-myc oncogene. Waldmann TA, et al. **Ann Intern Med** 1985 Apr; 102(4):497-510 (108 ref.)

The relation of oncogenesis and cytogenetics in leukemia and lymphoma. Pearson M, et al. **Annu Rev Med** 1985; 36:471-83 (42 ref.)

Application of the Giemsa-11 technique in cytogenetic analysis of leukemic patients. Lavezzi AM, et al. **Basic Appl Histochem** 1984;28(3):337-42

SCE and cell cycle studies in leukemia. Becher R, et al. **Basic Life Sci** 1984;29 Pt B:839-53 (56 ref.)

Value and significance of SCE in human leukemia and cancer. Sandberg AA, et al. **Basic Life Sci** 1984;29 Pt B:825-38

Human leukemia K562 cells: relationship between hemin-mediated erythroid induction, cell proliferation and expression of c-abl and c-myc oncogenes. Gambari R, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):90-6

Oncogene expression in human leukemia. Blick M, et al. **Blood** 1984 Dec;64(6):1234-9

Acute leukemias associated with the 4;11 chromosome translocation have rearranged immunoglobulin heavy chain genes. Crist WM, et al. **Blood** 1985 Jul;66(1):33-8

Heterogeneity of B cell involvement in acute nonlymphocytic leukemia. Ferraris AM, et al. **Blood** 1985 Aug;66(2):342-4

5q- chromosome in acute leukemia with lymphoid morphology and expression of myeloid membrane determinants. Haas OA, et al. **Blood** 1985 Jun;65(6):1342-8

Chromosomal aberrations in adult T cell leukemia: relationship to the clinical severity. Sanada I, et al. **Blood** 1985 Mar;65(3):649-54

Epstein-Barr virus genomes are restricted to secondary neoplastic cells following bone marrow transplantation. Schubach WH, et al. **Blood** 1985 Mar;65(3):535-8

In vitro culture of leukemic cells in t(4;11) acute leukemia. Stong RC, et al. **Blood** 1985 Aug;66(2):439-43

Human acute leukemia cell line with the t(4;11) chromosomal rearrangement exhibits B lineage and monocytic characteristics. Stong RC, et al. **Blood** 1985 Jan;65(1):21-31

Adult T-cell leukemia with an unusual phenotype. Leu-2a positive and Leu-3a negative. Amagasaki T, et al. **Blut** 1985 Apr;50(4):209-11

Activation of proto-oncogenes ir human leukemias. Bartram CR. **Blut** 1985 Aug;51(2):63-71 (40 ref.)

Human leukemic K562 cells: differential effects of 5-azacytidine on DNA methylation of epsilon-, gamma-globin and 7SL RNA genes. del Senno L, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1613-9

Cytogenetic studies on recipients of allogeneic bone marrow transplants after fractionated total body irradiation. Schmitz N, et al. **Br J Haematol** 1985 Jun;60(2):239-44

Small bowel cancers, B-cell lymphatic leukemia, and six primary cancers with metastases and prolonged survival in the cancer family syndrome of Lynch. Love RR. **Cancer** 1985 Feb 1;55(3):499-502

Familial adult T-cell leukemia. Miyamoto Y, et al. **Cancer** 1985 Jan 1;55(1):181-5

Clinical correlations of the 3q21;q26 cytogenetic anomaly. A leukemic or myelodysplastic syndrome with preserved or increased platelet production and lack of response to cytotoxic drug therapy. Pintado T, et al. **Cancer** 1985 Feb 1;55(3):535-41

Significance of abnormalities involving chromosomal segment 11q22-25 in acute leukemia. Abe R, et al. **Cancer Genet Cytogenet** 1984 Oct;13(2):121-7

Cytogenetic pattern in leukemic cells of patients with constitutional chromosome anomalies. Alimena G, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):207-18

Karyotypic evolution in patients with myelodysplastic syndromes. Benitez J, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):157-67

Leukemia with a novel 4q11q rearrangement. Daeschner C 3d, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):245-50

Hot bands: a simple G-banding method for leukemic metaphases [letter] den Nijs JI, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):373-4

The efficacy of direct, 24-hour culture, and mitotic synchronization methods for cytogenetic analysis of bone marrow in neoplastic hematologic disorders. Dewald GW, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):1-10

Translocation 4;11 acute leukemia: three case reports and review of the literature. Kocova M, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):21-32

Heterochromatic variants and their association with neoplasias. I. Chronic and acute leukemia. Labal de Vinuesa M, et al. **Cancer Genet Cytogenet** 1984 Dec;13(4):297-302

Sister chromatid exchanges in leukemic patients. Larripa I, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):169-75

Trisomy 7 and 8 in Ph-negative chronic eosinophilic leukemia. Maubach PA, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):159-64

An evaluation of high resolution chromosome banding of hematologic cells by methotrexate synchronization and thymidine release. Morris CM, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):275-84

Chromosome 16q, eosinophilia, and leukemia [letter] Neri G, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):371-2

Inv(16) abnormality and eosinophilia in a patient with acute nonlymphocytic leukemia. Okada M, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):185-7

Peculiar cytogenetic finding in T-cell lymphoproliferative disorders [letter] Ríos González A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):185-6

Cell cycle progression of stimulated lymphocytes of various B-cell leukemias. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):181-3

Abnormalities of chromosome 14 at band 14q11 in Japanese patients with adult T-cell leukemia. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Jul;17(3):279-82

Chromosome abnormalities, sister chromatid exchanges, and cell cycle analysis in phytohemagglutinin-stimulated adult T cell leukemia lymphocytes. Shiraishi Y, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):65-77

Translocation t(3;5) in ANLL [letter] Werner-Favre C, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):279

Preleukemia and leukemia with 12p- and 19q+ chromosome alterations following Alkeran therapy. Wilmoth D, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):95-8

Chromosome 12 rearrangement with breakage at the p11 level in hematologic disorders: report of four cases. Zaccaria A, et al. **Cancer Genet Cytogenet** 1985 Feb 15; 15(3-4):309-14

Expression of oncogenes in human leukemias. McClain KL. **Cancer Res** 1984 Nov;44(11):5382-9

Nucleotide sequence preservation of human leukemic mitochondrial DNA. Monnat RJ Jr, et al. **Cancer Res** 1985 Apr;45(4):1809-14

Chromosomal alterations in acute leukemia patients studied with improved culture methods. Testa JR, et al. **Cancer Res** 1985 Jan;45(1):430-4

Incidence, previous treatment and chromosome characteristics of secondary acute non-lymphocytic leukemia. Pedersen-Bjergaard J. **Cancer Treat Rev** 1985 Mar;12(1):65-75 (66 ref.)

X chromosome rearrangements and leukemia. Werner-Favre C, et al. **Cytogenet Cell Genet** 1985;39(1):80

The chromosomal location of T-cell receptor genes and a T cell rearranging gene: possible correlation with specific translocations in human T cell leukaemia. Rabbitts TH, et al. **EMBO J** 1985 Jun;4(6):1461-5

Ph1-positive acute leukemia. Raza A, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1509-16

Cytogenetic factors in prognosis of the acute leukaemias. Secker-Walker LM. **Haematologia (Budap)** 1983; 16(1-4):81-91

Association between the Philadelphia chromosome and a unique abl transcript. Canaani E, et al. **Hamatol Bluttransfus** 1985;29:154-8

Chromosome alterations in oncogenesis. Nowell PC, et al. **Hamatol Bluttransfus** 1985;29:253-60

Haptoglobin groups and leukemia. Fröhlander N. **Hum Hered** 1984;34(5):311-3

Unexpected heterogeneity in acute leukemia: mixed lineages and lineage switch. Stass S, et al. **Hum Pathol** 1985 Sep; 16(9):864-6

Report of Children's Cancer Study Group [editorial] Rowley JD. **J Clin Oncol** 1985 Jan;3(1):1-2

Correlation of chromosome abnormalities with patient characteristics, histologic subtype, and induction success in children with acute nonlymphocytic leukemia. Woods WG, et al. **J Clin Oncol** 1985 Jan;3(1):3-11

Life change and onset of cancer in identical twins. Smith CK, et al. **J Psychosom Res** 1984;28(6):525-32

Cytogenetic studies in human T-cell lymphoma virus (HTLV)-positive leukemia-lymphoma in the United States. Whang-Peng J, et al. **JNCI** 1985 Feb;74(2):357-69

Acute eosinophilic leukemia: characterization by cytochemistry, chromosomal analysis, and in vitro colony formation. Schmitz N, et al. **Klin Wochenschr** 1985 Feb 4;63(3):133-7

HLA C associations with acute leukaemia. D'Amaro J, et al. **Lancet** 1984 Nov 24;2(8413):1176-8

Study of the levels of expression of two oncogenes, c-myc and c-myb, in acute and chronic leukemias of both lymphoid and myeloid lineage. Ferrari S, et al. **Leuk Res** 1985;9(7):833-42

Inherited factors in leukaemia and lymphoma. Harnden DG. **Leuk Res** 1985;9(6):705-7

Sister chromatid exchanges in leukaemic children receiving chemotherapy. Kowalczyk J. **Mater Med Pol** 1984 Jan-Mar;16(1):50-2

Chromosome abnormalities in malignant hematologic disorders. Dewald GW, et al. **Mayo Clin Proc** 1985 Oct; 60(10):675-89 (71 ref.)

Chromosome abnormalities in leukemia: a review. Chin YM, et al. **Med J Malaysia** 1984 Jun;39(2):103-11

DNA rearrangements of immunoglobulin genes correlate with phenotypic markers in B-cell malignancies. Foroni L, et al. **Mol Biol Med** 1984 Feb;2(1):63-79

NIH/3T3 cells transfected with human tumor DNA containing activated ras oncogenes express the metastatic phenotype in nude mice. Thorgeirsson UP, et al. **Mol Cell Biol** 1985 Jan;5(1):259-62

DNA repair in lymphocytes from patients with secondary leukemia as measured by strand rejoining and unscheduled

DNA synthesis. Bohr V, et al. **Mutat Res** 1985 Sep; 146(2):219-25
Translocations in T-cell leukemia in lymphoma [letter] Hecht F, et al. **N Engl J Med** 1985 Sep 19;313(12):758-9
Rearrangements of genes for the antigen receptor on T cells as markers of lineage and clonality in human lymphoid neoplasms. Waldmann TA, et al. **N Engl J Med** 1985 Sep 26;313(13):776-83
Oncogene activation by fusion of chromosomes in leukaemia [news] Adams JM. **Nature** 1985 Jun 13-19;315(6020):541-2
Human gamma-chain genes are rearranged in leukaemic T cells and map to the short arm of chromosome 7. Murre C, et al. **Nature** 1985 Aug 8-14;316(6028):549-52
Molecular approach to adult T-cell leukemia. Hatanaka M. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1529-34
Case report of 11q- in M2-acute nonlymphocytic leukemia. Zaccaria A, et al. **Nouv Rev Fr Hematol** 1984;26(5):335-7
The expression of human interferon alpha genes. Hiscott J, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):217-26
Cell-cycle-specific genes differentially expressed in human leukemias. Calabretta B, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4463-7
A 14;18 and an 8;14 chromosome translocation in a cell line derived from an acute B-cell leukemia. Pegoraro L, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7166-70
The clinical significance of chromosomal changes in acute leukemia. Bloomfield CD. **Prog Clin Biol Res** 1985; 177:153-70 (64 ref.)
Chromosomal mechanisms in neoplasia. de la Chapelle A. **Prog Clin Biol Res** 1985;177:139-52 (37 ref.)
Distribution of HLA genotypes in sibs of patients with acute leukaemia. de Moor P, et al. **Scand J Haematol** 1985 Jan; 34(1):68-70
Locus of the alpha-chain of the T-cell receptor is split by chromosome translocation in T-cell leukemias. Erikson J, et al. **Science** 1985 Aug 23;229(4715):784-6
Deregulation of interleukin-2 receptor gene expression in HTLV-I-induced adult T-cell leukemia. Krönke M, et al. **Science** 1985 Jun 7;228(4704):1215-7
The t(14;18) chromosome translocations involved in B-cell neoplasms result from mistakes in VDJ joining. Tsujimoto Y, et al. **Science** 1985 Sep 27;229(4720):1390-3
Cloning of the chromosome breakpoint of neoplastic B cells with the t(14;18) chromosome translocation. Tsujimoto Y, et al. **Science** 1984 Nov 30;226(4678):1097-9
[Chromosomes and the prognosis of acute leukemia] Wu SQ. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):462-5 (Eng. Abstr.) **(Chi)**
[Chromosomal changes in acute leukemia: report of 42 cases analyzed by G-banding] Zhou JY. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):305-8 **(Chi)**
[Chromosome study of 20 cases of acute nonlymphocytic leukemia] Xue YQ. **Chung Hua Nei Ko Tsa Chih** 1984 Mar; 23(3):167-70 (Eng. Abstr.) **(Chi)**
[Chromosome polymorphism] Cihalová V, et al. **Bratisl Lek Listy** 1985 Jun;83(6):620-6 (Eng. Abstr.) **(Cze)**
[Leukemia and the HLA-C locus] Májský A, et al. **Cas Lek Cesk** 1985 May 24;124(21):654-5 (Eng. Abstr.) **(Cze)**
[Cytogenetics and hematology] Michaux JL. **Rev Med Brux** 1985 Feb;6(2):67-70 (Eng. Abstr.) **(Fre)**
[Cytogenetics and hematology] Michaux JL. **Rev Med Liege** 1985 Jan 15;40(2):49-51 **(Fre)**
[Study of anti-ATLA antibody in a family of ATL patients born in Hokkaido] Maekawa I, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1226-31 (Eng. Abstr.) **(Jpn)**
[Chromosomal analysis of childhood leukemia and lymphoma and its relation to the clinical features] Nagasaka M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1408-16 (Eng. Abstr.) **(Jpn)**
[Cytogenetic findings in pre-adult T-cell leukemia] Nishino K, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1903-14 (Eng. Abstr.) **(Jpn)**
[Various problems related to the current cytogenetics of leukemia] Rożynkowa D. **Pol Arch Med Wewn** 1984 Jun; 71(6):345-53 **(Pol)**
[Can chromosome Ph1 be regarded as the marker of the neoplastic multivalent lympho-hematopoietic stem cell?] Rupniewska ZM, et al. **Postepy Hig Med Dosw** 1984 Jan-Feb;38(1):39-60 (106 ref.) (Eng. Abstr.) **(Pol)**
[Frequently occurring chromosome aberrations in various hemoblastoses] Zakharova AV, et al. **Gematol Transfuziol** 1985 Apr;30(4):46-53 (51 ref.) **(Rus)**
[Cytogenetics of hemoblastoses] Koblík J, et al. **Bratisl Lek Listy** 1985 Jun;83(6):646-52 (Eng. Abstr.) **(Slo)**
[Acute non-lymphoblastic leukemia presenting the Philadelphia chromosome and chromosome 7 monosomy] Bello López JL, et al. **Rev Clin Esp** 1984 Sep 15; 174(5):187-8 **(Spa)**
[Monosomy 7 in hematologic processes. Clinical and prognostic implications] Bello López JL, et al. **Sangre (Barc)** 1984;29(3):299-301 **(Spa)**

HISTORY

Dr. James A. Wolff. II. First successful chemotherapy of acute leukemia. Pochedly C. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):449-54
HTLV missionaries and parasites [letter] **Lancet** 1984 Oct 20;2(8408):927-8

IMMUNOLOGY

Studies on the lymphocytic subpopulations in acute non-lymphocytic leukemia. Zhou MX, et al. **Acta Acad Med Wuhan** 1984;4(4):216-9
Natural antibodies to simian type-C viruses and human retrovirus HTLV in patients with lymphoid malignancies. Tóth FD, et al. **Acta Microbiol Hung** 1984;31(4):387-92
No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15
Identification of complex phenotype (OKT4+/OKT8+) on adult T-cell leukemia cells by sequential application of indirect rosette assay with protein A-coated ox red blood cells and immunoperoxidase technic. Tamura K, et al. **Am J Clin Pathol** 1985 Jul;84(1):44-8
Immunopathology of cutaneous T-cell lymphomas. Nasu K, et al. **Am J Pathol** 1985 Jun;119(3):436-47
Immunoelectron-microscopic localization of Tac antigen in adult T-cell leukemia/lymphoma. Shamoto M, et al. **Am J Pathol** 1985 Jun;119(3):513-6
Reactivity of monoclonal anti-K 562 antibodies with cells of leukemia- and lymphoma-patients. Hering S, et al. **Arch Geschwulstforsch** 1985;55(1):9-16
Summary of clinical studies with the Oka live varicella vaccine produced by Smith Kline-RIT. André FE. **Biken J** 1984 Sep;27(2-3):89-98
A clinical trial of live attenuated varicella vaccine (Biken) in children with malignant diseases. Konno T, et al. **Biken J** 1984 Sep;27(2-3):73-5
Live varicella vaccine: prevention of nosocomial infection and protection of high risk infants from varicella infection. Sugino H, et al. **Biken J** 1984 Sep;27(2-3):63-5
Macrophages, NK-cells, NK-like cells, and tumor surveillance in man. Reizenstein P. **Biomed Pharmacother** 1985;39(1):1-3
Optimal elimination of leukemic T cells from human bone marrow with T101-ricin A-chain immunotoxin. Casellas P, et al. **Blood** 1985 Feb;65(2):289-97
Specific decrease in T3 antigen density in adult T-cell leukaemia cells: I. Flow microfluorometric analysis. Tsuda H, et al. **Br J Cancer** 1984 Dec;50(6):843-5
Antibodies to human adult T cell leukaemia virus type I associated antigens in Swedish leukaemia patients and blood donors. Blomberg J, et al. **Br J Haematol** 1985 Jul; 60(3):555-7
Reactivity of rat monoclonal antibody CAMPATH-1 with human leukaemia cells and its possible application for autologous bone marrow transplantation. Hale G, et al. **Br J Haematol** 1985 May;60(1):41-8
Expression of SSEA-I antigen (3-fucosyl-N-acetyl-lactosamine) on normal and leukaemic human haemopoietic cells: modulation by neuraminidase treatment. Tabilio A, et al. **Br J Haematol** 1984 Dec;58(4):697-710
A study on the clinical usefulness of tissue polypeptide antigen in various blood diseases. Kageyama T, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):55-61
Detection of adult T-cell leukemia-associated antigen in T-cell malignancies in the Nagasaki district of Japan. Amagasaki T, et al. **Cancer** 1984 Nov 15;54(10):2074-81
Antigens and circulating immune complexes related to the primate retroviral glycoprotein SiSVgp70. Indicators of early mortality in human acute leukemias and chronic myelogenous leukemias in blast crisis. Hehlmann R, et al. **Cancer** 1984 Dec 15;54(12):2927-35
Heterogeneity of Ia antigen expression by proliferating nonlymphocytic leukemia blast cells. Taetle R, et al. **Cancer** 1985 Oct 15;56(8):1957-62
Cytotoxicity of monoclonal antibodies against individually immunophenotyped human leukemic cells. Beksac M, et al. **Cancer Immunol Immunother** 1985;19(3):231-6
Deficient expression of class-I HLA in some cases of acute leukemia. Elkins WL, et al. **Cancer Immunol Immunother** 1984;18(2):91-100
Distribution of a new B-cell-associated surface antigen (BL7) detected by a monoclonal antibody in human leukemic disorders. Al-Katib A, et al. **Cancer Res** 1985 Jul; 45(7):3058-63
Antigenicity of human T-cell leukemia virus-associated gp52: greater response in leukemia patients compared to healthy donors exposed to the virus. Robert-Guroff M, et al. **Cancer Res** 1985 Jul;45(7):3374-7
Two mouse monoclonal antibodies detecting two different epitopes of an activated lymphocyte antigen on adult T-cell leukemia cells. Ueda R, et al. **Cancer Res** 1985 Mar; 45(3):1314-9
Identical reactivity of monoclonal antibodies HNK-1 and NC-1: conservation in vertebrates on cells derived from the neural primordium and on some leukocytes. Tucker GC, et al. **Cell Differ** 1984 Aug;14(3):223-30
Production of high levels of interleukin 1-like activity by the SPI-802 human leukemia cell line with E receptors. Komiyama A, et al. **Cell Immunol** 1984 Nov;89(1):122-31
Immunoelectron microscopy of adult T-cell leukemia-associated antigen by the peroxidase-labeled antibody method. Oda T, et al. **Cell Mol Biol** 1985; 31(1):49-56
Differences in modifications of cytoplasmic free Ca2+ concentration and 86Rb+ influx in human neoplastic B cells by antibodies to mu- relative to delta-Ig heavy chains. Heikkilä R, et al. **Clin Exp Immunol** 1985 Mar;59(3):695-702
Characterization of the Fc(IgG) receptor on the pluripotential leukaemia cell K-562. Ichiki AT, et al. **Clin Exp Immunol** 1985 Jan;59(1):64-8
The use of VEP13 monoclonal antibody for definition of natural killer cells: spontaneous killer cells directed against fresh human leukaemia cells carry the VEP13 antigen. Ziegler-Heitbrock HW, et al. **Clin Exp Immunol** 1984 Nov; 58(2):470-7
Immunoregulatory mechanisms: dissection and diagnosis with monoclonal antibodies. Goldstein G. **Diagn Immunol** 1983;1(3):98-9
Cell surface phenotype and in vitro function of adult T-cell leukemia cells. Uchiyama T, et al. **Diagn Immunol** 1983; 1(3):150-4
Antigens and circulating immune complexes related to the primate retroviral glycoprotein SiSV gp70: prevalence and distribution in human sera. Schetters H, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):687-700
T cell growth factors from adult T cell leukemia virus-transformed cell lines. Okai Y, et al. **FEBS Lett** 1984 Nov 19;177(2):200-4
Serum anti-platelet activity in acute leukemias (AL) and chronic thrombocytopenic purpura (ITP). Podolak-Dawidziak M. **Folia Haematol (Leipz)** 1985; 112(1):175-84
Experimental infection of rabbits with human T-cell leukemia virus type I. Akagi T, et al. **Gann** 1985 Feb;76(2):86-94
Sera of adult T-cell leukemia patients and carriers of human T-cell leukemia virus type I in Japan do not cross-react with antigens of lymphadenopathy virus. Katamine S, et al. **Gann** 1985 Apr;76(4):245-8
Production and analysis of HH 10 monoclonal antibodies reactive to immature hematopoietic cells and their use for monitoring acute leukemia cells. Kato K, et al. **Gann** 1985 Jun;76(6):524-31
Leukemia antigens and immunity in man. Herberman RB. **Haematologia (Budap)** 1983;16(1-4):15-21
The association of Tn and leukemia. Ness PM. **Haematologia (Budap)** 1983;16(1-4):93-8
Quantitative expression and function of differentiation antigens on normal and malignant lymphoid cells. Clark EA, et al. **Hamatol Bluttransfus** 1985;29:455-60
Immunocytochemical labelling of haematological samples using monoclonal antibodies. Erber WN, et al. **Hamatol Bluttransfus** 1985;29:180-2
Development of B cell subpopulations in humans and its relevance to malignancy. Janossy G, et al. **Hamatol Bluttransfus** 1985;29:461-70
Immune status of leukemia patients. Kaneko Y, et al. **Hamatol Bluttransfus** 1985;29:200-3
Repertoire purging by medium concentration self-macromolecules is the major factor determining helper and suppressor repertoire differences. Mitchison NA. **Hamatol Bluttransfus** 1985;29:3-6
Killer cells in leukemia. Ziegler-Heitbrock HW, et al. **Hamatol Bluttransfus** 1985;29:508-10
Cytochemical and immunological profiles of fresh and cultured leukaemic cells. Klobušická M, et al. **Histochem J** 1985 May;17(5):541-4
Acquired spontaneous cytotoxicity of K562 in a subpopulation of monocytes. Wyckoff JH 3d, et al. **Immunobiology** 1985 Mar;169(2):175-85
Effect of human serum anti-HTLV antibodies on viral antigen induction in vitro cultured peripheral lymphocytes from adult T-cell leukemia patients and healthy virus carriers. Tochikura T, et al. **Int J Cancer** 1985 Jul 15; 36(1):1-7
Immunity in leukemias. Ranjan R, et al. **J Assoc Physicians India** 1984 Jun;32(6):469-71
Functional and phenotypic studies of Japanese adult T cell leukemia cells. Morimoto C, et al. **J Clin Invest** 1985 Mar; 75(3):836-43
Adult T cell leukemia with atypical surface phenotypes: clinical correlation. Yamada Y, et al. **J Clin Oncol** 1985 Jun;3(6):782-8
Lymphoid tumors displaying rearrangements of both immunoglobulin and T cell receptor genes. Pelicci PG, et al. **J Exp Med** 1985 Sep 1;162(3):1015-24
Interleukin 2 acts directly on a Tac-positive cloned B cell line established from a patient with adult T cell leukemia. Arima N, et al. **J Immunol** 1985 Oct;135(4):2474-7
The fate of IgE bound to rat basophilic leukemia cells. IV. Functional association between the receptors for IgE. Furuichi K, et al. **J Immunol** 1985 Mar;134(3):1766-73
The generation of monoclonal anti-idiotype antibodies to human B cell-derived leukemias and lymphomas. Giardina SL, et al. **J Immunol** 1985 Jul;135(1):653-8
Inhibition by somatostatin of the release of mediators from human basophils and rat leukemic basophils. Goetzl EJ, et al. **J Immunol** 1984 Dec;133(6):3255-9
Role of endogenous complement in monoclonal IgM antibody-dependent leukemia suppression in vivo: participation of C3b. Johnson RJ, et al. **J Immunol** 1985 May;134(5):3497-503
Role of BCGFII in the differentiation to antibody secretion normal and tumor B cells. Swain SL. **J Immunol** 1985 Jun; 134(6):3934-43
Human T cell leukemia/lymphoma virus-infected

antigen-specific T cell clones: indiscriminant helper function and lymphokine production. Volkman DJ, et al. **J Immunol** 1985 Jun;134(6):4237-43

TCGF (IL 2)-receptor inducing factor(s). I. Regulation of IL 2 receptor on a natural killer-like cell line (YT cells). Yodoi J, et al. **J Immunol** 1985 Mar;134(3):1623-30

Shared antigen between the myelin-associated glycoprotein (MAG) and a cell line from human T cell leukemia (HSB-2). Sato S, et al. **J Neuroimmunol** 1985 Feb-Mar; 7(5-6):287-98

Genetic control of hapten-reactive helper T-cell responses and its implications for the generation of augmented antitumor cytotoxic responses. Mizushima Y, et al. **JNCI** 1985 Jun;74(6):1269-73

Monoclonal antibody (WI-2) reactive against human transformed and leukemic cells. Aota F, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):575-84

Adult T-cell leukemia-lymphoma in the Hokuriku District and presentation of a case in hematological remission after cryptococcus infection. Hirose Y, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):601-12

Monoclonal gammopathy in adult T-cell leukemia/lymphoma: a report of three cases. Kamihira S, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):699-704

HTLV-I-positive T-cell lymphoma/leukaemia in an African resident in UK [letter] Stewart JS, et al. **Lancet** 1984 Oct 27;2(8409):984-5

Decreased responsiveness to immune complexes of granulocytes from patients with acute leukemia in remission demonstrated by microcalorimetry. Ankerst J, et al. **Leuk Res** 1984;8(6):997-1002

Immunological detection of covert leukaemic spread in mediastinal T-cell lymphoblastic lymphoma. Bradstock KF, et al. **Leuk Res** 1985;9(7):905-11

Differential methylation of class I histocompatibility antigen genes in T-cell lines derived from two different types of T-cell malignancies. Clarke MF, et al. **Leuk Res** 1984; 8(6):965-73

Epidemiological and immunological characteristics of childhood leukaemia in The Netherlands: population-based data from a nationwide co-operative group of paediatricians. Coebergh JW, et al. **Leuk Res** 1985; 9(6):683-8

Decline of natural cytotoxicity of human lymphocytes following infection with human T-cell leukemia/lymphoma virus (HTLV). De Vecchis L, et al. **Leuk Res** 1985;9(3):349-55

PHA-ICC, ADCC and NK in patients with ANLL in CR: human fibroblastic interferon fails to increase NK-active cell frequency. Fontana L, et al. **Leuk Res** 1984;8(5):885-91

Stimulated lymphoid cells of B lineage, but not plasma or myeloid cells, can express E receptor. Mills KH, et al. **Leuk Res** 1985;9(3):375-80

A novel monoclonal antibody BI-3C5 recognises myeloblasts and non-B non-T lymphoblasts in acute leukaemias and CGL blast crises, and reacts with immature cells in normal bone marrow. Tindle RW, et al. **Leuk Res** 1985;9(1):1-9

Monoclonal antibody against a 'Pan-T-cell' antigen expressed by thymocytes, peripheral T-lymphocytes and T-cell leukemias. Carrel S, et al. **Mol Immunol** 1984 Oct; 21(10):831-40

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. I. Role of HLA-DR antigens as stimulatory molecules. Matera L, et al. **Nat Immun Cell Growth Regul** 1985;4(2):90-102

Lysis of fresh leukemic blasts by interferon-activated human natural killer cells. Pattengale PK, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):165-80

Rearrangements of T-cell receptor gene YT35 in human DNA from thymic leukaemia T-cell lines and functional T-cell clones. Toyonaga B, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):385-7

Reactivities of neoplastic T cells to human autoantibody and monoclonal antibodies. Takiuchi Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):99-107

Immunodiagnosis and immunotherapy of childhood malignancies. Bernstein I, et al. **Pediatr Clin North Am** 1985 Jun;32(3):575-99 (143 ref.)

Phenotypic and functional characterization of human malignant T cells. Harden EA, et al. **Semin Hematol** 1985 Jan;22(1):13-26 (143 ref.)

Lymphocyte markers in human leukemias and lymphomas: methodologic remarks. Preud'homme JL, et al. **Semin Hematol** 1984 Oct;21(4):296-301

Non T lymphoid cells can express T cell surface characteristics: normal, HCL, and a range of leukemic B cells express T cell antigens after appropriate in vitro stimulation. Worman CP, et al. **Semin Oncol** 1984 Dec; 11(4):401-4

Impairment of opsonic function in children with hematologic malignancy during remission induction therapy. Ueno N, et al. **Tohoku J Exp Med** 1985 Feb;145(2):115-23

Demonstration of a leukemia-associated antigen (CAMAL) in peripheral blood leucocytes of bone marrow transplant patients prior to relapse. Levy JG, et al. **Transplantation** 1985 Aug;40(2):167-73

Use of a synthetic antigen to predetermine the responsiveness of cattle to vaccine-induced immunity. Ungar-Waron H, et al. **Vaccine** 1984 Jun;2(2):136-40

[Determination of the human leukemia antigen by complement-mediated cytotoxicity] Wang ZY. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):423-5 (Eng. Abstr.) **(Chi)**

[Differentiation antigens of malignant leukocytes (2)] Bernard A, et al. **Presse Med** 1984 Nov 3;13(39):2371-4, 2379-80 (24 ref.) (Eng. Abstr.) **(Fre)**

[NK and K cell activity in children with leukemias and aplastic anemias before and after allogeneic bone marrow transplantation] Thränhardt H, et al. **Folia Haematol (Leipz)** 1985;112(2):285-92 (Eng. Abstr.) **(Ger)**

[Immunological markers in acute leukemia and their use in typing and differential diagnosis] Mittelman M, et al. **Harefuah** 1983 Jun;104(11-12):513-6 **(Heb)**

[Treatment of infections in granulocytopenia patients with a brulamycin-bactrim combination] Magyar T, et al. **Orv Hetil** 1985 Sep 1;126(35):2165-8 (Eng. Abstr.) **(Hun)**

[Use of monoclonal antibodies in hematology] Pagnucco G, et al. **Riv Emoter Immunoematol** 1984;31(1):1-35 **(Ita)**

[Surface marker studies on lymphoma and leukemia cells with microcytotoxicity test using the UCLA Monoclonal Antibody Tray 5] Toki H, et al. **Gan No Rinsho** 1985 Apr; 31(4):409-13 (Eng. Abstr.) **(Jpn)**

[Abnormal (constitutive) expression of interleukin 2 receptor (Tac Ag) in adult T-cell leukemia cells] Uchiyama T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):685-91 **(Jpn)**

[A new monoclonal antibody (KOLT-2) specific to the cell surface antigen on activated human T lymphocytes] Okubo K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1433-44 (Eng. Abstr.) **(Jpn)**

[A hybridoma clone producing a monoclonal antibody (KOLT-1) reactive with adult T cell leukemia cells] Okubo K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1422-32 (Eng. Abstr.) **(Jpn)**

[Establishment and characterization of B cell line cells (Kei-4 and Kei-5) derived from a patient with adult T-cell leukemia] Yasuda K. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):784-93 (Eng. Abstr.) **(Jpn)**

[Simultaneous measurement of phagocytic and lysozyme activities in leukemic cells] Nagata T, et al. **Rinsho Byori** 1984 Aug;32(8):890-4 **(Jpn)**

[Suppressor activity of OKT4+17+ cells from patients with adult T-cell leukemia] Funato T, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1754-9 (Eng. Abstr.) **(Jpn)**

[Adult T-cell leukemia with OKT4 and OKT8 subsets] Natori H, et al. **Rinsho Ketsueki** 1985 Jan;26(1):52-7 (Eng. Abstr.) **(Jpn)**

[The Rubenosticon test in hematologic and lymphoreticular diseases] Milejski P, et al. **Pol Tyg Lek** 1984 Jun 11; 39(24):815-8 (Eng. Abstr.) **(Pol)**

[Cytotoxic action of natural killer cells on human tumor cells] Avdeev GI, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):471-3 (Eng. Abstr.) **(Rus)**

[ICO-1 monoclonal antibodies against the constant region of Ia-like (Dr) antigens] Baryshnikov AIu, et al. **Eksp Onkol** 1984;6(4):44-6 (Eng. Abstr.) **(Rus)**

[Detection of antigenic determinants of the major structural proteins of various mammalian type C retroviruses in the leukocytes of patients with hemoblastoses and in healthy donors by the ELISA method] Zueva IuN. **Eksp Onkol** 1984;6(3):33-6 (Eng. Abstr.) **(Rus)**

[Tumors of lymphoid tissue as experimental models for the study of lymphocyte function] Petrović LM, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):505-14 (Eng. Abstr.) **(Scc)**

[HLA system antigens in acute leukoses] Dokić M, et al. **Med Pregl** 1984;37(9-10):379-80 (Eng. Abstr.) **(Scr)**

[Detection of strain-specific antigens on normal myeloid stem cells and on leukemic blasts using cytotoxic monoclonal antibodies and complement] Nolasco I, et al. **Sangre (Barc)** 1985;30(2):159-67 (Eng. Abstr.) **(Spa)**

METABOLISM

Erythroid induction of K562 human leukemia cells: enhancement by purines. Ohlsson-Wilhelm BM, et al. **Arch Biochem Biophys** 1985 Jun;239(2):567-73

Ca2+-dependent and phorbol ester activating phosphorylation of a 36K-dalton protein of rat basophilic leukemia cell membranes and immunoprecipitation of the phosphorylated protein with IgE-anti IgE system. Teshima R, et al. **Biochem Biophys Res Commun** 1984 Dec 28; 125(3):867-74

Resistance of CCRF-CEM cloned sublines to 5-fluorodeoxyuridine associated with enhanced phosphatase activities. Fernandes DJ, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):125-32

Effect of 1-beta-D-arabinofuranosyl cytosine and hydroxyurea on the repair of X-ray-induced DNA single-strand breaks in human leukemic blasts. Fram RJ, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2557-60

Activity of azelaic acid on cultures of lymphoma- and leukemia-derived cell lines, normal resting and stimulated lymphocytes and 3T3 fibroblasts. Picardo M, et al. **Biochem Pharmacol** 1985 May 15;34(10):1653-8

Glycosphingolipids of leukemic cells in adult T-cell leukemia-lymphoma. Kuriyama M, et al. **Biochim Biophys Acta** 1985 May 17;834(3):396-401

Molecular species of phosphatidylinositol, phosphatidic acid and diacylglycerol in a phytohemagglutinin-stimulated T-cell leukemia line. Sasaki T, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):316-22

A single common electrophoretic abnormality of glucocorticoid receptors in human leukemia cells. Distelhorst CW, et al. **Blood** 1985 Sep;66(3):679-85

Pharmacokinetics of 1-beta-D-arabinofuranosylcytosine 5'-triphosphate in leukemic cells after intravenous and subcutaneous administration of 1-beta-D-arabinofuranosylcytosine. Liliemark JO, et al. **Cancer Res** 1985 May;45(5):2373-5

Inhibition of 1-beta-D-arabinofuranosylcytosine transport and net accumulation by teniposide and etoposide in Ehrlich ascites cells and human leukemic blasts. White JC, et al. **Cancer Res** 1985 Jul;45(7):3070-5

Deoxyguanosine enhancement of cytarabine nucleotide accumulation in human leukemia cells. Akman SA, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):851-7

Double labeling of human leukemic cells using 3H-cytarabine and monoclonal antibody against bromodeoxyuridine. Raza A, et al. **Cancer Treat Rep** 1985 Feb;69(2):195-8

Leukaemic promyelocytes and normal bone marrow cells release a passive sodium transport modifier (inhibitin). Morgan K, et al. **Clin Sci** 1985 Mar;68(3):365-8

Relationship between leukemic cell retention of cytosine arabinoside triphosphate and the duration of remission in patients with acute non-lymphocytic leukemia. Preisler HD, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):23-30

Action of a cytotoxin from Pseudomonas aeruginosa on human leukemic cell lines. Increase in cell permeability to Ca2+ and Mn2+ and lack of stimulation of inositol lipid turnover. Sasaki T, et al. **FEBS Lett** 1985 Sep 9; 189(1):33-6

In vitro evaluation of multiple kinetic parameters in human leukemia by quantitative 14-C autoradiography. Ucci G, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):101-5

Cytochemistry of the acute leukaemias. Hayhoe FG. **Histochem J** 1984 Oct;16(10):1051-9

Flow cytometric measurements and electron microscopy of cell surface glycosaminoglycans using acridine orange. Timar J, et al. **Histochem J** 1985 Jan;17(1):71-9

Drugs affecting the hormonal receptors of normal and leukaemic peripheral leucocytes. Notario A, et al. **Int J Tissue React** 1984;6(5):413-20

Induction of cytoskeletal vimentin and actin gene expression by a tumor-promoting phorbol ester in the human leukemic cell line K562. Siebert PD, et al. **J Biol Chem** 1985 Mar 25;260(6):3868-74

DNA-RNA measurements in patients with acute leukemia undergoing remission induction therapy. Maddox AM, et al. **J Clin Oncol** 1985 Jun;3(6):799-808

Changes in histidine uptake and histamine synthesis during the growth cycle of rat basophilic leukemia (2H3) cells. Woldemussie E, et al. **J Pharmacol Exp Ther** 1985 Jan; 232(1):20-6

Immunofluorescent staining of human leukemic cells with monoclonal antibody to phosphotyrosine. Ogawa R, et al. **Jpn J Cancer Res** 1985 Jul;76(7):567-9

Clinical and biologic correlates of insulin binding by leukemia lymphoblasts. Pui CH, et al. **Leuk Res** 1985;9(7):843-9

Clinical pharmacology of daunorubicin in patients with acute leukemia. Riggs CE Jr. **Semin Oncol** 1984 Dec;11(4 Suppl 3):2-11 (44 ref.)

Antineoplastic effects of Bordetella pertussis adenylate cyclase. Slungaard A, et al. **Trans Assoc Am Physicians** 1983;96:401-5

[Pyrimidine metabolism in human hematodyscrasial cells: studies of intermediates in pyrimidine de novo pathway] Sugiura Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1581-6 (Eng. Abstr.) **(Jpn)**

[Effect of serum polyamine oxidase on normal and tumor cells] Khomenko AK, et al. **Eksp Onkol** 1984;6(6):63-6 (Eng. Abstr.) **(Rus)**

[B-activin and immunocorrection] Petrov RV, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):41-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Human T-cell leukemia virus: its discovery and role in leukemogenesis and immunosuppression. Shaw GM, et al. **Adv Intern Med** 1984;30:1-27 (105 ref.)

Human T-cell leukemia (lymphotropic) retroviruses and their causative role in T-cell malignancies and acquired immune deficiency syndrome. Gallo RC. **Cancer** 1985 May 15; 55(10):2317-23 (66 ref.)

Retroviruses in human T-cell malignancies. Sarin PS, et al. **Cancer Invest** 1984;2(6):467-78

Epidemiology of human lymphotrophic retroviruses: an overview. Blattner WA, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4598s-4601s

Interleukin 2 receptor (Tac antigen) expression in HTLV-I-associated adult T-cell leukemia. Waldmann TA, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4559s-4562s

Molecular biology of human T-lymphotropic retroviruses. Wong-Staal F, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4539s-4544s (52 ref.)

Human T-cell leukemia/lymphoma viruses--an introduction. Vogt PK. **Curr Top Microbiol Immunol** 1985;115:1-5

Establishment and characterization of adult T-cell leukemia virus-containing B-cell lines derived from peripheral blood of adult T-cell leukemia patients. Miyamoto K, et al. **Gann** 1984 Aug;75(8):655-9

Molecular studies of human T cell leukemia/lymphotropic retroviruses. Wong-Staal F. **Hamatol Bluttransfus** 1985; 29:326-30

The molecular biology of human T cell leukemia virus and its roles in leukemogenesis of adult T cell leukemia. Yoshida M, et al. **Hamatol Bluttransfus** 1985;29:331–4

Molecular cloning and analysis of a new variant of human T-cell leukemia virus (HTLV-ib) from an African patient with adult T-cell leukemia-lymphoma. Hahn BH, et al. **Int J Cancer** 1984 Nov 15;34(5):613–8

Infectious transmission of human T-cell leukemia virus to rabbits. Miyoshi I, et al. **Int J Cancer** 1985 Jan 15;35(1):81–5

Human T-lymphotropic retroviruses in adult T-cell leukemia-lymphoma and acquired immune deficiency syndrome. Sarin PS, et al. **J Clin Immunol** 1984 Nov; 4(6):415–23 (69 ref.)

Viral aetiology of adult T-cell leukaemia. Yamamoto N, et al. **J Gen Virol** 1985 Aug;66 (Pt 8):1641–60 (141 ref.)

Ciprofloxacin for selective decontamination of the alimentary tract in patients with acute leukemia during remission induction treatment: the effect on fecal flora. Rozenberg-Arska M, et al. **J Infect Dis** 1985 Jul; 152(1):104–7

Karyotypic differences between primary cultures and cell lines from tumors with the human T-cell leukemia virus. Nowell PC, et al. **JNCI** 1984 Oct;73(4):849–52

Electron microscopic study of cell lines established from adult T-cell leukemia--coexistence of adult T-cell leukemia virus and Epstein-Barr virus. Hirose Y, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):585–93

The clinical significance of gastrointestinal decontamination in the occurrence of endogenous infections. Ozawa A, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:465–78

T4 positive human neoplastic cell lines susceptible to and permissive for HTLV-III [letter] Popovic M, et al. **Lancet** 1984 Dec 22;2(8417–18):1472–3

Epidemiology of human retroviruses. Blattner WA, et al. **Leuk Res** 1985;9(6):697–8

Viruses as risk factors or causes of human leukaemias and lymphomas? de Thé G, et al. **Leuk Res** 1985;9(6):691–6

Catalogue of Epstein-Barr virus (EBV) receptors on human malignant and non-malignant hematopoietic cell lines. Tatsumi E, et al. **Leuk Res** 1985;9(2):231–8

Clonal selection of human T-cell leukemia virus-infected cells in vivo and in vitro. Hahn B, et al. **Mol Biol Med** 1984 Feb;2(1):29–36

Human T-cell leukemia virus (HTLV-I) transcripts in fresh and cultured cells of patients with adult T-cell leukemia. Franchini G, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):6207–11

Envelope proteins of human T-cell leukemia virus: expression in Escherichia coli and its application to studies of env gene functions. Kiyokawa T, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6202–6

Adult T-cell leukemia virus, blood donors and transfusion: experience in Japan. Okochi K, et al. **Prog Clin Biol Res** 1985;182:245–56

IgG-subclass-specific CMV reactivity in bone marrow transplant recipients. Wahren B, et al. **Transplantation** 1984 Nov;38(5):479–83

Characterization of coagulase-negative staphylococci from patients with a malignancy compared with those from other sources. Hamilton-Miller JM, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2–3):368–73

[Association of retrovirus D with human malignant neoplasms] Pavliuchenkova RP, et al. **Vopr Virusol** 1984 Sep–Oct;29(5):593–6 (Eng. Abstr.) **(Rus)**

MORTALITY

Difficulty of interpreting disease-free interval curves when substantial numbers of patients die in remission [letter] Sanz MA, et al. **Cancer Treat Rep** 1985 Jul–Aug;69(7–8):924–5

A descriptive epidemiological study of hematopoietic neoplasms in Japan. Kato I, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):347–64

Prognostic factor analysis in adult acute leukemia during the period of 1973 to 1983. Miyachi H, et al. **Keio J Med** 1985 Mar;34(1):17–23

Leukemia mortality in amateur radio operators [letter] Coleman M. **Lancet** 1985 Jul 13;2(8446):106–7

US veterans: leukaemia figures in doubt [news] Budiansky S. **Nature** 1985 Jun 13–19;315(6020):532

Prognostic factors in adult patients with acute leukemia. Arimori S, et al. **Tokai J Exp Clin Med** 1983 Dec; 8(5–6):411–7

Leukaemia mortality in Trinidad and Tobago 1957–1976. Cameron E, et al. **Trop Geogr Med** 1984 Sep;36(3):255–8

[Long-term survival in acute leukemia: report of 23 cases] Hou YH, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb; 24(2):68–71, 124 (Eng. Abstr.) **(Chi)**

[Trends in leukemia mortality for child and adolescent age groups in Spain (1951–1979)] González Arráez JI, et al. **Sangre (Barc)** 1985;30(3):302–7 (Eng. Abstr.) **(Spa)**

[Improving prognosis in childhood leukemia] Rajantie J, et al. **Nord Med** 1985;100(5):148–51 (Eng. Abstr.) **(Swe)**

OCCURRENCE

Patterns of leukemias in Jordanians: a study of 378 cases. Tarawneh MS. **Acta Haematol (Basel)** 1984;72(5):335–9

Neoplastic diseases of the haemopoietic system in Ibadan: preliminary report of a prospective study. Williams CK. **Afr J Med Med Sci** 1985 Mar–Jun;14(1–2):89–94

Racial and other characteristics of human T cell leukemia/lymphoma (HTLV-I) and AIDS (HTLV-III) in Trinidad. Bartholomew C, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1243–6

Human T-cell leukemia-lymphoma virus type 1 and adult T-cell leukemia-lymphoma in Okinawa. Clark JW, et al. **Cancer Res** 1985 Jun;45(6):2849–52

Seroepidemiology of adult T-cell leukemia virus in Taiwan. Pan IH, et al. **Gann** 1985 Jan;76(1):9–11

Adult acute lymphoblastic leukaemia at University Hospital, Malaysia. Bosco JJ, et al. **Hamatol Bluttransfus** 1985; 29:67–9

Opportunities for study of lymphoid neoplasia in Africa. O'Conor GT. **IARC Sci Publ** 1984;(63):629–46

Some biological and epidemiological characteristics of human leukaemia in Africans. Williams CK. **IARC Sci Publ** 1984; (63):687–712

Multiple primary cancers associated with hematological malignancies. Nagura E, et al. **Jpn J Clin Oncol** 1985 Apr; 15 Suppl 1:211–22

Estimation of rate of incidence of ATL among ATLV (HTLV-I) carriers in Kyushu, Japan. Tajima K, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):423–30

Childhood cancer in West Cumbria [letter] **Lancet** 1985 Feb 16;1(8425):403–4

Lymphoid and haemopoietic malignancy case occurrence in UK, 1984 [letter] Cartwright RA, et al. **Lancet** 1984 Dec 1;2(8414):1270–1

Childhood leukaemia in coastal areas of West Scotland 1969–83 [letter] Gillis CR, et al. **Lancet** 1984 Oct 13; 2(8407):872

High incidence of adult acute leukaemia in north-west Lancashire [letter] Gorst DW, et al. **Lancet** 1984 Dec 15; 2(8416):1397–8

Leukaemia in electrical workers in New Zealand [letter] Pearce NE, et al. **Lancet** 1985 Apr 6;1(8432):811–2

Clustering of lymphoid and haemopoietic malignancy [letter] Swansbury GJ. **Lancet** 1985 Feb 16;1(8425):398–9

Epidemiology of leukaemia and lymphoma. Report of the Leukaemia Research Fund international workshop. Oxford, 25–27 September 1984. **Leuk Res** 1985;9(6):661–832

Leukaemia/lymphoma incidence in New Zealand: acute leukaemia subtypes in the South Island of New Zealand, 1983–1984. Beard ME, et al. **Leuk Res** 1985;9(6):803–7

Leukaemia and lymphoma in Malaysia. Bosco J, et al. **Leuk Res** 1985;9(6):789–91

Recent epidemiological studies of leukaemia in the United Kingdom. Cartwright RA. **Leuk Res** 1985;9(6):675–82

Epidemiology of leukaemias in the People's Republic of China. Chou JL, et al. **Leuk Res** 1985;9(6):777–80

Epidemiological and immunological characteristics of childhood leukaemia in The Netherlands: population-based data from a nationwide co-operative group of paediatricians. Coebergh JW, et al. **Leuk Res** 1985; 9(6):683–8

Immunological phenotype of leukaemias and lymphomas in Argentina. Fainboim L, et al. **Leuk Res** 1985;9(6):813–6

The epidemiology of lymphomas and leukaemias in Africa--an overview. Fleming AF. **Leuk Res** 1985; 9(6):735–40

Leukaemia and lymphoma in Kenya. Kasili EG. **Leuk Res** 1985;9(6):747–52

Epidemiologic and immunologic characteristics of acute lymphoblastic leukaemia and adult T-cell leukaemia in Japan. Kita K, et al. **Leuk Res** 1985;9(6):781–7

Leukaemias and lymphomas at Lucknow, India. Kushwaha MR, et al. **Leuk Res** 1985;9(6):799–802

Acute childhood leukaemia in Johannesburg. MacDougall LG. **Leuk Res** 1985;9(6):765–7

Descriptive epidemiology of childhood leukaemia and lymphoma in Great Britain. Stiller CA. **Leuk Res** 1985; 9(6):671–4

Influence of life-style on the pattern of leukaemia and lymphoma subtypes among Nigerians. Williams CK. **Leuk Res** 1985;9(6):741–5

Seascale and cancer [letter] Wakeford R. **Nature** 1984 Nov 15–21;312(5991):191

[Leukemia in Denmark 1943–1980 (letter)] Clemmesen J. **Ugeskr Laeger** 1985 Mar 11;147(11):989–90 **(Dan)**

[Leukemia in Denmark 1943–1980. Cancer statistics No. 13] Hansen NE, et al. **Ugeskr Laeger** 1984 Dec 3; 146(49):3872–5 **(Dan)**

[Breast cancer and hematological malignancy in the same patients] Horikoshi N, et al. **Gan No Rinsho** 1985 Mar; 31(3):268–74 (Eng. Abstr.) **(Jpn)**

[Anti-human T-cell leukemia virus antibody distribution in Miyazaki Prefecture] Tachibana N, et al. **Kansenshogaku Zasshi** 1984 Aug;58(8):717–22 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Trilineage acute leukaemia in combined Ph1-chromosome positivity and monosomy 7. den Ottolander GJ, et al. **Acta Haematol (Basel)** 1985;73(3):129–39

Cellular abnormalities and reduced colony-forming cells in chronic neutrophilic leukaemia. Mehrotra PK, et al. **Acta Haematol (Basel)** 1985;73(1):47–50

Reduction of granulocyte-macrophage progenitor cells (CFU-C) and fibroblastoid colony-forming units (CFU-F) by leukemic cells in human and murine leukemia. Nara N, et al. **Acta Haematol (Basel)** 1984;72(3):171–80

Human T-cell leukemia/lymphoma syndrome. Christian ES, et al. **Am Fam Physician** 1985 Jul;32(1):155–60

Leukemia cutis. A histopathologic study of 42 cases. Buechner SA, et al. **Am J Dermatopathol** 1985 Apr; 7(2):109–19

Childhood leukemia with simultaneously expressed myeloid and lymphoid markers suggesting stem cell origin. Terrin BN, et al. **Am J Hematol** 1985 Oct;20(2):175–81

Cytologic diagnosis of the acute nonlymphoid leukemias. I. Morphologic, cytochemical, and ultrastructural features. Altman AJ. **Am J Pediatr Hematol Oncol** 1985 Spring; 7(1):21–44 (82 ref.)

Preleukemic myelodysplastic syndromes (MDS): pathogenetical considerations based on retrospective clinicomorphological sequential studies. Fohlmeister I, et al. **Anticancer Res** 1985 Mar–Apr;5(2):179–88

Electrophoretic mobility of leukocytes in leukemia patients. Hołowiecki J, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(2):161–5

Leukemic cell maturation. Ross DW. **Arch Pathol Lab Med** 1985 Apr;109(4):309–13 (39 ref.)

The central nervous system leukemia: a clinical and pathological study. Lana-Peixoto MI, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):1–10

Cell-cycle differences of HL-60 leukemia cells fractionated by centrifugal elutriation. Heil MF, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):17–20

Merocyanine 540 staining of human leukemic cells: relation to stage of disease. Choquet C, et al. **Biomed Pharmacother** 1985;39(1):26–31

A method for simultaneous study of the karyotype, morphology, and immunologic phenotype of mitotic cells in hematologic malignancies. Teerenhovi L, et al. **Blood** 1984 Nov;64(5):1116–22

Phenotypic heterogeneity among stromal cell lines from mouse bone marrow disclosed in their extracellular matrix composition and interactions with normal and leukemic cells. Zipori D, et al. **Blood** 1985 Aug;66(2):447–55

A monoclonal antibody to human transferrin receptor which inhibits erythroid d[illegible]rentiation of human leukemic K-562 cells. Gambari R. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1283–5

Serial incidence of bone marrow GM-CFC prior to the development of acute non-lymphoblastic leukaemia in a child treated for non-Hodgkin's lymphoma. Haworth C, et al. **Br J Haematol** 1985 Jan;59(1):79–84

Peanut agglutinin distinguishes CALLA positive reactive bone marrow cells from leukaemic blasts [letter] Hogeman PH, et al. **Br J Haematol** 1985 Feb;59(2):392–4

Characterization of blast cells in chronic granulocytic leukaemia in transformation, acute myelofibrosis and undifferentiated leukaemia. II. Studies with monoclonal antibodies and terminal transferase. San Miguel JF, et al. **Br J Haematol** 1985 Feb;59(2):297–309

Meningeal involvement in patients with acute nonlymphocytic leukemia. Incidence, management, and predictive factors. Dekker AW, et al. **Cancer** 1985 Oct 15; 56(8):2078–82

Myelodysplastic syndromes. A clinical and pathologic analysis of 109 cases. Foucar K, et al. **Cancer** 1985 Aug 1;56(3):553–61

Leukemia relapse in long-term survivors of acute leukemia. Kawashima K, et al. **Cancer** 1985 Jul 1;56(1):88–94

Inhibition of growth of leukemic cells by inhibitors of calmodulin: phenothiazines and melittin. Hait WN, et al. **Cancer Chemother Pharmacol** 1985;14(3):202–5

Biologic and pharmacologic effects of harringtonine on human leukemia-lymphoma cells. Takemura Y, et al. **Cancer Chemother Pharmacol** 1985;14(3):206–10

Leukocyte concentration and the yields of metaphase cells in cultured peripheral blood of leukemic patients with hyperleukocytosis. Sato Y, et al. **Cancer Genet Cytogenet** 1985 May;17(1):75–8

Pathologic and clinical spectrum of post-thymic T-cell malignancies. Jaffe ES. **Cancer Invest** 1984;2(5):413–26 (78 ref.)

Morphological changes in leukemic lymphoblasts and normal lymphocytes treated with deoxyadenosine plus deoxycoformycin. Matsumoto SS, et al. **Cancer Invest** 1985; 3(3):225–33

Cellular pharmacology in murine and human leukemic cell lines of diaziquone (NSC 182986). Egorin MJ, et al. **Cancer Res** 1985 Mar;45(3):992–9

Lymph node pathology of HTLV and HTLV-associated neoplasms. Jaffe ES, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4662s–4664s

Induction of macrophage differentiation of human normal and leukemic myeloid stem cells by 1,25-dihydroxyvitamin D3 and its fluorinated analogues. Koeffler HP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5624–8

Biological nature of the effect of ascorbic acids on the growth of human leukemic cells. Park CH. **Cancer Res** 1985 Aug; 45(8):3969–73

Antitumor activity of DL-threo-beta-fluoroasparagine against human leukemia cells in culture and L1210 cells in DBA mice. Stern AM, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5614–8

Modulation of fluoropyrimidine cytotoxicity by methotrexate or 5-methyltetrahydrofolate in human leukemia cells in vitro. Mini E, et al. **Chemioterapia** 1984 Dec;3(6):343–9

T lymphomas associated with human T-cell leukemia-lymphoma virus may show phenotypic and functional differences from adult T-cell leukemias. Yamada Y, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):306–19

Colony assays of hematopoietic progenitor cells and correlations to clinical situations. Broxmeyer HE. **CRC Crit Rev Oncol Hematol** 1984;1(3):227-57 (425 ref.)

Factors affecting normal and malignant B lymphocyte precursors. Kincade PW, et al. **Curr Top Microbiol Immunol** 1984;113:104-8

The use of myeloid-specific monoclonal antibodies in the diagnosis of leukemia. Ball ED, et al. **Diagn Immunol** 1983; 1(2):90-5

Test this patient's leukemic stem cells in a non-clonogenic chemosensitivity assay, treat according to standard protocols. Hofmann V, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1119-21

Analysis of human T lymphocyte activation in a T cell tumor model system. Landegren U, et al. **Eur J Immunol** 1985 Mar;15(3):308-11

Insulin requirement of human leukemic cell lines. Garbarino G, et al. **Experientia** 1985 Aug 15;41(8):1067-8

Precursor cells of fibroblast colony forming unit in the normal and pathologic human bone marrow and in the peripheral blood. Wlodarski KH, et al. **Folia Haematol (Leipz)** 1984;111(5):686-91

Self-renewal of haemopoietic stem cells: the roles of the environment, of growth factors and of the src oncogene. Dexter TM, et al. **Hamatol Bluttransfus** 1985;29:363-71

Vitamin D: myeloid differentiation and proliferation. Koeffler HP. **Hamatol Bluttransfus** 1985;29:409-17

A model scheme of hematopoietic cell differentiation based on multiple marker analysis of leukemia-lymphomas: T cell lineage. Minowada J, et al. **Hamatol Bluttransfus** 1985; 29:426-9

Normal regulators of growth and differentiation and the reversal of malignancy in leukemia. Sachs L. **Hamatol Bluttransfus** 1985;29:353-62

In vitro determination of tumour chemosensitivity in haematological malignancies. Bird MC, et al. **Hematol Oncol** 1985 Jan-Mar;3(1):1-10

Acute leukemias of childhood: pathologic features. Swerdlow SH, et al. **Hematol Oncol** 1985 Apr-Jun;3(2):99-131

Central nervous system in leukaemia. Baruah MK, et al. **Indian J Med Res** 1984 Sep;80:300-6

Colony formation in the absence of added growth factors by peripheral blood T-cell colony-forming cells of patients with T-cell malignancies. Georgoulias V, et al. **Int J Cancer** 1984 Oct 15;34(4):471-7

Establishment and characterization of human myelomonocytic (TYS) and histiocytic (TYH) cell lines. Haranaka K, et al. **Int J Cancer** 1985 Sep 15;36(3):313-9

CFU-gm colony formation of peripheral blood and bone marrow in adult acute leukemia at presentation, during remission, and at relapse. Jehn U, et al. **Int J Cell Cloning** 1985 Jul;3(4):199-213

The effect of bone marrow stromal cells on the cloning of human leukemia/lymphoma cell lines. Seshadri R, et al. **Int J Cell Cloning** 1984 Sep;2(5):277-85

High radiosensitivity of the MOLT-4 leukaemic cell line. Szekely JG, et al. **Int J Radiat Biol** 1985 Aug;48(2):277-84

Effects of ethanol, CBD and delta 'THC on proliferation of K-562 cells. Dvilansky A, et al. **Int J Tissue React** 1984; 6(5):409-12

The role of iron in the growth of human leukemic cell lines. Titeux M, et al. **J Cell Physiol** 1984 Oct;121(1):251-6

Biphenotypic leukemia in treated Hodgkin's disease [letter] San Miguel JF, et al. **J Clin Pathol** 1984 Nov;37(11):1314-5

Time-dependent cytotoxic action of human recombinant alpha-interferon (Ro22-8181) in vitro and the sensitivity of various cultured leukemia and lymphoma cell lines to it. Shibata T, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):67-75

Differential sensitivities of long-term cultured cell lines derived from human haematopoietic malignancies to various anti-cancer drugs. Morikawa K, et al. **Jpn J Med** 1985 Feb;24(1):87-8

Hodgkin-cell leukaemia of B-cell origin. Linch DC, et al. **Lancet** 1985 Jan 12;1(8420):78-80

The molecular basis for the differential sensitivity of B and T lymphocytes to growth inhibition by thymidine and 5-fluorouracil. el-Assouli SM. **Leuk Res** 1985;9(3):391-8

Hybrid acute leukemia. Ben-Bassat I, et al. **Leuk Res** 1984; 8(6):929-36

Effect of 4-hydroperoxycyclophosphamide on leukemic and normal human myeloid progenitor cells. Delforge A, et al. **Leuk Res** 1985;9(5):583-6

Low-dose cytarabine: chromosomal findings suggesting its cytostatic as well as differentiating effect. Hossfeld DK, et al. **Leuk Res** 1985;9(2):329-30

Rapid morphological and substratum adherence response by hairy cell and other human leukemic cells to phorbol ester tumor promoters. Lockney MW, et al. **Leuk Res** 1985; 9(2):297-304

CFU-C abnormalities and cytochemical defects in bone marrow of adult patients during remission of acute leukemia. Matsuo T, et al. **Leuk Res** 1985;9(5):613-6

Acute erythroblastic leukemia presenting as acute undifferentiated leukemia: a report of two cases with ultrastructural features. Reiffers J, et al. **Leuk Res** 1985; 9(3):413-20

Acute undifferentiated leukemia: induction of partial differentiation by phorbol ester. Shkolnik T, et al. **Leuk Res** 1985;9(1):11-7

Immunological characterization of the leukemic megakaryocytic line at light and electron microscopic levels. Tabilio A, et al. **Leuk Res** 1984;8(5):769-81

The cell biology of leukaemia [clinical conference] Iland H. **Med J Aust** 1985 Sep 16;143(6):245-7

Leukemic cell-associated inhibitory activity against CFU-C of normal bone marrow. Itoh K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):47-54

Analysis of the effect of L-asparaginase on the cell cycle of leukemic T-cells by flow cytometry. Takase K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):159-63

In vitro assessment of drug sensitivity in acute nonlymphocytic leukemia. Preisler HD, et al. **Recent Results Cancer Res** 1984;94:102-15

Short-term in vitro sensitivity testing in acute leukemia. Schwarzmeier JD, et al. **Recent Results Cancer Res** 1984; 94:116-26

Diabetes insipidus in the preleukaemic phase of acute non-lymphocytic leukaemia. A monosomy 7-associated condition? [letter] Montecucco C, et al. **Scand J Haematol** 1984 Sep;33(3):326-7

Treatment of therapy-resistant Sézary syndrome with Cyclosporin-A: suppression of pruritus, leukaemic T cell activation markers and tumour mass. Tötterman TH, et al. **Scand J Haematol** 1985 Feb;34(2):196-203

Heterogeneous acute leukemias. Brody JP, et al. **South Med J** 1984 Nov;77(11):1461-4

Growth factors for human lymphoid neoplasms. Ford RJ, et al. **Symp Fundam Cancer Res** 1984;37:233-40

[Invasive aspergillosis in patients who died from acute leukemia] Gerdzhikova P, et al. **Vutr Boles** 1985; 24(1):127-33 (Eng. Abstr.) **(Bul)**

[Estimation of the bone marrow cell cycle time in human acute leukemia] Chen SS, et al. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):154-5 (Eng. Abstr.) **(Chi)**

[Cloning assay of human lymphocytes and leukemic cell lines by limiting dilution in microculture] Wan JH. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):292-4 (Eng. Abstr.) **(Chi)**

[Human leukemic bone marrow cells in vivo culture] Fei RG. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):739-42, 790 (Eng. Abstr.) **(Chi)**

[Use of stabilized human cell lines derived from hematopoietic cells as models for testing cytostatics] Koubek K, et al. **Cesk Farm** 1984 Jul;33(6):238-43 (Eng. Abstr.) **(Cze)**

[Deletion of chromosome 5 in the myelodysplastic syndrome and in acute nonlymphocytic leukemia] Musilová J, et al. **Vnitr Lek** 1984 Oct;30(10):984-92 (Eng. Abstr.) **(Cze)**

[In vitro study of bone marrow from leukemia patients and patients without hematologic disease] Varga G, et al. **Folia Haematol (Leipz)** 1985;112(1):125-33 (Eng. Abstr.) **(Ger)**

[Symposium on treatment of cancer. Supplement 2. Differential sensitivities of long-term cultured cell lines derived from human haematopoietic malignancies to various anti-cancer drugs] Morikawa K, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1625-7 **(Jpn)**

[A case report of leukemic follicular lymphoma] Nohno R, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1860-6 (Eng. Abstr.) **(Jpn)**

[Anatomopathological aspects of leukemias] Silva MR, et al. **Rev Paul Med** 1984 Jul-Aug;102(4):155-8 (Eng. Abstr.) **(Por)**

[Effect of phytohemagglutinin, pokeweed mitogen and blood serum on the in vitro cloning of normal hematopoietic cells and in leukemias] Kulibaba TG. **Eksp Onkol** 1985;7(1):42-5 (Eng. Abstr.) **(Rus)**

[Central nervous system lesions in leukemia in children] Vasil'ev AV. **Vopr Onkol** 1985;31(7):73-6 (Eng. Abstr.) **(Rus)**

[Hand mirror cell leukemia] Abelovič M, et al. **Vnitr Lek** 1984 Aug;30(8):805-8 (Eng. Abstr.) **(Slo)**

PHYSIOPATHOLOGY

Microvascular changes in hyperleukocytic leukaemia [letter] Milligan DW, et al. **Br J Haematol** 1984 Oct;58(2):380-1

Abnormal expression pattern of Tac and T9 antigens on in vitro activation of leukemic T cells. Tsuda H, et al. **J Clin Immunol** 1985 Mar;5(2):109-14

Regulation of cerebral blood flow in response to changes in blood viscosity. Brown MM, et al. **Lancet** 1985 Mar 16;1(8429):604-9

Human B-cell precursor leukemias. Korsmeyer SJ, et al. **Surv Synth Pathol Res** 1984;3(6):510-9

[Comparative characteristics of the adrenal and gonadal functions in human beings and hamadryas baboons with hemoblastosis] Goncharova ND, et al. **Eksp Onkol** 1985; 7(3):47-50 (Eng. Abstr.) **(Rus)**

[Positive feedback mechanisms by which malignant tumors stimulate their own growth] Pekić V, et al. **Srp Arh Celok Lek** 1984 Jan;112(1):1-9 (Eng. Abstr.) **(Scc)**

PREVENTION & CONTROL

Current status and strategies for vaccines against diseases induced by human T-cell lymphotropic retroviruses (HTLV-I, -II, -III). Fischinger PJ, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4694s-4699s (40 ref.)

Prophylaxis and treatment of leukemia in the central nervous system and other sanctuaries. Bleyer WA, et al. **Semin Oncol** 1985 Jun;12(2):131-48 (91 ref.)

PSYCHOLOGY

[Concept of the double as a problem of relationships in problems of leukemia and terminal cancer patients and its appearance in art therapy] Dreifuss E, et al. **Z Psychosom Med Psychoanal** 1984;30(3):282-91 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

CT findings in leukemia. Heiberg E, et al. **AJR** 1984 Dec; 143(6):1317-23

Computerized tomography in intracranial manifestations of malignant blood diseases. Picard L, et al. **J Neuroradiol** 1985;12(1):45-60 **(Eng, Fre)**

[Radiological diagnosis of neoplastic disorders of the hematopoietic system] Ohsawa T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1449-69 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

A case of adult T-cell leukemia with metastatic calcification. Togawa T, et al. **Eur J Nucl Med** 1985;10(1-2):90-2

[Gallium scintigraphy in adult T-cell leukemia-lymphoma and angioimmunoblastic lymphoadenopathy with dysproteinemia] Shiozaki H, et al. **Kaku Igaku** 1984 Dec; 21(12):1605-11 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

Adjuvant low dose radiation in childhood T cell leukaemia/lymphoma (report from the United Kingdom Childrens' Cancer Study Group--UKCCSG). Mott MG, et al. **Br J Cancer** 1984 Oct;50(4):457-62

Risk groups in a multicenter pilot study for treatment of acute lymphoblastic and acute undifferentiated leukemia in adults. Hoelzer D, et al. **Hamatol Bluttransfus** 1985; 29:48-50

Radiation response of human normal and leukemic hemopoietic cells assayed by in vitro colony formation. Kimler BF, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr; 11(4):809-16

Treatment of malignant conditions of the haematological system. Lampert M. **Radiography** 1984 Nov-Dec; 50(594):281-4

[Radiotherapy of the central nervous system in acute leukemia] Shen WJ. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):217-9 (Eng. Abstr.) **(Chi)**

[Total body irradiation by X-ray for adult T-cell leukemia] Koga K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25;45(4):622-9 (Eng. Abstr.) **(Jpn)**

SECONDARY

Characteristics of secondary acute nonlymphocytic leukemias. Cytological aspects (a review). Raposa T, et al. **Folia Haematol (Leipz)** 1984;111(2):180-5

Secondary tumors of the prostate. Zein TA, et al. **J Urol** 1985 Apr;133(4):615-6

SECRETION

Release of platelet-activating factor in human leukemia. Foa R, et al. **Cancer Res** 1985 Sep;45(9):4483-5

THERAPY

Evaluation of bone marrow transplantation for haematological disorders. Tricot G, et al. **Acta Clin Belg** 1985;40(2):75-83

Bone marrow transplantation. Speck B. **Acta Haematol (Basel)** 1984;72(3):145-54

Platelet transfusion therapy in acute leukemia: lack of effect of splenomegaly on transfusion requirements and risk of hemorrhage. Witzig TE, et al. **Am J Hematol** 1985 Apr; 18(4):345-50

Bone marrow transplantation or chemotherapy after remission induction for adults with acute nonlymphoblastic leukemia. A prospective comparison. Appelbaum FR, et al. **Ann Intern Med** 1984 Nov;101(5):581-8

Risks and benefits of intensive treatment of acute leukaemia [editorial] Chessells JM. **Arch Dis Child** 1985 Mar; 60(3):193-5

Bone marrow transplantation for acute nonlymphocytic leukemia in first remission: analysis of prognostic factors. Bostrom B, et al. **Blood** 1985 May;65(5):1191-6

Cyclosporine as prophylaxis for graft-versus-host disease: a randomized study in patients undergoing marrow transplantation for acute nonlymphoblastic leukemia. Deeg HJ, et al. **Blood** 1985 Jun;65(6):1325-34

Autologous bone marrow transplantation in acute leukemia: a phase I study of in vitro treatment of marrow with 4-hydroperoxycyclophosphamide to purge tumor cells. Kaizer H, et al. **Blood** 1985 Jun;65(6):1504-10

Adult T cell leukemia: a potential target for ricin A chain immunotoxins. Krönke M, et al. **Blood** 1985 Jun; 65(6):1416-21

Marrow transplantation for children in first remission of acute nonlymphoblastic leukemia: an update. Sanders JE, et al **Blood** 1985 Aug;66(2):460-2

No influence of number of donor CFU-GM on granulocyte recovery in bone marrow transplantation for acute leukemia. Torres A, et al. **Blut** 1985 Feb;50(2):89-94

Lack of correlation between nucleated bone marrow cell dose, marrow CFU-GM dose or marrow CFU-E dose and the rate of HLA-identical sibling marrow engraftment. Atkinson K, et al. **Br J Haematol** 1985 Jun;60(2):245-51

Late relapse of acute nonlymphoblastic leukaemia 6 years following allogeneic bone marrow transplantation [letter] Mahmoud HK, et al. **Br J Haematol** 1985 Apr;59(4):731-2

Treatment of acute leukemia in adults with chemoradiotherapy and bone marrow transplantation. Appelbaum FR, et al. **Cancer** 1985 May 1;55(9 Suppl):2202-9 (75 ref.)

The hematologic malignancies. Leukemia, lymphoma, and myeloma. Freireich EJ, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2741-50 (65 ref.)

Bone marrow transplantation in leukemia. Current status. Santos GW. **Cancer** 1984 Dec 1;54(11 Suppl):2732-40 (81 ref.)

Results of a pilot study for the treatment of childhood acute nonlymphoblastic leukemia. Vowels MR, et al. **Cancer** 1985 May 15;55(10):2337-41

Allogeneic bone marrow transplantation for acute leukemia refractory to induction chemotherapy. Zander AR, et al. **Cancer** 1985 Sep 15;56(6):1374-9

Estimate of overall treatment results in acute nonlymphocytic leukemia based on age-specific rates of incidence and of complete remission. Brincker H. **Cancer Treat Rep** 1985 Jan;69(1):5-11

A follow-up and case tracing exercise. Levy LM, et al. **Cent Afr J Med** 1985 Mar;31(3):49-52

Flow cytometric detection of a two-step cell death induced by hyperthermia. Böhmer RM. **Cytometry** 1985 May; 6(3):215-8

Cyclosporin A in marrow transplantation for leukemia and aplastic anemia. Bacigalupo A, et al. **Exp Hematol** 1985 May;13(4):244-8

Secondary malignancies after marrow transplantation. Deeg HJ, et al. **Exp Hematol** 1984 Sep;12(8):660-6

Recombinant immune interferon inhibits leukemic cell growth by a monocyte-macrophage-mediated mechanism. Hosoi T, et al. **Exp Hematol** 1985 Aug;13(7):597-602

Autologous marrow transplantation in patients with acute nonlymphocytic leukemia in first remission. Stewart P, et al. **Exp Hematol** 1985 May;13(4):267-72

Results of intrathecal prophylaxis and treatment of CNS involvement in adult acute leukaemias. Pawelski S, et al. **Folia Haematol (Leipz)** 1984;111(2):208-12

Summary overview of clinical session. Clarkson B. **Hamatol Bluttransfus** 1985;29:96-101

Red cell transfusions for polytransfused patients. Goldmann SF. **Hamatol Bluttransfus** 1985;29:102-6

T cell depletion of donor marrow for prevention of acute graft-versus-host disease. Martin PJ, et al. **Hamatol Bluttransfus** 1985;29:42-3

Allogeneic marrow transplantation from HLA-identical siblings in the acute leukemias: Baltimore experience. Santos GW. **Hamatol Bluttransfus** 1985;29:31-3

Interstitial pneumonitis following total body irradiation for bone marrow transplantation using two different dose rates. Kim TH, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul; 11(7):1285-91

Statistical analysis of favorable prognostic factors in allogeneic bone marrow transplantation for acute leukemia in Japan. Inoue T, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:563-71

Sixteen adult patients with acute leukemia treated by chemotherapy, total body irradiation and allogeneic marrow transplantation. Kodera Y, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:479-85

Successful allogeneic bone marrow transplantation for three children with acute nonlymphocytic leukemia. Ohira M, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:487-93

Bone marrow transplantation in the treatment of acute leukemia. Harada M. **Jpn J Med** 1985 Feb;24(1):86-7

Leukemia--present and future [editorial] Wakisaka G. **Jpn J Med** 1985 Feb;24(1):1-2

Leukaemia and the central nervous system [editorial] **Lancet** 1985 May 25;1(8439):1196-8

Chromosome abnormalities after autologous bone marrow transplantation with marrow treated by cyclophosphamide derivatives [letter] van den Akker J, et al. **Lancet** 1985 May 25;1(8439):1211-2

Leukemia. Howe RB. **Minn Med** 1984 Oct;67(10):555

Marrow transplantation from related donors other than HLA-identical siblings. Beatty PG, et al. **N Engl J Med** 1985 Sep 26;313(13):765-71

The cost of treating leukemia in a research setting [letter] Boros L. **N Engl J Med** 1984 Nov 8;311(19):1260

Complications from long-term indwelling central venous catheters, with special reference to infections. Kappers-Klunne MC, et al. **Neth J Med** 1985;28(5):192-6

Acute leukemia and pregnancy: a review of management and outcome, 1972-1982. Catanzarite VA, et al. **Obstet Gynecol Surv** 1984 Nov;39(11):663-78 (66 ref.)

Acute nonlymphocytic leukemia. Grier HE, et al. **Pediatr Clin North Am** 1985 Jun;32(3):653-68 (67 ref.)

Bone marrow transplantation in the management of childhood cancer. Quinn JJ. **Pediatr Clin North Am** 1985 Jun;32(3):811-33 (122 ref.)

Gnotobiotics and human marrow transplantation. Buckner CD. **Prog Clin Biol Res** 1985;181:423-7

The influence of the microbial flora on incidence of graft-versus-host disease in human allogeneic bone marrow transplantation. Schmeiser T, et al. **Prog Clin Biol Res** 1985; 181:433-5

Merocyanine 540-mediated photosensitization of leukemia and solid tumor cells. Sieber F. **Prog Clin Biol Res** 1985; 172B:227-34

Bone marrow transplantation for acute leukemia and lymphoma with high-dose cytosine arabinoside and total body irradiation. Herzig RH, et al. **Semin Oncol** 1985 Jun; 12(2 Suppl 3):184-6

The limited role of splenectomy in patients with leukemia. Coon WW. **Surg Gynecol Obstet** 1985 Apr;160(4):291-4

Autologous bone marrow transplantation in acute leukemia. Dicke KA, et al. **Surv Synth Pathol Res** 1985;4(1):84-96 (52 ref.)

Extracorporeal photopheresis. Edelson RL. **Trans Am Soc Artif Intern Organs** 1984;30:674-5

The use of partially matched, unrelated donors in clinical bone marrow transplantation. Gingrich RD, et al. **Transplantation** 1985 May;39(5):526-32

Percoll separation of leukemic leukocytes for MLC matching prior to bone marrow transplantation. Hakos G, et al. **Transplantation** 1985 Mar;39(3):323-6

Neopterin as a new biochemical marker in the clinical monitoring of bone marrow transplant recipients. Niederwieser D, et al. **Transplantation** 1984 Nov; 38(5):497-500

Pharmacokinetics of intravenous cyclosporine in bone marrow transplant patients. Comparison of two assay methods. Yee GC, et al. **Transplantation** 1984 Nov; 38(5):511-3

Therapeutic cytapheresis using the Fenwal CS-3000 blood cell separator. Steeper TA, et al. **Vox Sang** 1985; 48(4):193-200

[Sustained engraftment of allogenic bone marrow transplant for the treatment of leukemia--report of 3 cases] Lu DP. **Chung Hua Nei Ko Tsa Chih** 1984 Nov;23(11):657-61 (Eng. Abstr.) **(Chi)**

[Bone marrow transplantation in leukemia and aplastic anemia: experience with 40 patients] Volin L, et al. **Duodecim** 1984;100(20):1305-12 (Eng. Abstr.) **(Fin)**

[Bone marrow transplantation in panmyelopathies and leukemias with special regard to gnotobiotic measures] Schaefer UW, et al. **Dtsch Med Wochenschr** 1984 Dec 14; 109(50):1909-13 (Eng. Abstr.) **(Ger)**

[Initial results in allo- and auto-bone marrow transplantation in acute leukemia in East Germany] Kubel M, et al. **Folia Haematol (Leipz)** 1984;111(2):249-56 **(Ger)**

[Bone marrow transplantation in panmyelopathy, acute leukemia and chronic myelocytic leukemia: results of the Ulm Transplantation Group] Arnold R, et al. **Klin Wochenschr** 1984 Jun 15;62(12):577-85 (Eng. Abstr.) **(Ger)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in hematological malignancies] **Gan To Kagaku Ryoho** 1985 Apr;12(4):928-35 (Eng. Abstr.) **(Jpn)**

[Bone marrow transplantation] Masaoka T. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2099-105 (Eng. Abstr.) **(Jpn)**

[Symposium on treatment of cancer. Supplement 1. Bone marrow transplantation in the treatment of acute leukemia] Harada M. **Nippon Naika Gakkai Zasshi** 1984 Nov; 73(11):1622-4 **(Jpn)**

[Use of cyclosporin A in 5 leukemia patients receiving allogeneic bone marrow transplantation] Akao Y, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1417-26 (Eng. Abstr.) **(Jpn)**

[Advance of bone marrow transplantation in Seattle--in focus on clinical cases] Ito T, et al. **Rinsho Ketsueki** 1984 Jun;25(6):844-51 (Eng. Abstr.) **(Jpn)**

[Central venous access in children with acute leukemia--multipurpose use of central venous catheter] Ueno N, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1915-20 (Eng. Abstr.) **(Jpn)**

[Bone marrow transplantation. Indications in adult patients with leukemia or aplastic anemia] Evensen SA, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1542-4 (Eng. Abstr.) **(Nor)**

[Use of blood and blood preparations in hematologic neoplasms and immunologic deficiency syndromes. III] Ochocka M. **Pediatr Pol** 1984 Dec;59(12):1039-45 (72 ref.) **(Pol)**

[Participation of a physician in the cooperation between a sick child and his family during treatment of neoplastic blood disease] Zdebska S, et al. **Pediatr Pol** 1985 Jan; 60(1):45-9 (Eng. Abstr.) **(Pol)**

[Advances in the treatment of acute non-lymphoblastic leukemia in adults] Brodzki LM. **Pol Tyg Lek** 1984 May 21;39(21):723-7 (58 ref.) **(Pol)**

[Methods of influencing immunity in leukemia] Abdulkadyrov KM, et al. **Gematol Transfuziol** 1984 Nov; 29(11):8-11 (Eng. Abstr.) **(Rus)**

[Polychemotherapy, hemosorption and blastapheresis in the treatment of patients with acute leukemia] Abdulkadyrov KM, et al. **Gematol Transfuziol** 1985 Apr;30(4):8-13 (Eng. Abstr.) **(Rus)**

[Method of obtaining immune RNA for use in the complex treatment of leukemia] Blinov IN, et al. **Gematol Transfuziol** 1985 Apr;30(4):26-9 (Eng. Abstr.) **(Rus)**

[Various indices of natural immunity after transfusion of packed leukocytes into hemoblastosis patients] Fainshtein FE, et al. **Gematol Transfuziol** 1984 Sep;29(9):13-6 (Eng. Abstr.) **(Rus)**

[Hemosorption combined with intensive measures in hemoblastoses] Abdulkadyrov KM, et al. **Vopr Onkol** 1985; 31(6):43-8 (Eng. Abstr.) **(Rus)**

[Prophylactic effect of enteral feeding preparations during the chemotherapy of oncology patients] Syzrantsev IuK, et al. **Vopr Pitan** 1985 Jan-Feb;(1):24-7 (Eng. Abstr.) **(Rus)**

[Chronic leukemia. Present status of diagnosis and therapy] Ristić M, et al. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1393-412 (Eng. Abstr.) **(Scc)**

[Results of the therapy of acute leukemia during 10 years (1972-1982)] Krpan-Antonin N, et al. **Bilt Hematol Transfuz** 1983;11(2-3):71-8 (Eng. Abstr.) **(Scr)**

[Diagnosis and treatment of acute leukemia] Ristić MS. **Bilt Hematol Transfuz** 1982;10(2-3):27-50 **(Scr)**

[Immunotherapy of acute leukemias] Popović SL. **Med Pregl** 1984;37(7-8):331-4 (Eng. Abstr.) **(Scr)**

TRANSMISSION

Transfusion-mediated spread of the human T-cell leukemia virus in chronic hemodialysis patients in a heavily endemic area, Nagasaki. Hino S, et al. **Gann** 1984 Dec;75(12):1070-5

Search for possible routes of vertical and horizontal transmission of adult T-cell leukemia virus. Nakano S, et al. **Gann** 1984 Dec;75(12):1044-5

Interferons inhibit syncytia-forming ability and in vitro transmission of human T-cell leukemia virus. Nishida J, et al. **Gann** 1985 Apr;76(4):249-52

Oral transmission of human T-cell leukemia virus type-I into a common marmoset (Callithrix jacchus) as an experimental model for milk-borne transmission. Yamanouchi K, et al. **Gann** 1985 Jun;76(6):481-7

Recent progress in adult T-cell leukemia research: transmission of human T-cell leukemia virus to animals. Miyoshi I. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec; 47(8):1535-41

ULTRASTRUCTURE

Morphologic aspects of the leading lamella in locomotive normal and neoplastic blood cells. A study by scanning electron microscopy (SEM). Haemmerli G, et al. **Blood Cells** 1984;10(1):23-36

Comparison of eosinophils in acute nonlymphocytic leukaemia associated with the t(8;21) and inv(16). Bitter MA, et al. **Br J Haematol** 1985 Jan;59(1):185-8

Characterization of blast cells in chronic granulocytic leukaemia in transformation, acute myelofibrosis and undifferentiated leukaemia. I. Ultrastructural morphology and cytochemistry. Polli N, et al. **Br J Haematol** 1985 Feb; 59(2):277-96

Ultrastructural analysis of normal and leukaemic cells by the immunogold method and monoclonal antibodies. Matutes E, et al. **Hamatol Bluttransfus** 1985;29:174-9

Homology of the rat basophilic leukemia cell and the rat mucosal mast cell. Seldin DC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3871-5

Lactoferrin receptors in normal and leukaemic human blood cells. Birgens HS, et al. **Scand J Haematol** 1984 Sep; 33(3):275-80

VETERINARY

Leukaemic neoplasia in free-living mammals in Denmark. Elvestad K, et al. **Acta Vet Scand** 1985;26(1):61-71

Clinicopathologic responses in cats with feline leukemia virus-associated leukemia-lymphoma treated with staphylococcal protein A. Engelman RW, et al. **Am J Pathol** 1985 Mar;118(3):367-78

Role of insects in the transmission of bovine leukosis virus: potential for transmission by stable flies, horn flies, and tabanids. Buxton BA, et al. **Am J Vet Res** 1985 Jan; 46(1):123-6

Comparison of the commercial agar-gel immunodiffusion test and radioimmunoprecipitation assay for detection of antibodies to bovine leukemia virus. Jacobsen KL, et al. **Am J Vet Res** 1985 Jul;46(7):1430-3

Blood from bovine leukemia virus-infected cattle: antigen production correlated with infectivity. Miller LD, et al. **Am J Vet Res** 1985 Apr;46(4):808-10

Feline leukaemia viruses: molecular biology and pathogenesis. Neil JC, et al. **Anticancer Res** 1985 Jan-Feb; 5(1):49-63 (126 ref.)

Comparison of the gel immunodiffusion test with virus neutralization test employing vesicular stomatitis virus (bovine leukemia virus) pseudotypes in the serological detection of enzootic bovine leukemia. Balgavá SI, et al. **Arch Exp Veterinarmed** 1984 Jul;38(4):493-6

Factors affecting the infectivity of lymphocytes from cattle with bovine leukosis virus. Buxton BA, et al. **Can J Comp Med** 1984 Oct;48(4):365-9

Serological study of the incidence and prevalence of antibodies to bovine leukemia virus in aged sera. Hugh-Jones ME, et al. **Can J Comp Med** 1984 Oct; 48(4):422-4

Hypercalcemia in cats with feline-leukemia-virus-associated leukemia-lymphoma. Engelman RW, et al. **Cancer** 1985 Aug 15;56(4):777-81

Antitumor activity of protein A administered intravenously to pet cats with leukemia or lymphosarcoma. Harper HD, et al. **Cancer** 1985 May 1;55(9):1863-7

Characterization of the blood lymphocyte population in cattle infected with the bovine leukemia virus. Esteban EN, et al. **Cancer Res** 1985 Jul;45(7):3225-30

Bovine leukemia virus. Ghysdael J, et al. **Curr Top Microbiol Immunol** 1984;112:1-19 (127 ref.)

Methylation pattern of the bovine leukemia provirus genome in bovine leukemic cells. Ogawa Y, et al. **Gann** 1985 Jan; 76(1):5-8

Feline leukaemia virus. Jarrett O. **In Pract** 1985 Jul;7(4):125-6

Clinicopathologic aspects of acute leukemias in the dog. Couto CG. **J Am Vet Med Assoc** 1985 Apr 1;186(7):681-5

Suspected feline leukemia virus infection and pancytopenia in a western cougar. Meric SM. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1390-1

Rheumatoid factors in natural retrovirus infections of the cat and cattle. Ungar-Waron H, et al. **J Comp Pathol** 1985 Jul;95(3):399-403

Animal models: lessons from feline and bovine leukaemia virus infections. Onions D. **Leuk Res** 1985;9(6):709-11

A survey for maternal antibodies to bovine leukemia virus (BLV) in calves born to cows infected with BLV. Ohshima K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):583-6

Development of practical ELISA for detection of antibodies to bovine leukemia virus: a comparison of its sensitivity with that of virus neutralization and agar gel immunodiffusion tests. Takahashi K, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):193-200

Enzyme histochemical studies on bovine leukemia cells. Yoshikawa T, et al. **Nippon Juigaku Zasshi** 1984 Aug; 46(4):541-7

Remission of leukemia and loss of feline leukemia virus in cats injected with Staphylococcus protein A: association with increased circulating interferon and complement-dependent cytotoxic antibody. Liu WT, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6471-5

Zoonotic diseases of cats. August JR, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Sep; 14(5):1117-51 (177 ref.)

Serodiagnostic aids and management practice for feline retrovirus and coronavirus infections. Barlough JE. **Vet Clin North Am [Small Anim Pract]** 1984 Sep; 14(5):955-69 (58 ref.)

An attempt to protect calves against experimental bovine leukosis using allografts. Roberts DH, et al. **Vet Microbiol** 1985 Apr;10(3):231-9

Cytochemical characterization of leukemic cells from 20 dogs. Facklam NR, et al. **Vet Pathol** 1985 Jul;22(4):363-9

Ultrastructural morphology of leukemic cells in the cat. Grindem CB. **Vet Pathol** 1985 Mar;22(2):147-55

Eosinophilic leukaemia in the cat: a case report. Finlay D. **Vet Rec** 1985 May 25;116(21):567

Infectivity of enzootic bovine leukosis infected animals during the incubation period. Roberts DH, et al. **Vet Rec** 1985 Mar 23;116(12):310-3

[Comparative studies of blood sera and lactosera by agar gel precipitation (AGP) in enzootic leukemia in cows] Arnaudov Kh, et al. **Vet Med Nauki** 1984;21(9):7-11 (Eng. Abstr.) **(Bul)**

[Histogenesis of leukemic changes in cows] Dimitrov A, et al. **Vet Med Nauki** 1985;22(2):35-42 (Eng. Abstr.) **(Bul)**

[Importance of saliva and colostrum in leukemia transmission in cattle] Genov IN, et al. **Vet Med Nauki** 1984; 21(7-8):68-73 (Eng. Abstr.) **(Bul)**

[Role of vertical transmission and seminal fluid in the infectious leukemia process] Tsutsumanski V, et al. **Vet Med Nauki** 1984;21(7-8):62-7 (Eng. Abstr.) **(Bul)**

[Histochemical changes in leukemia in cattle] Veselinova A, et al. **Vet Med Nauki** 1985;22(2):43-9 (Eng. Abstr.) **(Bul)**

[Detection of cytotoxic antibodies in the serum of cattle with leukemia] Granátová M, et al. **Vet Med (Praha)** 1985 Aug; 30(8):449-56 (Eng. Abstr.) **(Cze)**

[Experiments on the production of monoclonal antibodies against lymphocyte antigens in cattle with enzootic cattle leukosis] Behn I, et al. **Allerg Immunol (Leipz)** 1985; 31(1):25-8 (Eng. Abstr.) **(Ger)**

[Production of gp 51 of bovine leukosis virus in tumor tissue cells without lysis of cells by cytotoxic antibodies against gp 51] Ristau E, et al. **Arch Exp Veterinarmed** 1984 Sep; 38(5):722-8 (Eng. Abstr.) **(Ger)**

[Reactivity of sheep to the application of plasma membranes from cattle lymph node tumors] Ristau E, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):58-62 (Eng. Abstr.) **(Ger)**

[Equine leukosis. 1. Nomenclature, clinical aspects and pathology (review)] Jaeschke G, et al. **Berl Munch Tierarztl Wochenschr** 1985 Mar 1;98(3):88-94 (52 ref.) (Eng. Abstr.) **(Ger)**

[Equine leukosis. 2. Clinical aspects and pathology in our own patients] Jaeschke G, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):202-8 (Eng. Abstr.) **(Ger)**

[Comparative serological studies of blood and milk samples for the diagnosis of enzootic leukosis in cattle using AGIDT and ELISA] Bauer T, et al. **DTW** 1984 Sep 7; 91(9):313-4, 317 (Eng. Abstr.) **(Ger)**

[Effective control of bovine leukosis in Lower Saxony based on the example of the Nienburg/Weser District] Schmoldt HH, et al. **DTW** 1984 Nov 22;91(11-12):406-8 (Eng. Abstr.) **(Ger)**

[Occurrence of enzootic bovine leukosis in Papua New Guinea] Wernery U, et al. **DTW** 1985 May 7;92(5):170-2 (Eng. Abstr.) **(Ger)**

[Seroepidemiologic study of the occurrence of enzootic bovine leukosis in Switzerland using agar gel immunodiffusion and ELISA in blood and milk serum] Vincenz E, et al. **Schweiz Arch Tierheilkd** 1985 Mar; 127(3):185-203 (Eng. Abstr.) **(Ger)**

[Clinical aspects of infection with feline leukemia virus in cats] Theilen GH. **Tierarztl Prax** 1984;12(4):511-22 (17 ref.) (Eng. Abstr.) **(Ger)**

[Leukemogenesis and bone marrow hematopoietic disorders in baboons with immunoblastic malignant lymphomas of B- and T-cell types] Iakovleva LA, et al. **Vopr Onkol** 1985; 31(1):79-87 (Eng. Abstr.) **(Rus)**

LEUKEMIA, ALEUKEMIC see **LEUKEMIA, SUBLEUKEMIC**

LEUKEMIA, EXPERIMENTAL

ANALYSIS

Lysosome-associated membrane proteins: characterization of LAMP-1 of macrophage P388 and mouse embryo 3T3 cultured cells. Chen JW, et al. **Arch Biochem Biophys** 1985 Jun;239(2):574-86

High calcium content of pleiotropic drug-resistant P388 and K562 leukemia and Chinese hamster ovary cells. Tsuruo T, et al. **Cancer Res** 1984 Nov;44(11):5095-9

Interleukin-1 from P388D1: effects upon neutrophils, plasma iron, and fibrinogen in rats, mice, and rabbits. Kampschmidt RF, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):197-200

[Proton magnetic resonance spectra of lymphocytes in experimental leukemia] Shkarin PIu, et al. **Dokl Akad Nauk SSSR** 1985;281(4):981-3 **(Rus)**

BLOOD

Molecular and cellular mechanisms of leukemic hemopoietic cell differentiation: an analysis of the Friend system. Tsiftsoglou AS, et al. **Anticancer Res** 1985 Jan-Feb; 5(1):81-99 (134 ref.)

Loss of suppression of normal bone marrow colony formation by leukemic cell lines after differentiation is induced by chemical agents. Steinberg HN, et al. **Blood** 1985 Jan; 65(1):100-6

Differentiation of Abelson murine leukemia virus-infected promonocytic leukemia cells. Hines DL. **Int J Cancer** 1985 Aug 15;36(2):233-9

Reconstitution of the W/Wv stem cell differentiation defect by infection with Rauscher leukemia virus. Merchav S, et al. **JNCI** 1985 Aug;75(2):361-8

Role of cyclic AMP in antiserum-induced growth inhibition of murine leukemia L5178Y cells. Woodcock-Mitchell J, et al. **Leuk Res** 1985;9(4):481-9

Selective staining reactions of involved blood cells prior to symptoms of lymphatic leukemia in mice. Lavenda N. **Oncology** 1985;42(3):201-4

Effects of calcium and verapamil on normal and tumor murine leukocytes. Borowitz JL, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):305-8

CHEMICALLY INDUCED

Benzene hematotoxicity and leukemogenesis. Cronkite EP, et al. **Am J Ind Med** 1985;7(5-6):447-56

Effect of Nocardia rubra cell wall skeleton and/or cyclophosphamide on leukemogenesis induced by N-ethyl-N-nitrosourea in Donryu rats. Ogiu T, et al. **J Cancer Res Clin Oncol** 1985;109(3):173-7

T-cell phenotypes in chemically induced leukemia in mice. Kreja L, et al. **Leuk Res** 1985;9(2):321-7

[Effects of azathioprine-feeding or bone marrow transplantation on leukemogenic activity of N-butyl-N-nitrosourea (BNU) in Donryu rats (II). Effects on the induction of leukemia] Ogiu T, et al. **Eisei Shikenjo Hokoku** 1984;(102):66-70 (Eng. Abstr.) **(Jpn)**

[T-cell lymphomagenesis induced by chemical carcinogens in mice] Seidel HJ. **Eksp Onkol** 1984;6(3):21-4 (Eng. Abstr.) **(Rus)**

[Debatable questions of the leukemogenic (blastomogenic) action of benzine] Sokolov VV, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):21-6 (68 ref.) (Eng. Abstr.) **(Rus)**

DIAGNOSIS

[Atypical characteristics of leukemias in mice] Zharova EI, et al. **Gematol Transfuziol** 1984 Aug;29(8):43-6 (Eng. Abstr.) **(Rus)**

DIET THERAPY

Effect of lysine on survival of AKR leukemic mice. Servaas C. **Anticancer Res** 1984 Nov-Dec;4(6):361-2

DRUG THERAPY

Deletion of neoplastic B cells by immunotoxins containing ricin A chains. Uhr JW, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):123-7

Host liver changes in leukemic mice: effect of alpha-difluoromethyl ornithine, an inhibitor of polyamine synthesis. Chandar N, et al. **Biochem Int** 1984 Dec; 9(6):705-13

Synergistic growth inhibiting effect of nitrous oxide and cycloleucine in experimental rat leukaemia. Kroes AC, et al. **Br J Cancer** 1984 Dec;50(6):793-800

Cancer therapy with chemically modified enzymes. II. The therapeutic effectiveness of arginase, and arginase modified by the covalent attachment of polyethylene glycol, on the taper liver tumor and the L5178Y murine leukemia. Savoca KV, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):261-8

Biochemical mechanisms for the scheduled synergism of (alpha S, 5S)-2 amino-3-chloro-4,5-dihydro-5-isoxazoleacetic acid and 5-fluorouracil in P388 leukemia. Ardalan B, et al. **Cancer Chemother Pharmacol** 1985;15(1):44-8

Synergistic antitumor activity of vincristine and VP-16-213. Jackson DV Jr, et al. **Cancer Chemother Pharmacol** 1984; 13(3):176-80

Cross resistance to esters of methotrexate in a doxorubicin-resistant subline of P388 murine leukemia. Ramu A, et al. **Cancer Chemother Pharmacol** 1985; 15(1):31-4

Comparative cytotoxicities of various morpholinyl anthracyclines. Streeter DG, et al. **Cancer Chemother Pharmacol** 1985;14(2):160-4

Potentiation of antitumor agents by calcium channel blockers with special reference to cross-resistance patterns. Tsuruo T, et al. **Cancer Chemother Pharmacol** 1985;15(1):16-9

Mechanism of resistance of a variant of P388 leukemia to L-(alpha S,5S)-alpha-amino-3-chloro-4,5-dihydro-5-isoxazoleacet acid (acivicin). Jayaram HN, et al. **Cancer Res** 1985 Jan; 45(1):207-12

Anthracycline resistance in P388 murine leukemia and its circumvention by calcium antagonists. Kessel D, et al. **Cancer Res** 1985 Apr;45(4):1687-91

Mechanism of antitumor action of pyrimidinones in the treatment of B16 melanoma and P388 leukemia. Li LH, et al. **Cancer Res** 1985 Feb;45(2):532-8

Evaluation of the in vivo antitumor activity and in vitro cytotoxic properties of auranofin, a coordinated gold compound, in murine tumor models. Mirabelli CK, et al. **Cancer Res** 1985 Jan;45(1):32-9

Effect of cyclophosphamide on Friend virus leukemogenesis in virus-sensitive and virus-resistant mice. Raikow RB, et al. **Cancer Res** 1985 Feb;45(2):555-7

Restoration of sensitivity to oxazaphosphorines by inhibitors of aldehyde dehydrogenase activity in cultured oxazaphosphorine-resistant L1210 and cross-linking agent-resistant P388 cell lines. Sladek NE, et al. **Cancer Res** 1985 Apr;45(4):1549-55

Stability of the in vivo P388 leukemia model in evaluation of antitumor activity of natural products. Marsh JC, et al. **Cancer Treat Rep** 1985 Jun;69(6):683-5

Cure of mice bearing P388 leukemia by vincristine in combination with a calcium channel blocker. Tsuruo T, et al. **Cancer Treat Rep** 1985 May;69(5):523-5

Influence of concomitant infusion of thymidine and inosine on methotrexate activity in normal and P388-bearing mice. Uitendaal MP, et al. **Eur J Cancer Clin Oncol** 1984 Dec; 20(12):1527-32

Inability of amphotericin B(Fungizone) or of sodium deoxycholate to alter natural drug resistance or sensitivity of transplanted murine leukemias. Ganu UK, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):21-6

The effect of murine interferon-alpha/beta on an established Rauscher murine leukemia virus-induced erythroleukemia in BALB/c mice. Hekman RA, et al. **Int J Cancer** 1985 Apr 15;35(4):515-20

The effectiveness of the anthracycline analog 4'-epidoxorubicin in the treatment of experimental tumors: a review. Goldin A, et al. **Invest New Drugs** 1985;3(1):3-21 (41 ref.)

Establishment of the antiviral state in alpha, beta-interferon-resistant Friend cells treated with gamma-interferon. Induction of 67-kilodalton protein kinase activity in absence of detectable 2-5A synthetase. Romeo G, et al. **J Biol Chem** 1985 Mar 25;260(6):3833-8

Studies on high-dose chemotherapy of amygdalin in murine P388 lymphocytic leukaemia and P815 mast cell leukaemia. Chitnis MP, et al. **J Cancer Res Clin Oncol** 1985; 109(3):208-9

Activity of a novel carotenoid analog, 4,4'-(3,7,12,16-tetramethyl-1,3,5,7,9,11,13,15,17-octadecan -1,18- diyl) bis(1-ethylpyridinium) dibromide (Y-18598) on mouse leukemia P388. Okumoto T, et al. **J Cancer Res Clin Oncol** 1985;109(3):257-9

Effect of uracil arabinoside on metabolism and cytotoxicity of cytosine arabinoside in L5178Y murine leukemia. Yang JL, et al. **J Clin Invest** 1985 Jan;75(1):141-6

Differentiation in mouse leukemia cells mediated by an immune interferon preparation. Takano S, et al. **J Interferon Res** 1984 Summer;4(3):383-8

Synthesis and biological activity of 6-substituted mitosene analogues of the mitomycins. Casner ML, et al. **J Med Chem** 1985 Jul;28(7):921-6

Adriamycin analogues. rationale, synthesis, and preliminary antitumor evaluation of highly active DNA-nonbinding N-(trifluoroacetyl)adriamycin 14-O-hemiester derivatives. Israel M, et al. **J Med Chem** 1985 Sep;28(9):1223-8

Reductive amination of 3-ketoanguidin and antitumor activity of the products. Kaneko T, et al. **J Med Chem** 1985 Jul;28(7):958-60

Synthesis and biological effects of novel thiocolchicines. 3

Evaluation of N-acyldeacetylthiocolchicines, N-(alkoxycarbonyl) deacetylthiocolchicines, and O-ethyldemethylthiocolchicines. New synthesis of thiodemecolcine and antileukemic effects of 2-demethyl- and 3-demethylthiocolchicine. Kerekes P, et al. **J Med Chem** 1985 Sep;28(9):1204-8

Plant anticancer agents, XXXIV. Cucurbitacins from Elaeocarpus dolichostylus. Fang X, et al. **J Nat Prod** 1984 Nov-Dec;47(6):988-93

Antineoplastic agents, 105. Zephyranthes grandiflora. Pettit GR, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1018-20

15-Deacetylsergeolide, a potent antileukemic quassinoid from Picrolemma pseudocoffea. Polonsky J, et al. **J Nat Prod** 1984 Nov-Dec;47(6):994-6

1-Monolinolenoylglycerol specifically potentiates antitumour activity of daphnane orthoesters. Tyler MI, et al. **Naturwissenschaften** 1985 Jul;72(7):373-5

In vivo and in vitro effectivity of some platinum complexes. Balážová E, et al. **Neoplasma** 1984;31(6):641-7

bis-Mannich bases of styryl ketones as antileukemic agents. Dimmock JR, et al. **Neoplasma** 1985;32(1):85-91

5-(2-Oxo-3-indolinylidene)thiazolidine-2,4-dione-1,3-di-base derivatives: synthesis and evaluation for antileukemic activity. Eshba NH, et al. **Pharmazie** 1985 May;40(5):320-2

Daunorubicin-albumin copolymer targeting to leukemic cells in vitro and in vivo. Lagueux J, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):59-63

Infiltration of liver and brain by tumor cells in leukemic mice: prevention by dimethyltriazenes and cyclophosphamide. Sava G, et al. **Tumori** 1984 Dec 31;70(6):477-83

[Protection of cells by nucleoside transport inhibitor combined with nebularine and the therapeutic effect on transplantable mouse tumors] Fu NW. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):94-8 (Eng. Abstr.) **(Chi)**

[N-substituted p-fluorobenzene sulfonamides. 2. Evaluation of antileukemic activity] Vigorita MG. **Boll Chim Farm** 1984 Aug;123(8):390-3 (Eng. Abstr.) **(Ita)**

[In vitro evaluation of the chemosensitivity of an experimental murine leukemia rendered resistant in vivo to adriamycin] Lepri E, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1369-75 (Eng. Abstr.) **(Ita)**

[Results of random screening of possible antineoplastic agents in Japan using mouse cancer. 3] **Gan To Kagaku Ryoho** 1984 Sep;11(9 Pt 2):1899-2096 **(Jpn)**

[Effects of combination chemotherapy of MCNU with various anti-cancer agents] Machida S, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):298-302 (Eng. Abstr.) **(Jpn)**

[Spergualin a novel antitumor antibiotic produced by Bacillus laterosporus] Takeuchi T. **Gan To Kagaku Ryoho** 1984 Dec; 11(12 Pt 2):2633-9 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of doxorubicin in the treatment of hemocytoblastosis La and various ascites tumors in mice] Ul'ianova LA, et al. **Antibiotiki** 1984 Nov;29(11):861-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

A novel tumor-associated molecular species of 5'-nucleotide phosphodiesterase. Fukazawa H, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1072-7

Topoisomerase-II activity in human leukemic and lymphoblastoid cells. Priel E, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):325-32

5'-Deoxy-5'-methylthioadenosine phosphorylase--III. Role of the enzyme in the metabolism and action of 5'-halogenated adenosine analogs. Savarese TM, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):361-7

12 S small nuclear ribonucleoprotein-associated acidic-and pyrimidine-specific endoribonuclease from calf thymus and L5178y cells. Bachmann M, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):89-99

Studies on arachidonate 5-lipoxygenase of rat basophilic leukemia cells. Furukawa M, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):458-65

Synthesis of S-adenosylethionine by the gamma isozyme of methionine adenosyltransferase from Friend erythroleukemic cells. Cox R, et al. **Cancer Res** 1984 Nov; 44(11):4938-41

Comparison of the morphology and enzyme activity of mononuclear cells from Fischer 344 rats with either spontaneous or transplanted leukemia. Dieter MP, et al. **Cancer Res** 1985 Sep;45(9):4301-7

Elevated thymic and serum galactosyltransferase with low-molecular-weight acceptor activity in murine leukemia. Krishnaraj R, et al. **Cancer Res** 1985 Aug; 45(8):3615-9

Characterization of an extracellular matrix-degrading protease derived from a highly metastatic tumor cell line. Kramer MD, et al. **Eur J Cancer Clin Oncol** 1985 Mar; 21(3):307-16

Suitability of the P388F mouse lymphoma system for detecting potential carcinogens and mutagens. Anderson D, et al. **Food Chem Toxicol** 1985 Jan;23(1):115-8

Increased plasma proteinase activity of mice bearing the BCL1 leukemia. Hart DA, et al. **Haemostasis** 1985; 15(2):134-43

Preferential localization of variant nucleosomes near the 5'-end of the mouse dihydrofolate reductase gene. Barsoum J, et al. **J Biol Chem** 1985 Jun 25;260(12):7688-97

Properties of prostaglandin-sensitive adenylate cyclase system of a murine macrophage-like cell line (P388D1). Fernandez-Botran R, et al. **J Immunol** 1984 Nov; 133(5):2655-61

Characterization of the protein apparently responsible for the elevated tyrosine protein kinase activity in LSTRA cells. Voronova AF, et al. **Mol Cell Biol** 1984 Dec; 4(12):2705-13

Lysosomal enzyme binding to mouse P388D1 macrophage membranes lacking the 215-kDa mannose 6-phosphate receptor: evidence for the existence of a second mannose 6-phosphate receptor. Hoflack B, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4428-32

Induction of a Ca2+, Mg2+-dependent endonuclease activity during the early stages of murine erythroleukemic cell differentiation. McMahon G, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7461-5

Leukotriene D4 and E4 formation by plasma membrane bound enzymes. Kuo CG, et al. **Prostaglandins** 1984 Dec; 28(6):929-38

ETIOLOGY

Retroviral-associated eosinophilic leukemia in the cat. Lewis MG, et al. **Am J Vet Res** 1985 May;46(5):1066-70

Effect of propane sultone pretreatment on Friend virus leukemogenesis in mice. Raikow RB, et al. **Experientia** 1985 May 15;41(5):664-6

The induction of myeloid leukaemias by Rauscher murine leukaemia virus. de Both NJ, et al. **J Gen Virol** 1985 Apr; 66 (Pt 4):909-13

Contribution of the gag and pol sequences to the leukemogenicity of Friend murine leukemia virus. Oliff A, et al. **J Virol** 1985 Jun;54(3):864-8

Experimental infection of sheep and goat with bovine leukemia virus: localization of proviral information on the target cells. Kettmann R, et al. **Leuk Res** 1984;8(6):937-44

[Modified env gene in Friend spleen focus forming virus--structure, origin, and its role in leukemogenesis] Ikawa Y, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):622-32 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

Control of lysozyme gene expression in differentiating HL-60 cells. Polansky DA, et al. **Br J Haematol** 1985 May; 60(1):7-17

Normal sister chromatid exchange frequencies during growth of a transplantable murine myeloid leukemia. Au WW, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):125-30

A study of chromosome content of Friend virus-induced mouse erythroleukemia cells (clone M2) via karyotype reconstruction. Mamaeva SE, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):199-205

Correlation between tumorigenicity and banding pattern of chromosome 15 in murine T-cell leukemia cells and hybrids of normal and malignant cells. Somssich IE, et al. **Chromosoma** 1984;91(1):39-45

Susceptibility of mice reconstituted with trisomy 19 hematopoietic cells to infection with Rauscher leukemia virus. Herbst EW, et al. **J Cancer Res Clin Oncol** 1985; 109(2):107-14

Abnormalities induced by the mutant gene, lpr. Patterns of disease and expression of murine leukemia viruses in SJL/J mice homozygous and heterozygous for lpr. Morse HC 3d, et al. **J Exp Med** 1985 Mar 1;161(3):602-16

The tandem direct repeats within the long terminal repeat of murine leukemia viruses are the primary determinant of their leukemogenic potential. DesGroseillers L, et al. **J Virol** 1984 Dec;52(3):945-52

Differential stability of host mRNAs in Friend erythroleukemia cells infected with herpes simplex virus type 1. Mayman BA, et al. **J Virol** 1985 Jan;53(1):1-6

Tissue selectivity of murine leukemia virus infection is determined by long terminal repeat sequences. Rosen CA, et al. **J Virol** 1985 Sep;55(3):862-6

Hypersensitivity of thymidine kinase-deficient Friend leukaemia cells to the induction of cytogenetic aberrations by mitomycin C. McKenna PG, et al. **Leuk Res** 1985; 9(4):501-6

Rearrangements in the long terminal repeat of extra mouse mammary tumor proviruses in T-cell leukemias of mouse strain GR result in a novel enhancer-like structure. Michalides R, et al. **Mol Cell Biol** 1985 Apr;5(4):823-30

Cell surface alterations in murine leukaemia P388 adriamycin-resistant cells: studies on lectin-induced agglutination and rearrangement of lectin receptors. Basrur VS, et al. **Oncology** 1985;42(5):328-31

c-myc mRNA levels in the cell cycle change in mouse erythroleukemia cells following inducer treatment. Lachman HM, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5323-7

Genomic constitution of an H-2:Tla variant leukemia. Shen FW, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6447-50

Mutation induction by tritiated water and effects of deuterium oxide in cultured mouse leukemia cells. Furuno-Fukushi I, et al. **Radiat Res** 1985 Sep;103(3):466-70

Evidence for indirect involvement of thymidine kinase in excision repair processes in mouse cell lines. McKenna PG, et al. **Somatic Cell Mol Genet** 1985 May;11(3):239-46

[Leukemogenic genes derived from retrovirus env genes] Amanuma H. **Nippon Rinsho** 1984 Sep;42(9):2145-52 (25 ref.) **(Jpn)**

IMMUNOLOGY

Immunogenicity of splenocytes, associated with temporal exposition of D-galactosyl residues, in Rauscher leukemia. Novichenko NL. **Arch Geschwulstforsch** 1984;54(4):279-84

Obtention of Sm antigen from L5178 murine lymphoma malignant cells. Lamas-Robles C, et al. **Arch Invest Med (Mex)** 1984 Jul-Sep;15(3):259-65 **(Eng, Spa)**

Incorporation of acylated antibody into planar lipid multilayers: characterization and cell binding. Huang L. **Biochemistry** 1985 Jan 1;24(1):29-34

Studies on interleukin 2 receptor expression and IL-2 production by murine T cell lymphomas. Diamantstein T, et al. **Br J Cancer** 1985 Jan;51(1):23-30

Natural resistance against hematopoietic cells in lethally-irradiated mice infected with Friend leukemia virus. Iorio AM, et al. **Cancer Immunol Immunother** 1984; 18(1):35-40

Methods for amplifying the induction and expression of cytotoxic response in vitro to syngeneic and autologous freshly-isolated solid tumors of mice. Kedar E, et al. **Cancer Immunol Immunother** 1984;18(2):126-34

The isolation of immunogenic molecular entities from immunogenic and nonimmunogenic tumor homogenates by sodium dodecyl sulfate polyacrylamide gel electrophoresis (SDS-PAGE). Sharon R, et al. **Cancer Immunol Immunother** 1984;18(3):203-8

Influence of genotype and the organ of origin on the subtype of T-cell in Moloney lymphomas induced by transfer of preleukemic cells from athymic and thymus-bearing mice. Asjö B, et al. **Cancer Res** 1985 Mar;45(3):1040-5

Eradication of a disseminated syngeneic mouse lymphoma by systemic adoptive transfer of immune lymphocytes and its dependence upon a host component(s). Mulé JJ, et al. **Cancer Res** 1985 Feb;45(2):526-31

Vaccination of adult and newborn mice of a resistant strain (C57BL/6J) against challenge with leukemias induced by Moloney murine leukemia virus. Reif AE. **Cancer Res** 1985 Jan;45(1):25-31

In vivo modulation of myelopoiesis and immune functions by maleic anhydride divinyl ether copolymer (MVE-2) in tumor-free and MBL-2 tumor-bearing mice treated with cyclophosphamide. Schlick E, et al. **Cancer Res** 1985 Mar; 45(3):1108-14

Immunogenicity and immunosensitivity of a guinea pig B-cell leukemia subline lacking cell surface Ia antigens. Tanio Y, et al. **Cancer Res** 1985 Jan;45(1):143-8

Antigen-specific murine T-cell lymphomas. II. H-2 restriction of primary and secondary responses. Ben-Sasson SZ, et al. **Cell Immunol** 1984 Dec;89(2):290-9

Killer cells of feline leukemia virus- and feline sarcoma virus-infected transformed cells: the role of NK, ADCC, and in vitro generated cytotoxic cells. Kooistra LH, et al. **Cell Immunol** 1985 Sep;94(2):466-79

Proliferative response of murine B-cell leukemia (BCL1) to poly(L-lysine). Morecki S, et al. **Cell Immunol** 1985 Feb; 90(2):392-400

Coexpression of Lyb-2 and Mac-1 by murine lymphomas and subpopulations of normal spleen and bone marrow cells. Holmes KL, et al. **Curr Top Microbiol Immunol** 1984; 113:224-30

Monoclonal antibody to Abelson lymphoma cells. Lamph WW, et al. **Curr Top Microbiol Immunol** 1984;113:265-8

Leukemia X fibroblast hybrid cells prolong the lives of leukemic mice. Wang DR, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):637-43

Induction of functional Fc receptors in P388 leukemia cells. Requirement for multiple differentiation signals. Cohen DA, et al. **Exp Cell Res** 1985 Apr;157(2):511-9

Characteristics of a monoclonal antibody (RM124) against acute myelocytic leukemia cells. Martens AC, et al. **Exp Hematol** 1984 Sep;12(8):667-71

Characterization of thymic lymphoid-stromal cell complex-forming cells in preleukemic AKR mice. Hiai H, et al. **Gann** 1984 Oct;75(10):905-11

A study on an artifact introduced by fetal bovine serum-supplemented medium. Mizushima Y, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):321-6

Mechanisms of in vivo generation of cytotoxic activity against syngeneic tumours. I. Local differentiation of mature cytotoxic T lymphocytes in the rejection of tumours. Tsuru S, et al. **Immunology** 1985 Feb;54(2):281-8

Secretion of idiotypic IgM by the mouse B-cell leukaemia (BCL1) occurs spontaneously in vitro and in vivo. Tutt AL, et al. **Immunology** 1985 May;55(1):59-63

Humoral response against murine lymphoma cells xenogenized by drug treatment in vivo. Romani L, et al. **Int J Cancer** 1985 Aug 15;36(2):225-31

Phase separation of the receptor for immunoglobulin E and its subunits in Triton X-114. Alcaraz G, et al. **J Biol Chem** 1984 Dec 10;259(23):14922-7

More on the relevance of animal tumor models: immunogenicity of transplantable leukemias of recent origin in syngeneic strain 2 guinea pigs. Key ME, et al. **J Biol Response Mod** 1984 Aug;3(4):359-65

Recognition of a leukemia-related antigen by an antiidiotypic antiserum to an anti-gp70 monoclonal antibody. Ardman B, et al. **J Exp Med** 1985 Apr 1;161(4):669-86

Effect of in vivo administration of Lyt antibodies. Lyt phenotype of T cells in lymphoid tissues and blocking of tumor rejection. Nakayama E, et al. **J Exp Med** 1985 Feb 1;161(2):345-55

Lack of gene rearrangement and mRNA expression of the beta chain of the T cell receptor in spontaneous rat large granular lymphocyte leukemia lines. Reynolds CW, et al. **J Exp Med** 1985 May 1;161(5):1249-54

Retrovirus-induced changes in major histocompatibility complex antigen expression influence susceptibility to lysis by cytotoxic T lymphocytes. Flyer DC, et al. **J Immunol** 1985 Oct;135(4):2287-92

H-40, an antigen controlled by an Igh-linked gene and recognized by cytotoxic T lymphocytes. II. Recognition of H-40 as a tumor antigen in leukemic animals. Henderson LA, et al. **J Immunol** 1984 Nov;133(5):2778-85

The murine lymphocyte receptor for IgE. III. Use of chemical cross-linking reagents to further characterize the B lymphocyte Fc epsilon receptor. Lee WT, et al. **J Immunol** 1985 Jan;134(1):518-25

Distinct proliferative T cell clonotypes are generated in response to a murine retrovirus-induced syngeneic T cell leukemia: viral gp70 antigen-specific MT4+ clones and Lyt-2+ cytolytic clones which recognize a tumor-specific cell surface antigen. Matis LA, et al. **J Immunol** 1985 Jul;135(1):703-13

The role of suppressor T cells in BCNU-mediated rejection of a syngeneic tumor. Nagarkatti M, et al. **J Immunol** 1985 Aug;135(2):1510-7

Enhancement of tumor growth correlates with suppression of the tumor-specific cytolytic T lymphocyte response in mice chronically infected by Trypanosoma cruzi. Plata F. **J Immunol** 1985 Feb;134(2):1312-9

Immunologic mechanisms in the pathogenesis of virus-induced leukemia. IV. Mechanism of target cell recognition by autoreactive thymocytes. Proffitt MR, et al. **J Immunol** 1985 Jun;134(6):4244-9

Phorbol esters specifically inhibit induction of immunoglobulin secretion in a murine B cell leukemia. Simpson LG, et al. **J Immunol** 1985 Apr;134(4):2759-66

Natural suppressor cell inhibiting T killer responses against retroviruses: a model for self tolerance. Tilkin AF, et al. **J Immunol** 1985 Apr;134(4):2779-82

A role for mast cells and the vasoactive amine serotonin in T cell-dependent immunity to tumors. Van Loveren H, et al. **J Immunol** 1985 Feb;134(2):1292-9

Effects of cobra venom factor treatment on latent feline leukemia virus infection. Kraut EH, et al. **J Virol** 1985 Jun;54(3):873-5

Macrophage-mediated natural cytotoxicity of dimethyl sulfoxide-treated Friend erythroleukemia cells. Hsu KH, et al. **JNCI** 1985 Jul;75(1):105-10

Virus-induced immunodeficiency: antibody responsiveness of MuLV-infected spleen cells following transfer into irradiated mice. Toniolo A, et al. **Med Microbiol Immunol (Berl)** 1984;173(4):197-206

Glycophorin A on normal and leukemia cells detected by monoclonal antibodies, including a new monoclonal antibody reactive with glycophorins A and B. Rearden A, et al. **Mol Immunol** 1985 Apr;22(4):369-78

Rejection of transplantable AKR leukaemia cells following MHC DNA-mediated cell transformation. Hui K, et al. **Nature** 1984 Oct 25-31;311(5988):750-2

Structural analysis of TL genes of the mouse. Obata Y, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5475-9

Recognition of an Igh-linked histocompatibility antigen, H-40, on B-cell tumors by cytotoxic T lymphocytes. Forman J, et al. **Surv Immunol Res** 1985;4(1):41-7

Immunoprotective capability of somatic hybrid cells in comparison with parental tumor cells maintained in vitro. Mizushima Y, et al. **Tohoku J Exp Med** 1985 Apr;145(4):447-53

Humoral and cellular responses in calves experimentally infected with bovine leukemia virus (BLV). Meiron R, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):105-14

[Study on the tumor-associated transplantation antigen (TATA) of L615 mouse leukemia cells (L615 cells)] You SG. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):189-93 (Eng. Abstr.) **(Chi)**

[Effects of azathioprine-feeding or bone marrow transplantation on leukemogenic activity of N-butyl-N-nitrosourea (BNU) in Donryu rats (I). Sequential observations of immunological and histological changes in the subacute state] Furuta K, et al. **Eisei Shikenjo Hokoku** 1984;(102):62-6 (Eng. Abstr.) **(Jpn)**

[Immunological and hematological changes in the preleukemic stage of leukemia in Donryu rats induced by N-ethylnitrosourea] Soh S, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):724-33 (Eng. Abstr.) **(Jpn)**

[Comparative analysis of the action of thymic and cerebral GD3 gangliosides on the sensitivity of tumor cells to natural splenic effectors] Fuks BB, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):474-6 (Eng. Abstr.) **(Rus)**

[Inhibition of the effect of immunocytotherapy in leukemia in mice under stress and the possibilities of its withdrawal] Sukhikh GT. **Biull Eksp Biol Med** 1984 Dec;98(12):694-6 (Eng. Abstr.) **(Rus)**

[Mechanism of the modifying effect of neuraminidase of the influenza virus on the development of Rauscher leukemia] Novichenko NL, et al. **Eksp Onkol** 1984;6(3):29-32 (Eng. Abstr.) **(Rus)**

METABOLISM

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages. Kane AB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C256-66

Use of non-physiological buffer systems in the analysis of methotrexate transport in L1210 cells. Henderson GB, et al. **Biochem Int** 1983 Apr;6(4):507-15

Measurement of glutathione requiring enzymes involved in arachidonic acid cascade of rat basophilic leukemia cells. Reddy CC, et al. **Biochem Int** 1984 Dec;9(6):755-61

Comparison of glycine metabolism in mouse lymphoma cells either sensitive or resistant to L-asparaginase. Keefer JF, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):559-65

The quantitative determination of metabolites of 6-mercaptopurine in biological materials. VI. Evidence for posttranscriptional modification of 6-thioguanosine residues in RNA from L5178Y cells treated with 6-mercaptopurine. Breter HJ. **Biochim Biophys Acta** 1985 May 24;825(1):39-44

Transport of 5-hydroxytryptamine in membrane vesicles from rat basophilic leukemia cells. Kanner BI, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):403-10

Alterations in biosynthesis and homeostasis of cholesterol and in lipoprotein patterns in mice bearing a transplanted lymphoid tumor. van Blitterswijk WJ, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):46-56

Effect of hemin on poly (A)-containing RNA synthesis and transport from nucleus into cytoplasm in Friend cells of the Fw line. Fuchs O, et al. **Biomed Biochim Acta** 1984;43(6):S94-7

Restoration of doxorubicin responsiveness in doxorubicin-resistant P388 murine leukaemia cells. Ramu A, et al. **Br J Cancer** 1984 Oct;50(4):501-7

Effect of amphotericin B on Adriamycin transport in P388 cells. Krishan A, et al. **Cancer Res** 1985 Sep;45(9):4097-102

Induction of a novel nuclear protein (p54) by phorbol esters in mouse erythroleukemia (Friend) cells. Mitsuse S, et al. **Cancer Res** 1985 Aug;45(8):3836-42

Differences in the pharmacokinetics of daunomycin in normal and leukemic rats. Nooter K, et al. **Cancer Res** 1985 Sep;45(9):4020-5

Poly (ADP-ribose) metabolism in alkylated mouse L5178Y cells. Boyle JM. **Carcinogenesis** 1985 Jul;6(7):1005-9

Changes in histone H1 phosphorylation during differentiation of mouse myeloid leukemia cells. Nakaya K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2364-70

Transport of beta-globin mRNA from nuclei of murine Friend erythroleukemia cells. Reversible inhibition of transport by the oxidizing sulfhydryl reagent o-iodosobenzoate. Kindås-Mügge I, et al. **Eur J Biochem** 1985 Apr 1;148(1):49-54

Polyamine metabolism in P388 leukemia cells and in ascites tumor-bearing mice. Kremmer T, et al. **Exp Cell Biol** 1984;52(5):279-85

Regulation of the production of granulocyte-macrophage colony-stimulating factor by macrophage-like tumour cell lines. Hume DA, et al. **FEBS Lett** 1985 Jan 28;180(2):271-4

Specificities of acylglycerols and phospholipids for interaction with phorbol ester receptor on Friend leukemia cells. Tanaka K, et al. **Gann** 1985 Jun;76(6):502-7

The preparation of interferon gamma-producing T-cell hybridomas from jacalin-stimulated T lymphocytes and the SH9 T-cell line. Crane I, et al. **Immunology** 1984 Dec;53(4):855-9

Pharmacologic modulation of the IgE or Ca2+ ionophore A23187 mediated Ca2+ influx, phospholipase activation, and histamine release in rat basophilic leukemia cells. Urata C, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):92-100

Regulation of protein synthesis and accumulation during murine erythroleukemia cell differentiation. Parker D, et al. **J Biol Chem** 1985 Jan 10;260(1):604-9

Purification and characterization of protease-resistant secretory granule proteoglycans containing chondroitin sulfate di-B and heparin-like glycosaminoglycans from rat basophilic leukemia cells. Seldin DC, et al. **J Biol Chem** 1985 Sep 15;260(20):11131-9

Murine macrophage tumors are a source of a 260,000-dalton acetyl-low density lipoprotein receptor. Via DP, et al. **J Biol Chem** 1985 Jun 25;260(12):7379-86

Distribution of insulin receptors between plasmalemma and intracellular compartments: effect of amino acids. Galbraith RA, et al. **J Cell Physiol** 1985 Jan;122(1):120-4

Study of ascorbate status in murine and human leukaemias. Bhattacharjee J, et al. **J Comp Pathol** 1985 Jan;95(1):87-91

Prostaglandin-sensitive adenylate cyclase of a murine macrophage-like cell line (P388D1): II. Isolation and partial characterization of PGE2-binding proteins. Fernandez-Botran R, et al. **J Immunol** 1984 Nov;133(5):2662-7

Antitumor agents 68: effects of a series of helenalin derivatives on P-388 lymphocytic leukemia nucleic acid and protein synthesis. Hall IH, et al. **J Pharm Sci** 1985 Mar;74(3):250-4

Characterization of low density lipoprotein receptors in freshly isolated leukemic guinea pig lymphocytes (L2C). Sainte-Marie J, et al. **J Recept Res** 1985;5(2-3):171-92

Prostaglandin E2 production by EL 4 leukemia cells from C57BL/6 mice: mechanism for tumor dissemination. Mahan M, et al. **JNCI** 1985 Jan;74(1):191-5

Human alpha- and beta-globin gene transcription in mouse erythroleukaemia cells. Charnay P, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):261-70

DNA sequences required for regulated expression of beta-globin genes in murine erythroleukaemia cells. Wright S, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):271-82

Pertussis toxin inhibits chemotactic peptide-stimulated generation of inositol phosphates and lysosomal enzyme secretion in human leukemic (HL-60) cells. Brandt SJ, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3277-80

Synchronization of rapid globin expression in murine erythroleukemic cells. Zucker RM. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):301-4

Inhibition of macromolecular synthesis in P388 mouse leukemia ascites cells by bouvardin (NSC 259968). Chitnis M, et al. **Tumori** 1985 Jun 30;71(3):261-6

[Effects of calcium influx blocker on the cellular transport of Adriamycin] Sasaki K, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):966-8 (Eng. Abstr.) **(Jpn)**

[Effect of gamma-irradiation on malonic dialdehyde formation in the interaction of liposomes with cells] Popov GA, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):260-3 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

The complexity of virus--cell interactions in Abelson virus infection of lymphoid and other hematopoietic cells. Whitlock CA, et al. **Adv Immunol** 1985;37:73-98 (127 ref.)

Bovine leukemia virus, a versatile agent with various pathogenic effects in various animal species. Burny A, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4578s-4582s (43 ref.)

Target cell heterogeneity in murine leukemia virus infection. III. Identification of susceptible Lyt 1+ and resistant Lyt 2+ T-cell subsets following in vitro infection with Friend murine leukemia virus. Isaak DD, et al. **Cell Immunol** 1984 Oct 15;88(2):464-74

Identification of a transforming virus from a lymphoma of a mouse infected with a wild mouse retrovirus. Langdon WY, et al. **Curr Top Microbiol Immunol** 1984;113:241-9

Structural organization of mouse c-myb locus and the mechanism of its rearrangement in ABPL-2 tumor line induced by pristane and Abelson murine leukemia virus. Lavu S, et al. **Curr Top Microbiol Immunol** 1984;113:37-40

Expression of murine leukemia viruses in B-cell lymphomas of CWD/Agl mice. Angel JM, et al. **J Virol** 1984 Nov;52(2):691-4

A 3' end fragment encompassing the transcriptional enhancers of nondefective Friend virus confers erythroleukemogenicity on Moloney leukemia virus. Chatis PA, et al. **J Virol** 1984 Oct;52(1):248-54

Comparison of endogenous murine leukemia virus proviral organization and RNA expression in 3-methylcholanthrene-induced and spontaneous thymic lymphomas in RF and AKR mice. Chinsky J, et al. **J Virol** 1985 Jan;53(1):94-9

At least four viral genes contribute to the leukemogenicity of murine retrovirus MCF 247 in AKR mice. Holland CA, et al. **J Virol** 1985 Jan;53(1):158-65

A Mus dunni cell line that lacks sequences closely related to endogenous murine leukemia viruses and can be infected by ectropic, amphotropic, xenotropic, and mink cell focus-forming viruses. Lander MR, et al. **J Virol** 1984 Nov;52(2):695-8

Integration of spleen focus-forming virus proviruses in Friend tumor cells. Moreau-Gachelin F, et al. **J Virol** 1985 Jan;53(1):292-5

Early clonality and high-frequency proviral integration into the c-myc locus in AKR leukemias. O'Donnell PV, et al. **J Virol** 1985 Aug;55(2):500-3

Demonstration and characterization of virus released by murine B cell leukemia cells (BCL1). Morecki S, et al. **Leuk Res** 1984;8(5):821-32

Animal models: lessons from feline and bovine leukaemia virus infections. Onions D. **Leuk Res** 1985;9(6):709-11

Tissue-specific transcription preference as a determinant of cell tropism and leukaemogenic potential of murine retroviruses. Celander D, et al. **Nature** 1984 Nov 8-14;312(5990):159-62

Expression of differentiation and murine leukemia virus antigens on cells of primary tumors and cell lines derived from chemically induced lymphomas of RF/J mice. Goodenow MM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7612-6

The involvement of a type-B retrovirus in the induction of thymic lymphomas. Ball JK, et al. **Virology** 1985 Jan 15;140(1):159-72

A comparative analysis of radiation- and virus-induced leukemias in BALB/c mice. Newcomb EW, et al. **Virology** 1985 Jan 15;140(1):102-12

[Persistence of M. arthritidis and the Rauscher leukemia virus in a mixed Mycoplasma-viral infection in mice] Rakovskaia IV. **Vestn Akad Med Nauk SSSR** 1985;(3):32-8 (Eng. Abstr.) **(Rus)**

OCCURRENCE

[Oncological characteristics of AKR/JY mice] Khar'kovskaia NA, et al. **Eksp Onkol** 1984;6(4):62-6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Reduction of granulocyte-macrophage progenitor cells (CFU-C) and fibroblastoid colony-forming units (CFU-F) by leukemic cells in human and murine leukemia. Nara N, et al. **Acta Haematol (Basel)** 1984;72(3):171–80

Induced differentiation of murine erythroleukemia cells: cellular and molecular mechanisms. Rifkind RA, et al. **Adv Cancer Res** 1984;42:149–66 (95 ref.)

Control of L5178y cell growth by the galactose-specific lectin from Geodia cydonium. Diehl-Seifert B, et al. **Basic Appl Histochem** 1985;29(1):7–20

Microinjection of macromolecules into leukemic cells by cell fusion technique: search for intracellular growth-suppressive factors. Ozawa K, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):257–63

Inhibition of dimethylsulfoxide-induced differentiation in Friend erythroleukemic cells by diacylglycerols and phospholipase C. Pincus SM, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):491–9

Effect of 5'-methylthioadenosine on induction of murine erythroleukemia cell differentiation. Shafman TD, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):172–7

Abnormalities in myelopoietic regulatory interactions with acidic isoferritins and lactoferrin in mice infected with Friend virus complex: association with altered expression of Ia antigens on effector and responding cells. Lu L, et al. **Blood** 1985 Jan;65(1):91–9

Inhibition of DMSO-induced differentiation by hyperthermia in a murine erythroleukemia cell system. Raaphorst GP, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1091–6

Potential limitations of in vitro clonogenic drug sensitivity assays. Dong GW, et al. **Cancer Chemother Pharmacol** 1984; 13(3):206–10

Antitumor activity and toxicity in animals of RR-150 (7-cysteaminomitosane), a new mitomycin derivative. Bradner WT, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5619–23

Differential effect of the calmodulin inhibitor trifluoperazine on cellular accumulation, retention, and cytotoxicity of anthracyclines in doxorubicin (adriamycin)-resistant P388 mouse leukemia cells. Ganapathi R, et al. **Cancer Res** 1984 Nov;44(11):5056–61

Enhancement of the differentiation-inducing properties of 6-thioguanine by hypoxanthine and its nucleosides in HL-60 promyelocytic leukemia cells. Ishiguro K, et al. **Cancer Res** 1985 Jan;45(1):91–5

Prevention of methotrexate cytotoxicity by asparaginase inhibition of methotrexate polyglutamate formation. Jolivet J, et al. **Cancer Res** 1985 Jan;45(1):217–20

Reversal of resistance to rhodamine 123 in adriamycin-resistant Friend leukemia cells. Lampidis TJ, et al. **Cancer Res** 1985 Jun;45(6):2626–31

Protective effect of cholesterol on Friend leukemic cells against photosensitization by hematoporphyrin derivative. Salzberg S, et al. **Cancer Res** 1985 Jul;45(7):3305–10

Cross-resistance to rhodamine 123 in Adriamycin- and daunorubicin-resistant Friend leukemia cell variants. Tapiero H, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5544–9

Comparison of in vitro and in vivo differentiation of myeloblastic leukemia of the RFM/Un mouse. Weinberg JB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5594–8

Phenotypic heterogeneity of Gross virus-induced thymic lymphomas in the rat: cellular origins and migratory properties. Barton RW, et al. **Cell Immunol** 1985 Aug; 94(1):113–21

Growth of transplantable melanoma and leukaemia and prevention of virus-induced leukaemia in long lived radiation chimeras constructed with unmanipulated bone marrow. Pierpaoli W. **Clin Exp Immunol** 1985 Jan; 59(1):210–6

Interleukin 3 dependent retrovirus induced lymphomas: loss of the ability to terminally differentiate in response to differentiation factors. Ihle JN, et al. **Curr Top Microbiol Immunol** 1984;113:86–91

Factors affecting normal and malignant B lymphocyte precursors. Kincade PW, et al. **Curr Top Microbiol Immunol** 1984;113:104–8

Extracellular calcium is involved in the mechanism of differentiation of mouse myeloid leukemia cells (M1) induced by 1 alpha, 25-dihydroxyvitamin D3. Miyaura C, et al. **Endocrinology** 1984 Nov;115(5):1891–6

Accessory function of human leukemic cell lines: properties of B and B-K562 hybrid cell lines. Wakasugi H, et al. **Eur J Immunol** 1985 Mar;15(3):256–61

A new myelomonoblastic cell line (M20): analysis of properties, differentiation, and comparison with other established lines of similar origin. Treves AJ, et al. **Exp Hematol** 1985 May;13(4):281–8

Alterations in CFU-GM growth in preleukaemic and leukaemic AKR/J mice. Alonso MC, et al. **Folia Biol (Praha)** 1985;31(3):193–9

Biologic and biochemical differences between in vitro and in vivo passaged Friend erythroleukemia cells. II. Changes in cell surface glycoproteins associated with a highly malignant phenotype. Amici C, et al. **Int J Cancer** 1984 Sep 15;34(3):397–402

Biologic and biochemical differences between in vitro and in vivo passaged Friend erythroleukemia cells. I. Tumorigenicity and capacity to metastasize. Belardelli F, et al. **Int J Cancer** 1984 Sep 15;34(3):389–95

The influence of dose rate on the lethal and mutagenic effects of X-rays in proliferating L5178Y cells differing in radiation sensitivity. Evans HH, et al. **Int J Radiat Biol** 1985 May;47(5):553–62

The role of Ca2+ in dimethyl sulfoxide-induced differentiation of Friend erythroleukemia cells. Faletto DL, et al. **J Biol Chem** 1985 Apr 25;260(8):4884–9

Splenic erythroblasts in anemia-inducing Friend disease: a source of cells for studies of erythropoietin-mediated differentiation. Koury MJ, et al. **J Cell Physiol** 1984 Dec; 121(3):526–32

Combined effects of radiosensitizers and radioprotectors on cultured mammalian cells to Co-60 gamma-rays. Antoku S, et al. **J Radiat Res (Tokyo)** 1984 Dec;25(4):305–13

Infectivity of Friend murine leukemia virus for hamster cells. Ishimoto A. **JNCI** 1985 Apr;74(4):905–8

Differentiation of mouse leukemic M1 cells induced by polyprenoids. Ishikura H, et al. **Leuk Res** 1984;8(5):843–52

Relationship between the intracellular level and growth inhibition of a new anthracycline 4'O-tetrahydropyranyl-Adriamycin in Friend leukemia cell variants. Munck JN, et al. **Leuk Res** 1985;9(2):289–96

Differentiation of two mouse cell lines is associated with hypomethylation of their genomes. Bestor TH, et al. **Mol Cell Biol** 1984 Sep;4(9):1800–6

Monoclonal proliferation of Friend murine leukemia virus-transformed myeloblastic cells occurs early in the leukemogenic process. Sola B, et al. **Mol Cell Biol** 1985 May;5(5):1009–14

Establishment of asparaginase- and guinea pig complement-resistant subline of murine lymphoblastic leukemia L5178y cells. Yang TJ, et al. **Oncology** 1984; 41(6):446–51

Friend murine leukemia virus-immortalized myeloid cells are converted into tumorigenic cell lines by Abelson leukemia virus. Oliff A, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3306–10

Prothymocytes as target cells of T cell leukemogenesis in the mouse. Haran-Ghera N. **Surv Immunol Res** 1985; 4(1):19–26

The effects of lead on differentiation of the Friend leukemia cells and rat bone marrow cells. Taketani S, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):374–80

[Effect of harringtonine and homoharringtonine on the traverse of cell cycle of P388 leukemic cells by flow cytometry] Xue SB, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):28–31 (Eng. Abstr.) **(Chi)**

[Antitumor activities and mechanisms of action of harringtonine and homoharringtonine] Kato T, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2393–9 (Eng. Abstr.) **(Jpn)**

[Spontaneous regression of BALB/c mouse tumor] Sasaki J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):388–90 **(Jpn)**

[Direct antitumor activity of biological response modifiers (B.R.M.) proven by an in vitro sensitivity test] Yanagawa T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2155–62 (Eng. Abstr.) **(Jpn)**

[Ultrastructural characteristics of bone marrow subendosteal region cells in T-cell virus-induced leukemia] Butenko ZA, et al. **Eksp Onkol** 1984;6(3):24–9 (Eng. Abstr.) **(Rus)**

[Colony-forming ability of bone marrow hematopoietic cells in mice with transplanted leukemia during administration of carminomycin] Kozinets GI, et al. **Eksp Onkol** 1984; 6(5):59–62 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Hexamethylenebisacetamide-mediated induction of murine erythroleukemia cells: relationship between expression of beta major and beta minor globin genes, globin mRNA synthesis and commitment to erythroid differentiation. Gambari R. **Biochem Int** 1983 Oct;7(4):471–80

Role of carbohydrates in rat leukemia cell-liver macrophage cell contacts. Schlepper-Schäfer J, et al. **Biol Cell** 1984; 52(3):253–8

Somatic hybridization between human and mouse lymphoblast cells produced by an electric pulse-induced fusion technique. Ohno-Shosaku T, et al. **Cell Struct Funct** 1984 Jun;9(2):193–6

T-cell regulation of erythropoiesis during acute lymphoblastic leukemia. Bacon ER, et al. **Exp Hematol** 1985 Feb;13(2):104–10

Electric pulse-induced fusion of mouse lymphoma cells: roles of divalent cations and membrane lipid domains. Ohno-Shosaku T, et al. **J Membr Biol** 1985;85(3):269–80

Prostaglandin E2 regulation of tumoristatic factor production by macrophage-like P388D1 cells. Young MR, et al. **JNCI** 1984 Oct;73(4):959–62

[Comparative characteristics of the adrenal and gonadal functions in human beings and hamadryas baboons with hemoblastosis] Goncharova ND, et al. **Eksp Onkol** 1985; 7(3):47–50 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Prevention of leukemia and the increase of plasma levels of lipid-bound sialic acid by allogeneic bone marrow transplantation in mice. Wustrow TP, et al. **Cancer Res** 1985 Mar;45(3):1097–100

[Stimulation of immunoreactivity against endogenous retroviruses and protection against leukemia in aged AKR mice after vaccination with antibodies to viral surface components. The role of antibodies to p15(E)] Schwarz H, et al. **Z Naturforsch** [C] 1984 Nov-Dec; 39(11-12):1199-202 (Eng. Abstr.) **(Ger)**

RADIOTHERAPY

Specificity, efficacy, and toxicity of radioimmunotherapy in erythroleukemic mice. Redwood WR, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5681–7

[Radiosensitizing of experimental animal tumors using inhibitors of repair] Gotlib VIa, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):25–9 **(Rus)**

SECONDARY

New plasma membrane proteins expressed by a high metastatic variant of a chemically induced tumor. Altevogt P, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1155–62

Transvascular migration of L2C leukemic cells studied in the liver of the guinea pig. Azzarelli B, et al. **Virchows Arch** [A] 1985;406(4):425–40

THERAPY

The use of immunotoxins containing ricin A or B chains to kill neoplastic B cells. Vitetta ES, et al. **Ann NY Acad Sci** 1985;446:228–36

Potentiation of differential hyperthermic sensitivity of AKR leukemia and normal bone marrow cells by lidocaine or thiopental. Robins HI, et al. **Cancer** 1984 Dec 15; 54(12):2831–5

Synergistic anti-suppressor effect of mini cells prepared from Salmonella typhimurium and mitomycin C in EL 4-bearing mice. Kurashige S, et al. **Cancer Immunol Immunother** 1985; 19(2):127–9

Immunomodulation and therapeutic characterization of thymosin fraction five. Talmadge JE, et al. **Cancer Immunol Immunother** 1984;18(3):185–94

Effects of murine tumor necrosis factor on Friend erythroleukemic cells. Suyama K, et al. **Exp Cell Biol** 1985; 53(2):85–92

Antitumor activity of normal human globulin: effects on murine and human erythroleukemic cells. Suyama K, et al. **Exp Cell Biol** 1985;53(2):93–9

Adoptive immunotherapy of intracerebral murine lymphomas: role of different lymphoid populations. Romani L, et al. **Int J Cancer** 1985 May 15;35(5):659-65

How does interferon inhibit tumor growth? Gresser I. **Interferon** 1985;6:93–126 (116 ref.)

Therapy of disseminated murine leukemia with cyclophosphamide and immune Lyt-1+,2- T cells. Tumor eradication does not require participation of cytotoxic T cells. Greenberg PD, et al. **J Exp Med** 1985 May 1; 161(5):1122–34

Influence of antibody isotype on passive serotherapy of lymphoma. Denkers EY, et al. **J Immunol** 1985 Sep; 135(3):2183–6

Immunotherapy of lymphoid and nonlymphoid tumors with monoclonal anti-Lyt-1 antibodies. Hollander N. **J Immunol** 1984 Nov;133(5):2801–5

Induction of tumor-inhibitory macrophages with a novel synthetic immunomodulator, 3,6-bis(2-piperidinoethoxy)acridine trihydrochloride (CL 246,738). Wang BS, et al. **J Immunol** 1985 Jul;135(1):679-83

Influence of antibody infusion on pathogenesis of experimental feline leukemia virus infection. Haley PJ, et al. **JNCI** 1985 Apr;74(4):821–7

Effect of combination therapy of specific active immunization and aclacinomycin-A on murine myeloid leukemia. Nara N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep; 47(6):1280–6

[Therapy of leukemia in rats using a conjugate of specific immunoglobulin and albumin-methotrexate] Storek J. **Sb Lek** 1985 May;87(5):121–7 (Eng. Abstr.) **(Cze)**

[Evaluation of leukemogenic and immunogenic properties of leukemic cells modified by neuraminidase of non-cholera Vibrios on the model of Rauscher leukemia] Bratus GG, et al. **Eksp Onkol** 1985;7(2):56–60 (Eng. Abstr.) **(Rus)**

TRANSMISSION

Maternal transmission of resistance to virus-induced leukemia. Duran-Reynals ML. **Prog Med Virol** 1985; 32:47–57

ULTRASTRUCTURE

Interaction of rhodamine 123 with mitochondria isolated from drug-sensitive and -resistant Friend leukemia cells. Abou-Khalil S, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1039–44

Ultrastructural evidence for contacts between migrating L5222 rat leukemia cells and extracellular matrix components of the rat mesentery. Müller-Glauser W, et al. **Cell Biol Int Rep** 1985 May;9(5):447–61

URINE

Alterations in concentrations of cyclic guanosine 3',5'-monophosphate in guinea pig urine during the development of a transplantable leukaemia. Williams AC, et al. **Cancer Lett** 1985 Aug;28(1):93–101

LEUKEMIA, GRANULOCYTIC see **LEUKEMIA, MYELOCYTIC**

LEUKEMIA, HAIRY CELL

Hairy cell leukemia associated with carcinoma: report of two patients and review of the literature. Or R, et al. **Blut** 1985

May;50(5):299-301

[Hairy cell leukemia. Clinico-pathological study of 30 cases observed 1966 to 1979] Silingardi V, et al. **Recenti Prog Med** 1984 May;75(5):462-84 (Eng. Abstr.) **(Ita)**

BLOOD

The Hp, Gc, Gm, Km and beta 2-glycoprotein I genetic variants in hairy cell leukemia: no apparent association. Wiedermann D, et al. **Neoplasma** 1985;32(2):145-9

Acute phase protein profiles in hairy-cell leukemia. Study in 50 patients. Effects of splenectomy. Wiedermann D, et al. **Neoplasma** 1984;31(5):565-72

Cell membrane complex carbohydrates in leukemia: glycoproteins in hairy cell and other leukemias. Klock JC, et al. **Semin Oncol** 1984 Dec;11(4):422-6

CLASSIFICATION

Hairy cell leukemia: its place among the chronic B cell leukemias. Jansen J, et al. **Semin Oncol** 1984 Dec; 11(4):386-93

COMPLICATIONS

Another immune-mediated disease associated with hairy cell leukemia: chronic active hepatitis. Begley CG, et al. **Acta Haematol (Basel)** 1985;73(2):104-5

Polycythemia rubra vera and hairy cell leukemia [letter] Mufti GJ, et al. **Acta Haematol (Basel)** 1985;73(3):189

Salmonella infection in hairy cell leukemia: report of a case. Tilly H, et al. **Am J Hematol** 1985 Aug;19(4):423-5

Cryoglobulinemia and immune-mediated glomerulonephritis in association with hairy cell leukemia. Douglas MF, et al. **Am J Kidney Dis** 1985 Sep;6(3):181-4

Coexistence of myeloid metaplasia with myelofibrosis and hairy-cell leukemia. Subramanian VP, et al. **Arch Intern Med** 1985 Jan;145(1):164-6

Nephrotic syndrome and hairy cell leukaemia [letter] Schofield KP, et al. **Br J Haematol** 1985 Jun;60(2):389-90

Paecilomyces varioti pneumonia complicating hairy cell leukaemia. Dharmasena FM, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):967-8

Second malignancies in hairy cell leukemia. Jacobs RH, et al. **Cancer** 1985 Sep 15;56(6):1462-7

Candida rugosa in immunocompromised infection. Case reports, drug susceptibility, and review of the literature. Sugar AM, et al. **Cancer** 1985 Jul 15;56(2):318-20

Simultaneous occurrence of hairy cell leukemia and Hodgkin's disease in the same patient [letter] Resegotti L, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):185

Humoral response to disseminated infection by Mycobacterium avium-Mycobacterium intracellulare in acquired immunodeficiency syndrome and hairy cell leukemia. Winter SM, et al. **J Infect Dis** 1985 Mar; 151(3):523-7

Hairy cell leukaemia presenting as spontaneous urethral rupture. Stotter AT. **J R Soc Med** 1985 Jan;78(1):76-9

Granulomatous disease complicating hairy cell leukemia. Rex JH, et al. **Tex Med** 1985 Jul;81(7):31-3

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case 5--1984. Fever and leukopenia 27 years after splenectomy] Guillevin L, et al. **Ann Med Interne (Paris)** 1984;135(7):568-72 **(Fre)**

[Tricholeukocytic leukemia disclosed during Legionella pneumophila pneumonia (letter)] Bergmann JF, et al. **Presse Med** 1984 Oct 27;13(38):2323-4 **(Fre)**

[Tricholeukocytic leukemia complicated by a bronchopulmonary aspergillosis (letter)] Sirinelli A, et al. **Presse Med** 1985 Jan 12;14(1):44 **(Fre)**

[Pancytopenia] Marti HR. **Schweiz Rundsch Med Prax** 1985 Jan 15;74(3):31-3 (15 ref.) (Eng. Abstr.) **(Ger)**

DIAGNOSIS

The differential diagnosis of hairy cell leukemia with a panel of monoclonal antibodies. Falini B, et al. **Am J Clin Pathol** 1985 Mar;83(3):289-300

The monoclonal antibodies alpha S-HCL 1 (alpha Leu-14) and alpha S-HCL 3 (alpha Leu-M5) allow the diagnosis of hairy cell leukemia. Schwarting R, et al. **Blood** 1985 Apr;65(4):974-83

Mycobacterial infections preceding hairy-cell leukemia diagnosis. Description of two cases. Ambrosetti A, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):49-52

Hairy cell leukemia-like chronic lymphoproliferative disorder with nuclear extrusion. Brugiatelli M, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):25-9

On the difficulties in the diagnosis of hairy cell leukaemia [letter] Feliu E, et al. **Scand J Haematol** 1984 Nov;33(5):492

The diagnosis and differential diagnosis of hairy cell leukemia in bone marrow and spleen. Burke JS, et al. **Semin Oncol** 1984 Dec;11(4):334-46

Hairy cell leukemia (HCL) variant: an intermediate disease between HCL and B prolymphocytic leukemia. Catovsky D, et al. **Semin Oncol** 1984 Dec;11(4):362-9

Clinical problems in hairy cell leukemia: diagnosis and management. Westbrook CA, et al. **Semin Oncol** 1984 Dec; 11(4 Suppl 2):514-22 (52 ref.)

Benign and neoplastic disorders simulating hairy cell leukemia. Yam LT, et al. **Semin Oncol** 1984 Dec; 11(4):353-61

Hairy cell leukemia: a case of cryptococcosis appearing as hairy cell meningitis. Gualtieri RJ, et al. **South Med J** 1984 Oct;77(10):1341-2

[A case of malignant lymphoma with circulating hairy cells (letter)] La Gioia A, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):186 **(Ita)**

[A case of hairy cell leukemia] Rość D, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):175-8 (Eng. Abstr.) **(Pol)**

[53-year old male with anemic syndrome, splenomegaly and pancytopenia (clinicopathologic conference)] Giralt M, et al. **Med Clin (Barc)** 1984 Dec 15;83(20):859-65 **(Spa)**

DRUG THERAPY

Intensive chemotherapy of hairy cell leukemia in patients with aggressive disease. Calvo F, et al. **Blood** 1985 Jan; 65(1):115-9

Recombinant alpha-2-interferon for hairy cell leukemia. Jacobs AD, et al. **Blood** 1985 Apr;65(4):1017-20

Treatment of hairy cell leukemia with recombinant alpha 2 interferon. Ratain MJ, et al. **Blood** 1985 Mar;65(3):644-8

Toxicity and bone marrow response of patients with hairy cell leukemia treated with biosynthetic (recombinant) alpha-2-interferon. Jacobs AD, et al. **Blut** 1985 Jan; 50(1):33-4

Platelet-adjusted IFN dosage in the treatment of advanced hairy cell leukemia. Porzsolt F, et al. **Blut** 1985 Aug; 51(2):73-82

Hairy-cell leukaemia. Cawley JC, et al. **Br J Haematol** 1985 Jun;60(2):213-8

Chemotherapy-induced remission in a patient with small cell carcinoma of the lung and hairy cell leukemia. Kuebler JP, et al. **Cancer** 1985 Jun 15;55(12):2758-60

Hairy-cell leukemia: induction of complete remission with pentostatin (2'-deoxycoformycin). Spiers AS, et al. **J Clin Oncol** 1984 Dec;2(12):1336-42

Chlorambucil therapy of twenty-four postsplenectomy patients with progressive hairy cell leukemia. Golomb HM, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):502-8

[Effect of interferon-alpha 2 (E. coli) in hairy cell leukemia] Hofmann V, et al. **Schweiz Med Wochenschr** 1985 Feb 16; 115(7):235-8 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

The type 5, acid phosphatase from spleen of humans with hairy cell leukemia. Purification, properties, immunological characterization, and comparison with porcine uteroferrin. Ketcham CM, et al. **J Biol Chem** 1985 May 10; 260(9):5768-76

ETIOLOGY

A case-control inquiry into the etiology of hairy cell leukemia. Oleske D, et al. **Am J Epidemiol** 1985 May; 121(5):675-83

[Complex pathogenesis of a systemic hemopathy: hairy cell leukemia] Artusi T, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):598-625 (116 ref.) (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

14q- in two hairy cell leukemia patients [letter] Berger R, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):91-3

Cytogenetic studies of stimulated lymphocytes in hairy cell leukemia. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 May;17(1):69-74

IMMUNOLOGY

Hairy-cell leukemia with hybrid B-T features: a study with a panel of monoclonal antibodies. Armitage RJ, et al. **Am J Hematol** 1985 Apr;18(4):335-44

Legionnaires' disease and hairy-cell leukemia. An unfortuitous association? Cordonnier C, et al. **Arch Intern Med** 1984 Dec;144(12):2373-5

Hairy cell leukemia: a tumor of pre-plasma cells. Anderson KC, et al. **Blood** 1985 Mar;65(3):620-9

Further evidence for the B-cell nature of hairy cells. A study using immunostaining of splenic tissue with a wide panel of monoclonal antibodies. Pallesen G, et al. **Blut** 1984 Nov; 49(5):395-403

Hairy cell leukemia and arteritis. Hughes GR. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):9

Natural killer lymphocytes in hairy cell leukemia: presence of phenotypically identifiable cells with defective functional activity. Smith BR, et al. **Exp Hematol** 1985 Mar; 13(3):189-93

Expression of p35 in hairy leukemic cells from Japanese patients. Shibuya A, et al. **Hematol Oncol** 1984 Oct-Dec; 2(4):359-64

Ultrastructural localization of immunoglobulins in hairy cell leukemia. Mori N, et al. **Hum Pathol** 1984 Nov; 15(11):1042-7

A comparison of membrane marker phenotypes in hairy-cell leukemia and phorbol-ester induced B-cll cells using monoclonal antibodies. Herrmann F, et al. **Leuk Res** 1985; 9(5):529-36

T cell subsets in hairy cell leukemia. Cawley JC, et al. **Semin Oncol** 1984 Dec;11(4):405-8

Cellular origin of hairy cell leukemia: malignant B cells that express receptors for T cell growth factor. Korsmeyer SJ, et al. **Semin Oncol** 1984 Dec;11(4):394-400

Membrane phenotype and functional behaviour of T lymphocytes in hairy cell leukemia (HCL). Lauria F, et al. **Semin Oncol** 1984 Dec;11(4):409-12

The membrane phenotype of hairy cell leukemia: a study with monoclonal antibodies. Melo JV, et al. **Semin Oncol** 1984 Dec;11(4):381-5

Differentiation antigens associated with hairy cell leukemia. Posnett DN, et al. **Semin Oncol** 1984 Dec;11(4):41[illegible]-5

The Ii nature of p35 on hairy leukemic cells. Spiro RC, et al. **Semin Oncol** 1984 Dec;11(4):427-32

Non T lymphoid cells can express T cell surface characteristics: normal, HCL, and a range of leukemic B cells express T cell antigens after appropriate in vitro stimulation. Worman CP, et al. **Semin Oncol** 1984 Dec; 11(4):401-4

[Cell membrane antigens in hairy cell leukemia] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1201-3 (Eng. Abstr.) **(Pol)**

[Immunity factors and nonspecific anti-infection defense in hairy cell leukemia] Akhmedov AG, et al. **Gematol Transfuziol** 1985 Jun;30(6):30-4 (Eng. Abstr.) **(Rus)**

[Immunologic characterization of hairy-cell leukemia or tricholeukemia] San Miguel JF, et al. **Sangre (Barc)** 1984; 29(3):280-6 (Eng. Abstr.) **(Spa)**

METABOLISM

Phorbol ester tumor promoters specifically stimulate choline phospholipid metabolism in human leukemic cells. Lockney MW, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):384-92

Kinetics of Ii synthesis, processing, and turnover in n-butyrate-treated Burkitt's lymphoma cell lines which express or do not express class II antigens and in hairy leukemic cells. Spiro RC, et al. **J Immunol** 1985 May; 134(5):3539-49

Biochemical studies on hairy cell leukemic cells. Dawson G, et al. **Semin Oncol** 1984 Dec;11(4):416-21

MICROBIOLOGY

Epstein-Barr virus infections in hairy cell leukemia patients in the presence of complement-dependent neutralizing antibody. Sairenji T, et al. **Cancer Res** 1985 Jan;45(1):411-5

Characterization of Epstein-Barr virus infection of hairy cell leukemia patients. Sairenji T, et al. **Semin Oncol** 1984 Dec; 11(4):439-45

Hairy cell leukemia and human T cell leukemia virus. Wachsman W, et al. **Semin Oncol** 1984 Dec;11(4):446-50

MORTALITY

A report of seven long survivors for evidence of prognostic factors in hairy cell leukemia. Federico M, et al. **Tumori** 1984 Dec 31;70(6):513-21

OCCURRENCE

Hairy cell leukemia: a comparative study of Japanese and non-Japanese patients. Katayama I, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):486-92

PATHOLOGY

Hairy cell leukemia: a retrospective study of 235 cases by the Italian Cooperative Group (ICGHCL) according to Jansen's clinical staging system. Damasio EE, et al. **Acta Haematol (Basel)** 1984;72(5):326-34

Hairy-cell leukemia associated with Hodgkin's disease: a case report. Vokes EE, et al. **Am J Hematol** 1985 Apr; 18(4):413-9

Involvement of the nervous system in hairy cell leukemia [letter] Le Bezu M, et al. **Arch Neurol** 1985 Sep;42(9):839

Hairy cell leukemia: a B-lymphocytic disorder derived from splenic marginal zone lymphocytes? van den Oord JJ, et al. **Blut** 1985 Apr;50(4):191-4

In-vitro induction of some features of hairy cell leukemia in chronic lymphocytic leukemia and immunocytoma cells. Ziegler-Heitbrock HW, et al. **Blut** 1985 Jan;50(1):29-31

Establishment and characterization of an Epstein-Barr virus nuclear antigen-negative hairy cell line. Lang AB, et al. **Exp Cell Biol** 1985;53(2):61-8

Spleen alterations in hairy cell leukemia: a scanning electron microscopic study. Lambertenghi-Deliliers G, et al. **Haematologia (Budap)** 1984;17(3):333-40

Histopathological lesions of the liver in hairy cell leukemia: a report of 14 cases. Roquet ML, et al. **Hepatology** 1985 May-Jun;5(3):496-500

Hairy cell leukemia: kinetics and intercellular relationships of cells in leukemic colonies grown in a semisolid medium. Merchant RE, et al. **Int J Cell Cloning** 1985 May; 3(3):156-68

Cutaneous findings in hairy cell leukemia. Finan MC, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):788-97

Growth factor-mediated tumor cell proliferation in hairy cell leukemia. Ford RJ, et al. **J Exp Med** 1985 Sep 1; 162(3):1093-8

Central nervous system involvement in hairy cell leukemia. Knecht H, et al. **Klin Wochenschr** 1985 May 2;63(9):423-7

Rapid morphological and substratum adherence response by hairy cell and other human leukemic cells to phorbol ester tumor promoters. Lockney MW, et al. **Leuk Res** 1985; 9(2):297-304

Normal counterparts of hairy cells and B-prolymphocytes in the peripheral blood. An ultrastructural study with monoclonal antibodies and the immunogold method. Robinson DS, et al. **Leuk Res** 1985;9(3):335-48

Patient sues for title to own cells [news] Blakeslee S. **Nature** 1984 Sep 20-26;311(5983):198

The effect of tetradecanoyl-12, 13-phorbol acetate on 'hairy' cells. Skinnider L, et al. **Scand J Haematol** 1984 Sep; 33(3):301-8

Effect of phorbol ester tumor promoters on hairy cell leukemic cells. Lockney MW, et al. **Semin Oncol** 1984 Dec; 11(4):433-8

Hairy cell leukemia: an immunohistochemic and morphometric study. Meijer CJ, et al. **Semin Oncol** 1984 Dec;11(4):347-52

Autopsy findings in hairy cell leukemia. Vardiman JW, et al. **Semin Oncol** 1984 Dec;11(4):370-80

In vitro response of cells from three patients with hairy cell leukemia to a recombinant leukocyte interferon. Hiraoka A, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):73-82

[Hairy-cell leukemia--analysis of 13 cases] Hou YH. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):735-8, 789 (Eng. Abstr.) **(Chi)**

[Bony lesions in hairy cell leukemia. Various therapeutic considerations apropos of a case report] Huaux JP, et al. **Acta Clin Belg** 1984;39(6):339-51 (Eng. Abstr.) **(Fre)**

[Case of Kaposi's sarcoma combined with villous cell leukemia] Kerimov SG, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):45-8 (Eng. Abstr.) **(Rus)**

[Hairy cell leukemia. Personal experience with 11 cases] Stojčevski T, et al. **Bilt Hematol Transfuz** 1983; 11(2-3):59-69 (Eng. Abstr.) **(Scr)**

PHYSIOPATHOLOGY

The history of hairy cell leukemia: characteristics of long-term survivors. Bouroncle BA. **Semin Oncol** 1984 Dec;11(4 Suppl 2):479-85

Hairy cell leukemia: clinical presentation and follow-up of 211 patients. Flandrin G, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):458-71

[Hairy cell leukemia: study of the development of 211 cases] Flandrin G, et al. **Presse Med** 1984 Dec 22;13(46):2795-9 (Eng. Abstr.) **(Fre)**

THERAPY

High-dose methotrexate with leucovorin rescue: effectiveness in relapsed hairy cell leukemia. Joosten P, et al. **Blood** 1985 Jul;66(1):241-2

Interferon is effective in hairy-cell leukaemia. Worman CP, et al. **Br J Haematol** 1985 Aug;60(4):759-63

Recombinant alpha-2 interferon in the treatment of hairy cell leukemia. Thompson JA, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):791-3

Treatment of hairy cell leukemia by leukapheresis: when, how, and why [editorial] Yam LT. **J Clin Apheresis** 1984; 2(2):153-4

Treatment with low dose human recombinant interferon-alpha-2-ARG induces complete remission in patients with hairy cell leukemia. Gastl G, et al. **Onkologie** 1985 Jun;8(3):143-4

Treatment of hairy-cell leukemia with recombinant leukocyte A interferon. Mahmoud HK, et al. **Onkologie** 1985 Jun;8(3):141-2

Identical twin bone marrow transplantation for hairy cell leukemia. Cheever MA, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):511-3

Chlorambucil therapy of twenty-four postsplenectomy patients with progressive hairy cell leukemia. Golomb HM, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):502-8

Prognosis and therapy in hairy cell leukemia. Jansen J, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):472-8

Biologic therapy of hairy cell leukemia. Quesada JR, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):507-10

Clinical problems in hairy cell leukemia: diagnosis and management. Westbrook CA, et al. **Semin Oncol** 1984 Dec; 11(4 Suppl 2):514-22 (52 ref.)

Therapeutic leukapheresis in hairy cell leukemia: review of literature and personal experience. Yam LT, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 2):493-501

[Therapeutic leukapheresis in tricholeukocytic leukemia] Karsenty G, et al. **Ann Med Interne (Paris)** 1984; 135(6):449-51 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Hairy cell leukemia. Ultrastructural and cytochemical evaluation of leukemic colonies grown in a semi-solid medium. Merchant RE, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):221-32

Ultrastructural, immunological and clinical findings in two cases of hairy cell leukemia. Mantovani G, et al. **J Submicrosc Cytol** 1985 Apr;17(2):287-92

Particular ultrastructural aspects in some splenectomized cases of hairy cell leukemia. Mirancea N, et al. **Morphol Embryol (Bucur)** 1984 Oct-Dec;30(4):269-72

LEUKEMIA L1210

DRUG THERAPY

Therapeutic and diabetogenic potential of two newly synthesized nitrosoureido sugars. Bernacki RJ, et al. **Cancer Res** 1985 Feb;45(2):695-702

Synergistic antitumor effect of fluoropyrimidines and polyinosinic-polycytidylic acid against L1210 leukemia. Iigo M, et al. **Cancer Res** 1985 Sep;45(9):4039-42

Effect of pretreatment with alpha-difluoromethylornithine on the selectivity of methylglyoxal bis(guanylhydrazone) for tumor tissue in L1210 leukemic mice. Kramer DL, et al. **Cancer Res** 1985 Jun;45(6):2512-5

Mutagenic and chemotherapeutic activity in L1210 leukemia of several monofunctional alkylating agents. Schmid FA, et al. **Cancer Res** 1985 Jan;45(1):40-4

Restoration of sensitivity to oxazaphosphorines by inhibitors of aldehyde dehydrogenase activity in cultured oxazaphosphorine-resistant L1210 and cross-linking agent-resistant P388 cell lines. Sladek NE, et al. **Cancer Res** 1985 Apr;45(4):1549-55

Collateral sensitivity to cross-linking agents exhibited by cultured L1210 cells resistant to oxazaphosphorines. Sladek NE, et al. **Cancer Res** 1985 Feb;45(2):625-9

Effects of the alpha-D-anomer of 5-aza-2'-deoxycytidine on L1210 mouse leukemic cells in vitro and in vivo. Veselý J, et al. **Cancer Res** 1984 Nov;44(11):5165-8

Antileukemic activity of 5-aza-2'-deoxycytidine and cytarabine against intracerebral L1210 murine leukemia. Chabot GG, et al. **Cancer Treat Rep** 1984 Dec; 68(12):1483-7

Murine leukemia L1210 cell lines with different patterns of resistance to platinum coordination complexes. Eastman A, et al. **Cancer Treat Rep** 1984 Sep;68(9):1189-90

Analysis of 'early' thymidine/inosine protection as an adjunct to methotrexate therapy. Eleff M, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):867-74

Antitumor activity of trans-bis(salicylaldoximato)copper(II): a novel antiproliferative metal complex. Elo HO, et al. **Cancer Treat Rep** 1985 Sep;69(9):1021-2

Effects of 5-aza-2'-deoxycytidine in combination with the biochemical modulator thymidine or the immune modulator pyran copolymer on L1210 leukemia-bearing mice. Zaharko DS, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1255-64

Comparison of the in vitro cytotoxicity (L1210) of 5-aza-2'-deoxycytidine with its therapeutic and toxic effects in mice. Covey JM, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):109-17

Immunological concepts and the combination of cyclophosphamide with 5-aza-2'-deoxycytidine on L1210 in vivo. Zaharko DS. **J Immunopharmacol** 1985; 7(2):195-202

Activity of platinum(II) intercalating agents against murine leukemia L1210. McFadyen WD, et al. **J Med Chem** 1985 Aug;28(8):1113-6

New cysteamine (2-chloroethyl)nitrosoureas. Synthesis and preliminary antitumor results. Madelmont JC, et al. **J Med Chem** 1985 Sep;28(9):1346-50

Growth-inhibition of leukemia L-1210 ascites tumor by combination of carrageenan and mitomycin C in vivo. Matsumoto T, et al. **J Pharmacobiodyn** 1984 Jul;7(7):465-71

Comparison of the antileukemic activity of 5-AZA-2'-deoxycytidine, 1-beta-D-arabinofuranosylcytosine and 5-azacytidine against L1210 leukemia. Momparler RL, et al. **Leuk Res** 1984;8(6):1043-9

Theophylline release of replicon initiation inhibition by nitrosoureas correlates with the synergistic killing in L1210 leukemia in vitro. Ducore JM, et al. **Mutat Res** 1985 Jul; 146(1):1-8

In vivo and in vitro effectivity of some platinum complexes. Balážová E, et al. **Neoplasma** 1984;31(6):641-7

Drug resistance induction and cross-resistance studies with Pt-complexes. Hrubiško M, et al. **Neoplasma** 1984; 31(6):649-53

Comparison of the experimental antitumor activities of three nitrosourea derivatives chlorozotocin, RFCNU and CNCC encapsulated in liposomes with those in the free state. Maral R, et al. **Oncology** 1985;42(2):122-8

[New anthracycline antibiotics and derivatives] Tatsuta K. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2640-52 (Eng. Abstr.) **(Jpn)**

[Changes in the chemotherapy sensitivity of leukemia L1210 cells during the development of diazan resistance] Goncharova SA, et al. **Eksp Onkol** 1985;7(3):56-9 (Eng. Abstr.) **(Rus)**

[Cytogenetic characteristics of the leukemia L1210 strain in the development of drug resistance] Goncharova SA, et al. **Eksp Onkol** 1984;6(4):38-41 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Studies directed toward testing the 'channeling' hypothesis--ribonucleotides----DNA in leukemia L1210 cells. Chiba P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):656-62

Inhibition of ribonucleotide reductase by antitumor agents related to levodopa and dopamine. FitzGerald GB, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):353-60

Rapid determination of thymidylate synthase activity and its inhibition in intact L1210 leukemia cells in vitro. Yalowich JC, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2319-24

Role of aldehyde dehydrogenase in cyclophosphamide-resistant L1210 leukemia. Hilton J. **Cancer Res** 1984 Nov;44(11):5156-60

Stimulation of RNA polymerases I and II from mouse L1210 leukemia and Ehrlich ascites carcinoma cells by spermine and spermidine and its modification by ammonium sulfate. Blair DG. **Int J Biochem** 1984;16(12):1415-22

Immunologic heterogeneity of dihydrofolate reductase from methotrexate sensitive and resistant L1210 leukemia cells. Iqbal MP, et al. **Proc Soc Exp Biol Med** 1985 Oct; 180(1):98-102

FAMILIAL & GENETIC

Characterization of VP-16-induced DNA damage in isolated nuclei from L1210 cells. Glisson BS, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):74-9

Mutagenic and chemotherapeutic activity in L1210 leukemia of several monofunctional alkylating agents [letter] Wheeler GP, et al. **Cancer Res** 1985 Jul;45(7):3400-2

Banding karyotype analysis of murine leukemia L1210 cell lines with special regard to changes associated with a shift from in vivo to in vitro growth. Dowjat K. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):233-42

IMMUNOLOGY

Cell surface antigens of L-1210 leukemia recognized by monoclonal antibodies. Szkudlarek J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):671-5

The comparison of susceptibility of two target cells (HuRBC and L1210) to antibody dependent lymphocyte cytotoxicity. Wasik M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):641-8

Effect of levamisole on cytotoxic T-cell-mediated immune resistance to L1210 murine leukemia in hyperimmune mice. Gomi K, et al. **Cancer Immunol Immunother** 1984; 17(3):195-9

Time course localization of immunoglobulin M monoclonal antibody and its fragments in leukemic tumor-bearing mice. Maillet T, et al. **Cancer Immunol Immunother** 1985; 19(3):177-82

Selective macrophage activation by muramyldipeptide bound to monoclonal antibodies specific for mouse tumor cells. Roche AC, et al. **Cancer Immunol Immunother** 1984; 18(3):155-9

Production of antitumor T-cells in tumor-bearing mice treated with tumor vaccine and 6-mercaptopurine. Kataoka T, et al. **Cancer Res** 1985 Jul;45(7):2962-6

Effects of ethylene glycol monomethyl (EGME) and monoethyl (EGEE) ethers on the immunocompetence of allogeneic and syngeneic mice bearing L1210 mouse leukemia. Houchens DP, et al. **Environ Health Perspect** 1984 Aug;57:113-8

Immune rejection mechanisms in murine leukemia. I. Timing of tumor cell rejection process relative to the development of humoral and cell-mediated cytotoxic immune responses. Ciavarra RP, et al. **Int J Cancer** 1984 Nov 15;34(5):681-8

Simultaneous development of humoral and cellular tumor-specific immunity against L1210 mouse leukemia. Kawashima K, et al. **Leuk Res** 1985;9(7):935-9

[Stress-induced decrease in body resistance to tumor growth and the prevention of this phenomenon by central inhibitory metabolites] Sukhikh GT, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct;278(1):253-6 **(Rus)**

METABOLISM

Aberrant oxygen metabolism in neoplastic cells injured by cytotoxic macrophages. Granger DL, et al. **Adv Exp Med Biol** 1985;184:51-63

L1210(A) mouse lymphoma cells depleted of glutathione with L-buthionine-S-R-sulfoximine proliferate in tissue culture. Gaetjens EC, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):626-32

Carnitine prevents the early mitochondrial damage induced by methylglyoxal bis(guanylhydrazone) in L1210 leukaemia cells. Nikula P, et al. **Biochem J** 1985 Jun 1;228(2):513-6

Investigations of the action of the antitumour drug adriamycin on tumour cell membrane functions—I. Chahwala SB, et al. **Biochem Pharmacol** 1985 May 1; 34(9):1501-5

Inhibitory effects of probenecid on the individual transport routes which mediate the influx and efflux of methotrexate in L1210 cells. Henderson GB, et al. **Biochem Pharmacol** 1985 May 15;34(10):1725-9

Regulation of pyrimidine biosynthesis in cultured L1210 cells by 3-deazauridine. Karle JM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3739-42

Effect of the dialdehyde derivative of 5'-deoxyinosine on pyrimidine deoxyribonucleoside metabolism in L1210 cells. Ohmstede CA, et al. **Biochem Pharmacol** 1985 May 15; 34(10):1717-24

Two mechanisms of adriamycin-DNA interaction in L1210 cells. Potmesil M, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3137-42

Inhibition of dihydrofolate reductase, methotrexate transport, and growth of methotrexate-sensitive and -resistant L1210 leukemia cells in vitro by 5-substituted 2,4-diaminoquinazolines. Susten SS, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2163-7

Uptake of neoglycoproteins via membrane lectin(s) of L1210 cells evidenced by quantitative flow cytofluorometry and drug targeting. Monsigny M, et al. **Biol Cell** 1984; 51(2):187-96

Interferon production in mixed cultures of murine leukocytes and syngeneic L1210 leukemia cells. Sarzotti M, et al. **Boll Ist Sieroter Milan** 1982;61(3):218-24

Selenocystine is not a cystine antimetabolite in L1210 cells. Fisher JM, et al. **Cancer Lett** 1985 Aug;28(1):43-6

Effect of 2-beta-D-ribofuranosylthiazole-4-carboxamide on uptake of nucleosides by cultured L1210 cells. Karle JM, et al. **Cancer Lett** 1984 Aug;24(1):11-8

Effects of succinylacetone on growth and respiration of L1210 leukemia cells. Weinbach EC, et al. **Cancer Lett** 1985 Apr;26(3):253-9

Comparative molecular pharmacology in leukemic L1210 cells of the anthracene anticancer drugs mitoxantrone and bisantrene. Bowden GT, et al. **Cancer Res** 1985 Oct; 45(10):4915-20

DNA alkali-labile sites induced by incorporation of 5-aza-2'-deoxycytidine into DNA of mouse leukemia L1210 cells. D'Incalci M, et al. **Cancer Res** 1985 Jul; 45(7):3197-202

Extent of the requirement for folate transport by L1210 cells for growth and leukemogenesis in vivo. Sirotnak FM, et al. **Cancer Res** 1985 Oct;45(10):4732-4

Verapamil-induced augmentation of etoposide accumulation in L1210 cells in vitro. Yalowich JC, et al. **Cancer Res** 1985 Apr;45(4):1651-6

Effect of difluoromethylornithine, an inhibitor of polyamine biosynthesis, on the topoisomerase II-mediated DNA scission produced by 4'-(9-acridinylamino)methanesulfon-m-anisidide in L1210 murine leukemia cells. Zwelling LA, et al. **Cancer Res** 1985 Mar;45(3):1122-6

Antiviral activity in L1210 cells of liposome-encapsulated (2'-5')oligo(adenylate) analogues. Bayard B, et al. **Eur J Biochem** 1985 Sep 2;151(2):319-25

Conversion of 6-mercaptopurine to 6-thioguanylic acid in L-1210 cells and human leukemia cells. Uchida M, et al. **Gann** 1985 Feb;76(2):124-30

New antitumor antibiotic, FR-900405. III. Mechanism of action of FR-900405. Kiyoto S, et al. **J Antibiot (Tokyo)** 1985 Jul;38(7):955-6

A novel class of genetic variants of the L1210 cell up-regulated for folate analogue transport inward. Isolation, characterization, and degree of metabolic instability of the system. Sirotnak FM, et al. **J Biol Chem** 1984 Nov 10;259(21):13139-44

Characterization of the multiple transport routes for methotrexate in L1210 cells using phthalate as a model anion substrate. Henderson GB, et al. **J Membr Biol** 1985; 85(3):263-8

Glucocorticoid receptors of normal and leukemic cells: role of proliferation conditions. Smets LA, et al. **Leuk Res** 1985; 9(2):199-207

Long term instability and molecular mechanism of 5-azacytidine-induced DNA hypomethylation in normal and neoplastic tissues in vivo. Lu LJ, et al. **Mol Pharmacol** 1984 Nov;26(3):594-603

Assay and time course of 5-fluorouracil incorporation into RNA of L1210/0 ascites cells in vivo. Spears CP, et al. **Mol Pharmacol** 1985 Feb;27(2):302-7

Pharmacokinetics and cellular determinants of response to 1-beta-arabinofuranosylcytosine (ara-C). Riva CM, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):1-8

[Effects of aclacinomycin B on biological macromolecular contents and synthesis of L1210 cells] Li ZR, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):174-8 (Eng. Abstr.) **(Chi)**

[Effects of hematoporphyrin derivatives--photoirradiation on DNA and RNA synthesis in L1210 cells] Li ZR, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):17-20 (Eng. Abstr.) **(Chi)**

[Disruption of DNA synthesis and structure of mouse L1210 leukemia cells, sensitive and resistant to 1-methyl-1 nitrosourea and 1,3-bis(2-chloroethyl)-1-nitrosourea in vivo] Kukushkina GV, et al. **Biokhimiia** 1984 Jul; 49(7):1189-98 (Eng. Abstr.) **(Rus)**

[Biotransformation of 1-beta-D-ribofuranosyl-4-methylthiopyrazolo(3,4-d)pyri and its 5'-monophosphate] Korbukh IA, et al. **Bioorg Khim** 1984 Jul;10(7):963-9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Cytopro[illegible]ion by somatostatin of normal and malignant clon[illegible] cells against the in vitro cytotoxicity of bis[illegible]oethylnitrosourea (BCNU). Maurer HR, et al. **Arzneimittelforsch** 1984;34(9):939-43

delta 12-Prostaglandin J2, an ultimate metabolite of prostaglandin D2 exerting cell growth inhibition. Narumiya S, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):739-45

Initial mechanistic studies with merbarone (NSC 336628). Cooney DA, et al. **Biochem Pharmacol** 1985 Sep 15; 34(18):3395-8

Inhibition of ribonucleotide reductase and L1210 cell growth by N-hydroxy-N'-aminoguanidine derivatives. Cory JG, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2645-50

Enhancement of intercalator-induced deoxyribonucleic acid scission and cytotoxicity in murine leukemia cells treated with 5-azacytidine. Zwelling LA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3903-6

The effects of 6-mercaptopurine nucleotide derivatives on the growth and survival of 6-mercaptopurine-sensitive and -resistant cell culture lines. Johnston HP, et al. **Br J Cancer** 1985 Apr;51(4):505-14

Abolition of L1210 clonogeneticy and G1 arrest by retinoic acid and 1,25-dihydroxyvitamin D3. Moqattash S, et al. **Cancer Lett** 1985 Jun;27(2):125-34

Characterization of L1210 cell growth inhibition by the bacterial iron chelators parabactin and compound II. Cavanaugh PF Jr, et al. **Cancer Res** 1985 Oct;45(10):4754-9

Enhancement of the DNA breakage and cytotoxic effects of intercalating agents by treatment with sublethal doses of 1-beta-D-arabinofuranosylcytosine or hydroxyurea in L1210 cells. Minford J, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5583-93

Biological properties of N4- and N1,N8-spermidine derivatives in cultured L1210 leukemia cells. Porter CW, et al. **Cancer Res** 1985 May;45(5):2050-7

Role of topoisomerase II in mediating epipodophyllotoxin-induced DNA cleavage. Ross W, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5857-60

Mechanism of action of arenesulfonylhydrazones of 2-pyridinecarboxaldehyde 1-oxide in L1210 cells. Shiba DA, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5707-11

S1-phase cells of the leukemic cell cycle sensitive to 1-beta-D-arabinofuranosylcytosine at a high-dose level. Smets LA, et al. **Cancer Res** 1985 Jul;45(7):3113-7

Antitumor activity of DL-threo-beta-fluoroasparagine against human leukemia cells in culture and L1210 cells in DBA mice. Stern AM, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5614-8

Effects of dose and duration of exposure on 5-aza-2'-deoxycytidine cytotoxicity for L1210 leukemia in vitro. Covey JM, et al. **Cancer Treat Rep** 1984 Dec; 68(12):1475-81

Mouse lymphoma L1210 cells can be arrested in the G1 phase by adjusting cellular cysteine and glutathione. Ishii T, et al. **Cell Struct Funct** 1985 Mar;10(1):89-93

Effects of [3H]UdR on the cell-cycle progression of L1210 cells. Darzynkiewicz Z, et al. **Cell Tissue Kinet** 1984 Nov; 17(6):641-55

Uracil derivatives. V. Syntheses and growth-inhibitory activity against L-1210 cells of 5-substituted 2'-deoxyuridines and orotidine derivatives. Okada J, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):856-64

Endogenous copper is cytotoxic to a lymphoma in primary culture which requires thiols for growth. Mohindru A, et al. **Experientia** 1985 Aug 15;41(8):1064-6

Dynamic analysis of changing features of tumor cells incubated with antitumor agents in vitro and its application for predictive activity assay of antitumor agents. Oguro M, et al. **Gann** 1985 Feb;76(2):131-41

Cytokinetic study on the effects of N4-behenoyl-1-beta-D-arabinofuranosylcytosine on murine leukemic cells L 1210: a comparison with the effects of 1-beta-D-arabinofuranosylcytosine. Maruo N, et al. **Hematol Oncol** 1985 Jan-Mar;3(1):39-48

Survival of L1210 and Ehrlich ascites cancer cells after mechanical trauma is a random event. Gabor H, et al. **Invasion Metastasis** 1985;5(2):84-95

Plasma kinetics and effects of 5,6-dihydro-5-azacytidine in mice and L1210 tumor. Zaharko DS, et al. **Invest New Drugs** 1985;3(1):35-41

Treatment with alpha-difluoromethylornithine plus a spermidine analog leads to spermine depletion and growth inhibition in cultured L1210 leukemia cells. Casero RA Jr, et al. **J Cell Physiol** 1984 Dec;121(3):476-82

Influence of iron on in vivo proliferation and lethality of L1210 cells. Bergeron RJ, et al. **J Nutr** 1985 Mar; 115(3):369-74

The effect of the plant cell inhibitor propachlor (alpha-chloro-N-isopropyl-acetanilide) on the cell cycle of L1210 cells as evaluated by flow cytometry. Zilkah S, et al. **Life Sci** 1985 Jun 3;36(22):2111-5

Nuclear chromatin condensation of mouse lymphoma (L-1210) cells by methylnitrosourea. An electron microscopic and biochemical study. Enzan H, et al. **Pathol Res Pract** 1985 May;179(6):634-44

Opposing effects of the polycation hexadimethrine (polybrene) on normal and leukemic lymphocytes. Patt LM, et al. **Pharmacology** 1985;30(2):109-14

Selective killing of leukemic cells by merocyanine 540-mediated photosensitization. Sieber F, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7584-7

[A comparative study on the photodynamic inactivation of tumor cells in the presence of several hematoporphyrin derivatives] Xu CX, et al. **Yao Hsueh Hsueh Pao** 1985 Feb; 20(2):94-9 (Eng. Abstr.) **(Chi)**

[Antitumor activity of a new nitrosourea, MCNU, on a cellular morphological basis evaluated by a new in vitro antitumor sensitivity assay] Oguro M, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2550-6 (Eng. Abstr.) **(Jpn)**

[Effect of adenosine triphosphate on the proliferation of cultured tumor cells] Ueno H, et al. **Yakugaku Zasshi** 1984 Nov;104(11):1207-10 (Eng. Abstr.) **(Jpn)**

THERAPY

Prevention and treatment of L1210 mouse leukemia by immunization with xenogenized tumor cells combined with immunostimulation by the P40 fraction of C. granulosum and chemotherapy. Relyveld EH, et al. **Int J Immunopharmacol** 1984;6(5):445-50

ULTRASTRUCTURE

Rhodamine 123 alters the mitochondrial ultrastructure of cultured L1210 cells. Evenson DP, et al. **J Histochem Cytochem** 1985 Apr;33(4):353-9

Morphological changes in L1210 leukaemic cells induced by hyperthermia. Symonds RP, et al. **Scan Electron Microsc** 1984;(Pt 2):825-30

LEUKEMIA L5178 see under **LEUKEMIA, EXPERIMENTAL**

LEUKEMIA, LYMPHOBLASTIC

Acute lymphoblastic leukemia of childhood. Cohen DL, et al. **Am Fam Physician** 1984 Oct;30(4):236-45

Peculiar cytoplasmic inclusions in acute lymphoblastic leukemia: cytochemical and electron microscopic observations. Takemori N, et al. **Am J Clin Pathol** 1985 Apr;83(4):527-34

Pre-B cell acute lymphoblastic leukemia in the newborn. Spier CM, et al. **Blood** 1984 Nov;64(5):1064-6

Ultrastructural analysis of acute lymphoblastic cells: peanut lectin binding correlates with degree of differentiation of the leukemic cells. Haar JL, et al. **Exp Hematol** 1985 Mar; 13(3):169-73

Clinical relevance of lymphoblast biological features in children with acute lymphoblastic leukemia. Kalwinsky DK, et al. **J Clin Oncol** 1985 Apr;3(4):477-84

T-lymphoblastic leukaemia (T-ALL). Zafar MN. **JPMA** 1984 Dec;34(12):358-60

[Correlations between prognostic parameters in acute lymphoblastic leukemia in children] Puccio G, et al. **Minerva Pediatr** 1984 Oct 15;36(19):941-4 (Eng. Abstr.) **(Ita)**

[Prolymphocytic leukemia] Iavorkovskii LL, et al. **Gematol Transfuziol** 1985 Feb;30(2):41-7 (23 ref.) **(Rus)**

ANALYSIS

DNA and RNA determination in 111 cases of childhood acute lymphoblastic leukaemia (ALL) by flow cytometry: correlation of FAB classification with DNA stemline and proliferation. Suarez C, et al. **Br J Haematol** 1985 Aug; 60(4):677-86

Peanut agglutinin, a marker for T-cell acute lymphoblastic leukemia with a good prognosis. Veerman AJ, et al. **Cancer Res** 1985 Apr;45(4):1890-3

Distribution and content of nuclear and cellular RNA among cell populations of acute lymphoblastic and nonlymphoblastic leukemia. Walle AJ. **Cancer Res** 1985 Oct;45(10):5193-5

[Correlation between membrane markers and cytochemical markers in acute T-cell lymphoproliferative disorders. Comparison with other acute lymphoproliferative processes] Larrocha Rabanal C, et al. **Sangre (Barc)** 1984; 29(4-C):741-51 **(Spa)**

BLOOD

Sensitivity for the detection of leukemic cells [letter] **Acta Haematol (Basel)** 1984;72(2):140-3

Glucose metabolism in children with acute lymphoblastic leukemia treated according to two different L-asparaginase schedules. Pastore G, et al. **Acta Haematol (Basel)** 1984; 72(6):384-7

Cell surface fibronectin on peripheral blood lymphocytes in normal individuals and in patients with acute and chronic lymphocytic leukemia and non Hodgkin's lymphoma. Cseh K, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb; 13(1):35-40

Blood lymphocyte volumes and diameters in patients with chronic lymphocytic leukemia and normal controls. Kuse R, et al. **Blut** 1985 Apr;50(4):243-8

Metabolism of fibrinogen in children with acute lymphoblastic leukaemia. Goldschmidt B, et al. **Eur J Pediatr** 1984 Dec;143(2):140-4

Selection and characterization of monoclonal antibodies to the idiotype-like structure of an interleukin-2-producing human leukemia T-cell line. Moretta A, et al. **Int J Cancer** 1985 Aug 15;36(2):253-9

Evidence for extensive intermolecular disulfide bonds of the proteins of non-ionic detergent high-salt-resistant skeletons of normal lymphocytes, and the altered structure in leukemia. Taş S, et al. **Int J Cancer** 1984 Sep 15; 34(3):329-33

Normal human marrow stromal cells induce clonal growth of human malignant T-lymphoblasts. Gallardo RL, et al. **Int J Cell Cloning** 1985 May;3(3):169-75

Platelet function in leukaemias. Tiwari NN, et al. **J Assoc Physicians India** 1984 Sep;32(9):805-7

Lactoferrin in plasma measured by an ELISA technique: evidence that plasma lactoferrin is an indicator of neutrophil turnover and bone marrow activity in acute leukaemia. Birgens HS. **Scand J Haematol** 1985 Apr; 34(4):326-31

Quantitative evaluation of monocyte differentiation by electron microscopy: impairment of differentiation ability in monocytes from children with acute lymphoblastic leukaemia. Tsukada M, et al. **Scand J Haematol** 1985 May; 34(5):406-11

[Electrophoretic mobility in acute null cell lymphoblastic leukemia] Pavone V, et al. **Boll Ist Sieroter Milan** 1982; 61(3):225-9 (Eng. Abstr.) **(Ita)**

[Effect of L-asparaginase on glucose metabolism in children with acute lymphoblastic leukemia] Miniero R, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):428-34 (Eng. Abstr.) **(Ita)**

[Acute lymphoblastic leukemia L3 in Hodgkin's disease in remission: primary or secondary leukosis?] Musto P, et al. **Recenti Prog Med** 1985 Apr;76(4):194-8 (Eng. Abstr.) **(Ita)**

[Studies on monocytes in acute leukemia. Changes in absolute counts and in staining with alpha-naphthyl butyrate esterase] Ohmoto E, et al. **Rinsho Ketsueki** 1984 Nov; 25(11):1796–802 (Eng. Abstr.) (Jpn)

[Study on monitoring of the plasma 6-MP level] Shimizu N, et al. **Rinsho Ketsueki** 1985 Jan;26(1):42–6 (Eng. Abstr.) (Jpn)

[Colony-forming ability of bone marrow in children with acute leukemia] Bebeshko VG, et al. **Eksp Onkol** 1985; 7(2):48–51 (Eng. Abstr.) (Rus)

[Intracellular metabolism, ultra-thin structure and surface membrane of leukemic lymphoid T-, D- and non-T, non-B cells in children with acute leukemia] Chernov VM, et al. **Gematol Transfuziol** 1985 Mar;30(3):20–4 (Eng. Abstr.) (Rus)

[Disorder of hypophyseal somatotropin function in acute leukemia in children] Gluzman AE, et al. **Gematol Transfuziol** 1984 Aug;29(8):16–9 (Eng. Abstr.) (Rus)

[Clinico-cytological aspects of acute leukemia in children] Kisliak NS, et al. **Gematol Transfuziol** 1985 Mar;30(3):3–8 (Rus)

[Electron microscope and immunocytochemical studies of blood cells of children with various subtypes of lymphoblastic leukemia] Naumenko OI, et al. **Gematol Transfuziol** 1985 Mar;30(3):32–5 (Eng. Abstr.) (Rus)

[Kinetic indicators of leukemic cell populations in various types of acute leukemia in children] Samochatova EV. **Gematol Transfuziol** 1985 Mar;30(3):8–12 (Eng. Abstr.) (Rus)

[Proliferation and maturation in agar cultures of hematopoietic stem cells of children with lymphoblastic leukemia] Tiranova SA, et al. **Gematol Transfuziol** 1985 Mar;30(3):42–6 (Eng. Abstr.) (Rus)

[The cytochemistry of granulocytes in acute leukemia] Tsvetkova TZ, et al. **Gematol Transfuziol** 1985 Apr; 30(4):29–31 (Eng. Abstr.) (Rus)

[Erythrocyte metabolism in patients with acute leukemia and a deficiency of the enzyme pyruvate kinase] Labar B, et al. **Lijec Vjesn** 1984 Nov–Dec;106(11–12):447–51 (Eng. Abstr.) (Scr)

CEREBROSPINAL FLUID

Central nervous system relapse surveillance by serial beta 2-microglobulin measurements in childhood acute lymphoblastic leukemia. Clausen N, et al. **Acta Paediatr Scand** 1984 Nov;73(6):848–54

Altered central nervous system pharmacology of methotrexate in childhood leukemia: another sign of meningeal relapse. Morse M, et al. **J Clin Oncol** 1985 Jan; 3(1):19–24

[Meningeal involvement in acute lymphoblastic leukemia and malignant lymphoma. Value of the assay of beta 2 microglobulin in the cerebrospinal fluid (letter)] Thyss A, et al. **Presse Med** 1984 Oct 6;13(35):2149 (Fre)

CLASSIFICATION

Monoclonal antibody definition of T cell acute leukemia: a Pediatric Oncology Group study. Borowitz MJ, et al. **Blood** 1985 Apr;65(4):785–8

Pattern of subtypes of acute lymphoblastic leukemia in India. Kamat DM, et al. **Leuk Res** 1985;9(7):927–34

Clinical usefulness of immunological marker analysis in adult patients with acute leukaemia. Van 't Veer MB, et al. **Neth J Med** 1985;28(3):124–7

[Morphologic subclassification of acute lymphoblastic leukemia in children] Balcárková-Sebánková H, et al. **Cesk Pediatr** 1984 Feb;39(2):72–4 (Eng. Abstr.) (Cze)

[Cytochemical subclassification of acute lymphoblastic leukemia in children] Balcárková-Sebánková H, et al. **Cesk Pediatr** 1984 Feb;39(2):75–7 (Eng. Abstr.) (Cze)

COMPLICATIONS

Acyclovir treatment of disseminated varicella in childhood malignant neoplasms. Shulman ST. **Am J Dis Child** 1985 Feb;139(2):137–40

Association of T cell acute lymphoblastic leukemia and histiocytic medullary reticulosis. Rosner F, et al. **Am J Med** 1984 Nov;77(5):910–4

Infections in children with acute lymphoblastic leukaemia. Lou J, et al. **Ann Acad Med Singapore** 1984 Jul;13(3):451–4

Testicular disease in Singapore children with acute leukemia. Tan CL, et al. **Ann Acad Med Singapore** 1984 Jul; 13(3):455–8

Diarrhoea due to Cryptosporidium in acute lymphoblastic leukemia. Lewis IJ, et al. **Arch Dis Child** 1985 Jan; 60(1):60–2

A myelodysplastic syndrome preceding acute lymphoblastic leukaemia. Berneman ZN, et al. **Br J Haematol** 1985 Jun; 60(2):353–4

Phenotypic and ultrastructural characterization of a medullary thymocyte acute lymphoblastic leukemia with cellular procoagulant activity. Chorba TL, et al. **Cancer** 1985 Feb 1;55(3):675–81

Leukaemic epididymitis in acute lymphoblastic leukaemia [letter] Falda M, et al. **Haematologica (Pavia)** 1984 Nov–Dec;69(6):764–5

T acute lymphoblastic leukemia in ataxia-telangiectasia. Report of a case characterized by monoclonal antibodies. Vitolo U, et al. **Haematologica (Pavia)** 1984 Nov–Dec; 69(6):695–700

Primary cutaneous aspergillosis in six leukemic children. Grossman ME, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):313–8

Refractory anaemia terminating in a combined lymphoproliferative and myeloproliferative disorder. Camba L, et al. **J Clin Pathol** 1985 Mar;38(3):297–300

Intrathoracic lymphadenopathy in malignant lymphoma and acute lymphoblastic leukemia. Wanachiwanawin W, et al. **J Med Assoc Thai** 1984 Dec;67(12):663–9

Long-term neuropsychologic sequelae of childhood leukemia: correlation with CT brain scan abnormalities. Brouwers P, et al. **J Pediatr** 1985 May;106(5):723–8

Lymphoblastic leukemia with osteopenia and vertebral compression fractures [letter] Leheup B, et al. **J Pediatr** 1985 May;106(5):860

Seizures in childhood lymphoblastic leukaemia patients. Ochs JJ, et al. **Lancet** 1984 Dec 22;2(8417–18):1422–4

Use of trimethoprim-sulfamethoxazole to prevent bacterial infections in children with acute lymphoblastic leukemia. Goorin AM, et al. **Pediatr Infect Dis** 1985 May–Jun; 4(3):265–9

Aspergilloma of the renal pelvis in a leukemic child. Marchand R, et al. **Pediatr Infect Dis** 1985 Jan–Feb; 4(1):103–5

Malignant inflammatory fibrous histiocytoma of bone and acute lymphoblastic leukaemia. Woodcock BE, et al. **Postgrad Med J** 1985 Jul;61(717):631–3

Breast tumour as a first manifestation of extramedullary relapse in acute lymphoblastic leukaemia. Ellegaard J, et al. **Scand J Haematol** 1984 Sep;33(3):288–94

Prevention of infectious complications in acute lymphoblastic leukemia. Hughes WT, et al. **Semin Oncol** 1985 Jun; 12(2):180–91 (118 ref.)

Emergency surgical treatment for patients with acute leukemia. Koretz MJ, et al. **Surg Gynecol Obstet** 1985 Aug; 161(2):149–51

[Major demineralization syndrome in acute lymphoblastic leukemia] Margueritte G, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):109–12 (Eng. Abstr.) (Fre)

[Diffuse cutaneous vasculitis disclosing acute lymphoblastic leukemia] Marandian MH, et al. **Pediatrie** 1985 Apr–May; 40(3):229–33 (Eng. Abstr.) (Fre)

[Leukemic transformation of Shwachman's syndrome (letter)] Gretillat F, et al. **Presse Med** 1985 Jan 12;14(1):45 (Fre)

[Dural venous sinus occlusions in hemopathies] Meininger V, et al. **Rev Neurol (Paris)** 1985;141(3):228–33 (Eng. Abstr.) (Fre)

[A case of pleuropericarditis preceding acute lymphoblastic leukemia] Zitouna M, et al. **Tunis Med** 1984 Mar–Apr; 62(2):153–5 (Eng. Abstr.) (Fre)

[Rhino-cranial mucormycosis in acute leukemia] Farack UM, et al. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):24–7 (Eng. Abstr.) (Ger)

[Transitory oligoclonal paraproteinemia with virus infection and malignant lymphatic disease] Hermes C, et al. **Dtsch Med Wochenschr** 1985 May 24;110(21):837–40 (Eng. Abstr.) (Ger)

[A 64-year-old patient with diffuse bleeding tendency and pancytopenia] Binsack T, et al. **Internist (Berlin)** 1985 Jun; 26(6):369–71 (Ger)

[Wilms tumor in childhood diagnosed during therapy of acute lymphoid leukemia] Zimonyi I, et al. **Orv Hetil** 1985 Jan 13;126(2):91–2 (Eng. Abstr.) (Hun)

[Acute abdomen caused by phlegmonous appendicitis and leukemic infiltration of the cecum in a patient with acute lymphatic leukosis in relapse: clinico-therapeutic aspects] Cervini L, et al. **Chir Ital** 1983 Aug;35(4):570–6 (Eng. Abstr.) (Ita)

[Involvement of the central nervous system at the onset of acute lymphoblastic leukemia in children. Clinical and instrumental investigation] Galletti F, et al. **Minerva Pediatr** 1984 Sep 15;36(17):825–30 (Eng. Abstr.) (Ita)

[Hypertension and polycythemia in a case of acute lymphatic leukemia] Moreno A, et al. **Minerva Pediatr** 1985 Feb 28; 37(4):175–9 (Eng. Abstr.) (Ita)

[Multiple splenic and renal abscesses in Candida albicans infection. Diagnostic contribution of computerized tomography and echotomography used before and during intervention] Guastalla PP, et al. **Radiol Med (Torino)** 1984 Sep;70(9):627–8 (Ita)

[Listeria meningitis occurring in a patient with acute lymphocytic leukemia during remission] Fujimoto M, et al. **Kansenshogaku Zasshi** 1984 Sep;58(9):943–8 (Eng. Abstr.) (Jpn)

[An autopsy case of acute lymphoblastic leukemia with disseminated phycomycosis and aspergillosis] Hosokawa T, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1326–31 (Eng. Abstr.) (Jpn)

[Acute lymphocytic leukemia, complicated with generalized cryptococcosis successfully treated by amphotericin B; a case report] Kojima T, et al. **Rinsho Ketsueki** 1985 Feb; 26(2):217–22 (Eng. Abstr.) (Jpn)

[Fusarium infection during the first remission induction therapy in a patient with acute lymphocytic leukemia] Ohnishi M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):442–7 (Eng. Abstr.) (Jpn)

[Gas producing cellulitis in a case with acute lymphoblastic leukemia] Ohsaka A, et al. **Rinsho Ketsueki** 1985 Feb; 26(2):195–200 (Eng. Abstr.) (Jpn)

[Failure of peroral trimethoprim/sulfamethoxazole as infection preventive agent in acute lymphatic leukemia] Melby K, et al. **Tidsskr Nor Laegeforen** 1984 Nov 10; 104(31):2174–5 (Eng. Abstr.) (Nor)

[Acyclovir in the treatment of viral complications in patients with leukemia] Korczowski R, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):171–3 (Eng. Abstr.) (Pol)

[Use of cytosar (cytosine arabinoside) in the control of herpetic complications in patients with acute leukemia and lymphogranulomatosis] Berliner GB, et al. **Ter Arkh** 1985; 57(5):105–7 (Eng. Abstr.) (Rus)

CONGENITAL

[Congenital leukemia with excessive tumorous infiltration of the pancreas] Parussis E. **Pathologe** 1984 May;5(3):173–6 (Ger)

DIAGNOSIS

Chloroacetate esterase positivity in acute lymphoblastic leukemia. Keifer J, et al. **Am J Clin Pathol** 1985 May; 83(5):647–9

Acute lymphoblastic leukaemia presenting with raised intracranial pressure. Russell NH, et al. **Arch Dis Child** 1985 Jun;60(6):575–7

Prognostic importance of blast cell DNA content in childhood acute lymphoblastic leukemia. Look AT, et al. **Blood** 1985 May;65(5):1079–86

Ultrastructural studies on mitochondria. Diagnosis of acute leukemia. Wu QA, et al. **Chin Med J [Engl]** 1984 Jul; 97(7):509–14

Relevance of 3A1 monoclonal antibody in the diagnosis of T-cell acute lymphoblastic leukemia. Lopez M, et al. **Diagn Immunol** 1985;3(1):11–4

Unreliability of beta-2-microglobulin in early detection of central nervous system relapse in acute lymphoblastic leukemia. Nagelkerke AF, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):659–63

Contribution of immunological markers to the diagnosis and prognosis of human leukemia. von Fliedner V. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):347–53

Prognostic value of karyotype in common acute lymphoblastic leukemia of the adult. Zaccaria A, et al. **Haematologica (Pavia)** 1984 Nov–Dec;69(6):682–6

Acute lymphocytic leukaemia presenting as spontaneous splenic rupture. McEntee GP, et al. **Ir J Med Sci** 1984 Aug;153(8):284–5

Contribution of immunophenotype to the classification and differential diagnosis of acute leukaemia. Chan LC, et al. **Lancet** 1985 Mar 2;1(8427):475–9

Immunodiagnosis of childhood ALL with monoclonal antibodies to myeloid and lymphoid associated antigens. Dinndorf PA, et al. **Leuk Res** 1985;9(4):449–61

Intracranial and otological presentation of acute lymphocytic leukemia. Nabors MW, et al. **Neurosurgery** 1985 Aug; 17(2):309–12

Prognostic value of the determination of serum lactic dehydrogenase and its isoenzymes in children with acute lymphoblastic leukaemia. Hiçsönmez G, et al. **Scand J Haematol** 1985 Mar;34(3):256–60

Hairy cell leukemia (HCL) variant: an intermediate disease between HCL and B prolymphocytic leukemia. Catovsky D, et al. **Semin Oncol** 1984 Dec;11(4):362–9

[Prolymphocytic leukemia. Report of 8 cases] Jiang YL, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):34–7, 63 (Eng. Abstr.) (Chi)

[Modern clinical and laboratory diagnosis of acute leukemias in childhood] Starý J, et al. **Cesk Pediatr** 1985 Feb; 40(2):65–71 (Eng. Abstr.) (Cze)

[Surface marker analysis of lymphoid malignancy] Takiguchi T, et al. **Rinsho Byori** 1984 Sep;32(9):946–53 (8 ref.) (Jpn)

[Clinical and immunological characteristics of prolymphocytic leukemia] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1193–6 (Eng. Abstr.) (Pol)

[Prolymphocytic leukemia] Iavorkovskiĭ LL, et al. **Gematol Transfuziol** 1985 Feb;30(2):41–7 (23 ref.) (Rus)

[Prognostic significance of cytochemical activity in blasts in acute lymphatic leukemia in adults] Maras J. **Acta Med Iugosl** 1985;39(2):147–56 (Eng. Abstr.) (Scr)

[Acute leukemia in children (diagnosis and therapy)] Tiefenbach A. **Bilt Hematol Transfuz** 1982;10(2–3):51–9 (Scr)

[Immunologic and enzymatic markers of acute infantile lymphoblastic leukemias] González M, et al. **An Esp Pediatr** 1984 Sep 15;21(3):222–8 (Eng. Abstr.) (Spa)

[Initial osteoarticular manifestations in leukosis: problems of differential diagnosis] Madero López L, et al. **An Esp Pediatr** 1984 Dec;21(9):864–6 (Spa)

DRUG THERAPY

Interaction between human lymphoblastoid interferon and chemotherapeutic agents in vitro. Takahashi I, et al. **Acta Med Okayama** 1984 Dec;38(6):501–4

Jejunal mucosa after leukemia treatment in children. Increase of crypt mitotic activity, decrease of intraepithelial lymphocytes and IgA-cells. Perkkiö M, et al. **Acta Paediatr Scand** 1984 Sep;73(5):680–4

High-dose neuroleptics for acute brain failure after intensive chemotherapy for acute leukemia. Andersson BS, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):193–7

Effective treatment of lymphomas of Burkitt's type and B-ALL in adults. Pees HW, et al. **Blut** 1985 Apr; 50(4):213-8

Acute lymphoblastic leukaemia in adults: results of a 'total-therapy' programme in 47 patients over 15 years old. Sánchez-Fayos J, et al. **Br J Haematol** 1985 Apr; 59(4):689-96

Hepatic dysfunction and jaundice following high-dose cytosine arabinoside. George CB, et al. **Cancer** 1984 Dec 1;54(11):2360-2

In vitro and in vivo chemotherapy screening of the divalent cation chelator 1,10-orthophenanthroline. Cohen PS, et al. **Cancer Chemother Pharmacol** 1985;15(1):6-10

Determinants of deoxyadenosine toxicity in hybrids between human T- and B- lymphoblasts as a model for the development of drug resistance in T-cell acute lymphoblastic leukemia. Kurtzberg J, et al. **Cancer Res** 1985 Apr;45(4):1579-86

Evolution of methotrexate resistance of human acute lymphoblastic leukemia cells in vitro. Ohnuma T, et al. **Cancer Res** 1985 Apr;45(4):1815-22

Long-term relapse-free survival in adult acute lymphoblastic leukemia. Gingrich RD, et al. **Cancer Treat Rep** 1985 Feb; 69(2):153-60

Treatment of ocular leukemia with local chemotherapy. Rootman J, et al. **Cancer Treat Rep** 1985 Jan;69(1):119-22

Phase I trial of mitoxantrone in children. Ungerleider RS, et al. **Cancer Treat Rep** 1985 Apr;69(4):403-7

Sequentially administered 5-azacitidine and amsacrine in refractory adult acute leukemia: a phase I-II trial of the Southeastern Cancer Study Group. Winton EF, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):807-11

Remission continuation therapy for adult acute lymphoblastic leukemia. Preliminary results with a multidrug treatment protocol. Rossi G, et al. **Chemioterapia** 1984 Jun; 3(3):147-51

VP 16-213 and cytosine-arabinoside combination chemotherapy for refractory acute lymphoblastic leukemia in adults. Morra E, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1471-5

Effect of 4-demethoxydaunorubicin (4-DMDR) in chronic myeloid leukemia in blastic transformation and relapsed acute leukemias. Bandini G, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):155-9

VM-26 and cytarabine combination chemotherapy in refractory or relapsed adult acute lymphoblastic leukemia. Carella AM, et al. **Haematologica (Pavia)** 1984 Nov-Dec; 69(6):747-51

Improvement in the therapy of acute lymphoblastic leukaemia in children [letter] Lombardo M, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):83

The feasibility of opal/high dose Ara-C treatment of adult acute lymphoblastic leukaemia. Barnett MJ, et al. **Hamatol Bluttransfus** 1985;29:53-5

The results of high risk acute lymphoblastic leukemia and non-Hodgkin's lymphoma total therapy. Boguslawska-Jaworska J, et al. **Hamatol Bluttransfus** 1985; 29:63-6

Treatment of leukemia with low dose Ara-C: a study of 159 cases. Castaigne S, et al. **Hamatol Bluttransfus** 1985;29:56-9

Treatment of acute lymphoblastic leukemia in childhood: a report for the ALL 77-02 group. Haas RJ, et al. **Hamatol Bluttransfus** 1985;29:75-7

Risk groups in a multicenter pilot study for treatment of acute lymphoblastic and acute undifferentiated leukemia in adults. Hoelzer D, et al. **Hamatol Bluttransfus** 1985; 29:48-50

Recent results from Total Therapy Study X for standard and high risk acute lymphoblastic leukemia in children: recognition of new clinical and biologic risk features. Murphy SB, et al. **Hamatol Bluttransfus** 1985;29:78-81

Clinical experiences with a modified BFM protocol in childhood acute lymphoblastic leukemia. Zintl F, et al. **Hamatol Bluttransfus** 1985;29:84-9

Treatment of acute lymphoblastic leukemia in adults. Barbui T, et al. **Hematol Oncol** 1985 Jan-Mar;3(1):49-53

Intermediate dose methotrexate and sequential L-asparaginase for treatment of refractory acute lymphocytic leukaemia. Shetty PA, et al. **Indian J Cancer** 1984 Mar-Apr;21(1):45-9

Evaluation of prednisolone and vincristine with and without L-asparaginase in acute lymphatic leukemia of childhood. Choudhry VP, et al. **Indian J Pediatr** 1983 Nov-Dec; 50(407):619-22

Etoposide (VP-16) with prednisone and vincristine for the treatment of refractory acute lymphoblastic leukemia. Abromowitch M, et al. **J Clin Oncol** 1985 Jun;3(6):789-92

Remission induction of meningeal leukemia with high-dose intravenous methotrexate. Balis FM, et al. **J Clin Oncol** 1985 Apr;3(4):485-9

Central nervous system morbidity following an initial isolated central nervous system relapse and its subsequent therapy in childhood acute lymphoblastic leukemia. Ochs JJ, et al. **J Clin Oncol** 1985 May;3(5):622-6

Altered von Willebrand factor molecule in children with thrombosis following asparaginase-prednisone-vincristine therapy for leukemia. Pui CH, et al. **J Clin Oncol** 1985 Sep;3(9):1266-72

Unexpectedly severe toxicity from intensive early treatment of childhood lymphoblastic leukemia. Rivera GK, et al. **J Clin Oncol** 1985 Feb;3(2):201-6

Non-suppression of cortisol secretion by long term treatment with ketoconazole in patients with acute leukaemia. Dandona P, et al. **J Clin Pathol** 1985 Jun;38(6):677-8

Hepatitis B virus markers in children with acute leukemia: the effect of chemotherapy. Locasciulli A, et al. **J Med Virol** 1985 Jan;15(1):29-33

Myelosuppression associated with co-trimoxazole as a prophylactic antibiotic in the maintenance phase of childhood acute lymphocytic leukemia. Woods WG, et al. **J Pediatr** 1984 Oct;105(4):639-44

Coagulation factors and proteinase inhibitors in the plasma of children with acute lymphoblastic leukoses. Behaviour before and during treatment according to Protocol I of the Cooperative Leukaemia Study COALL-80. Reitz M, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1165-9

Elective testicular biopsy during chemotherapy for childhood leukaemia is of no clinical value. Pui CH, et al. **Lancet** 1985 Aug 24;2(8452):410-2

Treatment of children with refractory acute lymphocytic leukemia with vincristine and diltiazem. Bessho F, et al. **Med Pediatr Oncol** 1985;13(4):199-202

In vitro effect of diazepam and prednisolone on leukemic cells from acute lymphoid leukemia cases. Sasaki R, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1287-92

T-cell acute lymphoblastic leukemia: a report of 60 patients from India. Advani SH, et al. **Oncology** 1985;42(5):282-7

Anaphylaxis to L-asparaginase during treatment for acute lymphoblastic leukemia in children—evidence of a complement-mediated mechanism. Fabry U, et al. **Pediatr Res** 1985 Apr;19(4):400-8

High-dose cytosine arabinoside in the initial treatment of acute leukemia. Barnett MJ, et al. **Semin Oncol** 1985 Jun; 12(2 Suppl 3):133-8

Sequential high-dose cytosine arabinoside and L-asparaginase in childhood leukemia in relapse. Ettinger LJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):155-9

Therapy of adult acute lymphocytic leukemia. Gottlieb AJ. **Semin Oncol** 1984 Dec;11(4 Suppl 3):15-8

High-dose cytosine arabinoside in the treatment of childhood malignancies. Lie SO, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):160-5

Cardiac effects of anthracyclines used in the treatment of childhood acute lymphoblastic leukemia: a 10-year experience. Sallan SE, et al. **Semin Oncol** 1984 Dec;11(4 Suppl 3):19-21

Modulation of cytosine arabinoside (ara-C) and high-dose ara-C in acute leukemia. Zittoun R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):139-43

Recent advances in the treatment of acute lymphoblastic leukemia in adults and future prospects. Clarkson B, et al. **Trans Am Clin Climatol Assoc** 1984;96:41-55

[Prognosis of acute lymphatic leukemia in children] Behrendt H. **Ned Tijdschr Geneeskd** 1984 Nov 10;128(45):2138-42 **(Dut)**

[Use of Ommaya reservoirs in the treatment of meningeal relapse of acute lymphoblastic leukemia] Janvier M, et al. **Nouv Rev Fr Hematol** 1984;26(5):295-8 (Eng. Abstr.) **(Fre)**

[Isolated renal aspergillosis in a leukemic boy] Lutz P, et al. **Pediatrie** 1984 Dec;39(8):669-73 (Eng. Abstr.) **(Fre)**

[Treatment of acute myeloblastic leukemia in elderly patients with low-dose cytosine arabinoside] Tilly H, et al. **Presse Med** 1985 Apr 13;14(15):827-31 (Eng. Abstr.) **(Fre)**

[Combination of AMSA-high dose cytosine arabinoside in acute leukemia] Zittoun R, et al. **Presse Med** 1985 Jun 29; 14(26):1417-20 (Eng. Abstr.) **(Fre)**

[The Munich study on the treatment of acute lymphoblastic leukemia in childhood (ALL 77-02)] Graubner UB, et al. **Klin Padiatr** 1985 May-Jun;197(3):207-14 (Eng. Abstr.) **(Ger)**

[Therapeutic experiences with high-dose ARA-C and L-ASP] Dickerhoff R, et al. **Onkologie** 1985 Feb;8(1):44-5 (Eng. Abstr.) **(Ger)**

[Active nonspecific immunotherapy with the fungus cell wall polysaccharide 'mannozym' in acute lymphatic leukemia in childhood] Zastrow J. **Padiatr Grenzgeb** 1985; 24(3):229-36 (Eng. Abstr.) **(Ger)**

[Cooperative studies in the treatment of acute lymphoblastic leukemia in children in Austria—report of 10 years' experience] Gadner H, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):140-8 (Eng. Abstr.) **(Ger)**

[Methotrexate levels in the blood and cerebrospinal fluid in children with acute lymphoid leukemia treated with medium doses of methotrexate] Borsi J, et al. **Orv Hetil** 1984 Oct 28;125(44):2667-8, 2671-3 (Eng. Abstr.) **(Hun)**

[Complete remission obtained in refractory acute lymphocytic leukemia using high-dose cytosine arabinoside combined with low-dose L-asparaginase] Inagaki C, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):379-82 (Eng. Abstr.) **(Jpn)**

[A case of acute promyelocytic leukemia complicated with severe esophageal stenosis caused by aclacinomycin A] Kataoka T, et al. **Gan To Kagaku Ryoho** 1985 Aug; 12(8):1686-9 (Eng. Abstr.) **(Jpn)**

[Therapeutic results of 43 cases of adult acute lymphocytic leukemia] Kimura I, et al. **Gan To Kagaku Ryoho** 1984 Dec; 11(12 Pt 2):2766-74 (Eng. Abstr.) **(Jpn)**

[Studies on high-dose methotrexate with citrovorum factor rescue therapy in children: analysis of bone marrow cell kinetics by flow cytometry] Tsurusawa M, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1827-32 (Eng. Abstr.) **(Jpn)**

[Evaluation of two methods of maintenance chemotherapy with methotrexate and 6-mercaptopurine for childhood acute lymphoblastic leukemia] Kawai S, et al. **Rinsho Ketsueki** 1984 Jun;25(6):819-26 (Eng. Abstr.) **(Jpn)**

[Remission induction with vincristine and prednisolone alone in adult acute lymphocytic leukemia] Saito K, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1388-93 (Eng. Abstr.) **(Jpn)**

[Combination therapy of vincristine and diltiazem in children with acute lymphocytic leukemia resistant to vincristine during bone marrow relapse] Yaoi K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1574-80 (Eng. Abstr.) **(Jpn)**

[Typhlitis in acute leukemia] Johnsen K, et al. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1818-9 (Eng. Abstr.) **(Nor)**

[Analysis of factors causing recurrences of acute leukemia after completed treatment] Kazanowska B, et al. **Pediatr Pol** 1985 Jan;60(1):21-9 (Eng. Abstr.) **(Pol)**

[Analysis of advances in the treatment of lymphoblastic leukemia] Korczowski R, et al. **Pediatr Pol** 1985 Jan; 60(1):15-9 (Eng. Abstr.) **(Pol)**

[Intensification of treatment of lymphoblastic leukemia in children] Michalewska D, et al. **Pediatr Pol** 1985 Jan; 60(1):5-13 (Eng. Abstr.) **(Pol)**

[Is acute leukemia in children a curable disease?] Ochocka M, et al. **Pediatr Pol** 1984 Sep;59(9):749-55 (Eng. Abstr.) **(Pol)**

[Pharmacokinetics of intravenous methotrexate in children with neoplasms of the hematopoietic system] Hermann T, et al. **Pol Tyg Lek** 1984 May 21;39(21):713-6 (Eng. Abstr.) **(Pol)**

[Prognosis and treatment of lymphosarcoma in the leukemic transformation stage of acute leukemia] Abdullaev RA, et al. **Gematol Transfuziol** 1985 Apr;30(4):31-6 (Eng. Abstr.) **(Rus)**

[Course of acute lymphoblastic leukemia with marked initial hyperleukocytosis at a young age] Berliner GB, et al. **Gematol Transfuziol** 1985 Apr;30(4):23-5 (Eng. Abstr.) **(Rus)**

[Results of polychemotherapy of lymphoblastic leukemia in children] Koshel' IV. **Gematol Transfuziol** 1985 Apr; 30(4):13-6 (Eng. Abstr.) **(Rus)**

[Results of treatment and prevention of neuroleukemia in children] Kurmashov VI. **Gematol Transfuziol** 1985 Apr; 30(4):19-23 (Eng. Abstr.) **(Rus)**

[Significance of prognostic factors in the evaluation of resistance to therapy of patients with lymphoblastic leukemia] Zedginidze ISh, et al. **Gematol Transfuziol** 1985 Apr;30(4):16-9 (Eng. Abstr.) **(Rus)**

[Metabolic and renal changes in lymphoproliferative syndromes of childhood] Madero López L, et al. **An Esp Pediatr** 1985 Feb;22(2):107-12 (Eng. Abstr.) **(Spa)**

[Clinical and occult testicular relapses in children with acute lymphoblastic leukemia. Treated with the D.74 and pethema 7/78 protocols] Ortega JJ, et al. **An Esp Pediatr** 1984 Sep 15;21(3):199-214 (Eng. Abstr.) **(Spa)**

[Factors influencing the prognosis of lymphoblastic leukemia in children] Vargas L, et al. **Rev Chil Pediatr** 1984 May-Jun;55(3):156-63 (Eng. Abstr.) **(Spa)**

[Acute refractory lymphoblastic leukemia in the adult. Treatment with daunorubicin, cytosine arabinoside, 6-thioguanine, vincristine and prednisone] Marín P, et al. **Sangre (Barc)** 1984;29(6):987-92 (Eng. Abstr.) **(Spa)**

[VM-26 and cytosine arabinoside in the treatment of acute refractory lymphoblastic leukemia in adults] Marín P, et al. **Sangre (Barc)** 1984;29(4-A):399-404 (Eng. Abstr.) **(Spa)**

[Treatment of acute refractory lymphoblastic leukemia in the adult with VM-26 and ARA-C (letter)] Rafecas FJ, et al. **Sangre (Barc)** 1984;29(6):1052-3 **(Spa)**

[Therapeutic results in non-T non-B acute lymphoblastic leukemia in the adult with intensive postremission chemotherapy] Sanz G, et al. **Sangre (Barc)** 1984; 29(6):1018-29 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Cranial irradiation and platelet monoamine oxidase in ALL. Minniti CP, et al. **Acta Haematol (Basel)** 1985;73(2):86-8

Avidin-biotin amplification procedures for the detection of human terminal deoxynucleotidyl transferase in cell smears. Fetterhoff TJ, et al. **Am J Clin Pathol** 1985 May; 83(5):565-70

Cytochemistry of glycosidases in acute leukemia. Invernizzi R, et al. **Basic Appl Histochem** 1985;29(2):161-3

The presence of two mitochondrial DNA topoisomerases in human acute leukemia cells. Castora FJ, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):854-66

The heterogeneity of 5'-nucleotidase activity in lymphoblasts of acute lymphoblastic leukemia, demonstrated by an improved cytochemical method. Pangalis GA, et al. **Biomed Pharmacother** 1984;38(9-10):444-8

Monoclonal antibody and enzymatic profiles of human malignant T-lymphoid cells and derived cell lines. Smith SD, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5657-60

Cytidine deaminase activity of human normal and malignant lymphoid cells. Pérignon JL, et al. **Clin Chim Acta** 1985 Apr 15;147(2):67-74

NALL-1, an acute lymphoblastic leukemia cell line with peroxidase activity. Yourno J, et al. **In Vitro** 1984 Nov; 20(11):884-8

Terminal transferase surveillance of remission bone marrows in childhood acute lymphoblastic leukemia: improved sensitivity with countercurrent centrifugal elutriation. Lauer SJ, et al. **J Clin Lab Immunol** 1985 Jan;16(1):17-22

Detection of circulating 'terminal transferase-positive' cells does not predict relapse in acute lymphoblastic leukemia. Barr RD, et al. **Leuk Res** 1984;8(6):1051-5

Disappearance of terminal deoxynucleotidyltransferase in human malignant T-lymphoblasts treated with a human alpha interferon preparation. Takano S, et al. **Microbiol Immunol** 1984;28(10):1111-5

[Enzymatic activity of lymphoid cells in malignant lymphoid proliferations in children] Demeocq F. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):755-62 (Eng. Abstr.) **(Fre)**

[Hexosaminidase activity in cell lines, serum and urine of leukemia patients in childhood] Enslein J, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):219-24 (Eng. Abstr.) **(Ger)**

[Serum lysozyme level in children with acute leukemia and malignant diseases] Dick W, et al. **Padiatr Padol** 1985; 20(1):25-32 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Childhood leukemia and parental occupation. A register-based case-control study. van Steensel-Moll HA, et al. **Am J Epidemiol** 1985 Feb;121(2):216-24

Crohn's disease and leukemia [letter] Girón JA, et al. **Dig Dis Sci** 1985 Apr;30(4):410-1

Acute transformation of chronic lymphocytic leukemia. Jacobs AD, et al. **Med Pediatr Oncol** 1984;12(5):318-21

[A case of sideroblastic anemia terminating in TdT-positive acute lymphoblastic leukemia] Akiyoshi R, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1641-5 (Eng. Abstr.) **(Jpn)**

[Post-hepatitis non-A non-B transient medullar aplasia and acute lymphoblastic leukemia] Vecilla C, et al. **An Esp Pediatr** 1985 Jan;22(1):43-7 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Acute lymphoblastic leukemia of Burkitt's type (L-3 ALL) lacking surface immunoglobulin and the 8;14 translocation. Mangan KF, et al. **Am J Clin Pathol** 1985 Jan;83(1):121-6

Clonal development from a progenitor with restricted differentiative expression in acute lymphoblastic leukemia. Ferraris AM, et al. **Am J Hematol** 1985 Sep;20(1):81-3

Familial microcephaly with normal intelligence, immunodeficiency, and risk for lymphoreticular malignancies: a new autosomal recessive disorder. Seemanová E, et al. **Am J Med Genet** 1985 Apr; 20(4):639-48

Premature chromosome condensation studies in human leukemia: 5. Prediction of early relapse. Hittelman WN, et al. **Blood** 1984 Nov;64(5):1067-73

Rearrangement of immunoglobulin heavy chain genes in T cell acute lymphoblastic leukemia. Kitchingman GR, et al. **Blood** 1985 Mar;65(3):725-9

Prolymphocytic leukemia of B cell type: rearranged immunoglobulin (Ig) genes with defective Ig production. Melo JV, et al. **Blood** 1985 Aug;66(2):391-8

Adult acute lymphoblastic leukemia phenotypes defined by monoclonal antibodies. Sobol RE, et al. **Blood** 1985 Mar; 65(3):730-5

Phenotypic heterogeneity at the DNA level in childhood leukemia with a mediastinal mass. Ha K, et al. **Cancer** 1985 Aug 1;56(3):509-13

The significance of cytogenetic findings of erythroid colonies derived from a Ph+ ALL patient: fundamental differences between Ph+ ALL and blastic phase CML. Abe R, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):49-54

Chromosomes and causation of human cancer and leukemia. LIV. Near-tetraploidy in acute leukemia. Abe R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):45-59

Translocation (4;11;17) in a case of acute lymphoblastic leukemia [letter] Bastard C, et al. **Cancer Genet Cytogenet** 1985 May;17(1):81-2

Burkitt cell acute lymphoblastic leukemia with partial expression of T-cell markers and subclonal chromosome abnormalities in a man with acquired immunodeficiency syndrome. Berman M, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):341-7

A case of acute lymphoblastic leukemia with t(10;19)(q26;q13). De Braekeleer M, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):369-72

Translocation between chromosomes 1 and 19 in acute lymphoblastic leukemia [letter] Garry MB, et al. **Cancer Genet Cytogenet** 1984 Dec;13(4):343-4

Karyotypic and clinical findings in a consecutive series of children with acute lymphocytic leukemia. Heerema NA, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):165-79

SCE frequency and lymphocyte proliferation in a Down's syndrome mosaic developing an acute lymphoblastic leukemia. Heidemann A, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):109-12

Del(3)(p13) in B-prolymphocytic leukemia--a new nonrandom chromosomal aberration possibly related to the c-ras oncogene. Juliusson G, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):191-5

Chromosome abnormalities in 16 Finnish patients with Burkitt's lymphoma or L3 acute lymphocytic leukemia. Knuutila S, et al. **Cancer Genet Cytogenet** 1984 Oct; 13(2):139-51

t(11;19)(q23;p11) in a child with acute T-cell leukemia. Knuutila S, et al. **Cancer Genet Cytogenet** 1985 Feb 1; 15(1-2):181-5

Cytogenetic findings in childhood acute lymphoblastic leukemia. Kowalczyk JR, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):47-64

Anomalies of chromosome 1 as a possible prognostic index in childhood acute lymphoblastic leukemia. Kowalczyk JR, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):303-8

Philadelphia-positive T-acute lymphoblastic leukemia. Louwagie A, et al. **Cancer Genet Cytogenet** 1985 Apr 15; 16(4):297-300

A review of the t(1;19) breakpoints in acute lymphocytic leukemia [letter] Michael PM, et al. **Cancer Genet Cytogenet** 1985 May;17(1):79-80

A case of acute lymphoblastic leukemia with severe hypodiploidy. Misawa S, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):137-43

The karyotype of the glucocorticoid-sensitive, lymphoblastic human T-cell line CCRF-CEM shows a unique deleted and inverted chromosome 9. Moore DE, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):89-94

The Philadelphia (Ph) chromosome in leukemia. II. Variant Ph translocations in acute lymphoblastic leukemia. Sandberg AA, et al. **Cancer Genet Cytogenet** 1985 Jan 1; 14(1-2):11-21

Non-neural malignancy complicating neurofibromatosis in two relatives. Wertelecki W, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):87-9

A direct bone marrow chromosome technique for acute lymphoblastic leukemia. Williams DL, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):239-57

Philadelphia chromosome-positive chronic myelogenous leukemia following apparent acute lymphoblastic leukemia. Hajjar KA. **Clin Pediatr (Phila)** 1985 Jul;24(7):402-5

Translocation t(1;19)(q21;q13) in acute lymphoblastic leukemia. Werner-Favre C, et al. **Cytogenet Cell Genet** 1984;38(3):240

11;14 translocation in childhood T-cell acute lymphoblastic leukemia. Hayashi Y, et al. **Gann** 1985 Mar;76(3):160-1

Cytogenetic factors in prognosis of the acute leukaemias. Secker-Walker LM. **Haematologia (Budap)** 1983; 16(1-4):81-91

Telomeric association of chromosomes in B-cell lymphoid leukemia. Fitzgerald PH, et al. **Hum Genet** 1984; 67(4):385-90

Production of continuous mouse plasma cell lines by transfection with human leukemia DNA. Jonak ZL, et al. **Hybridoma** 1984 Summer;3(2):107-18

Neoplastic kappa and lambda cells in a B-PLL with chromosome translocations of both light chain gene regions. Brito-Babapulle V, et al. **Int J Cancer** 1984 Dec 15;34(6):769-73

B-cell acute lymphoblastic leukemia and isochromosome 7q. Mattina T, et al. **Leuk Res** 1985;9(4):497-9

Erythrophagocytic acute lymphocytic leukemia with B-cell markers and with a 20q- chromosome abnormality. Colon-Otero G, et al. **Mayo Clin Proc** 1984 Oct; 59(10):678-82

Acute lymphoblastic leukaemia with t(4;11) follows neuroblastoma: a late effect of treatment? Secker-Walker LM, et al. **Med Pediatr Oncol** 1985;13(1):48-50

Lymphoblastic leukemia with lymphomatous features associated with abnormalities of the short arm of chromosome 9. Chilcote RR, et al. **N Engl J Med** 1985 Aug 1;313(5):286-91

Distinguishing the Philadelphia chromosome of acute lymphoblastic leukemia from its counterpart in chronic myelogenous leukemia [letter] Rodenhuis S, et al. **N Engl J Med** 1985 Jul 4;313(1):51-2

Presence of clonal chromosome abnormalities in virtually all cases of acute lymphoblastic leukemia [letter] Williams DL, et al. **N Engl J Med** 1985 Sep 5;313(10):640-1

G-banding chromosome studies of acute lymphoblastic Lewis rat leukemia (KPH-Lw-I). Sladká M, et al. **Neoplasma** 1985;32(2):161-7

Somatic rearrangement of T-cell antigen receptor gene in human T-cell malignancies. Minden MD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1224-7

A case of Burkitt lymphoma-L3ALL with t(8;14) translocation, developed 10 years after Hodgkin's disease. Mandelli F, et al. **Scand J Haematol** 1985 Feb;34(2):97-100

Coexpression of translocated and normal c-myc oncogenes in hybrids between Daudi and lymphoblastoid cells. Croce CM, et al. **Science** 1985 Mar 8;227(4691):1235-8

Gene for human insulin receptor: localization to site on chromosome 19 involved in pre-B-cell leukemia. Yang-Feng TL, et al. **Science** 1985 May 10; 228(4700):728-31

The emerging genetics of acute lymphoblastic leukemia: clinical and biologic implications. Look AT. **Semin Oncol** 1985 Jun;12(2):92-104 (90 ref.)

Comparison of directly prepared and cultured cells in karyotypic analysis of all. Heerema NA, et al. **Stain Technol** 1984 Sep;59(5):251-8

[Rearrangement of the c-myc proto-oncogene locus in a cell line of T-lymphoblastic origin] Caubet JF, et al. **C R Acad Sci [III]** 1985;300(5):171-6 (Eng. Abstr.) **(Fre)**

[Rearrangement of the proto-oncogene c-myc in fresh cells from Burkitt's leukemia (L3)] Mathieu-Mahul D, et al. **Nouv Rev Fr Hematol** 1985;27(3):157-61 (Eng. Abstr.) **(Fre)**

[DNA aneuploidy in children with acute leukemia: I. Incidence and clinical significance within the scope of the BFM studies] Hiddemann W, et al. **Klin Padiatr** 1985 May-Jun;197(3):215-20 (Eng. Abstr.) **(Ger)**

[DNA aneuploidy in children with acute leukemia: II. Correlation with the phenotype of blasts, clinical picture and course of disease] Ritter J, et al. **Klin Padiatr** 1985 May-Jun;197(3):221-4 (Eng. Abstr.) **(Ger)**

[Specific chromosome aberrations in 3 patients with Burkitt-like leukemia (Fab: L3)] Nowotny H, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):153-61 (Eng. Abstr.) **(Ger)**

[Role of cytogenetic studies in acute non-lymphoid leukemia in children] Oláh E, et al. **Orv Hetil** 1985 Jan 20; 126(3):127-35 (Eng. Abstr.) **(Hun)**

[T-cell acute lymphoblastic leukemia associated with leukemic pericarditis, presenting t (5; 12) chromosome abnormality] Inazawa J, et al. **Rinsho Ketsueki** 1985 Mar; 26(3):411-6 (Eng. Abstr.) **(Jpn)**

[Family clustering of leukemia/lymphoma. Genetic predisposition in a multi-factor genesis of cancer] Austgulen R, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28; 105(6):421-3 (Eng. Abstr.) **(Nor)**

IMMUNOLOGY

Natural killer cell activity of peripheral blood and bone marrow mononuclear cells from patients with childhood acute lymphoblastic leukemia. Sørskaar D, et al. **Acta Paediatr Scand** 1985 May;74(3):433-7

Immunological typing of acute lymphoblastic leukaemia patients in Singapore--a preliminary experience. Ng HW. **Ann Acad Med Singapore** 1984 Jul;13(3):459-62

A subpopulation of lymph node B-CLL cells expresses the common acute lymphoblastic leukemia antigen. Van den Oord JJ, et al. **Anticancer Res** 1984 Nov-Dec;4(6):379-82

Administration of varicella vaccine to children with leukemia. Brunell PA, et al. **Biken J** 1984 Sep;27(2-3):83-8

Live attenuated varicella vaccine in children with leukemia in remission. Gershon AA, et al. **Biken J** 1984 Sep; 27(2-3):77-81

Immunization of acute leukemic children with a live varicella vaccine (Oka strain). Kamiya H, et al. **Biken J** 1984 Sep; 27(2-3):99-102

Evaluation of varicella vaccine in childhood leukemia. Observation over 6 years. Oka T, et al. **Biken J** 1984 Sep; 27(2-3):103-9

Use of live varicella vaccine in children with acute leukemia and malignant lymphoma. Sato Y, et al. **Biken J** 1984 Sep; 27(2-3):111-3

Identification of three antigens in human brain associated with similar antigens on human leukaemic cells. Quackenbush EJ, et al. **Biochem J** 1985 Jan 15;225(2):291-9

Differentiation antigens in acute leukaemia. Reen DJ. **Biochem Soc Trans** 1985 Apr;13(2):420-2

Common acute lymphoblastic leukemia antigen-positive cells in normal bone marrow [letter] Hogeman PH, et al. **Blood** 1985 Jul;66(1):246-7

Nonhuman primates express human leukemia-associated antigens. Pesando JM, et al. **Blood** 1984 Nov;64(5):1074-8

Thymosin beta 4 induced phenotypic changes in Molt-4 leukemic cell line. Kokkinopoulos D, et al. **Blut** 1985 Jun; 50(6):341-8

Ex vivo elimination of neoplastic T-cells from human marrow using an anti-Mr 41,000 protein immunotoxin: potentiation by ASTA Z 7557. Uckun FM, et al. **Blut** 1985 Jan;50(1):19-23

Natural killer cell activity in childhood acute lymphoblastic leukaemia in remission. Dickinson AM, et al. **Br J Haematol** 1985 Jan;59(1):45-53

An analysis of the presence of Fc receptors on bone marrow lymphoblasts in acute lymphoblastic leukemia. A Pediatric Oncology Group study. Humphrey GB, et al. **Cancer** 1985 Oct 15;56(8):1995-2000

Childhood acute lymphoblastic leukemia with natural killer activity. Clinical and cellular features of three cases. Komiyama A, et al. **Cancer** 1984 Oct 15;54(8):1547-53

Deficient expression of class-I HLA in some cases of acute leukemia. Elkins WL, et al. **Cancer Immunol Immunother** 1984;18(2):91-100

Monoclonal antibody and enzymatic profiles of human malignant T-lymphoid cells and derived cell lines. Smith SD, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5657-60

Altered expression of cell surface membrane antigens in a common acute lymphoblastic leukemia-associated antigen-expressing neuroblastoma cell line (SJ-N-CG) with morphological differentiation. Sugimoto T, et al. **Cancer Res** 1985 Jan;45(1):358-64

Detection of the common acute lymphoblastic leukaemia antigen (CALLA) on B cells from human fetal tissues. A multiple phenotypic characterization. Delia D, et al. **Clin Exp Immunol** 1985 Feb;59(2):305-14

Coincident change of cellular function and phenotype in the course of a suppressor T cell acute lymphocytic leukaemia. Sieber G, et al. **Clin Exp Immunol** 1985 Jun;60(3):483-8

Effect of specific anti-human leukaemia immunotoxins on the colony formation by human haematopoietic progenitors and by human leukaemia cells. Tebbi CK, et al. **Clin Exp Immunol** 1985 Jun;60(3):496-500

Surface immunoglobulin light-chain expression by the 'common' all cell line REH. Koziner B, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):135-41

Enumeration of cytoplasmic mu immunoglobulin positive acute lymphoblastic leukemia cells by flow cytometry: comparison with fluorescence microscopy. Zipf TF, et al. **Cytometry** 1984 Nov;5(6):610-3

Expression of extra class I major histocompatibility antigens on T-cell acute lymphoblastic leukemia (ALL) lymphoblasts. Orgad S, et al. **Hum Immunol** 1985 Mar; 12(3):133-41

Monoclonal antibodies defining markers with apparent selectivity for particular haemopoietic cell types may also detect antigens on cells of neural crest origin. Kemshead JT, et al. **Hybridoma** 1982;1(2):109-23

Utility of monoclonal antibodies in the immunologic phenotyping of acute lymphoblastic leukemia. Yu AL, et al. **Hybridoma** 1982;1(2):91-8

Expression and modulation of common acute lymphoblastic leukaemia antigen by B prolymphocytic leukaemia cells. de Paoli P, et al. **Immunol Lett** 1985;9(5):263-6

Effect of methotrexate on the immune response in children with acute lymphatic leukaemia. O'Meara A, et al. **Immunopharmacology** 1985 Feb;9(1):33-8

Establishment of the Amsalem T-cell line from a patient with acute lymphoblastic leukemia. Expression of E-receptor-associated antigens in cells incapable of forming E-rosettes. Ben Bassat H, et al. **Int J Cancer** 1985 Jan 15;35(1):27-33

Detection of the common acute lymphoblastic leukemia antigen in the serum of leukemia patients. Carrel S, et al. **J Clin Invest** 1984 Nov;74(5):1882-5

Discordance between surface and cytoplasmic expression of the Leu-4 (T3) antigen in thymocytes and in blast cells from childhood T lymphoblastic malignancies. Link MP, et al. **J Clin Invest** 1985 Jul;76(1):248-53

Interleukin 1 (IL 1)-dependent lymphokine production by human leukemic T cell line HSB.2 subclones. Kasahara T, et al. **J Immunol** 1985 Mar;134(3):1682-9

The antibody molecule to common acute lymphocytic leukemia (cALL) antigen used the identical or closely related VH gene segment as that of MOPC-21 immunoglobulin heavy chain. Kudo A, et al. **J Immunol** 1985 Jul;135(1):642-5

Identification of several cell surface proteins of non-T, non-B acute lymphoblastic leukemia by using monoclonal antibodies. Quackenbush EJ, et al. **J Immunol** 1985 Feb; 134(2):1276-85

Characteristics of a monoclonal antibody (WT-31) that recognizes a common epitope on the human T cell receptor for antigen. Spits H, et al. **J Immunol** 1985 Sep; 135(3):1922-8

Improved detection of rare CALLA-positive cells in peripheral blood using multiparameter flow cytometry. Ryan DH, et al. **J Immunol Methods** 1984 Nov 16; 74(1):115-28

Herpes zoster following varicella vaccine in a child with acute lymphocytic leukemia. Williams DL, et al. **J Pediatr** 1985 Feb;106(2):259-61

HTLV-I antibodies in childhood leukemia [letter] Williams DL, et al. **JAMA** 1985 May 3;253(17):2496

A novel leukemia T-cell line (PF-382) with phenotypic and functional features of suppressor lymphocytes. Pegoraro L, et al. **JNCI** 1985 Aug;75(2):285-90

Natural killer activity of pediatric patients with acute lymphoblastic leukemia in remission. Inada M, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):335-45

A new set of monoclonal antibodies against acute lymphoblastic leukemia. Boucheix C, et al. **Leuk Res** 1985; 9(5):597-604

Cell markers and acute leukaemia subtypes in Chile. Cabrera ME, et al. **Leuk Res** 1985;9(6):809-12

Surface marker analysis of acute lymphocytic leukaemia in Taiwan, Republic of China. Chen PM, et al. **Leuk Res** 1985; 9(6):793-8

Immunophenotypic classification of lymphoblastic leukaemia and lymphocytic lymphoma--an experience in the south-western area of the Cape Province of South Africa. Jacobs P. **Leuk Res** 1985;9(6):755-63

Pneumococcal vaccination in children with acute lymphocytic leukemia. Feldman S, et al. **Med Pediatr Oncol** 1985;13(2):69-72

The expression of common acute lymphoblastic leukemia antigen by bile canaliculi [letter] Grogan TM, et al. **N Engl J Med** 1985 Apr 11;312(15):993-4

Inference of cellular origin and differentiation stage of B-cell malignancies using multiple immunological markers. Minato K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec; 47(8):1567-78

Acute lymphoblastic leukemia polymorphism disclosed by monoclonal antibodies. Leglise MC, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):313-8

Immunological markers in acute leukaemia. Avnstrøm S, et al. **Scand J Haematol** 1985 Jan;34(1):16-21

Expression of the platelet-common acute lymphoblastic leukaemia associated antigen on normal eosinophils. Ohto H, et al. **Scand J Haematol** 1985 Mar;34(3):281-7

Immunologic markers in childhood acute lymphocytic leukemia. Crist WM, et al. **Semin Oncol** 1985 Jun; 12(2):105-21 (180 ref.)

Lymphocytotoxic antibodies in leukemic patients treated with bone marrow transplantation. Lawler SD, et al. **Transplantation** 1985 Mar;39(3):263-5

[Monoclonal antibodies against surface antigens of lymphoblasts and blood cells or bone marrow recognize constituents of the human nephron] Perrot JY, et al. **Nephrologie** 1984;5(2):53-7 (Eng. Abstr.) **(Fre)**

[Acute nonmyeloid leukemia in adults. Study of membrane antigens and terminal transferase. Diagnostic and prognostic value] Ifrah N, et al. **Presse Med** 1985 Jan 26; 14(3):137-41 (Eng. Abstr.) **(Fre)**

[Characterization of the leukemic cell population in a patient with T-ALL at disease beginning and in recurrence: parallel changes in phenotypic and functional behavior] Sieber G, et al. **Immun Infekt** 1985 Feb;13(1):35-6 (Eng. Abstr.) **(Ger)**

[Monoclonal antibodies in the diagnosis of acute leukemia] Matolcsy A, et al. **Orv Hetil** 1985 Jun 16;126(24):1459-60, 1463-6 (Eng. Abstr.) **(Hun)**

[Behavior of lymphocyte subpopulations in acute lymphoblastic leukemia in children] Sciotto A, et al. **Minerva Pediatr** 1984 May 31;36(10):519-24 (Eng. Abstr.) **(Ita)**

[Immunologic analysis of acute lymphoblastic leukemia in adults] Kita K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1115-27 (Eng. Abstr.) **(Jpn)**

[Monoclonal antibodies (NU-N1 and NU-N2) reactive with common acute lymphoblastic leukemia antigen] Matsuo Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May; 48(3):775-83 (Eng. Abstr.) **(Jpn)**

[Tac antigen expression on non-T non-B acute lymphocytic leukemia cells] Okubo K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):794-801 (Eng. Abstr.) **(Jpn)**

[Surface marker analysis with monoclonal antibodies in childhood acute lymphocytic leukemia] Kawai S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1209-17 (Eng. Abstr.) **(Jpn)**

[Cell surface markers of childhood leukemias and lymphomas] Shibuya A, et al. **Rinsho Ketsueki** 1985 Jan; 26(1):7-14 (Eng. Abstr.) **(Jpn)**

[Antinuclear antibodies and antibodies against native DNA in patients with acute leukemia] Poborski W. **Pol Arch Med Wewn** 1984 Sep;72(3):87-90 (Eng. Abstr.) **(Pol)**

[The presence of CALLA (common acute lymphoblastic leukemia antigens) and B-cell differentiation antigens in lymphocytic lymphoma] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1197-9 (Eng. Abstr.) **(Pol)**

[The number of active rosette-forming cells in the peripheral blood of children with O-cell variant of acute lymphoid leukemia] Baidun LV, et al. **Gematol Transfuziol** 1985 Mar; 30(3):17-20 (Eng. Abstr.) **(Rus)**

[Local immunity of the upper respiratory tract in patients with acute leukemia] Martynova VA, et al. **Vopr Onkol** 1984;30(11):59-63 (Eng. Abstr.) **(Rus)**

[A specific rosette formation method in assessing the immunological status of acute leukemia patients] Moroz IA. **Vopr Onkol** 1985;31(7):76-9 (Eng. Abstr.) **(Rus)**

[Levels of immunoglobulins, heteroagglutinins and delayed hypersensitivity reactions in children with acute lymphoblastic leukemia (ALL)] Janković MB, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):777-84 (Eng. Abstr.) **(Scc)**

[Heterogeneity of surface characteristics of lymphoid cells altered by malignancy] Batinić D, et al. **Lijec Vjesn** 1985 Jul;107(7):273-7 (Eng. Abstr.) **(Scr)**

[Relation between the clinical picture and the immune phenotype in patients with acute lymphoblastic leukemia in childhood] Cáp J, et al. **Bratisl Lek Listy** 1984 Dec; 82(6):1430-7 (Eng. Abstr.) **(Slo)**

[The significance of immunofluorescence and rosette tests in the study of acute lymphoblastic leukemia in childhood] Nosková J, et al. **Cesk Pediatr** 1984 Sep;39(9):513-7 (Eng. Abstr.) **(Slo)**

[Acute lymphoblastic leukemia with an abnormal T8 phenotype] Blanco A, et al. **Sangre (Barc)** 1984;29(3):302-9 (Eng. Abstr.) **(Spa)**

[A new monoclonal antibody produced against a human leukemia which recognizes class II HLA antigens] Ruiz-Cabello F, et al. **Sangre (Barc)** 1985;30(2):190-6 (Eng. Abstr.) **(Spa)**

[Immunologic phenotypes of acute lymphoblastic leukemias and their clinico-biological correlations] San Miguel JF, et al. **Sangre (Barc)** 1984;29(5):849-60 (Eng. Abstr.) **(Spa)**

METABOLISM

Periodic acid-Schiff stain in childhood acute lymphoblastic leukemia: lack of independent prognostic value. Lanham GR, et al. **Am J Clin Pathol** 1985 Apr;83(4):494-7

Common and pre-B acute lymphoblastic leukemia cells express interleukin 2 receptors, and interleukin 2 stimulates in vitro colony formation. Touw I, et al. **Blood** 1985 Sep; 66(3):556-61

T-cell growth factor production by adult, but not childhood. Acute lymphoblastic leukaemic cells. Seshadri R, et al. **Blut** 1984 Dec;49(6):441-6

Decrease in protein C in L-asparaginase-treated patients [letter] Conard J, et al. **Br J Haematol** 1985 Apr;59(4):725-7

Small intestinal transit time affects methotrexate absorption in children with acute lymphoblastic leukemia. Pearson AD, et al. **Cancer Chemother Pharmacol** 1985;14(3):211-5

Increased incorporation of 5-fluorodeoxyuridine into DNA of human T-lymphoblastic cell lines. Tanaka M, et al. **Gann** 1984 Nov;75(11):986-92

Insulin binding on MOLT 4 cells: effect of a sulfonylurea. Cordera R, et al. **Horm Res** 1984;20(4):246-51

Study of ascorbate status in murine and human leukaemias. Bhattacharjee J, et al. **J Comp Pathol** 1985 Jan;95(1):87-91

Flow cytometric analysis of deoxyribonucleic acid (DNA) content in adult leukemia. Hirosawa S, et al. **Jpn J Med** 1984 Aug;23(3):220-7

Glucocorticoid receptors of normal and leukemic cells: role of proliferation conditions. Smets LA, et al. **Leuk Res** 1985; 9(2):199-207

[Acute hyperleukocytic lymphoblastic leukemia (greater than or equal to 100,000 leukocytes/mm3). Metabolic changes during induction treatment. Study, prevention and treatment] Leverger G, et al. **Arch Fr Pediatr** 1985 Apr; 42(4):295-9 (Eng. Abstr.) **(Fre)**

MICROBIOLOGY

Clostridium difficile isolation in leukemic children on maintenance cancer chemotherapy. A preliminary study. Chiesa C, et al. **Clin Pediatr (Phila)** 1985 May;24(5):252-5

Prevalence of oral colonization with Candida albicans and anti-C. albicans IgA in the saliva of normal children and children with acute lymphoblastic leukaemia. Gentle TA, et al. **Mycopathologia** 1984 Aug 30;87(1-2):111-4

MORTALITY

Causes of early death in adult acute leukaemia. Kotlarek-Haus S, et al. **Folia Haematol (Leipz)** 1984; 111(2):213-6

Long-term survival in adult acute lymphoblastic leukemia: follow-up of a Southeastern Cancer Study Group trial. Omura GA, et al. **J Clin Oncol** 1985 Aug;3(8):1053-8

Prognostic factors in children with acute lymphoblastic leukemia. Part II: Multivariate analysis. Children's Cancer and Leukemia Study Group. Hiyoshi Y, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):13-23

Prognostic factors in children with acute lymphoblastic leukemia. Part I: Univariate analysis. Children's Cancer and Leukemia Study Group. Hiyoshi Y, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):3-12

Factors related to early deaths (ED) in children with acute lymphoblastic leukemia (ALL) [letter] Pastore G. **Med Pediatr Oncol** 1985;13(2):105-8

Prognostic factors for relapse-free survival in childhood acute lymphoblastic leukaemia. Clausen N, et al. **Scand J Haematol** 1984 Sep;33(3):295-300

The bootstrap and identification of prognostic factors via Cox's proportional hazards regression model. Chen CH, et al. **Stat Med** 1985 Jan-Mar;4(1):39-46

[Risk factors in acute lymphoblastic leukemia and their relation to prognosis] Běluša M, et al. **Cesk Pediatr** 1984 Feb;39(2):69-71 (Eng. Abstr.) **(Cze)**

[Effect of previous prednisolone therapy on the survival of children with acute lymphoid leukemia] Révész T, et al. **Orv Hetil** 1984 Dec 23;125(52):3155-9 (Eng. Abstr.) **(Hun)**

[Long-term prognosis of childhood leukemia. An analysis of 728 cases in 1967-1977] Tsukimoto I, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1772-7 (Eng. Abstr.) **(Jpn)**

[Early deaths of children treated for lymphoblastic leukemia] Traczewska M. **Pediatr Pol** 1985 Jan;60(1):31-7 (Eng. Abstr.) **(Pol)**

OCCURRENCE

Adult acute lymphoblastic leukaemia at University Hospital, Malaysia. Bosco JJ, et al. **Hamatol Bluttransfus** 1985; 29:67-9

Acid phosphatase positive T-lymphoblastic leukaemia (T-ALL) in Pakistani children. Zafar MN, et al. **JPMA** 1985 Jan;35(1):6-9

Collaborative group study of the epidemiology of acute lymphoblastic leukaemia subtypes: background and first report. Greaves MF, et al. **Leuk Res** 1985;9(6):715-33

Variation by race in presenting clinical and biologic features of childhood acute lymphoblastic leukaemia: implications for treatment outcome. Kalwinsky DK, et al. **Leuk Res** 1985;9(6):817-23

Epidemiologic and immunologic characteristics of acute lymphoblastic leukaemia and adult T-cell leukaemia in Japan. Kita K, et al. **Leuk Res** 1985;9(6):781-7

Epidemiology and immunological phenotype of childhood ALL in Greece. Papamichail M, et al. **Leuk Res** 1985; 9(6):773-5

Observations on the epidemiology and subtypes of lymphatic malignancies in Israel. Ramot B, et al. **Leuk Res** 1985; 9(6):769-70

Childhood T-cell acute lymphoblastic leukaemia in the Campania region of Italy, 1980-1984. Russo F. **Leuk Res** 1985;9(6):771-2

Age, sex and late relapse in childhood lymphoblastic leukaemia. Woodcock BE, et al. **Scand J Haematol** 1984 Sep;33(3):323-5

Epidemiology of acute lymphoblastic leukemia. Pendergrass TW. **Semin Oncol** 1985 Jun;12(2):80-91

PATHOLOGY

Bone marrow fibroblasts in acute lymphoblastic leukemia.

Bruzzone MS, et al. **Acta Haematol (Basel)** 1985;73(2):75-9

Handmirror cells and central nervous system relapse in childhood acute lymphoblastic leukaemia. Hogeman PH, et al. **Acta Haematol (Basel)** 1984;72(3):181-9

Acute lymphoblastic leukemia following myelodysplastic syndrome. Inoshita T. **Am J Clin Pathol** 1985 Aug; 84(2):233-7

Exaggerated eosinophilia and acute lymphoid leukemia. Gaynon PS, et al. **Am J Pediatr Hematol Oncol** 1984 Fall; 6(3):334-7

Lack of association between morphology and T-cell ALL in children. Letvak L, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):327-9

Simultaneous or sequential expression of lymphoid and myeloid phenotypes in acute leukemia. Neame PB, et al. **Blood** 1985 Jan;65(1):142-8

Cytotoxicity of tamoxifen for acute lymphoblastic leukaemia in vitro. Blatt J, et al. **Br J Cancer** 1984 Dec;50(6):837-9

Testicular invasion and relapse and meningeal involvement in a rat T-cell leukaemia. Jackson H, et al. **Br J Cancer** 1984 Nov;50(5):617-24

Differentiation and cytokinetic analyses of normal and neoplastic lymphoid cells in B and T cell malignancies of childhood. Hirt A, et al. **Br J Haematol** 1984 Oct; 58(2):241-8

Hand-mirror variant of acute lymphoblastic leukemia. Evidence for early T-cell lineage in two cases by evaluation with monoclonal antibodies. Gramatzki M, et al. **Cancer** 1985 Jan 1;55(1):77-83

Six new cases of prolymphocytic leukemia with heterogeneous prognosis. Clinical and immunologic features, light microscopy, and ultrastructural findings. Lahuerta-Palacios JJ, et al. **Cancer** 1985 Jun 1; 55(11):2550-7

Bone marrow necrosis in children with malignant disease. Pui CH, et al. **Cancer** 1985 Oct 1;56(7):1522-5

The adverse effect of prolonged prednisolone pretreatment in children with acute lymphoblastic leukemia. Révész T, et al. **Cancer** 1985 Apr 15;55(8):1637-40

Chromosomal evidence of a common stem cell in acute lymphoblastic leukemia and chronic granulocytic leukemia. Harrison CJ, et al. **Cancer Genet Cytogenet** 1984 Dec; 13(4):331-6

Cytotoxic effects of folate antagonists against methotrexate-resistant human leukemic lymphoblast CCRF-CEM cell lines. Mini E, et al. **Cancer Res** 1985 Jan;45(1):325-30

Phenotypic changes induced by a novel benzophenone derivative and resultant suppression of cell proliferation in the human thymic acute lymphoblastic leukemia cell line HPB-ALL. Nakao Y, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5836-44

Increased efficiency in selective elimination of leukemia cells by a combination of a stable derivative of cyclophosphamide and a human B-cell-specific immunotoxin containing pokeweed antiviral protein. Uckun FM, et al. **Cancer Res** 1985 Jan;45(1):69-75

Cell volumes of lymphoblasts in patients with acute lymphocytic leukaemia. Davey FR, et al. **Clin Lab Haematol** 1985;7(1):17-26

T lymphoblastic transformation of refractory anaemia with excess of blasts. Pereira AM, et al. **Clin Lab Haematol** 1985; 7(1):89-95

Recognition of central nervous system leukemia by flow cytometry. Redner A, et al. **Cytometry** 1984 Nov;5(6):614-8

Effect of retinoic acid on the clonal growth of childhood myeloid and lymphoid leukemias: a pediatric oncology group study. Findley HW Jr, et al. **Exp Hematol** 1984 Nov; 12(10):768-73

Differentiation capacity of null-AL(L) cells in culture. Ganser A, et al. **Hamatol Bluttransfus** 1985;29:436-40

Dyserythropoiesis in acute lymphoblastic leukemia of childhood. Hrodek O, et al. **Hamatol Bluttransfus** 1985; 29:172-3

Prolymphocytic leukemia: histologic findings in atypical cases. Owens MR, et al. **Hematol Oncol** 1984 Jul-Sep; 2(3):249-57

Malignant thymoma associated terminally with acute lymphoblastic leukemia--an autopsy report. Sharma SC, et al. **Indian J Pathol Microbiol** 1984 Apr;27(2):139-42

Induction of IL-2 production, IL-2 receptor expression and proliferation of T3- T-PLL cells by phorbol ester. Vyth-Dreese FA, et al. **Int J Cancer** 1984 Dec 15; 34(6):831-8

CFU-gm colony formation of peripheral blood and bone marrow in adult acute leukemia at presentation, during remission, and at relapse. Jehn U, et al. **Int J Cell Cloning** 1985 Jul;3(4):199-213

Different stages of B cell differentiation in non-T acute lymphoblastic leukemia. Foa R, et al. **J Clin Invest** 1984 Nov;74(5):1756-63

Childhood testicular relapse [letter] Kim TH, et al. **J Clin Oncol** 1985 Mar;3(3):447

Morphological heterogeneity in childhood B cell acute lymphoblastic leukaemia. Al-Rubei K, et al. **J Clin Pathol** 1984 Dec;37(12):1348-52

Accessory role of autologous T lymphocytes and adherent cells for the in vitro proliferation of T-cell colony-forming cells from patients with T-cell acute lymphoblastic leukemia. Georgoulias V, et al. **Leuk Res** 1985;9(3):357-67

Establishment and characterization of a B-cell line from a patient with acute lymphoblastic leukemia. Kottaridis S, et al. **Leuk Res** 1985;9(1):113-22

Ex vivo elimination of lymphoblastic leukemia cells from human marrow by mafosfamid. Uckun FM, et al. **Leuk Res** 1985;9(1):83-95

Ascending myelopathy after chemotherapy for central nervous system acute lymphoblastic leukemia: correlation with cerebrospinal fluid myelin basic protein. Bates SE, et al. **Med Pediatr Oncol** 1985;13(1):4-8

Comparison of morphology in ALL at presentation and relapse. Lanham GR, et al. **Med Pediatr Oncol** 1985; 13(1):1-3

Testicular infiltrates in children with acute lymphoblastic leukemia: a prospective study. Ortega JJ, et al. **Med Pediatr Oncol** 1984;12(6):386-93

A morphometric classification of acute lymphoblastic leukemia in children. Seshadri R, et al. **Med Pediatr Oncol** 1985;13(4):214-20

L3 leukemia: autopsies of two cases and a review of the literature. Turnicky RP. **Milit Med** 1985 Aug;150(8):439-43

Classification of the acute leukemias. McKenna RW. **Minn Med** 1984 Sep;67(9):487-90

Analytical DNA flow cytometric analysis of deoxyadenosine toxicity in cultured human leukemic lymphoblasts. Fox RM, et al. **Mol Pharmacol** 1984 Sep;26(2):388-94

Phenotypic characterization and clinical evaluation of 15 patients with lymphoblastic lymphoma. Kita K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):89-98

Leukemic manifestations in a patient with extranodal lymphoma--lymphosarcoma cell leukemia or prolymphocytic leukemia? Shimizu K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):118-23

Cell characterization and phorbol ester-induced differentiation of a human acute lymphoblastic leukemia cell line (NT-1). Yokoyama S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):990-1000

Absence of prognostic significance of skeletal involvement in acute lymphocytic leukemia and non-Hodgkin lymphoma in children. Appell RG, et al. **Pediatr Radiol** 1985;15(4):245-8

Malignant lymphoma in childhood. Fujino R. **Tokushima J Exp Med** 1984 Dec;31(3-4):53-60

Cytokinetic studies in acute leukemia during early induction therapy. Traversi E, et al. **Tumori** 1985 Feb 28;71(1):69-74

[Biopsy of testicular infiltrates in boys with acute lymphoblastic leukemia] Habanec B, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1258-65 (Eng. Abstr.) **(Cze)**

[Acute lymphoblastic leukemia of thymic origin (Thy-ALL). Case report] Koubek K, et al. **Cesk Pediatr** 1984 Aug; 39(8):464-7 (Eng. Abstr.) **(Cze)**

[Acute leukemia and Burkitt's type malignant lymphoma. Apropos of 4 cases in adults] Desablens B, et al. **LARC Med** 1984 Aug-Sep;4(7):417-23 (Eng. Abstr.) **(Fre)**

[Acute lymphoblastic transformation of chronic myeloid leukemia] Zaiem A, et al. **Tunis Med** 1983 Jul-Aug; 61(4):283-6 **(Fre)**

[Solitary skeletal lesions as the initial manifestation of systemic hematologic diseases. A contribution to the differential pathologic diagnosis of malignant bone tumors] Kittel G, et al. **Pathologe** 1984 May;5(3):143-7 **(Ger)**

[Secondary malignant tumor in a child with acute lymphoid leukemia after 5 years of complete remission] Hunyadi K, et al. **Orv Hetil** 1984 Dec 2;125(49):3003-6 (Eng. Abstr.) **(Hun)**

[Renal enlargement and prognosis of acute lymphoblastic leukemia in children: absence of correlations] Pastore G, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):421-7 (Eng. Abstr.) **(Ita)**

[Computerized tomographic myelography in Burkitt-like lymphoma] Carini C, et al. **Radiol Med (Torino)** 1984 Sep; 70(9):637-8 **(Ita)**

[An autopsy case of disseminated candidiasis producing multiple nodular lesions in the terminal stage of acute leukemia] Yoshioka A, et al. **Kansenshogaku Zasshi** 1984 Jun;58(6):556-61 (Eng. Abstr.) **(Jpn)**

[An abnormal blastic form observed in a case of L3 ALL in a child] Nakanishi M, et al. **Rinsho Ketsueki** 1984 Sep; 25(9):1452-7 (Eng. Abstr.) **(Jpn)**

[A case of B cell ALL accompanied with a complaint of a tumor formation on the skull] Tauchi M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1442-5 (Eng. Abstr.) **(Jpn)**

[A case of acute leukemia with lympho- and myeloblastic blast cell characteristics] Tupitsyn NN, et al. **Gematol Transfuziol** 1984 Aug;29(8):49-54 **(Rus)**

[Meningeal involvement in acute leukemia of children] Zolezzi P, et al. **Rev Chil Pediatr** 1984 Nov-Dec; 55(6):388-94 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

A longitudinal study of growth in children with acute lymphoblastic leukemia. Berglund G, et al. **Acta Paediatr Scand** 1985 Jul;74(4):530-3

Nervous system assessment with evoked potential tests in pediatric bone marrow transplant patients. Kaleita TA, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):329-32

Phenotypic analysis of acute lymphoblastic leukemia (ALL) cells which are classified as non-T non-B and negative for common ALL antigen. Kita K, et al. **Blood** 1985 Jul; 66(1):47-52

CNS relapse in children with acute lymphoblastic leukaemia [letter] Habel A, et al. **Br J Haematol** 1985 Apr;59(4):737-8

Molecular and karyological analysis of methotrexate-resistant and -sensitive human leukemic CCRF-CEM cells. Mini E, et al. **Cancer Res** 1985 Jan; 45(1):317-24

T-cell regulation of erythropoiesis during acute lymphoblastic leukemia. Bacon ER, et al. **Exp Hematol** 1985 Feb;13(2):104-10

Splenic reticuloendothelial function in children with cancer. Buchanan GR, et al. **J Pediatr** 1985 Feb;106(2):239-42

Melanoma masquerading as Spitz nevus following acute lymphoblastic leukemia. Goldes J, et al. **Pediatr Dermatol** 1984 Apr;1(4):295-8

PSYCHOLOGY

Academic achievement and intelligence test performance in children with cancer at diagnosis and one year later. Moehle KA, et al. **J Dev Behav Pediatr** 1985 Apr;6(2):62-4

Psychosis as a reaction to leukemia in an adolescent. Irwin M. **South Med J** 1984 Nov;77(11):1458-60

[Adaptation of children with lymphoblastic leukemia to the basic environment after completed treatment] Franiczek W, et al. **Wiad Lek** 1985 Mar 15;38(6):412-5 (Eng. Abstr.) **(Pol)**

[The emotional state of children with lymphoblastic leukemia] Franiczek W, et al. **Wiad Lek** 1984 Apr 1; 37(7):511-5 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

Abnormal computed tomography brain scans in children with acute lymphoblastic leukemia: serial long-term follow-up. Riccardi R, et al. **J Clin Oncol** 1985 Jan;3(1):12-8

Skeletal changes in childhood acute lymphoblastic leukemia: correlation with the presence of the cALL antigen. Rajantie J, et al. **Leuk Res** 1984;8(6):1103-5

Pulmonary leukemia in a child presenting with infiltrative and nodular lesions. Corbaton J, et al. **Pediatr Radiol** 1984; 14(6):431-2

Prognostic significance of primary bone changes in children with acute lymphoblastic leukemia. Rajantie J, et al. **Pediatr Radiol** 1985;15(4):242-4

[Cerebral computed x-ray tomography in acute lymphoblastic leukemia in children] Nelson JR, et al. **Pediatrie** 1984 Oct-Dec;39(7):533-50 (Eng. Abstr.) **(Fre)**

[Bone changes in long-term remission in leukemic children] Gefferth K, et al. **Padiatr Grenzgeb** 1984;23(4):195-203 (Eng. Abstr.) **(Ger)**

[Prognostic significance of osseous lesions in acute lymphoblastic leukemia in children] Mancini AF, et al. **Pediatr Med Chir** 1983 Nov-Dec;5(6):547-9 (Eng. Abstr.) **(Ita)**

[Roentgenological diagnosis of extranodal lesions in children with hemoblastoses] Zelinskaia NI, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):65-9 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Cerebral glioma after cranial prophylaxis for acute lymphoblastic leukaemia. Judge MR, et al. **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1038-9

The results of high risk acute lymphoblastic leukemia and non-Hodgkin's lymphoma total therapy. Boguslawska-Jaworska J, et al. **Hamatol Bluttransfus** 1985; 29:63-6

Treatment of acute lymphoblastic leukemia in childhood: a report for the ALL 77-02 group. Haas RJ, et al. **Hamatol Bluttransfus** 1985;29:75-7

Risk groups in a multicenter pilot study for treatment of acute lymphoblastic and acute undifferentiated leukemia in adults. Hoelzer D, et al. **Hamatol Bluttransfus** 1985; 29:48-50

Recent results from Total Therapy Study X for standard and high risk acute lymphoblastic leukemia in children: recognition of new clinical and biologic risk features. Murphy SB, et al. **Hamatol Bluttransfus** 1985;29:78-81

The somnolence syndrome in leukemic children following reduced daily dose fractions of cranial radiation. Littman P, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):1851-3

Leydig cell function in boys following treatment for testicular relapse of acute lymphoblastic leukemia. Blatt J, et al. **J Clin Oncol** 1985 Sep;3(9):1227-31

Recurrent testicular infiltrates following radiation therapy for lymphoid malignancy. Blatt J, et al. **Med Pediatr Oncol** 1984;12(5):333-5

Leydig cell damage after testicular irradiation for lymphoblastic leukaemia. Shalet SM, et al. **Med Pediatr Oncol** 1985;13(2):65-8

Case 36-1984: subacute necrotizing leukoencephalopathy after treatment for acute lymphocyte leukemia [letter] Kaleita TA, et al. **N Engl J Med** 1985 Jan 31;312(5):317-8

Effect of growth hormone-releasing factor on growth hormone release in children with radiation-induced growth hormone deficiency. Lustig RH, et al. **Pediatrics** 1985 Aug; 76(2):274-9

[A lead block for oculo-pharyngeal shielding in whole cranial irradiation] Ikeda H. **Rinsho Hoshasen** 1984 Jul; 29(7):829-31 (Eng. Abstr.) **(Jpn)**

[Complete remission with splenic radiotherapy following the initial relapse of prolymphocytic leukemia (letter)] Molero Labarta MT, et al. **Sangre (Barc)** 1984;29(3):339 **(Spa)**

REHABILITATION

[Evaluation of physical fitness of children with lymphoblastic leukemia after completion of intensive treatment] Duczmal-Szewczuk B, et al. **Pediatr Pol** 1985 Jan;60(1):39-44 (Eng. Abstr.) **(Pol)**

[Effect of the family environment on the social adaptation of children with a long-term remission of lymphoblastic leukemia. Preliminary report] Zbrożek J, et al. **Pediatr Pol** 1985 Jan;60(1):51-5 (Eng. Abstr.) **(Pol)**

SECONDARY

[Testicular involvement in acute lymphoblastic leukoses. Consequences of radiotherapy and chemotherapy] Brauner R, et al. **Ann Pediatr (Paris)** 1985 May;32(5):427-30 (Eng. Abstr.) **(Fre)**

SURGERY

Bone marrow transplantation for acute leukemia in second or subsequent remission. Ostendorf P, et al. **Klin Wochenschr** 1984 Nov 15;62(22):1081-5

Marrow transplant experience in children with acute lymphoblastic leukemia: an analysis of factors associated with survival, relapse, and graft-versus-host disease. Sanders JE, et al. **Med Pediatr Oncol** 1985;13(4):165-72

Bone marrow transplantation for acute lymphocytic leukemia. Nesbit ME Jr, et al. **Semin Oncol** 1985 Jun;12(2):149-59

THERAPY

Self-hypnosis misinterpreted as CNS deterioration in an adolescent with leukemia and vincristine toxicity. Smith MS, et al. **Am J Clin Hypn** 1984 Apr;26(4):280-2

Autologous bone marrow transplantation for patients with acute lymphoblastic leukemia in second or subsequent remission: results of bone marrow treated with monoclonal antibodies BA-1, BA-2, and BA-3 plus complement. Ramsay N, et al. **Blood** 1985 Sep;66(3):508-13

Donor cell leukemia developing six years after marrow grafting for acute leukemia. Witherspoon RP, et al. **Blood** 1985 May;65(5):1172-4

Cataracts in childhood leukaemia. Elliott AJ, et al. **Br J Ophthalmol** 1985 Jun;69(6):459-61

Multiple cotton wool spots following bone marrow transplantation for treatment of acute lymphatic leukaemia. Gloor B, et al. **Br J Ophthalmol** 1985 May;69(5):320-5

Autologous bone marrow transplantation with marrow decontaminated by immunotoxin T 101 in the treatment of leukemia and lymphoma: first clinical observations. Gorin NC, et al. **Cancer Treat Rep** 1985 Sep;69(9):953-9

Clinical trial depleting T lymphocytes from donor marrow for matched and mismatched allogeneic bone marrow transplants. Trigg ME, et al. **Cancer Treat Rep** 1985 Apr;69(4):377-86

Acute lymphoblastic leukemia in children: current status, controversies, and future perspective. Miller LP, et al. **CRC Crit Rev Oncol Hematol** 1983;1(2):129-97 (426 ref.)

Consequences of intensive therapy of acute lymphoblastic leukemia in children in initial complete remission lasting more than five years. Cáp J, et al. **Czech Med** 1985;8(1):35-44

Bone marrow transplantation for acute leukemia. Blume KG, et al. **Hamatol Bluttransfus** 1985;29:39-41

Monoclonal antibodies and immunotoxins in bone marrow transplantation: purging marrow of ALL or GVHD cells with preservation of stem cells. Kersey JH, et al. **Hamatol Bluttransfus** 1985;29:34-8

Outcome following late marrow relapse in childhood acute lymphoblastic leukemia. Chessells J, et al. **J Clin Oncol** 1984 Oct;2(10):1088-91

The importance of an isolated central nervous system relapse in children with acute lymphoblastic leukemia. George SL, et al. **J Clin Oncol** 1985 Jun;3(6):776-81

Effects of different forms of central nervous system prophylaxis on neuropsychologic function in childhood leukemia. Rowland JH, et al. **J Clin Oncol** 1984 Dec;2(12):1327-35

Therapy of CNS leukemia with intraventricular chemotherapy and low-dose neuraxis radiotherapy. Steinherz P, et al. **J Clin Oncol** 1985 Sep;3(9):1217-26

In vitro treatment of human acute lymphocytic leukemia cells in bone marrow with a cocktail of monoclonal antibodies. Nakamura H, et al. **Jpn J Clin Oncol** 1984 Dec;14 Suppl 1:37-42

How should acute lymphoblastic leukaemia relapsing after bone-marrow transplantation be treated? Barrett AJ, et al. **Lancet** 1985 May 25;1(8439):1188-91

Relapse after bone marrow transplantation for acute leukaemia [letter] Bostrom B. **Lancet** 1985 Jul 6;2(8445):44

Height of children successfully treated for acute lymphoblastic leukemia: a report from the Late Effects Study Committee of Childrens Cancer Study Group. Robison LL, et al. **Med Pediatr Oncol** 1985;13(1):14-21

Recent advances in the biology and treatment of acute lymphoblastic leukemia in adults. Jacobs AD, et al. **N Engl J Med** 1984 Nov 8;311(19):1219-31 (175 ref.)

Ulcerative colitis after bone-marrow transplantation for acute leukemia [letter] Spiers AS. **N Engl J Med** 1984 Nov 8;311(19):1259

Acute leukaemia treatment results: Wellington Hospital 1971-73, 1981-83. Carter JM, et al. **NZ Med J** 1985 Mar 27;98(775):194-5

Acute lymphoblastic leukemia in childhood. Poplack DG. **Pediatr Clin North Am** 1985 Jun;32(3):669-97 (149 ref.)

T-cell acute lymphoblastic leukaemia in adults. Mackintosh W, et al. **S Afr Med J** 1985 Mar 23;67(12):450-2

High-dose cytarabine in consolidation chemotherapy or with bone marrow transplantation for patients with acute leukemia: preliminary results. Champlin R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):190-5

Acute lymphoblastic leukemia in adults. Clarkson B, et al. **Semin Oncol** 1985 Jun;12(2):160-79 (92 ref.)

Comparative analysis of treatment programs for childhood acute lymphoblastic leukemia. Niemeyer CM, et al. **Semin Oncol** 1985 Jun;12(2):122-30

Advances in the management of childhood leukemia. Bowman WP. **Tex Med** 1985 Mar;81(3):39-44 (21 ref.)

[Improving prognosis in childhood leukemia] Rajantie J, et al. **Duodecim** 1985;101(5):491-7 **(Fin)**

[Transplantation of marrow incubated with anti-T monoclonal antibody in the 4th remission of acute lymphoblastic leukemia from a parent with non-identical HLA] Dicato M, et al. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(2):23-5 **(Fre)**

[Blood platelet function following gamma globulin infusions in children with acute lymphatic leukemia during the remission-maintaining long-term therapy] von Kries R, et al. **Immun Infekt** 1984 Apr;12(2):119-22 (Eng. Abstr.) **(Ger)**

[The anticomplementary activity of 2 intravenous gamma globulin preparations in children with acute lymphatic leukemia] Wahn V, et al. **Immun Infekt** 1984 Apr;12(2):115-8 (Eng. Abstr.) **(Ger)**

[Childhood B-cell lymphomas and leukemias. Improvement of prognosis by a therapy developed for B-neoplasms by the BFM study group] Müller-Weihrich S, et al. **Onkologie** 1984 Aug;7(4):205-8 (Eng. Abstr.) **(Ger)**

[Fractionated homogeneous whole body irradiation prior to bone marrow transplantation] Dühmke E, et al. **Strahlentherapie** 1985 Mar;161(3):134-9 (Eng. Abstr.) **(Ger)**

[Therapy of acute lymphoblastic leukemia in children] Masera G, et al. **Recenti Prog Med** 1984 Oct;75(10):922-35 (35 ref.) (Eng. Abstr.) **(Ita)**

[Treatment of hematological malignancies with recombinant leukocyte A interferon (rIFN-alpha A)] Ohno R, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2531-6 (Eng. Abstr.) **(Jpn)**

[Prognosis of acute lymphoblastic leukemia, developing isolated testicular involvement at late relapse] Arakawa S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1232-8 (Eng. Abstr.) **(Jpn)**

[A case of acute lymphoblastic leukemia treated with syngeneic bone marrow transplantation and post-BMT maintenance chemotherapy] Yano H, et al. **Rinsho Ketsueki** 1985 Mar;26(3):455-60 (Eng. Abstr.) **(Jpn)**

[Advances in the treatment of lymphoblastic leukemia in children] Radwańska U. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):203-11 (57 ref.) **(Pol)**

[Bone marrow transplantation in lymphoblastic leukemia in children] Cyklis R. **Pediatr Pol** 1985 Jan;60(1):95-8 (40 ref.) **(Pol)**

[Computerized tomography in children with lymphoblastic leukemia (ALL) after completion of intensive polychemotherapy combined with irradiation of the brain] Gradzki J, et al. **Pediatr Pol** 1984 May;59(5):373-80 (Eng. Abstr.) **(Pol)**

[What has been done and what remains to be done with regard to the treatment of lymphoblastic leukemia in children] Radwańska U. **Pediatr Pol** 1985 Jan;60(1):1-4 **(Pol)**

[Changes in the method of treatment of lymphoblastic leukemia in children--emphasis on chemotherapy] Armata J. **Pol Tyg Lek** 1984 Oct 1-8;39(40-41):1355-8 **(Pol)**

[Gonadal infiltration in a 5-year-old boy with lymphoblastic leukemia] Krasowska I, et al. **Wiad Lek** 1984 Apr 1;37(7):547-9 (Eng. Abstr.) **(Pol)**

[Current state of the problem of treatment of acute leukemia] Kovaleva LG. **Gematol Transfuziol** 1985 Apr;30(4):3-8 **(Rus)**

[Results of the therapy of acute leukemia during 10 years (1972-1982)] Krpan-Antonin N, et al. **Bilt Hematol Transfuz** 1983;11(2-3):71-8 (Eng. Abstr.) **(Scr)**

[Acute leukemia in children (diagnosis and therapy)] Tiefenbach A. **Bilt Hematol Transfuz** 1982;10(2-3):51-9 **(Scr)**

[Treatment of acute lymphoblastic leukemia in children in Slovakia] Cáp J, et al. **Cesk Pediatr** 1984 Feb;39(2):78-81 (Eng. Abstr.) **(Slo)**

[Problems of relapse in acute lymphoblastic leukemia] Mišiková Z, et al. **Cesk Pediatr** 1984 Feb;39(2):82-5 (Eng. Abstr.) **(Slo)**

TRANSMISSION

To the question of leukaemia transmission from man to man by means of parenteral application of leukaemic blood: report of a case and survey of the literature. Bláha M. **Haematologia (Budap)** 1985;18(1):23-5

ULTRASTRUCTURE

Biphenotypic leukaemia: a case of mixed T lymphoblastic and myeloblastic leukaemia. Morgan MA, et al. **J Clin Pathol** 1985 May;38(5):575-81

Intracytoplasmic inclusions in B prolymphocytic leukaemia: ultrastructural, cytochemical, and immunological studies. Robinson DS, et al. **J Clin Pathol** 1985 Aug;38(8):897-903

Transmission electron microscopy of acute lymphoblastic leukemia: comparison of light and electron microscopy by FAB classification. Davidson MA, et al. **Milit Med** 1985 Jun;150(6):317-20

Assay conditions of glucocorticoid receptors in human leukemic cells. Lin SF, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1273-9

[A case of B-cell prolymphocytic leukemia] Iwamoto T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):448-54 (Eng. Abstr.) **(Jpn)**

VETERINARY

Lymphoid leukemia in the dog. Acute lymphoblastic leukemia and chronic lymphocytic leukemia. Leifer CE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul;15(4):723-39

[Clinico-morphological analysis of chemotherapy effectiveness in spontaneous hemoblastoses in dogs] Iliukhin AV, et al. **Vopr Onkol** 1985;31(3):88-91 (Eng. Abstr.) **(Rus)**

LEUKEMIA, LYMPHOCYTIC

Clinical aspects of adult T-cell leukemia/lymphoma. Takatsuki K, et al. **Curr Top Microbiol Immunol** 1985;115:89-97

Chronic lymphocytic leukaemia (CLL): clinical study at Kenyatta National Hospital (KNH). Oloo AJ, et al. **East Afr Med J** 1984 Nov;61(11):797-801

[Value of indirect determination of leukemic infiltration of the liver based on clinical findings and findings in the bone marrow and peripheral blood in patients with chronic leukemia] Todorović M, et al. **Lijec Vjesn** 1984 Nov-Dec;106(11-12):452-5 (Eng. Abstr.) **(Scr)**

ANALYSIS

Alpha-foetoprotein in chronic lymphocytic leukaemia. Komlos L, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):191-4

[Comparative analysis of membrane glycoproteins of normal and chronic lymphatic leukemia B lymphocytes by lectins] de Dios I, et al. **Rev Esp Fisiol** 1985 Jun;41(2):211-6 (Eng. Abstr.) **(Spa)**

BLOOD

Osmotic fragility of peripheral blood lymphocytes in some lymphoproliferative disorders. Karalias N, et al. **Acta Haematol (Basel)** 1984;72(2):138-9

Cell surface fibronectin on peripheral blood lymphocytes in normal individuals and in patients with acute and chronic lymphocytic leukemia and non Hodgkin's lymphoma. Cseh K, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):35-40

Plasminogen-dependent fibrinolytic activity in normal human lymphocytes: diminished lymphocyte plasminogen activator in chronic lymphocytic leukemia. Zucker S, et al. **Am J Hematol** 1985 Aug;19(4):373-86

Leukemia of large granular lymphocytes: association with clonal chromosomal abnormalities and autoimmune neutropenia, thrombocytopenia, and hemolytic anemia. Loughran TP Jr, et al. **Ann Intern Med** 1985 Feb;102(2):169-75

High incidence of monoclonal proteins in the serum and urine of chronic lymphocytic leukemia patients. Deegan MJ, et al. **Blood** 1984 Dec;64(6):1207-11

Interleukin 2 (IL 2) and interferon-gamma production by T lymphocytes from patients with B-chronic lymphocytic leukemia: evidence that normally released IL 2 is absorbed by the neoplastic B cell population. Foa R, et al. **Blood** 1985 Sep;66(3):614-9

Peripheral blood and bone marrow lymphocytes of B chronic lymphocytic leukaemia patients. De Paoli P, et al. **Boll Ist Sieroter Milan** 1984;63(6):534-6

Myeloid differentiation-inducing factors produced by pokeweed mitogen-treated normal G1/0 lymphocytes but not chronic lymphocytic leukemia cells. Yen A, et al. **Cancer Res** 1985 Sep;45(9):4060-6

Leukocyte membrane proteins in chronic lymphocytic leukemia, as studied by two-dimensional gel electrophoresis. Willard-Gallo KE, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2069-77

Gangliosides in human chronic lymphocytic leukaemia. Anh-Tuan N, et al. **Int J Cancer** 1985 May 15;35(5):643-6

Evidence for extensive intermolecular disulfide bonds of the proteins of non-ionic detergent high-salt-resistant skeletons of normal lymphocytes, and the altered structure in leukemia. Taş S, et al. **Int J Cancer** 1984 Sep 15;34(3):329-33

Acute transformation of chronic lymphocytic leukemia. Jacobs AD, et al. **Med Pediatr Oncol** 1984;12(5):318-21

Correlation between mean volume of lymphocytes and their nuclei and the number of lymphocytes in chronic lymphocytic leukaemia. Slubowski T, et al. **Nouv Rev Fr Hematol** 1984;26(5):325-7

Selective staining reactions of involved blood cells prior to symptoms of lymphatic leukemia in mice. Lavenda N. **Oncology** 1985;42(3):201-4

Evaluation of neutrophil alkaline phosphatase (NAP) activity: untreated myeloid leukaemia, lymphoid leukaemia and normal humans. Bendix-Hansen K, et al. **Scand J Haematol** 1985 Mar;34(3):264-9

Acid hydrolase activities in B cell chronic lymphocytic leukaemia lymphocytes: correlation of cytochemical reactions with immunological phenotype. Crockard AD, et al. **Scand J Haematol** 1985 Mar;34(3):242-50

Impaired gamma interferon production by cells from patients with lymphoproliferative disorders of mature T and NK cells. Pandolfi F, et al. **Scand J Immunol** 1985 Apr; 21(4):315-20

[T colonies in vitro cultures of normal and leukemic lymphocytes. The effect of L-asparaginase on the formation of these colonies] Astaldi G, et al. **Rev Med Interna [Med Interna]** 1984 Nov-Dec; 36(6):559-64 (Eng. Abstr.) **(Rum)**

[Effect of cyclophosphane, chlorbutin and degranol on protein biosynthesis in the lymphocytes of donors and chronic lympholeukemia patients in vitro] Morozova EO. **Eksp Onkol** 1985;7(1):52-5 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of the changes in blood lymphocyte subpopulations in chronic lympholeukemia] Petrov RV, et al. **Gematol Transfuziol** 1984 Nov; 29(11):21-8 (Eng. Abstr.) **(Rus)**

[Numerical model of lymphocyte population in animals in normal state and in lymphocytic leukemia] Feofanova TV, et al. **Izv Akad Nauk SSSR [Biol]** 1985 May-Jun;(3):412-22 (Eng. Abstr.) **(Rus)**

[Cytochemical and immunologic characteristics of lymphocytes in lymphoproliferative diseases] Soboleva TN, et al. **Lab Delo** 1984;(9):515-20 (Eng. Abstr.) **(Rus)**

[Poly(A) RNA distribution and the polysome-monosome ratio in the lymphocytes of healthy persons and chronic lympholeukemia patients] Morozova EO, et al. **Tsitologiia** 1984 Dec;26(12):1384-90 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

[Multiple bowenoid arsenic keratoses] Leyh F, et al. **Derm Beruf Umwelt** 1985;33(3):99-101 (Eng. Abstr.) **(Ger)**

CLASSIFICATION

Chronic B-cell leukemias: relation between morphological and immunological features. den Ottolander GJ, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):92-102

B-cell neoplasms of the lymphocytic, lymphoplasmacytoid, and plasma cell types: immunohistologic analysis and clinical correlation. Harris NL, et al. **Hum Pathol** 1985 Aug;16(8):829-37

COMPLICATIONS

Sweet's syndrome in chronic lymphocytic leukemia. Mineo F, et al. **Acta Biomed Ateneo Parmense** 1984;55(3-4):197-8

Concurrent multiple myeloma and chronic lymphocytic leukemia. Bassan R, et al. **Am J Clin Pathol** 1984 Nov; 82(5):624-7

Autoimmune hyperthyroidism and thrombocytopenia developing in a patient with chronic lymphocytic leukemia. Haubenstock A, et al. **Am J Hematol** 1985 Jul;19(3):281-3

Prolymphocytic leukemia treated by leukapheresis with relief of respiratory symptoms [letter] Shoaf F, et al. **Br J Haematol** 1985 Aug;60(4):766-8

Epidermolysis bullosa acquisita associated with chronic lymphatic leukaemia. Shaw M, et al. **Clin Exp Dermatol** 1985 Mar;10(2):162-8

Leukemic infiltration of the prostate causing acute urinary retention. García-González R, et al. **Eur Urol** 1984; 10(5):356-7

Gamma-immunoglobulins and adeno-splenomegaly in chronic lymphocytic leukemia (CLL). Paolino W, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):19-24

Refractory anaemia terminating in a combined lymphoproliferative and myeloproliferative disorder. Camba L, et al. **J Clin Pathol** 1985 Mar;38(3):297-300

Sjögren's syndrome associated with chronic lymphocytic leukemia. Bán A, et al. **Panminerva Med** 1984 Jul-Sep; 26(3):209-12

Bronchopulmonary candidiasis exacerbating asthma. Case report and review of the literature. Wengrower D, et al. **Respiration** 1985;47(3):209-13

Suppressor T cell chronic lymphocytic leukaemia associated with red cell hypoplasia. Shionoya S, et al. **Scand J Haematol** 1984 Sep;33(3):231-8

[A rare complication of ophthalmic zona: spreading cerebral arteritis] André C, et al. **Acta Clin Belg** 1984;39(3):159-62 (Eng. Abstr.) **(Fre)**

[Chronic lymphocytic leukemia, erythroblastopenia, thymolipoma (clinical conference)] Lebrun E, et al. **Nouv Rev Fr Hematol** 1985;27(1):29-37 (Eng. Abstr.) **(Fre)**

[Yersinia enterocolitica septicemia in chronic lymphoid leukemia with septic colonization of pre-existing adenopathies (letter)] Hubert D, et al. **Presse Med** 1984 Nov 3;13(39):2387 **(Fre)**

[Horton's disease and rhizomelic pseudopolyarthritis associated with chronic lymphoid leukemia (letter)] Larregain-Fournier D, et al. **Presse Med** 1984 Oct 13; 13(36):2210 **(Fre)**

[Porphyria cutanea tarda and chronic lymphatic leukemia] Montag H, et al. **Z Hautkr** 1984 Oct 15;59(20):1372-6 (Eng Abstr.) **(Ger)**

[Kaposi's sarcoma: on its frequent association with lymphoreticular neoplasms and diabetes mellitus] Caprio B, et al. **Minerva Med** 1985 Jun 16;76(25):1227-32 (Eng. Abstr.) **(Ita)**

[Richter's syndrome. Presentation of a rare variant with regression of chronic lymphatic leukemia and review of the literature] Foresti V, et al. **Minerva Med** 1984 Nov 30;75(45-46):2741-9 (Eng. Abstr.) **(Ita)**

[B lymphoproliferative syndrome with characteristics common to chronic lymphatic leukemia, Waldenström disease and plasmacytic leukemia] Tosato F, et al. **Minerva Med** 1984 Nov 17;75(44):2691-4 (Eng. Abstr.) **(Ita)**

[Fulminating gangrene] Pushkarev NI, et al. **Vestn Khir** 1985 Jan;134(1):131-3 **(Rus)**

CONGENITAL

Congenital acute lymphocytic leukemia in a newborn with Klinefelter syndrome. Gale GB, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):338-9

DIAGNOSIS

Reduction in the stearic to oleic acid ratio in leukaemic cells--a possible chemical marker of malignancy. Apostolov K, et al. **Blut** 1985 Jun;50(6):349-54

T cell leukemia/lymphoma in Trinidad [letter] Bartholomew C, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1824

Prognostic factors in chronic lymphocytic leukemia. Chabroňová I, et al. **Czech Med** 1984;7(4):201-9

Chronic lymphocytic leukemia presenting as an anal mass. Cresson DH, et al. **J Clin Gastroenterol** 1985 Feb;7(1):83-7

Cell markers in lymphoproliferative disease [letter] Geisler C, et al. **Lancet** 1984 Dec 15;2(8416):1394

Adult T-cell leukaemia lymphoma (ATLL) associated with human T-cell leukaemia virus (HTLV). Case report and immunological studies with the neoplastic T-cells of a Caribbean patient. Feenstra H, et al. **Neth J Med** 1985; 28(7):285-90

Distinction between T gamma lymphocytosis and other T-cell proliferations with monoclonal antibodies against T-cell and natural killer (NK) cell subsets. Van de Griend RJ, et al. **Neth J Med** 1985;28(3):96-101

High expression of lymphocyte surface immunoglobulin in chronic lymphocytic leukaemia may be a bad prognostic sign. Berntorp E, et al. **Scand J Haematol** 1985 Mar; 34(3):213-8

[Differentiation of chronic lymphoid leukemia from the leukemic phase of non-Hodgkin's lymphoma using the M-rosette formation test] Pecze K, et al. **Orv Hetil** 1985 Jul 28;126(30):1835-6 (Eng. Abstr.) **(Hun)**

[B-cell lymphocytic leukemia and multiple myeloma in a patient] Iavorkovskiĭ LI, et al. **Gematol Transfuziol** 1985 Apr;30(4):57-9 **(Rus)**

DRUG THERAPY

Phase II trial of recombinant leukocyte A interferon in patients with advanced chronic lymphocytic leukemia. Foon KA, et al. **Am J Med** 1985 Feb;78(2):216-20

Antineoplastic activity of planar rhodium(I) complexes in mice bearing Lewis lung carcinoma and P388 leukemia. Sava G, et al. **Anticancer Res** 1985 May-Jun;5(3):249-52

Dose and interval relationship for the interaction of WR-2721 and nitrogen mustard with normal and malignant cells. Valeriote F, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1561-4

Low-dose deoxycoformycin in lymphoid malignancy. Grever MR, et al. **J Clin Oncol** 1985 Sep;3(9):1196-201

The antitumour effect of doxycycline on a T-cell leukaemia in the rat. van den Bogert C, et al. **Leuk Res** 1985; 9(5):617-23

Avascular necrosis of bone following combination chemotherapy for acute lymphocytic leukemia. Felix C, et al. **Med Pediatr Oncol** 1985;13(5):269-72

[Value of the current methods of ambulatory treatment and occupational rehabilitation of patients with lymphocytic and myelocytic leukemia] Tretiak NN, et al. **Vrach Delo** 1985 Jun;(6):116-7 **(Rus)**

ENZYMOLOGY

Characterization of transglutaminases in normal and malignant human leukocytes. Berntorp E, et al. **Scand J Haematol** 1985 Jan;34(1):71-7

Methylthioadenosine phosphorylase and purine nucleoside phosphorylase in B-chronic lymphocytic leukemia. Vertongen F, et al. **Thymus** 1984;6(6):359-64

[Hexosaminidase activity in cell lines, serum and urine of leukemia patients in childhood] Enslein J, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):219-24 (Eng. Abstr.) **(Ger)**

[Enzymes of purine nucleotide catabolism in lymphocytes in normal states and in chronic lymphoid leukemia] Filanovskaia LI, et al. **Vopr Med Khim** 1985 May-Jun; 31(3):48-53 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Acute leukemia in two patients with hemophilia. Altay C, et al. **Cancer** 1985 Feb 1;55(3):510-1

Association of lymphocytic neoplasia and mesothelioma. Efremidis AP, et al. **Cancer** 1985 Mar 1;55(5):1056-9

[Evidence for the viral etiology of transplantable spontaneous lymphatic leukemia (KPH-Lw-I) in rats (Rattus norvegicus) of the Lewis strain] Křemen J, et al. **Sb Lek** 1984 Sep;86(8-9):225-30 (Eng. Abstr.) **(Cze)**

FAMILIAL & GENETIC

A rheumatoid arthritis B cell subset expresses a phenotype similar to that in chronic lymphocytic leukemia. Plater-Zyberk C, et al. **Arthritis Rheum** 1985 Sep; 28(9):971-6

Prognostic implication of trisomy 12 and non-trisomy 12 karyotypes in B cell chronic lymphocytic leukemia [letter] Han T, et al. **Blood** 1985 Aug;66(2):470-2

Prognostic information from cytogenetic analysis in chronic B-lymphocytic leukemia and leukemic immunocytoma. Juliusson G, et al. **Blood** 1985 Jan;65(1):134-41

Prognostic significance of chromosome abnormalities in chronic lymphocytic leukaemia. Pittman S, et al. **Br J Haematol** 1984 Dec;58(4):649-60

Genetic predisposition to acute lymphocytic leukemia in American blacks. A Pediatric Oncology Group study. Budowle B, et al. **Cancer** 1985 Jun 15;55(12):2880-2

Chromosomal abnormalities in chronic lymphocytic leukemia. Goh KO. **Cancer Genet Cytogenet** 1985 Mar 15; 16(2):103-7

Fluorescent bodies in lymphocytes in chronic lymphocytic leukemia. Mukherjee AB, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):227-36

A 14;19 translocation in B-cell chronic lymphocytic leukemia: a new recurring chromosome aberration. Ueshima Y, et al. **Int J Cancer** 1985 Sep 15;36(3):287-90

Cytogenetic studies in 77 patients with chronic lymphocytic leukemia: correlations with clinical, immunologic, and phenotypic data. Han T, et al. **J Clin Oncol** 1984 Oct; 2(10):1121-32

Rearrangement of the gene for the beta chain of the T-cell receptor in T-cell chronic lymphocytic leukemia and related disorders. Aisenberg AC, et al. **N Engl J Med** 1985 Aug 29;313(9):529-33

Clustering of breakpoints on chromosome 11 in human B-cell neoplasms with the t(11;14) chromosome translocation. Tsujimoto Y, et al. **Nature** 1985 May 23-29;315(6017):340-3

Common region on chromosome 14 in T-cell leukemia and lymphoma. Hecht F, et al. **Science** 1984 Dec 21; 226(4681):1445-7

Specific chromosomal markers in B- and T-cell chronic lymphocytic leukemia. Gahrton G, et al. **Tumour Biol** 1985; 6(1):1-12 (41 ref.)

[Chronic lymphoid leukemia in 3 brothers (letter)] **Orv Hetil** 1985 Mar 10;126(10):617 **(Hun)**

[Incidence of angioimmunoblastic lymphadenopathy and non-Hodgkin lymphoma in siblings] Pálóczi K, et al. **Orv Hetil** 1984 Dec 30;125(53):3231-5 (Eng. Abstr.) **(Hun)**

IMMUNOLOGY

Chronic lymphocytic leukemia B-lymphocytes forming SRBC-rosettes not due to an anti-SRBC activity of monoclonal surface immunoglobulin. Herrmann F, et al. **Am J Clin Pathol** 1985 Feb;83(2):249-53

Differentiation of chronic lymphocytic leukemia cells after in vitro treatment with Epstein-Barr virus or phorbol ester. I. Immunologic and morphologic studies. Deegan MJ, et al. **Am J Hematol** 1984;17(4):335-47

Defective complement activity in chronic lymphocytic leukemia. Heath ME, et al. **Am J Hematol** 1985 May 19(1):63-73

A subpopulation of lymph node B-CLL cells expresses the common acute lymphoblastic leukemia antigen. Van den Oord JJ, et al. **Anticancer Res** 1984 Nov-Dec;4(6):379-82

Prognostic significance of immunoglobulin phenotype in B cell chronic lymphocytic leukemia. Baldini L, et al. **Blood** 1985 Feb;65(2):340-4

Spurious E rosette formation in B cell chronic lymphocytic leukemia due to monoclonal anti-sheep RBC antibody. Mills LE, et al. **Blood** 1985 Feb;65(2):270-4

Tac-positive, HTLV-negative, T helper phenotype chronic lymphocytic leukemia cells. Pandolfi F, et al. **Blood** 1985 Jun;65(6):1531-7

T cell chronic lymphocytic leukemia with lymphocytes of unusual immunologic phenotype and function. Simpkins H, et al. **Blood** 1985 Jan;65(1):127-33

Expression of NK-lineage markers on peripheral blood lymphocytes with T-helper (Leu3+/T4+) phenotype in B cell chronic lymphocytic leukemia. Velardi A, et al. **Blood** 1985 Jan;65(1):149-55

Immunoglobulin light chains in chronic lymphocytic leukemia and related diseases. Hirsch FW, et al. **Blut** 1984 Oct;49(4):339-45

Clinical stage and immunological findings in chronic lymphocytic leukemia. Baldini L, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):50-6

Presence of circulating immune complexes in patients with chronic lymphocytic leukaemia. Correlations between clinical and immunological features. Mozzana R, et al. **Boll Ist Sieroter Milan** 1982;61(4):324-9

Lymphocytic lymphoma/B-chronic lymphocytic leukaemia--an immunohistopathological study of peripheral B lymphocyte neoplasia. Swerdlow SH, et al. **Br J Cancer** 1984 Nov;50(5):587-99

The association of chronic lymphocytic leukaemia and multiple myeloma: a study of eleven patients. Brouet JC, et al. **Br J Haematol** 1985 Jan;59(1):55-66

Discrepancy between phenotypic and functional features of natural killer T-lymphocytes in B-cell chronic lymphocytic leukaemia. Foa R, et al. **Br J Haematol** 1984 Nov;58(3):509-16

Molecular and immunologic analysis of a chronic lymphocytic leukemia case with antibodies against human T-cell leukemia virus. Clark JW, et al. **Cancer** 1985 Aug 1;56(3):495-9

Comparison of peripheral blood lymphocyte C3 receptor capping properties in patients with chronic lymphocytic leukemia and lymphoma. Hendrick AM, et al. **Cancer** 1985 Oct 1;56(7):1538-42

Immunoregulatory functions of neoplastic lymphoid cells and their humoral products. Okawa H, et al. **Cancer** 1985 Jul 15;56(2):309-17

The relationship between membrane characteristics, functional reactivity of T-lymphocytes, and the progression rate of B-cell chronic lymphocytic leukemia. Vitale B, et al. **Cancer** 1985 Sep 1;56(5):1075-81

Human anti-murine immunoglobulin responses in patients receiving monoclonal antibody therapy. Schroff RW, et al. **Cancer Res** 1985 Feb;45(2):879-85

Lysis of varicella zoster virus infected cells by lymphocytes from normal humans and immunosuppressed pediatric leukaemic patients. Bowden RA, et al. **Clin Exp Immunol** 1985 May;60(2):387-95

Phorbol ester-induced differentiation of chronic B lymphocytic leukaemia cells--regulatory impact of autologous and allogeneic accessory cells. Danersund A, et al. **Clin Exp Immunol** 1985 Mar;59(3):644-52

Depressed classical complement pathway activities in chronic lymphocytic leukaemia. Füst G, et al. **Clin Exp Immunol** 1985 Jun;60(3):489-95

Functional and phenotypic heterogeneity of electrophoretically separated leukaemic B cells from patients with chronic lymphocytic leukaemia. Platsoucas CD. **Clin Exp Immunol** 1985 Jun;60(3):474-82

Abnormalities in the expression of the leucocyte-common antigen in chronic lymphocytic leukaemia. Smith SK, et al. **Clin Exp Immunol** 1985 Jan;59(1):55-63

Enumeration of TG lymphocytes in B-chronic lymphocytic leukaemia (B-CLL) by a rapid double-rosetting technique. Cillari E, et al. **Diagn Immunol** 1984;2(4):224-7

Acquired C1-esterase inhibitor deficiency and recurrent herpes infection in a patient with chronic lymphocytic leukemia. Minh D, et al. **Diagn Immunol** 1983;1(2):68-71

Comparison of different markers on blood lymphocytes of chronic lymphocytic leukemia. Götze D, et al. **Folia Haematol (Leipz)** 1985;112(2):233-40

Rosetting index (E rosettes/mouse rosettes): a simple diagnostic and prognostic value in CLL. Berrebi A, et al. **Haematologia (Budap)** 1984;17(4):427-32

IgG subclasses on the lymphocyte surface in chronic lymphocytic leukemia (CLL). Kimby E, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):75-7

Gamma-immunoglobulins and adeno-splenomegaly in chronic lymphocytic leukemia (CLL). Paolino W, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):19-24

Cultured T cells from patients with T cell chronic lymphocytic leukemia demonstrate a normal phenotype. Gramatzki M, et al. **Immunobiology** 1985 Mar;169(2):186-97

Monoclonal antibody associated with a lymphocyte subpopulation in chronic lymphocytic leukemia. Price GB, et al. **Immunol Lett** 1985;9(1):9-14

Quantitation of immunoglobulin isotypes in chronic lymphocytic leukaemic cells compared with normal adult and neonatal lymphocytes. Johnstone AP, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):313-7

In vitro generation of NK-like activity in human PBL co-cultured with fresh T leukaemia cells. Matera L, et al. **J Clin Lab Immunol** 1984 Oct;15(2):85-90

Interleukin 2-induced proliferation of leukemic human B cells. Lantz O, et al. **J Exp Med** 1985 May 1;161(5):1225-30

In vitro maturation of B cells in chronic lymphocytic leukemia. I. Synergistic action of phorbol ester and interleukin 2 in the induction of Tac antigen expression and interleukin 2 responsiveness in leukemic B cells. Kabelitz D, et al. **J Immunol** 1985 Oct;135(4):2876-81

Circulating monoclonal IgM proteins in B cell chronic lymphocytic leukemia: their identification, characterization and relationship to membrane IgM. Qian GX, et al. **J Immunol** 1984 Dec;133(6):3396-400

Significance of lymphocytosis in adults. Chanarin I, et al. **Lancet** 1984 Oct 20;2(8408):897-9

Detection of surface membrane antigens by a rosette assay using antibody coupled red cells. Dhaliwal HS. **Leuk Res** 1985;9(6):831-2

A comparison of membrane marker phenotypes in hairy-cell leukemia and phorbol-ester induced B-cll cells using monoclonal antibodies. Herrmann F, et al. **Leuk Res** 1985; 9(5):529-36

Functional and phenotypic analysis of a T cell prolymphocytic leukemia. Woods GM, et al. **Leuk Res** 1985;9(5):587-96

A glycoprotein of molecular weight 85,000 on human cells of B-lineage: detection with a family of monoclonal antibodies. Letarte M, et al. **Mol Immunol** 1985 Feb; 22(2):113-24

Monoclonal surface membrane immunoglobulins of malignant cells in patients with malignant lymphoma and chronic lymphocytic leukemia. Sugai S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1001-11

Pleomorphic T-cell leukaemia in a Caucasian adult: clinical phenotypic and functional characteristics. Hawkey CJ, et al. **Postgrad Med J** 1985 May;61(715):457-9

Functional and multimarker analysis of T-cell chronic lymphocytic leukaemia. Baldini L, et al. **Scand J Haematol** 1985 Jan;34(1):88-96

Chronic T lymphocytic leukaemia: antigenic, morphological and functional properties of the neoplastic lymphocytes. de Paoli P, et al. **Scand J Haematol** 1984 Oct;33(4):363-7

Histocompatibility antigen frequencies in patients with chronic lymphocytic leukaemia: possible identification of a subgroup with relatively benign disease. Kilpatrick DC, et al. **Scand J Haematol** 1984 Oct;33(4):391-6

T-cell chronic lymphocytic leukaemia: anomalous cell markers, variable morphology, and marked responsiveness to pentostatin (2'-deoxycoformycin). Spiers AS, et al. **Scand J Haematol** 1985 Jan;34(1):57-67

Surface markers in chronic lymphoid leukemias of B cell type. Caligaris-Cappio F, et al. **Semin Hematol** 1985 Jan; 22(1):1-12 (83 ref.)

[Immunodiagnosis of chronic lymphatic leukemia and leukemic non-Hodgkin's lymphoma with the monoclonal antibodies BL-Ig-L/1, BL-DR/1 and BL-T2] Malberg K, et al. **Arch Geschwulstforsch** 1984;54(4):325-32 (Eng. Abstr.) **(Ger)**

[Clinical course of patients with chronic lymphoid leukemia] Balikó Z, et al. **Orv Hetil** 1984 Sep 30;125(40):2427-30 (Eng. Abstr.) **(Hun)**

[Serum beta 2 microglobulin in chronic lymphoid leukemia] Schmelczer M, et al. **Orv Hetil** 1985 Jul 21;126(29):1775-7 (Eng. Abstr.) **(Hun)**

[Chronic T-cell lymphoid leukemia with helper cell phenotype] Merson AG, et al. **Eksp Onkol** 1984;6(4):41-3 (Eng. Abstr.) **(Rus)**

[Levamisole correction of immunologic disorders in patients with lymphocytic leukemia] Kozak VP. **Vrach Delo** 1985 May;(5):74-7 (Eng. Abstr.) **(Rus)**

[Evaluation of the chronic lymphocytic leukemias] Altafulla M, et al. **Rev Med Panama** 1985 May;10(2):93-7 (Eng. Abstr.) **(Spa)**

METABOLISM

Decreased retention of vinca alkaloids in chronic lymphatic leukemia cells from refractory patients. Beksac M, et al. **Cancer Chemother Pharmacol** 1985;15(1):72-5

Significant non-S-phase DNA synthesis visualized by flow cytometry in activated and in malignant human lymphoid cells. Neckers LM, et al. **Exp Cell Res** 1985 Feb; 156(2):429-38

Amino acid control of protein degradation in normal and leukemic human lymphocytes. Seglen PO, et al. **Exp Cell Res** 1984 Nov;155(1):121-8

Cytochemistry of lymphoid cells: a review of findings in the normal and leukaemic state. Crockard AD. **Histochem J** 1984 Oct;16(10):1027-50 (87 ref.)

Expression of HTLV-specific polypeptides in various human T-cell lines. Koyanagi Y, et al. **Med Microbiol Immunol (Berl)** 1984;173(3):127-40

[Biochemical heterogeneity of lymphocytes in chronic lympholeukemia based on the analysis of the protein-synthesizing apparatus] Morozova EO, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):123-7 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

A retrovirus associated with a human leukemia, adult T-cell leukemia. Hinuma Y. **Curr Top Microbiol Immunol** 1985; 115:127-41

The epidemiology of human T-cell leukemia/lymphoma virus. Ito Y. **Curr Top Microbiol Immunol** 1985;115:99-112

Human T-cell leukemia/lymphoma viruses (HTLV): a unique family of pathogenic retroviruses. Mitsuya H, et al. **Curr Top Microbiol Immunol** 1985;115:33-51

Human T-cell leukemia/lymphoma virus: studies of host-virus interaction. Palker TJ, et al. **Curr Top Microbiol Immunol** 1985;115:247-66

Adult T-cell leukemia/lymphoma and its clinical subtypes from the viewpoints of viral etiology. Shimoyama M. **Curr Top Microbiol Immunol** 1985;115:113-25

Some perspectives on the molecular mechanism of in vitro transformation and in vivo leukemogenesis by HTLV. Wong-Staal F. **Curr Top Microbiol Immunol** 1985; 115:211-20

Molecular biology of human T-cell leukemia virus associated with adult T-cell leukemia. Yoshida M, et al. **Curr Top Microbiol Immunol** 1985;115:157-75

T-helper phenotype chronic lymphocytic leukaemia and 'adult T-cell leukaemia' in Italy. Endemic HTLV-I-related T-cell leukaemias in southern Europe. Pandolfi F, et al. **Lancet** 1985 Sep 21;2(8456):633-6

MORTALITY

Prognostic value of B-cell mitogen-induced and spontaneous thymidine uptake in vitro in chronic B-lymphocytic leukaemia cells. Juliusson G, et al. **Br J Haematol** 1985 Jul;60(3):429-36

Multivariate analysis of prognostic factors in chronic lymphocytic leukemia. Prokocimer M, et al. **Isr J Med Sci** 1985 Jun;21(6):490-8

Prognosis of chronic lymphocytic leukemia: analysis of one hundred cases. Molica S, et al. **Tumori** 1984 Oct 31; 70(5):399-402

OCCURRENCE

Neoplasms of the immune system in rheumatoid arthritis. Symmons DP. **Am J Med** 1985 Jan 21;78(1A):22-8

Human T-cell leukemia/lymphoma viruses: clinical and epidemiologic features. Blattner WA, et al. **Curr Top Microbiol Immunol** 1985;115:67-88

Epidemiology of adult T-cell leukemia/lymphoma in Japan. Tajima K, et al. **Curr Top Microbiol Immunol** 1985; 115:53-66

Incidence of adult T-cell leukemia-lymphoma and its familial clustering. Kondo T, et al. **Int J Cancer** 1985 Jun 15; 35(6):749-51

PATHOLOGY

Predominant T cells in pleural effusion of a patient with B-cell CLL. Ben-Chetrit E, et al. **Acta Haematol (Basel)** 1985;73(2):101-3

Prolonged survival in Richter syndrome with subsequent reemergence of CLL: a case report including serial cell-surface phenotypic analysis. Baumann MA, et al. **Am J Hematol** 1985 Sep;20(1):67-72

Endobronchial lymphocytic infiltration. Unusual manifestation of chronic lymphocytic leukemia. Chernoff A, et al. **Am J Med** 1984 Oct;77(4):755-9

Large granular lymphocyte leukemia in F344 rats. Model for human T gamma lymphoma, malignant histiocytosis, and T-cell chronic lymphocytic leukemia. Stromberg PC. **Am J Pathol** 1985 Jun;119(3):517-9

Occult abdominal involvement with apparently isolated testicular relapse in children with acute lymphocytic leukemia. Baum E, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):343-6

Associated chronic lymphocytic leukemia and multiple myeloma: origin from a single clone. Fermand JP, et al. **Blood** 1985 Aug;66(2):291-3

Hypoplastic anemia in B cell chronic lymphocytic leukemia: evolution of T cell-mediated suppression of erythropoiesis in early-stage and late-stage disease. Mangan KF, et al. **Blood** 1985 Sep;66(3):533-41

Interleukin 2 stimulates chronic lymphocytic leukemia colony formation in vitro. Touw I, et al. **Blood** 1985 Jul; 66(1):237-40

In-vitro induction of some features of hairy cell leukemia in chronic lymphocytic leukemia and immunocytoma cells. Ziegler-Heitbrock HW, et al. **Blut** 1985 Jan;50(1):29-31

Regulation of human peripheral blood BFU-E growth in vitro by leukaemic B-lymphocytes. Najman A, et al. **Br J Haematol** 1985 Aug;60(4):643-50

A distinctive cutaneous malignant neoplasm expressing the Langerhans cell phenotype. Synchronous occurrence with B-chronic lymphocytic leukemia. Bonetti F, et al. **Cancer** 1985 May 15;55(10):2417-25

Immunohistochemical demonstration of follicular dendritic cells in bone marrow involvement of B-cell chronic lymphocytic leukemia. Chilosi M, et al. **Cancer** 1985 Jul 15;56(2):328-32

Serum deoxythymidine kinase gives prognostic information in chronic lymphocytic leukemia. Källander CF, et al. **Cancer** 1984 Dec 1;54(11):2450-5

A case of T-cell chronic lymphocytic leukemia with an unusual phenotype and central nervous system involvement. Oshimi K, et al. **Cancer** 1985 May 1; 55(9):1937-42

Transformation of chronic lymphocytic leukemia to plasmacytoma. Pines A, et al. **Cancer** 1984 Nov 1; 54(9):1904-7

Leukemic meningitis in B-cell chronic lymphocytic leukemia. Steinberg JP, et al. **Cancer Treat Rep** 1985 Jun; 69(6):687-8

Maturation of chronic lymphocytic leukemia B cells: correlation between the capacity of responding to T-cell factors in vitro and the stage of maturation reached in vivo. Rubartelli A, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):296-303

Bone marrow patterns in chronic lymphocytic leukaemia related to various clinical and haematological findings. A preliminary report. Gingold N, et al. **Haematologia (Budap)** 1985;18(2):115-25

Bone marrow biopsy in chronic lymphocytic leukaemia: a study of 208 cases. Montserrat E, et al. **Haematologia (Budap)** 1983;16(1-4):73-9

Gastrointestinal Richter's syndrome. Brousse N, et al. **Hum Pathol** 1985 Aug;16(8):854-7

Diagnostic value of surgical testicular biopsy after therapy for acute lymphocytic leukemia. Hudson MM, et al. **J Pediatr** 1985 Jul;107(1):50-3

Behavior of transplanted large granular lymphocyte leukemia in Fischer 344 rats. Stromberg PC, et al. **Lab Invest** 1985 Aug;53(2):200-8

Cytochemical analysis of acid hydrolases expression during phorbol diester (TPA)-driven differentiation of B-chronic lymphocytic leukaemia cells in vitro. Dufer J, et al. **Leuk Res** 1984;8(5):813-20

Chronic lymphocytic leukaemia presenting as a blast cell crisis. Miller AL, et al. **Leuk Res** 1984;8(5):905-12

Phorbol ester-induced loss of colchicine ultrasensitivity in chronic lymphocytic leukaemia lymphocytes. O'Connor TW. **Leuk Res** 1985;9(7):885-95

Plasmacytoid blast crisis in B-cell chronic lymphocytic leukemia: effect of estradiol on growth and differentiation in vitro. Paietta E, et al. **Leuk Res** 1985;9(1):19-29

[Meningeal involvement in a case of B lymphocyte chronic lymphatic leukemia] Carotenuto M, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):701-6 (Eng. Abstr.) **(Ita)**

[Clinico-morphocytochemical parallels in different courses of chronic lympholeukemia] Budarin AM. **Gematol Transfuziol** 1984 Nov;29(11):28-31 (Eng. Abstr.) **(Rus)**

[Tumor progression in chronic lympholeukemia] Faĭnshteĭn FE, et al. **Ter Arkh** 1984;56(10):80-3 (Eng. Abstr.) **(Rus)**

[Combined chronic lympholeukemia and myeloma disease] Gordon IB, et al. **Vrach Delo** 1984 Aug;(8):58-9 **(Rus)**

[Possibilities of the prognostic evaluation of lymph node biopsies in chronic lymphocytic leukemia of B origin] Plank L. **Bratisl Lek Listy** 1984 Oct;82(4):1180-9 (Eng. Abstr.) **(Slo)**

[Chronic lymphatic leukemia and evaluation of its prognostic signs] Hrubiško M, et al. **Vnitr Lek** 1984 Jul;30(7):625-32 (Eng. Abstr.) **(Slo)**

[Immunologic phenotype of chronic T lymphatic leukemia (letter)] San Miguel JF, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):606 **(Spa)**

[Chronic lymphocytic leukemia of T-cells with a suppressor phenotype (T3+, T4-, T8+). Report of 2 cases] Calabuig MT, et al. **Sangre (Barc)** 1984;29(4-A):449-56 (Eng. Abstr.) **(Spa)**

[Abnormal phenotype of a chronic lymphatic leukemia: presence of T and B markers defined by monoclonal antibodies] Gómez Morales M, et al. **Sangre (Barc)** 1985; 30(3):348-54 (Eng. Abstr.) **(Spa)**

[Medullary biopsy in chronic lymphatic leukemia and its clinico-hematologic correlates] Rozman C, et al. **Sangre (Barc)** 1984;29(6):1008-17 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Production of burst-promoting activity by monoclonal antibody defined malignant T lymphocytes from patients with lymphocytic leukemia and lymphoma. Froom P, et al. **Blood** 1985 Apr;65(4):997-1001

PREVENTION & CONTROL

The sensitivity to methylnitrosourea-induced T-cell leukemogenesis in mice is modified by the injection of hydrocortisone. Seidel HJ, et al. **Leuk Res** 1985;9(5):625-9

RADIOTHERAPY

Spleen irradiation in chronic lymphocytic leukemia (CLL): palliation in patients unfit for splenectomy. Aabo K, et al. **Am J Hematol** 1985 Jun;19(2):177-80

The possible role of radiotherapy in chronic lymphocytic leukaemia: a critical review. Paule B, et al. **Radiother Oncol** 1985 Aug;4(1):45-54 (79 ref.)

THERAPY

Chronic lymphocytic leukemia. Recent advances in biology and treatment. Gale RP, et al. **Ann Intern Med** 1985 Jul; 103(1):101-20 (313 ref.)

Effects of monoclonal antibody therapy in patients with chronic lymphocytic leukemia. Foon KA, et al. **Blood** 1984 Nov;64(5):1085-93

Comparison of maintenance treatment regimens for first central nervous system relapse in children with acute lymphocytic leukemia. A Pediatric Oncology Group study. Land VJ, et al. **Cancer** 1985 Jul 1;56(1):81-7

Induction of in vitro and in vivo antigenic modulation by the anti-human T-cell monoclonal antibody T101. Shawler DL, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5921-7

Recombinant leukocyte A interferon in B-cell chronic lymphocytic leukemia: in vivo effects on autologous antitumor immunity. Schulof RS, et al. **J Biol Response Mod** 1985 Jun;4(3):310-23

Treatment of chronic lymphocytic leukaemia with monoclonal anti-idiotypic antibody. Capel PJ, et al. **Neth J Med** 1985;28(3):112-8

Current issues in the management of children with acute lymphocytic leukaemia. Pinkel D. **Postgrad Med J** 1985 Feb;61(712):93-102

[Acute myeloid leukemia secondary to chronic lymphoid leukemia (letter)] Ifrah N, et al. **Presse Med** 1984 Nov 3; 13(39):2390 **(Fre)**

[Recovery from chronic granulocytic leukemia in its blastic stage after bone marrow transplantation, without previous radiation therapy] Kelemen E, et al. **Orv Hetil** 1984 Nov 4;125(45):2725-8 (Eng. Abstr.) **(Hun)**

[Computerized tomography in the evaluation of neurologic complications of preventive therapy of acute lymphatic leukemia] Bozzao L, et al. **Riv Neurol** 1985 Mar-Apr; 55(2):132-8 (Eng. Abstr.) **(Ita)**

[Clinical responses of human fibroblast interferon (IFN-beta) on chronic lymphocytic leukemia--with special reference to in vitro antitumor activity of IFN-beta] Ezaki K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20; 19(10):2305-11 (Eng. Abstr.) **(Jpn)**

[Autologous bone marrow transplantation in a patient with lymphoma type adult T cell leukemia] Asou N, et al. **Rinsho Ketsueki** 1985 Feb;26(2):229-33 (Eng. Abstr.) **(Jpn)**

[Sedimentation leukapheresis in the treatment of resistant forms of lymphocytic leukemia] Gola A, et al. **Pol Tyg Lek** 1985 May 20;40(20):561-3 (Eng. Abstr.) **(Pol)**

ULTRASTRUCTURE

Ultrastructural morphometric cell evaluation in chronic lymphocytic leukaemias. Slubowski T, et al. **Folia Haematol (Leipz)** 1985;112(1):141-9

Anchorage and lymphocyte function: pattern of spreading distinguishes T- and B-cell chronic lymphocytic leukaemia. Sundqvist KG, et al. **Immunology** 1984 Dec; 53(4):635-42

Granule formation in large granular lymphocytes (LGL). Ultrastructural and cytochemical studies on cells from patients with abnormally expanded lgl populations. Grossi CE, et al. **J Submicrosc Cytol** 1984 Oct;16(4):759-71

VETERINARY

Lymphoid leukemia in the dog. Acute lymphoblastic leukemia and chronic lymphocytic leukemia. Leifer CE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):723-39

Partial characterization of bovine leukemic cell populations. Mikalauskiene G, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):275-83

[Isolation and properties of membrane-bound DNA of the chromatin peripheral layer in the blood of healthy cattle and cattle with chronic lympholeukemia] Prusov AN, et al. **Biokhimiia** 1984 Jul;49(7):1203-11 (Eng. Abstr.) **(Rus)**

LEUKEMIA, LYMPHOCYTIC, ACUTE see **LEUKEMIA, LYMPHOBLASTIC**

LEUKEMIA, LYMPHOCYTIC, CHRONIC see **LEUKEMIA, LYMPHOCYTIC**

LEUKEMIA, MEGAKARYOCYTIC see **HEMORRHAGIC THROMBOCYTHEMIA**

LEUKEMIA, MONOBLASTIC

BLOOD

Clonal origin of cells restricted to monocytic differentiation in acute nonlymphocytic leukemia. Ferraris AM, et al. **Blood** 1984 Oct;64(4):817-20

Factors and inhibitors of blood coagulation and fibrinolysis in acute nonlymphoblastic leukaemia. Bratt G, et al. **Scand J Haematol** 1985 Apr;34(4):332-9

[The cytochemistry of granulocytes in acute leukemia] Tsvetkova TZ, et al. **Gematol Transfuziol** 1985 Apr; 30(4):29-31 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

[Hyperglycorrhachia in acute monoblastic leukemia with meningeal localization (letter)] Lefrere JJ, et al. **Presse Med** 1984 Dec 8;13(44):2705 **(Fre)**

CHEMICALLY INDUCED

Acute leukemia following testicular carcinoma [letter] Kerbrat P, et al. **J Clin Oncol** 1985 Sep;3(9):1287

COMPLICATIONS

A case of acute myelomonocytic leukemia terminating in malignant histiocytosis. Shimazaki C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1337-43

[A case of tumor-forming acute monocytic leukemia with complication of obstructed ileus due to ileal monoblastoma] Fukushima Y, et al. **Rinsho Ketsueki** 1984 Jun;25(6):875-81 (Eng. Abstr.) **(Jpn)**

[A case of myelomonocytic leukemia accompanied by pulmonary thromboembolism with mucormyces successfully treated by pulmonary lobectomy] Taneichi K, et al. **Rinsho Ketsueki** 1985 Jan;26(1):96-100 **(Jpn)**

DRUG THERAPY

5-Azacytidine: acute central nervous system toxicity. Weisman SJ, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):86-8

Acute monoblastic leukemia in infancy and early childhood: successful treatment with an epipodophyllotoxin. Odom LF, et al. **Blood** 1984 Oct;64(4):875-82

Brachial plexus neuropathy following high-dose cytarabine in acute monoblastic leukemia. Scherokman B, et al. **Cancer Treat Rep** 1985 Sep;69(9):1005-6

Cell differentiation and therapeutic effect of low doses of cytosine arabinoside in human myeloid leukemia. Michalewicz R, et al. **Leuk Res** 1984;8(5):783-90

Evaluation of cyclocytidine in reinduction and maintenance therapy of children with acute nonlymphocytic leukemia previously treated with cytosine arabinoside: a report from Children's Cancer Study Group. Movassaghi N, et al. **Med Pediatr Oncol** 1984;12(5):352-6

[Small doses of Ara-C in the treatment of acute myeloid leukaemia] Lin XH, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):360-1, 383 (Eng. Abstr.) **(Chi)**

[Prognosis and treatment of lymphosarcoma in the leukemic transformation stage of acute leukemia] Abdullaev RA, et al. **Gematol Transfuziol** 1985 Apr;30(4):31-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Cytochemical and immunological characteristics of acute monocytic leukaemia. Milligan DW, et al. **Br J Haematol** 1984 Nov;58(3):391-7

Thymidine kinase isoenzymes in human acute monocytic leukemia. Munch-Petersen B, et al. **Mol Cell Biochem** 1985 Mar;66(2):185-91

FAMILIAL & GENETIC

t(9;11)(p21;q22) Translocation in acute monoblastic leukemia M5A-FAB. Mecucci C, et al. **Acta Haematol (Basel)** 1984; 72(3):201-4

Translocation 2;11 and other significant chromosome changes in acute monoblastic leukemia (M5) with clonal evolution: sequential clinical and cytogenetic studies. DeLozier-Blanchet CD, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):95-102

Translocation (11;17) (q24;q21) as a variant of translocation (9;11)(p22;q24) in acute monoblastic leukemia. Ferro MT, et al. **Cancer Genet Cytogenet** 1985 May;17(1):83-5

Translocation X;10 in a case of congenital acute monocytic leukemia. Weis J, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):357-64

Insertion (10;11)(p11;q23q24) in two cases of acute monocytic leukemia. Le Beau MM, et al. **Leuk Res** 1985;9(5):605-11

Acquired chromosome rearrangements, including fine interstitial deletions, in a patient with Down syndrome and monoblastic leukemia. Misawa S, et al. **Pediatrics** 1984 Dec; 74(6):1029-33

[46, XX, dir ins (2;11)(q11;q13q23) in an infant with acute monoblastic leukemia] Kojima S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1260-5 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Killer cell activity of human monoblastic leukemia cells as detected with a monocyte-specific target cell. Ziegler-Heitbrock HW, et al. **Blood** 1985 Jan;65(1):8-14

Dissociation among Ia antigen expression, accessory cell function, and antigen processing in two acute monoblastic leukemia lines. Giller RH, et al. **J Clin Immunol** 1984 Nov; 4(6):429-38

Antibodies to primate retrovirus antigens in circulating immune complexes of patients with acute myeloid leukemia. Anh-Tuan N, et al. **Leuk Res** 1984;8(5):863-71

Defective mechanisms of immunophagocytosis by leukemic monocytes in childhood acute monocytic leukemia demonstrated by electron microscopy. Tsukada M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):958-65

PATHOLOGY

Acute myelomonocytic leukaemia with abnormal eosinophils and inversion of chromosome 16. Woessner S, et al. **Blut** 1985 Jan;50(1):45-50

Distinct activities of interferon-gamma, lymphokine and cytokine differentiation-inducing factors acting on the human monoblastic leukemia cell line U937. Harris PE, et al. **Cancer Res** 1985 Jan;45(1):9-13

Combinations of interferon-gamma and retinoic acid or 1 alpha, 25-dihydroxycholecalciferol induce differentiation of the human monoblast leukemia cell line U-937. Gullberg U, et al. **Exp Hematol** 1985 Aug;13(7):675-9

Drug association including ara-C in myeloid leukemia cell differentiation: in vitro studies. Chomienne C, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):60-4

[A report of five cases of multiple cancer with hematologic malignancies] Sugiura K, et al. **Gan No Rinsho** 1985 Jul; 31(8):963-8 (Eng. Abstr.) **(Jpn)**

[Iris involvement and leukemic hypopyon in adult acute monocytic leukemia. A case report] Murate T, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1273-7 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

Leukemia cutis treated with total skin irradiation. Rubin CM, et al. **Cancer** 1985 Jun 1;55(11):2649-52

THERAPY

A randomized trial of chemoimmunotherapy of acute nonlymphocytic leukemia in adults using a protein-bound polysaccharide preparation. Ohno R, et al. **Cancer Immunol Immunother** 1984;18(3):149-54

The in vivo distribution of indium-111 labeled in vitro alloactivated syngeneic lymphocytes in a patient with relapsed acute myelomonocytic leukemia: implications for adoptive chemoimmunotherapy. Sondel PM, et al. **Leuk Res** 1984;8(5):893-903

ULTRASTRUCTURE

[Ultrastructure of blast cells in patients with myeloblastic, monoblastic and myelomonoblastic leukemia] Golovin AV, et al. **Ter Arkh** 1985;57(5):101-4 (Eng. Abstr.) **(Rus)**

LEUKEMIA, MONOCYTIC

CHEMICALLY INDUCED

[Induction of monocytic-myelocytic mixed cell leukemias after the application of the neuroleptic haloperidol in mice] Fey F, et al. **Folia Haematol (Leipz)** 1984;111(2):162-8 **(Ger)**

COMPLICATIONS

Serous effusions in monocytic leukaemias. Mufti GJ, et al. **Br J Haematol** 1984 Nov;58(3):547-52

CONGENITAL

[Complex chromosome translocation in a case of congenital monocytic leukemia] Simi P, et al. **Pathologica** 1983;75 Suppl:313-5 **(Ita)**

FAMILIAL & GENETIC

Long arm deletion of chromosome 5 in a case of chronic myelomonocytic leukemia. Sato Y, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):269-75

Metallothionein gene cluster is split by chromosome 16 rearrangements in myelomonocytic leukaemia. Le Beau MM, et al. **Nature** 1985 Feb 21-27;313(6004):709-11

IMMUNOLOGY

Monoclonal antibody to a 43 000 Mr surface protein of a human leukaemia cell line ([illegible]P-1) crossreacts with the fibroblast intermediate filament protein vimentin. Herrmann H, et al. **J Cell Sci** 1985 Feb;73:87-103

Isolation and initial characterization of tumoricidal monokine(s) from the human monocytic leukemia cell line THP-1. Armstrong CA, et al. **JNCI** 1985 Jan;74(1):1-9

Monoclonal anti-T-cell antibodies react with circulating myeloid leukemia cells and normal tissue macrophages. Pilkington GR, et al. **Pathology** 1984 Oct;16(4):447-54

METABOLISM

Cells of a human monocytic leukemia cell line (THP-1) synthesize and secrete apolipoprotein E and lipoprotein lipase. Tajima S, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):526-31

PATHOLOGY

Monocytic leukemia in infancy. A review of eight children. Darbyshire PJ, et al. **Cancer** 1985 Oct 1;56(7):1584-9

Specific alterations in the pattern of histone-3 synthesis during conversion of human leukemic cells to terminally differentiated cells in culture. Pantazis P, et al. **Differentiation** 1984;28(2):186-90

Establishment and characterization of a human monocytoid leukemia cell line, CTV-1. Chen P, et al. **Gann** 1984 Aug;75(8):660-4

Induction of functional differentiation of a human monocytic leukemia cell line (THP-1) by retinoic acid and cholera toxin. Hemmi H, et al. **Gann** 1985 May;76(5):345-51

[Monocyte-macrophage cultures in vitro: theoretical and practical value for leukemia research] Jaworkowsky L, et al. **Folia Haematol (Leipz)** 1984;111(2):169-74 **(Ger)**

SECRETION

Biological response modifiers released by a mezerein-treated human monocytic leukemia cell line, THP-1. Gaffney EV, et al. **J Biol Response Mod** 1985 Aug;4(4):396-407

VETERINARY

Monocytic leukemia in a greater bushbaby (Galago crassicaudatus argentatus). Holscher MA, et al. **Lab Anim Sci** 1984 Dec;34(6):619-20

LEUKEMIA, MONOCYTIC, ACUTE see **LEUKEMIA, MONOBLASTIC**

LEUKEMIA, MONOCYTIC, CHRONIC see **LEUKEMIA, MONOCYTIC**

LEUKEMIA, MYELOBLASTIC

Acute promyelocytic leukaemia, natural history. Gupta OK, et al. **J Assoc Physicians India** 1984 Aug;32(8):709-11

[Mediastinal choriocarcinoma in acute myeloblastic leukemia (letter)] Bove V, et al. **Presse Med** 1985 Apr 27;14(17):979 **(Fre)**

[Acute promyelocytic leukemia. Review of the literature] Virgolini L. **Minerva Med** 1984 Jul 31;75(30-31):1797-802 (55 ref.) (Eng. Abstr.) **(Ita)**

ANALYSIS

Simultaneous detection of membrane markers with monoclonal antibodies and peroxidatic activities in leukaemia: ultrastructural analysis using a new method of fixation preserving the platelet peroxidase. Breton-Gorius J, et al. **Br J Haematol** 1984 Nov;58(3):447-58

High calcium content of pleiotropic drug-resistant P388 and K562 leukemia and Chinese hamster ovary cells. Tsuruo T, et al. **Cancer Res** 1984 Nov;44(11):5095-9

Plasminogen activator activity in differentiating leukemia cells. Kidron M, et al. **FEBS Lett** 1984 Nov 5;177(1):66-70

BLOOD

Protein kinases in human leukemic cells. Phan-Dinh-Tuy F, et al. **Am J Hematol** 1985 Jul;19(3):209-18

The effect of 5-azacytidine and its analogues on blast cell renewal in acute myeloblastic leukemia. Motoji T, et al. **Blood** 1985 Apr;65(4):894-901

5-Aza-2'-deoxycytidine induces terminal differentiation of leukemic blasts from patients with acute myeloid leukemias. Pinto A, et al. **Blood** 1984 Oct;64(4):922-9

Cytochemistry of acute promyelocytic leukemia (M3): leukemic promyelocytes exhibit heterogeneous patterns in cellular differentiation. Tomonaga M, et al. **Blood** 1985 Aug;66(2):350-7

Heat production rate in polymorphonuclear granulocytes from patients with acute myelogenous leukaemia and healthy individuals. Fäldt R, et al. **Br J Haematol** 1984 Dec;58(4):671-8

Evidence of fibrinogen breakdown by leukocyte enzymes in a patient with acute promyelocytic leukemia. Sterrenberg L, et al. **Haemostasis** 1985;15(2):126-33

Platelet function in leukaemias. Tiwari NN, et al. **J Assoc Physicians India** 1984 Sep;32(9):805-7

Isolation of a sodium transport inhibitory factor, inhibitin, from cultured leukemic promyelocytes. Morgan K, et al. **J Clin Invest** 1984 Oct;74(4):1132-42

The platelet defect in acute myeloid leukaemia. Woodcock BE, et al. **J Clin Pathol** 1984 Dec;37(12):1339-42

Primary thrombocythemia and acute leukemia [letter] Boros L, et al. **JAMA** 1985 Mar 22-29;253(12):1721-2

The effect of the leukemic cell line HL60 and acute myeloblastic leukemic cells before and after induction of differentiation on normal pluripotent hematopoietic progenitors (CFU-GEMM). Michalevicz R, et al. **Leuk Res** 1985;9(4):441-8

Lactoferrin in plasma measured by an ELISA technique: evidence that plasma lactoferrin is an indicator of neutrophil turnover and bone marrow activity in acute leukaemia. Birgens HS. **Scand J Haematol** 1985 Apr;34(4):326-31

Factors and inhibitors of blood coagulation and fibrinolysis in acute nonlymphoblastic leukaemia. Bratt G, et al. **Scand J Haematol** 1985 Apr;34(4):332-9

In vivo studies on high-dose 1-beta-D-arabinofuranosylcytosine (HDara-C) and 1-beta-D-arabinofuranosyluracil (ara-U) with respect to pharmacokinetics, cell kinetics, and cytotoxicity in a rat myelocytic leukemia model (BNML). Colly LP, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):49-54

Changes in plasma levels of protease and fibrinolytic inhibitors induced by treatment in acute myeloid leukemia. Velasco F, et al. **Thromb Haemost** 1984 Aug 31;52(1):81-4

[Concentration and pharmacokinetics of daunorubicin in leukemic cells in vivo (letter)] Trillet V, et al. **Presse Med** 1985 May 18;14(20):1153 **(Fre)**

[Studies on monocytes in acute leukemia. Changes in absolute counts and in staining with alpha-naphthyl butyrate esterase] Ohmoto E, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1796-802 (Eng. Abstr.) **(Jpn)**

[Expression of Fc- and C3-receptors on membranes of blast cells in myeloblastic leukemia and blast crisis of myelocytic leukemia] Tishchenko LM, et al. **Eksp Onkol** 1985;7(2):51-4 (Eng. Abstr.) **(Rus)**

[Disorder of hypophyseal somatotropin function in acute leukemia in children] Gluzman AE, et al. **Gematol Transfuziol** 1984 Aug;29(8):16-9 (Eng. Abstr.) **(Rus)**

[Clinico-cytological aspects of acute leukemia in children] Kisliak NS, et al. **Gematol Transfuziol** 1985 Mar;30(3):3-8 **(Rus)**

[Leukemic cell phenotype in acute myeloid leukemia in children (during recurrences and after ineffective treatment)] Lenskaia RV, et al. **Gematol Transfuziol** 1985 Mar;30(3):12-7 (Eng. Abstr.) **(Rus)**

[Kinetic indicators of leukemic cell populations in various types of acute leukemia in children] Samochatova EV. **Gematol Transfuziol** 1985 Mar;30(3):8-12 (Eng. Abstr.) **(Rus)**

[Colony-forming capacity of bone marrow cells in children with myeloblastic leukemia] Sorokin EM, et al. **Gematol Transfuziol** 1985 Mar;30(3):38-42 (Eng. Abstr.) **(Rus)**

[The cytochemistry of granulocytes in acute leukemia] Tsvetkova TZ, et al. **Gematol Transfuziol** 1985 Apr;30(4):29-31 (Eng. Abstr.) **(Rus)**

[Suppression of normal myelopoiesis in children with acute leukemia] Vladimirskaia EB, et al. **Gematol Transfuziol** 1985 Mar;30(3):35-8 (Eng. Abstr.) **(Rus)**

[Erythrocyte metabolism in patients with acute leukemia and a deficiency of the enzyme pyruvate kinase] Labar B, et al. **Lijec Vjesn** 1984 Nov-Dec;106(11-12):447-51 (Eng. Abstr.) **(Scr)**

[Plasma fibronectin in acute myeloid leukemia] García Frade LJ, et al. **Sangre (Barc)** 1984;29(4-A):376-83 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

CSF in CNS leukaemia [letter] Day TJ, et al. **Med J Aust** 1985 Aug 5;143(3):129-30

CHEMICALLY INDUCED

Therapy-related acute myeloid leukemia and myelodysplastic syndrome: a clinical and morphologic study of 65 cases. Michels SD, et al. **Blood** 1985 Jun;65(6):1364-72

Acute myeloid leukaemia after treatment with razoxane. Caffrey EA, et al. **Br J Dermatol** 1985 Aug;113(2):131-4

Risk of leukemia associated with chemotherapy [letter] Griffiths WA. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):555

Differentiation of human myeloid leukemic cells by phorbol esters: correlation with tumor promotion. Fibach E, et al. **Int J Cancer** 1984 Oct 15;34(4):451-7

Acute leukemia secondary to lung cancer. Case report and review of the literature. de Gramont A, et al. **Oncology** 1985;42(2):107-11

[Acute myeloid leukemia secondary to chronic lymphoid leukemia (letter)] Ifrah N, et al. **Presse Med** 1984 Nov 3;13(39):2390 **(Fre)**

[Acute leukemia secondary to the treatment of multiple sclerosis with chlorambucil] Aymard JP, et al. **Rev Neurol (Paris)** 1985;141(2):152-4 (Eng. Abstr.) **(Fre)**

[Leukemia in tumor patients receiving chemotherapy] Fopp M, et al. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1439-41 **(Ger)**

CLASSIFICATION

Proposed revised criteria for the classification of acute myeloid leukemia. A report of the French-American-British Cooperative Group. Bennett JM, et al. **Ann Intern Med** 1985 Oct;103(4):620-5

The revised French-American-British classification of acute myeloid leukemia: is new better? [editorial] Bloomfield CD, et al. **Ann Intern Med** 1985 Oct;103(4):614-6

Clinical usefulness of immunological marker analysis in adult patients with acute leukaemia. Van 't Veer MB, et al. **Neth J Med** 1985;28(3):124-7

COMPLICATIONS

A case of agnogenic myeloid metaplasia evolving into acute myelogenous leukemia associated with the development of trisomy 11 in bone marrow cells. Dang CV, et al. **Am J Hematol** 1985 Jul;19(3):285-8

Septic arthritis due to Histoplasma capsulatum in a leukaemic patient. Jones PG, et al. **Ann Rheum Dis** 1985 Feb;44(2):128-9

Leukemic ascites complicating acute myelomonoblastic leukemia. Simel DL, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):365-7

Hypofibrinogenemia due to increased fibrinolysis in two patients with acute promyelocytic leukemia. Chan TK, et al. **Aust NZ J Med** 1984 Jun;14(3):245-9

CNS involvement in acute myelomonoblastic leukemia [letter] Stavem P, et al. **Br J Haematol** 1984 Oct;58(2):383-4

Hypoglycaemia in acute myelomonoblastic leukaemia: report of two cases and review of published work. Al Hilali MM, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1443-4

Acute myeloblastic leukemia and sarcoidosis. Implications for pathogenesis. Reich JM. **Cancer** 1985 Jan 15;55(2):366-9

Fever and jaundice in a 27-year-old woman with acute myelomonocytic leukemia [clinical conference] Heelan RT, et al. **Cancer Invest** 1985;3(3):261-70

Invasive pulmonary aspergillosis complicating pulmonary infarction in a patient with acute myeloblastic leukaemia. Daly HM, et al. **Clin Lab Haematol** 1984;6(3):299-303

Systemic infection with Trichosporon capitatum in two patients with acute leukaemia. Baird DR, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):62-4

Early occurrence of acute non lymphocytic leukaemia in B-cell non-Hodgkin's lymphoma. Fanin R, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):721-9

Acute myeloid leukemia in a hemophilic--a serendipitous coexistence. Shome DK, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):611-3

Sweet's syndrome: a presenting sign of acute myelogenous leukemia. Nagler A, et al. **Isr J Med Sci** 1985 Jan;21(1):64-6

Primary cutaneous aspergillosis in six leukemic children. Grossman ME, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):313-8

Obstructive uropathy--an unusual presentation of acute leukemia. Sharma SC, et al. **J Assoc Physicians India** 1984 Jun;32(6):525-6

A variation from classic oral manifestations associated with acute myeloblastic leukemia. A case report. Gordon MR, et al. **J Periodontol** 1985 May;56(5):285-7

Leukaemia in chronic uraemia (a case report). Baldwa VS, et al. **J Postgrad Med** 1984 Jul;30(3):193-5

Leukaemia and the Prader-Willi syndrome [letter] Hall BD. **Lancet** 1985 Jan 5;1(8419):46

Allergic skin reactions to piperacillin in patients with acute leukaemia [letter] Mead GM, et al. **Lancet** 1985 Aug 31;2(8453):499

Acute median nerve compression by haemorrhage from acute myelomonocytic leukaemia. Kilpatrick T, et al. **Med J Aust** 1985 Jan 7;142(1):51-2

Systemic pseudallescheriasis in a patient with acute myelocytic leukemia. Smith AG, et al. **Mycopathologia** 1985 May;90(2):85-9

A case of acute myelomonocytic leukemia terminating in malignant histiocytosis. Shimazaki C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1337-43

Oral complications of acute leukemia: prophylactic impact of a chlorhexidine mouth rinse regimen. McGaw WT, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):275-80

Disseminated Trichosporon beigelii in an immunocompromised child. Apaliski SJ, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):451-4

Myxoedema in a case of acute myeloid leukaemia. Grützmeier S. **Scand J Haematol** 1985 Apr;34(4):323-5

Emergency surgical treatment for patients with acute leukemia. Koretz MJ, et al. **Surg Gynecol Obstet** 1985 Aug; 161(2):149-51

[Malignant histiocytosis associated with acute myeloblastic leukemia] Gariépy G. **Union Med Can** 1984 Jun;113(6):476 **(Fre)**

[Renal tubular acidosis associated with acute myeloid leukemia, diagnosed in a case of hypokalemic paralysis] Sonkodi S, et al. **Orv Hetil** 1985 Mar 3;126(9):531-3 (Eng. Abstr.) **(Hun)**

[Automation of colorimetry using chromogenic substrates, with special reference to blood coagulation disorders in acute myelocytic leukemia] Hashizume K, et al. **Rinsho Byori** 1985 Feb;Spec No 61:114-8 **(Jpn)**

[Candidiasis of the liver in two patients with acute promyelocytic leukemia during initial remission induction] Miura I, et al. **Rinsho Ketsueki** 1985 Feb;26(2):234-40 (Eng. Abstr.) **(Jpn)**

[A case of childhood leukemia associated with transient pancytopenia and diabetes insipidus during the clinical course] Sasaki H, et al. **Rinsho Ketsueki** 1984 Aug; 25(8):1320-5 (Eng. Abstr.) **(Jpn)**

[Use of cytosar (cytosine arabinoside) in the control of herpetic complications in patients with acute leukemia and lymphogranulomatosis] Berliner GB, et al. **Ter Arkh** 1985; 57(5):105-7 (Eng. Abstr.) **(Rus)**

[Cure of otologic mucormycosis in a patient with acute myeloblastic leukemia] Lepera R, et al. **Sangre (Barc)** 1985; 30(3):363-6 (Eng. Abstr.) **(Spa)**

[Association of cutaneous mastocytosis with acute leukemia and adenocarcinoma] Ribera JM, et al. **Sangre (Barc)** 1985; 30(1):52-7 **(Spa)**

DIAGNOSIS

Lysosomal isoenzyme profiles used to classify a case of acute undifferentiated leukaemia. Eden OB, et al. **Br J Haematol** 1985 Jan;59(1):109-14

Perianal abscess: 'Have I excluded leukaemia'? Slater DN. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1682

Myelodysplastic syndrome or acute myeloid leukemia? A study of 28 cases presenting with borderline features. Scoazec JY, et al. **Cancer** 1985 May 15;55(10):2390-4

Adenosine diphosphate ribosyl transferase in marrow cells of patients with acute myeloid leukemia is related to differentiation and drug sensitivity. Pero RW, et al. **Carcinogenesis** 1985 Jul;6(7):1055-8

Ultrastructural studies on mitochondria. Diagnosis of acute leukemia. Wu QA, et al. **Chin Med J [Engl]** 1984 Jul; 97(7):509-14

Detection of minimal residual disease in acute leukemia: possibilities and limitations. Hagenbeek A, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):389-95

Prognostic value of DNA histograms of bone marrow cells in acute myeloblastic leukaemias. Maj S, et al. **Folia Haematol (Leipz)** 1984;111(2):186-9

Single incubation double esterase cytochemical reaction using a single coupling reagent. Swirsky DM. **J Clin Pathol** 1984 Oct;37(10):1187-90

Antimyeloid antibodies MY7 and MY9 in identification of acute myeloid leukemia [letter] Neame PB, et al. **Lancet** 1985 Apr 20;1(8434):928

Distinction between normal and leukemic bone marrow by water protons nuclear magnetic resonance relaxation times. Shah S, et al. **Magn Reson Imaging** 1982;1(1):23-8

Mandibular myelosarcoma (chloroma): primary oral manifestation of promyelocytic leukemia. Reichart PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):424-7

[Blast stage in chronic myeloleukemia--diagnostic and therapeutic problems] Atanasova L, et al. **Vutr Boles** 1984; 23(4):83-8 (Eng. Abstr.) **(Bul)**

[Method of detecting the early stage of acute leukemia in patients with cytopenias] Soloveĭ DIa, et al. **Gematol Transfuziol** 1985 Feb;30(2):54-7 **(Rus)**

[Immunologic phenotype of blast cells in the diagnosis of myeloblastic leukemias] Baryshnikov AIu, et al. **Ter Arkh** 1985;57(5):98-100 (Eng. Abstr.) **(Rus)**

[Clinico-hematological characteristics of preleukemia] Dvoretskiĭ LI, et al. **Ter Arkh** 1984;56(7):106-8 **(Rus)**

[Mediastinal tumor in a patient with acute myeloblastic leukosis (letter)] Gardella S, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):393-4 **(Spa)**

DRUG THERAPY

A phase II trial of VP 16-213 in adults with refractory acute myeloid leukemia. An Eastern Cooperative Oncology Group study. Bennett JM, et al. **Am J Clin Oncol** 1984 Oct;7(5):471-3

Myeloblastic leukemia: a randomized trial [letter] Estape J, et al. **Ann Intern Med** 1985 Mar;102(3):418-9

Antileukemic effect of coral-prostanoids clavulones from the stolonifer Clavularia viridis on human myeloid leukemia (HL-60) cells. Honda A, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):515-23

Phase I-II study of aclacinomycin for a treatment of acute myeloid leukemia. Machover D, et al. **Biomed Pharmacother** 1984;38(7):328-31

Improved treatment results in childhood acute myelogenous leukemia: a report of the German cooperative study AML-BFM-78. Creutzig U, et al. **Blood** 1985 Feb; 65(2):298-304

Ara-C incorporation into DNA [letter] Raza A, et al. **Blood** 1985 Jan;65(1):245-6

Therapy for acute myeloid leukemia in 119 adults: a comparison of two treatment protocols. Link H, et al. **Blut** 1985 Jul;51(1):49-56

Non-cardiotoxic anthracycline regimens in the treatment of acute myeloblastic leukaemia [letter] Boughton BJ, et al. **Br J Haematol** 1984 Oct;58(2):378-80

Low-dose ARA-C fails to enhance differentiation of leukaemic cells. Perri RT, et al. **Br J Haematol** 1985 Apr; 59(4):697-701

Prediction of response of acute non-lymphocytic leukaemia to therapy with 'high dose' cytosine arabinoside [letter] Peters WG, et al. **Br J Haematol** 1985 Apr;59(4):733-4

Secondary acute myeloid leukaemia: a heterogeneous entity? Sheehan T, et al. **Br J Haematol** 1985 Jan;59(1):192-3

Low-dose cytosine arabinoside regimen induced a complete remission with normal karyotypes in a case with hypoplastic acute myeloid leukaemia with No. 8-trisomy: in vitro and in vivo evidence for normal haematopoietic recovery. Tagawa M, et al. **Br J Haematol** 1985 Jul; 60(3):449-55

Treatment of acute myelogenous leukemia in adults with N4-behenoyl-1-beta-D-arabinofuranosylcytosine. Kimura K, et al. **Cancer** 1985 Oct 15;56(8):1913-7

Low-dose cytosine arabinoside in the myelodysplastic syndromes and acute myelogenous leukemia. Roberts JD, et al. **Cancer** 1985 Sep 1;56(5):1001-5

Multivariate analysis of factors associated with outcome of treatment for adults with acute myelogenous leukemia. Schwartz RS, et al. **Cancer** 1984 Oct 15;54(8):1672-81

Treatment of myeloblastic sarcoma in the sacral canal with high-dose cytosine arabinoside. Barnett M, et al. **Cancer Chemother Pharmacol** 1984;13(3):238-9

Pharmacokinetics of amsacrine in patients receiving combined chemotherapy for treatment of acute myelogenous leukemia. Jurlina JL, et al. **Cancer Chemother Pharmacol** 1985;14(1):21-5

Adriamycin and cytosine arabinoside contribute equally to prediction of response in acute myelocytic leukemia with improved confidence level. Lihou MG, et al. **Cancer Chemother Pharmacol** 1985;14(2):116-9

Induction of remission in acute promyelocytic leukemia with mitoxantrone. Mittelman A, et al. **Cancer Chemother Pharmacol** 1985;14(1):81-2

Synergistic effect of 4-hydroperoxycyclophosphamide and etoposide on a human promyelocytic leukemia cell line (HL-60) demonstrated by computer analysis. Chang TT, et al. **Cancer Res** 1985 Jun;45(6):2434-9

Treatment of blast crisis of chronic myelogenous leukemia with vincristine, prednisone, and cytarabine. Cervantes F, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):923-4

Hyperphosphatemic renal failure following treatment of acute nonlymphatic leukemia [letter] Dauber LG, et al. **Cancer Treat Rep** 1985 May;69(5):563-5

High-dose cytarabine for the treatment of blastic phase chronic myelogenous leukemia. Herzig RH, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):881-3

Effect of the interval between exposures to cytarabine on its cytotoxic action on HL-60 myeloid leukemic cells. Leclerc JM, et al. **Cancer Treat Rep** 1984 Sep;68(9):1143-8

Treatment of ocular leukemia with local chemotherapy. Rootman J, et al. **Cancer Treat Rep** 1985 Jan;69(1):119-22

Sequentially administered 5-azacitidine and amsacrine in refractory adult acute leukemia: a phase I-II trial of the Southeastern Cancer Study Group. Winton EF, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):807-11

Changes in the characteristics of the bone marrow during therapy for acute non-lymphocytic leukemia: relationship to response to remission induction therapy. Preisler HD, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):563-71

Treatment of acute myeloid leukemia and myelodysplastic syndrome by low dose arabinosyl cytosine. Baccarani M, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):160-5

Improved treatment results in childhood acute myelogenous leukemia: an update of the German cooperative study AML-BFM-78. Ritter J, et al. **Hamatol Bluttransfus** 1985; 29:82-3

Treatment of acute myeloid leukemia and myelodysplastic syndrome by low dose cytosine arabinoside. Weh HJ, et al. **Hamatol Bluttransfus** 1985;29:60-2

Early onset of daunomycin cardiotoxicity in a case of acute myelogeneous leukemia associated with Sweet's syndrome. Imamura N, et al. **Hiroshima J Med Sci** 1985 Jun; 34(2):253-6

Recurrent episodes of non-A, non-B hepatitis reactivated by chemotherapy. Nagler A, et al. **Isr J Med Sci** 1985 Apr;21(4):386-8

Neutrophilic eccrine hidradenitis: a distinctive rash associated with cytarabine therapy and acute leukemia. Flynn TC, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):584-90

Non-suppression of cortisol secretion by long term treatment with ketoconazole in patients with acute leukaemia. Dandona P, et al. **J Clin Pathol** 1985 Jun;38(6):677-8

Extrapyramidal reactions caused by antiemetics during cancer chemotherapy [letter] Kofoed PE, et al. **J Pediatr** 1984 Nov;105(5):852-3

Amsacrine and etoposide induced paralytic ileus in a patient with acute myelomonocytic leukemia. Kucuk O, et al. **J Surg Oncol** 1985 Mar;28(3):172-3

Role of chemotherapy for AML in remission [letter] Büchner T, et al. **Lancet** 1985 May 25;1(8439):1224-5

Mitozantrone and high-dose cytarabine in refractory adult acute myeloid leukaemia [letter] Hiddemann W, et al. **Lancet** 1985 Aug 31;2(8453):508-9

Mitozantrone and high-dose cytarabine in adult acute myeloid leukaemia [letter] Marcus RE, et al. **Lancet** 1985 Jun 15;1(8442):1384

Synergistic interaction between differentiation inducers and DNA synthesis inhibitors: a new approach to differentiation induction in myelodysplasia and acute myeloid leukaemia. Francis GE, et al. **Leuk Res** 1985;9(5):573-81

Screening for induction of differentiation and toxicity to blast cells by chemotherapeutic compounds in human myeloid leukemia. Lotem J, et al. **Leuk Res** 1985;9(2):249-58

Cell differentiation and therapeutic effect of low doses of cytosine arabinoside in human myeloid leukemia. Michalewicz R, et al. **Leuk Res** 1984;8(5):783-90

Low-dose cytarabine in acute myeloid leukaemia. Manoharan A, et al. **Med J Aust** 1984 Nov 10;141(10):643-6

Long survival in an elderly patient with acute myeloid leukaemia after treatment with harringtonine. Sullivan J, et al. **Med J Aust** 1985 Jun 24;142(13):693-4

Evaluation of cyclocytidine in reinduction and maintenance therapy of children with acute nonlymphocytic leukemia previously treated with cytosine arabinoside: a report from Children's Cancer Study Group. Movassaghi N, et al. **Med Pediatr Oncol** 1984;12(5):352-6

Treatment of acute myeloid leukaemia in first remission--chemotherapy versus bone marrow transplantation. De Witte T, et al. **Neth J Med** 1985; 28(7):281-4

Treatment of acute non-lymphocytic leukemia with DCMP intensive chemotherapy. Chen PM, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1330-6

In vitro sensitivity of leukemic clonogenic cells to four anthracyclines (adriamycin, daunorubicin, rubidazone and aclacinomycin) in human acute myeloid leukemia. Marie JP, et al. **Nouv Rev Fr Hematol** 1985;27(3):163-7

Treatment of acute myelocytic leukemia with a daunorubicin-cytarabine-6 thioguanine regimen without maintenance therapy. Freund M, et al. **Onkologie** 1985 Jun; 8(3):150-2

Cytotoxic action of low dose Ara-C. Investigations in a marrow grafted patient with relapse. Mittermüller J, et al. **Onkologie** 1985 Jun;8(3):168-71

ACTH 1-17 effects in acute myeloid leukemia. Arcese W, et al. **Ric Clin Lab** 1984 Apr-Jun;14(2):199-203

Vitamin A and/or high-dose Ara-C in the maintenance of remission in acute myelogenous leukaemia in children? Lie SO, et al. **Scand J Haematol** 1984 Sep;33(3):256-9

Intermediate and high-dose ARA-C and m-AMSA (or daunorubicin) as remission and consolidation treatment for patients with relapsed acute leukaemia and lymphoblastic non-Hodgkin lymphoma. Willemze R, et al. **Scand J Haematol** 1985 Jan;34(1):83-7

High-dose cytosine arabinoside in the initial treatment of acute leukemia. Barnett MJ, et al. **Semin Oncol** 1985 J 12(2 Suppl 3):133-8

Increased tumor growth and drug uptake predicts for response to continuous infusion high-dose cytarabine. Burke PJ, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):55-9

Intensive timed chemotherapy for 51 acute myeloid leukemia patients with poor prognosis. Fiere D, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):130-2

High-dose cytosine arabinoside in the treatment of childhood malignancies. Lie SO, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):160-5

Modulation of cytosine arabinoside (ara-C) and high-dose ara-C in acute leukemia. Zittoun R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):139-43

Treatment of acute myelogenous leukemia in aged patients with low-dose Ara-C (arabinosyl cytosine). Lin SF, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1151-7

THP-ADM in the treatment of acute promyelocytic leukemia. Uzuka Y, et al. **Tohoku J Exp Med** 1985 May; 146(1):1-8

[Small doses of Ara-C in the treatment of acute myeloid leukaemia] Lin XH, et al. **Chung Hua Nei Ko Tsa Chi** 1985 Jun;24(6):360-1, 383 (Eng. Abstr.) **(Chi)**

[Low-dose cytosine arabinoside treatment in acute myeloid leukemia] Jensen MK, et al. **Ugeskr Laeger** 1984 Aug 27; 146(35):2613-5 (Eng. Abstr.) **(Dan)**

[Treatment of acute myeloid leukemia with amsacrine and high-dose cytosine arabinoside: a phase II trial] Marit G, et al. **Bull Cancer (Paris)** 1985;72(1):37-41 (Eng. Abstr.) **(Fre)**

[Experimental bases of the in vitro treatment of leukemic bone marrow by a derivative of cyclophosphamide: ASTA Z 7557] Douay L, et al. **C R Acad Sci [III]** 1985; 301(6):303-8 (Eng. Abstr.) **(Fre)**

[Cytosine-arabinoside in high doses in refractory acute granulocytic leukemia. Apropos of 17 cases] Jouet JP, et al. **Nouv Rev Fr Hematol** 1985;27(3):169-73 (Eng. Abstr.) **(Fre)**

[Acute promyelocytic leukemia: retrospective study of 119 patients treated with daunorubicin] Marty M, et al. **Nouv Rev Fr Hematol** 1984;26(6):371-8 (Eng. Abstr.) **(Fre)**

[Combination of AMSA-high dose cytosine arabinoside in acute leukemia] Zittoun R, et al. **Presse Med** 1985 Jun 29; 14(26):1417-20 (Eng. Abstr.) **(Fre)**

[Low-dose cytosine arabinoside (ARA-C) in the treatment of acute myeloid leukemia] Beris P, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1763-6 (Eng. Abstr.) **(Fre)**

[Low-dose cytosine arabinoside in the treatment of myeloblastic leukemia] Beris P, et al. **Schweiz Rundsch Med Prax** 1984 Sep 25;73(39):1167-8 **(Fre)**

[Treatment of acute myeloid leukemia] Obrecht JP. **Folia Haematol (Leipz)** 1984;111(2):190-200 **(Ger)**

[High-dose cytosine arabinoside in the treatment of recurrent or acute refractory myeloid leukemias] Brudler O, et al. **Onkologie** 1985 Feb;8(1):39-40, 42-3 (Eng. Abstr.) **(Ger)**

[Therapeutic experiences with high-dose ARA-C and L-ASP] Dickerhoff R, et al. **Onkologie** 1985 Feb;8(1):44-5 (Eng. Abstr.) **(Ger)**

[AMSA/etoposide (VP 16-213). A phase I/II study in refractory acute myeloid leukemia] Hiddemann W, et al. **Onkologie** 1985 Jun;8(3):181-4 (Eng. Abstr.) **(Ger)**

[Combined therapy with AMSA and etoposide (VP 16-213) in refractory acute myeloid leukemia. A phase I study] Hiddemann W, et al. **Onkologie** 1984 Aug;7(4):214-6 (Eng. Abstr.) **(Ger)**

[AML-6 study of the value of cyclic alternating chemotherapy during remission in acute myelocytic leukemia] Jehn U, et al. **Onkologie** 1985 Apr;8(2):94-5 (Eng. Abstr.) **(Ger)**

[AML-7 study of the value of intensive remission induction in aged patients with acute myelocytic leukemia] Jehn U, et al. **Onkologie** 1985 Apr;8(2):97-8 (Eng. Abstr.) **(Ger)**

[AML-6 and AML-7 studies on the treatment of acute myelocytic leukemia. Cyclic alternating chemotherapy during remission, and induction of remission and survival of elderly patients] Jehn U, et al. **Onkologie** 1985 Jun; 8(3):160-4 (Eng. Abstr.) **(Ger)**

[High-dose cytarabine treatment: a promising therapy modality in acute resistant myeloid leukemias in recurrence] Meusers P, et al. **Onkologie** 1985 Feb;8(1):16, 18-9 (Eng. Abstr.) **(Ger)**

[High-dose cytarabine treatment with asparaginase (Capizzi schedule) in recurrent or refractory AML in the adult] Pees HW, et al. **Onkologie** 1985 Feb;8(1):53-4, 56 (Eng. Abstr.) **(Ger)**

[Various induction therapies in older patients with acute myeloid leukemias] Lutz D. **Wien Klin Wochenschr** 1985 Feb 1;97(3):137-40 (Eng. Abstr.) **(Ger)**

[Clinical evaluation of cases of remission induction failure in acute myelogenous leukemia] Saito M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):554-60 (Eng. Abstr.) **(Jpn)**

[Structural changes of cell membrane and cell differentiation induction] Honma Y. **Nippon Rinsho** 1985 Apr;43(4):706-8 **(Jpn)**

[Small-dose cytarabine (Ara-C) in the treatment of myelodysplastic syndrome] Dan K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1600-5 (Eng. Abstr.) **(Jpn)**

[Treatment of acute myelogenous leukemia with concurrent administration of N4-behenoyl-ara-C, aclacinomycin A, 6-mercaptopurine and prednisolone] Ino T, et al. **Rinsho Ketsueki** 1985 Feb;26(2):139-46 (Eng. Abstr.) **(Jpn)**

[ACMP two-step therapy for children with acute nonlymphoblastic leukemia] Kigasawa H, et al. **Rinsho Ketsueki** 1985 Jan;26(1):36-41 (Eng. Abstr.) **(Jpn)**

[A trial administration of small doses of Ara-C as a second step in remission induction in patients with acute non-lymphocytic leukemia] Nakayama S, et al. **Rinsho Ketsueki** 1985 Mar;26(3):423-8 (Eng. Abstr.) **(Jpn)**

[Small doses of ARA-C in the treatment of myeloblastic leukemia and blast crisis of myelocytic leukemia] Górski J, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):167-70 (Eng. Abstr.) **(Pol)**

[Prognosis and treatment of lymphosarcoma in the leukemic transformation stage of acute leukemia] Abdullaev RA, et al. **Gematol Transfuziol** 1985 Apr;30(4):31-6 (Eng. Abstr.) **(Rus)**

[The effect of cytostatic therapy on pyruvate kinase activity in the erythrocytes of patients with acute myelocytic leukemia] Labar B, et al. **Lijec Vjesn** 1985 Feb;107(2):61-3 (Eng. Abstr.) **(Scr)**

[Preliminary results of intensive care of acute myeloid leukemia in children under 2 therapeutic protocols] Cáp J, et al. **Cesk Pediatr** 1984 Sep;39(9):509-12 (Eng. Abstr.) **(Slo)**

[Treatment of acute promyelocytic leukemias in children] Fernández MJ, et al. **An Esp Pediatr** 1984 Jun;20(9):869-75 (Eng. Abstr.) **(Spa)**

[Results of treatment with 2 chemotherapeutic protocols (TAPA and VAPA) in acute myeloblastic leukemia] Avilés-Miranda A, et al. **Gac Med Mex** 1984 Apr; 120(4):145-50 **(Spa)**

[Possibilities for the cure of acute myeloblastic leukemia with the modified VAPA regimen: preliminary results] Díaz Mediavilla J, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):783-6 (Eng. Abstr.) **(Spa)**

[Is the cure of acute myeloblastic leukemia in the adult possible?] Ribas-Mundó M. **Med Clin (Barc)** 1984 Dec 8; 83(19):800-3 **(Spa)**

ENZYMOLOGY

Cytochemistry of glycosidases in acute leukemia. Invernizzi R, et al. **Basic Appl Histochem** 1985;29(2):161-3

Methotrexate-resistant human promyelocytic leukemia (HL-60) cells express a dihydrofolate reductase with altered properties associated with increased enzyme activity. Dedhar S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):536-45

Increased dihydrofolate reductase activity in methotrexate-resistant human promyelocytic-leukaemia (HL-60) cells. Lack of correlation between increased activity and overproduction. Dedhar S, et al. **Biochem J** 1985 Feb 1;225(3):609-17

Biosynthesis, transport and processing of myeloperoxidase in the human leukaemic promyelocytic cell line HL-60 and normal marrow cells. Olsson I, et al. **Biochem J** 1984 Nov 1;223(3):911-20

Cytochemical and electrophoretic characterisation of alpha naphthyl acetate esterases (ANAE) in acute myeloblastic leukaemia. Scott CS, et al. **Blut** 1984 Oct;49(4):331-8

Deficiency of erythrocyte superoxide dismutase and catalase activities in patients with malignant lymphoma and acute myeloid leukemia. Saito T, et al. **Cancer Lett** 1984 Sep; 24(2):141-6

Isolation and characterization of a deoxycytidine kinase-deficient human promyelocytic leukemic cell line highly resistant to 1-beta-D- arabinofuranosylcytosine. Bhalla K, et al. **Cancer Res** 1984 Nov;44(11):5029-37

Purification and characterization of high-affinity cyclic adenosine 5'-monophosphate phosphodiesterases from human acute myelogenous leukemic cells. Onali P, et al. **Cancer Res** 1985 Mar;45(3):1384-91

Translocation of phospholipid-sensitive Ca2+-dependent protein kinase and its substrate, Mr 38,000 protein, in chronic myelocytic and acute myelocytic leukemias. Sakurada K, et al. **Cancer Res** 1985 Feb;45(2):903-8

Phospholipid- and Ca2+-dependent protein kinase activity and protein phosphorylation patterns in the differentiation of human promyelocytic leukemia cell line HL-60. Zylber-Katz E, et al. **Cancer Res** 1985 Oct;45(10):5159-64

Biochemical comparison of myeloperoxidase of leukemic myeloblasts and normal neutrophilic granulocytes. Morishita K, et al. **J Appl Biochem** 1984 Oct-Dec; 6(5-6):271-7

Retinoic acid-induced expression of tissue transglutaminase in human promyelocytic leukemia (HL-60) cells. Davies PJ, et al. **J Biol Chem** 1985 Apr 25;260(8):5166-74

Manganese-phospholipid-stimulated protein kinase activity of human leukemic cells. Elias L, et al. **J Biol Chem** 1985 Jun 10;260(11):7023-8

Immunohistochemical demonstration of leucocyte elastase in human tissues. Crocker J, et al. **J Clin Pathol** 1984 Oct; 37(10):1114-8

[Hexosaminidase activity in cell lines, serum and urine of leukemia patients in childhood] Enslein J, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):219-24 (Eng. Abstr.) **(Ger)**

[Serum lysozyme level in children with acute leukemia and malignant diseases] Dick W, et al. **Padiatr Padol** 1985; 20(1):25-32 (Eng. Abstr.) **(Ger)**

[Peroxidase activity in blast cells of acute myeloid leukemia cultured in methylcellulose. Ultrastructural study] Escribano Mora LM, et al. **Sangre (Barc)** 1984; 29(4-A):361-9 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Acute nonlymphocytic leukemia in a glue sniffer. Caligiuri MA, et al. **Am J Hematol** 1985 Sep;20(1):89-90

Donor cell leukemia developing six years after marrow grafting for acute leukemia. Witherspoon RP, et al. **Blood** 1985 May;65(5):1172-4

Acute myelomonocytic leukaemia developing in a patient with psoriasis treated with oral 8-methoxypsoralen and longwave ultraviolet light. Freeman K, et al. **Clin Exp Dermatol** 1985 Mar;10(2):144-6

Acute leukaemia following malignant ependymoma: a case report. Pai MR, et al. **J Surg Oncol** 1985 May;29(1):1-4

Essential thrombocythemia terminating in myelofibrosis and myeloblastic transformation. Yonemitsu H, et al. **Jpn J Med** 1985 Feb;24(1):57-61

[Post therapeutic myeloblastic leukemia in non-Hodgkin's lymphoma] Maekawa I, et al. **Gan No Rinsho** 1984 Sep; 30(11):1422-8 (Eng. Abstr.) **(Jpn)**

[Heterogeneity of idiopathic acquired sideroblastic anemia] Tsvetaeva NV, et al. **Gematol Transfuziol** 1984 Dec; 29(12):15-21 (Eng. Abstr.) **(Rus)**

[What is preleukemia?] Vladimirskaia EB. **Gematol Transfuziol** 1984 Dec;29(12):43-7 (78 ref.) **(Rus)**

FAMILIAL & GENETIC

Chromosomal changes in acute promyelocytic leukemia. Fei HB, et al. **Acta Acad Med Wuhan** 1984;4(3):182-6

Sister chromatid exchange and cell kinetics of marrow cells in acute non-lymphocytic leukemia. Zhao LC, et al. **Acta Acad Med Wuhan** 1985;5(1):54-6

Relationship between patients' age, bone marrow karyotype, and outcome of induction therapy in acute myelogenous leukemia. Bernard P, et al. **Am J Hematol** 1985 Feb; 18(2):153-8

Premature chromosome condensation studies in human leukemia: 5. Prediction of early relapse. Hittelman WN, et al. **Blood** 1984 Nov;64(5):1067-73

A unique pattern of central nervous system leukemia in acute myelomonocytic leukemia associated with inv(16)(p13q22). Holmes R, et al. **Blood** 1985 May;65(5):1071-8

Chromosome-mediated transfer of the malignant phenotype by human acute myelogenous leukemic cells. Minden MD, et al. **Blood** 1984 Oct;64(4):842-6

Heavy chain immunoglobulin gene arrangement and lineage infidelity in acute myelogenous leukemia (letter). Mirro J, et al. **Blood** 1985 May;65(5):1294-5

Lineage infidelity of a human myelogenous leukemia cell line. Palumbo A, et al. **Blood** 1984 Nov;64(5):1059-63

Disconnection of genes coding for self-renewal and differentiation: a possible mechanism of diversity in acute myeloid leukemias. von Melchner H, et al. **Blut** 1985 May; 50(5):257-65

Incidence of the 15q+;17q- chromosome translocation in acute promyelocytic leukaemia (APL). Sheer D, et al. **Br J Cancer** 1985 Jul;52(1):55-8

Sequential development of distinct clonal chromosome abnormalities in a patient with preleukaemia. Miller BA, et al. **Br J Haematol** 1985 Mar;59(3):411-8

Control of lysozyme gene expression in differentiating HL-60 cells. Polansky DA, et al. **Br J Haematol** 1985 May; 60(1):7-17

Promyelocytic blast crisis of chronic myelocytic leukemia with both t(9;22) and t(15;17) in M3 cells. Castaigne S, et al. **Cancer** 1984 Dec 1;54(11):2409-13

Acquisition of a Philadelphia chromosome concomitant with transformation of a refractory anemia into an acute leukemia. Smadja N, et al. **Cancer** 1985 Apr 1;55(7):1477-81

Chromosomes and causation of human cancer and leukemia. LIV. Near-tetraploidy in acute leukemia. Abe R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):45-59

Variant translocation t(8;21;15) in an acute myeloblastic leukemia with phenotypic differential evolution. Ayraud N, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):191-7

A complex translocation in acute promyelocytic leukemia. Callen DF, et al. **Cancer Genet Cytogenet** 1985 Mar 1; 16(1):45-8

Proliferative characteristics and sister chromatid exchange (SCE) of colony-forming cells (CFU-S) in acute myelogenous leukemia. Crossen PE, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):267-73

Isochromosome X in acute myeloblastic leukemia. Debiec-Rychter M, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):137-41

Noninvolvement of chromosome 16 in karyotype evolution of acute myeloid leukemia in a patient with a heritable fragile site on 16q22. Haas OA, et al. **Cancer Genet Cytogenet** 1985 May;17(1):1-12

Loss of the Y chromosome in acute myelogenous leukemia: a report of 13 patients. Holmes RI, et al. **Cancer Genet Cytogenet** 1985 Jul;17(3):269-78

Correlation of karyotype with patient sex and age in acute myeloid leukemia. Li YS. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):73-81

Premature separation of centromeres in marrow chromosomes from an untreated patient with acute myelogenous leukemia. Littlefield LG, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):109-16

Acute nonlymphoblastic leukemia with bone marrow eosinophilia and structural anomaly of chromosome 16. Mecucci C, et al. **Cancer Genet Cytogenet** 1985 Aug; 17(4):359-63

Cytogenetic and ultrastructural studies on ten patients with acute promyelocytic leukemia, including one case with a complex translocation. Ohyashiki K, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):247-55

Chromosomal characteristics of chronic and blastic phases of Ph-positive chronic myeloid leukemia. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):17-24

A variant 15;17 translocation in a patient with acute promyelocytic leukemia. Sonoda Y, et al. **Cancer Genet Cytogenet** 1985 May;17(1):61-7

Value of cytogenetic studies in prediction of acute phase CML. Watmore AE, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):293-301

Oncogene mobility in a human leukemia line HL-60. Wolman SR, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):133-41

Relationship of c-myc expression to differentiation and proliferation of HL-60 cells. Filmus J, et al. **Cancer Res** 1985 Feb;45(2):822-5

Chromatin structure of the c-myc gene in HL-60 cells during alterations of transcriptional activity. Grosso LE, et al. **Cancer Res** 1985 Oct;45(10):5035-41

Transcriptional regulation of c-myc during chemically induced differentiation of HL-60 cultures. Grosso LE, et al. **Cancer Res** 1985 Feb;45(2):847-50

Identification in several human myeloid leukemias or cell lines of a DNA rearrangement next to the c-mos 3'-end. Revoltella RP, et al. **FEBS Lett** 1985 Sep 9;189(1):97-101

Partial deletion of the long arm of chromosome 17 in acute promyelocitic leukemia. Barletta C, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):171-3

Association between the Philadelphia chromosome and a unique abl transcript. Canaani E, et al. **Hamatol Bluttransfus** 1985;29:154-8

Somatic N-ras oncogene activation in a patient with acute myeloblastic leukemia. Moroni C, et al.

Hamatol Bluttransfus 1985;29:159-62

A new chromosome abnormality in acute nonlymphocytic leukemia. Vekemans MJ, et al. **Hum Genet** 1985;70(2):189

Transfection by human oncogenes: concomitant induction of tumorigenicity and tumor-associated membrane alterations. Collard JG, et al. **Int J Cancer** 1985 Feb 15; 35(2):207-13

Extramedullary transformation of chronic myeloid leukaemia with a unique chromosome pattern. Flanagan NG, et al. **J Clin Pathol** 1985 Jul;38(7):831-4

Double minute chromosomes in acute myeloblastic leukemia. Oguma N, et al. **JNCI** 1985 May;74(5):1007-13

Cytogenetic studies on acute myelomonocytic leukaemia (M4) with eosinophilia. Berger R, et al. **Leuk Res** 1985; 9(2):279-88

Variation in myc gene amplification and expression in sublines of HL60 cells. Graham SV, et al. **Leuk Res** 1985; 9(2):239-47

Promyelocytic blast crisis in chronic granulocytic leukemia with 15;17 translocation. Hogge DE, et al. **Leuk Res** 1984; 8(6):1019-23

Cytogenetics of acute promyelocytic leukaemia: incidence of t(15;17) at the Royal Marsden Hospital, London. Swansbury GJ, et al. **Leuk Res** 1985;9(2):271-8

Pesticide and familial leukaemia [letter] England JF, et al. **Med J Aust** 1985 Sep 16;143(6):263

Amino-acid substitutions at codon 13 of the N-ras oncogene in human acute myeloid leukaemia. Bos JL, et al. **Nature** 1985 Jun 27-Jul 3;315(6022):726-30

Translocation of the p53 gene in t(15;17) in acute promyelocytic leukaemia. Le Beau MM, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):826-8

Masked Philadelphia chromosome due to the translocation (1q-;22q +) and small chromosome 19 in a case of acute leukemia. Suciu S, et al. **Neoplasma** 1984;31(5):573-9

Isolation and analysis of the 21q+ chromosome in the acute myelogenous leukemia 8;21 translocation: evidence that c-mos is not translocated. Drabkin HA, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):464-8

Activation of an N-ras gene in acute myeloblastic leukemia through somatic mutation in the first exon. Gambke C, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):879-82

Major deletions in the gene encoding the p53 tumor antigen cause lack of p53 expression in HL-60 cells. Wolf D, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):790-4

The role of the c-mos gene in the 8;21 translocation in human acute myeloblastic leukemia. Diaz MO, et al. **Science** 1985 Aug 23;229(4715):767-9

[Acute myeloblastic leukemia with involvement of the basophilic cell line and anomalies of the short arm of chromosome 12 (12p)] Daniel MT, et al. **C R Acad Sci [III]** 1985;301(6):299-301 (Eng. Abstr.) **(Fre)**

[Association of idiopathic lymphedema and familial acute leukemia. Apropos of a new case (letter)] Attal M, et al. **Presse Med** 1985 Mar 9;14(10):600 **(Fre)**

[DNA aneuploidy in children with acute leukemia: I. Incidence and clinical significance within the scope of the BFM studies] Hiddemann W, et al. **Klin Padiatr** 1985 May-Jun;197(3):215-20 (Eng. Abstr.) **(Ger)**

[DNA aneuploidy in children with acute leukemia: II. Correlation with the phenotype of blasts, clinical picture and course of disease] Ritter J, et al. **Klin Padiatr** 1985 May-Jun;197(3):221-4 (Eng. Abstr.) **(Ger)**

[Oncogene activation in the leukemias] Moroni C. **Schweiz Med Wochenschr** 1984 Oct 6;114(40):1369-73 (Eng. Abstr.) **(Ger)**

[The study on leukemic stem cell (L-CFU). I. Cytogenetic studies of the colonies obtained from leukemic patients] Ishibashi T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):374-80 (Eng. Abstr.) **(Jpn)**

[Double minute chromosomes (DMs) in a case of acute myelocytic leukemia (M2: FAB classification)] Oguma N, et al. **Rinsho Ketsueki** 1984 Jun;25(6):856-63 (Eng. Abstr.) **(Jpn)**

[Three cases of acute myeloid leukemia in children with 8;21 translocation and missing Y chromosome--cytochemical and ultrastructural study] Takahashi H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1705-12 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Cellular and humoral cytotoxicity in patients with leukaemia and preleukaemia. II. Oncovirus specificity of the reaction. Szabó B, et al. **Acta Microbiol Hung** 1984;31(4):365-72

Immunization of acute leukemic children with a live varicella vaccine (Oka strain). Kamiya H, et al. **Biken J** 1984 Sep; 27(2-3):99-102

Evaluation of varicella vaccine in childhood leukemia. Observation over 6 years. Oka T, et al. **Biken J** 1984 Sep; 27(2-3):103-9

The E rosette-associated antigen of T cells can be identified on blasts from patients with acute myeloblastic leukemia. Mirro J, et al. **Blood** 1985 Feb;65(2):363-7

E-rosette formation in acute nonlymphocytic leukemia [letter] Neame PB, et al. **Blood** 1985 Jul;66(1):247-8

Heterogeneity of Ia antigen expression on myeloblastic leukaemias: correlation with stage of maturation defined by cytochemical markers. Heumann D, et al. **Br J Haematol** 1985 Apr;59(4):681-7

Deficient expression of class-I HLA in some cases of acute leukemia. Elkins WL, et al. **Cancer Immunol Immunother** 1984;18(2):91-100

Expression of maturation-specific nuclear antigens in differentiating human myeloid leukemia cells. Murao S, et al. **Cancer Res** 1985 Feb;45(2):791-5

Macrophage glycolipid receptors for human migration inhibitory factor (MIF): differentiated HL-60 cells exhibit MIF responsiveness and express surface glycolipids which both bind MIF and convert nonresponsive cells to responsiveness. Liu DY, et al. **Cell Immunol** 1985 Feb; 90(2):605-13

Characteristics of a monoclonal antibody (RM124) against acute myelocytic leukemia cells. Martens AC, et al. **Exp Hematol** 1984 Sep;12(8):667-71

Effects of staphylococcal protein A-treated human leukemic serum on autologous leukemic blast growth and mitogenesis of lymphocytes. Spitzer TR, et al. **J Clin Immunol** 1984 Nov;4(6):455-60

Isolation and characterization of My23, a myeloid cell-derived antigen reactive with the monoclonal antibody AML-2-23. Maliszewski CR, et al. **J Immunol** 1985 Sep; 135(3):1929-36

Malignancy in immunodeficiencies. Kelly K, et al. **Kans Med** 1985 Mar;86(3):90-2

Modulation of HLA-DR antigens expression in human myeloid leukaemia cells by cytarabine and 5-aza-2'-deoxycytidine [letter] Pinto A, et al. **Lancet** 1984 Oct 13;2(8407):867-8

Antibodies to primate retrovirus antigens in circulating immune complexes of patients with acute myeloid leukemia. Anh-Tuan N, et al. **Leuk Res** 1984;8(5):863-71

NHL-30.5: a monoclonal antibody reactive with an acute myeloid leukemia (AML)-associated antigen. Askew DS, et al. **Leuk Res** 1985;9(1):135-45

Tumoricidal activity of an acute promyelocytic leukemia cell line (HL-60) is augmented by human interferon alpha. Buessow SC, et al. **Leuk Res** 1984;8(5):801-11

Cell markers and acute leukaemia subtypes in Chile. Cabrera ME, et al. **Leuk Res** 1985;9(6):809-12

Immunomodulation of NK and ADCC by Corynebacterium parvum in acute myeloid leukaemia patients. Hokland P, et al. **Leuk Res** 1985;9(1):175-84

Identification of a membrane glycoprotein associated with haemopoietic progenitor cells. Katz FE, et al. **Leuk Res** 1985;9(2):191-8

Immunological markers in acute leukaemia. Avnstrøm S, et al. **Scand J Haematol** 1985 Jan;34(1):16-21

Immune phenotype heterogeneity in AML. Ost A, et al. **Scand J Haematol** 1985 Apr;34(4):293-302

Reactivity of lymphocyte cytotoxic autoantibodies from renal patients with cell line K562. Deierhoi MH, et al. **Transplantation** 1984 Nov;38(5):557-8

Lymphocytotoxic antibodies in leukemic patients treated with bone marrow transplantation. Lawler SD, et al. **Transplantation** 1985 Mar;39(3):263-5

[Immune complexes in the serum of patients with acute myeloblastic leukemia] Späth P, et al **Schweiz Med Wochenschr** 1984 Oct 6;114(40):1373-5 (Eng. Abstr.) **(Ger)**

[Monoclonal antibodies in the diagnosis of acute leukemia] Matolcsy A, et al. **Orv Hetil** 1985 Jun 16;126(24):1459-60, 1463-6 (Eng. Abstr.) **(Hun)**

[Antinuclear antibodies and antibodies against native DNA in patients with acute leukemia] Poborski W. **Pol Arch Med Wewn** 1984 Sep;72(3):87-90 (Eng. Abstr.) **(Pol)**

[Local immunity of the upper respiratory tract in patients with acute leukemia] Martynova VA, et al. **Vopr Onkol** 1984;30(11):59-63 (Eng. Abstr.) **(Rus)**

METABOLISM

Relationship between 3H-histamine uptake and H2-receptors in the human promyelocytic leukemia cell line HL-60. Gespach C, et al. **Agents Actions** 1985 Apr;16(3-4):279-83

Detection of a novel cyclooxygenase metabolite produced by human promyelocytic leukemia (HL-60) cells. Agins AP, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):143-9

Phorbol ester effect in platelets, lymphocytes, and leukemic cells (HL-60) is associated with enhanced phosphorylation of class I HLA antigens. Coprecipitation of myosin light chain. Feuerstein N, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):206-13

Human myeloid leukemia cells metabolize 25-hydroxyvitamin D3 in vitro. Okabe T, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):635-41

Variables that regulate production of insulin-like peptide(s) in human leukemia cell line (HL-60). Yamanouchi T, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):293-9

In vitro translation of polyadenylated RNA isolated from control and interferon-treated human promyelocytic HL-60 leukemic cells. Borelli TJ, et al. **Biochem Int** 1985 Mar;10(3):517-24

Thrombin generation in acute promyelocytic leukemia. Bauer KA, et al. **Blood** 1984 Oct;64(4):791-6

Production of leukemic blast growth factor by a human bladder carcinoma cell line. Hoang T, et al. **Blood** 1985 Sep;66(3):748-51

Prognostic significance of terminal transferase activity and glucocorticoid receptor levels in acute myeloid leukemia. Skoog L, et al. **Br J Cancer** 1984 Oct;50(4):443-9

Daunorubicin accumulation by human myeloblasts varying in anthracycline resistance. Kessel D, et al. **Cancer Lett** 1984 Oct;24(3):305-9

Specific protein phosphorylation in human promyelocytic HL-60 leukemia cells susceptible or resistant to induction of cell differentiation by phorbol-12-myristate-13-acetate. Anderson NL, et al. **Cancer Res** 1985 Oct;45(10):4955-62

Cell-free system studies on the phosphorylation of the 17,000-20,000 dalton protein induced by phorbol ester in human leukemic cells and evidence for a similar event in virally transformed murine fibroblasts. Feuerstein N, et al. **Cancer Res** 1985 Jul;45(7):3243-51

Effects of pyrimidine antagonists on sialic acid regeneration in HL-60 cells. Hindenburg AA, et al. **Cancer Res** 1985 Jul;45(7):3048-52

Reversible effects of retinoic acid on glycosaminoglycan synthesis during differentiation of HL-60 leukemia cells. Reiss M, et al. **Cancer Res** 1985 May;45(5):2092-7

HL-60 human leukaemic cell line colonies in agar capillaries: comparison of their reactivity to hormones, cytostatics and selective inhibitors of proliferation. Mann J, et al. **Cell Biol Int Rep** 1985 Mar;9(3):201-7

Sequence complexity and diversity of polyadenylated RNA molecules transcribed in human myeloid cells. Leukemic myeloblasts and HL60 promyelocytes uninduced and induced to terminal differentiation with retinoic acid. Torelli G, et al. **Differentiation** 1984;27(2):133-40

Cell cycle effects of an autologous growth promoter from human leukemia cells. Heil MF, et al. **Exp Cell Res** 1985 Mar;157(1):282-7

Phosphorylation and dephosphorylation of human promyelocytic leukemia cell (HL-60) proteins by tumor promoter. Mita S, et al. **Exp Cell Res** 1984 Oct;154(2):492-9

Effects of HL-60 cell membrane glycosaminoglycans on binding of differentiation-associated receptors. Luikart SD, et al. **Exp Hematol** 1985 Aug;13(7):670-4

[3H]Ouabain binding and 86 rubidium uptake during the dimethyl sulfoxide-induced differentiation of human promyelocytic leukemia HL-60 cells. Ladoux A, et al. **FEBS Lett** 1984 Oct 29;176(2):467-72

Processing of the formyl peptide receptor by HL-60 cells. Anderson R, et al. **J Biol Chem** 1984 Nov 10; 259(21):13309-15

Dissociation of protein kinase C activation from phorbol ester-induced maturation of HL-60 leukemia cells. Kreutter D, et al. **J Biol Chem** 1985 May 25; 260(10):5979-84

Relationships between in vitro selenium supply, glutathione peroxidase activity, and phagocytic function in the HL-60 human myeloid cell line. Speier C, et al. **J Biol Chem** 1985 Jul 25;260(15):8951-5

Lectin receptor proximity on HL-60 leukemia cells determined by fluorescence energy transfer using flow cytometry. Jenis DM, et al. **J Cell Physiol** 1984 Dec; 121(3):501-7

Biosynthesis of the human C3b/C4b receptor during differentiation of the HL-60 cell line. Identification and characterization of a precursor molecule. Atkinson JP, et al. **J Clin Invest** 1984 Nov;74(5):1649-57

Histamine H2 receptor desensitization in HL-60 human promyelocytic leukemia cells. Sawutz DG, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):1-7

Flow cytometric analysis of deoxyribonucleic acid (DNA) content in adult leukemia. Hirosawa S, et al. **Jpn J Med** 1984 Aug;23(3):220-7

Glucocorticoid receptors of normal and leukemic cells: role of proliferation conditions. Smets LA, et al. **Leuk Res** 1985; 9(2):199-207

Changes in membrane gangliosides: differentiation of human and murine monocytic cells. Ryan JL, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):125-31

MORTALITY

Causes of early death in adult acute leukaemia. Kotlarek-Haus S, et al. **Folia Haematol (Leipz)** 1984; 111(2):213-6

OCCURRENCE

Myeloproliferative disorders in patients with rheumatoid arthritis treated with total body irradiation. Urowitz MB, et al. **Am J Med** 1985 Jan 21;78(1A):60-4

PATHOLOGY

Evaluation of techniques for increasing mitotic yield and chromosome length in leukemic cells. Rapoza PA, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):740-6

Reactive plasmacytosis. Case report and review of the literature. Gavarotti P, et al. **Acta Haematol (Basel)** 1985; 73(2):108-10

Intracerebral hemorrhagic dissemination of acute myelocytic leukemia. Kelly JK, et al. **AJNR** 1985 Jan-Feb;6(1):113-4

The relative merit of various cytochemical quantities and manual differential count in predicting remission following chemotherapy of patients with de novo acute myeloblastic leukemia. Avnstrøm S, et al. **Am J Clin Pathol** 1985 Jan; 83(1):73-6

Pulmonary leukostasis as the single worst prognostic factor in patients with acute myelocytic leukemia and hyperleukocytosis. Lester TJ, et al. **Am J Med** 1985 Jul; 79(1):43-8

Open lung biopsy in patients with acute leukemia. McCabe RE, et al. **Am J Med** 1985 Apr;78(4):609-16

Association between mediastinal germ cell tumors and hematologic malignancies. Report of two cases and review of the literature. DeMent SH, et al. **Am J Surg Pathol** 1985 Jan;9(1):23-30

Maturation asynchrony in leukemic cells. An abnormal combination of normal cell markers. Reizenstein P, et al. **Anticancer Res** 1985 Jul-Aug;5(4):361-2

Recombinant human interferon sensitizes resistant myeloid leukemic cells to induction of terminal differentiation. Grant S, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):379-88

The role of interferon-gamma in induction of differentiation of human myeloid leukemia cell lines, ML-1 and HL-60. Takei M, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):100-5

Induction of human HL-60 leukemic cell differentiation by immune interferon is accompanied by an increase in NADase activity and by a decrease in DNA-binding proteins. Borelli TJ, et al. **Biochem Int** 1985 Jul;11(1):61-8

Partial purification and initial characterization of a novel differentiation factor for mouse myeloid leukemia cells. Nakaya K, et al. **Biochem Int** 1985 Apr;10(4):619-26

The proliferation in suspension of the progenitors of the blast cells in acute myeloblastic leukemia. Nara N, et al. **Blood** 1985 Jun;65(6):1484-93

Simultaneous or sequential expression of lymphoid and myeloid phenotypes in acute leukemia. Neame PB, et al. **Blood** 1985 Jan;65(1):142-8

Terminal transferase positive acute promyelocytic leukemia: in vitro differentiation of a T-lymphocytic/promyelocytic hybrid phenotype. Paietta E, et al. **Blood** 1985 Jan; 65(1):107-14

Acute myelomonocytic leukaemia with abnormal eosinophils and inversion of chromosome 16. Woessner S, et al. **Blut** 1985 Jan;50(1):45-50

Emperipolesis of granulocytes within megakaryocytes. de Pasquale A, et al. **Br J Haematol** 1985 Jun;60(2):384-6

Variable differentiation of human acute myeloid leukaemia during colony formation in vitro: a membrane marker analysis with monoclonal antibodies. Touw I, et al. **Br J Haematol** 1985 Jan;59(1):37-44

Spontaneous remission in adult acute leukemia. Ifrah N, et al. **Cancer** 1985 Sep 1;56(5):1187-90

Correlation of differentiation state and silver staining of nucleolar organizers in the promyelocytic leukemia cell line HL-60. Reeves BR, et al. **Cancer Genet Cytogenet** 1984 Oct;13(2):159-66

Clonal evolution in acute promyelocytic leukemia. Young GA, et al. **Cancer Genet Cytogenet** 1985 Apr 15; 16(4):349-51

Isolation and characterization of an anthracycline-resistant human leukemic cell line. Bhalla K, et al. **Cancer Res** 1985 Aug;45(8):3657-62

Switch in differentiative response to maturation inducers of human promyelocytic leukemia cells by prior exposure to alkaline conditions. Fischkoff SA, et al. **Cancer Res** 1985 May;45(5):2065-9

Membrane lipid dynamics in human promyelocytic leukemia cells sensitive and resistant to 12-O-tetradecanoylphorbol-13-acetate induction of differentiation. Fisher PB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5550-4

Effect of uridine on response of 5-azacytidine-resistant human leukemic cells to inhibitors of de novo pyrimidine synthesis. Grant S, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5505-10

Distinct differentiation-inducing activities of gamma-interferon and cytokine factors acting on the human promyelocytic leukemia cell line HL-60. Harris PE, et al. **Cancer Res** 1985 Jul;45(7):3090-5

Flow cytometric analysis of pentakis(aziridino)thiatriazadiphosphorine oxide (SOAz)-induced changes in cell cycle progression of HeLa and HL-60 cells. Hecquet C, et al. **Cancer Res** 1985 Feb; 45(2):552-4

Enhancement of the differentiation-inducing properties of 6-thioguanine by hypoxanthine and its nucleosides in HL-60 promyelocytic leukemia cells. Ishiguro K, et al. **Cancer Res** 1985 Jan;45(1):91-5

Cooperative regulation of c-myc expression in differentiation of human promyelocytic leukemia induced by recombinant gamma-interferon and 1,25-dihydroxyvitamin D3. Matsui T, et al. **Cancer Res** 1985 Sep;45(9):4366-71

Effects of calmodulin antagonists and cytochalasins on proliferation and differentiation of human promyelocytic leukemia cell line HL-60. Matsui T, et al. **Cancer Res** 1985 Jan;45(1):311-6

Alternative differentiation of human promyelocytic leukemia cells (HL-60) induced selectively by retinoic acid and 1 alpha,25-dihydroxyvitamin D3. Miyaura C, et al. **Cancer Res** 1985 Sep;45(9):4244-8

Differences in cell cycle kinetics during induced granulocytic versus monocytic maturation of HL-60 leukemia cells. Ross DW. **Cancer Res** 1985 Mar;45(3):1308-13

Cell cycle sensitivity of HL-60 cells to the differentiation-inducing effects of 1-alpha,25-dihydroxyvitamin D3. Studzinski GP, et al. **Cancer Res** 1985 Aug;45(8):3898-905

Analysis of commitment of human leukemia HL-60 cells to terminal granulocytic maturation. Tsiftsoglou AS, et al. **Cancer Res** 1985 May;45(5):2334-9

Comparison of in vitro and in vivo differentiation of myeloblastic leukemia of the RFM/Un mouse. Weinberg JB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5594-8

Myeloid differentiation-inducing factors produced by pokeweed mitogen-treated normal G1/0 lymphocytes but not chronic lymphocytic leukemia cells. Yen A, et al. **Cancer Res** 1985 Sep;45(9):4060-6

Alternative myelomonocytic differentiation of HL-60 reflects dual prospective potency of promyelocytes in human. Parwaresch MR, et al. **Cell Immunol** 1984 Dec; 89(2):385-98

Mathematical model of acute myeloblastic leukaemia: an investigation of the relevant kinetic parameters. Djulbegović B, et al. **Cell Tissue Kinet** 1985 May; 18(3):307-19

Differentiation of HL-60 promyelocytic leukemia cells monitored by flow cytometric measurement of nitro blue tetrazolium (NBT) reduction. Blair OC, et al. **Cytometry** 1985 Jan;6(1):54-61

Cell-cycle, protein content, and nuclear size in acute myeloid leukemia. Ffrench M, et al. **Cytometry** 1985 Jan;6(1):47-53

Detection of minimal disease in acute leukemia using flow cytometry: studies in a rat model for human acute leukemia. Martens AC, et al. **Cytometry** 1985 Jul;6(4):342-7

Recognition of central nervous system leukemia by flow cytometry. Redner A, et al. **Cytometry** 1984 Nov;5(6):614-8

Specific alterations in the pattern of histone-3 synthesis during conversion of human leukemic cells to terminally differentiated cells in culture. Pantazis P, et al. **Differentiation** 1984;28(2):186-90

Control of HL-60 myeloid differentiation. Evidence of uncoupled growth and differentiation control, S-phase specificity, and two-step regulation. Yen A. **Exp Cell Res** 1985 Jan;156(1):198-212

Effect of retinoic acid on the clonal growth of childhood myeloid and lymphoid leukemias: a pediatric oncology group study. Findley HW Jr, et al. **Exp Hematol** 1984 Nov; 12(10):768-73

Production of differentiation-stimulating factor for murine leukemic myeloblast line by monocytic cells stimulated by a nonpyrogenic muramyl dipeptide derivative. Parant M, et al. **Exp Hematol** 1985 Mar;13(3):221-8

Stimulation of proliferation and differentiation of acute myeloid leukemia cells on a bone marrow stroma in culture. Schölzel C, et al. **Exp Hematol** 1985 Aug;13(7):664-9

A new myelomonoblastic cell line (M20): analysis of properties, differentiation, and comparison with other established lines of similar origin. Treves AJ, et al. **Exp Hematol** 1985 May;13(4):281-8

Behavior of human leukemic progenitor populations in long-term marrow culture. Eaves C, et al. **Hamatol Bluttransfus** 1985;29:163-7

Analysis of leukemic cells with monoclonal antibodies in acute myelomonocytic leukemia suggests abnormality at an early differentiation stage in certain cases. Gramatzki M, et al. **Hamatol Bluttransfus** 1985;29:190-3

Nonspecific cross-reacting antigen as a marker of myelocytic leukemias in individual stages of myelocytic cell differentiation. Harłozińska A, et al. **Hamatol Bluttransfus** 1985;29:194-6

A T lymphocyte-derived differentiation-inducing factor for myeloid leukemia cells: purification and characterization. Olsson I, et al. **Hamatol Bluttransfus** 1985;29:423-5

Plasminogen activator as a prognostic factor in hematological malignancies. Wilson EL, et al. **Hamatol Bluttransfus** 1985; 29:197-9

Specific cutaneous involvement in the course of chronic myelomonocytic leukemia simultaneously with blastic leukemic transformation. Report of a case with histologic and cytochemical study. Pozo-Román T, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):943-8

Interferon-alpha and -gamma promote myeloid differentiation of HL-60, a human acute promyelocytic leukemia cell line. Buessow SC, et al. **J Biol Response Mod** 1984 Dec;3(6):653-62

Cytostasis of tumor cell lines by promyelocytic leukemia cell line HL60 differentiated to granulocyte lineage. Hara T, et al. **J Cancer Res Clin Oncol** 1985;109(2):103-6

Induction of differentiation in human myeloid leukemic cells by proteolytic enzymes. Fibach E, et al. **J Cell Physiol** 1985 May;123(2):228-34

Characterization of the metabolic forms of 6-thioguanine responsible for cytotoxicity and induction of differentiation of HL-60 acute promyelocytic leukemia cells. Ishiguro K, et al. **J Cell Physiol** 1984 Nov;121(2):383-90

Maturation of human promyelocytic leukemia cells induced by nicotinamide: evidence of a regulatory role for ADP-ribosylation of chromosomal proteins. Lucas DL, et al. **J Cell Physiol** 1984 Nov;121(2):334-40

Changes in self-renewal potential of human leukemic cells (K562): a bidirectional stochastic process. von Mechner H, et al. **J Cell Physiol** 1985 May;123(2):249-56

Long-term marrow culture of cells from patients with acute myelogenous leukemia. Selection in favor of normal phenotypes in some but not all cases. Coulombel L, et al. **J Clin Invest** 1985 Mar;75(3):961-9

Pretreatment of cytokinetics in acute myelogenous leukemia. Age-related prognostic implications. Kantarjian HM, et al. **J Clin Invest** 1985 Jul;76(1):319-24

Heterogeneity of clonogenic cells in acute myeloblastic leukemia. Sabbath KD, et al. **J Clin Invest** 1985 Feb; 75(2):746-53

A characteristic pattern of leukemic cell differentiation without cytoreduction during remission induction in acute promyelocytic leukemia. Kantarjian HM, et al. **J Clin Oncol** 1985 Jun;3(6):793-8

Bone marrow fibre content in acute myeloid leukaemia before and after treatment. Islam A, et al. **J Clin Pathol** 1984 Nov; 37(11):1259-63

Biological activity of vitamin D3 derivatives in inducing differentiation of HL-60 human promyelocytic leukemia cells. Yoshida M, et al. **J Pharmacobiodyn** 1984 Dec; 7(12):962-8

Recombinant gamma-interferon and lipopolysaccharide enhance 1,25-dihydroxyvitamin D3-induced cell differentiation in human promyelocytic leukemia (HL-60) cells. Murao SI, et al. **Jpn J Cancer Res** 1985 Jul; 76(7):596-602

Variable persistence of leukemic progenitor cells in long-term CML and AML marrow cultures. Coulombel L, et al. **KROC Found Ser** 1984;18:243-54

Bone marrow stromal deficiency in acute myeloid leukemia in mice. Ben-Ishay Z, et al. **Leuk Res** 1984;8(6):1057-64

Granulocyte functions during maturation of human promyelocytic leukemia cells. Chaplinski TJ, et al. **Leuk Res** 1985;9(7):897-903

Cell kinetic studies after high dose Ara-C and adriamycin treatment in a slowly growing rat leukemia model (BNML) for human acute myelocytic leukemia. Colly LP, et al. **Leuk Res** 1984;8(6):945-52

Enhanced tumor load reduction after chemotherapy induced recruitment and synchronization in a slowly growing rat leukemia model (BNML) for human acute myelocytic leukemia. Colly LP, et al. **Leuk Res** 1984;8(6):953-63

Differentiation of human acute myeloid leukaemia cells in response to exogenous and endogenous stimuli: different patterns of response suggested by a bioassay system. Guimaraes JE, et al. **Leuk Res** 1985;9(7):869-78

Study of differentiation of fresh myelogenous leukemic cells by compounds that induce a human promyelocytic leukemic line (HL-60) to differentiate. Koeffler HP, et al. **Leuk Res** 1985;9(1):73-81

Monocytic differentiation induced by 1,25 dihydroxyvitamin D3 in myeloid cells: an ultrastructural immunocytochemical study. Polli N, et al. **Leuk Res** 1985; 9(2):259-70

Control of cell differentiation during proliferation. II. Myeloid differentiation and cell cycle arrest of HL-60 promyelocytes preceded by nuclear structural changes. Yen A, et al. **Leuk Res** 1985;9(1):51-71

Caruncular involvement in myelomonocytic leukemia: a case report. Mansour AM, et al. **Med Pediatr Oncol** 1985; 13(1):46-7

Classification of the acute leukemias. McKenna RW. **Minn Med** 1984 Sep;67(9):487-90

Effect of neplanocin A on differentiation, nucleic acid methylation, and c-myc mRNA expression in human promyelocytic leukemia cells. Linevsky J, et al. **Mol Pharmacol** 1985 Jul;28(1):45-50

A case of chronic myelocytic leukemia in myeloblastic crisis with eosinophilia after splenic irradiation. Mimura K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):55-63

Spontaneous remission in acute nonlymphocytic leukemia. Raza A, et al. **NY State J Med** 1985 Jun;85(6):269-70

Orbital granulocytic sarcoma as a presenting sign in acute myelogenous leukemia. Rajantie J, et al. **Ophthalmologica** 1984;189(3):158-61

Autopsy and clinical findings in acute leukemia and chronic myeloproliferative diseases--an evaluation of 104 patients. Thiele J, et al. **Pathol Res Pract** 1985 Jan;179(3):328-36

Differentiation of a human leukemia cell line and expression of collagenase inhibitor. Bar-Shavit Z, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5380-4

Diacylglycerols mimic phorbol diester induction of leukemic cell differentiation. Ebeling JG, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):815-9

Differentiation of normal marrow and HL60 cells induced by antithymocyte globulin. Hunter RF, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4823-7

A system for monocytic differentiation of leukemic cells HL 60 by a short exposure to 1,25-dihydroxycholecalciferol. Studzinski GP, et al. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):288-95

Effect of fractionation and rate of radiation dose on human leukemic cells, HL-60. Rhee JG, et al. **Radiat Res** 1985 Mar;101(3):519-27

Experimental approaches to drug testing and clonogenic growth: results in multiple myeloma and acute myelogenous leukemia. Durie BG. **Recent Results Cancer Res** 1984;94:93-101

Experimental approaches to outcome prediction in acute myeloblastic leukemia. McCulloch EA. **Recent Results Cancer Res** 1984;94:76-92

Coordinated changes in potassium fluxes as early events in the differentiation of the human promyelocyte line HL-60. Gargus JJ, et al. **Soc Gen Physiol Ser** 1985;39:179-91

Myeloid and erythroid stem cells: regulation in normal and neoplastic states. Moore MA, et al. **Symp Fundam Cancer Res** 1984;37:147-58

Regulatory proteins for growth and differentiation in normal and leukemic hematopoietic cells: normal differentiation and the uncoupling of controls in myeloid leukemia. Sachs L. **Symp Fundam Cancer Res** 1984;37:341-60 (95 ref.)

Cytokinetic studies in acute leukemia during early induction therapy. Traversi E, et al. **Tumori** 1985 Feb 28;71(1):69-74

[Establishment and observation on the S7811 cell line from a patient with acute myelomonocytic leukemia] Xu HZ. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):406–8 (Eng. Abstr.) **(Chi)**

[Clinical analysis of 14 cases of acute myeloblastic leukemia complicated with myeloblastoma] Shan YD. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):223–5 (Eng. Abstr.) **(Chi)**

[Differentiation of human promyelocytic leukemia (HL–60) cells induced by new synthetic retinoids 4–(ethoxycarbophenyl) retinamide and 4–(hydroxycarbophenyl) retinamide] Song ZP, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):576–81 (Eng. Abstr.) **(Chi)**

[Isolated diffuse chloroleukemic infiltration of the uterus in an old woman] Jedličková J, et al. **Vnitr Lek** 1984 Oct; 30(10):1027–31 (Eng. Abstr.) **(Cze)**

[Flow cytometric dual–parameter analysis of human leukemic cells using monoclonal anti–BrdUrd antibody] Sasaki K, et al. **Gan No Rinsho** 1985 May;31(5):549–51 (Eng. Abstr.) **(Jpn)**

[The properties of autostimulatory growth factors for the colony formation of HL–60 in serum free culture] Kaneshima K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):742–9 (Eng. Abstr.) **(Jpn)**

[A case of acute myelocytic leukemia in remission presenting bone marrow metastasis of gastric cancer] Kuwahara Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1675–9 **(Jpn)**

[A case of polycythemia vera with myocardial infarction transformed to acute myelogenous leukemia accompanied with gas gangrene] Shio H, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):1022–7 **(Jpn)**

[Tumor formation in the spinal cord and genital organs in hematological remission in a patient with acute non–lymphocytic leukemia] Horikoshi H, et al. **Rinsho Ketsueki** 1985 Mar;26(3):436–41 (Eng. Abstr.) **(Jpn)**

[A case of acute leukemia that showed differentiation stage of myelocyte] Irimajiri K, et al. **Rinsho Ketsueki** 1984 Aug; 25(8):1284–9 (Eng. Abstr.) **(Jpn)**

[A case of acute myelogenous leukemia with megakaryocytosis––identified by platelet peroxidase] Kato K, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1825–30 (Eng. Abstr.) **(Jpn)**

[A case of acute myelocytic leukemia complicated with intracerebral leukemic tumor] Konda T, et al. **Rinsho Ketsueki** 1985 Feb;26(2):206–11 (Eng. Abstr.) **(Jpn)**

[Acute leukemia with different cytochemical findings in bone marrow and lymph node] Omori I, et al. **Rinsho Ketsueki** 1985 Feb;26(2):201–5 (Eng. Abstr.) **(Jpn)**

[Recurrence of acute myeloid leukemia after 13 years of complete remission] Shimada H, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1306–12 (Eng. Abstr.) **(Jpn)**

[2 cases of primary acquired sideroblastic anemia with chromosome abnormalities terminated in acute myeloblastic leukemia] Yamao H, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1127–32 (Eng. Abstr.) **(Jpn)**

[Leukemia and other neoplasms in patients with multiple myeloma] Kraj M, et al. **Nowotwory** 1985 Jan–Mar; 35(1):64–73 (Eng. Abstr.) **(Pol)**

[Acute neonatal type M4 (myelomonocytic) leukemia associated with a heart malformation and a supernumerary spleen] Tîrnoveanu G, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1984 Jul–Sep; 33(3):263–78 (Eng. Abstr.) **(Rum)**

[A case of acute leukemia with lympho– and myeloblastic blast cell characteristics] Tupitsyn NN, et al. **Gematol Transfuziol** 1984 Aug;29(8):49–54 **(Rus)**

[Hand–mirror cell variant of acute leukemia (case report and a review of the literature)] Popović SL, et al. **Med Pregl** 1984;37(9–10):409–11 (Eng. Abstr.) **(Ser)**

[Metastasis of breast cancer and secondary acute myeloblastic leukosis. Simultaneous bone marrow infiltration] Muñiz–Díaz E, et al. **Med Clin (Barc)** 1985 Feb 9; 84(5):195–8 (Eng. Abstr.) **(Spa)**

[Analysis of the effect of cellular morphology on obtaining a complete remission in 99 cases of acute leukemia] Rios A, et al. **Sangre (Barc)** 1984;29(3):273–9 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Development of membrane–potential responsiveness by myeloid leukemia cells during neutrophilic differentiation. Brown GE, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):937–43

Marrow culture studies in adult acute myeloid leukemia at diagnosis and during complete remission. Shih LY, et al. **Blut** 1985 Apr;50(4):225–32

Human myeloid leukemic cell (HL–60) autostimulator: relationship to colony–stimulating factor. Perkins SL, et al. **Cancer Res** 1984 Nov;44(11):5169–75

Role of transferrin, Fe, and transferrin receptors in myeloid leukemia cell growth. Studies with an antitransferrin receptor monoclonal antibody. Taetle R, et al. **J Clin Invest** 1985 Mar;75(3):1061–7

Human leukemic models of myelomonocytic development: a review of the HL–60 and U937 cell lines. Harris P, et al. **J Leukocyte Biol** 1985 Apr;37(4):407–22

[Granulocytic sarcoma (chloroma): spinal cord compression and testicular involvement] Carneiro PC, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep–Oct; 39(5):248–50 (Eng. Abstr.) **(Por)**

RADIOGRAPHY

Myelographic demonstration of 'nodular radiculopathy' in acute myelogenous leukemia. Mirvis S, et al. **AJNR** 1984 Sep–Oct;5(5):641–3

Unusual central nervous system infiltration in a patient with acute myeloid leukaemia. Tinegate HN, et al. **Clin Lab Haematol** 1984;6(4):387–91

RADIONUCLIDE IMAGING

Positive 111In–granulocyte scintigraphy in a patient with focal leukemic blast cell infiltrations. Syrjälä M, et al. **Eur J Nucl Med** 1985;10(11–12):557–9

RADIOTHERAPY

Improved treatment results in childhood acute myelogenous leukemia: an update of the German cooperative study AML–BFM–78. Ritter J, et al. **Hamatol Bluttransfus** 1985; 29:82–3

Research radiography in bone marrow transplantation. Westbrook C. **Radiography** 1984 Nov–Dec;50(594):285–7

SURGERY

Bone marrow transplantation for acute leukemia in second or subsequent remission. Ostendorf P, et al. **Klin Wochenschr** 1984 Nov 15;62(22):1081–5

[Eye changes following bone marrow transplantation] Nonnenmacher A, et al. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):34–5 (Eng. Abstr.) **(Ger)**

THERAPY

Transplant of rhesus–positive bone marrow in a rhesus–negative woman having anti–rhesus D alloantibodies. Rigal D, et al. **Acta Haematol (Basel)** 1985; 73(3):153–6

Treatment of acute myelogenous leukemia. A prospective controlled trial of bone marrow transplantation versus consolidation chemotherapy. Champlin RE, et al. **Ann Intern Med** 1985 Mar;102(3):285–91

Progress in acute myelogenous leukemia. Gale RP. **Ann Intern Med** 1984 Nov;101(5):702–5

Distinctive acral erythema occurring during therapy for severe myelogenous leukemia. Levine LE, et al. **Arch Dermatol** 1985 Jan;121(1):102–4

Cyclosporin–associated mania [letter] Wamboldt FW, et al. **Biol Psychiatry** 1984 Jul;19(7):1161–2

Acute promyelocytic leukemia in 57 previously untreated patients. Cordonnier C, et al. **Cancer** 1985 Jan 1;55(1):18–25

Transplantation of non–purified autologous bone marrow in patients with AML in first remission. Löwenberg B, et al. **Cancer** 1984 Dec 15;54(12):2840–3

Chromosome changes and splenectomy in Ph1–positive chronic myeloid leukemia. I. Predictive parameters in the blastic phase. Sadamori N, et al. **Cancer** 1984 Dec 1; 54(11):2456–9

A randomized trial of chemoimmunotherapy of acute nonlymphocytic leukemia in adults using a protein–bound polysaccharide preparation. Ohno R, et al. **Cancer Immunol Immunother** 1984;18(3):149–54

Mathematical model of remission duration in acute myelogenous leukemia. Birkhead BG. **Cancer Treat Rep** 1985 Jun;69(6):595–601

Bronchiolitis obliterans complicating bone marrow transplantation. Ostrow D, et al. **Chest** 1985 Jun; 87(6):828–30

Rapid detection of venous air embolism by mass spectrometry during bone marrow harvesting. Mangan KF, et al. **Exp Hematol** 1985 Aug;13(7):639–40

Cooperative randomized studies on the treatment of adult acute leukemia in Poland. A comparison of two remission induction regimes and two maintenance regimes for AML. Hołowiecki J, et al. **Folia Haematol (Leipz)** 1984; 111(2):201–7

Acute myeloid leukemia in childhood: 12 years experience of treatment in Hungary. Révész T, et al. **Haematologia (Budap)** 1985;18(1):13–21

Bone marrow transplantation for acute leukemia. Blume KG, et al. **Hamatol Bluttransfus** 1985;29:39–41

Origin of leukemic relapse after bone marrow transplantation detected by restriction fragment length polymorphism. Minden MD, et al. **J Clin Invest** 1985 Jan;75(1):91–3

Bone marrow transplantation strategies in acute leukaemia [letter] **Lancet** 1984 Dec 15;2(8416):1400–1

Transplantation of unpurged autologous bone–marrow in acute myeloid leukaemia in first remission. Burnett AK, et al. **Lancet** 1984 Nov 10;2(8411):1068–70

Disturbance of blood–brain barrier after bone–marrow transplantation [letter] Sloane JP, et al. **Lancet** 1985 Aug 3;2(8449):280–1

Cryopreserved autologous bone marrow infusion following high dose chemotherapy in patients with acute myeloblastic leukemia in first relapse. Meloni G, et al. **Leuk Res** 1985; 9(3):407–12

The in vivo distribution of indium–111 labeled in vitro alloactivated syngeneic lymphocytes in a patient with relapsed acute myelomonocytic leukemia: implications for adoptive chemoimmunotherapy. Sondel PM, et al. **Leuk Res** 1984;8(5):893–903

Acute leukaemia treatment results: Wellington Hospital 1971–73, 1981–83. Carter JM, et al. **NZ Med J** 1985 Mar 27;98(775):194–5

Immunotherapy with allogeneic neuraminidase–treated blasts for maintenance in acute myelogenous leukemia (AML). Significant prolongation of remission duration in patients receiving at least 3 cycles of therapy. Urbanitz D, et al. **Onkologie** 1985 Jun;8(3):157–9

High–dose cytarabine in consolidation chemotherapy or with bone marrow transplantation for patients with acute leukemia: preliminary results. Champlin R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):190–5

The combined use of cytosine arabinoside, cyclophosphamide, and total body irradiation as preparative regimen for bone marrow transplantation in patients with AML and CML. Messner HA, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):187–9

Treatment of Ph' chromosome–positive leukemia in acute or accelerated phase by marrow transplantation. Biggs J, et al. **Transplant Proc** 1985 Apr;17(2):1707–8

Treatment of acute graft–versus–host disease with monoclonal antibody OKT3. Clinical results and effect on circulating T lymphocytes. Gratama JW, et al. **Transplantation** 1984 Nov;38(5):469–74

Lethal cardiac and cerebral toxoplasmosis in a patient with acute myeloid leukemia after successful allogeneic bone marrow transplantation. Jehn U, et al. **Transplantation** 1984 Oct;38(4):430–3

Chimerism in skin of bone marrow transplant recipients. Thomas JA, et al. **Transplantation** 1984 Nov;38(5):475–6

[Improving prognosis in childhood leukemia] Rajantie J, et al. **Duodecim** 1985;101(5):491–7 **(Fin)**

[Is acute leukemia in adults curable today?] König HJ. **Fortschr Med** 1985 Apr 25;103(16):413–6 (Eng. Abstr.) **(Ger)**

[Fractionated homogeneous whole body irradiation prior to bone marrow transplantation] Dühmke E, et al. **Strahlentherapie** 1985 Mar;161(3):134–9 (Eng. Abstr.) **(Ger)**

[Granulocyte transfusion in patients with acute myeloid leukemia subjected to induction chemotherapy: prophylaxis or therapy?] Alessandrino EP, et al. **Riv Emoter Immunoematol** 1984;31(1):49–57 (Eng. Abstr.) **(Ita)**

[Bone marrow transplantation––problems and recent research trends] Ohno R. **Nippon Rinsho** 1985 Jan;43(1):92–6 **(Jpn)**

[Total body irradiation and bone marrow transplantation (Part I)] **Rinsho Hoshasen** 1985 May;30(5):603–4 **(Jpn)**

[Current state of the problem of treatment of acute leukemia] Kovaleva LG. **Gematol Transfuziol** 1985 Apr;30(4):3–8 **(Rus)**

ULTRASTRUCTURE

Biphenotypic leukaemia: a case of mixed T lymphoblastic and myeloblastic leukaemia. Morgan MA, et al. **J Clin Pathol** 1985 May;38(5):575–81

Ultrastructural peroxidase cytochemistry of three established human myelogenous leukemia cell lines, HL–60, KG–1 and ML–2. Himori T, et al. **Leuk Res** 1985;9(7):913–9

[Ultrastructure of blast cells in patients with myeloblastic, monoblastic and myelomonoblastic leukemia] Golovin AV, et al. **Ter Arkh** 1985;57(5):101–4 (Eng. Abstr.) **(Rus)**

URINE

Circulating and urinary cAMP levels in chronic and acute myeloid leukemia. Singh RP, et al. **Indian J Cancer** 1984 Sep–Oct;21(4):122–5

VETERINARY

Intravascular leukostasis in a horse with myelomonocytic leukemia. Boudreaux MK, et al. **Vet Pathol** 1984 Sep; 21(5):544–6

LEUKEMIA, MYELOCYTIC

Chronic myeloid leukaemia in Singapore: a case study of 56 patients. Ng HW. **Ann Acad Med Singapore** 1984 Jul; 13(3):468–72

Chronic myelogenous leukemia: recent advances. Champlin RE, et al. **Blood** 1985 May;65(5):1039–47 (132 ref.)

[Value of indirect determination of leukemic infiltration of the liver based on clinical findings and findings in the bone marrow and peripheral blood in patients with chronic leukemia] Todorović M, et al. **Lijec Vjesn** 1984 Nov–Dec; 106(11–12):452–5 (Eng. Abstr.) **(Ser)**

ANALYSIS

Biochemical fractionation of conditioned media containing factors which support in vitro proliferation of high proliferation potential colony forming cells. Baines P, et al. **Biomed Pharmacother** 1985;39(2):83–7

Increased glucocorticoid receptor concentration in macrophage differentiation of myeloid leukemia cells with 12–O–tetradecanoylphorbol–13–acetate. Hirai H, et al. **Cancer Res** 1985 Jun;45(6):2456–61

Changes in cell surface glycoproteins and antigens during differentiation of the human myeloid leukemia cell lines ML–1, ML–2, and HL–60. Stöckbauer P, et al. **Cancer Res** 1985 Jun;45(6):2821–6

A monovalent cation-sensitive actin-binding factor in a myeloid leukemia cell line. Nagata K, et al. **Cell Struct Funct** 1985 Jun;10(2):105-20

Human tumor necrosis factor. Production, purification, and characterization. Aggarwal BB, et al. **J Biol Chem** 1985 Feb 25;260(4):2345-54

BLOOD

Plasma histamine and serum pepsinogen I concentrations in chronic myelogenous leukaemia. Välimäki M, et al. **Acta Med Scand** 1985;217(1):89-93

Blast crisis of chronic granulocytic leukemia with mast cell and basophilic precursors. Soler J, et al. **Am J Clin Pathol** 1985 Feb;83(2):254-9

Philadelphia-chromosome-negative chronic myelogenous leukemia with lymphoid stem cell blastic transformation. Kessler JF, et al. **Am J Hematol** 1985 Feb;18(2):201-6

Plasma membranes from normal and chronic myeloid leukemic granulocytes: isolation and two-dimensional polyacrylamide gel electrophoretic analysis. Zingde SM, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):333-42

Quantitative cytochemistry of blood neutrophils in myelodysplastic syndromes and chronic granulocytic leukaemia. Schofield KP, et al. **Cell Biochem Funct** 1983 Jul;1(2):92-6

Merocyanine 540 recognizes membrane abnormalities of erythrocytes in chronic myelogenous leukemia. Reed JA, et al. **Cell Biol Int Rep** 1985 Jan;9(1):43-9

Glycosphingolipids of the globo-series are associated with the monocytic lineage of human myeloid cells. Kniep B, et al. **Eur J Biochem** 1985 May 15;149(1):187-91

Increased T-lymphocyte numbers in chronic granulocytic leukemia before treatment. Dowding C, et al. **Exp Hematol** 1984 Nov;12(10):811-15

Activity of cyclic nucleotide phosphodiesterases in granulocytes of chronic myelogenous leukemia (CML). A preliminary report. Naskalski JW, et al. **Folia Haematol (Leipz)** 1985;112(1):134-40

Down-regulation of peripheral blood cell interferon receptors in chronic myelogenous leukemia patients undergoing human interferon (HuIFN alpha) therapy. Maxwell BL, et al. **Int J Cancer** 1985 Jul 15;36(1):23-8

Platelet function in leukaemias. Tiwari NN, et al. **J Assoc Physicians India** 1984 Sep;32(9):805-7

Direct analysis of differentiation proteins in normal and leukemic human granulocytes by high-performance liquid chromatography. Evans WH, et al. **JNCI** 1985 Aug;75(2):227-35

Defective chemotaxis and adherence in granulocytes from chronic myeloid leukemia (CML) patients. Anklesaria PN, et al. **Leuk Res** 1985;9(5):641-8

Effects of 1-beta-D-arabinofuranosylcytosine and phorbol ester on differentiation of human K562 erythroleukemia cells. Watanabe T, et al. **Mol Pharmacol** 1985 Jun;27(6):683-8

Cyclic oscillations of blood cells and serum biochemical data in a patient with chronic myeloid leukemia. Hamajima N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1293-301

Abnormal negative feedback control of granulopoiesis in patients with chronic myelogenous leukemia. Sanada M. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):950-7

Evaluation of neutrophil alkaline phosphatase (NAP) activity: untreated myeloid leukaemia, lymphoid leukaemia and normal humans. Bendix-Hansen K, et al. **Scand J Haematol** 1985 Mar;34(3):264-9

Megakaryoblastic transformation of chronic myelogenous leukaemia in a child. Hanada T, et al. **Scand J Haematol** 1984 Nov;33(5):476-81

Expression of red cell antigens by K562 human leukemia cells before and after induction of hemoglobin synthesis by hemin. McGinniss MH, et al. **Transfusion** 1985 Mar-Apr;25(2):105-9

[Essential thrombocythemia followed by chronic myelocytic leukemia (letter)] Sainty D, et al. **Presse Med** 1984 Sep 29;13(33):2022 **(Fre)**

[Abnormal hemopoiesis in juvenile chronic myelogenous leukemia: phagocytic cell-dependent endogenous colony formation by peripheral blood and bone marrow cells] Koike K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):750-5 (Eng. Abstr.) **(Jpn)**

[Circulating and bone marrow CFU-C in chronic myelocytic leukemia] Umeda M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1082-90 (Eng. Abstr.) **(Jpn)**

[An autopsy case of chronic myelomonocytic leukemia after a long-term follow-up] Kawano F, et al. **Rinsho Ketsueki** 1985 Feb;26(2):223-8 (Eng. Abstr.) **(Jpn)**

[A case of juvenile chronic myelocytic leukemia with prominent erythroblastosis--studies on erythropoietin-dependent erythropoiesis] Kojima S, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1473-8 (Eng. Abstr.) **(Jpn)**

[Decreases in plasma antithrombin III, fibrinogen, factor IX, X and XI, fibronectin and thyroxine binding globulin during therapy with L-asparaginase, vincristine and prednisolone in a patient with CML blastic crisis] Nishino H, et al. **Rinsho Ketsueki** 1984 Jun;25(6):882-7 (Eng. Abstr.) **(Jpn)**

[Heterogeneity of granulocyte chemiluminescence in chronic myeloid leukemia] Ohnishi M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1402-7 (Eng. Abstr.) **(Jpn)**

[Interphase chromatin of the peripheral blood cells of patients with a chronic form of myeloid leukemia (Ph+)] Iudina IE, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):589-91 (Eng. Abstr.) **(Rus)**

[Differentiation of human leukemia K-562 cells in diffusion chambers] Baranovskiĭ MA, et al. **Eksp Onkol** 1985;7(2):55-6 (Eng. Abstr.) **(Rus)**

[Characteristics of the G1-fraction of proliferative granulocytes in patients with myelocytic leukemia] Petukhov VI, et al. **Ter Arkh** 1984;56(7):108-15 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Increased leucocyte alkaline phosphatase and transcobalamin III in chronic myeloid leukaemia associated with lithium therapy. Moreb J, et al. **Scand J Haematol** 1985 Mar;34(3):238-41

[Induction of monocytic-myelocytic mixed cell leukemias after the application of the neuroleptic haloperidol in mice] Fey F, et al. **Folia Haematol (Leipz)** 1984;111(2):162-8 **(Ger)**

CLASSIFICATION

Histological classification of chronic granulocytic leukaemia. Knox WF, et al. **Clin Lab Haematol** 1984;6(2):171-5

[Therapeutic approach to the terminal phase chronic myelogenous leukemia (CML) based on clinical types] Yokomaku S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1464-71 (Eng. Abstr.) **(Jpn)**

[Atypical and controversial forms of chronic myeloid leukemia] Rodriguez Fernández JM, et al. **Sangre (Barc)** 1984;29(4-B):629-44 (102 ref.) **(Spa)**

COMPLICATIONS

Acute myelomonocytic leukemia (M-4 subtype) with abnormal marrow eosinophilia and a normal chromosome 16. Stark EW, et al. **Am J Clin Pathol** 1985 Oct;84(4):551-4

Vasculitic leg ulcers in chronic myelogenous leukemia. Stahl RL, et al. **Am J Med** 1985 May;78(5):869-72

Pulmonary cavitation and massive hemoptysis in invasive pulmonary aspergillosis. Influence of bone marrow recovery in patients with acute leukemia. Albelda SM, et al. **Am Rev Respir Dis** 1985 Jan;131(1):115-20

Pernio. A possible association with chronic myelomonocytic leukemia. Kelly JW, et al. **Arch Dermatol** 1985 Aug;121(8):1048-52

Cutaneous xanthomas associated with chronic myelomonocytic leukemia. Vail JT Jr, et al. **Arch Dermatol** 1985 Oct;121(10):1318-20

Nonclonal hemopoietic progenitor cells detected in long-term marrow cultures from a Turner syndrome mosaic with chronic myeloid leukemia. Dubé ID, et al. **Blood** 1984 Dec;64(6):1284-7

Chronic subdural haematoma: possible association with chronic granulocytic leukaemia in lymphoid transformation. Mehta AB, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):108

Chronic myeloid leukemia associated with impairment of hearing. Williams CK, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1705

Case report of vasopressin-responsive diabetes insipidus associated with chronic myelogenous leukemia. Juan D, et al. **Cancer** 1985 Sep 15;56(6):1468-9

Candida rugosa in immunocompromised infection. Case reports, drug susceptibility, and review of the literature. Sugar AM, et al. **Cancer** 1985 Jul 15;56(2):318-20

Myelofibrosis and megakaryoblastic transformation of chronic myelogenous leukemia associated with intrinsic platelet dysfunction: hematological, histological and ultrastructural findings. Cortelazzo S, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):671-81

Refractory anaemia terminating in a combined lymphoproliferative and myeloproliferative disorder. Camba L, et al. **J Clin Pathol** 1985 Mar;38(3):297-300

Immune abnormalities in myelodysplastic syndromes. Economopoulos T, et al. **J Clin Pathol** 1985 Aug;38(8):908-11

Priapism complicating chronic myeloid leukaemia and its management. Saikia T, et al. **J Indian Med Assoc** 1984 Aug;82(8):294-6

Solitary cecal ulcer due to cytomegalovirus in a leukemic patient. Rosen-Levin EM, et al. **Mt Sinai J Med (NY)** 1985 Feb;52(2):139-41

Hypercalcemia in chronic myelogenous leukemia: evidence for excessive parathyroid hormone secretion. Molho P, et al. **Nouv Rev Fr Hematol** 1985;27(3):189-92

Chronic myelocytic leukemia as a secondary malignant condition in a patient receiving prolonged chemotherapy for ovarian carcinoma. Markman M. **West J Med** 1985 Aug;143(2):243

[Proliferative retinopathy and chronic myeloid leukemia] Jouhaud F, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):303-4 (Eng. Abstr.) **(Fre)**

[Alveolar proteinosis associated with chronic myelocytic leukemia (letter)] Tourani JM, et al. **Presse Med** 1984 Sep 29;13(33):2019-20 **(Fre)**

[Rheumatoid polyarthritis, Gougerot-Sjögren syndrome and chronic myeloid leukemia. Apropos of 2 cases] Job-Deslandre C, et al. **Rev Rhum Mal Osteoartic** 1985 Apr;52(4):247-9 (Eng. Abstr.) **(Fre)**

[Chronic myelomonocytic leukemia with aspergillosis and mucormycosis--a case report] Terada H, et al. **Nippon Rinsho** 1984 Apr;42(4):921-30 **(Jpn)**

[Pathogenesis and therapy of peptic ulcer associated with chronic myelocytic leukemia] Mitsutani S. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1652 **(Jpn)**

[A case of chronic myeloid leukemia with elective splenectomy in the chronic phase and hepatic insufficiency due to leukemic cell infiltration in blast crisis] Fukuda M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):417-22 (Eng. Abstr.) **(Jpn)**

[A pediatric case of chronic myelogenous leukemia of an adult type characterized by meningeal leukemia as a manifestation of blastic transformation followed by renal tubular acidosis] Funabiki T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):399-404 (Eng. Abstr.) **(Jpn)**

[Anemia with chronic myelocytic leukemia] Uchida T, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1073-6 (Eng. Abstr.) **(Jpn)**

[Granulocytic sarcoma (chloroma): spinal cord compression and testicular involvement] Carneiro PC, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct;39(5):248-50 (Eng. Abstr.) **(Por)**

[A case of development of neuroleukemia in the beginning of the terminal stage of chronic myeloleukosis] Baĭdurin SA, et al. **Ter Arkh** 1984;56(8):144-5 **(Rus)**

[Hepatic aspergillosis as a complication of acute leukemia] Loutayf Ranea JJ, et al. **Rev Clin Esp** 1985 Apr;176(7):367-9 (Eng. Abstr.) **(Spa)**

CONGENITAL

Congenital leukemia (a case report). Shah MD, et al. **J Postgrad Med** 1984 Oct;30(4):247-9

DIAGNOSIS

Cytologic diagnosis of myeloid sarcoma. Singh T, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):496-7

Reduction in the stearic to oleic acid ratio in leukaemic cells--a possible chemical marker of malignancy. Apostolov K, et al. **Blut** 1985 Jun;50(6):349-54

Acute myelomonocytic leukemia. Demonstration of pulmonary involvement by bronchoalveolar lavage. Rossi GA, et al. **Chest** 1985 Feb;87(2):259-60

Leukemia cutis mimicking stasis dermatitis. Butler DF, et al. **Cutis** 1985 Jan;35(1):47-8

The value of bone marrow biopsy in chronic myeloid leukaemia. Seewann HL, et al. **Haematologia (Budap)** 1983;16(1-4):67-72

Chloroma of the urinary bladder: sonographic findings. McLeod AJ, et al. **JCU** 1984 Sep;12(7):434-5

Contribution of immunophenotype to the classification and differential diagnosis of acute leukaemia. Chan LC, et al. **Lancet** 1985 Mar 2;1(8427):475-9

Distinction between normal and leukemic bone marrow by water protons nuclear magnetic resonance relaxation times. Shah S, et al. **Magn Reson Imaging** 1982;1(1):23-8

Chronic myelogenous leukemia presenting clinically as diabetes insipidus. Ungaro PC, et al. **NC Med J** 1984 Oct;45(10):640-1

Mandibular myelosarcoma (chloroma): primary oral manifestation of promyelocytic leukemia. Reichart PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):424-7

Myeloproliferative syndrome in childhood. Penchansky L, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):311-8

[Adult form of chronic myelogenous leukemia in childhood--a retrospective analysis of 20 patients] Creutzig U, et al. **Klin Padiatr** 1985 May-Jun;197(3):203-6 (Eng. Abstr.) **(Ger)**

[Basophilic myelocytic leukemia] Gola A, et al. **Pol Arch Med Wewn** 1985 Jan;73(1):45-8 (Eng. Abstr.) **(Pol)**

[Clinical features of cytologic variants and subvariants of acute myeloid leukemia in children] Borodina TM. **Pediatriia** 1984 Oct;(10):66-7 **(Rus)**

[Chronic myelomonocytic leukemia. Analysis of 21 cases] Ribera JM, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):344-8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Lack of relationship between in vitro cell measurements and response to busulfan in chronic myelocytic leukemia. Kirshner J, et al. **Am J Hematol** 1985 Feb;18(2):191-200

Low dose cytosine arabinoside in acute myeloid leukemia: remission is not due to differentiation induction. Pinkerton PH, et al. **Am J Hematol** 1985 Aug;19(4):415-7

In vitro restoration of polyclonal hematopoiesis in a chronic myelogenous leukemia after in vitro treatment with 4-hydroperoxycyclophosphamide. Degliantoni G, et al. **Blood** 1985 Mar;65(3):753-7

Prolonged survival in chronic granulocytic leukaemia after busulphan induced hypoplasia and karyotype conversion [letter] Bennett M, et al. **Br J Haematol** 1985 Apr;59(4):738-40

Treatment of CML blast crisis with low dose ARA-C [letter] di Raimondo F, et al. **Br J Haematol** 1985 Aug;60(4):773-4

The blast crisis of chronic granulocytic leukaemia: a new approach to treatment. Schey SA, et al. **Br J Haematol** 1985 Jan;59(1):190-2

Low dose cytosine arabinoside (Ara C) in myelodysplastic syndromes. Tricot G, et al. **Br J Haematol** 1984 Oct;

58(2):231-40

Hepatic dysfunction and jaundice following high-dose cytosine arabinoside. George CB, et al. **Cancer** 1984 Dec 1;54(11):2360-2

Modulation of the activity of PALA by dipyridamole. Chan TC, et al. **Cancer Treat Rep** 1985 Apr;69(4):425-30

Treatment of chronic myeloid leukemia blast crisis with vindesine and prednisone. Jehn U, et al. **Cancer Treat Rep** 1985 Apr;69(4):445-8

Vindesine-prednisone in the treatment of blast crisis of chronic myeloid leukemia. Lemoine F, et al. **Cancer Treat Rep** 1985 Feb;69(2):203-4

Therapy for chronic myelogenous leukemia in blast crisis with etoposide and 5-azacitidine administered by continuous infusion: a Cancer and Leukemia group B Study. Schiffer CA, et al. **Cancer Treat Rep** 1985 Sep; 69(9):1027-8

Effect of 4-demethoxydaunorubicin (4-DMDR) in chronic myeloid leukemia in blastic transformation and relapsed acute leukemias. Bandini G, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):155-9

13-cis-Retinoic acid does not increase the true remission rate and the duration of true remission (induced by cytotoxic chemotherapy) in patients with chronic phase chronic myelogenous leukemia. Arlin ZA, et al. **J Clin Oncol** 1985 Apr;3(4):473-6

Intensive combination chemotherapy (ROAP 10) and splenectomy in the management of chronic myelogenous leukemia. Kantarjian HM, et al. **J Clin Oncol** 1985 Feb; 3(2):192-200

Busulfan versus cyclophosphamide treatment in the early and late stages of granulocytic leukemia in guinea pigs. Evans WH, et al. **Leuk Res** 1984;8(6):1037-42

Screening for induction of differentiation and toxicity to blast cells by chemotherapeutic compounds in human myeloid leukemia. Lotem J, et al. **Leuk Res** 1985;9(2):249-58

Comparison of in vitro and in vivo effects of vincristine and vindesine on leukemic cells from patients with chronic granulocytic leukemia in blast crisis. Theodorakis ME, et al. **Leuk Res** 1984;8(6):1065-71

Mitoxantrone in the treatment of relapsed and refractory acute leukemia. Ehninger G, et al. **Onkologie** 1985 Jun; 8(3):146-8

In vitro and in vivo assessment of sensitivity to ara-C in myeloid leukemias. Raza A, et al. **Semin Oncol** 1985 Jun; 12(2 Suppl 3):9-19

Modulation of cytosine arabinoside (ara-C) and high-dose ara-C in acute leukemia. Zittoun R, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):139-43

[Long-term treatment of chronic myeloid leukemia by Chinese medicines alternating cyclically with myleran] Zhang ZN. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb; 5(2):80-2, 66 (Eng. Abstr.) **(Chi)**

[Phase II study of the treatment of CML blast crisis with vindesine and prednisone] Jehn U, et al. **Onkologie** 1984 Dec;7(6):342-5 (Eng. Abstr.) **(Ger)**

[Phase II study with methyl 6-[3-(2-chloroethyl)-3-nitrosoureido]-6-deoxy-alpha-D-(MCNU) in hematological malignancies] Higuchi A, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1253-9 (Eng. Abstr.) **(Jpn)**

[Randomized controlled study of methyl 6-[3-(2-chloroethyl)-3-nitrosoureido]-6-deoxy-alpha-D-(MCNU) in comparison with busulfan for chronic myelogenous leukemia] Masaoka T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1111-8 (Eng. Abstr.) **(Jpn)**

[Prolonged remission in a patient with chronic myelocytic leukemia (CML) by methyl 6-[3-(2-chloroethyl)-3-deoxy-alpha-D-glucopyranoside (MCNU)] Murase T, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2590-3 (Eng. Abstr.) **(Jpn)**

[A case report of chronic myelomonocytic leukemia--therapeutic effect of VP 16-213 and cytosine arabinoside] Meguro S, et al. **Rinsho Ketsueki** 1984 Sep; 25(9):1437-41 (Eng. Abstr.) **(Jpn)**

[Small doses of ARA-C in the treatment of myeloblastic leukemia and blast crisis of myelocytic leukemia] Górski J, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):167-70 (Eng. Abstr.) **(Pol)**

[15 years experience in treating chronic myeloleukemia patients at a polyclinic] Nevskaia TP. **Gematol Transfuziol** 1984 Nov;29(11):12-5 (Eng. Abstr.) **(Rus)**

[Value of the current methods of ambulatory treatment and occupational rehabilitation of patients with lymphocytic and myelocytic leukemia] Tretiak NN, et al. **Vrach Delo** 1985 Jun;(6):116-7 **(Rus)**

[Continual and periodic treatment of patients with chronic granulocytic leukemia] Colović M, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):487-93 (Eng. Abstr.) **(Scc)**

[Development of mucormycosis infection during therapy of chronic myeloid leukemia in the acute stage] Dasović-Knežević M, et al. **Med Pregl** 1984; 37(11-12):529-31 (Eng. Abstr.) **(Ser)**

[Chronic myeloid leukemia treated with busulfan. Clinical characteristics, prognostic factors, effect of treatment and survival in 82 cases] Larrain C, et al. **Rev Med Chil** 1984 Sep;112(9):898-911 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Changes in neutrophil alkaline phosphatase patterns in a case of chronic myelomonocytic leukemia. Vergnes HA, et al. **Acta Haematol (Basel)** 1985;73(3):168-72

Evidence for two isozymes of leukocyte alkaline phosphatase in leukemic leukocytes. Miller DM, et al. **Am J Hematol** 1985 Feb;18(2):159-69

Subcellular localization and properties of lipase activities in human polymorphonuclear leukocytes. Hack NJ, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):406-11

A biological marker model for predicting disease transitions. Klein JP, et al. **Biometrics** 1984 Dec;40(4):927-36

Translocation of phospholipid-sensitive Ca2+-dependent protein kinase and its substrate, Mr 38,000 protein, in chronic myelocytic and acute myelocytic leukemias. Sakurada K, et al. **Cancer Res** 1985 Feb;45(2):903-8

Changes in isoenzyme patterns expressed by the erythroleukemia cell lines K-562 and HEL after induction of differentiation. Drexler HG, et al. **Hamatol Bluttransfus** 1985;29:430-2

Decreased activity of acetyl-CoA carboxylase during chemically induced neutrophilic differentiation of human promyelocytic leukemia cells. Fischkoff SA, et al. **J Cell Biochem** 1984;26(2):75-81

Immunohistochemical demonstration of leucocyte elastase in human tissues. Crocker J, et al. **J Clin Pathol** 1984 Oct; 37(10):1114-8

Alkaline phosphatase activity improved by the addition of zinc in granulocytes from leukemic subjects (in vitro study). Chirulescu Z, et al. **Med Interne** 1984 Oct-Dec;22(4):293-6

Characterization of transglutaminases in normal and malignant human leukocytes. Berntorp E, et al. **Scand J Haematol** 1985 Jan;34(1):71-7

Expression of arylsulfatase B variant from leukocytes in chronic myelogenous leukemia related to chemotherapy. Uehara Y, et al. **Tohoku J Exp Med** 1985 Mar;145(3):311-9

[Hexosaminidase activity in cell lines, serum and urine of leukemia patients in childhood] Enslein J, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):219-24 (Eng. Abstr.) **(Ger)**

[Arylsulfatases A and B of chronic myelogenous leukemia leukocytes] Uehara Y. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1091-101 (Eng. Abstr.) **(Jpn)**

[Differentiation of human myeloid leukemia HL-60 cells and myeloperoxidase synthesis] Yamada M. **Seikagaku** 1984 Sep;56(9):1138-41 (27 ref.) **(Jpn)**

[Serum muramidase activity in chronic myeloid leukemia] Cervantes F, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):792-4 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Transformation of myeloma into Ph1-negative CML with plasma cell antigens. Paietta E, et al. **Am J Hematol** 1985 Jul;19(3):289-92

Acute granulocytic leukemia following systemic lupus erythematosus. Paolozzi FP, et al. **Am J Med Sci** 1985 Jul; 290(1):32-5

Acute leukemia in two patients with hemophilia. Altay C, et al. **Cancer** 1985 Feb 1;55(3):510-1

The induction by 224Ra of myeloid leukaemia and osteosarcoma in male CBA mice. Humphreys ER, et al. **Int J Radiat Biol** 1985 Mar;47(3):239-47

The induction of myeloid leukaemias by Rauscher murine leukaemia virus. de Both NJ, et al. **J Gen Virol** 1985 Apr; 66 (Pt 4):909-13

Chronic granulocytic leukaemia: a defect in cellular interactions between stromal and haemopoietic stem cells? Islam A. **Med Hypotheses** 1985 May;17(1):69-77 (64 ref.)

A case of chronic myelogenous leukemia following I131 therapy for metastatic thyroid carcinoma. Torng JK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):730-5

[Acute non-lymphatic leukemia after treatment of Hodgkin's lymphoma with chemotherapy and radiotherapy] Lira P, et al. **Rev Med Chil** 1984 Oct;112(10):1021-5 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Philadelphia chromosome-negative CML with eosinophils? [letter] Sherrod T, et al. **Am J Clin Pathol** 1984 Nov; 82(5):633

Enhanced expression of chromosome fragile site 10q25 in chronic myelogenous leukemia. Morgan R, et al. **Am J Med Genet** 1985 Jun;21(2):347-50

Variable breakpoints on the Philadelphia chromosome in chronic myelogenous leukemia. Leibowitz D, et al. **Blood** 1985 Jul;66(1):243-5

Preferentially expressed genes in chronic myelogenous leukemia. Mars WM, et al. **Blood** 1985 May;65(5):1218-25

Translocations (4p+; 6q-) and (12q-; Xp+) in blastic phase of a Ph1-positive chronic myeloid leukemia. Suciu S, et al. **Blut** 1984 Oct;49(4):325-30

'Masked' Ph1-chromosome in chronic myelogenous leukaemia (CML). Verma RS, et al. **Blut** 1985 Mar; 50(3):129-33

The molecular biology of chronic myelogenous leukaemia. Gale RP, et al. **Br J Haematol** 1985 Jul;60(3):395-408 (77 ref.)

Philadelphia chromosome-negative chronic myelogenous leukaemia: a morphological reassessment. Pugh WC, et al. **Br J Haematol** 1985 Jul;60(3):457-67

Promyelocytic blast crisis of chronic myelocytic leukemia with both t(9;22) and t(15;17) in M3 cells. Castaigne S, et al. **Cancer** 1984 Dec 1;54(11):2409-13

Cytogenetic and in vitro culture studies on chronic myelomonocytic leukemia. Ohyashiki K, et al. **Cancer** 1984 Dec 1;54(11):2468-74

Chromosome changes and splenectomy in Ph1-positive chronic myeloid leukemia. I. Predictive parameters in the blastic phase. Sadamori N, et al. **Cancer** 1984 Dec 1; 54(11):2456-9

Unusual Ph translocations in the French prospective study on chronic myeloid leukemia. Groupe Français de Cytogénétique Hématologique. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):305-9

The significance of cytogenetic findings of erythroid colonies derived from a Ph+ ALL patient: fundamental differences between Ph+ ALL and blastic phase CML. Abe R, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):49-54

Normal sister chromatid exchange frequencies during growth of a transplantable murine myeloid leukemia. Au WW, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):125-30

Further cytogenetic evidence for a multistep pathogenesis of Ph-positive chronic myelogenous leukemia. Barbieri D, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):111-7

Unusual translocations involving chromosomes 12;22 and 9;12 in a case of chronic myelogenous leukemia. Chemitiganti S, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):61-5

Modal karyotype of human leukemia cell line, K562 (ATCC CCL 243). Chen TR. **Cancer Genet Cytogenet** 1985 May; 17(1):55-60

Rearrangement and possible amplification of the ribosomal RNA gene sites in the human chronic myelogenous leukemia cell line K562. Crossen PE, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):27-30

5q- in a case of blastic phase chronic myeloid leukemia. Donti E, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):365-7

Philadelphia chromosome (Ph) positive chronic myelocytic leukemia (CML): frequency of additional findings. Gödde-Salz E, et al. **Cancer Genet Cytogenet** 1985 Jan 15; 14(3-4):313-22

Isochromosome 17q in Ph-negative chronic myelocytic leukemia. Goh K, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):323-30

Chronic myelocytic leukemia with mirror image duplication of chromosome 22: 46,XY, pq+t(22q-;22q-). Gustavson KH, et al. **Cancer Genet Cytogenet** 1985 Feb 1; 15(1-2):89-93

The Philadelphia (Ph) chromosome in leukemia. I. A new mechanism due to interstitial deletion and insertion in chronic myelocytic leukemia. Hecht F, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):3-10

Chromosome 9 in variant Ph translocations. Ishihara T, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):183-4

Chronic myelogenous leukemia with translocation (8;22): report of a new case. Laï JL, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):365-6

Chronic myelogenous leukemia and breaks at 9q34 [letter] Lewis JP, et al. **Cancer Genet Cytogenet** 1985 Aug; 17(4):367-8

The activity of nucleolar organizer regions of human bone marrow cells studied with silver staining. I. Chronic myelocytic leukemia. Mamaev N, et al. **Cancer Genet Cytogenet** 1985 Apr 15;16(4):311-20

The Philadelphia (Ph) chromosome in leukemia. III. Complex Ph translocation plus inversion in chronic myelocytic leukemia. Morgan R, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):23-30

Chromosomal characteristics of chronic and blastic phases of Ph-positive chronic myeloid leukemia. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):17-24

Chromosome changes and splenectomy in Ph-positive CML. III. Predictive parameters in the chronic phase. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Jan 15; 14(3-4):227-34

Long arm deletion of chromosome 5 in a case of chronic myelomonocytic leukemia. Sato Y, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):269-75

Unusual Ph translocations in CML: four new cases. Sessarego M, et al. **Cancer Genet Cytogenet** 1985 Feb 15; 15(3-4):199-207

Karyotypic evolution in Ph-positive chronic myeloid leukemia in relation to management and disease progression. Swolin B, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):65-79

Interstitial deletion del(7)(q22;q31) in a case of Ph-negative CML. Turchini MF, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):179-81

Value of cytogenetic studies in prediction of acute phase CML. Watmore AE, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):293-301

Chromosomal abnormalities in lymphoid crisis of chronic myelogenous leukemia. Yao E. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):235-43

Chromosome fragile sites [letter] Yoder FE, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):369

Oncogene activation in human myeloid leukemia. Janssen JW, et al. **Cancer Res** 1985 Jul;45(7):3262-7

Philadelphia chromosome-positive chronic myelogenous leukemia following apparent acute lymphoblastic leukemia. Hajjar KA. **Clin Pediatr (Phila)** 1985 Jul;24(7):402-5

C-abl and bcr are rearranged in a Ph1-negative CML patient. Bartram CR, et al. **EMBO J** 1985 Mar;4(3):683-6

Establishment and characterization of Ph1–positive and Ph1–negative lymphoblastoid cell lines from a patient with chronic myelogenous leukemia. Yamada T, et al. **Gann** 1985 May;76(5):365–73

Meaning of chromosome 6 aberrations in Ph'–positive chronic granulocytic leukemia. Palka G, et al. **Haematologica (Pavia)** 1984 Nov–Dec;69(6):661–70

Oncogenetic aspects of chronic myelocytic leukemia. Bartram CR, et al. **Hamatol Bluttransfus** 1985;29:150–3

Association between the Philadelphia chromosome and a unique abl transcript. Canaani E, et al. **Hamatol Bluttransfus** 1985;29:154–8

Extramedullary transformation of chronic myeloid leukaemia with a unique chromosome pattern. Flanagan NG, et al. **J Clin Pathol** 1985 Jul;38(7):831–4

Chronic leukaemia in siblings [letter] Desai ZR, et al. **Lancet** 1984 Oct 27;2(8409):984

Genomic alterations involving the c–myc proto–oncogene locus during the evolution of a case of chronic granulocytic leukaemia. McCarthy DM, et al. **Lancet** 1984 Dec 15; 2(8416):1362–5

Promyelocytic blast crisis in chronic granulocytic leukemia with 15;17 translocation. Hogge DE, et al. **Leuk Res** 1984; 8(6):1019–23

A novel Ph1 chromosome positive cell line established from a patient with chronic myelogenous leukemia in blastic crisis. Ohkubo T, et al. **Leuk Res** 1985;9(7):921–6

Pesticide and familial leukaemia [letter] England JF, et al. **Med J Aust** 1985 Sep 16;143(6):263

The breakpoint of the Philadelphia chromosome 22 in chronic myeloid leukaemia is distal to the immunoglobulin lambda light chain constant region genes. Rabbitts TH, et al. **Mol Biol Med** 1983 Jul;1(1):11–9

Cytogenetics and molecular biology combine in the investigation of chromosomal translocation and human leukaemia. Rabbitts TH. **Mol Biol Med** 1983 Sep; 1(2):275–81 (29 ref.)

Distinguishing the Philadelphia chromosome of acute lymphoblastic leukemia from its counterpart in chronic myelogenous leukemia [letter] Rodenhuis S, et al. **N Engl J Med** 1985 Jul 4;313(1):51–2

c–abl Oncogene and chromosome 22 'bcr' juxtaposition in chronic myelogenous leukemia [letter] Teyssier JR, et al. **N Engl J Med** 1985 May 23;312(21):1393–4

Structural organization of the bcr gene and its role in the Ph' translocation. Heisterkamp N, et al. **Nature** 1985 Jun 27–Jul 3;315(6022):758–61

Fused transcript of abl and bcr genes in chronic myelogenous leukaemia. Shtivelman E, et al. **Nature** 1985 Jun 13–19; 315(6020):550–4

A chromosome survey of 42 cases of chronic myelogenous leukemia: significance of the Philadelphia translocation. Ohyashiki K. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul; 47(4):972–81

Granulocytic hemopoietic precursors in different stages of chronic myelogenous leukemia with special reference to combined cytogenetic and colony culture studies. Sonoda Y. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1302–21

An 8–kilobase abl RNA transcript in chronic myelogenous leukemia. Gale RP, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5648–52

Cell lines and clinical isolates derived from Ph1–positive chronic myelogenous leukemia patients express c–abl proteins with a common structural alteration. Konopka JB, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1810–4

E rosette–positive agar colonies containing the Philadelphia chromosome in chronic myeloid leukaemia. Nogueira–Costa R, et al. **Scand J Haematol** 1985 Feb; 34(2):184–90

The human cellular abl gene product in the chronic myelogenous leukemia cell line K562 has an associated tyrosine protein kinase activity. Kloetzer W, et al. **Virology** 1985 Jan 30;140(2):230–8

[Sister chromatid exchange frequency of bone marrow cells and its response to indirubin in chronic myeloid leukemia] Feng BZ. **Chung Hua Chung Liu Tsa Chih** 1984 Sep; 6(5):357–60 (Eng. Abstr.) **(Chi)**

[Chromosomal analysis of erythroid progenitor cell colonies (BFU–E) in chronic myelocytic leukemia] Ma J. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):626–8 (Eng. Abstr.) **(Chi)**

[Effect of indirubin on SCE frequencies of BM cells in chronic myeloid leukemia] Feng BZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):308–10 (Eng. Abstr.) **(Chi)**

[Chromosome 3 abnormalities with dysmegakaryocytopoiesis in in subacute transformation in chronic myeloid leukemia] Cariou R, et al. **Nouv Rev Fr Hematol** 1985;27(1):23–6 (Eng. Abstr.) **(Fre)**

[The Philadelphia chromosome, 25 years later. 1960–1985] Hagemeijer A. **Nouv Rev Fr Hematol** 1985;27(3):153–5 **(Fre)**

[Abnormality of chromosome number 1 in 3 cases of acute transformation of chronic myeloid leukemia] Smadja N, et al. **Nouv Rev Fr Hematol** 1984;26(5):303–8 (Eng. Abstr.) **(Fre)**

[Molecular genetic aspects of chronic myelocytic leukemia] Bartram CR. **Dtsch Med Wochenschr** 1984 Dec 7; 109(49):1894–900 **(Ger)**

[Chromosomal finding as a predictive parameter of splenectomy after acute crisis in patients with Ph1–positive chronic myeloid leukemia] Sadamori N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1194–6 (Eng. Abstr.) **(Jpn)**

[Triploid clone observed in the blastic phase of chronic myelogenous leukemia––DNA cytofluorometry] Shimazaki C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1407–13 (Eng. Abstr.) **(Jpn)**

[A case of granulocytic sarcoma with near tetraploidy and pleural and pericardial effusions as initial manifestations] Kusaka H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug; 73(8):1170–6 **(Jpn)**

[The study on leukemic stem cell (L–CFU). I. Cytogenetic studies of the colonies obtained from leukemic patients] Ishibashi T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):374–80 (Eng. Abstr.) **(Jpn)**

[A case of myeloproliferative disorder presenting as chronic neutrophilic leukemia with detection of Ph1 chromosome in long–term culture] Sanada I, et al. **Rinsho Ketsueki** 1985 Mar;26(3):429–35 (Eng. Abstr.) **(Jpn)**

[Cytogenetic studies on chronic myelocytic leukemia. Evolution of clones with additional Ph1 chromosome detected by a large number of karyotype analysis] Tanaka K, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1778–87 (Eng. Abstr.) **(Jpn)**

[Chromosomal findings as a prognostic indicator following acute crisis of chronic myelogenous leukemia] Yao E. **Rinsho Ketsueki** 1984 Aug;25(8):1183–9 (Eng. Abstr.) **(Jpn)**

[Leukemogenic mechanism of chronic myelogenous leukemia] Kawakami T. **Seikagaku** 1984 Oct;56(10):1272–80 (55 ref.) **(Jpn)**

[Cytogenetics of Philadelphia–chromosome–positive leukemias] Carbonell F, et al. **Sangre (Barc)** 1984; 29(4–B):535–47 (52 ref.) (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Cellular and humoral cytotoxicity in patients with leukaemia and preleukaemia. II. Oncovirus specificity of the reaction. Szabó B, et al. **Acta Microbiol Hung** 1984;31(4):365–72

Monoclonal antibodies against the human leukemia cell line K 562. Böttger V, et al. **Arch Geschwulstforsch** 1985; 55(1):1–8

Reactivity of monoclonal anti–K 562 antibodies with cells of leukemia– and lymphoma–patients. Hering S, et al. **Arch Geschwulstforsch** 1985;55(1):9–16

Expression of Ia antigens on myeloid progenitor cells in chronic myeloid leukemia: direct analysis using partially purified colony–forming cells. Cannistra SA, et al. **Blood** 1985 Feb;65(2):414–22

Monoclonal antibody–mediated cytotoxicity of human myeloid leukemia cells: an in vitro model for estimating efficiency and optimal conditions for cytolysis. Howell AL, et al. **Blood** 1985 Sep;66(3):649–54

Changes in surface antigens of HL–60 cells during differentiation in vitro. San Miguel JF, et al. **Blut** 1984 Nov;49(5):369–73

Non–specific cross–reacting antigen (NCA) in individual maturation stages of myelocytic cell series. Noworolska A, et al. **Br J Cancer** 1985 Mar;51(3):371–7

Lymphoid crisis with T–cell phenotypes in a patient with Philadelphia chromosome negative chronic myeloid leukaemia. Soda H, et al. **Br J Haematol** 1985 Apr; 59(4):671–9

Antigens and circulating immune complexes related to the primate retroviral glycoprotein SiSVgp70. Indicators of early mortality in human acute leukemias and chronic myelogenous leukemias in blast crisis. Hehlmann R, et al. **Cancer** 1984 Dec 15;54(12):2927–35

Chronic myelocytic leukaemia: HLA association and decreased erythrocyte C3b receptor expression. Ruuska P, et al. **Clin Exp Immunol** 1985 Feb;59(2):300–4

Detection of a common leukemia–associated antigen in human myelogenous leukemia using immunoperoxidase. Logan PM, et al. **Diagn Immunol** 1984;2(2):86–100

Production and characterization of monoclonal antibodies against the human leukemic cell line K562. Micheel B, et al. **Hamatol Bluttransfus** 1985;29:445–6

Induction of the expression of HLA class I antigens on K562 by interferons and sodium butyrate. Sutherland J, et al. **Hum Immunol** 1985 Feb;12(2):65–73

Blastic transformation in chronic granulocytic leukaemia. Singh VP, et al. **J Assoc Physicians India** 1984 May; 32(5):417–9

Expression of interleukin 2 receptors and binding of interleukin 2 by gamma interferon–induced human leukemic and normal monocytic cells. Herrmann F, et al. **J Exp Med** 1985 Sep 1;162(3):1111–6

Glycolipid antigens of human polymorphonuclear neutrophils and the inducible HL–60 myeloid leukemia line. Symington FW, et al. **J Immunol** 1985 Apr;134(4):2498–506

Circulating immune complexes in chronic myeloid leukemia: studies on 37 K protein antigen. Chhajlani V, et al. **Leuk Res** 1984;8(6):985–95

Antigens differentially expressed on surface and cytoplasmic structures of human myeloid cells. Fitz–Gibbon L, et al. **Leuk Res** 1985;9(1):123–34

A novel monoclonal antibody BI–3C5 recognises myeloblasts and non–B non–T lymphoblasts in acute leukaemias and CGL blast crises, and reacts with immature cells in normal bone marrow. Tindle RW, et al. **Leuk Res** 1985;9(1):1–9

1,25–Dihydroxyvitamin D3 induces a myelomonocytic phenotype with enhanced effector cell function in the HL–60 promyelocytic leukemia cell line. Rigby WF, et al. **Mol Immunol** 1985 May;22(5):567–72

Regional mapping of two human immunoglobulin V lambda genes and analysis of the V lambda locus in chronic myeloid leukaemia. Anderson ML, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5761–70

Monoclonal anti–T–cell antibodies react with circulating myeloid leukemia cells and normal tissue macrophages. Pilkington GR, et al. **Pathology** 1984 Oct;16(4):447–54

1,25–Dihydroxyvitamin D3–differentiated human promyelocytic leukaemia cells (HL–60) can kill antibody–coated tumour cells (K562). Espevik T. **Scand J Immunol** 1985 Jul;22(1):105–9

[Monoclonal antibodies ICO–02 to blast cell antigens in patients with chronic myeloleukemia in blast crisis] Baryshnikov AIu. **Eksp Onkol** 1984;6(5):53–5 (Eng. Abstr.) **(Rus)**

[Characteristics of membrane markers of peripheral blood lymphocytes in patients with subleukemic myelosis] Guseva SA, et al. **Vrach Delo** 1985 Jun;(6):67–9 (Eng. Abstr.) **(Rus)**

[Various indicators of cellular and humoral immunity in patients with myelocytic leukemia and subleukemia] Kravchenko NI, et al. **Vrach Delo** 1985 Feb;(2):80–3 (Eng. Abstr.) **(Rus)**

METABOLISM

Granulocytic sarcoma with pleural involvement. Identification of neoplastic cells with cytochemistry. Yam LT. **Acta Cytol (Baltimore)** 1985 Jan–Feb;29(1):63–6

Inhibition of phospholipid/Ca2+–dependent protein kinase and phosphorylation of leukemic cell proteins by CP–46,665–1, a novel antineoplastic lipoidal amine. Shoji M, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):590–5

Uptake and metabolism of daunorubicin by human myelocytic cells. Vasanthakumar G, et al. **Cancer Chemother Pharmacol** 1985;15(1):35–9

Protein–pattern changes and morphological effects due to methionine starvation or treatment with 5–azacytidine of the phorbol–ester–sensitive cell lines HL–60, CCL–119, and U–937. Anderson NL, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1956–64

Effect of alkyl–lysophospholipids on phosphatidylcholine biosynthesis in leukemic cell lines. Vogler WR, et al. **Exp Hematol** 1985 Aug;13(7):629–33

Conversion of 6–mercaptopurine to 6–thioguanylic acid in L–1210 cells and human leukemia cells. Uchida M, et al. **Gann** 1985 Feb;76(2):124–30

Changes in K+,Na+–sensitive actin gelation factor during the differentiation of myeloid leukemia cells. Takagi K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):605–16

Changes in asparagine–linked sugar chains of human promyelocytic leukemic cells (HL–60) during monocytoid differentiation and myeloid differentiation. Appearance of high mannose–type oligosaccharides in neutral fraction. Mizoguchi A, et al. **J Biol Chem** 1984 Oct 10; 259(19):11943–8

Changes in asparagine–linked sugar chains of human promyelocytic leukemic cells (HL–60) during monocytoid differentiation and myeloid differentiation. Decrease of high–molecular–weight oligosaccharides in acidic fraction. Mizoguchi A, et al. **J Biol Chem** 1984 Oct 10; 259(19):11949–57

Electrophoretic analysis of the cytoplasmic and nuclear protein changes after induction of differentiation in WEHI–3B myelomonocytic leukemia cells. Cooper PC, et al. **J Cell Biochem** 1984;25(3):161–82

Stimulation of hexose uptake by haemopoietic cell growth factor occurs in WEHI–3B myelomonocytic leukaemia cells: a possible mechanism for loss of growth control. Whetton AD, et al. **J Cell Physiol** 1985 Apr;123(1):73–8

Study of ascorbate status in murine and human leukaemias. Bhattacharjee J, et al. **J Comp Pathol** 1985 Jan;95(1):87–91

Regeneration of membrane sialic acid after neuraminidase treatment of leukemic granulocytes. Taub RN, et al. **Leuk Res** 1985;9(4):507–10

Alteration of polypeptide synthesis and composition during differentiation of human leukemia cell line HL60. Yokota J, et al. **Leuk Res** 1984;8(6):1085–94

Specific expression of the human cellular fps/fes–encoded protein NCP92 in normal and leukemic myeloid cells. Feldman RA, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2379–83

MORTALITY

Survival in Ph1–positive chronic myelocytic leukemia: relationship to findings at diagnosis and to disease kinetics after the first course of treatment. Gomez GA, et al. **Leuk Res** 1985;9(5):633–40

[Long–term prognosis of childhood leukemia. An analysis of 728 cases in 1967–1977] Tsukimoto I, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1772–7 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Evaluation of techniques for increasing mitotic yield and chromosome length in leukemic cells. Rapoza PA, et al. **Acta Cytol (Baltimore)** 1984 Nov–Dec;28(6):740–6

Defective terminal maturation along monocyte–macrophage lineage in chronic myelomonocytic leukemia. Takuwa N, et al. **Acta Haematol (Basel)** 1984;72(3):163–70

Granulocytic sarcoma presenting as a mediastinal tumor. Report of a case and cytological and cytochemical studies of tumor cells in vivo and in vitro. Kubonishi I, et al. **Am J Clin Pathol** 1984 Dec;82(6):730–4

Megakaryoblastic transformation of Ph positive chronic granulocytic leukemia. Vélez–García EO, et al. **Am J Clin Pathol** 1985 Aug;84(2):228–33

Granulocytic sarcoma. A new finding in the setting of preleukemia. Sadick N, et al. **Arch Dermatol** 1984 Oct; 120(10):1341–3

Preleukemia and urticaria pigmentosa followed by acute myelomonoblastic leukemia. Vilter RW, et al. **Arch Intern Med** 1985 Feb;145(2):349–52

Cell lineage heterogeneity in blast crisis of chronic myeloid leukaemia. Bettelheim P, et al. **Br J Haematol** 1985 Mar; 59(3):395–409

Detection of the blastic crisis cell clone in chronic myeloid leukaemia. Löwenberg B, et al. **Br J Haematol** 1985 Jan; 59(1):27–36

Characterization of blast cells in chronic granulocytic leukaemia in transformation, acute myelofibrosis and undifferentiated leukaemia. II. Studies with monoclonal antibodies and terminal transferase. San Miguel JF, et al. **Br J Haematol** 1985 Feb;59(2):297–309

Acne urticata associated with chronic myelogenous leukemia. Brydon J, et al. **Cancer** 1985 Oct 15;56(8):2083–6

Is hypereosinophilic syndrome a malignant disease? Goh KO, et al. **Cancer** 1985 May 15;55(10):2395–9

Skin lesions in chronic granulocytic leukemia. Treatment of a patient with topical nitrogen mustard. Murphy WG, et al. **Cancer** 1985 Jun 1;55(11):2630–3

Clonal culture and cytogenetics. Indicators of a variant of chronic myelogenous leukemia. Selvaggi S, et al. **Cancer** 1984 Dec 15;54(12):2956–8

Cytogenetically distinct leukemic cell lines displaying in vitro specific proliferative and differentiation capacities may account for early disease relapse in the blast phase of CML. Barbieri D, et al. **Cancer Genet Cytogenet** 1985 May; 17(1):21–8

Chromosomal evidence of a common stem cell in acute lymphoblastic leukemia and chronic granulocytic leukemia. Harrison CJ, et al. **Cancer Genet Cytogenet** 1984 Dec; 13(4):331–6

Characterization of extramedullary tumors in a case of Ph–positive chronic myelogenous leukemia: possible involvement of immature T lymphocytes. Ohyashiki K, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1–2):119–27

Formation of 7–hydroxymethotrexate polyglutamyl derivatives and their cytotoxicity in human chronic myelogenous leukemia cells, in vitro. Fabre G, et al. **Cancer Res** 1985 Jan;45(1):80–5

Characterization of a differentiation–inhibitory activity from nondifferentiating mouse myeloid leukemia cells. Okabe–Kado J, et al. **Cancer Res** 1985 Oct;45(10):4848–52

Effects of verapamil on etoposide, vincristine, and adriamycin activity in normal human bone marrow granulocyte–macrophage progenitors and in human K562 leukemia cells in vitro. Yalowich JC, et al. **Cancer Res** 1985 Oct;45(10):4921–4

New type inducers of differentiation of human HL–60 promyelocytic leukemia cells. Terephthalic anilides. Kagechika H, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct; 32(10):4209–12

Solid leukemic tumor. An uncommon presentation of a common disease. Healey JH, et al. **Clin Orthop** 1985 Apr; (194):248–51

Cell population analysis of a heterogeneous blast cell crisis of chronic myelogenous leukemia. Pedraza MA, et al. **Diagn Immunol** 1984;2(1):19–24

Inhibition of phorbol–ester–induced adhesion of differentiating human myeloid leukemic cells by pentamidine–isethionate. Klemes Y, et al. **Differentiation** 1984;27(2):141–5

Accessory function of human leukemic cell lines: properties of B and B–K562 hybrid cell lines. Wakasugi H, et al. **Eur J Immunol** 1985 Mar;15(3):256–61

Characterization of hemopoietic growth factors from T cells and the myelomonocytic leukemia WEHI–3B. Clark–Lewis I, et al. **Exp Hematol** 1985 May;13(4):304–11

Characterization of a factor inducing differentiation of mouse myeloid leukemic cells purified from conditioned medium of mouse Ehrlich ascites tumor cells. Tomida M, et al. **FEBS Lett** 1984 Dec 10;178(2):291–6

A novel human myelomonocytoid cell line, P39/Tsugane, derived from overt leukemia following myelodysplastic syndrome. Nagai M, et al. **Gann** 1984 Dec;75(12):1100–7

Granulocytic sarcoma without evidence of acute leukemia: 2 cases with unusual localization (uterus and breast) and 1 case with bone localization. Cassi E, et al. **Haematologica (Pavia)** 1984 Jul–Aug;69(4):464–96

Behavior of human leukemic progenitor populations in long–term marrow culture. Eaves C, et al. **Hamatol Bluttransfus** 1985;29:163–7

Differentiation in myelodysplastic, myeloid leukaemic and normal haemopoietic cells: a new approach exploiting the synergistic interaction between differentiation inducers and DNA synthesis inhibitors. Francis GE, et al. **Hamatol Bluttransfus** 1985;29:402–8

Plasminogen activator as a prognostic factor in hematological malignancies. Wilson EL, et al. **Hamatol Bluttransfus** 1985; 29:197–9

Granulocytic sarcoma of the hard palate: report of the first case. Castella A, et al. **Hum Pathol** 1984 Dec;15(12):1190–2

Growth of human basophil lines derived from chronic myelocytic leukaemia cells in vitro: ultrastructure and X–ray microanalysis studies. Fishman P, et al. **Immunology** 1985 May;55(1):105–13

Normal responsiveness of granulocyte macrophage committed stem cells from patients with chronic myeloid leukemia to proliferation inhibition by prostaglandin E 1. Rao SG, et al. **Indian J Exp Biol** 1984 Jun;22(6):340–2

Cell kinetics of the K–562 cell line in microculture. Wan JH, et al. **Int J Cell Cloning** 1985 Mar;3(2):106–15

T cells and probably B cells arise from the malignant clone in chronic myelogenous leukemia. Fauser AA, et al. **J Clin Invest** 1985 Mar;75(3):1080–2

In vivo differentiation of blast–phase chronic granulocytic leukemia. Expression of c–myc and c–abl protooncogenes. Koller CA, et al. **J Clin Invest** 1985 Jul;76(1):365–9

Mechanism of the differentiating action of 25–hydroxyvitamin D3 endoperoxides in human myeloid leukemia cells (HL–60). Shiina Y, et al. **J Med Chem** 1985 Sep;28(9):1153–8

Syntheses and differentiating action of vitamin D endoperoxides. Singlet oxygen adducts of vitamin D derivatives in human myeloid leukemia cells (HL–60). Yamada S, et al. **J Med Chem** 1985 Sep;28(9):1148–53

'Coexistent chronic myeloid leukemia and lymphosarcoma in the maxilla: report of a case'. Epivatianos AA, et al. **J Oral Med** 1984 Oct–Dec;39(4):207–9

Variable persistence of leukemic progenitor cells in long–term CML and AML marrow cultures. Coulombel L, et al. **KROC Found Ser** 1984;18:243–54

In–vitro effect of retinoic acid on normal and chronic myeloid leukemia granulopoiesis. Aglietta M, et al. **Leuk Res** 1985;9(7):879–83

A new leukemia cell line with Philadelphia chromosome characterized as basophil precursors. Kishi K. **Leuk Res** 1985;9(3):381–90

Study of differentiation of fresh myelogenous leukemic cells by compounds that induce a human promyelocytic leukemic line (HL–60) to differentiate. Koeffler HP, et al. **Leuk Res** 1985;9(1):73–81

Synthesis by mouse peritoneal cells of G–CSF, the differentiation inducer for myeloid leukemia cells: stimulation by endotoxin, M–CSF and multi–CSF. Metcalf D, et al. **Leuk Res** 1985;9(1):35–50

The role of platelet–derived growth factor on human pluripotent progenitor (CFU–GEMM) growth in vitro. Michalevicz R, et al. **Leuk Res** 1985;9(3):399–405

Monocytic differentiation induced by 1,25 dihydroxyvitamin D3 in myeloid cells: an ultrastructural immunocytochemical study. Polli N, et al. **Leuk Res** 1985; 9(2):259–70

Granulocytic sarcoma of breast: aleukemic bilateral metachronous presentation and literature review. Gartenhaus WS, et al. **Med Pediatr Oncol** 1985;13(1):22–9

A case of chronic myelocytic leukemia in myeloblastic crisis with eosinophilia after splenic irradiation. Mimura K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):55–63

In vitro enhancement of adriamycin cytotoxicity in human myeloid leukemia cells exposed to verapamil. Pradhan SG, et al. **Oncology** 1984;41(6):406–8

Human leukemia cell maturation induced by a T–cell lymphokine isolated from medium conditioned by normal lymphocytes. Leung K, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1209–13

Density distribution of chronic myeloid leukaemia and normal colony–forming cells in diffusion chambers (CFU–D) and agar (CFU–GM). Nilsson B, et al. **Scand J Haematol** 1985 Apr;34(4):317–22

Drug association including ara–C in myeloid leukemia cell differentiation: in vitro studies. Chomienne C, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):60–4

Granulocytic sarcoma of the cervix uteri––a case report. Kao KL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun; 83(6):618–25

Effect of retinoic acid on bone–marrow committed stem cells (CFU–c) from chronic myeloid leukemia patients. Nadkarni KS, et al. **Tumori** 1984 Dec 31;70(6):503–5

Chronic myelocytic leukemia: ultrastructural histopathology of bone marrow from patients in the chronic phase. Kuto F, et al. **Ultrastruct Pathol** 1984;6(4):307–17

[Glycosaminoglycans in the spleen of normal humans and in the spleen of subjects with chronic myeloid leukemia] Catini C, et al. **Nouv Rev Fr Hematol** 1984;26(5):309–15 (Eng. Abstr.) **(Fre)**

[Acute lymphoblastic transformation of chronic myeloid leukemia] Zaiem A, et al. **Tunis Med** 1983 Jul–Aug; 61(4):283–6 **(Fre)**

[Transformation of a myelodysplastic to a myeloproliferative syndrome (chronic granulocytic leukemia)] Seewann HL. **Wien Klin Wochenschr** 1985 Mar 29;97(7):320–2 (Eng. Abstr.) **(Ger)**

[Initially aleukemic granulocytic sarcoma of the breast] Lamendola MG, et al. **Pathologica** 1984 Nov–Dec; 76(1046):677–89 (Eng. Abstr.) **(Ita)**

[A case of basophilic crisis of Ph1–positive chronic myelogenous leukemia] Fujii H, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1102–14 (Eng. Abstr.) **(Jpn)**

[Action mechanism of methyl 6–[3–(2–chloroethyl)–3–nitrosoureido]–6–deoxy–alpha–D–(MCNU) in leukemic cells] Nakamura T, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):734–41 (Eng. Abstr.) **(Jpn)**

[A case of CML blastic crisis with pseudohypoxemia due to leukocyte larceny] Asai T, et al. **Rinsho Ketsueki** 1984 Jun;25(6):870–4 (Eng. Abstr.) **(Jpn)**

[An autopsy case of chronic myelogenous leukemia with megakaryoblastic transformation] Kanbayashi H, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1848–53 (Eng. Abstr.) **(Jpn)**

[Case of basophilic crisis in chronic myelocytic leukemia] Nagaoka T, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1084–9 (Eng. Abstr.) **(Jpn)**

[Early granulopoietic precursors in the peripheral blood and bone marrow the during blast transformation of chronic myeloleukemia] Nikolova GG, et al. **Gematol Transfuziol** 1984 Sep;29(9):49–53 (Eng. Abstr.) **(Rus)**

[Morphologic characteristics of cells in the blast crisis of myeloleukosis] Tipun VM. **Lab Delo** 1985;(1):59–60 **(Rus)**

[Granulocytic sarcoma] Poblete MT, et al. **Rev Chil Pediatr** 1984 May–Jun;55(3):188–93 (Eng. Abstr.) **(Spa)**

[Experimental and clinical use of cell cultures in chronic myeloid leukemia] Burgaleta C, et al. **Sangre (Barc)** 1984; 29(4–B):549–64 (79 ref.) (Eng. Abstr.) **(Spa)**

[Clinico–biological expression of chronic granulocytic leukemia in the diagnostic phase and its prognostic significance] Cervantes F, et al. **Sangre (Barc)** 1984; 29(4–B):504–20 (99 ref.) (Eng. Abstr.) **(Spa)**

[Chronic myeloid leukemia in children] Ortega JJ, et al. **Sangre (Barc)** 1984;29(4–B):607–28 (81 ref.) (Eng. Abstr.) **(Spa)**

[Cytodynamics of bone marrow precursors at different developmental stages of chronic granulocytic leukemia] Outeiriño J, et al. **Sangre (Barc)** 1984;29(4–B):565–76 (Eng. Abstr.) **(Spa)**

[The megakaryoblastic component of mixed blast crises] San Miguel JF, et al. **Sangre (Barc)** 1985;30(3):330–6 (Eng. Abstr.) **(Spa)**

[Chronic granulocytic leukemia as a proliferative panmyelopathy of a clonal nature] Sánchez Fayos J, et al. **Sangre (Barc)** 1984;29(4–B):491–501 (35 ref.) **(Spa)**

[Chronic granulocytic leukemia in the acceleration phase. Clinico–biological phenotypes of metamorphosis] Woessner S, et al. **Sangre (Barc)** 1984;29(4–B):521–33 (53 ref.) **(Spa)**

PHYSIOPATHOLOGY

Optic disk neovascularization in leukemia [letter] Delaney WV Jr, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):212–3

Nervous system assessment with evoked potential tests in pediatric bone marrow transplant patients. Kaleita TA, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):329–32

The sensitivity to hyperthermia of human granulocyte/macrophage progenitor cells (CFU–GM) derived from blood or marrow of normal subjects and patients with chronic granulocytic leukaemia. Blackburn MJ, et al. **Br J Cancer** 1984 Dec;50(6):745–51

An in vitro study of basophil production in chronic myeloproliferative disorders. Piacibello W, et al. **Exp Hematol** 1984 Nov;12(10):759–62

Chronic myelomonocytic leukemia: clinical features, cytogenetics, and prognosis in 30 consecutive cases. Alessandrino EP, et al. **Hematol Oncol** 1985 Apr–Jun; 3(2):147–55

Glutamine promotes colony formation in bone marrow and HL–60 cells; accelerates myeloid differentiation in induced HL–60 cells. Dass PD, et al. **In Vitro** 1984 Nov; 20(11):869–75

Further studies on mechanisms of abnormal prostaglandin response by chronic myelogenous leukaemia granulocyte/macrophage progenitors. Taetle R, et al. **Leuk Res** 1984;8(5):833–42

Splenectomy in chronic myeloid leukemia in Japan (the final report). Fukuda M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):966–71

[Characteristics of granulopoiesis in patients in the progressive stage of chronic myeloleukemia] Nikolov GG, et al. **Gematol Transfuziol** 1984 Nov;29(11):15–20 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Osteolytic lesion in chronic myelogenous leukaemia. Frydecka I, et al. **Folia Haematol (Leipz)** 1984;111(5):610–3

Intrarenal chloroma causing obstructive nephropathy: CT characteristics. Breatnach E, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):822–4

Granulocytic sarcoma (chloroma): CT manifestations. Pomeranz SJ, et al. **Radiology** 1985 Apr;155(1):167–70

RADIOTHERAPY

Variation of peripheral T–lymphocytes after total body irradiation in 9 patients with chronic granulocytic leukemia. Gu YX, et al. **Chin Med J [Engl]** 1985 Jan;98(1):72–4

Lung damage following bone marrow transplantation: I. The contribution of irradiation. Cardozo BL, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):907–14

SURGERY

[Splenectomy in chronic granulocytic leukemia] Avilés-Miranda A, et al. **Gac Med Mex** 1983 Feb; 119(2):72-6 **(Spa)**

THERAPY

Treatment of the blastic transformation of chronic granulocytic leukemia using high dose BCNU chemotherapy and cryopreserved autologous peripheral blood stem cells. Karp DD, et al. **Am J Hematol** 1985 Mar; 18(3):243-9

Autografting for chronic myeloid leukemia in transformation [letter] Reiffers J, et al. **Am J Hematol** 1985 Jan;18(1):105-6

Distinctive acral erythema occurring during therapy for severe myelogenous leukemia. Levine LE, et al. **Arch Dermatol** 1985 Jan;121(1):102-4

Timing of transplant for CML patients [letter] Goldman JM, et al. **Blood** 1984 Oct;64(4):945-6

Marrow transplantation for chronic myelocytic leukemia: a controlled trial of cyclosporine versus methotrexate for prophylaxis of graft-versus-host disease. Storb R, et al. **Blood** 1985 Sep;66(3):698-702

Chemotherapy and autografting for chronic granulocytic leukaemia in transformation: probable prolongation of survival for some patients. Haines ME, et al. **Br J Haematol** 1984 Dec;58(4):711-21

Autografting for chronic granulocytic leukemia in accelerated phase [letter] Reiffers J, et al. **Br J Haematol** 1985 Aug;60(4):770

Leukaemic transformation of engrafted bone marrow cells. Smith JL, et al. **Br J Haematol** 1985 Jul;60(3):415-22

Suppression of clonal evolution in two chronic myelogenous leukaemia patients treated with leucocyte interferon. Talpaz M, et al. **Br J Haematol** 1985 Aug;60(4):619-24

Response of chronic myelogenous leukemia patients to COAP-splenectomy. A Southwest Oncology Group study. Hester JP, et al. **Cancer** 1984 Nov 1;54(9):1977-82

Chromosome changes and splenectomy in Ph1-positive chronic myeloid leukemia. I. Predictive parameters in the blastic phase. Sadamori N, et al. **Cancer** 1984 Dec 1; 54(11):2456-9

Treatment of myeloid blastic crisis of chronic myelogenous leukemia. Preisler HD, et al. **Cancer Treat Rep** 1984 Nov; 68(11):1351-5

Clinical trial depleting T lymphocytes from donor marrow for matched and mismatched allogeneic bone marrow transplants. Trigg ME, et al. **Cancer Treat Rep** 1985 Apr; 69(4):377-86

Marrow transplantation for stable-phase chronic granulocytic leukemia. Armitage JO, et al. **Exp Hematol** 1984 Oct;12(9):717-9

New approaches to the treatment of chronic myelogenous leukemia. McCredie KB, et al. **Hamatol Bluttransfus** 1985; 29:51-2

Chronic myelogenous leukemia: is aggressive treatment indicated? Clarkson B. **J Clin Oncol** 1985 Feb;3(2):135-9

Bone marrow transplantation for chronic granulocytic leukaemia. Mahmoud HK, et al. **Klin Wochenschr** 1985 Jun 18;63(12):560-4

Successful engraftment after three mismatched bone-marrow transplantations for chronic granulocytic leukemia [letter] Herve P, et al. **N Engl J Med** 1985 Jan 24;312(4):242

A potentially therapeutic approach to a non-leukemic patient with granulocytic sarcoma. Shimizu K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):164-8

Effect of administration of BCG, levamisole and irradiated leukemic cells on immune status and remission status in chronic myelogenous leukemia. Advani SH, et al. **Oncology** 1985;42(5):275-81

The combined use of cytosine arabinoside, cyclophosphamide, and total body irradiation as preparative regimen for bone marrow transplantation in patients with AML and CML. Messner HA, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):187-9

Treatment of acute graft-versus-host disease with monoclonal antibody OKT3. Clinical results and effect on circulating T lymphocytes. Gratama JW, et al. **Transplantation** 1984 Nov;38(5):469-74

[Bone marrow transplantation in chronic myeloid leukemia (letter)] Klingemann HG, et al. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):37-8 **(Ger)**

[Bone marrow transplantation in panmyelopathy, acute leukemia and chronic myelocytic leukemia: results of the Ulm Transplantation Group] Arnold R, et al. **Klin Wochenschr** 1984 Jun 15;62(12):577-85 (Eng. Abstr.) **(Ger)**

[Current status of allogenic bone marrow transplantation in chronic myelocytic leukemia] Speck B, et al. **Schweiz Med Wochenschr** 1984 Oct 6;114(40):1377-9 (Eng. Abstr.) **(Ger)**

[Fractionated homogeneous whole body irradiation prior to bone marrow transplantation] Dühmke E, et al. **Strahlentherapie** 1985 Mar;161(3):134-9 (Eng. Abstr.) **(Ger)**

[Changes in the colony-forming capacity of peripheral blood and bone marrow cells of patients with chronic myeloid leukemia undergoing therapeutic leukocytapheresis] Nikolova GG, et al. **Gematol Transfuziol** 1984 Oct; 29(10):44-8 (Eng. Abstr.) **(Rus)**

[Bone marrow transplant in chronic myeloid leukemia] Fernandez-Rañada JM, et al. **Sangre (Barc)** 1984; 29(4-B):598-606 (19 ref.) **(Spa)**

[Conventional and aggressive chemo-radiotherapy of chronic granulocytic leukemia in its different phases. Other therapeutic problems] García-Conde J, et al. **Sangre (Barc)** 1984;29(4-B):577-97 (112 ref.) **(Spa)**

ULTRASTRUCTURE

Characterization of blast cells in chronic granulocytic leukaemia in transformation, acute myelofibrosis and undifferentiated leukaemia. I. Ultrastructural morphology and cytochemistry. Polli N, et al. **Br J Haematol** 1985 Feb; 59(2):277-96

URINE

Circulating and urinary cAMP levels in chronic and acute myeloid leukemia. Singh RP, et al. **Indian J Cancer** 1984 Sep-Oct;21(4):122-5

VETERINARY

Myelodysplastic changes in a cat with myelomonocytic leukemia. Raskin RE, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):171-4

LEUKEMIA, MYELOCYTIC, ACUTE see **LEUKEMIA, MYELOBLASTIC**

LEUKEMIA, MYELOCYTIC, CHRONIC see **LEUKEMIA, MYELOCYTIC**

LEUKEMIA, MYELOGENOUS, CHRONIC see **LEUKEMIA, MYELOCYTIC**

LEUKEMIA, MYELOMONOCYTIC see **LEUKEMIA, MYELOCYTIC**

LEUKEMIA, NAEGELI TYPE see **LEUKEMIA, MYELOCYTIC**

LEUKEMIA P388 see under **LEUKEMIA, EXPERIMENTAL**

LEUKEMIA, PLASMACYTIC

COMPLICATIONS

Multiple myeloma: with extra-medullary lesions. Bhattacharya SK, et al. **J Assoc Physicians India** 1984 Jun; 32(6):523-5

Neisseria meningitidis serogroup 29E (Z') septicemia in a patient with far advanced multiple myeloma (plasma cell leukemia). Wachter E, et al. **J Clin Microbiol** 1985 Mar; 21(3):464-6

[A patient with plasma cell leukemia] Peters FT, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):125-8 (Eng. Abstr.) **(Dut)**

[B lymphoproliferative syndrome with characteristics common to chronic lymphatic leukemia, Waldenström disease and plasmacytic leukemia] Tosato F, et al. **Minerva Med** 1984 Nov 17;75(44):2691-4 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Multiple myeloma and plasma cell leukemia: two different diseases [letter] Brumana N, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):85-6

[Plasma cell leukemia: clinical and morphocytochemical aspects in 5 cases] Grande M. **Recenti Prog Med** 1985 Apr; 76(4):199-205 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

[Case of plasmacytic leukemia with complete remission and 1-year survival after a combined 5-drug sequence therapy] Anisimowicz J, et al. **Pol Tyg Lek** 1984 Sep 3; 39(36):1209-10 (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

The clinical significance of cytogenetic studies in 100 patients with multiple myeloma, plasma cell leukemia, or amyloidosis. Dewald GW, et al. **Blood** 1985 Aug; 66(2):380-90

Amplification of the c-myc oncogene in human plasma-cell leukemia. Sümegi J, et al. **Int J Cancer** 1985 Sep 15; 36(3):367-71

IMMUNOLOGY

[Immunological characteristics of plasmacytic leukemia] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1205-7 (Eng. Abstr.) **(Pol)**

PATHOLOGY

[Plasma cell leukemia. Bibliographic review and ultrastructural study (by transmission and scanning electron microscopy) in 2 cases] Scolozzi R, et al. **Minerva Med** 1985 Jun 16;76(25):1199-210 (39 ref.) (Eng. Abstr.) **(Ita)**

[Leukemia and other neoplasms in patients with multiple myeloma] Kraj M, et al. **Nowotwory** 1985 Jan-Mar; 35(1):64-73 (Eng. Abstr.) **(Pol)**

THERAPY

Treatment of plasma cell neoplasm with recombinant leukocyte A interferon and human lymphoblastoid interferon. Ohno R, et al. **Cancer Chemother Pharmacol** 1985;14(1):34-7

LEUKEMIA, RADIATION-INDUCED

Rheumatoid arthritis, lupus nephritis, and risks of lymphoid irradiation [letter] Grünwald HW, et al. **Ann Intern Med** 1985 Jul;103(1):155

Guidelines for handling parenteral antineoplastics [letter] Randall ME, et al. **JAMA** 1985 Aug 23-30;254(8):1033-4

[Induction of leukemias and carcinomas by ionizing radiation] Flemming K. **Lebensversicherungsmedizin** 1985 Jul 1; 37(4):109-15 (20 ref.) (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Reversal of gamma-radiation-induced leukemogenesis in mice by immunomodulation with thiabendazole and dinitrofluorobenzene. Elgebaly SA, et al. **JNCI** 1985 Apr; 74(4):811-5

CLASSIFICATION

The value of subtyping in studies of irradiation and human leukaemia. Darby SC. **Leuk Res** 1985;9(6):699-704

DRUG THERAPY

Response of therapy-associated acute nonlymphocytic leukemia to intensive induction chemotherapy. Duane SF, et al. **Med Pediatr Oncol** 1985;13(4):207-13

ETIOLOGY

Study of erythrocyte mean corpuscular volume during cytotoxic therapy as a predictive parameter of the risk of secondary leukemia in Hodgkin's disease. de Gramont A, et al. **Cancer Treat Rep** 1984 Dec;68(12):1467-70

Confirm or deny: nuclear submarine workers at Portsmouth Naval Shipyard had excess leukemia [letter] Bross ID. **Health Phys** 1985 Sep;49(3):535-6

Low-level radiation, malignant disease, extrapolation and 'official science' [letter] Hickey RJ. **Health Phys** 1985 Sep; 49(3):536-8

A unifying concept for carcinogenic risk assessments: comparison with radiation-induced leukemia in mice and men. Jones TD. **Health Phys** 1984 Oct;47(4):533-58

The induction by 224Ra of myeloid leukaemia and osteosarcoma in male CBA mice. Humphreys ER, et al. **Int J Radiat Biol** 1985 Mar;47(3):239-47

Leukaemia risk in amateur radio operators [letter] Wangler RB, et al. **Lancet** 1985 Jun 29;1(8444):1516

Malignancies induced by low dose ionizing radiation: consequences for diagnostic radiology. Matthews IP, et al. **Radiography** 1984 Nov-Dec;50(594):277-80

Use of medical radiographs: extent of variation and associated active bone marrow doses. McNeil BJ, et al. **Radiology** 1985 Jul;156(1):51-6

A case of chronic myelogenous leukemia following I131 therapy for metastatic thyroid carcinoma. Torng JK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):730-5

[Pathogenesis of radiation-induced leukemia and its significance for the pathogenesis of spontaneously occurring leukemias] Ludwig FC. **Strahlenschutz Forsch Prax** 1985;25:110-26 (36 ref.) **(Ger)**

IMMUNOLOGY

Cellular events during radiation-induced thymic leukemogenesis in mice: abnormal T cell differentiation in the thymus and defect of thymocyte precursors in the bone marrow after split-dose irradiation. Muto M, et al. **J Immunol** 1985 Mar;134(3):2026-31

MICROBIOLOGY

Evidence for retrovirus in miniature swine with radiation-induced leukemia or metaplasia. Frazier ME. **Arch Virol** 1985;83(1-2):83-97

Detection of a unique antigen on radiation leukemia virus-induced leukemia B6RV2. Nakayama E, et al. **Cancer Res** 1984 Nov;44(11):5138-44

High- and low-leukemogenic variants of the radiation leukemia virus (RadLV): immunogenic, suppressive and genetic properties in relation to leukemogenic activity. Yefenof E, et al. **Int J Cancer** 1984 Dec 15;34(6):875-82

MORTALITY

Silent keys: leukaemia mortality in amateur radio operators [letter] Milham S Jr. **Lancet** 1985 Apr 6;1(8432):812

OCCURRENCE

Myeloproliferative disorders in patients with rheumatoid arthritis treated with total body irradiation. Urowitz MB, et al. **Am J Med** 1985 Jan 21;78(1A):60-4

Association of leukemia with radium groundwater contamination. Lyman GH, et al. **JAMA** 1985 Aug 2; 254(5):621-6

Sellafield, Seascale, and stem cells [letter] Cutler J. **Lancet** 1984 Nov 17;2(8412):1161

Discharges from Sellafield [letter] Dunster HJ. **Lancet** 1984 Oct 13;2(8407):873

Childhood leukaemia in coastal areas of West Scotland 1969–83 [letter] Gillis CR, et al. **Lancet** 1984 Oct 13; 2(8407):872

[Radiation-induced cancer] Yamashita H. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1595–603 **(Jpn)**

PATHOLOGY

Characteristics of secondary acute nonlymphocytic leukemias. Cytological aspects (a review). Raposa T, et al. **Folia Haematol (Leipz)** 1984;111(2):180–5

Target cells and thymus microenvironment in the pathogenesis of thymic lymphomas in C57BL/Ka mice. Boniver J, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan; 11(1):65–9

PHYSIOPATHOLOGY

A comparative analysis of radiation- and virus-induced leukemias in BALB/c mice. Newcomb EW, et al. **Virology** 1985 Jan 15;140(1):102–12

LEUKEMIA, SCHILLING TYPE see **LEUKEMIA, MONOCYTIC**

LEUKEMIA, SUBLEUKEMIC

IMMUNOLOGY

[Characteristics of membrane markers of peripheral blood lymphocytes in patients with subleukemic myelosis] Guseva SA, et al. **Vrach Delo** 1985 Jun;(6):67–9 (Eng. Abstr.) **(Rus)**

[Various indicators of cellular and humoral immunity in patients with myelocytic leukemia and subleukemia] Kravchenko NI, et al. **Vrach Delo** 1985 Feb;(2):80–3 (Eng. Abstr.) **(Rus)**

LEUKEMIA VIRUS, AVIAN see **AVIAN LEUKOSIS VIRUSES**

LEUKEMIA VIRUS, HUMAN T-CELL see **HUMAN T-CELL LEUKEMIA VIRUS**

LEUKEMIC RETICULOENDOTHELIOSIS see **LEUKEMIA, HAIRY CELL**

LEUKEMOGENIC VIRUSES see **RETROVIRIDAE**

LEUKEMOID REACTION

COMPLICATIONS

Factitious hypoglycemia associated with eosinophilic leukemoid reaction. Lefor AT, et al. **NY State J Med** 1985 Jan;85(1):34–5

ETIOLOGY

A monocytic leukemoid reaction: a manifestation of preleukemia. Friedland ML, et al. **RI Med J** 1985 Apr; 68(4):173–4

[Leukemoid eosinophilic reaction in angioimmunoblastic adenopathy] Gardais J, et al. **Rev Med Interne** 1984 Nov; 5(4):309–14 (Eng. Abstr.) **(Fre)**

[Rare hematological changes in bronchogenic carcinoma] Przybyłowski J, et al. **Przegl Lek** 1984;41(9):587–9 **(Pol)**

LEUKOCIDINS

BIOSYNTHESIS

Biochemical and functional properties of a leucocidin produced by several strains of Fusobacterium necrophorum. Emery DL, et al. **Aust Vet J** 1984 Dec; 61(12):382–7

Production of leukocidin by clinical isolates of Pseudomonas aeruginosa and antileukocidin antibody from sera of patients with diffuse panbronchiolitis. Homma JY, et al. **J Clin Microbiol** 1984 Nov;20(5):855–9

[Production of leukocidin of Pseudomonas aeruginosa strains isolated from patients and environmental specimens] Sibata M, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):14–8 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Enzyme-linked immunosorbent assay for detection of milk immunoglobulins to leukocidin toxin of Staphylococcus aureus. Loeffler DA, et al. **Am J Vet Res** 1985 Aug; 46(8):1728–32

[Anti-leukocidin antibody in sera of patients with diffuse panbronchiolitis] Kazuyama Y, et al. **Kansenshogaku Zasshi** 1985 Jan;59(1):19–22 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

[Studies on pseudomonal and staphylococcal leukocidins] Hirayama T, et al. **Nippon Saikingaku Zasshi** 1984 Nov; 39(6):849–63 **(Jpn)**

METABOLISM

Binding of pseudomonal leukocidin to rabbit polymorphonuclear leukocytes. Hirayama T, et al. **Infect Immun** 1984 Dec;46(3):631–4

PHARMACODYNAMICS

Action of a cytotoxin from Pseudomonas aeruginosa on human leukemic cell lines. Increase in cell permeability to Ca2+ and Mn2+ and lack of stimulation of inositol lipid turnover. Sasaki T, et al. **FEBS Lett** 1985 Sep 9; 189(1):33–6

LEUKOCYTE ADHERENCE INHIBITION TEST see under **IMMUNOLOGIC TECHNICS**

LEUKOCYTE ANTIGENS see **HISTOCOMPATIBILITY ANTIGENS**

LEUKOCYTE COUNT

Studies on the lymphocytic subpopulations in acute non-lymphocytic leukemia. Zhou MX, et al. **Acta Acad Med Wuhan** 1984;4(4):216–9

Alterations of T cell subpopulations in childhood lipoid nephrosis and its relation to immunosuppressive treatment. Zhou X, et al. **Acta Acad Med Wuhan** 1984;4(4):213–5

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. I. Chronic renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1–4):45–62

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. II. Acute renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1–4):63–71

Transient neurological symptoms associated with mononuclear pleocytosis of the cerebrospinal fluid. Brattström L, et al. **Acta Neurol Scand** 1984 Aug; 70(2):104–10

Lymphocyte subpopulations in peripheral blood of small-for-gestational age and appropriate-for-gestational age preterm neonates. Kiss S, et al. **Acta Paediatr Hung** 1984;25(3):291–7

White blood cell count and adherence in sportsmen and non-training subjects. Seneczko F. **Acta Physiol Pol** 1983 Sep-Dec;34(5–6):601–10

The use of the cytocentrifuge in the diagnosis of meningitis. Mengel M. **Am J Clin Pathol** 1985 Aug;84(2):212–6

Relationship between body weight and total leukocyte count in morbid obesity. Nanji AA, et al. **Am J Clin Pathol** 1985 Sep;84(3):346–7

Prognostic significance of the absolute lymphocyte count in acute pancreatitis. Christophi C, et al. **Am J Surg** 1985 Sep;150(3):295–6

Leukocyte counts in 7,739 healthy black persons: effects of age and sex. Rana SR, et al. **Ann Clin Lab Sci** 1985 Jan–Feb; 15(1):51–4

Reduction of peripheral blood lymphocytes in patients receiving gold therapy for rheumatoid arthritis. Hanly JG, et al. **Ann Rheum Dis** 1985 May;44(5):299–301

Peritoneal neutrophilia: a potential indicator of the surgical acute abdomen. Stewart RJ, et al. **Aust NZ J Surg** 1984 Dec;54(6):565–8

Relation of early mononuclear and polymorphonuclear cell infiltration to late scar thickness after experimentally induced myocardial infarction in the rat. Roberts CS, et al. **Basic Res Cardiol** 1985 Mar–Apr;80(2):202–9

Volume-dependent human blood polymorphonuclear leukocyte heterogeneity demonstrated with counterflow centrifugal elutriation. Berkow RL, et al. **Blood** 1985 Jan; 65(1):71–8

Distinctive lymphocyte subpopulation abnormalities in patients with congenital coagulation disorders who exhibit lymph node enlargement. Prince HE, et al. **Blood** 1985 Jul; 66(1):64–8

The level of some serum proteins and lymphocyte count in persons exposed to the action of lead during work. Report I. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3–4):181–8

Reliability of the total lymphocyte count as a parameter of nutrition. Forse RA, et al. **Can J Surg** 1985 May;28(3):216–9

Correlations between leukocyte count and absolute granulocyte count in patients receiving cancer chemotherapy. Benson AB 3d, et al. **Cancer** 1985 Sep 15; 56(6):1350–5

Alveolitis in an asymptomatic pigeon breeder [letter] Hoogsteden HC, et al. **Chest** 1985 Feb;87(2):272

Cryoglobulin detected through spurious increases in automated leukocyte counts [letter] von Schenck H. **Clin Chem** 1985 Jun;31(6):1086–7

First exchange neutrophilia: an index of peritonitis during chronic intermittent peritoneal dialysis. Riera G, et al. **Clin Nephrol** 1985 Jul;24(1):5–8

Methods of assessing the synovial fluid cell count. Haskard DO, et al. **Clin Rheumatol** 1984 Sep;3(3):319–22

Seasonal changes in the white blood cell system, lyzozyme activity and cortisol level in Arabian brood mares and their foals. Gill J, et al. **Comp Biochem Physiol [A]** 1985; 81(3):511–23

Are lymphocyte subset determinations affected by storage conditions? Ponzio AD, et al. **Diagn Immunol** 1984; 2(3):188–90

The effects of anticoagulant and temperature on the measurements of helper and suppressor cells. Thornthwaite JT, et al. **Diagn Immunol** 1984;2(3):167–74

Leucocyte counts during pregnancy and the puerperium and at birth in Nigerians. Fleming AF, et al. **East Afr Med J** 1985 Mar;62(3):175–84

Haematological indices of primary school children in Vwang Plateau State, Nigeria. Oyejide CO, et al. **East Afr Med J** 1985 Mar;62(3):200–5

The diagnosis of bacterial peritonitis: comparison of pH, lactate concentration and leukocyte count. Garcia-Tsao G, et al. **Hepatology** 1985 Jan–Feb;5(1):91–6

Estimation of total and vacuolated eosinophil counts in childhood asthma. Acharya U, et al. **Indian J Pediatr** 1983 Nov–Dec;50(407):635–7

Fecal leucocytes in acute diarrhea. Patel P, et al. **Indian Pediatr** 1984 Mar;21(3):191–4

Peripheral blood T lymphocyte subsets in leprosy. Rea TH, et al. **Int J Lepr** 1984 Sep;52(3):311–7

Peripheral blood lymphocyte numbers, lymphocyte proliferative responses in vitro, and serum immunoglobulins in regular hemapheresis donors. Braine HG, et al. **J Clin Apheresis** 1985;2(3):213–8

Method to select mice in the steady state for biological studies. Sluiter W, et al. **J Immunol Methods** 1985 Jan 21; 76(1):135–43

What represents pleocytosis in blood-contaminated ('traumatic tap') cerebrospinal fluid in children? Rubenstein JS, et al. **J Pediatr** 1985 Aug;107(2):249–51

Neonatal blood cell count in health and disease. II. Values for lymphocytes, monocytes, and eosinophils. Weinberg AG, et al. **J Pediatr** 1985 Mar;106(3):462–6

Leukostasis thrombi [letter] McCarthy LJ. **JAMA** 1985 Aug 2;254(5):613

Altered immunologic function and nitrogen metabolism associated with depression of plasma growth hormone. Dahn MS, et al. **JPEN** 1984 Nov–Dec;8(6):690–4

Reference range for lymphocyte counts in health [letter] Robbins G, et al. **Lancet** 1984 Nov 10;2(8411):1094

Monitoring of T-lymphocyte regeneration following allogeneic bone marrow transplantation using monoclonal antibodies. Gratama JW, et al. **Neth J Med** 1985; 28(3):128–33

Patients with acute abdominal pain: white cell and neutrophil counts as predictors of the surgical acute abdomen. Patrick GL, et al. **NZ Med J** 1985 May 8;98(778):324–6

The effect of Biseptol 480 on the spleen and the view of rat peripheral blood after surgical removal of the liver lobe. Zarebska A. **Patol Pol** 1984 Apr–Jun;35(2):223–30

White blood cells and acute phase reactants in neonatal sepsis. Philip AG. **Pediatrie** 1984 Jul–Aug;39(5):371–8

The role of peripheral lymphocytes in the prediction of recurrence in Crohn's disease. Heimann TM, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):295–8

Control values of lymphocyte subsets in healthy volunteers [letter] Lennard TW, et al. **Transplantation** 1985 Sep; 40(3):341–2

[The effect of overheating on the level of growth hormone and large granular lymphocytes (LGL) in the blood] Korčáková L, et al. **Cas Lek Cesk** 1985 Feb 15; 124(7):198–200 (Eng. Abstr.) **(Cze)**

[NK cells in children] Mydlil J, et al. **Cesk Pediatr** 1985 Apr; 40(4):201–3 (Eng. Abstr.) **(Cze)**

[Microaggregate-poor blood used as leukocyte-poor blood] Skottun T, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2780-1 (Eng. Abstr.) **(Dan)**

[The inaccuracy of the quotient of 2 percentages obtained in the differentiation of leukocytes] Rümke CL. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):443–5 **(Dut)**

[The unreliability of the determination of the blood lymphocyte count] Rümke CL. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):493–5 **(Dut)**

[Significance of the differential leukocyte count for the demonstration and the exclusion of the presence of atypical cells] Rümke CL. **Ned Tijdschr Geneeskd** 1985 May 18; 129(20):940–3 **(Dut)**

[Effect of lithium carbonate on the leukocyte count after exposure to ionizing radiation. 3. Influence of lithium carbonate on the leukocyte count in peripheral blood following fractionated caudal half-body irradiation] Rose H, et al. **Radiobiol Radiother (Berl)** 1985;26(1):109–11 (Eng. Abstr.) **(Ger)**

[Effect of lithium carbonate on the leukocyte count after exposure to ionizing radiation. 2. Influence of lithium carbonate on the leukocyte ratio in peripheral blood] Rose H, et al. **Radiobiol Radiother (Berl)** 1985;26(1):103–7 (Eng. Abstr.) **(Ger)**

[Lymphocyte populations in bronchoalveolar lavage fluid in various interstitial lung diseases] Müller S, et al. **Z Erkr Atmungsorgane** 1984;163(2):140–5 (Eng. Abstr.) **(Ger)**

[Lymphocyte subpopulations in psoriatic arthritis] Schnabel I, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):539–40 (Eng. Abstr.) **(Ger)**

[Peripheral blood cell counts and differential analysis in healthy women at 3 months postpartum. Increase in lymphocyte count and influence of lactation] Fujiyasu S, et al. **Rinsho Byori** 1984 Aug;32(8):909–12 **(Jpn)**

[Significance of the granular lymphocyte (NK cells) count in the peripheral blood] Odajima H, et al. **Rinsho Byori** 1985 Jan;33(1):77–81 **(Jpn)**

[Prediction of remission in adult acute leukemia—the application of LDH/LCBM Index in a remission predictive model] Miyachi H, et al. **Rinsho Ketsueki** 1984 Oct; 25(10):1626-9 (Eng. Abstr.) **(Jpn)**

[B-, T- and null lymphocytes of peripheral blood in infectious mononucleosis] Janeczko J, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):39-44 (Eng. Abstr.) **(Pol)**

[Leukocyte system of the peripheral blood in infectious mononucleosis] Janeczko J. **Pol Tyg Lek** 1984 Sep 17; 39(38):1259-63 (Eng. Abstr.) **(Pol)**

[Effect of splenectomy on the leukocyte count during the treatment of children with Hodgkin's disease] Armata J, et al. **Wiad Lek** 1984 Sep 1;37(17):1320-5 (Eng. Abstr.) **(Pol)**

[Changes in the level of eosinophils, corticosterone and catecholamine metabolism in the dynamics of emotional-painful stress] Malyshev VV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):267-9 (Eng. Abstr.) **(Rus)**

[Value of indirect determination of leukemic infiltration of the liver based on clinical findings and findings in the bone marrow and peripheral blood in patients with chronic leukemia] Todorović M, et al. **Lijec Vjesn** 1984 Nov-Dec; 106(11-12):452-5 (Eng. Abstr.) **(Scr)**

[Levels of eosinophils in the peripheral blood in intestinal parasitic diseases before antiparasitic treatment and after antiparasitic treatment] Szilágyiová M, et al. **Bratisl Lek Listy** 1985 Jan;83(1):75-9 (Eng. Abstr.) **(Slo)**

[Pseudothrombocytopenia and pseudoleukocytosis (letter)] Grau Segura E, et al. **Med Clin (Barc)** 1985 May 11; 84(18):754 **(Spa)**

[Quality control of concentrates of platelets and leukocytes] Puig L, et al. **Sangre (Barc)** 1984;29(6):1055-6 **(Spa)**

DRUG EFFECTS

Myelosuppression associated with co-trimoxazole as a prophylactic antibiotic in the maintenance phase of childhood acute lymphocytic leukemia. Woods WG, et al. **J Pediatr** 1984 Oct;105(4):639-44

INSTRUMENTATION

Evaluation of the Coulter S-Plus IV three-part differential in an acute care hospital. Griswold DJ, et al. **Am J Clin Pathol** 1985 Jul;84(1):49-57

Evaluation of the Coulter three-part differential screen. Ross DW, et al. **Am J Clin Pathol** 1985 Oct;84(4):481-4

Detection of abnormal haemoglobins by the Technicon H6000 automated cell counter [letter] Rees J. et al. **Br J Haematol** 1985 Apr;59(4):734-6

The estimation of the lymphocyte percentage by the Coulter Counter Model S Plus III. Bain B, et al. **Clin Lab Haematol** 1984;6(3):273-85

Adaptation of the May-Grünwald-Giemsa staining method for automated differential counting of blood leukocytes by a Hematrak analyzer. Penttilä IM, et al. **Scand J Haematol** 1985 Mar;34(3):274-80

[Elimination of foreign impulses in leukocyte counting with the Picoscale type PS-4] Herrmann J, et al. **Z Med Lab Diagn** 1985;26(4):237 **(Ger)**

METHODS

Sensitivity for the detection of leukemic cells [letter] **Acta Haematol (Basel)** 1984;72(2):140-3

A method for measuring polymorphonuclear leukocyte concentrations in nasal mucus. Farr B, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;413:15-8

A simultaneous assay for T-cells and B-cells using Immunobeads. Baran MM, et al. **Am J Clin Pathol** 1985 Feb;83(2):182-9

A comparison of differential white blood cell counts using manual technic and the Coulter S-Plus IV. Greendyke RM, et al. **Am J Clin Pathol** 1985 Sep;84(3):348-50

Laboratory evaluation of the Coulter 'three-part electronic differential'. Nelson L, et al. **Am J Clin Pathol** 1985 May; 83(5):547-54

An intralaboratory evaluation of the Coulter S+II lymphocyte percent (CLy%) as indicative of actual lymphocyte numbers in blood. Savage RA. **Am J Clin Pathol** 1985 Jan;83(1):34-9

Rapid accurate absolute granulocyte count determination during severe leukopenia using the flow cytometer. Johnson KL, et al. **Am J Hematol** 1985 Feb;18(2):171-7

A clinical trial of three-part electronic differential white blood cell counts. Charache S, et al. **Arch Intern Med** 1985 Oct;145(10):1852-5

Evaluation of an automated method for leukocyte differential counts based on electronic volume analysis. Allen JK, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):534-9

Circulating Sézary cells. A new preparatory method for their identification and enumeration. Fletcher V, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):954-8

Immunohistochemical characterization of lymphocytes in uninflamed ventricular myocardium. Implications for myocarditis. Linder J, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):917-20

A simple method for electronic counting of rosette forming human blood lymphocytes. Sandberg G, et al. **Clin Exp Immunol** 1985 Feb;59(2):499-504

Flow cytometric enumeration of absolute lymphocyte number in peripheral blood using two parameters of light scatter. Smart YC, et al. **Cytometry** 1985 Mar;6(2):172-4

T cell and T cell subset determination in normal peripheral blood: comparison of the indirect immunofluorescence and lymphocytotoxicity techniques. Patel R, et al. **Experientia** 1984 Dec 15;40(12):1412-3

A comparison of methods for enumerating lymphocyte classes. Blann AD, et al. **Immunol Lett** 1985;9(1):49-51

Reliability of detection of leucocyturia by means of the dip-stick Cytur-Test. Kaltenis P, et al. **Int Urol Nephrol** 1984;16(3):233-5

Detection and enumeration of monocytes in human blood with peanut agglutinin. Rosenberg M, et al. **J Immunol Methods** 1985 Jul 16;81(1):7-13

Identification and quantification of monocytes in bovine mononuclear cells. Nagahata H, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):325-8

Quantification of the distribution of the marginating granulocyte pool in man. Peters AM, et al. **Scand J Haematol** 1985 Feb;34(2):111-20

Automated cytochemical differential leucocyte count in patients hospitalized with acute bacterial infections. Myhre EB, et al. **Scand J Infect Dis** 1985;17(2):201-8

UTILIZATION

Third leukocyte differential counts: utilization study in a general hospital [letter] McLeish WA. **Can Med Assoc J** 1985 Mar 15;132(6):616-7

VETERINARY

Changes in leukocyte count, blood glucose and coagulation system in calves injected with Escherichia coli endotoxin. Yagi Y, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):158-60

[Dynamics of the white blood cell picture during prolonged stress of training in the dog] Konrád J, et al. **Vet Med (Praha)** 1984 Dec;29(12):729-37 (Eng. Abstr.) **(Cze)**

LEUKOCYTE CULTURE TEST, MIXED

Enhancement of the autologous mixed lymphocyte reaction in patients with Chagas' heart disease. Barral AP, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1078-83

Impaired killer cell generation in the autologous mixed leukocyte reaction by rheumatoid arthritis lymphocytes. Goto M, et al. **Arthritis Rheum** 1985 Jul;28(7):731-41

Characterization of the defective autologous mixed lymphocyte response in rheumatoid arthritis. Pope RM, et al. **Arthritis Rheum** 1984 Nov;27(11):1234-44

The relation between technical variation and the mean in the mixed lymphocyte reaction in the rat. Hibberd AD, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):711-5

Mixed lymphocyte reaction suppression by tumour cell lines from naturally occurring squamous cell carcinomata. Al-Yaman FM, et al. **Aust J Exp Biol Med Sci** 1985 Apr; 63 (Pt 2):183-93

Analysis of responder cell-cell interactions in the syngeneic mixed leukocyte response. Glimcher LH, et al. **Cell Immunol** 1985 Jun;93(1):157-67

The early (18-hr) human mixed lymphocyte reaction: identification and isolation of activated T-cell clones. Ythier AA, et al. **Cell Immunol** 1985 Mar;91(1):215-26

Defective autologous mixed lymphocyte reactions in patients with renal insufficiency--evidence for cellular and serum factors. Frymoyer PA, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):189-96

The role of xenoantigen in the human autologous mixed lymphocyte reaction: ability to respond in the absence of exposure to xenoantigen depends on the method of T-cell preparation. Naides SJ, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):216-26

Abnormalities in autologous mixed lymphocyte reaction-activated immunologic processes in systemic lupus erythematosus and their possible correction by interleukin 2. Takada S, et al. **Eur J Immunol** 1985 Mar;15(3):262-7

Definition of DW8.2 by primary and secondary mixed lymphocyte cultures. Herrera F, et al. **Hum Immunol** 1985 Jan;12(1):9-21

Stimulation of the murine mixed leukocyte reaction: optimal proliferation of responders requires activation of stimulators. Roy C, et al. **Immunobiology** 1985 Mar; 169(2):103-15

The biological effect of three thymosin fraction 5 polypeptides in the murine mixed lymphocyte reaction. Baxevanis CN, et al. **Immunology** 1985 Apr;54(4):723-30

Mixed leucocyte reaction (MLR) in the snake Psammophis sibilans. Farag MA, et al. **Immunology** 1985 May; 55(1):173-81

Autologous mixed lymphocyte reaction in man: XV. Cellular and molecular basis of deficient autologous mixed lymphocyte response in insulin-dependent diabetes mellitus. Chandy KG, et al. **J Clin Immunol** 1984 Nov; 4(6):424-8

Differential effect of anti-beta 2-microglobulin on IL 2 production and IL 2 receptor expression in the primary mixed lymphocyte culture reaction. Chouaib S, et al. **J Immunol** 1985 Feb;134(2):940-8

Immune responses in vitro. XIII. MLR detectability of Mlsa-, Mlsb-, Mlsc-, and Mlsd-encoded products. Click RE, et al. **J Immunol** 1985 May;134(5):2948-52

Cellular requirements for the generation of primary cell-mediated lympholysis responses to Qa-1 antigens. Huston DP, et al. **J Immunol** 1985 Apr;134(4):2198-204

The immunobiology of the T cell response to Mls-locus-disparate stimulator cells. I. Unidirectionality, new strain combinations, and the role of Ia antigens. Janeway CA Jr, et al. **J Immunol** 1985 Apr;134(4):2057-63

Functional analysis of cloned macrophage hybridomas. IV. Induction and inhibition of mixed lymphocyte responses. Ju ST, et al. **J Immunol** 1985 Jun;134(6):3722-30

The immunobiology of T cell responses to Mls-locus-disparate stimulator cells. II. Effects of Mls-locus-disparate stimulator cells on cloned, protein antigen-specific, Ia-restricted T cell lines. Katz ME, et al. **J Immunol** 1985 Apr;134(4):2064-70

The proliferative response of cloned Peyer's patch switch T cells to syngeneic and allogeneic stimuli. Kawanishi H, et al. **J Immunol** 1985 Jun;134(6):3586-91

Regulation of the growth of Epstein-Barr virus-infected B cells. I. Growth regression by E rosetting cells from VCA-positive donors is a combined effect of autologous mixed leukocyte reaction and activation of T8+ memory cells. Konttinen YT, et al. **J Immunol** 1985 Apr; 134(4):2287-93

T cell responses to Mls determinants are restricted by cross-reactive MHC determinants. Lynch DH, et al. **J Immunol** 1985 Apr;134(4):2071-8

T cell repopulation from functionally restricted splenic progenitors: 10,000-fold expansion documented by using limiting dilution analyses. Miller RA, et al. **J Immunol** 1984 Dec;133(6):2925-32

Influence of asparagine-linked oligosaccharides on tumor cell recognition in the mixed lymphocyte reaction. Powell LD, et al. **J Immunol** 1985 Jul;135(1):714-24

T cell synergy in the primary MLR: proliferative kinetics, effector cell generation, and IL 2 production. Salomon DR, et al. **J Immunol** 1984 Dec;133(6):3075-83

Further characterization of low density mononuclear cells: FACS-assisted analysis of human MLR stimulators. Santiago-Schwarz F, et al. **J Immunol** 1985 Feb; 134(2):779-85

Two distinct class II molecules encoded by the genes within HLA-DR subregion of HLA-Dw2 and Dw12 can act as stimulating and restriction molecules. Sone T, et al. **J Immunol** 1985 Aug;135(2):1288-98

Inhibition of mixed lymphocyte response by a rat monoclonal antibody to a novel murine lymphocyte activation antigen (MALA-2). Takei F. **J Immunol** 1985 Mar;134(3):1403-7

Comparison of a medium supplement--'Nu-Serum'--and foetal calf serum in RPMI 1640 used for the murine allogeneic mixed lymphocyte reaction. Gibb IA, et al. **J Immunol Methods** 1985 Jul 16;81(1):107-13

Mixed lymphocyte culture (MLC) test and living related donor kidney transplantation. Suleiman AB, et al. **Med J Malaysia** 1984 Mar;39(1):56-8

Experience with mixed leukocyte reactions in immunocompetency evaluations. Bowles CA, et al. **Prog Clin Biol Res** 1984;161:53-7

The influence of haematoporphyrin derivative and visible light on murine skin graft survival, epidermal Langerhans cells and stimulation of the allogeneic mixed leucocyte reaction. Gruner S, et al. **Scand J Immunol** 1985 Mar; 21(3):267-73

Autologous mixed lymphocyte reaction in man. XI. Deficiency of autologous mixed lymphocyte reaction and abnormalities of monoclonal antibody-defined T-cell subsets in chronic mucocutaneous candidiasis. Gupta S. **Scand J Immunol** 1985 Jun;21(6):525-30

The new HLA-DRw6- and 8- associated HLA-Dw HAG specificity defined by homozygous typing cell 9W 1802. Analysis with primed lymphocyte typing clones. Pawelec G, et al. **Tissue Antigens** 1984 Nov;24(5):292-301

Optimum cell numbers for mixed lymphocyte responses in hanging-drop microcultures. Taylor GM, et al. **Tissue Antigens** 1984 Sep;24(3):129-39

Allogeneic bone marrow transplantation with related donors other than HLA MLC-matched siblings, and the use of antithymocyte globulin, prednisone, and methotrexate for prophylaxis of graft-versus-host disease. Filipovich AH, et al. **Transplantation** 1985 Mar;39(3):282-5

Percoll separation of leukemic leukocytes for MLC matching prior to bone marrow transplantation. Hakos G, et al. **Transplantation** 1985 Mar;39(3):323-6

The impact of low donor-specific MLR versus HLA-DR compatibility on kidney graft survival. Langhoff E, et al. **Transplantation** 1985 Jan;39(1):18-21

The effectiveness of anti-Ia-immunotoxins in the suppression of MLR. Nakahara K, et al. **Transplantation** 1985 Jul; 40(1):62-7

HLA-DR typing as a predictor of MLC compatibility. Radvany RM, et al. **Transplantation** 1984 Oct;38(4):347-51

The impaired ability of human monocytes to stimulate autologous and allogeneic mixed lymphocyte reactions after exposure to cyclosporine. Associated alterations of HLA-DR expression and physical characteristics of monocytes. Whisler RL, et al. **Transplantation** 1985 Jul; 40(1):57-61

Feline one-way mixed leukocyte reaction. Stiff MI, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):1-9

[Autologous mixed lymphocyte culture (AMLC)] Volk HD, et al. **Allerg Immunol (Leipz)** 1984;30(2):60-73 (Eng. Abstr.) **(Ger)**

[Effect of anti-inflammatory drugs on transformation of human T-lymphocytes to blast-like cells induced by PHA and on one-way mixed lymphocyte reaction] Oshizawa T, et al. **Eisei Shikenjo Hokoku** 1984;(102):36-9 (Eng. Abstr.) **(Jpn)**

[Immunological studies on renal transplantation. V. Evaluation of mixed lymphocyte culture reaction based on protein synthesis] Kanda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):231-8 (Eng. Abstr.) **(Jpn)**

[Immunological studies on renal transplantation. II. Application of flow cytometry to mixed lymphocyte culture reaction] Kanda H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):945-50 (Eng. Abstr.) **(Jpn)**

[Symposium on mechanisms of host defense from fundamental and clinical medicine. 4. Significance of autologous mixed lymphocyte reaction-activated immune circuits for maintaining normal immune homeostasis in humans] Sakane T. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1756-61 **(Jpn)**

METHODS

Recognition of a positive MLR within 4 hours using a carrier free electrophoresis system. Eckstein R, et al. **Blut** 1985 Apr;50(4):233-41

Capacity of small B cell-enriched populations to stimulate mixed lymphocyte reactions: marked differences between irradiated vs. mitomycin C-treated stimulators. Webb SR, et al. **Eur J Immunol** 1985 Jan;15(1):92-6

Recalcified plasma as nutrient additive in mixed lymphocyte culture. Duffy BF, et al. **J Immunol Methods** 1985 May 23;79(2):223-9

Rapid expansion of allospecific cytotoxic T cell clones using nonspecific feeder cell lines without further addition of exogenous IL2. van de Griend RJ, et al. **Transplantation** 1984 Oct;38(4):401-6

LEUKOCYTE MIGRATION INHIBITORY FACTORS see under **LYMPHOKINES**

LEUKOCYTE NUMBER see **LEUKOCYTE COUNT**

LEUKOCYTES

see related
PHAGOCYTOSIS

Leukopoor platelet concentrates: a direct comparison of three blood filters. Medeiros LJ, et al. **Ann Clin Lab Sci** 1985 May-Jun;15(3):237-40

The importance of leukocyturia in young adults. Benbassat J, et al. **Arch Intern Med** 1985 Jan;145(1):79-80

Comparison of indium 111-labeled platelets v leukocytes in a pyogenic abscess. Wright TP, et al. **Arch Surg** 1985 Feb; 120(2):137-41

Leucocyte removal prior to study of erythrocyte deformability. Stuart J, et al. **Biorheology** 1984;Suppl 1:283-5

Acute tentorial subdural hematoma as a false-positive in indium-111 leukocyte scintigraphy. Dudiak CM, et al. **Clin Nucl Med** 1985 Jul;10(7):513-4

Discordant gallium-67 and indium-111 leukocyte images in a suspected pelvic abscess. Intenzo C, et al. **Clin Nucl Med** 1984 Nov;9(11):654

Detection of clinically unsuspected pyometrium with indium-111 leukocyte scintigraphy. Rubenstein JB, et al. **Clin Nucl Med** 1985 Apr;10(4):287

Harvesting of leukocytes from intestinal lumen in murine giardiasis and preliminary characterization of these cells. Heyworth MF, et al. **Dig Dis Sci** 1985 Feb;30(2):149-53

Influence of betamethasone on the composition of inflammatory exudate in the horse: a preliminary report. Lees P, et al. **Equine Vet J** 1984 Nov;16(6):539-41

Scintigraphic demonstration of subcutaneous abscesses with 99mTc-labeled leukocytes. Kelbaek H, et al. **Eur J Nucl Med** 1985;10(7-8):302-3

Leucocyte and contaminant cell-bound activities resulting from the labelling of leucocytes with 111In-oxine. Mountford PJ, et al. **Eur J Nucl Med** 1985;10(7-8):304-7

Use of 111In-labeled autologous leukocytes to image an abdominal abscess in a horse. Koblik PD, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1319-22

Hepatic abscesses associated with Crohn's disease detected by 111Indium leucocyte scanning. Saverymuttu SH, et al. **J Clin Gastroenterol** 1985 Jun;7(3):273-6

The early diagnosis of Campylobacter enteritis by wet-mount examination. Murray BJ. **J Fam Pract** 1985 Mar;20(3):305-8

Centrifugation of normal and rheumatoid arthritis blood on Ficoll-Hypaque and Ficoll-Nycodenz solutions. McCarthy DA, et al. **J Immunol Methods** 1984 Oct 26;73(2):415-25

Indium-111-oxine-labeled leukocyte imaging. Palace FM, et al. **J Med Soc NJ** 1984 Nov;81(11):959-63

Indium-111 leukocyte imaging in colitis induced by Clostridium difficile [letter] Asbill MC, et al. **J Nucl Med** 1985 Mar;26(3):315-6

No difference in sensitivity for occult infection between tropolone- and oxine-labeled indium-111 leukocytes. Datz FL, et al. **J Nucl Med** 1985 May;26(5):469-73

Evaluation of indium-111-2-mercaptopyridine-N-oxide for labeling leukocytes in plasma: a kit preparation. Thakur ML, et al. **J Nucl Med** 1985 May;26(5):518-23

Nonmigration of indium-111-labeled leukocytes into healing sterile incisions in rats. Abdel-Nabi H, et al. **J Nucl Med Allied Sci** 1984 Apr-Jun;28(2):99-102

The role of an indium leukocyte scan in the diagnosis of a pyeloduodenal fistula associated with spontaneous disappearance of a staghorn calculus. Shortliffe LM. **J Urol** 1985 Jun;133(6):1020-1

Indium 111-labeled leukocyte scanning for detection of prosthetic vascular graft infection. Lawrence PF, et al. **J Vasc Surg** 1985 Jan;2(1):165-73

The relationships of leucocytes in peripheral blood and in infected and uninfected ascitic fluid. Vinel JP, et al. **Neth J Med** 1984;27(7):253-7

Diagnosis of brain abscesses with indium-111-labeled leukocytes. Rehncrona S, et al. **Neurosurgery** 1985 Jan; 16(1):23-6

Time course of indium-111 oxine labelling of human leukocytes. Ponto JA, et al. **Nucl Med Commun** 1984 Dec; 5(12):769-73

White blood cell transfusions [letter] Dekat L, et al. **Pediatrics** 1985 Jun;75(6):1170-1

In-111 labeled leukocytes: a review of problems in image interpretation. McAfee JG, et al. **Radiology** 1985 Apr; 155(1):221-9

A randomized study comparing leukocyte-depleted versus packed red cell transfusions in prospective cadaver renal allograft recipients. Sanfilippo FP, et al. **Transfusion** 1985 Mar-Apr;25(2):116-9

[Urine testing with a test strip: criteria for the exclusion of normal specimens from the microscopic sediment study] Häfner J, et al. **Schweiz Med Wochenschr** 1984 Dec 15; 114(50):1883-6 (Eng. Abstr.) **(Ger)**

[Comparison of the drop and capillary technics of the leukocyte migration inhibition test in the detection of sensitization to candidin] Emmrich J, et al. **Z Gesamte Inn Med** 1985 Feb 1;40(3):66-9 (Eng. Abstr.) **(Ger)**

[Production of leukocyte-poor blood. Experience with new disposable filters] Leivestad T. **Tidsskr Nor Laegeforen** 1984 Nov 10;104(31):2175-8 (Eng. Abstr.) **(Nor)**

[Case of complete Alder's anomaly of the peripheral blood leukocytes] Proklova IS, et al. **Lab Delo** 1985;(4):223-5 (Eng. Abstr.) **(Rus)**

[Chemiluminescence of the leukocyte mass in the diagnosis of acute myocardial infarction] Korochkin IM, et al. **Ter Arkh** 1984;56(8):29-31 **(Rus)**

[Gammagraphy using indium 111-labeled leukocytes in inflammatory intestinal disease] Casellas F, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):129-32 (Eng. Abstr.) **(Spa)**

[Leukocytes labeled with 111In in the localization of abscesses (letter)] González Alenda FJ, et al. **Med Clin (Barc)** 1985 May 25;84(20):843 **(Spa)**

ANALYSIS

Beta-adrenoceptor function of leukocytes in pregnant women treated with terbutaline for preterm labor. Berg G, et al. **Acta Obstet Gynecol Scand** 1984;63(6):555-61

UV-absorbance profile of human leukocytic ultrafiltrate after affinity chromatography on immobilized m-aminophenyl boronic acid: implication for transfer factor purification. Borvák J, et al. **Acta Virol (Praha)** 1985 Mar;29(2):119-28

Purification and partial sequence analysis of human interleukin-2 derived from peripheral blood leukocytes. Kato K, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):182-90

Purification of human gamma-interferon to essential homogeneity and its biochemical characterization. Braude IA. **Biochemistry** 1984 Nov 6;23(23):5603-9

Expression of human c-fes onc-gene occurs at detectable levels in myeloid but not in lymphoid cell populations. Ferrari S, et al. **Br J Haematol** 1985 Jan;59(1):21-5

A rapid method for the extraction and purification of DNA from human leukocytes. Potter AA, et al. **Cancer Lett** 1985 Apr;26(3):335-41

Differential expression of ganglioside GD3 by human leukocytes and leukemia cells. Siddiqui B, et al. **Cancer Res** 1984 Nov;44(11):5262-5

Leukocyte membrane proteins in chronic lymphocytic leukemia, as studied by two-dimensional gel electrophoresis. Willard-Gallo KE, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2069-77

Horse leucocyte proteinase-inhibitor system. Kinetic parameters of the inhibition reaction. Dubin A, et al. **Int J Biochem** 1985;17(4):509-13

A coupled amidolytic assay for thromboplastin (tissue factor) using a fluogenic substrate: its application to monkey leukocyte tissue factor. Nakamura S. **J Biochem (Tokyo)** 1985 Feb;97(2):705-7

Human endothelial cell cultures: phenotypic modulation by leukocyte interleukins. Montesano R, et al. **J Cell Physiol** 1985 Mar;122(3):424-34

A simple microplate assay for the determination of cellular protein. Baumgarten H. **J Immunol Methods** 1985 Sep 3; 82(1):25-37

Direct inactivation of viruses by MCP-1 and MCP-2, natural peptide antibiotics from rabbit leukocytes. Lehrer RI, et al. **J Virol** 1985 May;54(2):467-72

Identification of an additional class of C3-binding membrane proteins of human peripheral blood leukocytes and cell lines. Cole JL, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):859-63

[Electrophoretic detection of protein p53 in human leukocytes] Paponov VD, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):188-91 (Eng. Abstr.) **(Rus)**

[Electrophoretic analysis of the characteristics of the protein composition of leukocytes from Down's syndrome patients] Paponov VP, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):50-2 (Eng. Abstr.) **(Rus)**

[Method of isolating and fractionating glycosaminoglycans from human blood cells] Kharchenko MF, et al. **Lab Delo** 1984;(9):534-7 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Evaluation of the Coulter S-Plus IV three-part differential in an acute care hospital. Griswold DJ, et al. **Am J Clin Pathol** 1985 Jul;84(1):49-57

Monoclonal antibody analysis of glomerular hypercellularity in human glomerulonephritis. Hooke DH, et al. **Clin Nephrol** 1984 Oct;22(4):163-8

Flow cytometry of leukocytes after intravenous fluorescein angiography. Felberg NT, et al. **Cytometry** 1985 Jan; 6(1):74-6

Leukocyte subset analysis and related immunological findings in acquired immunodeficiency disease syndrome (AIDS) and malignancies. Hersh EM, et al. **Diagn Immunol** 1983; 1(3):168-73

Mononuclear cells infiltrating human mammary carcinomas: immunohistochemical analysis with monoclonal antibodies. Hurlimann J, et al. **Int J Cancer** 1985 Jun 15;35(6):753-62

Normal values for the different classes of venous blood mononuclear cells defined by monoclonal antibodies. Goff LK, et al. **J Clin Pathol** 1985 Jan;38(1):54-9

Phylogeny of lymphocyte heterogeneity: the cellular requirements for in vitro mitogenic responses of channel catfish leukocytes. Sizemore RC, et al. **J Immunol** 1984 Dec;133(6):2920-4

The effect of anaesthesia and surgery for benign disease of the upper urinary tract on circulating leucocyte subpopulations identified with monoclonal antibodies. Ritchie AW, et al. **Urol Res** 1984;12(6):267-9

[Significance of the differential leukocyte count for the demonstration and the exclusion of the presence of atypical cells] Rümke CL. **Ned Tijdschr Geneeskd** 1985 May 18; 129(20):940-3 **(Dut)**

CYTOLOGY

Quantitative buffy coat analysis. A hematologic screen applicable to the selection of apheresis donors. Solomon HM, et al. **Am J Clin Pathol** 1985 Oct;84(4):490-5

Comparison of total white blood cell count and total protein content of lumbar and cisternal cerebrospinal fluid of healthy dogs. Bailey CS, et al. **Am J Vet Res** 1985 May; 46(5):1162-5

Plasma protein and total leucocyte counts as affected by cooling in buffaloes (Bos bubalis) during summer. Bahga CS, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):289-92

Mononuclear cell types in chronic synovial effusions of Ross River virus disease. Fraser JR, et al. **Aust NZ J Med** 1984 Aug;14(4):505-6

Merocyanine 540 staining of human leukemic cells: relation to stage of disease. Choquet C, et al. **Biomed Pharmacother** 1985;39(1):26-31

Specific nuclear staining of leukocytes, macrophages and mast cells using a diaminobenzidine-cobalt chloride mixture. Dueñas JL, et al. **Cell Mol Biol** 1984;30(6):525-8

Separation of leucocytes in the dogfish (Scyliorhinus canicula) using density gradient centrifugation and differential adhesion to glass coverslips. Mainwaring G, et al. **Cell Tissue Res** 1985;241(2):283-90

Neutrophil mean peroxidase: a biologically interesting parameter with a potential for WBC differential quality control. Hewitt J, et al. **Clin Lab Haematol** 1985;7(1):33-42

Aggregate formation in cryopreserved leukocyte suspensions. Tsvetkov T, et al. **Cryobiology** 1985 Feb;22(1):35-9

An easy-to-build-timer for kinetic measurements in flow cytometry. Beumer T, et al. **Cytometry** 1984 Nov; 5(6):648-51

Demonstration that circulating human blood cells have no detectable alpha 1-adrenergic receptors by radioligand binding analysis. Casale TB, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):812-8

Leukocyte kinetics in the human lung: role of exercise and catecholamines. Muir AL, et al. **J Appl Physiol** 1984 Sep; 57(3):711-9

Leukocyte cell populations in hereditary muscular dystrophic chickens. Dietert RR, et al. **J Hered** 1985 Jul-Aug; 76(4):285-8

Identification of leucocytes within the human chorion laeve. Bulmer JN, et al. **J Reprod Immunol** 1985 Jan;7(1):89-92

Circadian variation of ova excretion, proteinuria, hematuria, and leukocyturia in urinary schistosomiasis. Doehring E, et al. **Kidney Int** 1985 Apr;27(4):667-71

Changes in piglet leucocytes, B lymphocytes and plasma cortisol from birth to three weeks after weaning. McCauley I, et al. **Res Vet Sci** 1984 Sep;37(2):234-41

Colorimetry for the stain technologist. III. The specification of color difference. Marshall PN, et al. **Stain Technol** 1984 Nov;59(6):343-52

Increased yield of leukocytes from blood stored overnight [letter] Rácz Z, et al. **Transfusion** 1984 Sep-Oct;24(5):411-2

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cysts: 1. Kinetics and composition of inflammatory infiltrates. Treves S, et al. **Tropenmed Parasitol** 1984 Sep;35(3):183-8

[Influence of chronic smoking on leukocytes] Vanuxem D.

et al. **Respiration** 1984;46(3):258-64 (Eng. Abstr.) **(Fre)**

[Identification of mononuclear phagocytes by means of latex-particle and IgG-opsonized latex particle phagocytosis and nonspecific esterase staining] Fattorossi A, et al. **Ric Clin Lab** 1984;14 Suppl 2:101-4 **(Ita)**

[Values for red blood cells, leukocytes and platelets during the first 8 weeks of life at an altitude of 2,650 meters] Mejía-Domínguez AM, et al. **Bol Med Hosp Infant Mex** 1985 May;42(5):297-305 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Numerical changes in the various peripheral white blood cells in children as a result of antineoplastic therapy. Cranendonk E, et al. **Acta Haematol (Basel)** 1984; 72(5):315-25

Effects of betamethasone on white blood cells in patients with premature rupture of the membranes and preterm labor. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):439-41

Amphotericin B causes aggregation of neutrophils and enhances pulmonary leukostasis. Berliner S, et al. **Am Rev Respir Dis** 1985 Sep;132(3):602-5

Carbon tetrachloride-induced eicosanoid synthesis and enzyme release from rat peritoneal leucocytes. Lynch TJ, et al. **Biochem Pharmacol** 1985 May 1;34(9):1515-22

Effects of bacterial lipopolysaccharides (LPS) on leukocytes and platelets. Recent views on the pathophysiological role of LPS in the host. Jirillo E, et al. **Boll Ist Sieroter Milan** 1982;61(4):285-93 (53 ref.)

The ability of thapsigargin and thapsigargicin to activate cells involved in the inflammatory response. Ali H, et al. **Br J Pharmacol** 1985 Jul;85(3):705-12

Oxidative properties of 12-O-tetradecanoylphorbol-13-acetate-stimulated human blood monomorphonuclear leukocytes and their toxicity against a human lung carcinoma cell line. Gescher A, et al. **Cancer Res** 1985 Apr;45(4):1638-43

Evidence for an endothelial cell-derived factor which stimulates the growth of human peripheral blood mononuclear cells. MacCarthy EP, et al. **Cell Immunol** 1985 Apr 1;91(2):492-7

Effect of cyclosporine A on procoagulant activity in mononuclear blood cells and monocytes in vitro. Carlsen E, et al. **Clin Exp Immunol** 1985 May;60(2):407-16

Inhibition of in vivo leucocyte migration by NSAIDs. Scheja A, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):53-8

The effect of anticoagulants on Blennius pholis L. Leucocytes. Mainwaring G, et al. **Comp Biochem Physiol [A]** 1985;80(1):85-91

Peripheral blood in the Japanese quail (Coturnix coturnix japonica) in acute poisoning by different insecticides. Gromysz-Kałkowska K, et al. **Comp Biochem Physiol [C]** 1985;81(1):209-12

Erythrocytic and leukocytic responses to cadmium poisoning in a freshwater fish, Puntius conchonius Ham. Gill TS, et al. **Environ Res** 1985 Apr;36(2):327-37

Effect of Biseptol 480 on the spleen and on the peripheral blood leucocyte count of nephrectomized rats. Zarebska A. **Folia Morphol (Praha)** 1985;33(2):135-8

Effect of dengue virus-induced macrophage cytotoxin on functions of human blood leucocytes. Gulati L, et al. **Indian J Med Res** 1984 Jun;79:709-15

Effects of piroxicam on mononuclear cells. Comparison with other antiarthritic drugs. Gordon D, et al. **Inflammation** 1984 Jun;8 Suppl:S87-102

Inhibition of allergic histamine release by azelastine and selected antiallergic drugs from rabbit leukocytes. Chand N, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):451-5

Effects of anti-inflammatory drugs on rat paw oedema and leukocyte migration. Engler H, et al. **Int J Tissue React** 1985;7(2):133-5

Studies on the effects of ingestion of a single 500 mg oral dose of erythromycin stearate on leucocyte motility and transformation and on release in vitro of prostaglandin E2 by stimulated leucocytes. Anderson R, et al. **J Antimicrob Chemother** 1984 Jul;14(1):41-50

Morphine inhibits the carrageenan-induced oedema and the chemoluminescence of leucocytes stimulated by zymosan. Gyires K, et al. **J Pharm Pharmacol** 1985 Feb;37(2):100-4

Cyclosporin and leucocyte procoagulant activity [letter] **Lancet** 1985 Jun 15;1(8442):1396-7

Tricyclic antidepressant drugs affect histamine receptors in human leukocytes. Sadava D, et al. **Life Sci** 1984 Dec 17; 35(25):2545-8

The value of some cytoenzymochemical investigations of the leukocytes and platelets in estimating the effects of occupational exposure to benzene, vinyl chloride and carbon disulphide. Micu D, et al. **Med Interne** 1985 Apr-Jun;23(2):115-20

Atenolol-induced regulation of leukocyte beta 2-adrenoceptors in hypertension. Piantanelli L, et al. **Pharmacology** 1984;29(4):210-4

Study of the effect of Edikron on the immune system. Klíma J, et al. **Physiol Bohemoslov** 1985;34(2):183-7

Effects of calcium and verapamil on normal and tumor murine leukocytes. Borowitz JL, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):305-8

The influence of antibiotics on the immune system. II. Modulation of fish leukocyte responses in culture. Grondel JL, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):251-60

[Changes in the white blood picture and the T- and B-lymphocyte counts in the peripheral blood of pigs after treatment with E. coli endotoxin] Andonova M, et al. **Vet Med Nauki** 1984;21(6):101-6 (Eng. Abstr.) **(Bul)**

[Amantadine inhibits leukocytic histamine liberation (letter)] Pacheco Y, et al. **Therapie** 1985 Mar-Apr;40(2):135 **(Fre)**

[The effect of ethanol on luminol-dependent chemiluminescence of leukocytes] Barth J, et al. **Blutalkohol** 1984 Nov;21(6):464-70 (Eng. Abstr.) **(Ger)**

[Changes in the adherence of leukocytes as affected by phytohemagglutinin] Bartholmös G, et al. **Z Med Lab Diagn** 1984;25(8):432-5 (Eng. Abstr.) **(Ger)**

[Effect of multi-component injections on selected indicators of the blood of experimental animals. I] Krasowska M. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:203-8 (Eng. Abstr.) **(Pol)**

[Mechanism of the antimutagenic action of interferon: the capacity to protect the human cellular repair system] Shvetsova TP, et al. **Biull Eksp Biol Med** 1985 May; 99(5):599-600 (Eng. Abstr.) **(Rus)**

[Effect of interferon on the formation of sister chromatid exchanges and DNA reparative synthesis in the leukocytes of Marfan's syndrome patients defective in the repair of induced DNA damage] Makedonov GP, et al. **Dokl Akad Nauk SSSR** 1984;279(2):484-7 **(Rus)**

[Effect of solamid-1 on the immunobiological reaction of the body] Pis'ko GT, et al. **Gig Sanit** 1984 Nov;(11):91 **(Rus)**

[Significance of the coefficient of leukocyte movement in diagnosing an increased sensitivity to drugs] Evtod'eva MIa, et al. **Pediatriia** 1985 Jan;(1):33-4 **(Rus)**

ENZYMOLOGY

Adenylate cyclase activity in mononuclear leucocytes from patients with atopic dermatitis. Holden CA, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:149-51

Cyclic AMP-phosphodiesterase activity and histamine release in cord blood leukocyte preparations. McMillan JC, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:24-32

The effect of the glucocorticoid Prednisolut on the phenoloxidase containing cells (POC) of the blood and connective tissue. Schmidt H, et al. **Allerg Immunol (Leipz)** 1985;31(2):113-7

Detection of bacteriuria by leukocyte esterase, nitrite, and the automicrobic system. Bartlett RC, et al. **Am J Clin Pathol** 1984 Dec;82(6):683-7

Leukocyte esterase activity and nitrite test as a rapid screen for significant bacteriuria. Oneson R, et al. **Am J Clin Pathol** 1985 Jan;83(1):84-7

Evidence for two isozymes of leukocyte alkaline phosphatase in leukemic leukocytes. Miller DM, et al. **Am J Hematol** 1985 Feb;18(2):159-69

Isolation and characterization of DL-methylmalonyl-coenzyme A racemase from rat liver. Stabler SP, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):252-64

Catalysis by human leukocyte elastase: III. Steady-state kinetics for the hydrolysis of p-nitrophenyl esters. Stein RL. **Arch Biochem Biophys** 1985 Feb 1;236(2):677-80

Histochemical localization of acetylcholinesterase in blood cells. Falugi C. **Basic Appl Histochem** 1985;29(2):105-13

Synthetic inhibitors of human leukocyte elastase Part 1--Sulphated polysaccharides. Lentini A, et al. **Biochem Int** 1985 Feb;10(2):221-32

Involvement of leukocyte peroxidases in the metabolism of tenoxicam. Ichihara S, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1337-8

Characterization of soluble glutathione transferase activity in resting mononuclear leukocytes from human blood. Seidegård J, et al. **Biochem Pharmacol** 1984 Oct 1; 33(19):3053-8

Inhibition of human leukocyte elastase, cathepsin G, chymotrypsin A alpha, and porcine pancreatic elastase with substituted isobenzofuranones and benzopyrandiones. Hemmi K, et al. **Biochemistry** 1985 Apr 9;24(8):1841-8

Human leukocyte cathepsin G. Subsite mapping with 4-nitroanilides, chemical modification, and effect of possible cofactors. Tanaka T, et al. **Biochemistry** 1985 Apr 9;24(8):2040-7

Raman characterization of human leukocyte myeloperoxidase and bovine spleen green haemoprotein. Insight into chromophore structure and evidence that the chromophores of myeloperoxidase are equivalent. Babcock GT, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):58-66

Regulation of human leukocyte microsomal hydroxymethylglutaryl-CoA reductase activity by a phosphorylation and dephosphorylation mechanism. Harwood HJ Jr, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):245-51

A reappraisal of leukocyte dehydroascorbate reductase. Stahl RL, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):119-21

Inhibition of horse leucocyte proteinases by eglin, a proteinase inhibitor from leeches. Potempa J, et al. **Biomed Biochim Acta** 1985;44(2):335-9

Characterization of acute undifferentiated leukemia by combined analysis of plasma membrane-associated gamma-glutamyltranspeptidase and soluble terminal transferase. Heumann D, et al. **Blood** 1985 Aug;66(2):255-8

Hereditary interindividual differences in the glutathione transferase activity towards trans-stilbene oxide in resting human mononuclear leukocytes are due to a particular isozyme(s). Seidegård J, et al. **Carcinogenesis** 1985 Aug; 6(8):1211-6

The use of BMC Chemstrip 9 in the macroscopic urine screening procedure. Chu SY, et al. **Clin Biochem** 1984 Aug;17(4):249-52

Superoxide dismutase activity and zinc, copper, and manganese concentrations in leukocytes [letter] Ishigame K, et al. **Clin Chem** 1985 Jun;31(6):1094-5

Increase of GTP cyclohydrolase I activity in mononuclear blood cells by stimulation: detection of heterozygotes of GTP cyclohydrolase I deficiency. Blau N, et al. **Clin Chim Acta** 1985 May 15;148(1):47-52

Sodium taurocholate effect on beta-glucosidase activity: a new approach for identification of Gaucher disease using the synthetic substrate and leucocytes. Magalhães J, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):111-8

Diagnosis of Pompe's disease using leukocyte preparations. Kinetic and immunological studies of 1,4-alpha-glucosidase in human fetal and adult tissues and cultured cells. Shin YS, et al. **Clin Chim Acta** 1985 May 15;148(1):9-19

Usefulness of 4-methylumbelliferyl-6-sulfo-2-acetamido-2-deoxy-beta-sid e for the diagnosis of GM2 gangliosidoses in leukocytes. Inui K, et al. **Clin Genet** 1984 Oct;26(4):318-21

Optimal conditions for measurement of Na+,K+-ATPase activity of human leucocytes. Baron DN, et al. **Clin Sci** 1985 Feb;68(2):143-9

Comparative studies on the leucine aminopeptidase activity of different types of leukocytes. Nagaoka I, et al. **Comp Biochem Physiol [B]** 1984;79(2):147-51

Release of leukocyte elastase during hemodialysis. Effect of different dialysis membranes. Schaefer RM, et al. **Contrib Nephrol** 1985;46:109-17

Improved urine screening using a combination of leukocyte esterase and the Lumac system. Pfaller MA, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):243-50

Similarities between human and rat leukocyte elastase and cathepsin G. Virca GD, et al. **Eur J Biochem** 1984 Oct 1;144(1):1-9

Chromatofocusing coupled with automated assay for beta-hexosaminidase isoenzymes in GM2 gangliosidosis. Orlacchio A, et al. **Experientia** 1985 Apr 15;41(4):525-7

Proteolytic inactivation of human leukocyte elastase. Stein RL, et al. **Experientia** 1985 May 15;41(5):638-40

A new class of inhibitors of human leucocyte elastase. Hassall CH, et al. **FEBS Lett** 1985 Apr 22;183(2):201-5

(2'-5') oligo adenylate synthetase activity in leucocytes of patients with inflammatory bowel disease. Stalnikowicz R, et al. **Gut** 1985 Jun;26(6):556-61

Ultrastructural patterns of the alpha-naphthyl butyrate esterase activity in normal and leukaemic peripheral blood leucocytes. Fenoglio C, et al. **Histochem J** 1985 May; 17(5):595-604

Dependence of histochemical staining of leukocyte aminopeptidase upon its biochemical enzyme activity. Nagaoka I, et al. **Histochemistry** 1984;81(3):273-8

Interactions of the complex between human urinary trypsin inhibitor and human leukocyte elastase with alpha 1-proteinase inhibitor and alpha 2-macroglobulin. Jönsson BM, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec; 365(12):1403-8

Granulated intraepithelial lymphocytes: their relationship to mucosal mast cells and globule leucocytes in the rat. Huntley JF, et al. **Immunology** 1984 Nov;53(3):525-35

In vitro evidence that human airway lysozyme is cleaved and inactivated by Pseudomonas aeruginosa elastase and not by human leukocyte elastase. Jacquot J, et al. **Infect Immun** 1985 Feb;47(2):555-60

Elevated leukocyte phosphodiesterase as a basis for depressed cyclic adenosine monophosphate responses in the Basenji greyhound dog model of asthma. Chan SC, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):148-58

Purification and characterization of an aminopeptidase from bovine leukocytes. Aratani H, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):107-15

Leukotriene A4 hydrolase in human leukocytes. Purification and properties. Rådmark O, et al. **J Biol Chem** 1984 Oct 25;259(20):12339-45

Oligo-2',5'-adenylate synthetase activity in peripheral blood mononuclear leukocytes in various diseases. Fujii N, et al. **J Clin Microbiol** 1984 Dec;20(6):1216-8

Laboratory evaluation of leukocyte esterase and nitrite tests for the detection of bacteriuria. Pfaller MA, et al. **J Clin Microbiol** 1985 May;21(5):840-2

Evaluation of a leukocyte dip-stick test used for screening urine cultures. Sawyer KP, et al. **J Clin Microbiol** 1984 Oct;20(4):820-1

Correlation of leukocyte esterase activity and bacterial isolation from body fluids. Smalley DL, et al. **J Clin Microbiol** 1984 Dec;20(6):1186

Leucocyte esterase determination as a secondary procedure for urine screening. Leighton PM, et al. **J Clin Pathol** 1985 Feb;38(2):229-32

beta-Mannosidase in human leukocytes and fibroblasts. Panday RS, et al. **J Inherited Metab Dis** 1984;7(4):155-6

Measurement of human leukocyte microsomal HMG-CoA reductase activity. Harwood HJ Jr, et al. **J Lipid Res** 1984 Sep;25(9):967-78

Amino acid derived latent isocyanates: irreversible inactivation of porcine pancreatic elastase and human leukocyte elastase. Groutas WC, et al. **J Med Chem** 1985

Feb;28(2):204-9

Defective leukocyte adenylate cyclase function in hypokalemia. Güllner HG. **Klin Wochenschr** 1984 Oct 15; 62(20):996-7

Beta-glucuronidase release from leukocytes in children. Rister M, et al. **Klin Wochenschr** 1985 Jun 18;63(12):540-4

Lack of an association between testicular cancers and low steroid sulphatase activity in peripheral leucocytes [letter] Tolley E, et al. **Lancet** 1985 Sep 7;2(8454):563

Enzymatic reduction of methionine sulfoxide residues in proteins and peptides. Brot N, et al. **Methods Enzymol** 1984; 107:352-60

Genetic deficiency of medium-chain acyl coenzyme A dehydrogenase: studies in cultured skin fibroblasts and peripheral mononuclear leukocytes. Coates PM, et al. **Pediatr Res** 1985 Jul;19(7):671-6

Incorporation of [14C]glucose into alpha-1,4 bonds of glycogen by leukocytes and fibroblasts of patients with type III glycogen storage disease. Gutman A, et al. **Pediatr Res** 1985 Jan;19(1):28-32

On the nature of the 5-lipoxygenase reaction in human leukocytes: enzyme purification and requirement for multiple stimulatory factors. Rouzer CA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6040-4

Heparin inhibition of human neutrophil and eosinophil-enriched leukocyte acid beta-glycerophosphatase. West BC. **Proc Soc Exp Biol Med** 1985 Mar;178(3):373-84

Characterization of transglutaminases in normal and malignant human leukocytes. Berntorp E, et al. **Scand J Haematol** 1985 Jan;34(1):71-7

Increased leucocyte alkaline phosphatase and transcobalamin III in chronic myeloid leukaemia associated with lithium therapy. Moreb J, et al. **Scand J Haematol** 1985 Mar; 34(3):238-41

Leukocyte lysosomal function in sepsis. Konn G, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):457-60

Alterations of blood platelet function induced by neutral proteases from human leukocytes. Bykowska K, et al. **Thromb Res** 1985 Jun 1;38(5):535-46

[Membrane phosphatidylethanolamine methylase in blood leukocytes and alveolar macrophages of asthmatic patients] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(1):47-56 (Eng. Abstr.) **(Fre)**

[Ecto-ATPases in leukocytes and its modification by drugs] Hehl EM, et al. **Allerg Immunol (Leipz)** 1985;31(1):17-23 (Eng. Abstr.) **(Ger)**

[Arylsulfatases A and B of chronic myelogenous leukemia leukocytes] Uehara Y. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1091-101 (Eng. Abstr.) **(Jpn)**

[Enzymatic changes in the leukocytes of patients with neoplasms] Merkiel K, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):195-202 (84 ref.) **(Pol)**

[Cytochemical analysis of selected dehydrogenases in peripheral blood leukocytes of workers exposed [illegible] polychlorinated pesticides] Hrycek A, et al. **Med Pr** [illegible] 35(3):185-9 (Eng. Abstr.) **(Pol)**

[Arylsulfatase of peripheral blood leukocytes in patients with selected proliferative diseases of the hematopoietic system, malignant neoplasms in other organs and lupus erythematosus] Hrycek A, et al. **Pol Arch Med Wewn** 1984 Dec;72(6):299-303 (Eng. Abstr.) **(Pol)**

[Enzymatic status of leukocytes in the normal puerperal period and puerperal periods complicated by infection] Feizulla MF, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):34-6 (Eng. Abstr.) **(Rus)**

[Cytochemical study of blood enzyme activity in normal pregnancy] Strizhova NV, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):54-6 (Eng. Abstr.) **(Rus)**

[Electron microscopy-cytochemical study of human leukocytes after interferon induction] Frolova VM, et al. **Antibiotiki** 1984 Oct;29(10):781-4 **(Rus)**

[Information value of research on the enzyme status of the peripheral blood leukocytes in a toxicological experiment] Berezovskaia IV, et al. **Farmakol Toksikol** 1985 Jan-Feb; 48(1):83-6 (Eng. Abstr.) **(Rus)**

[Enzymatic activity of blood donor leukocytes and changes in it during preservation] Ternovskiĭ LN, et al. **Gematol Transfuziol** 1984 Sep;29(9):17-8 (Eng. Abstr.) **(Rus)**

[Features of changes in leukocyte and serum enzyme activity in acute appendicitis] Lutsenko SM, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):41-3 (Eng. Abstr.) **(Rus)**

[Enzyme shifts in peripheral blood leukocytes in pneumonia and acute respiratory virus infections] Komissarova IA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):79-82 (Eng. Abstr.) **(Rus)**

[Correlation of the enzymes of normal leukocytes and in exposure to toxic factors] Aliev VA. **Lab Delo** 1984; (8):465-8 (Eng. Abstr.) **(Rus)**

[Comparison of the visual and microphotometric assessment of the content of cytochemically detectable enzymes in blood leukocytes] Lazorik MI, et al. **Lab Delo** 1984; (8):494-5 (Eng. Abstr.) **(Rus)**

[Establishment of levels of enzymatic activity in the blood leukocytes of children residing along the route of the Baikal-Amur Main Line] Kozlov VK. **Pediatriia** 1984 Oct; (10):71-2 **(Rus)**

[Importance of the cytochemical study of blood leukocyte enzyme activity in acute pneumonias] Magomedov AZ. **Ter Arkh** 1985;57(3):130-3 (Eng. Abstr.) **(Rus)**

[Dynamics of the activity of leukocyte enzymes in patients with chronic subatrophic and atrophic laryngitis during treatment with enzymes] Daĭniak LB, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):9-12 (Eng. Abstr.) **(Rus)**

[Ornithine decarboxylase activity of human leukocytes] Blinov MN, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):90-2 (Eng. Abstr.) **(Rus)**

[Total activity and distribution of multiple forms of lysosomal glycosidases in subfractions of human leukocytes] Kuz'micheva NA, et al. **Vopr Med Khim** 1984 Sep-Oct; 30(5):76-81 (Eng. Abstr.) **(Rus)**

[Interrelations of lysosomal enzymes of leukocytes in patients with cicatricial stenosis of the larynx] Logunov AI, et al. **Vopr Med Khim** 1984;30(6):110-4 (Eng. Abstr.) **(Rus)**

[Biochemical diagnosis of sialidosis in a child with a 'cherry spot' in the fundus oculi as the main clinical symptom of the disease] Tsvetkova IV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):81-3 (Eng. Abstr.) **(Rus)**

[Enzyme profile in the peripheral blood leukocytes in acute respiratory diseases] Braude NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):72-5 (Eng. Abstr.) **(Rus)**

[Role of leukocyte proteinases and protein degradation products in protective reactions] Iankovskiĭ OIu, et al. **Zh Obshch Biol** 1985 Jan-Feb;46(1):93-101 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Activity and characteristics of inflammatory effector cells in newborns. Csorba S, et al. **Acta Paediatr Hung** 1984; 25(1-2):39-53

Antibody-dependent cell-mediated cytotoxicity in sheep. Mlangwa JE. **Acta Vet Scand** 1985;26(1):105-19

Application of migration inhibition techniques in tumor immunology. Szigeti R. **Adv Cancer Res** 1985;43:241-305 (303 ref.)

In vitro production of IgE and IgG protein by blood mononuclear cells from non-atopic and atopic donors. Cook RM, et al. **Allergy** 1985 Feb;40(2):115-23

Cytodestructive mechanisms provoked by food antigens. I. Direct, allergic autocytotoxicity. Podleski WK. **Allergy** 1985 Apr;40(3):157-65

Sensitive glass microfibre-based histamine analysis for allergy testing in washed blood cells. Results compared with conventional leukocyte histamine release assay. Skov PS, et al. **Allergy** 1985 Apr;40(3):213-8

Release of histamine from human leukocytes by one preparation of IgG oligomers. Zhou T, et al. **Allergy** 1985 Apr;40(3):151-6

Severe congenital leukopenia (reticular dysgenesis). Immunologic and morphologic characterizations of leukocytes. Roper M, et al. **Am J Dis Child** 1985 Aug; 139(8):832-5

Role of delayed indium-111 labeled leukocyte scan in the management of Crohn's disease. Slaton GD, et al. **Am J Gastroenterol** 1985 Oct;80(10):790-5

The effects of indomethacin administration during pregnancy on women's and newborns' T-suppressor lymphocyte activity and on HLA class II expression by newborns' leukocytes. Durandy A, et al. **Am J Reprod Immunol Microbiol** 1985 Jul;8(3):94-100

Blood from bovine leukemia virus-infected cattle: antigen production correlated with infectivity. Miller LD, et al. **Am J Vet Res** 1985 Apr;46(4):808-10

Analysis of the linear under-agarose leukocyte chemotaxis assay. Rothman C, et al. **Ann Biomed Eng** 1983;11(5):451-77

Cell immunologic reactions in estimating chronic brucellosis activity. Rementsova MM, et al. **Arch Inst Pasteur Tunis** 1983 Dec;60(3-4):337-41

The effect of temperature on production and function of bovine interferons. Letchworth GJ 3rd, et al. **Arch Virol** 1984;82(3-4):211-21

Stimulation of progressor and regressor chicken leukocytes with Con A, PHA-P, and Rous sarcoma tumor antigens. Whitfill C, et al. **Avian Dis** 1984 Oct-Dec;28(4):944-58

Anti-My-28, an antigranulocyte mouse monoclonal antibody, binds to a sugar sequence in lacto-N-neotetraose. Spitalnik SL, et al. **Blood** 1985 Aug;66(2):319-26

Defect of leukocyte functions and circulating immune complexes in visceral leishmaniasis. Lazzarin A, et al. **Boll Ist Sieroter Milan** 1985;64(2):146-9

Antigen-presenting properties of human epidermal cells compared with peripheral blood mononuclear cells. Bagot M, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:55-60

Nomenclature for clusters of differentiation (CD) of antigens defined on human leukocyte populations. IUIS-WHO Nomenclature Subcommittee. **Bull WHO** 1984; 62(5):809-15 **(Eng, Fre)**

Transmembrane signal defect and absence of cancer extract induced leukocyte adherence inhibition (LAI) for leukocytes from patients with advanced cancer. Shenouda G, et al. **Cancer Immunol Immunother** 1984;18(1):59-68

The relationship of clinical type of hepatitis B to human leukocyte. A preliminary study. Fan ZP, et al. **Chin Med J [Engl]** 1985 Mar;98(3):187-90

Inverse relationship between interferon production by mononuclear leucocytes and oxidative metabolism of neutrophil granulocytes in infection prone children. Bondestam M, et al. **Clin Exp Immunol** 1985 Apr; 60(1):196-202

Specificity of leucocyte migration inhibition test in coeliac disease. A reassessment using different gluten subfractions. Corazza GR, et al. **Clin Exp Immunol** 1985 Apr; 60(1):117-22

Changes of immunoregulatory cells induced by psychological and physical stress: relationship to plasma catecholamines. Landmann RM, et al. **Clin Exp Immunol** 1984 Oct; 58(1):127-35

IgE production in vitro by peripheral blood mononuclear cells of patients with parasitic helminth infections. Nutman TB, et al. **Clin Exp Immunol** 1984 Oct;58(1):174-82

Deficient immune interferon production in tuberculosis. Onwubalili JK, et al. **Clin Exp Immunol** 1985 Feb; 59(2):405-13

Interleukin-1 production by mononuclear cells from patients with scleroderma. Sandborg CI, et al. **Clin Exp Immunol** 1985 May;60(2):294-302

Expression of HLA-B27 antigens on mononuclear leucocytes in ankylosing spondylitis. van der Gaag R, et al. **Clin Exp Immunol** 1985 May;60(2):311-5

Interferon-gamma production by peripheral blood leucocytes from patients with multiple sclerosis and other neurological diseases. Vervliet G, et al. **Clin Exp Immunol** 1985 Feb; 59(2):391-7

Antibody-dependent cellular cytotoxicity mediated by polymorphonuclear leukocytes and mononuclear cells against HSV-1 infected primary cultures of rabbit corneal epithelium. Hill JM, et al. **Curr Eye Res** 1984 Oct; 3(10):1203-12

The mixed leukocyte reaction (MLR) in carp: bidirectional and undirectional MLR responses. Caspi RR, et al. **Dev Comp Immunol** 1984 Summer;8(3):631-7

Amphibian lymphokines: 2. Migration inhibition factor produced by antigenic and mitogenic stimulation of amphibian leucocytes. Gearing A, et al. **Dev Comp Immunol** 1985 Spring;9(2):291-300

Chemotaxis of nurse shark leukocytes. Obenauf SD, et al. **Dev Comp Immunol** 1985 Spring;9(2):221-30

Molecular and antigenic heterogeneity of the rat leukocyte-common antigen from thymocytes and T and B lymphocytes. Woollett GR, et al. **Eur J Immunol** 1985 Feb;15(2):168-73

The fluorescent immunosorbent test for IgG gliadin antibodies and the leucocyte migration inhibition test in coeliac disease; comparison of diagnostic value. Bertele RM, et al. **Eur J Pediatr** 1985 May;144(1):58-62

Recognition of syngeneic and allogeneic histocompatibility antigens by peripheral blood leucocytes from non-immunized rats. Vančatová A, et al. **Folia Biol (Praha)** 1984;30(6):383-9

Leucocyte adherence inhibition assay for immunodiagnosis of hepatocellular carcinoma. Onji M. **Gastroenterol Jpn** 1984 Aug;19(4):336-43

Leucocyte adherence inhibition assay for cell-mediated immunity and immunodiagnosis of pancreatic cancer. Onji M. **Gastroenterol Jpn** 1984 Aug;19(4):328-35

The clusters of differentiation (CD) defined by the First International Workshop on Human Leucocyte Differentiation Antigens. Bernard A, et al. **Hum Immunol** 1984 Sep;11(1):1-10

Relationship between natural killer (NK) cells and interferon (IFN) alpha-producing cells in human peripheral blood. Studies with a monoclonal antibody with specificity for human natural killer cells. Abb J, et al. **Immunobiology** 1984 Oct;167(4):359-64

Heterogeneity of human peripheral blood mononuclear cells detected by monoclonal antibodies to monomorphic determinants of human Ia antigens. Marder P, et al. **Immunobiology** 1984 Dec;167(5):483-94

Detection of OKT6-positive cells (without visible Birbeck granules) in normal peripheral blood. Dezutter-Dambuyant C, et al. **Immunol Lett** 1984;8(3):121-6

Immunohistological characterization of the decidual leucocytic infiltrate related to endometrial gland epithelium in early human pregnancy. Bulmer JN, et al. **Immunology** 1985 May;55(1):35-44

The sheep analogue of leucocyte common antigen (LCA). Maddox JF, et al. **Immunology** 1985 Jun;55(2):347-53

Cytotoxicity of human peripheral blood and colostral leukocytes against Shigella species. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):25-33

Cytotoxicity of leukocytes from normal and Shigella-susceptible (opium-treated) guinea pigs against virulent Shigella sonnei. Morgan DR, et al. **Infect Immun** 1984 Oct;46(1):22-4

Stimulation by staphylococcal enterotoxin A of nonspecific resistance of mice to microbial infection. Otani T, et al. **Infect Immun** 1985 Mar;47(3):767-73

Opsonized streptococcal cell walls cross-link human leukocytes and erythrocytes by complement receptors. Pryzwansky KB, et al. **Infect Immun** 1985 Sep;49(3):550-6

Anaerobic phagocytosis, killing, and degradation of Streptococcus pneumoniae by human peripheral blood leukocytes. Thore M, et al. **Infect Immun** 1985 Jan; 47(1):277-81

Leucocyte activation initiated by IgE-dependent mechanisms in relation to helminthic parasitic disease and clinical models of asthma. Kay AB, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):69-72

Correlation between tumorigenicity and altered glycosylation of a 'leukocyte common' antigen in human lymphoid cell lines. Deane DL, et al. **Int J Cancer** 1984 Oct 15; 34(4):459-62

Purification from a human lung cancer cell line of a water soluble molecule mediating leukocyte adherence inhibition for patients with lung cancer. Thomson DM, et al. **Int J Cancer** 1985 Jun 15;35(6):707–14

Influence of palmitoyl-3-catechin and heptyl-3-catechin on the leucocyte migration inhibition test carried out in the presence of PPD and hepatitis B surface antigen (HBsAg). Nicole A, et al. **Int J Immunopharmacol** 1985;7(1):87–92

Autoimmune type I reactions directed against nuclear components in rheumatoid arthritis. Permin H, et al. **Int J Tissue React** 1984;6(5):367–72

Interferon-induced transfer of natural cytotoxic activity between human leukocytes. Weigent DA, et al. **J Biol Response Mod** 1985 Feb;4(1):60–9

Influence of prostaglandin E2 and indomethacin on interferon-gamma production by cultured peripheral blood leukocytes of multiple sclerosis patients and healthy donors. Vervliet G, et al. **J Clin Immunol** 1985 Mar;5(2):102–8

Deficiency of a leukocyte surface glycoprotein (LFA-1) in two patients with Mo1 deficiency. Effects of cell activation on Mo1/LFA-1 surface expression in normal and deficient leukocytes. Arnaout MA, et al. **J Clin Invest** 1984 Oct; 74(4):1291–300

Immunologic and inflammatory responses during pregnancy. Holland D, et al. **J Clin Lab Immunol** 1984 Aug;14(4):177–9

Evaluation of cellular immune response during chronic schistosomiasis in humans by the leukocyte aggregation test and the leukocyte migration inhibition test. Rouveix B, et al. **J Clin Microbiol** 1985 Apr;21(4):649–51

Expression of leucocyte common antigen and epithelial membrane antigen in plasmacytic malignancies [letter] Salter DM, et al. **J Clin Pathol** 1985 Jul;38(7):843–4

Leucocyte function in denture stomatitis. Taafe A, et al. **J Dent** 1985 Jun;13(2):84–90

Delayed hypersensitivity skin and leucocyte migration inhibition tests in chronic liver disease. el-Din SS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):593–8

The Thy-1-bearing cell of murine epidermis. A distinctive leukocyte perhaps related to natural killer cells. Romani N, et al. **J Exp Med** 1985 Jun 1;161(6):1368–83 (67 ref.)

Earthworm leukocyte interactions during early stages of graft rejection. Cooper EL, et al. **J Exp Zool** 1984 Oct; 232(1):67–72

Induction of T cell aggregation by antibody to a 16kd human leukocyte surface antigen. Chen YX, et al. **J Immunol** 1984 Nov;133(5):2496–501

In vitro studies on the cell-mediated immune response to human brain tumors. II. Leukocyte-induced coats of glycosaminoglycan increase the resistance of glioma cells to cellular immune attack. Gately CL, et al. **J Immunol** 1984 Dec;133(6):3387–95

Temperature-mediated processes in teleost immunity: differential effects of temperature on catfish in vitro antibody responses to thymus-dependent and thymus-independent antigens. Miller NW, et al. **J Immunol** 1984 Nov;133(5):2356–9

Further characterization of low density mononuclear cells: FACS-assisted analysis of human MLR stimulators. Santiago-Schwarz F, et al. **J Immunol** 1985 Feb; 134(2):779–85

Defective IFN-gamma production in the human neonate. I. Dysregulation rather than intrinsic abnormality. Wakasugi N, et al. **J Immunol** 1985 Jan;134(1):167–71

Defective IFN-gamma production in the human neonate. II. Role of increased sensitivity to the suppressive effects of prostaglandin E. Wakasugi N, et al. **J Immunol** 1985 Jan;134(1):172–6

A method of purifying sheep sIg+ lymphocytes as a tool for class II MHC antigen analysis. Chasset P, et al. **J Immunol Methods** 1985 Feb 28;77(1):37–43

Polyclonal induction of immunoglobulin synthesis by feline leukocytes as identified in a reverse hemolytic plaque assay. Engelman RW, et al. **J Immunol Methods** 1985 Jul 16; 81(1):65–71

Decreased interferon synthesis and responsiveness to interferon by leukocytes from multiple sclerosis patients given natural alpha interferon. Kamin-Lewis RM, et al. **J Interferon Res** 1984 Summer;4(3):423–32

Enrichment of murine and human Langerhans cells with solid phase immunoabsorption using pan-leukocyte monoclonal antibodies. Wood GS, et al. **J Invest Dermatol** 1985 Jan; 84(1):37–40

Antileukocyte activity II. Induction of tolerance to systemic anti-inflammation associated with local irritation and major surgery. Normann SJ, et al. **J Leukocyte Biol** 1985 Mar; 37(3):331–9

Antileukocyte activity I. Systemic inhibition of cellular emigration following local inflammation. Normann SJ, et al. **J Leukocyte Biol** 1985 Mar;37(3):319–30

Phagocytosis by human leukocytes, phagosomal pH and degradation of seven species of bacteria measured by flow cytometry. Bassøe CF, et al. **J Med Microbiol** 1985 Feb; 19(1):115–25

Leukocytes from multiple sclerosis patients respond to alpha- and gamma-interferons. Kamin-Lewis RM, et al. **J Neuroimmunol** 1985 Aug;9(3–4):221–7

Leukocyte migration inhibition in recurrent aphthous ulceration. Gadol N, et al. **J Oral Pathol** 1985 Feb; 14(2):121–32

Intestinal absorption of maternal leucocytes by newborn lambs. Schnorr KL, et al. **J Reprod Immunol** 1984 Aug; 6(5):329–37

Liver allograft rejection in pigs: histology of the graft and role of swine leukocyte antigen-D. Bom-van Noorloos AA, et al. **J Surg Res** 1984 Oct;37(4):269–76

Human leukocytes kill varicella-zoster virus-infected fibroblasts in the presence of murine monoclonal antibodies to virus-specific glycoproteins. Ito M, et al. **J Virol** 1985 Apr;53(4):98–103

Leukocyte migration inhibition in relation to nuclear pleomorphism and lymphoid infiltration in breast cancer. Egami H, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):393–401

Nasopharyngeal carcinoma: immunohistochemical study for keratin, secretory component and leukocyte common antigen. Nomori H, et al. **Jpn J Clin Oncol** 1985 Mar; 15(1):95–105

Identification of myelin-associated glycoprotein (MAG) on the cell surface of mononuclear cells in human peripheral blood by a heterologous antiserum. Tanaka M, et al. **Jpn J Exp Med** 1984 Feb;54(1):9–15

Naloxone antagonises effect of alpha-gliadin on leucocyte migration in patients with coeliac disease. Horváth K, et al. **Lancet** 1985 Jul 27;2(8448):184–5

Treatment of recurrent spontaneous abortions by immunisation with paternal leucocytes [letter] Reznikoff-Etievant MF, et al. **Lancet** 1985 Jun 15; 1(8442):1398

The effect of Mycobacterium leprae on PHA- and PPD-induced inhibition of leukocyte migration in leprosy patients. Dharma Rao T, et al. **Lepr Rev** 1985 Jun; 56(2):109–16

Effects of long-term treatment of mice with anti-I-J monoclonal antibody and dialyzable leukocyte extract on immune function and lifespan. Liu JJ, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):359–72

Resistance of a mutant with an extremely low catalase production from Staphylococcus aureus Cowan-I strain to the bactericidal activity of human leukocytes. Nishihara S, et al. **Microbiol Immunol** 1985;29(2):151–5

Ultrastructures of leuco-adsorption on monolayers infected with influenza virus. Saburi Y, et al. **Microbiol Immunol** 1984;28(8):913–21

Live Blastomyces dermatitidis yeast-induced responses of immune and nonimmune human mononuclear cells. Bradsher RW. **Mycopathologia** 1984 Sep 30;87(3):159–66

In vitro phagocytosis of several Candida berkhout species by murine leukocytes. Fontenla de Petrino SE, et al. **Mycopathologia** 1985 Mar;89(3):139–45

Leukocyte activation in allergen-induced late-phase asthmatic reactions. Durham SR, et al. **N Engl J Med** 1984 Nov 29;311(22):1398–402

Host immune status in uraemia. VI. Leucocytic response to bacterial infection in chronic renal failure. Nelson J, et al. **Nephron** 1985;39(1):21–5

Usefulness of the leukocyte HLA groups in paternity confirmation and exclusion. Ota M, et al. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):773–7

Blood transfusion complications: leukoagglutinin reactions. Lewis RW, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):78S–80S

Immunology of corneal allograft rejection. Associated human leucocyte populations. Young E, et al. **Ophthalmology** 1985 Feb;92(2):223–7

Ontogeny of protection of neonatal mice from lethal herpes simplex virus infection by human leukocytes, antiviral antibody, and recombinant alpha-interferon. Kohl S, et al. **Pediatr Res** 1984 Nov;18(11):1164–7

Tunicate leucocyte receptors and hemolymph lectins. Wright RK, et al. **Prog Clin Biol Res** 1984;157:115–24

Leukocytic functions in burn-injured patients. Braquet M, et al. **Prostaglandins** 1985 May;29(5):747–64

Mononuclear and polymorphonuclear leucocyte dysfunction in male homosexuals with the acquired immunodeficiency syndrome (AIDS). Ras GJ, et al. **S Afr Med J** 1984 Nov 24;66(21):806–9

Chemoprophylaxis with erythromycin stearate or amoxycillin in patients with chronic bronchitis--effects on cellular and humoral immune functions. Ras GJ, et al. **S Afr Med J** 1984 Dec 22–29;66(25):955–8

Yeast cell phagocytosis by mononuclear leucocytes from peripheral blood: significance of the substrate. Rydgren L, et al. **Scand J Haematol** 1984 Oct;33(4):368–72

Alpha 1-microglobulin glycopeptides inhibit antigen-specific stimulation of human peripheral blood leucocytes. Akerström B, et al. **Scand J Immunol** 1984 Dec; 20(6):559–63

Naturally cytotoxic tonsillar leukocytes: phenotypic characterization of the effector population. Christmas SE, et al. **Scand J Immunol** 1985 Jul;22(1):61–71

Marked cytolysis of human tumor cells by interferon gamma and leukocytes. Baron S, et al. **Symp Fundam Cancer Res** 1984;37:257–60

Is the leukocyte group-5a antigen associated with reduced NK cell function? Warren RP, et al. **Tissue Antigens** 1985 Feb;25(2):107–10

The human leucocyte P30 antigen: properties and assessment of value as a clonal marker. Zola H, et al. **Tissue Antigens** 1985 Jul;26(1):60–70

B16 melanoma as a model for leukocyte-depleted grafts. Heath W, et al. **Transplant Proc** 1985 Apr;17(2):1658–60

Demonstration of a leukemia-associated antigen (CAMAL) in peripheral blood leucocytes of bone marrow transplant patients prior to relapse. Levy JG, et al. **Transplantation** 1985 Aug;40(2):167–73

Role of regular and leukocyte-free blood transfusions in the generation of broad sensitization. Scornik JC, et al. **Transplantation** 1984 Dec;38(6):594–8

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cyst. 2. Cell surface receptors, endocytosed immune complexes and lysosomal enzyme content. Treves S, et al. **Tropenmed Parasitol** 1984 Dec; 35(4):231–6

Increased activity of bovine ADCC effector cells during acute Babesia bovis infection. Goff WL, et al. **Vet Parasitol** 1984 Oct;16(1–2):5–15

[Immune leukocyte test and its significance in obstetrics] Dimitrov DIa. **Akush Ginekol (Sofiia)** 1984;23(4):309–14 (Eng. Abstr.) **(Bul)**

[Cell-mediated immunity in the toxemia of pregnancy using the leukocyte migration inhibition test] Peng HQ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):96–8, 127 (Eng. Abstr.) **(Chi)**

[Leukocyte migration inhibition in women with tumors in an environment with ovarian carcinoma antigen and encephalitogenic factor] Tošner J, et al. **Cas Lek Cesk** 1984 Mar 23;123(12):354–7 (Eng. Abstr.) **(Cze)**

[Leukocyte migration inhibition test after BCG in patients with liver diseases] Fučíková T, et al. **Sb Lek** 1984 Sep; 86(8–9):231–7 (Eng. Abstr.) **(Cze)**

[Human leukocyte differentiation antigens] Bernard A, et al. **Presse Med** 1984 Oct 27;13(38):2311–6 (25 ref.) (Eng. Abstr.) **(Fre)**

[Migration and chemotaxis of donor leukocytes modified by serum of psoriasis patients and psoriasis scale extracts] Schwartze G, et al. **Dermatol Monatsschr** 1984; 170(10):637–41 (Eng. Abstr.) **(Ger)**

[Experiences with the indirect Clausen Test using NTA as an antigen in multiple sclerosis and other neurologic diseases] Dachsel R, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun;36(6):350–6 (Eng. Abstr.) **(Ger)**

[Immunologic capacity of tumour patients. I. Leukocyte migration inhibition with ppD in patients at different tumour stages] Makidono R, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):403–6 (Eng. Abstr.) **(Jpn)**

[Studies on the effect of estrogen on the antibody response by peripheral mononuclear cells in various liver diseases] Ikemoto Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1789–95 **(Jpn)**

[Effect of long-term panodin treatment of patients with chronic bronchitis on peripheral blood leukocyte migration in vivo] Matusiewicz R, et al. **Pneumonol Pol** 1984 May; 52(5):245–9 (Eng. Abstr.) **(Pol)**

[Leukocyte adherence in viral hepatitis type A and B with different degrees of clinical intensity] Onisk Z, et al. **Przegl Epidemiol** 1984;38(3):257–64 (Eng. Abstr.) **(Pol)**

[Immunochemical study of the system of soluble leukocyte antigens in normal pregnancy and pregnancy complicated by late toxicosis] Strizhova NV, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):45–7 (Eng. Abstr.) **(Rus)**

[Detection of antigenic determinants of the major structural proteins of various mammalian type C retroviruses in the leukocytes of patients with hemoblastoses and in healthy donors by the ELISA method] Zueva IuN. **Eksp Onkol** 1984;6(3):33–6 (Eng. Abstr.) **(Rus)**

[Mechanisms of the change in leukocyte adrenoreactivity during immune stimulation] Fedoseev GB, et al. **Fiziol Cheloveka** 1984 Mar–Apr;10(2):252–4 **(Rus)**

[Value of various immunologic reactions in the diagnosis of chronic acalculous cholecystitis] Gruzdev MP. **Klin Med (Mosk)** 1985 Mar;63(3):52–5 (Eng. Abstr.) **(Rus)**

[In vitro leukocytolysis test for detecting drug hypersensitivity] Danilov LN. **Lab Delo** 1984;(7):422–3 (Eng. Abstr.) **(Rus)**

[Leukocyte migration inhibition in nephropathies] Savitskiĭ SN, et al. **Ter Arkh** 1984;56(7):31–3 (Eng. Abstr.) **(Rus)**

[Evaluation of the leukocyte migration inhibition reaction and lymphoblast transformation in studying the pathogenesis of syphilis] Karagezian MA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):59–65 (Eng. Abstr.) **(Rus)**

[Sensitization of the leukocytes of stomach cancer patients to extracts of the tumor] Kurtenkov OA, et al. **Vopr Onkol** 1985;31(5):31–6 (Eng. Abstr.) **(Rus)**

[Production of gamma and alpha interferons by human blood leukocytes in sequential induction] Orlova TG, et al. **Vopr Virusol** 1985 Mar–Apr;30(2):196–8 (Eng. Abstr.) **(Rus)**

[Functional activity of the blood leukocytes of ischemic heart disease patients] Shchepotin BM, et al. **Vrach Delo** 1984 Dec;(12):59–61 (Eng. Abstr.) **(Rus)**

[Changes in the leukocyte capacity for rosette formation as affected by actinolysate in actinomycosis patients and healthy donors] Robustova TG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):33–5 (Eng. Abstr.) **(Rus)**

[Use of an in vitro allergy test for the differential diagnosis of human brucellosis and yersiniosis] Zheludkov MM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):92–5 (Eng. Abstr.) **(Rus)**

[Leuko-platelet serology and its applications] Ribera Crusafont A. **Sangre (Barc)** 1984;29(4–C):656–63 **(Spa)**

METABOLISM

Rubidium uptake of mononuclear leukocytes from normotensive and borderline hypertensive first degree relatives to patients with essential hypertension. Johansen T, et al. **Acta Med Scand [Suppl]** 1985;693:65-8

The influence of harvesting intervals on chemiluminescence and enzyme activities of rat peritoneal leukocytes. Kalager T, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct;92(5):301-5

Effects of vitamin C intake on whole blood plasma, leucocyte and urine ascorbic acid and urine oxalic acid levels. Erden F, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):123-30

Identification of hydrogen peroxide and hydroxyl radicals as mediators of leukocyte-induced myocardial dysfunction. Limitation of infarct size with neutrophil inhibition and depletion. Hess ML, et al. **Adv Myocardiol** 1985;5:159-75

Solubilization and purification of an acetyl-LDL binding membrane protein from human leukocytes. Dresel HA, et al. **Agents Actions [Suppl]** 1984;16:153-61

Assessment of zinc and copper status of healthy elderly people using metabolic balance studies and measurement of leucocyte concentrations. Bunker VW, et al. **Am J Clin Nutr** 1984 Nov;40(5):1096-102

Stimulating effect of fructose 1-6 diphosphate on the phagocytic function of rat RES and on human leukocyte carbohydrate metabolism. Markov AK, et al. **Am J Med Sci** 1985 Jul;290(1):3-10

Progressive cone dystrophy associated with low alpha-L-fucosidase activity in serum and leukocytes. Hayasaka S, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):681-5

Characterization of aldosterone binding sites in circulating human mononuclear leukocytes. Armanini D, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E388-90

Altered leukocyte response in relation to the basic abnormality in children with asthma and bronchial hyperresponsiveness. Neijens HJ, et al. **Am Rev Respir Dis** 1984 Nov;130(5):744-7

Evidence that Pseudomonas aeruginosa elastase does not inactivate the bronchial inhibitor in the presence of leukocyte elastase. Studies with cystic fibrosis sputum and with pure proteins. Tournier JM, et al. **Am Rev Respir Dis** 1985 Sep;132(3):524-8

Effects of treatment with azathioprine and cyclosporin A on interferon-gamma production by peripheral blood leukocytes of renal allograft recipients. Weimar W, et al. **Antiviral Res** 1985 Feb;5(1):49-54

Crystal-induced endogenous pyrogen production. A further look at gouty inflammation. Malawista SE, et al. **Arthritis Rheum** 1985 Sep;28(9):1039-46

Histamine uptake by leukocytes in vitro. Catini C, et al. **Basic Appl Histochem** 1984;28(3):329-36

Lipoxene: a new group of trihydroxy pentaenes of eicosapentaenoic acid derived from porcine leukocytes. Wong PY, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):763-72

Carbohydrate-structure-dependent recognition of desialylated serum glycoproteins in the liver and leucocytes. Two complementary systems. Bezouška K, et al. **Biochem J** 1985 Apr 15;227(2):345-54

pH effects on cystine transport in lysosome-rich leucocyte granular fractions. Gahl WA, et al. **Biochem J** 1985 May 15;228(1):263-7

Cysteamine depletes cystinotic leucocyte granular fractions of cystine by the mechanism of disulphide interchange. Gahl WA, et al. **Biochem J** 1985 Jun 15;228(3):545-50

Leukotriene production in rat peritoneal leukocytes requires intact energy metabolism. Ahnfelt-Rønne I, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3095-100

DNA clastogenic activity of diethylstilbestrol. Birnboim HC. **Biochem Pharmacol** 1985 Sep 15;34(18):3251-7

Effect of orally administered eicosapentaenoic acid (EPA) on the formation of leukotriene B4 and leukotriene B5 by rat leukocytes. Terano T, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3071-6

Applications of spin-trapping to biological systems. Green MJ, et al. **Biochem Soc Trans** 1985 Jun;13(3):600-3

Effects of stilbenes on arachidonate metabolism in leukocytes. Kimura Y, et al. **Biochim Biophys Acta** 1985 Apr 25; 834(2):275-8

The membrane signal in human leukocyte: evidence for a calcium-dependent potassium permeability in A 23187-induced-triggering of arachidonate cascade. Braquet M, et al. **Biomed Biochim Acta** 1984;43(8-9):S366-72

Biphasic production of immune interferon during mitogen-induced blastogenesis of human peripheral blood mononuclear leukocytes. Venker P, et al. **Biomed Biochim Acta** 1985;44(4):573-83

Enhanced plasminogen-activator production by leukocytes in the human and murine Chediak-Higashi syndrome. de Saint Basile G, et al. **Blood** 1985 May;65(5):1275-81

Surface membrane expression by human blood leukocytes and platelets of decay-accelerating factor, a regulatory protein of the complement system. Nicholson-Weller A, et al. **Blood** 1985 May;65(5):1237-44

Interferon production in mixed cultures of murine leukocytes and syngeneic L1210 leukemia cells. Sarzotti M, et al. **Boll Ist Sieroter Milan** 1982;61(3):218-24

Measurement of specific [3H]-ouabain binding to different types of human leucocytes. Boon NA, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):153-61

Noradrenaline: a circulating inhibitor of sodium transport. Riozzi A, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1025-7

Studies on leukotriene B4 omega-oxidation in human leukocytes. Nadeau M, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1321-6

Unscheduled DNA synthesis in mononuclear leukocytes from patients with colorectal polyps. Pero RW, et al. **Cancer Res** 1985 Jul;45(7):3388-91

Hyperthermia and human leukocyte functions: DNA, RNA, and total protein synthesis after exposure to less than 41 degrees or greater than 42.5 degrees hyperthermia. Roberts NJ Jr, et al. **Cancer Res** 1985 Jul;45(7):3076-82

Detection of benzo(a)pyrene:DNA adducts in human white blood cells. Shamsuddin AK, et al. **Cancer Res** 1985 Jan; 45(1):66-8

Fish lymphokines: the production of growth factors in supernatants of mitogen-stimulated pronephros cells of carp (Cyprinus carpio). Grondel JL, et al. **Cell Biol Int Rep** 1985 Jun;9(6):519

Inhibition by reactive aldehydes of superoxide anion radical production in stimulated human neutrophils. Witz G, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):13-23

Erythrocyte and leukocyte lipids in alcoholic macrocytosis. Halsall S, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):165-73

Activity of cyclic AMP phosphodiesterase and methyltransferases in leukocyte membranes from allergic patients. Prigent AF, et al. **Clin Chim Acta** 1984 Nov 30; 143(3):225-33

Proopiomelanocortin-derived peptides in the immune system. Blalock JE. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):823-7 (15 ref.)

Abnormal leucocyte sodium transport in Chinese patients with essential hypertension and their normotensive offsprings. Chien YW, et al. **Clin Exp Hypertens [A]** 1984; 6(12):2279-96

Interferon production by cultured peripheral leucocytes of MS patients. Vervliet G, et al. **Clin Exp Immunol** 1984 Oct;58(1):116-26

Adrenaline and ion flux in isolated human leucocytes. Baron DN, et al. **Clin Sci** 1985 May;68(5):517-21

Cation transport functions in vitro in patients with untreated essential hypertension: a comparison of erythrocytes and leucocytes. Boon NA, et al. **Clin Sci** 1985 May;68(5):511-5

Effect of the calcium antagonist verapamil on human leucocyte sodium transport in vitro. Gray HH, et al. **Clin Sci** 1985 Feb;68(2):239-41

Frusemide-sensitive sodium and potassium transport by human leucocytes. Johnson VE, et al. **Clin Sci** 1985 Jan; 68(1):89-91

Effects of thymopoietin pentapeptide (TP-5) on in vitro and in vivo IgE production by atopic dermatitis cell subsets. Cooper KD, et al. **Diagn Immunol** 1983;1(3):211-5

Zinc absorption and leukocyte zinc in alcoholic and nonalcoholic cirrhosis. Valberg LS, et al. **Dig Dis Sci** 1985 Apr;30(4):329-33

Leukocyte uptake of daunomycin. Styrt B, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):790-1

Specific binding of radioiodinated granulocyte-macrophage colony-stimulating factor to hemopoietic cells. Walker F, et al. **EMBO J** 1985 Apr;4(4):933-9

Conversion of thyroxine (T4) to T3 and rT3 in human leucocyte suspension: its application to clinical investigation. Bianco AC, et al. **Endocrinol Exp (Bratisl)** 1985 Mar;19(1):53-61

Human plasma actin-depolymerizing factor. Purification, biological activity and localization in leukocytes and platelets. Chaponnier C, et al. **Eur J Biochem** 1985 Jan 15;146(2):267-76

Deficiency of two human leukocyte surface membrane glycoproteins (Mo1 and LFA-1). Arnaout MA, et al. **Fed Proc** 1985 Jul;44(10):2664-70

Cytochemical indices of leukocytes in patients with diabetes mellitus. Kemona H, et al. **Folia Haematol (Leipz)** 1985; 112(1):197-202

Unscheduled DNA synthesis in human leucocytes after a fish (amine source) meal with or without salad (nitrite source). Miller CT. **IARC Sci Publ** 1984;(57):609-13

Bacterial lipopolysaccharide induction of leukocyte-derived corticotropin and endorphins. Harbour-McMenamin D, et al. **Infect Immun** 1985 Jun;48(3):813-7

Interferon production in male homosexuals with the acquired immune deficiency syndrome (AIDS) or generalized lymphadenopathy. Abb J, et al. **Infection** 1984 Jul-Aug; 12(4):240-2

Histamine receptors on leukocytes: the binding of histamine serum albumin conjugates is non-specific. Cohen MG, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):9-15

Influence of dextran polymer particles (Sephadex G-200) on the chemiluminescence response of murine peritoneal leukocytes. Gillert KE, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):270-2

Adenosine receptors on human inflammatory cells. Marone G, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):259-63

In vitro synthesis of IgE by human peripheral blood leucocytes. IV. Longitudinal study of regulatory T-cell activity in atopics. Turner KJ, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):308-12

Drugs affecting the hormonal receptors of normal and leukaemic peripheral leucocytes. Notario A, et al. **Int J Tissue React** 1984;6(5):413-20

Quantitative and qualitative effects of N10-methylfolate on high-affinity folate binding in human leukocytes. Holm J, et al. **Int J Vitam Nutr Res** 1984;54(2-3):195-7

Leukocyte histamine release to suxamethonium in patients with adverse reactions to muscle relaxants. Vervloet D, et al. **J Allergy Clin Immunol** 1985 Mar;75(3):338-42

Inactivation of netilmicin and amikacin by intact or disrupted leucocytes. Thys JP, et al. **J Antimicrob Chemother** 1984 Oct;14(4):435-8

Human prothrombinase complex assembly and function on isolated peripheral blood cell populations. Tracy PB, et al. **J Biol Chem** 1985 Feb 25;260(4):2119-24

Parallel determination of glucocorticoid receptors in human mononuclear and polymorphonuclear leukocytes after Percoll separation. Armanini D, et al. **J Endocrinol Invest** 1985 Feb;8(1):45-7

Mononuclear leucocyte intracellular free calcium--does it correlate with blood pressure? Shore AC, et al. **J Hypertens** 1985 Apr;3(2):183-8

Characteristics of a specific radioimmunoassay for measurement of ferritin on the surface of peripheral mononuclear white blood cells in cancer patients. Bluestein BI, et al. **J Immunoassay** 1984;5(3-4):159-82

A mitogenic factor, released by stimulated human mononuclear cells and distinct from interleukin 2 (IL 2), B cell growth factor (BCGF), and interleukin 1 (IL 1). Kasakura S, et al. **J Immunol** 1984 Dec;133(6):3084-90

D-Penicillamine: analysis of the mechanism of copper-catalyzed hydrogen peroxide generation. Starkebaum G, et al. **J Immunol** 1985 May;134(5):3371-8

Virus-induced leukopenia: Colorado tick fever as a human model. Andersen RD, et al. **J Infect Dis** 1985 Mar; 151(3):449-53

Influence of selective thromboxane synthetase blocker CGS-13080 on thromboxane and prostacyclin biosynthesis in whole blood: evidence for synthesis of prostacyclin by leukocytes from platelet-derived endoperoxides. Mehta J, et al. **J Lab Clin Med** 1985 Sep;106(3):246-52

Production of interferon alpha and interferon gamma by peripheral blood leukocytes from patients with chronic hepatitis B virus infection. Abb J, et al. **J Med Virol** 1985 Jun;16(2):171-6

Phthalic acid esters inhibit arachidonate metabolism by rat peritoneal leucocytes. Tavares IA, et al. **J Pharm Pharmacol** 1985 Jan;37(1):67-8

Factors influencing leucocyte sodium transport in hypertension. Hilton PJ. **Klin Wochenschr** 1985;63 Suppl 3:49-51

The effect of dietary sodium restriction on leucocyte sodium transport in normotensive subjects and in patients with essential hypertension. Poston L, et al. **Klin Wochenschr** 1985;63 Suppl 3:136-8

Leucocyte leukotriene B4 secretion precedes anergy in burn-injured patients [letter] Braquet M, et al. **Lancet** 1984 Oct 27;2(8409):976-7

Regeneration of membrane sialic acid after neuraminidase treatment of leukemic granulocytes. Taub RN, et al. **Leuk Res** 1985;9(4):507-10

Hydrocortisone and 'macrocortin' inhibit the zymosan-induced release of lyso-PAF from rat peritoneal leucocytes. Parente L, et al. **Life Sci** 1985 Apr 1; 36(13):1225-31

Influence of intravenous Mg++ solutions on renal excretion of potassium, sodium, calcium, chloride, intraleukocytic potassium and peripheral vascular resistance: a metabolic and hemodynamic study in normal volunteers. Glänzer K, et al. **Magnesium** 1984;3(4-6):324-38

The expression of human interferon alpha genes. Hiscott J, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4; 307(1132):217-26

Differential effects of aspirin and indomethacin on platelet and leukocyte thromboxane A2 formation. Maderna P, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):379-91

Studies of beta-adrenergic receptors in leukocytes of patients with affective illness and effects of antidepressant drugs. Pandey GN, et al. **Psychopharmacol Bull** 1985;21(3):603-9

Pyruvate and acetate oxidation by leukocytes in vitro. Activation of the pyruvate dehydrogenase complex by uncoupling of oxidative phosphorylation. Venizelos N, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):335-40

Increased tissue factor activity generation in vitro by canine blood leukocytes associated with allogeneic kidney transplantation and rejection. Rothberger H, et al. **Thromb Haemost** 1985 Feb 18;53(1):1-4

The formation of a thrombin-like material (TLM) following stimulation of leukocytes. Nishizawa EE, et al. **Thromb Res** 1984 Sep 1;35(5):485-99

Prostaglandin E2 production by human bone marrow cells: a comparison with peripheral blood mononuclear cells. Nakayama Y, et al. **Tohoku J Exp Med** 1984 Dec; 144(4):417-23

[Effect of gamma-ray irradiation, DNA and protein synthesis inhibitors on the generation of soluble suppressor factors by mononuclear leukocytes] Shen HD, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):207-13 (Eng. Abstr.) (Chi)

[Nuclear receptors for triiodothyronine in the leukocytes of patients with obesity and hypothyroidism] Felt V, et al. **Vnitr Lek** 1984 Dec;30(12):1186-90 (Eng. Abstr.) (Cze)

[Chromium binding to leukocytes] Sertoli A, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):207-12 (Eng. Abstr.) (Ita)

[A case of CML blastic crisis with pseudohypoxemia due to leukocyte larceny] Asai T, et al. **Rinsho Ketsueki** 1984 Jun;25(6):870-4 (Eng. Abstr.) **(Jpn)**

[Informative value of the NBT test in the early diagnosis of infectious-inflammatory complications of cesarean section] Vlasova LI, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):31-4 (Eng. Abstr.) **(Rus)**

[Histamine release from human leukocytes after treatment with 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine (platelet activating factor) and its structural analogs] Orlov SM, et al. **Biokhimiia** 1985 Apr;50(4):680-5 (Eng. Abstr.) **(Rus)**

[Disorders of cellular regulation systems as a basis for changed bronchial reactivity in bronchial asthma] Fedoseev GB, et al. **Ter Arkh** 1984;56(12):71-5 (Eng. Abstr.) **(Rus)**

[Serotonin binding by various populations of peritoneal cells and blood leukocytes from intact and thymectomized mice] Eliseeva LS, et al. **Tsitologiia** 1984 Oct;26(10):1174-80 (Eng. Abstr.) **(Rus)**

[Role of leukocytic factors in the pathogenesis of complications following surgical procedures on the kidneys and prostate gland] Ukhal'MI. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):70-2 (67 ref.) **(Rus)**

[Glycosaminoglycans in leukocytes in myeloproliferative disorders] Kharchenko MF, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):86-91 (Eng. Abstr.) **(Rus)**

[The significance of E and EAC rosettes, acid phosphatase and beta-glucuronidase activity in lymphocyte rosettes, and the level of glycogen in peripheral blood leukocytes in patients with viral hepatitis] Softić N, et al. **Acta Med Iugosl** 1984;38(3):169-88 (Eng. Abstr.) **(Scr)**

MICROBIOLOGY

Low rates of antigen detection and virus isolation from the peripheral blood leukocytes of dengue fever patients. Waterman SH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):380-4

Equine herpesvirus type 2: cell-virus relationship during persistent cell-associated viremia. Gleeson LJ, et al. **Am J Vet Res** 1985 Jan;46(1):19-23

Entry of adult T-cell leukemia-associated virus into human peripheral blood leukocytes. Brief report. Goto T, et al. **Arch Virol** 1985;85(3-4):321-8

Advances in the isolation of HTLV-III from patients with AIDS and AIDS-related complex and from donors at risk. Markham PD, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4588s-4591s

Isolation of haemorrhagic fever with renal syndrome virus from leukocytes of rats and virus replication in cultures of rat and human macrophages. Nagai T, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1271-8

Buffy coat smears of blood drawn through central venous catheters as an aid to rapid diagnosis of systemic fungal infections. Ascuitto RJ, et al. **J Pediatr** 1985 Mar;106(3):445-7

Porcine leukocyte cellular subsets sensitive to African swine fever virus in vitro. Casal I, et al. **J Virol** 1984 Oct;52(1):37-46

An attempt to cultivate human rotavirus in human leukocytes culture (preliminary report). Nozawa CM, et al. **Rev Inst Med Trop Sao Paulo** 1984 Jul-Aug;26(4):228-9

Bovine leukosis virus infectivity in Boophilus microplus ticks. Romero CH, et al. **Vet Rec** 1984 Oct 27;115(17):440-1

PARASITOLOGY

Trypanosoma musculi: population dynamics of erythrocytes and leukocytes during the course of murine infections. Duffey LM, et al. **Exp Parasitol** 1985 Jun;59(3):375-89

Interaction of human leukocytes and Entamoeba histolytica. Killing of virulent amebae by the activated macrophage. Salata RA, et al. **J Clin Invest** 1985 Aug;76(2):491-9

The pattern of peripheral blood leucocyte changes in mice infected with Nematospiroides dubius. Ali NM, et al. **J Helminthol** 1985 Mar;59(1):83-93

PATHOLOGY

Pulmonary leukostasis as the single worst prognostic factor in patients with acute myelocytic leukemia and hyperleukocytosis. Lester TJ, et al. **Am J Med** 1985 Jul;79(1):43-8

Leukocyte tubuloreticular inclusions in Reye's syndrome. Tang TT, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):543-5

The leukergy test in rheumatic diseases. New implications for an old test. Berliner S, et al. **Arthritis Rheum** 1985 Aug;28(8):899-903

Fechtner syndrome--a variant of Alport's syndrome with leukocyte inclusions and macrothrombocytopenia. Peterson LC, et al. **Blood** 1985 Feb;65(2):397-406

Bronchial asthma--what are those inflammatory cells doing there anyway? Atkins PC, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):239-41 (20 ref.)

Simultaneous occurrence of polyarteritis nodosa and leukocytoclastic vasculitis. Pischel KD, et al. **J Rheumatol** 1984 Aug;11(4):542-4

Differential effects of steroids on leukocyte-mediated glomerulonephritis in the rabbit. Holdsworth SR, et al. **Kidney Int** 1984 Aug;26(2):162-9

Imaging of leukocytic infiltration in human cerebral infarcts. Pozzilli C, et al. **Stroke** 1985 Mar-Apr;16(2):251-5

[Alder's anomaly in mucopolysaccharidosis type VI. Cytological, cytochemical and ultrastructural study] Audroin C, et al. **Nouv Rev Fr Hematol** 1985;27(3):183-8 (Eng. Abstr.) **(Fre)**

[An abnormal blastic form observed in a case of L3 ALL in a child] Nakanishi M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1452-7 (Eng. Abstr.) **(Jpn)**

[Suppression of normal myelopoiesis in children with acute leukemia] Vladimirskaia EB, et al. **Gematol Transfuziol** 1985 Mar;30(3):35-8 (Eng. Abstr.) **(Rus)**

[Comparative informative value of the leukogram and the level of circulating immune complexes in patients with acute appendicitis] Rusakov VI, et al. **Vestn Khir** 1985 May;134(5):56-8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Cytogenetic and functional studies of leukocytes with Pelger-Huët anomaly. Matsumoto T, et al. **Acta Haematol (Basel)** 1984;72(4):264-73

Leucocytes activated by C5a des Arg promote endothelial prostacyclin (PGI2) production via release of oxygen species in vitro. Rampart M, et al. **Agents Actions** 1985 Mar;16(1-2):21-2

Malakoplakia and immunosuppressive therapy. Reversal of clinical and leukocyte abnormalities after withdrawal of prednisone and azathioprine. Biggar WD, et al. **Am J Pathol** 1985 Apr;119(1):5-11

Monocyte-enriched cells on calcified tissues. Ali NN, et al. **Anat Embryol (Berl)** 1984;170(2):169-75

Angiogenic capability of peripheral blood mononuclear cells in psoriasis. Majewski S, et al. **Arch Dermatol** 1985 Aug;121(8):1018-21

In vitro cellular migration of leukocytes from turkey poults infected with Alcaligenes faecalis. McCorkle FM, et al. **Avian Dis** 1984 Oct-Dec;28(4):853-7

Deformation of leukocytes on a hematological blood film. Schmid-Schönbein GW, et al. **Biorheology** 1984;21(6):767-81

Leukocyte-endothelial interactions. Harlan JM. **Blood** 1985 Mar;65(3):513-25 (164 ref.)

Blood leucocyte infiltration after intravenous injection of ferritin in the rat. Laohapand T, et al. **Br J Exp Pathol** 1985 Aug;66(4):475-82

Is it important to separate leucocytes and platelets before measuring the filterability of red blood cells? Burkhard O, et al. **Br J Haematol** 1985 Jun;60(2):377-82

Recurrent pyoderma in a family with a defect in leucocyte locomotion. Zielinski CC, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1561-3

Activation of acute-phase responses by intrapreoptic injections of endogenous pyrogen in guinea pigs. Blat CM, et al. **Brain Res Bull** 1984 Jun;12(6):689-95

Increased leukocyte aggregation in patients with hypercholesterolaemia. Lechi C, et al. **Clin Chim Acta** 1984 Dec 15;144(1):11-6

An in vitro model of leukocyte mediated injury to the corneal epithelium. Elgebaly SA, et al. **Curr Eye Res** 1985 Jan;4(1):31-41

Random and directed migration of trout (Salmo gairdneri) leukocytes: activation by antibody, complement, and normal serum components. Griffin BR. **Dev Comp Immunol** 1984 Summer;8(3):589-97

Indium leucocyte imaging in true pyrexia of unknown origin. Hawker RJ, et al. **Eur J Nucl Med** 1985;10(3-4):172-4

Leukocyte LFA-1, OKM1, p150,95 deficiency syndrome: functional and biosynthetic studies of three kindreds. Anderson DC, et al. **Fed Proc** 1985 Jul;44(10):2671-7

The leukocytic reaction of the human uterine cervix to spermatozoa. Pandya IJ, et al. **Fertil Steril** 1985 Mar;43(3):417-21

Inhibition of phagocytosis and chemiluminescence in human leukocytes by a lipid soluble factor in normal tissues. Huang TS, et al. **Infect Immun** 1984 Nov;46(2):544-51

Leukocyte procoagulant activity as an in vitro index of nickel contact hypersensitivity. Aldridge RD, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):350-3

Interference of a human leukocyte interferon preparation with stimulatory activities in leukocyte-conditioned medium for human hematopoietic stem cells. Kanz L, et al. **Int J Cell Cloning** 1984 Sep;2(5):286-95

A motility test of leukocytes under agar. Goedemans WT, et al. **Int J Nucl Med Biol** 1985;12(1):63-5

Effects of white blood cells on the in vitro penetration of zona-free hamster eggs by human spermatozoa. Maruyama DK Jr, et al. **J Androl** 1985 Mar-Apr;6(2):127-35

Surgical considerations in wound healing. Migliori V, et al. **J Foot Surg** 1984 Sep-Oct;23(5):377-81

Relationship of arachidonic acid metabolism to indomethacin-sensitive immunoregulatory function and lymphocyte PGE sensitivity in peripheral blood mononuclear cells of disseminated solid tumor cancer patients. Braum DP, et al. **J Immunopharmacol** 1984;6(3):227-36

Delayed phase of hematoporphyrin-induced phototoxicity: modulation by complement, leukocytes, and antihistamines. Lim HW, et al. **J Invest Dermatol** 1985 Feb;84(2):114-7

Glass cover slip technique for studying in vitro interactions between Giardia trophozoites and host leukocytes by TEM, SEM, and light microscopy. Koester SK, et al. **J Parasitol** 1984 Jun;70(3):443-5

Chemiluminescence of human leukocytes by black-pigmented Bacteroides strains from dental plaque and other sites. van Steenbergen TJ, et al. **J Periodont Res** 1985 Jan;20(1):58-71

Contribution of LTB4 to leukocyte migration in inflammatory lesions. Steele L, et al. **J Pharm Pharmacol** 1984 Sep;36(9):644

The effect of body temperature on leukocyte kinetics during cardiopulmonary bypass. Quiroga MM, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):91-6

Use of horseradish peroxidase and fluorescent dextrans to study fluid pinocytosis in leukocytes. Oliver JM, et al. **Methods Enzymol** 1984;108:336-4[illegible]

Leukocyte distribution to arteriolar branches: dependence on microvascular blood flow. Mayrovitz HN, et al. **Microvasc Res** 1985 May;29(3):282-94

Radial distribution of white cells during blood flow in small tubes. Nobis U, et al. **Microvasc Res** 1985 May;29(3):295-304

Analysis of the effects of measured white blood cell entrance times on hemodynamics in a computer model of a microvascular bed. Fenton BM, et al. **Pflugers Arch** 1985 Apr;403(4):396-401

Splenic leukocytes from chickens injected with Salmonella pullorum antigen stimulate production of corticosteroids by isolated adrenal cells. Siegel HS, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):523-30

The influence of calcium leucovorin on the co-trimoxazole induced inhibition of leukocyte regeneration after bone marrow transplantation in mice. Heidt PJ, et al. **Prog Clin Biol Res** 1985;181:437-41

Leukocyte regulation in depression and schizophrenia. Kronfol Z, et al. **Psychiatry Res** 1984 Sep;13(1):13-8

Peripheral blood mononuclear cells stimulate prostacyclin levels of human synovial fibroblast-like cells. Hamilton JA, et al. **Rheumatol Int** 1985;5(3):121-5

Margination and emigration of leucocytes. Colditz IG. **Surv Synth Pathol Res** 1985;4(1):44-68 (198 ref.)

A new function for activated protein C: activated protein C prevents inhibition of plasminogen activators by releasate from mononuclear leukocytes--platelet suspensions stimulated by phorbol diester. Taylor FB Jr, et al. **Thromb Res** 1985 Jan 1;37(1):155-64

Chemical characterization of an interleukin-1-inducing substance derived from human mixed leukocyte reactions: IL-1-inducing substance is not gamma interferon. Dinarello CA, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):101-13

A granulopoiesis inhibitor partially purified from large-scale serum-free cultures of porcine leukocytes. Kastner M, et al. **Z Naturforsch [C]** 1984 Jun;39(6):639-45

[A new method for studying phagocytosis in peripheral blood leukocytes] Fornusek L, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun;34(4):234-8 (Eng. Abstr.) **(Cze)**

[Phagocytic activity of blood leukocytes in calves from birth to 3 months of age] Toman M, et al. **Vet Med (Praha)** 1985 Jul;30(7):401-8 (Eng. Abstr.) **(Cze)**

[Test of phagocytic activity of blood leukocytes in calves] Toman M, et al. **Vet Med (Praha)** 1985 Jul;30(7):393-400 (Eng. Abstr.) **(Cze)**

[Microautoradiographic method permitting the study of migration of 99m-technetium labelled leukocytes] Colas-Linhart N, et al. **C R Acad Sci [III]** 1985;300(10):413-6 (Eng. Abstr.) **(Fre)**

[Modification of selected leukocyte functions in albino rats caused by the transplantable Jensen sarcoma and by therapeutic trials of cyclophosphamide and vinblastine, Clostridium butyricum M55 and short-term hyperglycemia] Hambsch K, et al. **Arch Geschwulstforsch** 1984;54(5):369-76 (Eng. Abstr.) **(Ger)**

[Changes in the functional state of peripheral blood leukocytes in crew members of small boats] Lomov OP, et al. **Gig Tr Prof Zabol** 1985 Feb;(2):50-2 **(Rus)**

[Effect of irradiation on proteins and phagocytic activity of rat blood leukocytes] Naumenko LA, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):99-103 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Effects of electroacupuncture on leukocytes and plasma protein in the X-irradiated rats. Hau DM. **Am J Chin Med** 1984 Summer;12(1-4):106-14

Triggering of DNA strand breaks by 45 degrees C hyperthermia and its influence on the repair of gamma-radiation damage in human white blood cells. Mitchel RE, et al. **Cancer Res** 1985 May;45(5):2040-5

Morbidity and mortality reduction by supplemental vitamin A or beta-carotene in CBA mice given total-body gamma-radiation. Seifter E, et al. **JNCI** 1984 Nov;73(5):1167-77

Enhancement of murine B cell responses to lipopolysaccharide by supernatants of irradiated peripheral blood leukocytes. Chaby R, et al. **Mol Cell Biochem** 1985 Feb;66(1):31-8

[Comparative assessment of the danger of inhaling 239Pu and 241Am based on the degree of leukopenia in dogs] Kalmykova ZI, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):563-7 (Eng. Abstr.) **(Rus)**

[Chromatin breakdown in the white blood cells of rats during irradiation and in combined radiation injury under cystamine protection] Pechenina NA, et al. **Radiobiologiia** 1985 May-Jun;25(3):370-2 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

111In-leukocytes in Crohn's disease [letter] Sorokin JJ, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):221

SECRETION

[Value of leukocytic histamine liberation tests and intradermal tests in the diagnosis of anaphylactoid reactions to anesthetic products] Facon A, et al. **Ann Fr Anesth Reanim** 1985;4(2):233-7 (Eng. Abstr.) **(Fre)**

TRANSPLANTATION

Allogeneic leukocyte and germ cell-induced murine immunodeficiency. Raghunathan R, et al. **J Immunol** 1985 Oct;135(4):2429-31

Prevention of recurrent spontaneous abortions by leukocyte transfusions. Taylor CG, et al. **J R Soc Med** 1985 Aug; 78(8):623-7

Allosensitization in tumor therapy and prophylaxis, and in female contraception--a prospect for clinical use. Bukovský A, et al. **Med Hypotheses** 1985 Mar;16(3):241-51

A case of materno-foetal histocompatibility--implications for leucocyte transfusion treatment for recurrent aborters. Kilpatrick DC. **Scott Med J** 1984 Apr;29(2):110-2

[Various indices of natural immunity after transfusion of packed leukocytes into hemoblastosis patients] Faĭnshtein FE, et al. **Gematol Transfuziol** 1984 Sep;29(9):13-6 (Eng. Abstr.) **(Rus)**

[Use of extracorporeal hemosorption in the complex of immunocorrective therapy of sepsis in children] Isakov IuF, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):10-4 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Fluorescence reaction of leukocyte granules by morin. Stockert JC, et al. **Acta Histochem [Suppl] (Jena)** 1985; 31:243-52

Electron microscopic demonstration of lysosomal inclusion bodies in lung, liver, lymph nodes, and blood leukocytes of patients with amiodarone pulmonary toxicity. Dake MD, et al. **Am J Med** 1985 Mar;78(3):506-12

The effect of ions and ionophores on cystine egress from human leucocyte lysosome-rich granular fraction. Bashan N, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):267-73

Surface glycoproteins (S-GP) on normal and malignant human leukocytes. Leiter E, et al. **Blut** 1985 Mar; 50(3):157-68

Virus particles and leukocytes in herpes simplex keratitis. Ahonen R, et al. **Cornea** 1984;3(1):43-50

Leukocyte membrane receptors in meningitis and other bacterial infections. Naess A, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):25-9

A tannic acid based preparation procedure which enables leucocytes to be examined subsequently by either SEM or TEM. McCarthy DA, et al. **J Microsc** 1985 Jan;137 (Pt 1):57-64

Scanning electron microscopy of human leukocytes. de Harven E, et al. **Scan Electron Microsc** 1984;(Pt 2):773-82

[Significance of local tumor associated infiltration of mononuclear leukocytes for persistent tumor formations following transurethral resection (TUR) of bladder cancers] Flamm J. **Z Urol Nephrol** 1985 Feb;78(2):65-70 (Eng. Abstr.) **(Ger)**

[Cytogenetic techniques for the observation of chromosomes from the cultured cells of the blood and amniotic fluid] Yosida TH. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):570-5 (Eng. Abstr.) **(Jpn)**

[Ultrastructural observation of skin, peripheral blood cells and rectal mucosa in late infantile ceroid-lipofuscinosis] Kimura S. **No To Hattatsu** 1985 May;17(3):218-22 (Eng. Abstr.) **(Jpn)**

[DNA damage in the cells of human peripheral blood subjected to endogenous and exogenous factors] Fedorov NA, et al. **Gematol Transfuziol** 1985 Jun;30(6):50-5 (77 ref.) **(Rus)**

LEUKOCYTES, POLYMORPHONUCLEAR see **NEUTROPHILS**

LEUKOCYTOSIS

BLOOD

Human colony-stimulating activity-producing tumor: production of very low mouse-active colony-stimulating activity and induction of marked granulocytosis in mice. Ikeda K, et al. **Cancer Res** 1985 Sep;45(9):4144-9

Increased plasma chemoattractant in Sweet's syndrome. Kaplan SS, et al. **J Am Acad Dermatol** 1985 Jun; 12(6):1013-21

CHEMICALLY INDUCED

Theophylline overdose and metabolic abnormalities [letter] Zell M, et al. **Ann Intern Med** 1985 Apr;102(4):562

A synthetic nonapeptide corresponding to the NH2-terminal sequence of C3d-K causes leukocytosis in rabbits. Hoeprich PD Jr, et al. **J Biol Chem** 1985 Mar 10;260(5):2597-600

Circulating T-cell subpopulations in lithium-associated granulocytosis. Crockard AD, et al. **J Immunopharmacol** 1984;6(3):215-26

COMPLICATIONS

Pulmonary leukostasis as the single worst prognostic factor in patients with acute myelocytic leukemia and hyperleukocytosis. Lester TJ, et al. **Am J Med** 1985 Jul; 79(1):43-8

A case of gastric carcinoma associated with excessive granulocytosis. Production of a colony-stimulating factor by the tumor. Obara T, et al. **Cancer** 1985 Aug 15; 56(4):782-8

DIAGNOSIS

[Characteristics of the course of hemorrhagic fever with renal syndrome in hyperleukocytosis] Figurnov VA, et al. **Klin Med (Mosk)** 1985 Apr;63(4):111-4 **(Rus)**

[Intravenous administration of a hypertonic solution for the detection of 'latent' leukocytosis in acute appendicitis] Dzhalagoniia AA, et al. **Vestn Khir** 1984 Nov;133(11):71-3 **(Rus)**

[Pseudothrombocytopenia and pseudoleukocytosis (letter)] Grau Segura E, et al. **Med Clin (Barc)** 1985 May 11; 84(18):754 **(Spa)**

ETIOLOGY

Supportive care for children with cancer. Guidelines of the Childrens Cancer Study Group. Managing the problem of hyperleukocytosis in acute leukemia. Ablin AR. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):287-90 (21 ref.)

(Lankenau Hospital case conference) Mixed cryoglobulinemia causing pseudoleukocytosis. Keshgegian AA, et al. **Clin Chem** 1985 May;31(5):769-73

[Pseudoleukemic hyperleukocytosis disclosing hepatocellular carcinoma (letter)] Sylvain C, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):368-9 **(Fre)**

[Leukocytosis in closed injuries of the brain] Bukurov S, et al. **Glas Srp Akad Nauka [Med]** 1984;(36):1-4 (Eng. Abstr.) **(Scc)**

IMMUNOLOGY

[Correlations of selected immunological parameters, leukocytosis and prognosis in grades I and III cervical cancer during more than 2 years of observation] Rytwiński K, et al. **Nowotwory** 1984 Oct-Dec;34(4):297-304 (Eng. Abstr.) **(Pol)**

METABOLISM

[Acute hyperleukocytic lymphoblastic leukemia (greater than or equal to 100,000 leukocytes/mm3). Metabolic changes during induction treatment. Study, prevention and treatment] Leverger G, et al. **Arch Fr Pediatr** 1985 Apr; 42(4):295-9 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Leukocyte concentration and the yields of metaphase cells in cultured peripheral blood of leukemic patients with hyperleukocytosis. Sato Y, et al. **Cancer Genet Cytogenet** 1985 May;17(1):75-8

[Significance of local tumor associated infiltration of mononuclear leukocytes for persistent tumor formations following transurethral resection (TUR) of bladder cancers] Flamm J. **Z Urol Nephrol** 1985 Feb;78(2):65-70 (Eng. Abstr.) **(Ger)**

[Sweet's syndrome (acute febrile neutrophilic dermatosis)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Jun; (6):7-9 (Eng. Abstr.) **(Rus)**

[Chronic T lymphocytosis and neutropenia (letter)] Bello López JL, et al. **Rev Clin Esp** 1985 Mar;176(5):265 **(Spa)**

THERAPY

[The hyperleukocytic lung. Treatment by subtraction cytopheresis (letter)] Mahul P, et al. **Presse Med** 1984 Oct 6;13(35):2154 **(Fre)**

URINE

Reliability of detection of leucocyturia by means of the dip-stick Cytur-Test. Kaltenis P, et al. **Int Urol Nephrol** 1984;16(3):233-5

VETERINARY

Neutrophilic leukocytosis associated with metastatic fibrosarcoma in a dog. Chinn DR, et al. **J Am Vet Med Assoc** 1985 Apr 15;186(8):806-9

Leucocytosis during normal pregnancy in a bitch. Davies JV, et al. **Vet Rec** 1985 Apr 13;116(15):412-3

LEUKODYSTROPHY, GLOBOID CELL

COMPLICATIONS

Galactosylceramide lipidosis: novel presentation as a slowly progressive spinocerebellar degeneration. Thomas PK, et al. **Ann Neurol** 1984 Nov;16(5):618-20

DIAGNOSIS

Prenatal diagnosis of Krabbe disease using a fluorescent derivative of galactosylceramide. Zeigler M, et al. **Clin Chim Acta** 1984 Oct 15;142(3):313-8

First-trimester diagnosis of Krabbe's disease by direct enzyme analysis of chorionic villi [letter] Kleijer WJ, et al. **N Engl J Med** 1984 Nov 8;311(19):1257

[Biochemical diagnosis of globoid cell leukodystrophy (Krabbe's disease)] Tsvetkova IV, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):128-30 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Enzyme replacement with liposomes containing beta-galactosidase from Charonia lumpas in murine globoid cell leukodystrophy (twitcher). Umezawa F, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):663-7

FAMILIAL & GENETIC

Krabbe disease: increased incidence in a highly inbred community. Zlotogora J, et al. **Am J Med Genet** 1985 Aug; 21(4):765-70

IMMUNOLOGY

The twitcher mouse: positive immunohistochemical staining of globoid cells with monoclonal antibody against Mac-1 antigen. Kobayashi S, et al. **Brain Res** 1985 May; 352(1):49-54

METABOLISM

Galactosylceramide- and lactosylceramide-loading studies in cultured fibroblasts from normal individuals and patients with globoid cell leukodystrophy (Krabbe's disease) and GM1-gangliosidosis. Kobayashi T, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):456-64

Biochemical aspects of globoid and metachromatic leukodystrophies. Farooqui AA, et al. **Neurochem Pathol** 1984 Fall;2(3):189-218 (187 ref.)

PATHOLOGY

Increased vascular density associated with lesions of canine globoid leukodystrophy. Ireland WP, et al. **J Comp Pathol** 1984 Oct;94(4):487-93

Genetic galactosylceramidase deficiency (globoid cell leukodystrophy, Krabbe disease) in different mammalian species. Suzuki K, et al. **Neurochem Pathol** 1985 Spring; 3(1):53-68 (57 ref.)

[Krabbe's globoid-cell leukodystrophy in a 3 1/2-month-old infant] Arkhangel'skiĭ AV, et al. **Arkh Patol** 1984;46(9):82-4 (Eng. Abstr.) **(Rus)**

[Globoid cell leukodystrophy (Krabbe's disease)] P'ianov RP, et al. **Arkh Patol** 1985;47(2):72-5 (Eng. Abstr.) **(Rus)**

[Krabbe's globoid-cell leukodystrophy] Terekhov VZ, et al. **Arkh Patol** 1984;46(9):85-7 (Eng. Abstr.) **(Rus)**

LEUKODYSTROPHY, METACHROMATIC

DIAGNOSIS

Diagnosis of pseudo-arylsulfatase A deficiency with electrophoretic techniques. Chang PL, et al. **Pediatr Res** 1984 Oct;18(10):1042-5

[Adult metachromatic leukodystrophy] Wulff CH, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):600-2 (Eng. Abstr.) **(Dan)**

[Prenatal diagnosis of metachromatic leukodystrophy] Török O, et al. **Orv Hetil** 1985 Feb 3;126(5):273-6 (Eng. Abstr.) **(Hun)**

ENZYMOLOGY

Prevalence of partial cerebroside sulfate sulfatase (arylsulfatase A) defect in adult psychiatric patients. Shah SN, et al. **Biol Psychiatry** 1985 Jan;20(1):50-7

ETIOLOGY

Metachromatic leukodystrophy manifesting as a schizophrenic disorder: computed tomographic correlation. Finelli PF. **Ann Neurol** 1985 Jul;18(1):94-5

FAMILIAL & GENETIC

A variant form of metachromatic leucodystrophy in a patient suffering from another congenital degenerative neurological disease. Nordenbo AM, et al. **Acta Neurol Scand** 1985 Jan;71(1):31-6

Siblings with the Austin variant of metachromatic leukodystrophy multiple sulfatidosis. Bharucha BA, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):477-80

Genotype assignments in a family with the pseudo arylsulfatase a deficiency trait without metachromatic leukodystrophy. Kihara H, et al. **Pediatr Res** 1984 Oct; 18(10):1021-2

[Metachromatic leukodystrophy with a familial incidence; prenatal diagnosis] Pijáčková A, et al. **Cesk Pediatr** 1985 May;40(5):288-90 (Eng. Abstr.) **(Cze)**

[Metachromatic leukodystrophy] Aracena M, et al. **Rev Chil Pediatr** 1984 Nov-Dec;55(6):411-3 (Eng. Abstr.) **(Spa)**

METABOLISM

Biochemical aspects of globoid and metachromatic leukodystrophies. Farooqui AA, et al. **Neurochem Pathol** 1984 Fall;2(3):189-218 (187 ref.)

PATHOLOGY

Papillomatosis of the gallbladder associated with metachromatic leukodystrophy. Burgess JH, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):79-81

Villous papilloma of the gallbladder in association with leukodystrophy. Warfel KA, et al. **Hum Pathol** 1984 Dec; 15(12):1192-4

THERAPY

Bone-marrow transplantation for metachromatic leucodystrophy. Bayever E, et al. **Lancet** 1985 Aug 31; 2(8453):471-3

URINE

HPLC analysis of urinary sulfatide: an aid in the diagnosis of metachromatic leukodystrophy. Strasberg PM, et al. **Clin Biochem** 1985 Apr;18(2):92-7

LEUKOEDEMA, ORAL see under **MOUTH DISEASES**

LEUKOENCEPHALOPATHY, PROGRESSIVE MULTIFOCAL

CHEMICALLY INDUCED

Vascular changes of methotrexate-related disseminated necrotizing leukoencephalopathy. Suzuki K, et al. **Acta Neuropathol (Berl)** 1984;65(2):145-9

COMPLICATIONS

Progressive multifocal leukoencephalopathy in acquired immune deficiency syndrome. Blum LW, et al. **Arch Neurol** 1985 Feb;42(2):137-9

Progressive multifocal leukoencephalopathy in a case of acquired immune deficiency syndrome. Speelman JD, et al. **Clin Neurol Neurosurg** 1985;87(1):27-33

Progressive multifocal leucoencephalopathy in Hodgkin's disease. Bjerrum OW, et al. **Scand J Haematol** 1985 May; 34(5):442-5

DIAGNOSIS

Progressive multifocal leukoencephalopathy. Brooks BR, et al. **Neurol Clin** 1984 May;2(2):299-313

[Demyelinating encephalopathy during the development of breast cancer. Value of nuclear magnetic resonance (letter)] Combelles M, et al. **Presse Med** 1984 Dec 8;13(44):2704 **(Fre)**

ETIOLOGY

Leukoencephalopathy in diffuse hemorrhagic cerebral amyloid angiopathy. Gray F, et al. **Ann Neurol** 1985 Jul; 18(1):54-9

[Progressive multifocal leukoencephalopathy in a patient with acquired immune deficiency syndrome] Morente Gallego M, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):680-2 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

[Patient with progressive multifocal leukoencephalopathy by in situ hybridization: comparison of in situ hybridization using isotopic and biotinylated probes] Nakamura S, et al. **No To Shinkei** 1985 Apr;37(4):359-64 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Progressive multifocal leukoencephalopathy. A case report with special reference to SV40 etiology. Hayashi T, et al. **Acta Pathol Jpn** 1985 Jan;35(1):173-81

Deteriorating neurologic function in a 28-year-old renal transplant recipient [clinical conference] Garcia JH, et al. **Ala J Med Sci** 1985 Apr;22(2):208-14

Emergence of papovavirus in long-term cultures of astrocytes from progressive multifocal leukoencephalopathy patients. Sangalang VE, et al. **J Neuropathol Exp Neurol** 1984 Nov;43(6):553-67

Progressive multifocal leucoencephalopathy: analysis of JC virus DNA from brain and kidney tissue. Dörries K. **Virus Res** 1984 Jan;1(1):25-38

RADIOGRAPHY

Progressive multifocal leukoencephalopathy: clinical and radiographic features. Krupp LB, et al. **Ann Neurol** 1985 Apr;17(4):344-9

[Cutaneous, radiologic and endocrinologic aspects of adrenoleukodystrophy] Pintor C, et al. **Pediatr Med Chir** 1984 May-Jun;6(3):431-4 (Eng. Abstr.) **(Ita)**

LEUKOKININ see **TUFTSIN**

LEUKOPENIA

BLOOD

Complement, granulocytes, and shock lung. Craddock PR. **Am J Emerg Med** 1984 Jan;2(1):78-81

Rapid accurate absolute granulocyte count determination during severe leukopenia using the flow cytometer. Johnson KL, et al. **Am J Hematol** 1985 Feb;18(2):171-7

CHEMICALLY INDUCED

Leucopenia associated with beta-lactam antibiotic therapy. Kaaja R, et al. **Acta Med Scand** 1984;216(5):531-4

Hematological effects of carbamazepine in patients with affective illness. Joffe RT, et al. **Am J Psychiatry** 1985 Oct; 142(10):1196-9

Blood dyscrasia associated with azapropazone therapy [letter] Green ST, et al. **Ann Rheum Dis** 1985 Apr;44(4):286

Cloxacillin-induced leukopenia [letter] Clotet B, et al. **Arch Intern Med** 1985 Aug;145(8):1531

Thrombocytopenia and leucopenia with mianserin-dependent antibodies. Stricker BH, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):102-4

Severe leucopenia in fatal lithium poisoning. Green ST, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):517

Combination of lomustine and cimetidine in the treatment of a patient with malignant glioblastoma: a case report [letter] Hess WA, et al. **Cancer Treat Rep** 1985 Jun; 69(6):733

Severe leukopenia induced by aminoglutethimide. Kampel LJ, et al. **Cancer Treat Rep** 1984 Oct;68(10):1277-8

Leukopenia due to ticlopidine in a patient with chronic renal failure [letter] Bedani PL, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):641-2

Bronchial hyperreactivity occurs in steroid-treated guinea pigs depleted of leukocytes by cyclophosphamide. Murlas C, et al. **J Appl Physiol** 1985 May;58(5):1630-7

Relationship between leukopenia and bone marrow myeloperoxidase in the rat treated with propylthiouracil. Kariya K, et al. **Jpn J Pharmacol** 1984 Oct;36(2):217-22

Sulphasalazine in rheumatoid arthritis [letter] Bax DE, et al. **Lancet** 1985 Jun 22;1(8443):1450

Leukopenia due to a trimethoprim-azathioprine interaction [letter] Bailey RR. **NZ Med J** 1984 Oct 24;97(766):739

Aminoglutethimide-induced leukopenia: a case report and review of the literature. Gez E, et al. **Oncology** 1984; 41(6):399-402

Protamine-induced thrombocytopenia and leukopenia. Al-Mondhiry H, et al. **Thromb Haemost** 1985 Feb 18; 53(1):60-4

Cellulosic membrane induced leukopenia after reprocessing with sodium hypochlorite. Rancourt M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:49-51

Prolonged cholestatic jaundice and leukopenia associated with piroxicam. Hartmann H, et al. **Z Gastroenterol** 1984 Jul;22(7):343-5

[Dose-effect relation in therapy of cytostatic-induced leukopenia with lithium carbonate] Burdach SE, et al. **Klin Padiatr** 1985 May-Jun;197(3):253-7 (Eng. Abstr.) **(Ger)**

[Hematological methods of occupational screening and detection of latent sensitization in patients with occupational dermatoses] Flomen ED. **Vestn Dermatol Venerol** 1984 Dec;(12):46-9 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

The outcome of bacterial infection in subjects with benign familial leukopenia (BFL). Shoenfeld Y, et al. **Biomed Pharmacother** 1985;39(1):23-6

Treatment of Pseudomonas aeruginosa septicemia in neutropenic patients with ceftazidime [letter] de Pauw BE, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):228-9

Use of discriminative models of Pseudomonas aeruginosa bacteremia in granulocytopenic rats for testing antimicrobial efficacy. Johnson D. **Eur J Clin Microbiol** 1985 Apr;4(2):207-12

Caring of the nails and anticancer treatment [letter] Gutjahr P, et al. **Eur J Pediatr** 1984 Nov;143(1):74

High-dose ketoconazole (HD-KNZ) in the initial treatment of leucopenic patients with fever [letter] Schmitt HJ, et al. **Eur J Pediatr** 1984 Nov;143(1):73

CONGENITAL

Severe congenital leukopenia (reticular dysgenesis). Immunologic and morphologic characterizations of leukocytes. Roper M, et al. **Am J Dis Child** 1985 Aug; 139(8):832-5

Severe congenital neutropenia with unique features of dysgranulopoiesis. Lightsey AL, et al. **Am J Hematol** 1985 Jan;18(1):59-71

DIAGNOSIS

Apurulent bacterial meningitis (compartmental leucopenia in purulent meningitis). Felgenhauer K, et al. **J Neurol** 1985; 232(3):157-61

DRUG THERAPY

[Short-term effect of 23 cases of leukopenia treated with Chinese huo xue hua yu drugs] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):717-9 (Eng. Abstr.) **(Chi)**

[Clinical use of lithium salts] Szwed W, et al. **Wiad Lek** 1985 Mar 15;38(6):432-6 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Virus-induced leukopenia: Colorado tick fever as a human model. Andersen RD, et al. **J Infect Dis** 1985 Mar; 151(3):449-53

Hematologic changes in brucellosis. Crosby E, et al. **J Infect Dis** 1984 Sep;150(3):419-24

Leukopenia in Still's disease [letter] **JAMA** 1985 Apr 19; 253(15):2193-4

Leukopenia in Still's disease. Scopelitis E, et al. **JAMA** 1984 Nov 2;252(17):2450-2

The effect of dialysate temperature on haemodialysis leucopenia. Enia G, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:167-72

Acute pulmonary hypertension, leucopenia and hypoxia in early haemodialysis. Walker JF, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:135-42

Second report on experience with high-dosage upper and lower semi-body irradiation. III. Haematological and special enzyme findings with high-dose superfractionated upper and lower half-body irradiation. Dallüge KH, et al. **Radiobiol Radiother (Berl)** 1984;25(4):513-6

The effect of anaesthesia and surgery for benign disease of the upper urinary tract on circulating leucocyte subpopulations identified with monoclonal antibodies. Ritchie AW, et al. **Urol Res** 1984;12(6):267-9

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case 5--1984. Fever and leukopenia 27 years after splenectomy] Guillevin L, et al. **Ann Med Interne (Paris)** 1984;135(7):568-72 **(Fre)**

[Leukopenia] Deubelbeiss K. **Schweiz Rundsch Med Prax** 1985 Jan 15;74(3):34-6 (7 ref.) (Eng. Abstr.) **(Ger)**

[Significance of the leukocyte reaction in the complex treatment of cancer patients] Sokolova II, et al. **Sov Med** 1984;(10):109-11 **(Rus)**

MICROBIOLOGY

Prophylaxis of Pseudomonas aeruginosa infections in leukopenic mice by a combination of active and passive immunization. Martinez D, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):186-9

OCCURRENCE

[Prevalence of leukopenia in Chengdu] Wang JS. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):160-2 **(Chi)**

PATHOLOGY

[Clinico-morphologic and scintigraphic characteristics of bone marrow, liver and spleen in patients with a leukopenic syndrome] Osechenskaia GV, et al. **Gematol Transfuziol** 1984 Oct;29(10):17-21 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Deterioration of oxygenation and abnormal lung microvascular permeability during resolution of leukopenia in patients with diffuse lung injury. Rinaldo JE, et al. **Am Rev Respir Dis** 1985 Apr;131(4):579-83

PREVENTION & CONTROL

Leukopenia, trimethoprim-sulfamethoxazole, and folinic acid [letter] Hollander H. **Ann Intern Med** 1985 Jan;102(1):138

[Lithium carbonate--a preventive agent against leukopenia during cytostatic therapy] Lahousen M, et al. **Wien Klin Wochenschr** 1984 Oct 12;96(19):739-41 (Eng. Abstr.) **(Ger)**

LEUKOPHERESIS see **LEUKAPHERESIS**

LEUKOPLAKIA

PATHOLOGY

Familial benign chronic pemphigus appearing as leukoplakia of the vulva. Evron S, et al. **Int J Dermatol** 1984 Oct; 23(8):556-7

Hyperkeratotic squamous epithelium of pelvis and ureter in solitary kidney. Zipkin JW, et al. **Urology** 1985 Jun; 25(6):625-6

[Carcinoma formation in a neovagina following vaginoplasty] Rummel HH, et al. **Geburtshilfe Frauenheilkd** 1985 Feb; 45(2):124-5 (Eng. Abstr.) **(Ger)**

[A case of 'verrucous hyperplasia'; a vesical leukoplakia showing unusual macroscopic and histological findings] Iritani Y, et al. **Hinyokika Kiyo** 1984 Jun;30(6):803-8 (Eng. Abstr.) **(Jpn)**

[Incidence of leukoplakia and keratosis in women with suspicious cytological smears] Berliński B, et al. **Wiad Lek** 1984 Dec 15;37(24):1918-21 (Eng. Abstr.) **(Pol)**

RADIOGRAPHY

[Clinical and radiological diagnosis considerations on 2 cases of achalasia] Limido G, et al. **Minerva Med** 1985 Jan 14; 76(1-2):21-7 (Eng. Abstr.) **(Ita)**

RADIOTHERAPY

[Beta therapy in treating leukoplakia vulvae] Iliev E, et al. **Akush Ginekol (Sofiia)** 1985;24(2):59-63 **(Bul)**

SURGERY

[Leukoplakia of the larynx--a precancerous condition] Nikolić L, et al. **Med Pregl** 1984;37(3-4):113-5 (Eng. Abstr.) **(Scr)**

[Precancerous diseases of the larynx] Mitrović M, et al. **Zb Vojnomed Akad** 1983;25:45-7 (Eng. Abstr.) **(Scr)**

ULTRASTRUCTURE

[Leukoplakia of the bladder] Romanenko AM, et al. **Arkh Patol** 1985;47(1):52-8 (Eng. Abstr.) **(Rus)**

LEUKOPLAKIA, ORAL

ANALYSIS

DNA content in reactive hyperplasia, precancerosis, and carcinomas of the oral cavity. A cytophotometric study. Doseva D, et al. **Acta Histochem (Jena)** 1984;75(2):113-9

Distribution of fibronectin and laminin in oral leukoplakia and carcinoma. Meyer JR, et al. **J Oral Pathol** 1985 Mar; 14(3):247-55

COMPLICATIONS

Oral viral leukoplakia--a new AIDS-associated condition. Greenspan JS, et al. **Adv Exp Med Biol** 1985;187:123-8

Dyskeratosis congenita with pancytopenia. Dodd HJ, et al. **Clin Exp Dermatol** 1985 Jan;10(1):73-8

DIAGNOSIS

The clinical problem of oral psoriasis. Elliott JR, et al. **Ear Nose Throat J** 1985 May;64(5):223-7

Oral leukoplakia. Current concepts in diagnosis, management, and malignant potential. Dorey JL, et al. **Int J Dermatol** 1984 Dec;23(10):638-42 (42 ref.)

[White lesions: diagnosis and cryotherapy] Fiore-Donno G, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct;94 Spec No:904-13 (Eng. Abstr.) **(Fre)**

ETIOLOGY

A study of dose-response relationship between tobacco habits and oral leukoplakia. Gupta PC. **Br J Cancer** 1984 Oct; 50(4):527-31

Electrogalvanically-induced contact allergy of the oral mucosa. Report of a case. Lind PO, et al. **Int J Oral Surg** 1984 Aug;13(4):339-45

Leads from the MMWR. Oral viral lesion (hairy leukoplakia) associated with acquired immunodeficiency syndrome. **JAMA** 1985 Oct 4;254(13):1694

Oral viral lesion (hairy leukoplakia) associated with acquired immunodeficiency syndrome. **MMWR** 1985 Sep 13; 34(36):549-50

FAMILIAL & GENETIC

[Preliminary study of sister chromatid exchanges and chromosomal aberrations in the lymphocytes of patients with leukoplakia and oral carcinoma] Li HF, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):69-71, 125 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

Quantitative analysis of immunocompetent cells in human normal oral and uterine cervical mucosa, oral papillomas and leukoplakias. Becker J, et al. **Arch Oral Biol** 1985; 30(3):257-64

METABOLISM

Melanin, an adrenochrome's metabolism in epidermoid carcinoma: two case reports. Babcock PP, et al. **NY J Dent** 1984 Sep-Oct;54(6):259-66

MICROBIOLOGY

Analysis of oral papillomas, leukoplakias, and invasive carcinomas for human papillomavirus type related DNA. Löning T, et al. **J Invest Dermatol** 1985 May;84(5):417-20

Oral 'hairy' leucoplakia in male homosexuals: evidence of association with both papillomavirus and a herpes-group virus. Greenspan D, et al. **Lancet** 1984 Oct 13;2(8407):831-4

Viruses and oral 'hairy' leucoplakia [letter] Madeley CR. **Lancet** 1984 Dec 1;2(8414):1279

OCCURRENCE

[A survey on oral leukoplakia among the Vighur, Han and Khazak peoples in rural and farming areas in Xinjiang] Mu J. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun; 19(2):114-6 **(Chi)**

PATHOLOGY

Oral warty dyskeratoma. Chau MN, et al. **J Oral Pathol** 1984 Oct;13(5):546-56

Focal acantholytic dyskeratosis and epidermolytic hyperkeratosis of the oral mucosa adjacent to squamous cell carcinoma. Brodsky G. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):388-93

Proliferative verrucous leukoplakia. A long-term study of thirty patients. Hansen LS, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):285-98

Light, electron and immunofluorescence microscopic features of oral lichen planus, lupus erythematosus and leukoplakia. A review. Jungell P, et al. **Proc Finn Dent Soc** 1984;80(3):107-14 (63 ref.)

[Clinical analysis of 261 cases of oral leukoplakia] Hu BQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):115-7 **(Chi)**

[Striated lichenoid keratosis. 2 cases with oral manifestations] Wallach D, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(4):307-10 (Eng. Abstr.) **(Fre)**

[Malignant progression of oral leukoplakia--a long-term follow-up study] Inoue A, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):18-24 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Selenium inhibition of chemical carcinogenesis in the upper aerodigestive tract of hamsters. Goodwin WJ, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):373-9

SURGERY

Glycogen content in regenerated epithelium following cryosurgery on oral leukoplakia. Tal H. **J Oral Med** 1984 Oct-Dec;39(4):246-9

ULTRASTRUCTURE

Ultrastructural study of the keratinization process in different clinical types of oral leukoplakia. Rodriguez I, et al. **Acta Morphol Hung** 1984;32(3-4):175-80

Oral leukoplakia: nuclear volume and mitotic index. Rodriguez-Pérez I, et al. **Acta Morphol Hung** 1984; 32(3-4):245-9

LEUKORRHEA

DRUG THERAPY

Single dose of tinidazole in the treatment of vaginal discharge. Paavonen J, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:237-40

ETIOLOGY

The clinical importance of vaginal discharge in childhood. Kingsbury A. **Aust NZ J Obstet Gynaecol** 1984 May; 24(2):135-8

MICROBIOLOGY

The prevalence, six-month persistence, and predictive values of laboratory indicators of bacterial vaginosis (nonspecific vaginitis) in asymptomatic women. Bump RC, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):917-24

Primary isolation of curved rods from women with vaginal discharge. Hjelm E, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:113-6

Numerical taxonomy of motile anaerobic curved rods isolated from vaginal discharge. Påhlson C, et al. **Scand J Urol Nephrol [Suppl]** 1984;86:251-6

[Microbiologic findings in vaginal discharges] Hoyme UB, et al. **Geburtshilfe Fraunheilkd** 1984 Dec;44(12):796-802 (Eng. Abstr.) **(Ger)**

LEUKOSARCOMA

ETIOLOGY

Possible viral etiology of childhood acute lymphosarcoma-cell leukaemia in Kenya. Kasili EG. **IARC Sci Publ** 1984;(63):745-7

PATHOLOGY

Leukemic manifestations in a patient with extranodal lymphoma--lymphosarcoma cell leukemia or prolymphocytic leukemia? Shimizu K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):118-23

LEUKOSIS, AVIAN see **AVIAN LEUKOSIS**

LEUKOTAXIS see **CHEMOTAXIS, LEUKOCYTE**

LEUKOTOMY see **PSYCHOSURGERY**

LEUKOTRIENE B4 see **LEUKOTRIENES B**

LEUKOTRIENE C1 see **SRS-A**

LEUKOTRIENE C4 see **SRS-A**

LEUKOTRIENE D4 see **SRS-A**

LEUKOTRIENES B

Leukotrienes. Stenson WF, et al. **Adv Intern Med** 1984; 30:175-99 (107 ref.)

Chemistry of the prostaglandins and leukotrienes. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:1-444

Structural determination of leukotrienes and lipoxins. Samuelsson B, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:45-71 (63 ref.)

Analogs of leukotrienes and related lipoxygenase products. Toda M, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:427-36 (26 ref.)

Leukotrienes. Ophir J, et al. **Int J Dermatol** 1985 May; 24(4):199-203 (70 ref.)

The leukotrienes. Stjernschantz J. **Med Biol** 1984; 62(4):215-30 (164 ref.)

Leukotrienes and other lipoxygenase products: proceedings of an official satellite symposium of IUPHAR 9th International Congress of Pharmacology. London, 4th August 1984. **Prostaglandins** 1984 Nov;28(5):589-739

[Leukotrienes] Dobrosotskaia LV, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):452-60 (85 ref.) (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

The responses of normal and psoriatic skin to single and multiple topical applications of leukotriene B4. Wong E, et al. **J Invest Dermatol** 1985 May;84(5):421-3

ANALOGS & DERIVATIVES

Stereochemistry, total synthesis, and biological activity of 14,15-dihydroxy-5,8,10,12-eicosatetraenoic acid. Radmark O, et al. **J Biol Chem** 1984 Nov 10;259(21):13011-6

Oxidation of leukotrienes at the omega end: demonstration of a receptor for the 20-hydroxy derivative of leukotriene B4 on human neutrophils and implications for the analysis of leukotriene receptors. Clancy RM, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5729-33

Inhibition of human natural killer cell activity by (14R,15S)-14,15-dihydroxy-5Z,8Z,10E,12E-icosatetraenoic acid. Ramstedt U, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6914-8

Biological activities of isomers of 8,15-dihydroxyeicosatetraenoic acid. Evans J, et al. **Prostaglandins** 1984 Sep;28(3):435-8

ANALYSIS

Analysis of leukotrienes, prostaglandins, and other oxygenated metabolites of arachidonic acid by high-performance liquid chromatography. Henke DC, et al. **Anal Biochem** 1984 Jul;140(1):87-94

Reversed-phase high-pressure liquid chromatography of arachidonic acid metabolites formed by cyclooxygenase and lipoxygenases. Powell WS. **Anal Biochem** 1985 Jul; 148(1):59-69

Characteristics of the epitope of leukotriene B4 recognized by a highly specific mouse monoclonal antibody. Lee JY, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):944-50

The effect of etretinate on the cyclo-oxygenase and lipoxygenase products of arachidonic acid metabolism in psoriatic skin. Wong E, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):523-7

Determination of leukotrienes and prostaglandins in [14C] arachidonic acid labelled human lung tissue by high-performance liquid chromatography and radioimmunoassay. Zijlstra FJ, et al. **J Chromatogr** 1984 Nov 9;311(1):39-50

Development of enzyme-linked immunosorbent assays for measurement of leukotrienes and prostaglandins. Miller DK, et al. **J Immunol Methods** 1985 Aug 2;81(2):169-85

Leukotriene B4, polymorphonuclear leukocytes and inflammatory exudates in the rat. Ford-Hutchinson AW, et al. **Prostaglandins** 1984 Jul;28(1):13-27

Detection of leukotriene B4 in equine inflammatory exudate. Higgins AJ, et al. **Vet Rec** 1984 Sep 15;115(11):275

ANTAGONISTS & INHIBITORS

Phorbol esters inhibit the fMet-Leu-Phe- and leukotriene B4-stimulated calcium mobilization and enzyme secretion in rabbit neutrophils. Naccache PH, et al. **J Biol Chem** 1985 Feb 25;260(4):2125-31

BIOSYNTHESIS

A cell-free preparation of human neutrophils catalyzing NADPH-dependent conversion of leukotriene B4. Sumimoto H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):615-21

Evidence for generation of leukotriene B4 in human polymorphonuclear leukocytes treated with linoleylanilide. Garcia Gil M, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3303-6

Carbon tetrachloride-induced eicosanoid synthesis and enzyme release from rat peritoneal leucocytes. Lynch TJ, et al. **Biochem Pharmacol** 1985 May 1;34(9):1515-22

Comparison of the effects of some compounds on human neutrophil degranulation and leukotriene B4 and thromboxane B2 synthesis. Palmer RM, et al. **Biochem Pharmacol** 1985 May 1;34(9):1485-90

Inhibition of leukotriene B4 formation in human neutrophils after oral nafazatrom (Bay g 6575). Strasser T, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1891-4

Effect of orally administered eicosapentaenoic acid (EPA) on the formation of leukotriene B4 and leukotriene B5 by rat leukocytes. Terano T, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3071-6

The biosynthesis of leukotriene B4, the predominant lipoxygenase product in rabbit alveolar macrophages, is enhanced during immune activation. Hsueh W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):92-7

Leukotriene formation by bovine polymorphonuclear leukocytes. Walstra P, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):499-503

Generation of leukotrienes from normal epidermis and their demonstration in cutaneous disease. Rosenbach T, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:157-67

Leukotrienes: their formation and role as inflammatory mediators. Ford-Hutchinson AW. **Fed Proc** 1985 Jan;44(1 Pt 1):25-9 (47 ref.)

Characterization of effect of N-formyl-methionyl-leucyl-phenylalanine on leukotriene synthesis in human polymorphonuclear leukocytes. Salari H, et al. **Inflammation** 1985 Jun;9(2):127-38

Role of bacterial adherence and toxin production from Escherichia coli on leukotriene generation from human polymorphonuclear granulocytes. König W, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):118-20

Leukotriene B formation by neutrophils from essential fatty acid-deficient rats. Stenson WF, et al. **J Biol Chem** 1984 Oct 10;259(19):11784-9

Generation of leukotrienes by human monocytes upon stimulation of their beta-glucan receptor during phagocytosis. Czop JK, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2751-5

Leukotriene B5 is formed in human neutrophils after dietary supplementation with icosapentaenoic acid. Strasser T, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1540-3

Generation of leukotriene B4 and leukotriene E4 from porcine pulmonary artery. Piper PJ, et al. **Prostaglandins** 1984 Dec;28(6):905-14

Double bond requirement for the 5-lipoxygenase pathway. Wei YF, et al. **Prostaglandins** 1985 Apr;29(4):537-45

Synthesis of prostaglandins and leukotrienes. Effects of ethanol. Murphy RC, et al. **Recent Dev Alcohol** 1985; 3:101-22 (122 ref.)

BLOOD

Association of leukotriene B4 with the cytoskeleton of rabbit neutrophils. Effect of chemotactic factor and phorbol esters. Naccache PH, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):963-9

Carbon monoxide inhibits omega-oxidation of leukotriene B4 by human polymorphonuclear leukocytes: evidence that catabolism of leukotriene B4 is mediated by a cytochrome P-450 enzyme. Shak S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):475-81

The metabolism of leukotrienes in blood plasma studied by high-performance liquid chromatography. Köller M, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):128-34

Oxidation of leukotrienes at the omega end: demonstration of a receptor for the 20-hydroxy derivative of leukotriene B4 on human neutrophils and implications for the analysis of leukotriene receptors. Clancy RM, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5729-33

Leukotriene B4 binding to human neutrophils. Lin AH, et al. **Prostaglandins** 1984 Dec;28(6):837-49

CHEMICAL SYNTHESIS

Synthesis and structure elucidation of leukotrienes. Marfat A, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 14:155-228 (144 ref.)

Synthesis of leukotriene B3. Spur B, et al. **Arch Pharm (Weinheim)** 1985 Mar;318(3):225-8

A route to the total synthesis of iso-LTB4 system. Pirillo D, et al. **Farmaco [Sci]** 1985 Apr;40(4):249-52

IMMUNOLOGY

How are prostaglandins and leukotrienes involved in immunological alterations? Lewis RA. **J Trauma** 1984 Sep; 24(9 Suppl):S125-37

ISOLATION & PURIFICATION

Influences of salts on high-performance liquid chromatography of leukotrienes. Abe M, et al. **Anal Biochem** 1985 Feb 1;144(2):417-22

METABOLISM

Leukotrienes: biosynthesis, metabolism, and analysis. Borgeat P, et al. **Adv Lipid Res** 1985;21:47-77 (148 ref.)

Metabolism of leukotriene B4 in hepatic microsomes. Newton JF, et al. **Biochem Biophys Res Commun** 1985 Apr 30; 128(2):733-8

Leukotriene B4-like material in scale of psoriatic skin lesions. Brain SD, et al. **Br J Pharmacol** 1984 Sep;83(1):313-7

Studies on leukotriene B4 omega-oxidation in human leukocytes. Nadeau M, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1321-6

Dexamethasone inhibits the production of thromboxane B2 and leukotriene B4 by human alveolar and peritoneal macrophages in culture. Fuller RW, et al. **Clin Sci** 1984 Dec;67(6):653-6

Alternative pathways of arachidonate metabolism: prostaglandins, thromboxane and leukotrienes. Johnson M, et al. **Essays Biochem** 1983;19:40-141 (356 ref.)

Metabolism of leukotrienes by L-gamma-glutamyl-transpeptidase and dipeptidase from human polymorphonuclear granulocytes. Raulf M, et al. **Immunology** 1985 May;55(1):135-47

Metabolism of leukotrienes B4 and C4 in the isolated perfused rat lung. Harper TW, et al. **J Biol Chem** 1984 Dec 10; 259(23):14437-40

Studies of leukotriene B4-specific binding and function in rat polymorphonuclear leukocytes: absence of a chemotactic response. Kreisle RA, et al. **J Immunol** 1985 May;134(5):3356-63

Intracellular retention of the 5-lipoxygenase pathway product, leukotriene B4, by human neutrophils activated with unopsonized zymosan. Williams JD, et al. **J Immunol** 1985 Apr;134(4):2624-30

Effect of dietary enrichment with eicosapentaenoic and docosahexaenoic acids on in vitro neutrophil and monocyte leukotriene generation and neutrophil function. Lee TH, et al. **N Engl J Med** 1985 May 9;312(19):1217-24

PHARMACODYNAMICS

Pharmacology of the leukotrienes. Sirois P. **Adv Lipid Res** 1985;21:79-101 (152 ref.)

Effects of auranofin on leukotriene production and leukotriene stimulated neutrophil function. Hafström I, et al. **Agents Actions** 1984 Dec;15(5-6):551-5

Superoxide dismutase inhibits LTB4-induced leukotaxis. Martin W, et al. **Agents Actions** 1985 Mar;16(1-2):48-9

Effects of leukotrienes on neutrophil migration, and on production and action of lymphokines. Svenson M, et al. **Allergy** 1984 Aug;39(6):481-4

Activation of NADPH oxidase in human neutrophils. Synergism between fMLP and the neutrophil products PAF and LTB4. Dewald B, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):297-304

Pertussis toxin inhibits the rise in the intracellular concentration of free calcium that is induced by chemotactic factors in rabbit neutrophils: possible role of the 'G proteins' in calcium mobilization. Molski TF, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):644-50

Effects of LTB4 and Ca++ ionophore A23187 on the release by human alveolar macrophages of factors controlling fibroblast functions. Polla B, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):560-7

Acetyl glyceryl ether phosphorylcholine (PAF-acether) and leukotriene B4-mediated neutrophil chemotaxis through an intact endothelial cell monolayer. Hopkins NK, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):30-6

Enhancement of chemotactic factor-stimulated neutrophil oxidative metabolism by leukotriene B4. Gay JC, et al. **Blood** 1984 Oct;64(4):780-5

Pharmacological actions of leukotrienes in the skin. Ford-Hutchinson AW, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:95-7

Leukotrienes B4, C4 and D4 stimulate DNA synthesis in cultured human epidermal keratinocytes. Kragballe K, et al. **Br J Dermatol** 1985 Jul;113(1):43-52

Leukotrienes reduce nociceptive responses to bradykinin. Schweizer A, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):105-12

Effect of neutrophil migration induced by leukotriene B4 on protein permeability in sheep lung. Staub NC, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):30-5

Lack of effect of LTB4 on human natural killer cell activity and T lymphocyte transformation. Hall TJ, et al. **Immunol Lett** 1985;9(5):255-8

Leukotriene induction of TxB2 in cultured bovine aortic endothelial cells. Dunham B, et al. **Inflammation** 1984 Sep; 8(3):313-21

Activation of the human neutrophil secretory process with 5(S),12(R)-dihydroxy-6,14-cis-8,10-trans-eicosatetraenoic acid. Smith RJ, et al. **Inflammation** 1984 Dec;8(4):365-84

Leukotrienes on porcine hemodynamics and prostanoid release. Fiedler VB, et al. **Int J Cardiol** 1985 Aug; 8(4):451-63

Effects of leukotrienes on the electroretinographic profile of the isolated rat retina. Doly M, et al. **Int J Tissue React** 1985;7(2):111-6

Intracellular calcium redistribution and its relationship to fMet-Leu-Phe, leukotriene B4, and phorbol ester induced rabbit neutrophil degranulation. Naccache PH, et al. **J Cell Physiol** 1985 Feb;122(2):273-80

Leukotriene B4 stimulates polymorphonuclear leukocyte adhesion to cultured vascular endothelial cells. Gimbrone MA Jr, et al. **J Clin Invest** 1984 Oct;74(4):1552-5

Possible in vivo modulation of the immune system by the leukotriene, LTB4. I. Delayed suppression of cellular immunity. Myers MJ, et al. **J Clin Lab Immunol** 1984 Dec; 15(4):205-9

Effect of lipoxygenase metabolites of arachidonic acid on proliferation of human T cells and T cell subsets. Gualde N, et al. **J Immunol** 1985 Feb;134(2):1125-9

Differential effects of leukotriene B4 on T4+ and T8+ lymphocyte phenotype and immunoregulatory functions. Rola-Pleszczynski M. **J Immunol** 1985 Aug;135(2):1357-60

Stimulatory effects of leukotriene B4 on macrophage association with and intracellular destruction of Trypanosoma cruzi. Wirth JJ, et al. **J Immunol** 1985 Mar; 134(3):1989-93

Effects of synthetic leukotrienes on local blood flow and vascular permeability in porcine skin. Chan CC, et al. **J Invest Dermatol** 1985 Feb;84(2):154-7

Inhibition by diethylcarbamazine of acetylcholine-induced endothelium-dependent relaxation of rabbit aorta: are leukotrienes involved? Förstermann U, et al. **J Pharm Pharmacol** 1984 Oct;36(10):696-7

Differential effects of lipoxygenase products on FMLP and LTB4 evoked neutrophil aggregation. Beckman JK, et al. **Lipids** 1985 Jun;20(6):357-60

Mechanism of leukotriene-induced contraction of isolated guinea pig tracheal smooth muscle. Sasaki T, et al. **Lung** 1984;162(6):369-80

Leukotriene B4 mobilizes calcium without the breakdown of polyphosphoinositides and the production of phosphatidic acid in rabbit neutrophils. Volpi M, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5966-9

Potentiating effects of leukotriene B4 and prostaglandin E2 on urinary sodium excretion by the dog kidney. Hébert RL, et al. **Prostaglandins Leukotrienes Med** 1985 Apr; 18(1):69-80

Constricting effect of leukotrienes on cerebral arterioles of mice. Rosenblum WI. **Stroke** 1985 Mar-Apr;16(2):262-3

[Leukotrienes and other lipoxygenase derivatives: a group of pharmacologically very active lipid mediators] Maclouf J, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):5-8 **(Fre)**

[The effect of leukotriene B4 (LTB4) on chemotaxis of human peripheral blood monocytes] Katoh M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):349-56 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Leukotrienes and prostaglandins in asthma. Bisgaard H. **Allergy** 1984 Aug;39(6):413-20

A presumptive role for leukotrienes in obstructive airways diseases. Lewis RA. **Chest** 1985 Aug;88(2 Suppl):98S-102S (62 ref.)

Role of peptide leukotrienes and their hepatobiliary elimination in endotoxin action. Hagmann W, et al. **Circ Shock** 1984;14(4):223-35

Arachidonic acid and leukotrienes in clinical dermatology. Kragballe K, et al. **Curr Probl Dermatol** 1985;13:1-10

Eicosanoids as mediators of ischemia and shock. Lefer AM. **Fed Proc** 1985 Feb;44(2):275-80 (33 ref.)

Neutrophil degranulation: evidence pertaining to its mediation by the combined effects of leukotriene B4, platelet-activating factor, and 5-HETE. O'Flaherty JT. **J Cell Physiol** 1985 Feb;122(2):229-39

The chemotactic response of granulocytes to the low molecular weight chemoattractants f-MLP, C5f, and LTB4 is dependent on chemokinetic factors. Håkansson L, et al. **J Leukocyte Biol** 1985 Oct;38(4):521-30

Contribution of LTB4 to leukocyte migration in inflammatory lesions. Steele L, et al. **J Pharm Pharmacol** 1984 Sep;36(9):644

[Leukotrienes and monohydroxy fatty acids: controversial role in the pathogenesis of psoriasis] Ruzicka T. **Hautarzt** 1985 May;36(5):255-8 (Eng. Abstr.) **(Ger)**

[Biochemistry and significance of prostaglandins, prostacyclins, thromboxanes and leukotrienes and the modification of their biosynthesis by essential fatty acids] Kolb E. **Z Gesamte Inn Med** 1985 Mar 15;40(6):165-72 (Eng. Abstr.) **(Ger)**

[Physiological and pharmacological actions of prostaglandins and related substances: inflammation and allergy] Makino S. **Nippon Rinsho** 1985 Mar;43(3):523-8 (24 ref.) **(Jpn)**

SECRETION

Allergen-induced release of sulphidopeptide leukotrienes (SRS-A) and LTB4 in allergic rhinitis. Shaw RJ, et al. **Allergy** 1985 Jan;40(1):1-6

Release of leukotrienes, induced by the Ca++ ionophore A23187, from human lung parenchyma in vitro. Sautebin L, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):217-21

Leucocyte leukotriene B4 secretion precedes anergy in burn-injured patients [letter] Braquet M, et al. **Lancet** 1984 Oct 27;2(8409):976-7

THERAPEUTIC USE

Thromboxane and leukotrienes in clinical and experimental transplant rejection. Foegh ML, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:209-17

URINE

Metabolism of leukotriene B4 in the monkey. Identification of the principal nonvolatile metabolite in the urine. Serafin WE, et al. **Prostaglandins** 1984 Jun;27(6):899-911

LEUKOTRIENES C see **SRS-A**

LEUKOTRIENES D see **SRS-A**

LEUKOVIRUSES see **RETROVIRIDAE**

LEUPEPTINS see under **OLIGOPEPTIDES**

LEUROCRISTINE see **VINCRISTINE**

LEVALLORPHAN

ANALOGS & DERIVATIVES

Relative affinities of the quaternary narcotic antagonist, N-methyl levallorphan (SR 58002), for different types of opioid receptors. Bianchetti A, et al. **Neuropeptides** 1985 Feb;5(4-6):379-82

THERAPEUTIC USE

Reversal of neurological deficits by levallorphan in patients with acute ischemic stroke. Handa N, et al. **J Cereb Blood Flow Metab** 1985 Sep;5(3):469-72

LEVAMISOLE

ADMINISTRATION & DOSAGE

The effectiveness of levamisole hydrochloride against the microfilaria of Dirofilaria immitis. Carlisle CH, et al. **Aust Vet J** 1984 Sep;61(9):282-4

Radio-chemo-immunotherapy (CCNU plus levamisole) for treatment of metastatic brain tumors. A pilot study. Robustelli della Cuna G, et al. **J Neurooncol** 1984; 2(3):237-40

[Effect of oral levamisole doses on the defense of calves against infection] Steinbach G, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):70-84 (Eng. Abstr.) **(Ger)**

[Immunomodulating therapy with indomethacin and levamisole in patients with chronic bronchitis and bronchial asthma] Molotkov VN, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):74-9 (Eng. Abstr.) **(Rus)**

[Complex chemotherapy of pulmonary tuberculosis in adolescents using rifampicin and levamisole] Ganiev KG. **Probl Tuberk** 1985;(1):47-50 (Eng. Abstr.) **(Rus)**

[Levamisole and diucifon immunochemotherapy of chronic destructive pulmonary tuberculosis] Khomenko AG, et al. **Probl Tuberk** 1984 Sep;(9):23-7 (Eng. Abstr.) **(Rus)**

[Effectiveness of treatment of various forms of gonorrhea with doxycycline and its combination with biseptol and levamisole] Alferov VN, et al. **Vestn Dermatol Venerol** 1985 May;(5):71-3 (Eng. Abstr.) **(Rus)**

[Treatment of chronic ulcerative-vegetative pyoderma with ericyclin and levamisole] Bukharovich AM, et al. **Vestn Dermatol Venerol** 1985 May;(5):62-4 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Levamisole-induced hypersensitivity. A report of 2 cases. Liu YC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb; 84(2):261-4

[Side effects in the clinical use of levamisole] Sachanbiński A, et al. **Wiad Lek** 1985 Feb 1;38(3):207-9 **(Pol)**

ANALOGS & DERIVATIVES

Effect of levamisole on bone resorption in cultured mouse calvaria. Lerner U, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):1-14

ANALYSIS

Rapid Extrelut column method for determination of levamisole in milk using high-performance liquid chromatography. Osterdahl BG, et al. **J Chromatogr** 1985 Jan 11;337(1):151-5

In vitro adsorption-desorption of phenethylamines and phenylimidazoles by a bentonite and a resin. Stul MS, et al. **J Pharm Sci** 1984 Oct;73(10):1372-5

ANTAGONISTS & INHIBITORS

Drug-protein interactions. Inhibition of the action of levamisole on human serum albumin in vitro by DL-2-oxo-3-(2-mercaptoethyl)-5-phenyl-imidazolidine. Chicault M, et al. **Arzneimittelforsch** 1984;34(7):821-3

DIAGNOSTIC USE

[Use of the levamisole test in patients with chronic pneumonia] Papko AG, et al. **Lab Delo** 1984;(9):574 **(Rus)**

IMMUNOLOGY

[Effect of levamisole on the formation of agglutinins against salmonellosis in weaned lambs] Bŭrdarov I, et al. **Vet Med Nauki** 1984;21(7-8):113-8 (Eng. Abstr.) **(Bul)**

[Immunomodulating action of levamisole in influenzal infection in mice] Volgarev AP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):88-91 (Eng. Abstr.) **(Rus)**

METABOLISM

The effect of coat length on the bioavailability of levamisole applied topically to cattle. Forsyth BA. **Aust Vet J** 1984 Jul;61(7):241-2

PHARMACODYNAMICS

Chemotactic function of polymorphonuclear leukocytes from patients with recurrent infections: partial correction by levamisole 'in vitro'. Stein AN, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):127-34

Effect of levamisole on lymphocyte blastogenesis and neutrophil function in dexamethasone-treated cattle. Roth JA, et al. **Am J Vet Res** 1984 Sep;45(9):1781-4

Enhanced immune response in 'R' inbred rats by chemical and/or bacterial immunostimulation. II. Stimulation of cell-mediated immune response after administration of Aerodin and Bronhodin associated or not with levamisole. Popescu C, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan-Mar;44(1):55-61

Enhanced immune response in 'R' inbred rats by chemical and/or bacterial immunostimulation. I. Protection induced by Aerodin and Bronhodin associated or not with levamisole against experimental infection with Pseudomonas aeruginosa or grafting HR18 tumoral cells. Popescu C, et al. **Arch Roum Pathol Exp Microbiol** 1985 Jan-Mar;44(1):43-53

Effect of levamisole on cytotoxic T-cell-mediated immune resistance to L1210 murine leukemia in hyperimmune mice. Gomi K, et al. **Cancer Immunol Immunother** 1984; 17(3):195-9

Effect of levamisole on bone resorption in cultured mouse calvaria. Lerner U, et al. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):1-14

Effect of long-term therapy with sulphasalazine, levamisole, corticosteroids and ascorbic acid and of disease activity on polymorphonuclear leukocyte function in patients with ulcerative colitis. Hermanowicz A, et al. **Hepatogastroenterology** 1985 Apr;32(2):81-6

Nonspecific mitogen responses of peripheral lymphocytes in levamisole-treated patients with herpetic stromal keratitis. Sakata H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):813-7

Immuno-stimulatory effect of levamisole in borderline leprosy cases. Arora SK, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):22-6

Influence of levamisole on lymphocytes and M. leprae in mice. Ganguly NK, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):27-36

Immunomodulation with corticosteroids and levamisole in leprosy as gauzed by in vivo lepromin and in vitro CMI responses. Kundu SK, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):37-57

A short term follow up study on non-specific modulation of CMI by levamisole in advanced breast cancer. Saha K, et al. **Indian J Med Res** 1985 May;81:499-507

Inhibitory effect of sera from rheumatoid arthritis patients and enhancing effect of levamisole on total E-rosette levels of lymphoid cells from normal and RA subjects. Quagliata F, et al. **Int J Tissue React** 1984;6(6):445-52

Interactions of levamisole with some autonomic drugs on guinea-pig vas deferens. Gulati OD, et al. **J Auton Pharmacol** 1985 Mar;5(1):19-23

Immune capability of rats with colorectal carcinoma treated by resection with or without 5-fluorouracil or levamisole. House AK, et al. **J Surg Oncol** 1984 Nov;27(3):172-8

Levamisole circumvents inhibition of lymphocyte activation imposed by uremic serum. Modai D, et al. **Nephron** 1985; 40(4):436-9

Effect of levamisole on the response of broilers to coccidiosis vaccination. Giambrone JJ, et al. **Poult Sci** 1985 Jun; 64(6):1083-9

Effect of levamisole and bovine interferon alpha 1 on bovine immune responses and susceptibility to bovine herpesvirus-1. Babiuk LA, et al. **Prog Clin Biol Res** 1984; 161:433-42

Effects of levamisole on immunity in patients with gynecological carcinoma. Tošner J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1982;25(5):525-34

[Effect of levamisole on white mice and on the immunological reactivity of guinea pigs] Bonovska M, et al. **Vet Med Nauki** 1985;22(5):32-6 (Eng. Abstr.) **(Bul)**

[The effect of levamisole on immunologic indicators] Poch T, et al. **Sb Lek** 1984 Jul;86(7):213-20 (Eng. Abstr.) **(Cze)**

[Method of determining the sensitivity of lymphocytes to immunomodulators of the phenylimidazothiazole group] Kazmirchuk VE, et al. **Lab Delo** 1985;(3):169-71 (Eng. Abstr.) **(Rus)**

[Effect of drugs on succinate dehydrogenase activity in a short-life culture of lymphocytes] Kaznacheeva EI, et al. **Lab Delo** 1985;(1):35-7 (Eng. Abstr.) **(Rus)**

[Effect of levamisole on alpha 2-macroglobulin and lysozyme levels in the trachea, peritoneal exudate and serum of mice] Alekseeva NE, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):58-61 (Eng. Abstr.) **(Rus)**

POISONING

Detection of levamisole toxicity by chromatographic technique. Soliman MS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):429-34

THERAPEUTIC USE

Long-term trial of levamisole on ataxia-telangiectasia: effect on the immunological and clinical parameters. Battistella PA, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):290-9

Treatment of idiopathic nephrotic syndrome with levamisole. Niaudet P, et al. **Acta Paediatr Scand** 1984 Sep;73(5):637-41

The fat composition of a mouse diet modifies the effects of levamisol on growth and spread of a murine tumor. Boeryd B, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar;93(2):99-103

Treatment of inoperable non-small cell carcinoma of the lung with radiation therapy, with or without levamisole. A randomized trial of the Southeastern Cancer Study group. Krauss S, et al. **Am J Clin Oncol** 1984 Oct;7(5):405-12

Levamisole, immunostimulation, and the acquired immunodeficiency syndrome [letter] Surapaneni N, et al. **Ann Intern Med** 1985 Jan;102(1):137

A prolonged summer anthelmintic treatment for prevention of growth reduction due to abomasal nematode parasitism in young beef cattle. Pullman AL, et al. **Aust Vet J** 1985 May;62(5):171-2

Levamisole in the treatment of stage II breast cancer. Five-year follow-up of a randomized double-blind study. Klefström P, et al. **Cancer** 1985 Jun 15;55(12):2753-7

Restoration of defective EAG-rosetting capacity of cancer patient neutrophils by levamisole. Patrone F, et al. **Cancer** 1985 Apr 15;55(8):1668-72

Levamisole in postoperative adjuvant immunochemotherapy for gastric cancer. A randomized controlled study of the MMC + Tegafur regimen with or without levamisole. Report I. Niimoto M, et al. **Cancer Immunol Immunother** 1984;18(1):13-8

Balancing effectiveness and toxicity of levamisole in the treatment of rheumatoid arthritis. Runge LA, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):125-31

Double-blind trial of levamisole, penicillamine and azathioprine in rheumatoid arthritis. Clinical, biochemical, radiological and scintigraphic studies. Halberg P, et al. **Dan Med Bull** 1984 Oct;31(5):403-9

Levamisole in cases of E.N.L. Arora SK, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):17-21

Levamisole in the treatment of E.N.L. in leprosy. Dharmendra. **Ind J Lepr** 1985 Jan-Mar;57(1):1-10

A comparative evaluation of levamisole in leprosy. Sharma L, et al. **Ind J Lepr** 1985 Jan-Mar;57(1):11-6

Use of BCG or levamisole as an adjunct to chemotherapy or radiotherapy in malignant lymphomas. Advani SH, et al. **Indian J Med Res** 1985 Mar;81:306-12

Effect of levamisole therapy on lepromin reaction in lepromatous leprosy cases [letter] Arora SK, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):113-4

Effect of levamisole on bacterial index in BL and LL leprosy. Bera DK, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun; 53(2):198-200

Levamisole as adjuvant to chemotherapy for canine lymphosarcoma. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):427-33

Evaluation of effects of levamisole and surgery on canine mammary cancer. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):418-26

Evaluation of effect of levamisole on feline mammary cancer. MacEwen EG, et al. **J Biol Response Mod** 1984 Oct; 3(5):541-6

Serum protein profile of mice during infection with of Ancylostoma caninum and after the administration of tetramisole and levamisole. Bhopale GM, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):455-9

Change in immune response in children suffering from opisthorchosis and attempt at its correction using Levamisol. Kashuba EA, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):345-52

Reevaluation of the effect of levamisole in chronic brucellosis: in vitro and in vivo effect on monocyte phagocytosis. Boura P, et al. **J Immunopharmacol** 1984; 6(3):135-46

Levamisole in the treatment of glioblastoma multiforme. Fischer SP, et al. **J Surg Oncol** 1985 Mar;28(3):214-6

Levamisole is ineffective in the treatment of amyotrophic lateral sclerosis. Olarte MR, et al. **Neurology** 1985 Jul; 35(7):1063-6

Effect of administration of BCG, levamisole and irradiated leukemic cells on immune status and remission status in chronic myelogenous leukemia. Advani SH, et al. **Oncology** 1985;42(5):275-81

The place of chemotherapy associated with active immunotherapy with levamisol in advanced bladder cancer. Giannopoulos A, et al. **Prog Clin Biol Res** 1984;162B:123-4

Field evaluation of a method for the chemoprophylaxis of parasitic bronchitis in calves. Jacobs DE, et al. **Vet Rec** 1985 May 4;116(18):492-6

[Effect of levamisole on the level of antihemagglutinins, serum sialic acid and lysozyme in the aerosol vaccination of chickens against Newcastle disease] Angelov AT, et al. **Vet Med Nauki** 1984;21(10):63-6 (Eng. Abstr.) **(Bul)**

[Long-term effects of a deworming program using flubendazole and levamisole on the percentage of condemned livers in slaughtering pigs] Bakker J. **Tijdschr Diergeneeskd** 1984 Oct 15;109(20):815-9 (Eng. Abstr.) **(Dut)**

[Treatment with levamisole in a case of deficiency of the neutrophil granulocyte function associated with an increase in plasma IgA and recurrent dermal abscess infections] Pigatto PD, et al. **Boll Ist Sieroter Milan** 1982;61(5):437-40 (Eng. Abstr.) **(Ita)**

[Decaris in the treatment of multiple sclerosis] Hoppe B, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):229-34 (Eng. Abstr.) **(Pol)**

[Effect of levamisole on peripheral blood neutrophils in patients with neoplasms] Hrycek A, et al. **Pol Tyg Lek** 1984 May 21;39(21):705-7 (Eng. Abstr.) **(Pol)**

[State of cellular and humoral immunity in recurrent and chronic bronchopulmonary diseases in children before and after immunostimulation with levamisole] Błaszczyk E, et al. **Wiad Lek** 1985 Apr 1;38(7):495-9 (Eng. Abstr.) **(Pol)**

[Effectiveness of selected preparations in the control of syngamiasis, capillariasis and heterakidosis in pheasants] Mazurkiewicz M, et al. **Wiad Parazytol** 1984;30(3):369-73 (Eng. Abstr.) **(Pol)**

[Suppression of adjuvant arthritis with levamisole and prodigiozan] Sibiriak SV, et al. **Farmakol Toksikol** 1984

Nov-Dec;47(6):84-7 (Eng. Abstr.) **(Rus)**

[Levamisole in the treatment of hypoplastic anemia] Beznosikova TP, et al. **Gematol Transfuziol** 1984 Dec; 29(12):6-8 (Eng. Abstr.) **(Rus)**

[New methods of immunocorrective therapy of various diseases of the internal organs] Miterev IuG. **Klin Med (Mosk)** 1984 Jul;62(7):3-10 **(Rus)**

[Dekaris in chronic nonspecific lung diseases] Paleev NR, et al. **Sov Med** 1984;(7):106-9 **(Rus)**

[Cellular immunity in odontogenic inflammatory processes and its correction with biologically active preparations] Robustova TG, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec; 63(6):62-3 (Eng. Abstr.) **(Rus)**

[Effect of levamisole on cellular immunity indices in chronic bronchitis and chronic pneumonia patients] Borisova AM, et al. **Ter Arkh** 1984;56(10):29-31 (Eng. Abstr.) **(Rus)**

[Use of levamisole in the complex treatment of pyoderma] Gasardzhian RN, et al. **Voen Med Zh** 1984 Aug;(8):56-7 **(Rus)**

[Immunomodulating action of levamisole in its combined use with influenza vaccines] Obrosova-Serova NP, et al. **Vopr Virusol** 1984 Jul-Aug;29(4):454-9 (Eng. Abstr.) **(Rus)**

[Effectiveness of using levamisole in workers sensitized to hexavalent chromium] Budanova LF, et al. **Vrach Delo** 1984 Oct;(10):104-8 (Eng. Abstr.) **(Rus)**

[Prediction of the effectiveness of levamisole immunotherapy by the sensitivity of blood lymphocytes to the drug] Giulling EV, et al. **Vrach Delo** 1984 Nov;(11):38-42 (Eng. Abstr.) **(Rus)**

[Levamisole correction of immunologic disorders in patients with lymphocytic leukemia] Kozak VP. **Vrach Delo** 1985 May;(5):74-7 (Eng. Abstr.) **(Rus)**

[Effect of levamisole and sodium nucleinate on immunologic indicators in patients with liver cirrhosis] Lukash NV, et al. **Vrach Delo** 1985 Jan;(1):28-30 **(Rus)**

[Use of levamisole for preventing and treating infectious complications in acute leukemia patients] Stakovetskaia ZS, et al. **Vrach Delo** 1984 Aug;(8):54-6 (Eng. Abstr.) **(Rus)**

[Comparative analysis of the use of levamisole and pyrogenal in the treatment of multiple sclerosis] Mukhtarova AA. **Zh Nevropatol Psikhiatr** 1985;85(3):366-7 (Eng. Abstr.) **(Rus)**

[Recent investigations in the chemotherapy of onchocerciasis] Dominguez Vázquez A, et al. **Salud Publica Mex** 1985 Jan-Feb;27(1):21-30 (Eng. Abstr.) **(Spa)**

LEVARTERENOL see **NOREPINEPHRINE**

LEVOAMPHETAMINE see **AMPHETAMINE**

LEVOCARDIA see under **HEART DEFECTS, CONGENITAL**

LEVODOPA

ADMINISTRATION & DOSAGE

'Drug holidays' in the treatment of Parkinson's disease. A brief review. Friedman JH. **Arch Intern Med** 1985 May; 145(5):913-5 (24 ref.)

Oral load of tyrosine or L-dopa and plasma levels of free and sulfoconjugated catecholamines in healthy men. Cuche JL, et al. **Hypertension** 1985 Jan-Feb;7(1):81-9

Reappraisal of temporary levodopa withdrawal ('drug holiday') in Parkinson's disease. Mayeux R, et al. **N Engl J Med** 1985 Sep 19;313(12):724-8

Response variations in the treatment of Parkinson's disease. de Jong GJ, et al. **Neurology** 1984 Nov;34(11):1507-9

Low dosages of bromocriptine added to levodopa in Parkinson's disease. Hoehn MM, et al. **Neurology** 1985 Feb; 35(2):199-206

Clinicopharmacological study of long-term Jumex + Dopaflex combination treatment in Parkinson's syndrome. Antóny M, et al. **Ther Hung** 1982;30(4):168-71

[Clinical significance of long-term treatment of L-dopa with bromocriptine in parkinsonian patients who showed declining efficacy during L-dopa therapy] Indo T. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):297-306 **(Jpn)**

ADVERSE EFFECTS

Adverse clinical and hemodynamic effects of oral levodopa in chronic congestive heart failure. Shah PK, et al. **Am Heart J** 1985 Aug;110(2):488-9

Development of malignant melanoma after levodopa therapy for Parkinson's disease. Report of a case and review of the literature. Kochar AS. **Am J Med** 1985 Jul;79(1):119-21

Problems of levodopa treatment. Horstink MW. **Clin Neurol Neurosurg** 1984;86(3):196-206

Levodopa during pregnancy. Cook DG, et al. **Clin Neuropharmacol** 1985;8(1):93-5

Levodopa-induced dyskinesia: clinical observations. Friedman A. **J Neurol** 1985;232(1):29-31

Levodopa and melanoma: three cases and review of literature. Rampen FH. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):585-8

L-dopa-induced respiratory disturbance in Parkinson's disease suppressed by tiapride. De Keyser J, et al. **Neurology** 1985 Feb;35(2):235-7

Pathophysiology of L-dopa-induced abnormal involuntary movements. Agid Y, et al. **Psychopharmacology [Suppl]** 1985;2:145-59

Clinical activity of GABA agonists in neuroleptic- and L-dopa-induced dyskinesia. Morselli PL, et al. **Psychopharmacology [Suppl]** 1985;2:128-36

[Tiapride in persistent dyskinesias following long-term L-dopa for parkinsonism] Arlazoroff A, et al. **Harefuah** 1985 Mar 1;108(5):227-9 (Eng. Abstr.) **(Heb)**

[Onset-and end-of-dose dyskinesias induced by L-dopa treatment in a patient with juvenile parkinsonism] Katsuki T, et al. **No To Shinkei** 1984 Dec;36(12):1201-5 (Eng. Abstr.) **(Jpn)**

[Complications of long-term levodopa therapy in Parkinson's disease] Kostić V, et al. **Srp Arh Celok Lek** 1984 Sep; 112(9):975-84 (Eng. Abstr.) **(Scc)**

[Secondary effects of prolonged levodopa therapy in Parkinson's disease] Peiró Grasa A, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):88-91 (Eng. Abstr.) **(Spa)**

ANALOGS & DERIVATIVES

Inhibition of ribonucleotide reductase by antitumor agents related to levodopa and dopamine. FitzGerald GB, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):353-60

Modulation of peroxidation in murine melanoma by dietary tyrosine-phenylalanine restriction, levodopa methylester chemotherapy, and sodium ascorbate supplementation. Pierson HF, et al. **JNCI** 1985 Sep;75(3):507-16

ANALYSIS

Determination of urinary and plasma dihydroxyphenylalanine by coupled-column high-performance liquid chromatography with C8 and C18 stationary phases. Benedict CR, et al. **J Chromatogr** 1984 Dec 28;317:27-34

BLOOD

Domperidone and levodopa in Parkinson's disease. Shindler JS, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):959-62

Simultaneous determination of L-dopa and 3-O-methyldopa in human serum by high-performance liquid chromatography. Beers MF, et al. **J Chromatogr** 1984 Dec 12;336(2):380-4

Fluctuating levodopa concentrations and Parkinson's disease [letter] Juncos J, et al. **Lancet** 1985 Aug 24;2(8452):440

CHEMICAL SYNTHESIS

Aromatic radiofluorination with [18F]fluorine gas: 6-[18F]fluoro-L-dopa. Firnau G, et al. **J Nucl Med** 1984 Nov;25(11):1228-33

DIAGNOSTIC USE

Plasma growth hormone response to oral l-dopa in infantile autism. Deutsch SI, et al. **J Autism Dev Disord** 1985 Jun; 15(2):205-12

[Value of the test with Nakom for assessing the state of the sympathoadrenal system in patients with different forms of progressive muscular dystrophy] Badalian LO, et al. **Lab Delo** 1984;(11):649-52 (Eng. Abstr.) **(Rus)**

METABOLISM

Enzymatic 5-hydroxylation of L-dopa by a tyrosinase isolated from the sea anemone Metridium senile. Carlberg M, et al. **Gen Pharmacol** 1984;15(4):301-7

Proximal tubule dopamine histofluorescence in renal slices incubated with L-dopa. Hagege J, et al. **Kidney Int** 1985 Jan;27(1):3-8

Altered pharmacokinetics of L-dopa metabolism [letter] Melamed E, et al. **Neurology** 1985 Jun;35(6):939-41

Suppression of L-dopa-induced circling in rats with nigral lesions by blockade of central dopa-decarboxylase: implications for mechanism of action of L-dopa in parkinsonism. Melamed E, et al. **Neurology** 1984 Dec; 34(12):1566-70

Pharmacologic effects of L-dopa are not closely linked temporally to striatal dopamine concentration. Spencer SE, et al. **Neurology** 1984 Dec;34(12):1609-11

A pre-positron emission tomography study of L-3,4-dihydroxy-[3H]phenylalanine distribution in the rat. Liskowsky DR, et al. **Neurosci Lett** 1985 Jan 21;53(2):161-7

Decarboxylation of L-dopa and 5-hydroxytryptophan in dispersed rat pancreas acinar cells. Yu EW, et al. **Pharmacology** 1984;29(4):185-92

[Comparison of the biological availability of levodopa in the preparations Dopaflex and Nakom in patients with parkinson disease] Terziivanov D, et al. **Cesk Farm** 1984 Feb;33(1):20-3 (Eng. Abstr.) **(Cze)**

[Serum L-DOPA oxidase activity in patients with malignant cutaneous melanoma] Lukács L, et al. **Orv Hetil** 1984 Oct 7;125(41):2483-6 (Eng. Abstr.) **(Hun)**

PHARMACODYNAMICS

Evaluating prolactin response to dopamine agonists in schizophrenia. Methodological problems. Davis BM, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):259-64

Deterioration of axonal membranes induced by phenolic pro-oxidants. Roles of superoxide radicals and hydrogen peroxide. Davison AJ, et al. **Biochem Pharmacol** 1984 Dec 1,33(23):3887-91

Effect of L-DOPA on glucose oxidation and incorporation into glycogen in discrete brain regions of the rat. Barash V, et al. **Brain Res** 1985 Jun 3;335(2):347-9

Inhibitory effect of cimetidine on L-dopa-stimulated growth hormone release in normal man. Zanoboni A, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):535-40

Dopamine receptors: effects of chronic L-dopa and bromocriptine treatment in an animal model of Parkinson's disease. Schneider MB, et al. **Clin Neuropharmacol** 1984; 7(3):247-57

Influence of L-DOPA/carbidopa on pattern reversal VEP: behavioural difference in primary and secondary parkinsonism. Sollazzo D. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):236-42

L-dopa-induced locomotor-like activity in ankle flexor and extensor nerves of chronic and acute spinal cats. Baker LL, et al. **Exp Neurol** 1984 Dec;86(3):515-26

The effects of dopamine agonists on human cardiovascular and sympathetic nervous systems. Ziegler MG, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr;23(4):175-9

Effect of L-dihydroxyphenylalanine (L-dopa) and methionine on tissue S-adenosylmethionine concentrations in cobalamin-inactivated fruit bats. Gibson J, et al. **Int J Vitam Nutr Res** 1984;54(4):329-32

Salivary secretion induced by L-DOPA in haloperidol-treated rats. Pazo JH, et al. **J Auton Nerv Syst** 1984 Sep;11(2):173-9

Failure of nomifensine to reduce serum prolactin levels in patients with hepatic encephalopathy. Masala A, et al. **J Endocrinol Invest** 1985 Feb;8(1):25-9

Effects of L-DOPA on the concentrations of free and sulfoconjugated catecholamines in plasma, cerebrospinal fluid, urine, and central and peripheral nervous system tissues of the rat. Buu NT, et al. **J Neurochem** 1985 Mar; 44(3):787-92

Influence of dopamine, levodopa and apomorphine on maximal electroconvulsive seizure in the domestic fowl (Gallus domesticus). Wambebe C, et al. **Jpn J Pharmacol** 1984 Aug;35(4):339-46

A method for very rapid determinations of catechols using ion-pairing reverse phase HPLC with electrochemical detection: effects of L-dopa treatment on the catechol content in various rat brain structures. Ehrenström F, et al. **Life Sci** 1985 Mar 4;36(9):867-79

Oxotremorine-induced cholinergic syndrome: modifications by levodopa and/or oral cytidine diphosphocholine. Saligaut C, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):5-8

Effects of L-dopa-induced dopamine accumulation on 45Ca2+ efflux and insulin secretion in isolated rat islets. Ahrén B, et al. **Pharmacology** 1985;30(2):71-82

Effect of l-dopa or bromocriptine on feeding and motor behavior of rats with lesions in the globus pallidus. Palfai T, et al. **Physiol Behav** 1984 Aug;33(2):283-9

L-dopa and apomorphine disrupt long- but not short-behavioural chains. Schmidt WJ. **Physiol Behav** 1984 Nov;33(5):671-80

Effect of propiomazine on plasma prolactin in the rat: counteraction by L-dopa. Fayez M, et al. **Proc Soc Exp Biol Med** 1985 Apr;178(4):606-9

[Changes in the energy resources of rat gastric mucosa exposed to dopamine agonists and antagonists in conditions of experimental stress] Groisman SD, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):286-8 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Regional cerebral blood flow in hemiparkinsonian patients. Emission computerized tomography of inhaled 133Xenon before and after levodopa. Henriksen L, et al. **Acta Neurol Scand** 1985 Apr;71(4):257-66

Result of chronic levodopa therapy and its modification by bromocriptine in Parkinson's disease. Hoehn MM. **Acta Neurol Scand** 1985 Feb;71(2):97-106

Autonomic cardiovascular responses in parkinsonism: effect of levodopa with dopa-decarboxylase inhibition. Sachs C, et al. **Acta Neurol Scand** 1985 Jan;71(1):37-42

The effects of L-DOPA on regional cerebral blood flow and oxygen metabolism in patients with Parkinson's disease. Leenders KL, et al. **Brain** 1985 Mar;108 (Pt 1):171-91

The formation of 3-hydroxy-4-methoxyphenylalanine and 3-hydroxy-4-methoxyphenethylamine in plasma during L-DOPA therapy in patients with Parkinson's disease. Ishimitsu T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3320-2

Indications for surgical treatment of Parkinson's disease after levodopa therapy. van Manen J, et al. **Clin Neurol Neurosurg** 1984;86(3):207-18

Therapy of neurologic disorders in the elderly. Mancall EL, et al. **Hosp Pract [Off]** 1984 Oct;19(10):106E, 106I, 106L passim

Central opioid activity in polycystic ovary syndrome with and without dopaminergic modulation. Barnes RB, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):779-82

Growth enhancement by dopaminergic therapy in children with intrauterine growth retardation. Huseman CA. **J Clin Endocrinol Metab** 1985 Sep;61(3):514-9

Major depression and carbon monoxide-induced parkinsonism: diagnosis, computerized axial tomography, and response to L-dopa. Jaeckle RS, et al. **J Nerv Ment Dis** 1985 Aug;173(8):503-8

Pergolide therapy in Parkinson's disease. Jeanty P, et al.

J Neurol 1984;231(3):148–52

Dopamine metabolism in the central nervous system after discontinuation of L-dopa therapy in patients with Parkinson disease. Ogasahara S, et al. **J Neurol Sci** 1984 Nov–Dec;66(2–3):151–63

Active and inactive L-prolyl-L-leucyl glycinamide synthetic analogs in rat models of levodopa-treated Parkinson's disease. Case TC, et al. **Life Sci** 1985 Jul 1;36(26):2531–7

Problems in the contemporary treatment of parkinsonism. Eadie MJ. **Med J Aust** 1985 Jan 21;142(2):113–7

Unsuccessful treatment of severe pain from bone metastasis with Sinemet 25/100 [letter] Sjølin SU, et al. **N Engl J Med** 1983 Mar 7;312(10):650–1

Reversal of sleep disturbance in Parkinson's disease by antiparkinsonian therapy: a preliminary study. Askenasy JJ, et al. **Neurology** 1985 Apr;35(4):527–32

Hyperthermia after discontinuance of levodopa and bromocriptine therapy: impaired dopamine receptors a possible cause. Figà-Talamanca L, et al. **Neurology** 1985 Feb;35(2):258–61

Motor function in the normal aging population: treatment with levodopa. Newman RP, et al. **Neurology** 1985 Apr; 35(4):571–3

Monoamine oxidase inhibitors and Sinemet in Shy Drager syndrome [letter] Rae-Grant A, et al. **Neurology** 1985 Jul; 35(7):1085–6

Combined bromocriptine-levodopa therapy early in Parkinson's disease. Rinne UK. **Neurology** 1985 Aug; 35(8):1196–8

Treatment of non-fluctuating progressive dystonia: a neuropharmacological approach. Willemse J, et al. **Neuropediatrics** 1984 Oct;15(4):208–10

[A model of Parkinson's disease: effect of L-dopa therapy on movement parameters and electromyographic activity in monkeys treated with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)] Doudet D, et al. **C R Soc Biol (Paris)** 1985;179(1):85–97 (Eng. Abstr.) **(Fre)**

[Early or late dopa therapy in Parkinson's disease (letter)] Petit H. **Presse Med** 1984 Oct 13;13(36):2213 **(Fre)**

[New methods in the therapy of chronic heart failure. Is the positive inotropic action of L-dopa currently useful?] Sievert H, et al. **Fortschr Med** 1984 Jul 26;102(27–28):16–8 **(Ger)**

[L-dopa therapy of parkinson syndrome] Kapfhammer HP, et al. **Nervenarzt** 1985 Feb;56(2):57–68 **(Ger)**

[Parkinson's disease and neurotransmitters] Narabayashi H. **Nippon Rinsho** 1984 Apr;42(4):869–74 **(Jpn)**

[Effect of levopa on energy metabolism of the gastric mucosa during the treatment of stomach ulcer] Zavodskaia IS, et al. **Vrach Delo** 1985 Feb;(2):26–30 (Eng. Abstr.) **(Rus)**

[Combined (surgical and drug) therapy of parkinsonism] Kandel' EI, et al. **Zh Nevropatol Psikhiatr** 1984; 84(8):1157–61 (Eng. Abstr.) **(Rus)**

[Trans-cerebral electrophoresis of L-DOPA in the complex treatment of parkinsonism] Neimark EZ, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1334–8 (Eng. Abstr.) **(Rus)**

LEVOMEPRAZIN see **METHOTRIMEPRAZINE**

LEVOMEPROMAZINE see **METHOTRIMEPRAZINE**

LEVOMYCETIN see **CHLORAMPHENICOL**

LEVONOREPINEPHRINE see **NOREPINEPHRINE**

LEVOPROPOXYPHENE see **PROPOXYPHENE**

LEVORPHAN see **LEVORPHANOL**

LEVORPHANOL

ANALOGS & DERIVATIVES

Determination of dextromethorphan and metabolites in human plasma and urine by high-performance liquid chromatography with fluorescence detection. East T, et al. **J Chromatogr** 1985 Feb 27;338(1):99–112

Effects of the antitussive fominoben (PB89) on hypoxia in chronic obstructive lung disease: comparison with dextromethorphan using a double-blind method. Sasaki T, et al. **J Int Med Res** 1985;13(2):96–101

Determination of dextromethorphan in biological fluids by liquid chromatography by using semi-microbore columns. Achari RG, et al. **J Pharm Sci** 1984 Dec;73(12):1821–2

Quantitation of acetaminophen, chlorpheniramine maleate, dextromethorphan hydrobromide, and phenylpropanolamine hydrochloride in combination using high-performance liquid chromatography. Das Gupta V, et al. **J Pharm Sci** 1984 Nov;73(11):1553–6

Evaluation of high-performance liquid chromatography and gas chromatography for quantitation of dextromethorphan hydrobromide in cough-cold syrup preparations. Gibbs V, et al. **J Pharm Sci** 1984 Sep;73(9):1248–51

Methoxyphenamine and dextromethorphan as safe probes for debrisoquine hydroxylation polymorphism [letter] Roy SD, et al. **Lancet** 1984 Dec 15;2(8416):1393

Nyquil and acute hepatic necrosis [letter] Fleckenstein JL. **N Engl J Med** 1985 Jul 4;313(1):48

BLOOD

Quantitation of levorphanol in plasma using high-performance liquid chromatography with electrochemical detection. Lucek R, et al. **J Chromatogr** 1985 May 31;341(1):239–43

PHARMACODYNAMICS

Differential effects of dextrorphan and levorphanol on the excitation of rat spinal neurons by amino acids. Church J, et al. **Eur J Pharmacol** 1985 May 8;111(2):185–90

Ingestive behaviour of the pigeon: stereoselective influence of the opiate agonist levorphanol and its antagonism by naloxone. Deviche P, et al. **Psychopharmacology (Berlin)** 1984;83(4):357–62

LEVOTETRAMISOLE see **LEVAMISOLE**

LEVOTHYROXINE see **THYROXINE**

LEVULINIC ACIDS

BIOSYNTHESIS

Enzymatic conversion of glutamate to delta-aminolevulinate in soluble extracts of the unicellular green alga, Chlorella vulgaris. Weinstein JD, et al. **Arch Biochem Biophys** 1985 Mar;237(2):454–64

BLOOD

[Relative value of various screening tests for lead poisoning according to the degree of exposure to lead] Labrèche FP, et al. **Rev Epidemiol Sante Publique** 1984;32(5):322–9 **(Fre)**

METABOLISM

RNA is required for enzymatic conversion of glutamate to delta-aminolevulinate by extracts of Chlorella vulgaris. Weinstein JD, et al. **Arch Biochem Biophys** 1985 May 15; 239(1):87–93

Conversion of 5-aminolaevulinate into haem by homogenates of human liver. Comparison with rat and chick-embryo liver homogenates. Bonkovsky HL, et al. **Biochem J** 1985 May 1;227(3):893–901

Stimulation of 5-aminolevulinic acid metabolism by uroporphyrinogen I in rat liver homogenate. Shivji A, et al. **Clin Biochem** 1985 Apr;18(2):88–91

[Binding of delta-aminolevulinic acid by myelin proteins] Muzyka VI, et al. **Biokhimiia** 1984 Oct;49(10):1647–9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effect of delta-aminolaevulinic acid on the high affinity uptake of aspartic acid by rat brain synaptosomes. McLoughlin JL, et al. **Gen Pharmacol** 1984;15(6):553–5

Neuropharmacology of delta-aminolaevulinic acid. II. Effect of chronic administration in mice. Edwards S, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):169–73

URINE

Blood lead, urinary delta aminolevulinic acid and the diagnosis of lead poisoning in dogs. Canfield PJ, et al. **Aust Vet J** 1984 Oct;61(10):323–4

[Adjustment of urinary delta-aminolevulinic acid concentrations in workers exposed to lead and heat. Adjustments of specific gravity to 1.020 and urinary volume coefficients] Hirano H, et al. **Sangyo Igaku** 1984 May;26(3):205–11 (Eng. Abstr.) **(Jpn)**

[Porphyrins and their precursors in the urine of patients with suspected porphyria; a 16-year experience] Zawirska B, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):97–100 (Eng. Abstr.) **(Pol)**

LEVULOSE see **FRUCTOSE**

LEWIS BLOOD-GROUP SYSTEM

Lea blood group antigen on human platelets. Dunstan RA, et al. **Am J Clin Pathol** 1985 Jan;83(1):90–4

Clinical significance of the Lewis red blood cell system to transfusion practice in Thailand. Chandanayingyong D, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):63–6

Distribution of blood group antigens A, B, H, Lewisa, and Lewisb in human normal, fetal, and malignant colonic tissue. Yuan M, et al. **Cancer Res** 1985 Sep;45(9):4499–511

ABO and Lewis typing of semen, saliva and other body fluids. Pereira M. **Haematologia (Budap)** 1984;17(2):317–22

Sialylated Lewis antigen detected in the sera of cancer patients [letter] Iguro T, et al. **Lancet** 1984 Oct 6; 2(8406):817–8

Blood groups, sex, and frequency of colorectal carcinoma [letter] Mousseron-Canet MM. **Lancet** 1984 Oct 20; 2(8408):926–7

The potentiation of 'incomplete' mouse monoclonal anti-Lea agglutination with colloids. Inglis G, et al. **Transfusion** 1985 Jul–Aug;25(4):355–9

[Lewis-negative blood group. Definite frequency, probable prognostic value in adult psychiatry] Pascalis G, et al. **Encephale** 1985 May–Jun;11(3):117–9 (Eng. Abstr.) **(Fre)**

[A convenient synthon for the synthesis of the determinant oligosaccharides Le and ABH (type 1)] Bovin NV, et al. **Bioorg Khim** 1985 Jun;11(6):826–9 (Eng. Abstr.) **(Rus)**

[Synthesis of determinant oligosaccharides of the ABH (type 1) blood group antigen and Leb tetrasaccharide from a common precursor] Bovin NV, et al. **Bioorg Khim** 1984 Jun;10(6):853–60 (Eng. Abstr.) **(Rus)**

[Conformation analysis of oligosaccharide determinants of group substances with Le specificity] Verovskii VE, et al. **Bioorg Khim** 1984 Dec;10(12):1680–7 (Eng. Abstr.) **(Rus)**

ANALYSIS

Sialosylated Lewisx in the sera of cancer patients detected by a cell-binding inhibition assay. Hirota M, et al. **Cancer Res** 1985 Apr;45(4):1901–5

GENETICS

Association of renal failure with Lewis incompatibility after allogeneic bone marrow transplantation. Blajchman MA, et al. **Am J Med** 1985 Jul;79(1):143–6

Genetic marker association in schizophrenia: ABO, MN, Rhesus and Lewis blood groups. Saha N, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):110–2

A capillary tube method for the Lewis typing of red blood cells. Mudd JL. **J Forensic Sci** 1983 Jan;28(1):231–4

IMMUNOLOGY

Cytotoxicity of a non-HLA serum towards lymphocytes from blood group B, Lewis negative and ABH secretor individuals. Mittal KK, et al. **Acta Anthropogenet** 1983; 7(3):249–56

Evidence of an antigen common to human intestine, endocervix and mucinous ovarian cysts present exclusively in ALeb patients. Bara J, et al. **Bull Cancer (Paris)** 1985; 72(2):104–7

Use of monoclonal antibodies to sialylated Lewisx and sialylated Lewisa for serological tests of cancer. Chia D, et al. **Cancer Res** 1985 Jan;45(1):435–7

Lea-active heptaglycosylceramide, a hybrid of type 1 and type 2 chain, and the pattern of glycolipids with Lea, Leb, X (Lex), and Y (Ley) determinants in human blood cell membranes (ghosts). Evidence that type 2 chain can elongate repetitively but type 1 chain cannot. Kannagi R, et al. **J Biol Chem** 1985 May 25;260(10):6410–5

Immunohistochemical demonstration and localization of Lewis a and Lewis b determinants in human urothelium. Juhl BR. **J Histochem Cytochem** 1985 Apr;33(4):309–14

Semiquantitative immunohistochemical evaluation of H-antigen expression in human ureters of different ABO- and Lewis types. Juhl BR. **J Histochem Cytochem** 1985 Sep;33(9):867–74

Immunohistologic pattern of type 1 (Lea, Leb) and type 2 (X, Y, H) blood group-related antigens in the human pyloric and duodenal mucosae. Mollicone R, et al. **Lab Invest** 1985 Aug;53(2):219–27

Monoclonal antibody (EGR/G49) reactive with the epidermal growth factor receptor of A431 cells recognizes the blood group ALeb and ALey structures. Gooi HC, et al. **Mol Immunol** 1985 Jun;22(6):689–93

Characterization of Lewis antigens in normal colon and gastrointestinal adenocarcinomas. Blaszczyk M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3552–6

Lewis blood type frequency in patients with primary Sjögren's syndrome. A prospective study including analyses for A1A2BO, Secretor, MNSs, P, Duffy, Kell, Lutheran and rhesus blood groups. Manthorpe R, et al. **Scand J Rheumatol** 1985;14(2):159–62

Preparation of anti-Lea and anti-Rh0 (D) sera by immunization with blood group substance trapped in autologous red cell ghost. Yokoi T, et al. **Tohoku J Exp Med** 1984 Nov;144(3):321–5

Detection of combined ABH and Lewis glycosphingolipids in sera of H-deficient donors. Bernoco M, et al. **Vox Sang** 1985;49(1):58–66

Evidence for sialylated type 1 blood group chains on human erythrocyte membranes revealed by agglutination of neuraminidase-treated erythrocytes with Waldenström's macroglobulin IgMWOO and hybridoma antibody FC 10.2 Picard JK, et al. **Vox Sang** 1985;48(1):26–33

Detection of IgG anti-Lewis (a) antibodies in cord sera by kinetic Elisa. Spitalnik S, et al. **Vox Sang** 1985;48(4):235-

[Tumor-associated markers as organ-specific antigens o human seminal plasma. 1. Immunologic studies] Höller U et al. **Z Hautkr** 1985 Jan;60(1–2):147–56 (Eng. Abstr.) **(Ge**

LEWIS SYSTEM see **LEWIS BLOOD-GROUP SYSTE**

LEYDIG CELL TUMOR

ANALYSIS

Characterization of a feminizing testicular Leydig cell tum by hormonal profile, immunocytochemistry, and tis culture. Czernobilsky H, et al. **Cancer** 1985 Oct 56(7):1667–76

Multiple estrogen binding sites in malignant mouse Ley cells and their role in cell proliferation. Sato B, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):199–205

BLOOD

Hormonal profile of Leydig cell tumors with gynecoma

Bercovici JP, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):625-30

COMPLICATIONS

Hilus cell tumour of the ovary with an associated endometrial carcinoma, presenting with male pattern baldness and postmenopausal bleeding. Case report. Ross LD **Br J Obstet Gynaecol** 1984 Dec;91(12):1266-8
EGF receptor antiserum inhibits bone resorbing activity produced by a rat Leydig cell tumor associated with the humoral hypercalcemia of malignancy. Ibbotson KJ, et al. **Endocrinology** 1985 Jan;116(1):469-71
[Precocious pseudopuberty caused by a Leydig cell neoplasm] Marcelli M, et al. **Recenti Prog Med** 1985 Mar;76(3):139-42 (Eng. Abstr.) (Ita)

DIAGNOSIS

[Leydig cell tumors in adults. Value of ultrasonic diagnosis. Apropos of 7 tumors] Marcon-Dupuch K, et al. **J Radiol** 1985 Feb;66(2):91-7 (Eng. Abstr.) (Fre)
[Leydig cell tumor with pronounced virilization] Lotze W, et al. **Zentralbl Gynakol** 1985;107(10):647-50 (Eng. Abstr.) (Ger)

ENZYMOLOGY

Demonstration of hydroxysteroid dehydrogenases and testosterone in the Sertoli-Leydig cell tumor (androblastoma) tissue of the human ovary: an enzyme histochemical and immunohistochemical study. Harder SG, et al. **Acta Anat (Basel)** 1985;121(3):170-3
Phorbol ester causes desensitization of gonadotropin-responsive adenylate cyclase in a murine Leydig tumor cell line. Rebois RV, et al. **J Biol Chem** 1985 Jul 5;260(13):8026-31
A transplantable rat Leydig cell tumor—2. Adenylyl cyclase activation by prostaglandin E1, isoproterenol and glucagon. Erichsen A, et al. **J Steroid Biochem** 1984 Nov;21(5):545-8

METABOLISM

A transplantable rat Leydig cell tumor: binding properties, hormonal responsiveness, and tumor growth. Erichsen A, et al. **Ann NY Acad Sci** 1984;438:655-8
AFP-producing Sertoli-Leydig cell tumor of the ovary. Sekiya S, et al. **Arch Gynecol** 1985;236(3):187-96
Hormonal induction of specific protein synthesis in murine Leydig tumor cells. Melner MH, et al. **Biochem Int** 1985 May;10(5):763-70
Inhibition of Leydig tumor cell steroidogenesis by 10-propargylestr-4-ene-3,17-dione, an irreversible aromatase inhibitor. Zimniski SJ, et al. **Cancer Res** 1985 Oct;45(10):4883-9
Induction of an estrogen-dependent early steroidogenic lesion in murine Leydig tumor cells. Zimniski SJ, et al. **Endocrinology** 1985 Jun;116(6):2583-91
Sertoli-Leydig cell tumor of the ovary producing alpha-fetoprotein. Chumas JC, et al. **Int J Gynecol Pathol** 1984;3(2):213-9
A factor produced by cultured rat Leydig tumor (Rice 500) cells associated with humoral hypercalcemia stimulates adenosine 3',5'-monophosphate production via the parathyroid hormone receptor in human skin fibroblasts. Silve C, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1144-7
Lutropin stimulates de novo synthesis of short-lived proteins required for lutropin-dependent steroid production in tumour Leydig cells. Bakker GH, et al. **J Steroid Biochem** 1985 Mar;22(3):311-4
A transplantable rat Leydig cell tumor—1. LH and prolactin receptors and effects of the endocrine status of the host animal. Erichsen A, et al. **J Steroid Biochem** 1984 Nov;21(5):539-43
Are polyphosphorylated phospholipids involved in the hormonal control of cholesterol side-chain cleavage activity in tumour Leydig cells? Terpstra P, et al. **J Steroid Biochem** 1985 Jun;22(6):773-80

PATHOLOGY

Leydig cell tumors of the testis. A clinicopathological analysis of 40 cases and review of the literature. Kim I, et al. **Am J Surg Pathol** 1985 Mar;9(3):177-92
A testicular tumor resembling the sex cord with annular tubules in a case of the androgen insensitivity syndrome. Ramaswamy G, et al. **Cancer** 1985 Apr 1;55(7):1607-11
Retiform differentiation in ovarian Sertoli-Leydig cell tumors. A clinicopathologic study of six cases from a Gynecologic Oncology Group study. Roth LM, et al. **Cancer** 1985 Mar 1;55(5):1093-8
Leydig cell tumour in a case of bilateral cryptorchidism. Jain GM, et al. **Indian J Cancer** 1984 Jul-Aug;21(3):106-9
Sertoli-Leydig cell tumor of the ovary [letter] Talerman A, et al. **Int J Gynecol Pathol** 1985;4(2):171-2
Well-differentiated ovarian Sertoli-Leydig cell tumors: a clinicopathological analysis of 23 cases. Young RH, et al. **Int J Gynecol Pathol** 1984;3(3):277-90
Malignant feminizing Leydig cell tumor. Shapiro CM, et al. **J Surg Oncol** 1984 Oct;27(2):73-5
Leydig cell tumour—a malignant tumour? Dahl C, et al. **Scand J Urol Nephrol** 1984;18(4):337-40

PHYSIOPATHOLOGY

Area postrema mediates tumor effects on food intake, body weight, and learned aversions. Bernstein IL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R296-300

SECRETION

Elevated secretion of androstenedione in a patient with a Leydig cell tumour. Boulanger P, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):106-9
Estrogen induces secretary proteins in transformed mouse Leydig cell in vivo, but not in vitro. Sato B, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):277-82

SURGERY

Malignant Leydig-cell tumour of testis. Cervenakov I, et al. **Int Urol Nephrol** 1984;16(3):227-32

LEYDIG CELLS

ANALYSIS

Changes of oestrogen receptor levels in Leydig cells from mice and rats during culture. Berns EM, et al. **J Steroid Biochem** 1985 Mar;22(3):295-8
Estrogen-dependent Leydig cell protein recognized by monoclonal antibody to MCF-7 cell line. Ciocca DR, et al. **Science** 1984 Oct 26;226(4673):445-6

CYTOLOGY

Studies on Leydig cell purification. Aquilano DR, et al. **Ann NY Acad Sci** 1984;438:237-58
Rat testicular endogenous steroids and number of Leydig cells between the fetal period and sexual maturity. Tapanainen J, et al. **Biol Reprod** 1984 Dec;31(5):1027-35
Evidence for the relationship of the pineal activity with the neonatal shrinkage of Leydig cells in the rat. Arimura K, et al. **Experientia** 1984 Oct 15;40(10):1155-7
The modified method for isolation and culture of highly homogeneous Leydig cell population from rat testes. Janecki A, et al. **Folia Histochem Cytobiol** 1984;22(3-4):179-86
Development of stage-specific paracrine regulation of Leydig cells by the seminiferous tubules. Bergh A. **Int J Androl** 1985 Feb;8(1):80-5
Intracellular pathways of endocytosed tracers in Leydig cells of the rat. Hermo L, et al. **J Androl** 1985 Jul-Aug;6(4):213-24
Leydig cell numbers, daily sperm production, and serum gonadotropin levels in aging men. Neaves WB, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):756-63
Dissociation between testicular morphogenesis and functional differentiation of Leydig cells. Patsavoudi E, et al. **J Endocrinol** 1985 May;105(2):235-8
Identification and characterization of mononuclear phagocytes isolated from rat testicular interstitial tissues. Miller SC, et al. **J Leukocyte Biol** 1984 Dec;36(6):679-87
Preparation of isolated Leydig cells. Rommerts FF, et al. **Methods Enzymol** 1985;109:275-88
Morphological and functional characteristics of rat Leydig cells isolated on Percoll gradients: is Leydig cell heterogeneity in vitro an artifact? Laws AO, et al. **Mol Cell Endocrinol** 1985 Aug;42(1):73-90
Influence of rat seminiferous tubules on Leydig cell testosterone production in vitro. Parvinen M, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):331-6
[The significance of capsular infiltration of testicular Leydig cells—an autopsy study] Honma K, et al. **Zentralbl Allg Pathol** 1984;129(5):405-11 (Eng. Abstr.) (Ger)

DRUG EFFECTS

Bromocriptine, a dopamine agonist, directly inhibits testosterone production by rat Leydig cells. Chambon W, et al. **Andrologia** 1985 Mar-Apr;17(2):172-7
Antigonadal activity of the neurohypophysial hormones: direct in vivo regulation of Leydig cell function. Adashi EY, et al. **Ann NY Acad Sci** 1984;438:622-4
Trophic influences of luteinizing hormone on steroidogenesis by Percoll-separated rat Leydig cells in culture. Borth MJ, et al. **Ann NY Acad Sci** 1984;438:629-45
Control of steroidogenesis in Leydig cells: roles of Ca2+ and lipoxygenase products in LH and LHRH agonist action. Cooke BA, et al. **Ann NY Acad Sci** 1984;438:269-82
A model system to study the morphogenic and steroidogenic effects of various gonadotropins on the Leydig cell of the boar. Mesure-Morat M, et al. **Ann NY Acad Sci** 1984;438:636-41
Development of adenosine responsiveness after isolation of Leydig cells. Rommerts FF, et al. **Ann NY Acad Sci** 1984;438:609-11
Changes in germinal tissue and Leydig cells correlated with ethanol consumption in males with and without liver disease. Karhunen PJ, et al. **Arch Toxicol [Suppl]** 1984;7:155-8
Is cAMP the obligatory second messenger in the action of lutropin on Leydig cell steroidogenesis? Themmen APN, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1164-72
Stimulatory effect of follicle-stimulating hormone on rat Leydig cells. A morphometric and ultrastructural study. Kerr JB, et al. **Cell Tissue Res** 1985;239(2):405-15
Inhibition by gossypol of testosterone production by mouse Leydig cells in vitro. Donaldson A, et al. **Contraception** 1985 Feb;31(2):165-71
Inhibition by (+) and (−) isomers of gossypol of testosterone release from mouse Leydig cells in vitro. Sufi SB, et al. **Contraception** 1985 Feb;31(2):159-66
Mitochondrial cholesterol availability during gonadotropin-induced Leydig cell desensitization. Aquilano DR, et al. **Endocrinology** 1985 May;116(5):1745-54
25-Hydroxycholesterol-supported and 8-bromo-adenosine 3',5'-monophosphate-stimulated testosterone production by primary cultures of two populations of rat Leydig cells. Georgiou M, et al. **Endocrinology** 1985 Sep;117(3):1184-8
Rapid in vitro desensitization of the testosterone response in rat Leydig cells by sub-active concentrations of porcine luteinizing hormone. Guillou F, et al. **FEBS Lett** 1985 May 6;184(1):6-9
Leydig cell resistance to the cytotoxic effect of ethylene dimethanesulphonate in the adult rat testis. Morris ID. **J Endocrinol** 1985 Jun;105(3):311-6
Effects of age and luteinizing hormone antiserum on human chorionic gonadotropin-stimulated testosterone secretion in young male rats. Lin TC, et al. **Life Sci** 1985 Aug 5;37(5):481-8
Stimulation and inhibition of Leydig cell steroidogenesis by the phorbol ester 12-O-tetradecanoylphorbol 13-acetate: similarity to the effects of gonadotropin-releasing hormone. Moger WH. **Life Sci** 1985 Sep 2;37(9):869-73
A factor in spent media from Sertoli-cell-enriched cultures that stimulates steroidogenesis in Leydig cells. Verhoeven G, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):57-68
Functional characterization of luteinizing hormone responsiveness and desensitization in perifused interstitial cells. Wu FC, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):45-56
Electron microscopic study of the overlapping effect of thyrotropin and gonadotropins on the Leydig cells of 15-day old chick embryo. Shahin MA, et al. **Z Mikrosk Anat Forsch** 1985;99(1):86-96
[Effect of different doses of water-soluble retinoic acid on the input and 3-beta-ol steroid dehydrogenase concentration in the interstitial tissue and supporting cells of the testes of mice] Kovalski EF, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):247-9 (Eng. Abstr.) (Rus)
[Testicular response to various doses of human chorionic gonadotropin in normal men] Patron Duran RS **Rev Invest Clin** 1985 Jan-Mar;37(1):17-9 (Eng. Abstr.) (Spa)

ENZYMOLOGY

The 3 beta-hydroxysteroid dehydrogenase activity of cultured porcine Leydig cells in primary culture. Bernier M, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1300-3
Norethisterone and ethinylestradiol do not inhibit delta 5-3 beta-hydroxysteroid dehydrogenase in rat Leydig cells. Zeillinger R, et al. **Endocrinol Exp (Bratisl)** 1984 Sep;18(3):143-50
Demonstration of renin activity in purified rat Leydig cells: evidence for the existence of an endogenous inactive (latent) form of enzyme. Pandey KN, et al. **Endocrinology** 1984 Nov;115(5):1753-9
Maximal testosterone production in Leydig cells from inbred mice relates to the activity of 3 beta-hydroxysteroid dehydrogenase-isomerase. Stalvey JR, et al. **Endocrinology** 1984 Oct;115(4):1500-5
Gonadotropic regulation of aromatase activity in the adult rat testis. Tsai-Morris CH, et al. **Endocrinology** 1985 Jan;116(1):31-7
Cellular localization of rat testicular aromatase activity during development. Tsai-Morris CH, et al. **Endocrinology** 1985 Jan;116(1):38-46
Inhibition of hCG-stimulated adenylate cyclase in purified mouse Leydig cells by the phorbol ester PMA. Mukhopadhyay AK, et al. **FEBS Lett** 1985 Jul 22;187(1):56-60
Characterization of Leydig cell protein kinase. Further studies in hormone action. Winters CA, et al. **FEBS Lett** 1984 Dec 3;178(1):75-8
Luteinizing hormone and cyclic AMP-mediated induction of microsomal cytochrome P-450 enzymes in cultured mouse Leydig cells. Malaska T, et al. **J Biol Chem** 1984 Oct 10;259(19):11654-7
Steroid product-induced, oxygen-mediated damage of microsomal cytochrome P-450 enzymes in Leydig cell cultures. Relationship to desensitization. Quinn PG, et al. **J Biol Chem** 1985 Feb 25;260(4):2092-9
Modulation of cultured mouse Leydig cell adenylate cyclase by forskolin and hCG. Lefevre A, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):107-14

IMMUNOLOGY

Serological and biochemical identification of a plasma membrane antigen specific to Leydig cells. Millette CF, et al. **Biol Reprod** 1984 Dec;31(5):1077-90

METABOLISM

Lack of melatonin action on testosterone production by superfused rat interstitial cells. Larrigo F, et al.

Acta Endocrinol (Copenh) 1984 Sep;107(1):117–24

Cultured Sertoli cell–mediated FSH stimulatory effect on Leydig cell steroidogenesis. Benahmed M, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E176–81

Regulation of the synthesis of cholesterol side–chain cleavage cytochrome P–450 and adrenodoxin in rat Leydig cells in culture. Anderson CM, et al. **Ann NY Acad Sci** 1984; 438:259–68

Structural characteristics of the Leydig cell lactogen receptors. Bonifacino JS, et al. **Ann NY Acad Sci** 1984; 438:598–601

Incorporation of radiolabeled amino acids into protein subunits of the rat leydig cell gonadotropin receptor: application to the study of receptor structure and turnover. Crine P, et al. **Ann NY Acad Sci** 1984;438:224–36

Comparison of LH and LHRH agonist action on steroidogenesis in rat Leydig cells. Themmen AP, et al. **Ann NY Acad Sci** 1984;438:625–8

Effects of the antiestrogen CI–628 on hCG–induced desensitization of testosterone in purified Leydig cells. Keel BA, et al. **Arch Androl** 1984;13(1):71–5

Regulation of steroidogenesis in rat Leydig cells in culture: effect of human chorionic gonadotropin and dibutyryl cyclic AMP on the synthesis of cholesterol side chain cleavage cytochrome P–450 and adrenodoxin. Anderson CM, et al. **Arch Biochem Biophys** 1985 May 1;238(2):378–87

Human leukocyte interferon inhibits human chorionic gonadotropin stimulated testosterone production by porcine Leydig cells in culture. Orava M, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):809–15

Interactions of cadmium with interstitial tissue of the rat testes. Uptake of cadmium by isolated interstitial cells. Waalkes MP, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2513–8

Effects of antimicrotubular agents in cAMP production and in steroidogenic response of isolated rat Leydig cells. Saltarelli D, et al. **Biol Cell** 1984;52(3):259–66

Effect of glucocorticoids on testosterone production by porcine Leydig cells in primary culture. Bernier M, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1166–9

Lactogen receptors in rat Leydig cells: analysis of their structure with bifunctional cross–linking reagents. Bonifacino JS, et al. **Endocrinology** 1985 Apr;116(4):1610–4

Photoaffinity labeling of pituitary and gonadal receptors for gonadotropin–releasing hormone. Iwashita M, et al. **Endocrinology** 1985 Aug;117(2):738–46

The role of calcium/phospholipid–dependent protein kinase in Leydig cell steroidogenesis. Lin T. **Endocrinology** 1985 Jul;117(1):119–26

Identification and characterization of arginine vasopressin receptors in the rat testis. Meidan R, et al. **Endocrinology** 1985 Jan;116(1):416–23

Differences in the control of sterol metabolism between mouse and rat Leydig cells. Quinn PG, et al. **Endocrinology** 1985 Jun;116(6):2300–5

Differences in the behavior of luteinizing hormones of various species at the rat gonadal cell receptor site. Rani CS, et al. **Endocrinology** 1985 Feb;116(2):597–603

Effects of testicular macrophage–conditioned medium on Leydig cells in culture. Yee JB, et al. **Endocrinology** 1985 Jun;116(6):2682–4

Production of steroid hormone and cyclic AMP in hybrids of adrenal and Leydig cells generated by electrofusion. Podestá EJ, et al. **Eur J Biochem** 1984 Dec 3;145(2):329–32

Effects of hexafluoroacetone on Leydig cell steroidogenesis and spermatogenesis in the rat. Gillies PJ, et al. **Exp Mol Pathol** 1985 Jun;42(3):353–65

Effect of phorbol ester and phospholipase C on LH–stimulated steroidogenesis in purified rat Leydig cells. Papadopoulos V, et al. **FEBS Lett** 1985 Sep 2;188(2):312–6

Effect of alpha–chlorohydrin on metabolism and testosterone secretion by rat testicular interstitial cells. Paz G, et al. **Int J Androl** 1985 Apr;8(2):139–46

Response to acute hCG stimulation and steroidogenic potential of Leydig cell fibroblastic precursors in humans. Chemes HE, et al. **J Androl** 1985 Mar–Apr;6(2):102–12

Fetal irradiation increases androgen production by dispersed leydig cells of the rat. Jansz GF, et al. **J Androl** 1984 Sep–Oct;5(5):344–50

Leydig cell desensitization by human chorionic gonadotropin does not occur in the human fetal testis. Leinonen PJ, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):234–8

Relationship between hCG receptors disappearance and steroid accumulation during long term hCG stimulation in porcine Leydig cell cultures. Mombrial FC, et al. **J Recept Res** 1985;5(1):45–57

Differences between the regulation of cholesterol side–chain cleavage in Leydig cells from mice and rats. Brinkmann AO, et al. **J Steroid Biochem** 1984 Sep;21(3):259–64

Inhibitory or stimulatory effect of human genes on the expression of adrenal function in human Leydig X Y1 cell hybrids. Crozat A, et al. **J Steroid Biochem** 1985 Feb; 22(2):203–9

An early steroidogenic defect in hormone–induced Leydig cell desensitization. Hattori MA, et al. **J Steroid Biochem** 1984 Sep;21(3):265–77

The transmethylations inhibitor 3–deazaadenosine, inhibits in vitro testosterone production by rat testis interstitial cells stimulated with HCG. Llanos MN, et al. **J Steroid Biochem** 1985 Jul;23(1):73–6

Relationships between unconjugated and sulphated steroids in porcine primary Leydig cell culture. Orava M, et al. **J Steroid Biochem** 1985 Apr;22(4):507–12

[3H]Oestradiol metabolism by 18–day rat interstitial cells in culture and the effect of FSH: presence of 16 alpha–hydroxylase. Tcholakian RK, et al. **J Steroid Biochem** 1985 Feb;22(2):263–5

Effect of luteinizing hormone on RNA synthesis in Leydig cells of immature rats. Valladares LE, et al. **J Steroid Biochem** 1984 Oct;21(4):443–6

Beta 2–adrenergic stimulation of androgen production by cultured mouse testicular interstitial cells. Anakwe OO, et al. **Life Sci** 1984 Nov 12;35(20):2041–7

Mechanism of action of gonadotropin–releasing hormone stimulated Leydig cell steroidogenesis. III. The role of arachidonic acid and calcium/phospholipid dependent protein kinase. Lin T. **Life Sci** 1985 Apr 1;36(13):1255–64

Ethanol directly increases dihydrotestosterone conversion primarily to 5 alpha–androstan–3 beta, 17 beta–diol in rat Leydig cells. Murono EP, et al. **Life Sci** 1985 Apr 8; 36(14):1381–7

Testicular steroidogenic response to human chorionic gonadotropin of fifteen male transsexuals on chronic estrogen treatment. Futterweit W, et al. **Metabolism** 1984 Oct;33(10):936–42

The role of the microtubular system in LH/hCG receptor downregulation in rat Leydig cells. Laws AO, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):39–51

Intratesticular secretion of a factor(s) with major stimulatory effects on Leydig cell testosterone secretion in vitro. Sharpe RM, et al. **Mol Cell Endocrinol** 1984 Sep; 37(2):159–68

Stage–specific inhibition of interstitial cell testosterone secretion by rat seminiferous tubules in vitro. Syed V, et al. **Mol Cell Endocrinol** 1985 May;40(2–3):257–64

In vitro studies of prolactin inhibition of luteinizing hormone action on Leydig cells of rats and mice. Odell WD, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):459–64

[Effect of estradiol on the regulation of testicular steroidogenesis] Valladares L, et al. **Rev Med Chil** 1984 Jun;112(6):599–603 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Effects of luteinizing hormone withdrawal on Leydig cell smooth endoplasmic reticulum and steroidogenic reactions which convert pregnenolone to testosterone. Wing TY, et al. **Endocrinology** 1984 Dec;115(6):2290–6

Effects of hypobaric hypoxia on the Leydig cell population of the testis of the rat. Gosney JR. **J Endocrinol** 1984 Oct; 103(1):59–62

Male pseudohermaphroditism resulting from Leydig cell hypoplasia [letter] Arnhold IJ, et al. **J Pediatr** 1985 Jun; 106(6):1057

Leydig cell hyperplasia in cryptorchid patients: quantitative evaluation of Leydig cells in undescended and contralateral scrotal testes. Gotoh M, et al. **Urol Res** 1984;12(3):159–64

PHYSIOLOGY

The influence of luteinizing hormone on the Leydig cells of cryptorchid rat testes. Wilton LJ, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):110–6

Impaired Leydig cell function in vitro in testicular tissue from human males with 'Sertoli cell only' syndrome. Hammar M, et al. **Andrologia** 1985 Jan–Feb;17(1):37–41

Correlative changes in the Leydig's cells and male secondary sexual characters (SSC) in a freshwater fish Mystus (M) vittatus. Misra M, et al. **Ann Endocrinol (Paris)** 1984; 45(2):125–30

Synergistic effects of Sertoli cell and FSH on Leydig cell function: in vitro study. Benahmed M, et al. **Ann NY Acad Sci** 1984;438:684–7

Leydig cell function in the absence of an intact Y chromosome. Chubb C, et al. **Biol Reprod** 1984 Oct; 31(3):536–40

Interactions between immature porcine Leydig and Sertoli cells in vitro. An ultrastructural and biochemical study. Tabone E, et al. **Cell Tissue Res** 1984;237(2):357–62

Do testicular opiates regulate Leydig cell function? Gerendai I, et al. **Endocrinology** 1984 Oct;115(4):1645–7

Follicle–stimulating hormone induction of Leydig cell maturation. Kerr JB, et al. **Endocrinology** 1985 Jun; 116(6):2592–604

Effect of cryptorchidism on the morphology of testicular macrophages: evidence for a Leydig cell–macrophage interaction in the rat testis. Bergh A. **Int J Androl** 1985 Feb;8(1):86–96

Early signs of Sertoli and Leydig cell dysfunction in the abdominal testes of immature unilaterally cryptorchid rats. Bergh A, et al. **Int J Androl** 1984 Oct;7(5):398–408

Local regulation of Leydig cells by the seminiferous tubules. Effect of short–term cryptorchidism. Bergh A, et al. **Int J Androl** 1984 Oct;7(5):409–18

Changes in testicular function induced by short–term exposure of the rat testis to heat: further evidence for interaction of germ cells, Sertoli cells and Leydig cells. Jégou B, et al. **Int J Androl** 1984 Jun;7(3):244–57

Leydig cell function in normal men: effect of age, life–style, residence, diet, and activity. Deslypere JP, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):955–62

Aromatase inhibition by delta 1–testolactone does not relieve the gonadotropin–induced late steroidogenic block in normal men. Smals AG, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1127–31

Leydig cell function in boys following treatment for testicular relapse of acute lymphoblastic leukemia. Blatt J, et al. **J Clin Oncol** 1985 Sep;3(9):1227–31

Increase in Leydig cell responsiveness in the unilaterally cryptorchid rat testis and its relationship to the intratesticular levels of testosterone. Sharpe RM, et al. **J Endocrinol** 1984 Sep;102(3):319–27

The functional maturation of the Sertoli cell and Leydig cell in the mammalian testis. Waites GM, et al. **J Reprod Fertil** 1985 Sep;75(1):317–26 (84 ref.)

The functional activity of adult mouse Leydig cells in monolayer culture: effect of lipoproteins, pregnenolone and cholera–toxin. Hunter MG, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):217–28

Further studies on the effects of heroin addiction on the hypothalamic–pituitary–gonadal function in man. Celani MF, et al. **Pharmacol Res Commun** 1984 Dec 16(12):1193–203

PHYSIOPATHOLOGY

Effect of streptozotocin–diabetes and insulin treatment on regulation of Leydig cell function in the rat. Benitez A, et al. **Horm Metab Res** 1985 Jan;17(1):5–7

[Leydig cell function in idiopathic oligozoospermia] Lunglmayr G, et al. **Wien Klin Wochenschr** 1984 Sep 14 96(17):651–4 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

Leydig cell damage after testicular irradiation for lymphoblastic leukaemia. Shalet SM, et al. **Med Pediatr Oncol** 1985;13(2):65–8

ULTRASTRUCTURE

Testicular organogenesis in the fetal calf: interstitial endocrine (Leydig) cell development. Hullinger RL, et al **Acta Anat (Basel)** 1985;121(2):99–109

Steroid biosynthesis and Leydig cell morphology in adult unilaterally cryptorchid rats. Bergh A, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):556–62

Sertoli cells and Leydig cells in man. Schulze C. **Adv Anat Embryol Cell Biol** 1984;88:1–104 (287 ref.)

Quantitative and ultrastructural study of Leydig cells in Klinefelter's syndrome. Nistal M, et al. **J Pathol** 1985 Aug 146(4):323–31

[Morphological studies of the Leydig cells in impaired fertility] Donat H, et al. **Zentralbl Gynakol** 1985 107(5):280–7 (Eng. Abstr.) **(Ger)**

[Ultrastructural aspects of testicular interstitial cells in the bat (Vesperugo savi)] Grandi D, et al. **Acta Biomed Ateneo Parmense** 1984;55(5–6):209–21 (Eng Abstr.) **(Ita)**

[Long–term study of the effects of pinealectomy on the testicular interstitial cells of rodents] Mompo Sanchis JA et al. **Actas Urol Esp** 1985 Mar–Apr;9(2):191–6 (Eng Abstr.) **(Spa)**

LH

Bovine luteinizing hormone iodinated at alpha Tyr21, alpha Tyr92, or alpha Tyr93 retains specific binding activity Sharp SB, et al. **Endocrinology** 1984 Dec;115(6):2182–8

[Identification of an active site in luteotropin (LH) and chorionic gonadotropin (CG) based on studies of their conformation in solution by proton nuclear magnetic resonance (NMR) and on the receptor–binding properties of hormone fragments] Maghuin–Rogister G, et al. **Ann Endocrinol (Paris)** 1984;45(4–5):257–60 (Eng. Abstr.) **(Fre)**

ADMINISTRATION & DOSAGE

The significance of the ratio in follicle–stimulating hormone and luteinizing hormone in induction of multiple follicular growth. Bernardus RE, et al. **Fertil Steril** 1985 Mar 43(3):373–8

ANALYSIS

Median charge and charge heterogeneity of human pituitary FSH, LH and TSH. I. Zone electrophoresis in agarose suspension. Wide L. **Acta Endocrinol (Copenh)** 1985 Jun 109(2):181–9

Median charge and charge heterogeneity of human pituitary FSH, LH and TSH. II. Relationship to sex and age. Wide L. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):190–7

Sialic acid moiety is responsible for the charge heterogeneity and the biological potency of rat lutropin. Hattori M, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):501–

The impact of aging on luteinizing hormone (LH) and thyroid–stimulating hormone (TSH) in the rat brain Emanuele NV, et al. **Brain Res** 1985 Jun;352(2):179–83

Compensatory development of immature LH cells after long–term gonadectomy: an immunocytochemical, electron microscopic and cell count study. Kihara H. **Endocrinol Jpn** 1984 Aug;31(4):395–406

Pituitary alpha–subunit messenger ribonucleic acid remains elevated during the latter stages of the preovulatory luteinizing hormone surge. Landefeld T, et al. **Endocrinology** 1985 Sep;117(3):934–8

Effect of seasonal variations on hormone levels of follicular fluid of sheep ovarian follicles. Shailaja K, et al. **Indian J Exp Biol** 1984 Jul;22(7):357–62

Demonstration of a COOH-terminal extension on equine lutropin by means of a common acid-labile bond in equine lutropin and equine chorionic gonadotropin. Bousfield GR, et al. **J Biol Chem** 1985 Aug 15;260(17):9531-3

Subunits of bovine lutropin. Hormonal and immunological activity after separation with reversed-phase high-performance liquid chromatography. Hallin P, et al. **J Chromatogr** 1985 Feb 1;319(2):195-204

Studies of the heterogeneity of human pituitary LH by fast protein liquid chromatography. Stockell Hartree A, et al. **J Endocrinol** 1985 Jun;105(3):405-13

In vitro bioassay of LH: some methodological aspects. Gnessi L, et al. **J Endocrinol Invest** 1984;7 Suppl 3:33-7

The significance of in vitro bioassays for the estimation and characterization of human luteinizing hormone (LH). Khan SA, et al. **J Endocrinol Invest** 1984;7 Suppl 3:1-22 (76 ref.)

Monoclonal antibody LICR-LON-E36 recognizes gonadotrophs in female rat pituitaries. Monaghan P, et al. **J Histochem Cytochem** 1984 Oct;32(10):1048-54

Red cell-labelled monoclonal antibodies for assay of human chorionic gonadotropin and luteinising hormone by reverse passive haemagglutination. Siddle K, et al. **J Immunol Methods** 1984 Oct 12;73(1):169-76

Hormone-containing, non-secreting pituitary tumors: clinically silent monohormonal pituitary adenomas. Randall RV, et al. **Trans Am Clin Climatol Assoc** 1984;96:98-103

[New functional test using the antiandrogen niftolid for studying the gonadotropic reserves of the hypothalamo-hypophyseal system] Reznikov AG, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):15-8 (Eng. Abstr.) **(Rus)**

[Immunologic characterization of commercial preparations of LH, FSH and HCG] Ayala AR, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):61-6 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

In vitro studies of prolactin inhibition of luteinizing hormone action on Leydig cells of rats and mice. Odell WD, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):459-64

BIOSYNTHESIS

Synthesis and release of luteinizing hormone in vitro: manipulations of Ca2+ environment. Liu TC, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E165-74

Inappropriate luteinizing hormone concentration in human breast cancer. Gunasegaram R, et al. **Aust NZ J Surg** 1985 Apr;55(2):127-31

Synthesis and release of luteinizing hormone in vitro by rat anterior pituitary cells: effects of gallopamil hydrochloride (D600) and pimozide. Liu TC, et al. **Endocrinology** 1985 Oct;117(4):1608-14

The beta subunits of glycoprotein hormones. Formation of three-dimensional structure during cell-free biosynthesis of lutropin-beta. Strickland TW, et al. **J Biol Chem** 1985 May 10;260(9):5816-9

The ontogeny of hypothalamic pituitary function in the pig. I. Pituitary LH and FSH in the fetus and neonate. McNamara M, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):119-24

[Biosynthesis of immunoreactive luteinizing hormone in the central nervous system of rats] Nabatchikova NA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):44-7 (Eng. Abstr.) **(Rus)**

BLOOD

6-methoxy-tetrahydro-beta-carboline (pinoline): effects on plasma renin activity and aldosterone, TSH, LH and beta-endorphin levels in rats. Airaksinen MM, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):525-30

Serum gonadotrophin pulsatile secretion in men with Prl-secreting and non-secreting pituitary tumours. Ambrosi B, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):1-6

Effects of luteinizing hormone-releasing hormone (LRH) upon bioactive and immunoreactive serum LH in patients with Turner's syndrome before and after oestrogen treatment. Celani MF, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):304-8

Endocrinological effects of single daily ketoconazole administration in male beagle dogs. De Coster R, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):275-81

Effects of continuous infusions of 4-hydroxyoestradiol and oestradiol on plasma LH-levels in the ovariectomized ewe. Emons G, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):328-36

Negative feedback effects of oestradiol-17 beta on luteinizing hormone in female rhesus monkeys under different seasonal conditions. Herndon JG, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):31-5

The effects of progesterone on gonadotrophin release in hypogonadal women. Minakami H, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):456-61

Effects of acute stimulation with luteinizing hormone-releasing hormone (LRH) on biologically active and immunoreactive serum luteinizing hormone (LH) in pubertal boys. Montanini V, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):289-94

Gonadotrophins and ovarian steroids in cattle. IV. Re-establishment of the stimulatory feedback action of oestradiol-17 beta on LH and FSH. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):44-9

Gonadotrophins and ovarian steroids in cattle. III. Pulsatile changes of gonadotrophin concentrations in the jugular vein post partum. Schallenberger E. **Acta Endocrinol (Copenh)** 1985 May;109(1):37-43

A possible role of clomiphene citrate in the control of pre-ovulatory LH surge during induction of ovulation. Terakawa N, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):58-63

Kinetics of steroid responsiveness to hCG during chronic inhibition of testicular function by GnRH analogue. Vicari E, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):544-9

The influence of luteinizing hormone on the Leydig cells of cryptorchid rat testes. Wilton LJ, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):110-6

Episodic secretion of hormones and the diagnostic value of single blood estimates. I. LH, FSH, prolactin. Siklósi G, et al. **Acta Med Hung** 1984;41(4):195-202

Effect of dopamine receptor stimulation on the inhibition of LH pulsatility by a met-enkephaline (FK 33-824). del Pozo E, et al. **Acta Neurochir (Wien)** 1985;75(1-4):88-90

Pregnancy in a young woman with hypergonadotropic 'ovarian failure'. Voigt S. **Acta Obstet Gynecol Scand** 1984;63(8):733-4

Clinical and endocrinological studies in primiparous post partum sows. Effects of lactation length and litter size. Kunavongkrit A. **Acta Vet Scand** 1984;25(2):260-79

Sequential hormone measurements after menstrual regulation in normal Nigerian women. Osotimehin B, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):105-9

Testosterone, FSH and LH in human spermatic and cubital venous plasma in post-inflammatory azoospermia. Bablok L, et al. **Andrologia** 1984 Nov-Dec;16(6):525-7

Long-term, pulsatile, low dose, subcutaneous luteinizing hormone-releasing hormone administration in men with idiopathic oligozoospermia. Failure of therapeutic and hormonal response. Fauser BC, et al. **Andrologia** 1985 Mar-Apr;17(2):143-9

Estrogens in the feedback regulation of gonadotropin secretion in men: effects of administration of estrogen to agonadal subjects and the antiestrogen tamoxifen and the aromatase inhibitor delta'-testolactone to eugonadal subjects. Gooren LJ, et al. **Andrologia** 1984 Nov-Dec;16(6):568-77

LH response to LH-RH neonatally estrogenized male rats. Pinilla L, et al. **Andrologia** 1985 May-Jun;17(3):254-6

Hormone profiles at high altitude in man. Sawhney RC, et al. **Andrologia** 1985 Mar-Apr;17(2):178-84

Comparison of the biological and immunological activities of serum luteinizing hormone and follicle stimulating hormone in infertile males. Ucer U, et al. **Andrologia** 1984 Nov-Dec;16(6):559-67

Evaluation of commercially available radioimmunoassays for the determination of luteinizing hormone in serum and urine. Application for the detection of endogenous rise of luteinizing hormone in a in vitro fertilization program. Liu Y, et al. **Ann Biol Clin (Paris)** 1984;42(6):419-25

Improved performance of plasma gonadotrophin assays using common reagents and assay protocols: evidence from the UK External Quality Assessment Scheme. Hayes M, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):179-84

A monoclonal antibody-based immunoradiometric assay for h-LH. Hunter WM, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):275-83

Effect of age and illness on LH bio/immuno ratio. Warner B, et al. **Ann NY Acad Sci** 1984;438:492-6

The lack of discriminant seminal and endocrine variables in the partners of fertile and infertile women. Freischem CW, et al. **Arch Gynecol** 1984;236(1):1-12

Circulating concentrations of testosterone, luteinizing hormone and follicle stimulating hormone in male rats after inhalation of methanol. Cameron AM, et al. **Arch Toxicol [Suppl]** 1984;7:441-3

Plasma follicle-stimulating hormone, luteinizing hormone, and sex hormones in patients with gout. Marinello E, et al. **Arthritis Rheum** 1985 Feb;28(2):127-31

Effects of ovariectomy on clock-timed daily gonadotropin rhythms in prepubertal golden hamsters. Donham RS, et al. **Biol Reprod** 1985 Mar;32(2):284-9

Modulation of pulsatile luteinizing hormone secretion by ovarian steroids in the rat. Goodman RL, et al. **Biol Reprod** 1985 Mar;32(2):217-25

Ovulatory response, and plasma concentrations of luteinizing hormone and progesterone following administration of synthetic mammalian or chicken luteinizing hormone-releasing hormone relative to the first or second ovulation in the sequence of the domestic hen. Johnson AL, et al. **Biol Reprod** 1984 Nov;31(4):646-55

Germ cell degeneration during postprophase of meiosis and serum concentrations of gonadotropins in young adult and older adult men. Johnson L, et al. **Biol Reprod** 1984 Nov;31(4):779-84

Polycystic ovarian condition in estradiol valerate-treated rats: spontaneous changes in characteristic endocrine features. Schulster A, et al. **Biol Reprod** 1984 Oct;31(3):587-93

Effect of gonadotropin-releasing hormone antagonists on serum follicle-stimulating hormone and luteinizing hormone under conditions of singular follicle-stimulating hormone secretion. Schwartz NB, et al. **Biol Reprod** 1985 Mar;32(2):391-8

Immunoreactive luteinizing hormone, estradiol, progesterone, testosterone, and androstenedione levels during the breeding season and anestrus in Siberian tigers. Seal US, et al. **Biol Reprod** 1985 Mar;32(2):361-8

Experimental induction of estradiol positive feedback in intact male monkeys: absence of inhibition by physiologic concentrations of testosterone. Westfahl PK, et al. **Biol Reprod** 1984 Dec;31(5):856-62

Successful treatment of infertile women with oligomenorrhoea using a combination of an LHRH agonist and exogenous gonadotrophins. Fleming R, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):369-73

Reduced in-vitro fertilization of human oocytes from patients with raised basal luteinizing hormone levels during the follicular phase. Stanger JD, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):385-93

Selective increase in plasma luteinising hormone concentrations in drug free young men with mania. Whalley LJ, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):99-102

Parasagittal hypothalamic knife cuts in male chicks: advancement of reproductive function and changes in plasma concentrations of luteinising hormone and androgen. Kuenzel WJ, et al. **Br Poult Sci** 1985 Apr;26(2):199-205

Some aspects of the use of the growth promoter zeranol in ewe lambs retained for breeding. III. Effect on plasma LH levels. Cooper RA. **Br Vet J** 1985 Jul-Aug;141(4):424-6

Plasma gonadotrophin levels in sows with experimental cystic ovarian follicles. Peter AT, et al. **Br Vet J** 1985 May-Jun;141(3):288-96

Dynamic changes in plasma luteinizing hormone and testosterone after stress in the male rat. Influence of adrenalectomy. Lescoat G, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1231-3

Neuroendocrine effects of flunarizine treatment in postmenopausal women. Facchinetti F, et al. **Cephalalgia** 1985 May;5 Suppl 2:187-8

Suppliers of kits for lutropin, follitropin, and prolactin should all use the same calibrators [letter] Albertini A, et al. **Clin Chem** 1984 Oct;30(10):1723-4

Discordant results for choriogonadotropin: a problem caused by lutropin beta-subunit interference? [letter] Thomas CM, et al. **Clin Chem** 1985 Jan;31(1):159

Time- and dose-dependent alterations of basal and LH-RH-stimulated LH-release during treatment with various hormonal contraceptives. Kuhl H, et al. **Contraception** 1984 Nov;30(5):467-82

Immediate postabortal contraception with Norplant: levonorgestrel, gonadotropin, estradiol, and progesterone levels over two postabortal months and return of fertility after removal of Norplant capsules. Kurunmäki H, et al. **Contraception** 1984 Nov;30(5):431-42

The endocrinological profile of normal menstrual cycles in a population of Chinese women. Xiao BL, et al. **Contraception** 1985 Mar;31(3):217-30

Changes in serum LH and FSH following preovulatory administration of ethanol in rats. Marcó J, et al. **Drug Alcohol Depend** 1984 Oct;14(2):215-8

Site of negative feedback action of estrogen on gonadotropin secretion in normal women. Nagahara Y, et al. **Endocrinol Jpn** 1984 Oct;31(5):529-32

Radioreceptor assay for cynomolgus monkey serum luteinizing hormone. Yoshida T, et al. **Endocrinol Jpn** 1984 Oct;31(5):665-73

Does prolactin modify testosterone feedback in the hamster? Pituitary grafts alter the ability of testosterone to suppress luteinizing hormone and follicle-stimulating hormone release in castrated male hamsters. Bartke A, et al. **Endocrinology** 1984 Oct;115(4):1506-10

Effects of ovarian hormones on the concentrations of immunoreactive neuropeptide Y in discrete brain regions of the female rat: correlation with serum luteinizing hormone (LH) and median eminence LH-releasing hormone. Crowley WR, et al. **Endocrinology** 1985 Sep;117(3):1151-5

Longitudinal study of the surge of gonadotropins induced by exogenous hormones in prepuberal gilts. Fleming MW, et al. **Endocrinology** 1985 May;116(5):1893-8

Age-correlated and ovary-dependent changes in relationships between plasma estradiol and luteinizing hormone, prolactin, and growth hormone in female C57BL/6J mice. Mobbs CV, et al. **Endocrinology** 1985 Feb;116(2):813-20

Mainly mu-opiate receptors are involved in luteinizing hormone and prolactin secretion. Panerai AE, et al. **Endocrinology** 1985 Sep;117(3):1096-9

Gonadotropin-releasing hormone pulses in third ventricular cerebrospinal fluid of ovariectomized rhesus monkeys: correlation with luteinizing hormone pulses. Van Vugt DA, et al. **Endocrinology** 1985 Oct;117(4):1550-8

Exogenous and endogenous opioid-induced enhancements of naloxone's effects on serum luteinizing hormone levels in the male rat. Cicero TJ, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):273-84

Correlation of hormone levels and quantitative histological findings in testicular biopsies. Mikuz G, et al. **Eur Urol** 1985;11(2):110-6

FSH and LH response to testosterone and gonadotropin-releasing hormone in aging male rats. Sartin JL, et al. **Exp Aging Res** 1984 Winter;10(4):183-7

Hyperprolactinemia and estrogen-induced rhythms in LH and prolactin release in the ovariectomized rat. Carr L, et al. **Experientia** 1985 Apr 15;41(4):494–6

Suppression of basal luteinizing hormone concentrations by melatonin in postmenopausal women. Aleem FA, et al. **Fertil Steril** 1984 Dec;42(6):923–5

Serum luteinizing hormone–releasing hormone (LH–RH) and gonadotropic hormones in men after a bolus dose of LH–RH: comparison of different doses and routes of administration. Fauser BC, et al. **Fertil Steril** 1985 Sep; 44(3):384–9

Monitoring techniques with clomiphene citrate [letter] Grunert GM. **Fertil Steril** 1985 Apr;43(4):672–3

Sertoli cell only syndrome and normal gonadotropins [letter] Guay AT. **Fertil Steril** 1985 Apr;43(4):671

Effect of a gonadotropin–releasing hormone agonist on luteinizing hormone and testosterone secretion and testicular histology in male rhesus monkeys. Mann DR, et al. **Fertil Steril** 1985 Jan;43(1):115–21

The effects of single–dose luteinizing hormone–releasing hormone on ovulatory menstrual function: support for a single luteinizing hormone– and follicle–stimulating hormone–releasing factor. Reindollar RH, et al. **Fertil Steril** 1985 Feb;43(2):185–95

Seasonal variations in plasma luteinizing hormone and testosterone levels in the European badger Meles meles L. Audy MC, et al. **Gen Comp Endocrinol** 1985 Mar; 57(3):445–53

Seasonal variation in pituitary responsiveness to luteinizing hormone–releasing hormone of mallards and canvasbacks. Bluhm CK. **Gen Comp Endocrinol** 1985 Jun;58(3):491–7

Evidence for a positive feedback interaction between progesterone and luteinizing hormone in the induction of ovulation in the hen, Gallus domesticus. Johnson PA, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):478–85

Changes in hormone levels in relation to breeding behavior in male bullfrogs (Rana catesbeiana) at the individual and population levels. Mendonça MT, et al. **Gen Comp Endocrinol** 1985 May;58(2):270–9

Environmental and endocrine control of reproduction in the song sparrow, Melospiza melodia. I. Temporal organization of the breeding cycle. Wingfield JC. **Gen Comp Endocrinol** 1984 Dec;56(3):406–16

Plasma levels of luteinizing hormone and steroid hormones in free–living winter groups of willow tits (Parus montanus). Silverin B, et al. **Horm Behav** 1984 Dec; 18(4):367–79

Short–term changes in plasma levels of hormones during establishment and defense of a breeding territory in male song sparrows, Melospiza melodia. Wingfield JC. **Horm Behav** 1985 Jun;19(2):174–87

Effects of short–term exposure to catecholestrogens on serum concentrations of gonadotrophins and metabolism of catecholestrogens in ovariectomized rats. Ball P, et al. **Horm Metab Res** 1985 Apr;17(4):184–8

Relationship between release of LH and incorporation of tritiated thymidine in the anterior pituitary gland of the castrated female rat. Machiavelli GA, et al. **Horm Metab Res** 1985 Jun;17(6):298–300

Daily variations of plasma sex hormone–binding globulin binding capacity, testosterone and luteinizing hormone concentrations in healthy rested adult males. Clair P, et al. **Horm Res** 1985;21(4):220–3

Plasma LH, FSH, testosterone & LH response to GnRH during exercise in man. Sawhney RC, et al. **Indian J Med Res** 1984 Apr;79:523–8

Effect of treatment with different doses of bromocriptine on plasma profiles of prolactin, gonadotrophins and testosterone in mature male rats and mice. Rao MR, et al. **Int J Androl** 1984 Jun;7(3):258–68

Reproductive hormone profiles in regularly menstruating Sudanese women. El Sheikh MA, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):243–9

Prolonged suppression of plasma LH levels in male rats after a single injection of an LH–RH agonist in poly(DL–lactide–co–glycolide) microcapsules. Asch RH, et al. **J Androl** 1985 Mar–Apr;6(2):83–8

Stimulation of sperm production by human chorionic gonadotropin after prolonged gonadotropin suppression in normal men. Matsumoto AM, et al. **J Androl** 1985 May–Jun;6(3):137–43

Plasma prolactin, LH, FSH and estrogen excretion patterns in gilts during sexual development. Camous S, et al. **J Anim Sci** 1985 May;60(5):1308–17

Relationship between LH and testicular development in progesterone–implanted prepubertal ram lambs. Echternkamp SE, et al. **J Anim Sci** 1984 Aug;59(2):441–53

The effect of castration, estradiol and LHRH on LH secretion of lambs fed different levels of dietary energy. Fitzgerald JA. **J Anim Sci** 1984 Aug;59(2):460–9

Effects of dihydrotestosterone benzoate administration on gonadotropin secretion in ovariectomized pony mares. Garza F Jr, et al. **J Anim Sci** 1985 Jul;61(1):240–4

Effects of charcoal–extracted, bovine follicular fluid on gonadotropin concentrations, the onset of estrus and luteal function in heifers. Johnson SK, et al. **J Anim Sci** 1985 Jul;61(1):203–9

Evidence against chronic teat stimulation as an autonomous effector of diminished gonadotropin release in beef cows. Williams GL, et al. **J Anim Sci** 1984 Oct;59(4):1060–9

Hormonal effects of gonadotropin–releasing hormone (GnRH) agonist in the human male. III. Effects of long term combined treatment with GnRH agonist and androgen. Bhasin S, et al. **J Clin Endocrinol Metab** 1985 May;60(5):998–1003

Gonadotropin–releasing hormone pulsatile administration restores luteinizing hormone pulsatility and normal testosterone levels in males with hyperprolactinemia. Bouchard P, et al. **J Clin Endocrinol Metab** 1985 Feb; 60(2):258–62

Inhibition of serum luteinizing hormone and testosterone with an inhibitory analog of luteinizing hormone–releasing hormone in adult male rhesus monkeys. Burgos–Briceño LA, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):601–7

The changing ratio of bioactive to immunoreactive luteinizing hormone (LH) through puberty principally reflects changing LH radioimmunoassay dose–response characteristics. Burstein S, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):508–13

Opioid effects on plasma concentrations of luteinizing hormone and prolactin in the adult male rhesus monkey. Gilbeau PM, et al. **J Clin Endocrinol Metab** 1985 Feb; 60(2):299–305

Effect of acute and chronic androgen suppression by glucocorticoids on gonadotropin levels in hirsute women. Karpas AE, et al. **J Clin Endocrinol Metab** 1984 Oct; 59(4):780–4

Impotence associated with low biological to immunological ratio of luteinizing hormone in a man with a pituitary stone. Plourde PV, et al. **J Clin Endocrinol Metab** 1985 Apr; 60(4):797–802

A comparison of two methods for detecting hormone peaks: the effect of sampling interval on gonadotropin peak frequency. Ross JL, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1159–63

Abnormal patterns of pulsatile luteinizing hormone secretion in women with hyperprolactinemia and amenorrhea: responses to bromocriptine. Sauder SE, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):941–8

Periovulatory hormonal dynamics: relationship of immunoassayable gonadotropins and ovarian steroids to the bioassayable luteinizing hormone surge in rhesus monkeys. Schenken RS, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):886–90

Changes in plasma progesterone concentrations around the time of the luteinizing hormone surge in women superovulated for in vitro fertilization. Trounson AO, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1075–80

Altered neuroendocrine regulation of gonadotropin secretion in women distance runners. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):557–63

Effects of aging and illness on the pituitary testicular axis in men: qualitative as well as quantitative changes in luteinizing hormone. Warner BA, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):263–8

Serum gonadotropins after gonadotropin–releasing hormone injection in bulls subjected to spacial restriction. Gwazdauskas FC, et al. **J Dairy Sci** 1984 Dec; 67(12):3069–74

Changes of luteinizing hormone and progesterone for dairy cows after gonadotropin–releasing hormone at first postpartum breeding. Lee CN, et al. **J Dairy Sci** 1985 Jun; 68(6):1463–70

Secretion of luteinizing hormone and follicle–stimulating hormone from overfeeding dairy heifers. Spicer LJ, et al. **J Dairy Sci** 1984 Sep;67(9):1993–2000

Inverse changes in plasma prolactin and LH concentrations in female canaries after disruption and reinitiation of incubation. Goldsmith AR, et al. **J Endocrinol** 1984 Nov; 103(2):251–6

Effects of antiserum to thyrotrophin–releasing hormone on the concentrations of plasma prolactin, thyrotrophin and LH in the pro–oestrous rat. Horn AM, et al. **J Endocrinol** 1985 Feb;104(2):205–9

Problems associated with the in vitro bioassay of serum luteinizing hormone (LH) on mouse Leydig cell preparations: methodological aspects. Baraghini GF, et al. **J Endocrinol Invest** 1984;7 Suppl 3:23–31

Effects of acute stimulation with gonadotropin releasing hormone (GnRH) on biologically active serum luteinizing hormone (LH) in elderly men. Celani MF, et al. **J Endocrinol Invest** 1984 Dec;7(6):589–95

Sexual and gonadal functions in elderly uremic patients on hemodialysis. Mastrogiacomo I, et al. **J Endocrinol Invest** 1985;8 Suppl 2:117–21

LH bioactivity in male puberty and senescence. Montanini V, et al. **J Endocrinol Invest** 1984;7 Suppl 3:43–52

Bioassay of LH as a prognostic index for gonadotropin therapy in oligozoospermia. Paolucci D, et al. **J Endocrinol Invest** 1984;7 Suppl 3:53–8

Differential effects of acute DA receptor blockade with domperidone on LH and TSH release in patients with hyperprolactinemia. Peters JR, et al. **J Endocrinol Invest** 1985 Apr;8(2):163–6

Italian external quality control program for LH immunoassay. Signorini C, et al. **J Endocrinol Invest** 1984; 7 Suppl 3:39–42

Seasonal changes in the concentrations of plasma gonadotropins and prolactin in wild mallard drakes. Haase E, et al. **J Exp Zool** 1985 May;234(2):301–5

Annual gonadotropin and testosterone cycles in free–living male birds. Silverin B. **J Exp Zool** 1984 Dec;232(3):581–7 (46 ref.)

Progesterone and luteinizing hormone secretion following stress–induced interruption of constant estrus in aged rats. Miller AE, et al. **J Gerontol** 1985 Mar;40(2):129–32

Heterologous radioimmunoassay of monkey luteinizing hormone: a critical assessment. Khan SA, et al. **J Med Primatol** 1984;13(4):191–204

Luteinizing hormone and gonadal steroid levels during the menstrual cycle of orangutans. Nadler RD, et al. **J Med Primatol** 1984;13(6):305–14

Alcohol effects on luteinizing hormone and testosterone in male macaque monkeys. Mello NK, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):588–96

Effects of abdominal vagotomy on serum LH concentrations in female rats. Allen LG, et al. **J Reprod Fertil** 1985 May; 74(1):87–94

Ram–induced growth of ovarian follicles and gonadotrophin inhibition in anoestrous ewes. Atkinson S, et al. **J Reprod Fertil** 1985 Jan;73(1):185–9

Neonatal androgen abolishes clock–timed gonadotrophin release in prepubertal and adult female hamsters. Donham RS, et al. **J Reprod Fertil** 1985 Jan;73(1):215–21

Observations on variability in LH release and fertility during oestrus in the domestic cat (Felis catus). Glover TE, et al. **J Reprod Fertil** 1985 Sep;75(1):145–52

Comparison of the rate of decline in plasma progesterone concentrations at a natural and progesterone–synchronized oestrus and its effect on tonic LH secretion in the ewe. Haresign W. **J Reprod Fertil** 1985 Sep;75(1):231–6

Effects of oestradiol–17 beta on peripheral plasma concentrations of LH and FSH in ovariectomized tammars (Macropus eugenii). Horn CA, et al. **J Reprod Fertil** 1985 Mar;73(2):585–92

Effects of melatonin implants in ram lambs. Kennaway DJ, et al. **J Reprod Fertil** 1985 Jan;73(1):85–91

Effects of oestradiol benzoate treatment on the reproductive performance and endocrine status of sows after lactations of 10 or 35 days. Kirkwood RN, et al. **J Reprod Fertil** 1984 Nov;72(2):329–37

Elevated peripheral concentrations of LH block ovulation and increase thecal and serum progesterone in the hamster. Rousey S, et al. **J Reprod Fertil** 1985 May;74(1):197–203

Relationships between LH, FSH and prolactin secretion and reproductive activity in the weaned sow. Shaw HJ, et al. **J Reprod Fertil** 1985 Sep;75(1):17–28

LHRH [letter] Glode LM, et al. **JAMA** 1985 Jul 26; 254(4):506–7

Comparison of the effects of neuropeptide Y and adrenergic transmitters on LH release and food intake in male rats. Allen LG, et al. **Life Sci** 1985 Aug 19;37(7):617–23

Luteinizing hormone releasing hormone mediates naloxone's effects on serum luteinizing hormone levels in normal and morphine–sensitized male rats. Cicero TJ, et al. **Life Sci** 1985 Aug 5;37(5):467–74

Enhancement of opiate–induced depressions in serum luteinizing hormone levels by the prior administration of naloxone in the male rat. Cicero TJ, et al. **Life Sci** 1984 Sep 17;35(12):1321–8

Intrahypothalamic action of corticotrophin–releasing factor (CRF) to inhibit growth hormone and LH release in the rat. Ono N, et al. **Life Sci** 1984 Sep 3;35(10):1117–23

Effects of the 1,5–benzodiazepine clobazam on pituitary hormones in the male rat. Valli M, et al. **Methods Find Exp Clin Pharmacol** 1985 Apr;7(4):179–81

Effects of marijuana on neuroendocrine hormones in human males and females. Mendelson JH, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;44:97–114 (80 ref.)

Effects on plasma luteinizing hormone and follicle–stimulating hormone of varying the frequency and amplitude of gonadotropin–releasing hormone pulses in ovariectomized ewes with hypothalamo–pituitary disconnection. Clarke IJ, et al. **Neuroendocrinology** 1984 Sep;39(3):214–21

The antiestrogen LY117018 blocks effects of estradiol on pituitary glucose–6–phosphate dehydrogenase specific activity and on serum LH. Gordon MN, et al. **Neuroendocrinology** 1985 May;40(5):381–4

Medial preoptic area involvement in norepinephrine–induced suppression of pulsatile luteinizing hormone release in ovariectomized rats. Leipheimer RE, et al. **Neuroendocrinology** 1985 Apr;40(4):345–51

A detailed examination of the in vivo and in vitro effects of ACTH on gonadotropin secretion in the adult rat. Mann DR, et al. **Neuroendocrinology** 1985 Apr;40(4):297–302

Altered sensitivity to an opiate antagonist, naloxone, in hyperprolactinemic male rats. Sweeney CA, et al. **Neuroendocrinology** 1985 Jul;41(1):1–6

Activity–wheel stress: effects on brain monoamines and the pituitary–gonadal axis. Hellhammer DH, et al. **Neuropsychobiology** 1984;11(4):251–4

Blind, olfactory bulbectomized female rats do not have daily luteinizing hormone surges. Pieper DR, et al. **Neurosci Lett** 1985 Mar 15;54(2–3):295–9

Clinical value of biological activity of serum luteinizing hormone in patients with ovulatory failure. Kuramoto T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):793–8

Effect of suckling on serum prolactin, luteinizing hormone, follicle–stimulating hormone, and estradiol during prolonged lactation. Battin DA, et al. **Obstet Gynecol** 1985 Jun;65(6):785–8

Pituitary–gonadal function in Klinefelter syndrome before and during puberty. Salbenblatt JA, et al. **Pediatr Res** 1985 Jan;19(1):82–6

Effects of exercise training on brain opioid peptides and serum LH in female rats. Blake MJ, et al.

Peptides (Fayetteville) 1984 Sep–Oct;5(5):953–8

Quantitative and qualitative effects of ethanol on the LHRH–LH axis of the rat. Dees WL, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:209–13

Alcohol effects on plasma luteinizing hormone levels in menopausal women. Mendelson JH, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):233–6

Acute endocrine correlates of attack by lactating females in male mice: effects on plasma prolactin, luteinizing hormone and corticosterone levels. Broida J, et al. **Physiol Behav** 1984 May;32(5):891–3

The influence of pharmacological manipulation of serotonin on serum growth hormone and luteinizing hormone levels in young turkeys (Meleagris gallopavo). Fehrer SC, et al. **Poult Sci** 1985 Jul;64(7):1356–62

The effect of aminoglutethimide on steroid secretion, ovulation, and luteinizing hormone release in the hen. Lang GF, et al. **Poult Sci** 1984 Sep;63(9):1861–71

Neuropeptide Y affects secretion of luteinizing hormone and growth hormone in ovariectomized rats. McDonald JK, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):561–4

Simultaneous radioimmunoassay for luteinizing hormone and prolactin. Steele MK, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):101–4

LH-RH antagonists––mechanisms of action. van Rees GP. **Prog Clin Biol Res** 1985;185A:155–9

Hormonal responses to zimelidine and desipramine in depressed patients. Calil HM, et al. **Psychiatry Res** 1984 Nov;13(3):231–42

Estrogen positive feedback on LH secretion in transsexuality. Gooren LJ, et al. **Psychoneuroendocrinology** 1984; 9(3):249–59

A comparison of the changes in LH, FSH and testosterone in spring-born ram lambs of two different breeds. Lafortune E, et al. **Reprod Nutr Dev** 1984;24(6):947–52

Variations in the plasma levels of gonadotrophin and testosterone and in Leydig and Sertoli cell populations between birth and adulthood in Romanov lambs born in spring or autumn. Lafortune E, et al. **Reprod Nutr Dev** 1984;24(6):937–46

Effects of sulpiride on levels of FSH, LH and steroid hormones. Ruiz E, et al. **Rev Esp Fisiol** 1984 Jun; 40(2):243–8

Organophosphorus insecticide induced decrease in plasma luteinizing hormone concentration in white-footed mice. Rattner BA, et al. **Toxicol Lett** 1985 Jan;24(1):65–9

LH and progesterone concentrations in heifers [letter] MacFarlane JS. **Vet Rec** 1985 Mar 16;116(11):302–3

[Correlation between bioactive and immunoactive serum luteinizing hormones in the normal menstrual cycle] Shi SQ. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):151–3 (Eng. Abstr.) **(Chi)**

[Comparison of hormonal levels of LH and FSH with cytogenetic findings in patients with gonadal dysgenesis] Santavý J, et al. **Bratisl Lek Listy** 1985 May;83(5):485–92 (Eng. Abstr.) **(Cze)**

[Rapid RIA of LH for the prediction of ovulation] Fingerová H, et al. **Cesk Gynekol** 1984 Jul;49(6):408–17 (Eng. Abstr.) **(Cze)**

[Activity of clobazam on plasma prolactin and gonadotropins after administration of sulpiride in the male rat] Valli M, et al. **Ann Endocrinol (Paris)** 1984;45(6):409–11 (Eng. Abstr.) **(Fre)**

[Changes in LH, FSH, PRL and estradiol after perfusion with naloxone in normal and amenorrheic women] Gandar R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(7):765–9 (Eng. Abstr.) **(Fre)**

[Gonadotropin stimulation during LH/RH analog-induced inhibition of pituitary function] Bettendorf G, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):431–7 (Eng. Abstr.) **(Ger)**

[Estradiol, luteinizing hormone, testosterone and sex hormone-binding globulin in the clomiphene-induced menstrual cycle] Huber H, et al. **Gynakol Rundsch** 1985; 25(1):23–30 **(Ger)**

[Relations between spermatozoa density of germ cells of the testis and hormone analyses (especially FSH) in patients with oligozoospermia)] Schütte B. **Urologe [Ausg A]** 1984 Nov;23(6):334–7 (Eng. Abstr.) **(Ger)**

[Hypergonadotropic amenorrhea following laparoscopic tubal sterilization] Kowatsch AW, et al. **Wien Klin Wochenschr** 1985 May 24;97(11):504–5 (Eng. Abstr.) **(Ger)**

[Inappropriate gonadotropin secretion in the polycystic ovary syndrome] Pilotti L, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1885–90 (Eng. Abstr.) **(Ita)**

[Influence of L-5-hydroxytryptophan on the secretion of prolactin and on plasma levels of gonadotropins] Bellanca L, et al. **Clin Ter** 1984 Jun 15;109(5):429–32 (Eng. Abstr.) **(Ita)**

[Influence of nifedipine on blood calcium and on the plasma levels of FSH and LH. Clinical contribution] Manfredi M, et al. **Clin Ter** 1984 Jun 15;109(5):451–3 (Eng. Abstr.) **(Ita)**

[Findings on the hypophyseal-gonadal axis in women with Mediterranean anemia] Mantouvalos H, et al. **Minerva Ginecol** 1984 Jul–Aug;36(7–8):377–80 (Eng. Abstr.) **(Ita)**

[Longitudinal studies on gonadotropin levels in patients with Turner's syndrome and patients with prepubertal castration] Maesaka H, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):706–15 (Eng. Abstr.) **(Jpn)**

[The effects of bromocriptine on anovulatory patients with high LH and euprolactinemia] Mori H, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):48–55 (Eng. Abstr.) **(Jpn)**

[The physiological significance of the hippocampus on the inhibitory effects of corticosterone upon the estradiol-induced LH and FSH surges in rats] Nagase M. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1255–68 (Eng. Abstr.) **(Jpn)**

[Bio- and immunoactive luteinizing hormone in negative feedback action of gonadal steroids] Takahashi A. **Nippon Naibunpi Gakkai Zasshi** 1985 May 20;61(5):605–18 (Eng. Abstr.) **(Jpn)**

[Biological and immunological characterization of human luteinizing hormone in plasma discharged by LH-RH infusion in normal adult women] Yano M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):703–12 (Eng. Abstr.) **(Jpn)**

[Blood hormone levels in persons of various blood groups] Iakovlev GM, et al. **Voen Med Zh** 1985 Apr;(4):74–6 **(Rus)**

[Correlation between the thyroxine, 17-beta-estradiol and luteinizing hormones in the systemic circulation and the rectal and vaginal temperature in heifers and cows after administration of cloprostenol] Elečko J, et al. **Vet Med (Praha)** 1985 May;30(5):257–66 (Eng. Abstr.) **(Slo)**

[Plasma levels of LH and testosterone in male rats subjected peripheral de-afferentation of the vomeronasal system] Sánchez-Criado JE, et al. **Rev Esp Fisiol** 1984 Sep; 40(3):359–63 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

LH and FSH in human cerebrospinal fluid. Coculescu M, et al. **Physiologie** 1985 Jan–Mar;22(1):21–37

DEFICIENCY

Idiopathic post-pubertal LH deficiency. Cunningham GR. **Ann NY Acad Sci** 1984;438:497–500

Effects of luteinizing hormone withdrawal on Leydig cell smooth endoplasmic reticulum and steroidogenic reactions which convert pregnenolone to testosterone. Wing TY, et al. **Endocrinology** 1984 Dec;115(6):2290–6

GENETICS

Distribution of the ABO and LH blood groups in the Jat Sikh and Harijans (Punjab, India). Kaur I, et al. **Anthropol Anz** 1984 Dec;42(4):315–8

Further characterization of the porcine LH subunits precursors in the translation products of pituitary RNAs. Pascal O, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):383–7

Luteinizing hormone beta-subunit mRNA amounts increase during the preovulatory surge of luteinizing hormone in the ewe: the highest levels are observed at the completion of the peak. Landefeld T, et al. **DNA** 1985 Jun;4(3):249–54

The gene encoding the beta-subunit of rat luteinizing hormone. Analysis of gene structure and evolution of nucleotide sequence. Jameson L, et al. **J Biol Chem** 1984 Dec 25;259(24):15474–80

Pituitary alpha subunit mRNA amounts during the sheep estrous cycle. Assessment by cDNA hybridizations. Landefeld TD, et al. **J Biol Chem** 1984 Oct 25; 259(20):12817–20

Analysis of several bovine lutropin beta subunit cDNAs reveals heterogeneity in nucleotide sequence. Maurer RA. **J Biol Chem** 1985 Apr 25;260(8):4684–7

The gene for the beta subunit of bovine luteinizing hormone encodes a gonadotropin mRNA with an unusually short 5'-untranslated region. Virgin JB, et al. **J Biol Chem** 1985 Jun 10;260(11):7072–7

Structure, expression, and evolution of the genes for the human glycoprotein hormones. Fiddes JC, et al. **Recent Prog Horm Res** 1984;40:43–78 (62 ref.)

IMMUNOLOGY

Antibodies against the beta-subunit of ovine luteinizing hormone can decrease the clearance of human chorionic gonadotropin in rhesus monkeys. Yamamoto Y, et al. **Am J Reprod Immunol** 1984 Jun;5(4):164–70

On the immunogenicity of the beta subunit of ovine luteinizing hormone (oLH beta) and equine chorionic gonadotropin (eCG) in the chimpanzee (Pan troglodytes): effect of antiserum on monkey cycle and early pregnancy. Moudgal NR, et al. **Am J Reprod Immunol Microbiol** 1985 Aug;8(4):120–4

Further studies on the localization of angiotensin-II-like immunoreactivity in the anterior pituitary gland of the male rat, comparing various antisera to pituitary hormones and their specificity. Deschepper CF, et al. **Neuroendocrinology** 1985 Jun;40(6):471–5

ISOLATION & PURIFICATION

Application of the peroxidase-antiperoxidase procedure to the localization of pituitary hormones and calcitonin in various domestic animals and human beings. Sandusky GE Jr, et al. **Am J Vet Res** 1985 Mar;46(3):739–41

Characterization of rat lutropin charge microheterogeneity using chromatofocusing. Keel BA, et al. **Anal Biochem** 1984 Nov 1;142(2):267–70

METABOLISM

Divergent effects on LH and FSH synthesis and release from intact female rat pituitary glands in vitro by methylxanthines, cyclic AMP derivatives and sodium fluoride. Jenner AA, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):315–9

Pituitary LH responsiveness to GnRH in vitro as related to GnRH receptor number. Baldwin DM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E651–6

Role of the kidney in metabolism of gonadotropins in rats. Emmanouel DS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E786–92

Performance of LH pulse-detection algorithms at rapid rates of venous sampling in humans. Veldhuis JD, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E554–63

Diacylglycerols release LH: structure-activity relations reveal a role for protein kinase C. Conn PM, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):532–9

Synergistic stimulation of luteinizing hormone (LH) release by protein kinase C activators and Ca2+-ionophore. Naor Z, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):848–53

Concentrations of steroids and gonadotropins in follicular fluid from normal heifers and heifers primed for superovulation. Fortune JE, et al. **Biol Reprod** 1985 Jun; 32(5):1069–79

Effect of a seminal inhibin-like factor on in vivo FSH and LH uptake by rat testis. Lugaro G, et al. **Cell Biol Int Rep** 1984 Oct;8(10):811

Immunocytochemical demonstration of mammalian lutropin-like material in the pituitary of the lungfish, Lepidosiren paradoxa. Hansen GN, et al. **Cell Tissue Res** 1985;239(2):355–8

Mitotic activity of gonadotropes in the anterior pituitary of the castrated male rat. Inoue K, et al. **Cell Tissue Res** 1985; 240(2):271–6

A correlative radioimmunoassay and immunohistochemical study of LHRH-induced LH depletion in the anterior pituitary of male and female neonatal rats in vitro. Watanabe YG, et al. **Cell Tissue Res** 1985;240(1):95–100

Absence of effect of the peptide PHI-27 on LH release in vitro. Miyake A, et al. **Endocrinol Jpn** 1984 Dec;31(6):821–4

Subpopulations of luteinizing hormone (LH) possessing various ratios of bioactivity to immunoreactivity in the female rat pituitary glands and their changes during the estrous cycle. Uchida H, et al. **Endocrinol Jpn** 1984 Oct; 31(5):605–18

LH and FSH levels in serum and cerebrospinal fluid (CSF) of human fetus. Temeli E, et al. **Endocrinologie** 1985 Jan–Mar;23(1):55–9

Progesterone modulation of the luteinizing hormone surge: regulation of hypothalamic and pituitary progestin receptors. Attardi B. **Endocrinology** 1984 Dec; 115(6):2113–22

Evidence for two populations of masked gonadotropin-binding sites in the corpus luteum of the rhesus monkey (Macaca mulatta). Danforth DR, et al. **Endocrinology** 1985 Aug;117(2):747–54

Modulation of membrane fluidity in the primate (Macaca mulatta) corpus luteum: correlation with changes in gonadotropin binding. Danforth DR, et al. **Endocrinology** 1985 Aug;117(2):755–61

Lack of ovarian steroid negative feedback on pulsatile luteinizing hormone release between estrus and diestrous day 1 in the rat estrous cycle. Gallo RV, et al. **Endocrinology** 1985 Apr;116(4):1525–8

Characterization of rat pituitary luteinizing hormone charge microheterogeneity in male and female rats using chromatofocusing: effects of castration. Keel BA, et al. **Endocrinology** 1985 Jul;117(1):354–60

Luteinizing hormone (LH) receptor aggregation: modification of ferritin-LH binding and aggregation by prostaglandin F2 alpha and ferritin-LH. Luborsky JL, et al. **Endocrinology** 1984 Dec;115(6):2217–26

Differences in the lateral mobility of receptors for luteinizing hormone (LH) in the luteal cell plasma membrane when occupied by ovine LH versus human chorionic gonadotropin. Niswender GD, et al. **Endocrinology** 1985 Jan;116(1):164–9

A simple and rapid method using polyethylenimine-treated filters for assay of solubilized LH/hCG receptors. Roche PC, et al. **Endocrinology** 1985 Aug;117(2):790–2

Pulsatile luteinizing hormone release, and the inhibitory effect of estradiol-17 beta in gonadectomized male and female rats: effects of neonatal androgen or exposure to constant light. Watts AG, et al. **Endocrinology** 1984 Dec; 115(6):2251–9

An increase in single unit activity of the medial basal hypothalamus occurs during the progesterone-induced luteinizing hormone surge in the female rhesus monkey. Yeoman RR, et al. **Endocrinology** 1984 Dec;115(6):2445–52

A rapid RIA for LH in serum and first morning void urine––application in an AID programme. Umapathysivam K, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan; 19(1):31–5

Plasma and pituitary concentrations of LH, FSH and prolactin in aging Mongolian gerbils. Parkening TA, et al. **Exp Gerontol** 1984;19(6):359–65

The influence of thyrotropin releasing hormone on in vivo prolactin release and in vitro prolactin, luteinizing hormone, and growth hormone release from dispersed pituitary cells of the young turkey (Meleagris gallopavo). Fehrer SC, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):64–72

Hypothalamic and serum factors influence on prolactin and luteinizing hormone release by the pituitary gland of the young turkey (Meleagris gallopavo). Fehrer SC, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):73–81

Effects of chicken (Gln8)– and mammalian (Arg8)–luteinizing hormone–releasing hormones on the release of gonadotrophins in vitro and in vivo from the adenohypophysis of Japanese quail. Hattori A, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):155–61

Reevaluation of the relative activities of the pituitary glycoprotein hormones (follicle–stimulating hormone, luteinizing hormone, and thyrotrophin) from the green sea turtle, Chelonia mydas. Licht P, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):443–51

Pituitary concentrations of gonadotropins and receptors for GnRH in suckled beef cows at various intervals after calving. Moss GE, et al. **J Anim Sci** 1985 Jan;60(1):285–93

LHRH receptor, LH and FSH concentrations in anterior pituitaries of cycling, noncycling and early pregnant heifers. Schoenemann HM, et al. **J Anim Sci** 1985 Feb;60(2):532–6

Na+ modulates the affinity of the lutropin/choriogonadotropin receptor. Buettner K, et al. **J Biol Chem** 1984 Dec 25;259(24):15078–84

The porcine LH/hCG receptor. Characterization and purification. Wimalasena J, et al. **J Biol Chem** 1985 Sep 5;260(19):10689–97

The passage of 5 alpha–dihydrotestosterone from serum into cerebrospinal fluid and LH negative feedback in castrated rhesus monkeys. Abbott DH, et al. **J Endocrinol** 1985 Mar;104(3):325–30

Avian gonadotropin receptors: a comparative view. Ishii S, et al. **J Exp Zool** 1984 Dec;232(3):431–4

Radioimmunoassay of luteinizing hormone in the baboon (Papio hamadryas). Khan SA, et al. **J Med Primatol** 1985;14(3):143–57

Pheromonally induced release of luteinizing hormone in male mice: involvement of the vomeronasal system. Coquelin A, et al. **J Neurosci** 1984 Sep;4(9):2230–6

Effects of fasting on luteinizing hormone dynamics in the male rat. Badger TM, et al. **J Nutr** 1985 Jun;115(6):788–97

Effects of total parenteral nutrition on luteinizing hormone dynamics in the male rat. Badger TM. **J Nutr** 1985 Jun;115(6):798–806

Effects of different numbers of ectopic pituitary transplants on regulation of testicular LH/hCG and prolactin receptors in the hamster (Mesocricetus auratus). Amador A, et al. **J Reprod Fertil** 1985 Mar;73(2):483–9

GnRH pulse frequency determines LH pulse amplitude by altering the amount of releasable LH in the pituitary glands of ewes. Clarke IJ, et al. **J Reprod Fertil** 1985 Mar;73(2):425–31

Differential patterns in luteal prolactin and LH receptors during pregnancy in sows and ewes. Jammes H, et al. **J Reprod Fertil** 1985 Jan;73(1):27–35

Direct evidence for de-novo synthesis of LH receptors in cultured pig granulosa cells in response to FSH. Loeken MR, et al. **J Reprod Fertil** 1985 Mar;73(2):343–51

High correlation between prolactinemia, 125-I hLH binding and progesterone secretion by an experimental luteoma. Lux VA, et al. **Life Sci** 1984 Dec 3;35(23):2345–52

Opiate–mediated control of luteinizing hormone in the male: role in the development of narcotic tolerance and physical dependence. Cicero TJ. **Natl Inst Drug Abuse Res Monogr Ser** 1984;54:184–208 (44 ref.)

Subcellular localization of hypothalamic luteinizing hormone. Emanuele N, et al. **Neuroendocrinology** 1985 Apr;40(4):339–44

Effect of locus ceruleus lesion on luteinizing hormone secretion under different experimental conditions. Franci JA, et al. **Neuroendocrinology** 1985 Jul;41(1):44–51

In vitro LH release and cAMP accumulation induced by synthetic GnRH derivatives. Nikolics K, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):1001–6

Leukotriene C4 as a mediator of luteinizing hormone release from rat anterior pituitary cells. Hulting AL, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3834–8

Effects of prostaglandin E1 or E2 (PGE1; PGE2) on luteal function and binding of luteinizing hormone in nonpregnant ewes. Weems CW, et al. **Prostaglandins** 1985 Feb;29(2):161–73

Concentrations of luteinising hormone and progesterone in pregnant and non-pregnant heifers. Roche JF, et al. **Vet Rec** 1985 Feb 9;116(6):153–5

PHARMACODYNAMICS

Comparison between the effects of FSH and LH on the steroidogenic pattern in isolated pre-ovulatory rat follicles. Carlsson B, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):557–64

Effects of FSH and LH on adenylate cyclase activity in rat granulosa cell membranes during follicular maturation. Nordenström K, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):258–65

The importance of the FSH/LH ratio in ovarian stimulation therapy regime for in vitro fertilization. Bhat AM, et al. **Acta Eur Fertil** 1984 Nov-Dec;15(6):449–53

Is cAMP the obligatory second messenger in the action of lutropin on Leydig cell steroidogenesis. Themmen AP, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1164–72

Cell-free lutropin–dependent desensitization of the lutropin–sensitive adenylate cyclase of pig ovarian follicles is dependent on ATP. Kuemmerle SC, et al. **Biochem J** 1984 Nov 1;223(3):561–9

Influence of follicular maturation on luteinizing hormone–, cyclic 3',5'–adenosine monophosphate–, forskolin– and cholesterol–stimulated progesterone production in hen granulosa cells. Asem EK, et al. **Biol Reprod** 1985 Mar;32(2):257–68

Study of the luteinizing hormone–induced increase of ovarian blood flow during the estrous cycle in the rat. Varga B, et al. **Biol Reprod** 1985 Apr;32(3):480–8

Effect of lipoproteins, 25–hydroxycholesterol and luteinizing hormone on in vitro follicular steroidogenesis in the hamster and rat. Wang SC, et al. **Biol Reprod** 1984 Sep;31(2):271–9

The effect of an LH pulse on 3H–thymidine incorporation into cultured ovaries of metestrous rats. Peluso JJ, et al. **Cell Tissue Res** 1984;238(1):159–63

Effect of androgens and gonadotropins on progesterone secretion of chicken granulosa cells. Phillips A, et al. **Comp Biochem Physiol** [A] 1985;81(4):847–52

Release of progesterone by porcine luteal cells from different days of estrous cycle: effect of LH, PRL and PGF2 alpha. Grażul A. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):117–28

Comparison of in vitro follicle–stimulating hormone (FSH) activity of equine gonadotropins (luteinizing hormone, FSH, and chorionic gonadotropin) in male and female rats. Combarnous Y, et al. **Endocrinology** 1984 Nov;115(5):1821–7

Multihormone regulation of steroidogenesis in cultured porcine granulosa cells: studies in serum–free medium. Lino J, et al. **Endocrinology** 1985 Jun;116(6):2143–51

Priming procedure and hormone preparations influence rat granulosa cell response. Liu WK, et al. **Endocrinology** 1985 Apr;116(4):1454–9

Prostaglandin F2 alpha inhibits luteinizing hormone (LH)–induced increase in LH receptor binding to isolated rat luteal cells. Luborsky JL, et al. **Endocrinology** 1984 Dec;115(6):2210–6

Progesterone production by ectopic corpora lutea is independent of luteinizing hormone–stimulated adenylyl cyclase during early luteal development in the rabbit. Miller JB, et al. **Endocrinology** 1984 Nov;115(5):1990–5

Adenosine differentially amplifies luteinizing hormone– over follicle–stimulating hormone–mediated effects in acute cultures of rat granulosa cells. Ohkawa R, et al. **Endocrinology** 1985 Jul;117(1):248–54

Effects of glucocorticoids on responsiveness of luteinizing hormone and follicle–stimulating hormone to gonadotropin–releasing hormone by male rat pituitary cells in vitro. Suter DE, et al. **Endocrinology** 1985 Sep;117(3):855–9

In vitro fertilization and embryo transfer of rabbit oocytes collected at different times after P–LH injection. Al–Hasani S, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Aug;17(6):417–23

Effects of follicle–stimulating hormone, luteinizing hormone and prolactin on left and right gonads of female chick embryos in culture. Grassi Milano E. **Exp Cell Biol** 1984;52(5):326–32

Rapid in vitro desensitization of the testosterone response in rat Leydig cells by sub-active concentrations of porcine luteinizing hormone. Guillou F, et al. **FEBS Lett** 1985 May 6;184(1):6–9

Effect of phorbol ester and phospholipase C on LH–stimulated steroidogenesis in purified rat Leydig cells. Papadopoulos V, et al. **FEBS Lett** 1985 Sep 2;188(2):312–6

Stimulatory effects of follicle–stimulating hormone and luteinizing hormone upon secretion of progesterone and inhibin activity by cultured infant human ovarian granulosa cells. Channing CP, et al. **Fertil Steril** 1984 Oct;42(4):598–605

Changes in intratesticular testosterone, cytoplasmic androgen receptors and ABP content of the ram testis after a single endogenous pulse of LH. Monet–Kuntz C, et al. **Int J Androl** 1985 Apr;8(2):129–38

Plasminogen activator in the rat ovary. Production and gonadotropin regulation of the enzyme in granulosa and thecal cells. Canipari R, et al. **J Biol Chem** 1985 Apr 25;260(8):5121–5

Effects of luteinizing hormone on phosphoinositide metabolism in rat granulosa cells. Davis JS, et al. **J Biol Chem** 1984 Dec 25;259(24):15028–34

Luteinizing hormone and cyclic AMP–mediated induction of microsomal cytochrome P–450 enzymes in cultured mouse Leydig cells. Malaska T, et al. **J Biol Chem** 1984 Oct 10;259(19):11654–7

Induction of ovulation in vitro in the hen: dependency of the response to LH on age and rate of lay. Moudgal RP, et al. **J Endocrinol** 1985 Jul;106(1):67–9

Effects of gonadotrophins on progesterone production by isolated granulosa cells of the adenohypophysectomized domestic fowl (Gallus domesticus). Ogawa K, et al. **J Reprod Fertil** 1985 Jan;73(1):79–84

Effect of LH on progesterone and oestradiol production in vivo and in vitro by preovulatory rat follicles. Uilenbroek JT. **J Reprod Fertil** 1985 May;74(1):303–10

Lutropin stimulates de novo synthesis of short-lived proteins required for lutropin–dependent steroid production in tumour Leydig cells. Bakker GH, et al. **J Steroid Biochem** 1985 Mar;22(3):311–4

Differences between the regulation of cholesterol side–chain cleavage in Leydig cells from mice and rats. Brinkmann AO, et al. **J Steroid Biochem** 1984 Sep;21(3):259–64

Are polyphosphorylated phospholipids involved in the hormonal control of cholesterol side–chain cleavage activity in tumour Leydig cells? Terpstra P, et al. **J Steroid Biochem** 1985 Jun;22(6):773–80

Effect of luteinizing hormone on RNA synthesis in Leydig cells of immature rats. Valladares LE, et al. **J Steroid Biochem** 1984 Oct;21(4):443–6

Hormonal regulation of activities of 4–ene–5 beta– and 5 alpha–reductases and 17 beta–hydroxy–dehydrogenase in immature golden hamster testis. Yabumoto H, et al. **J Steroid Biochem** 1985 Apr;22(4):495–9

The effects of gonadotropins on metabolism of isolated rat granulosa cells. Foreman D, et al. **Life Sci** 1984 Sep 17;35(12):1273–9

Hybrids from equine LH: alpha enhances, beta diminishes activity. Bousfield GR, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):69–77

Influence of follicular atresia on LH–induced cAMP and steroid synthesis by bovine thecae interna. McNatty KP, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):209–15

Functional characterization of luteinizing hormone responsiveness and desensitization in perifused interstitial cells. Wu FC, et al. **Mol Cell Endocrinol** 1985 Apr;40(1):45–56

Changes of body temperature related to oviposition and ovulation induced by LH in the domestic hen. Kadono H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):55–61

Prostaglandins involvement in the formation of luteinized unruptured follicles in the cyclic female rat. Plas–Roser S, et al. **Prostaglandins** 1985 Feb;29(2):243–53

Metabolism of (3H) 5 alpha–androstane–3 alpha, 17 beta–diol by cultures of isolated rat sertoli cells and the effect of LH and FSH. Tcholakian RK, et al. **Steroids** 1984 Apr;43(4):457–67

PHYSIOLOGY

Trophic influences of luteinizing hormone on steroidogenesis by Percoll–separated rat Leydig cells in culture. Bordy MJ, et al. **Ann NY Acad Sci** 1984;438:329–45

Control of steroidogenesis in Leydig cells: roles of Ca2+ and lipoxygenase products in LH and LHRH agonist action. Cooke BA, et al. **Ann NY Acad Sci** 1984;438:269–82

Relationship between luteinizing hormone and decidual luteotropin in the maintenance of luteal steroidogenesis. Jayatilak PG, et al. **Biol Reprod** 1984 Oct;31(3):556–64

Influence of bilateral cryptorchidism on rat pituitary luteinizing hormone charge microheterogeneity. Keel BA, et al. **Biol Reprod** 1985 Feb;32(1):83–9

Binding of high–density lipoproteins to luteal membranes: the role of prolactin, luteinizing hormone, and circulating lipoproteins. Rajkumar K, et al. **Biol Reprod** 1985 Apr;32(3):546–55

Effect of follicular fluid treatment on follicle–stimulating hormone, luteinizing hormone and compensatory ovarian hypertrophy in prepuberal gilts. Redmer DA, et al. **Biol Reprod** 1985 Feb;32(1):111–9

The role of gonadotropins in the selection of the preovulatory follicle. Zeleznik AJ, et al. **Clin Obstet Gynecol** 1984 Dec;27(4):927–40

Homologous regulation of hormone receptors: luteinizing hormone increases its own receptors in cultured rat granulosa cells. Jia XC, et al. **Endocrinology** 1984 Dec;115(6):2433–9

Effects of neutralization of luteinizing hormone on corpus luteum function and cyclicity in Macaca fascicularis. Groff TR, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1054–7

Stimulation of sperm production by human luteinizing hormone in gonadotropin–suppressed normal men. Matsumoto AM, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):882–7

Peripubertal changes in the nature of LH. Buckingham JC, et al. **J Endocrinol** 1985 Feb;104(2):173–7

Influence of growth hormone, corticosterone, corticotrophin and changes in the environmental temperature on pituitary–ovarian function in the immature rat. Wilson CA, et al. **J Endocrinol** 1985 Feb;104(2):179–83

Changes in pituitary and ovarian LHRH receptors after active immunization of female rats against LH or LHRH. Popkin RM, et al. **J Reprod Fertil** 1985 Mar;73(2):491–6

Effects of age and luteinizing hormone antiserum on human chorionic gonadotropin–stimulated testosterone secretion in young male rats. Lin YC, et al. **Life Sci** 1985 Aug 5;37(5):481–8

A role for glycosylation of the alpha subunit in transduction of biological signal in glycoprotein hormones. Sairam MR, et al. **Science** 1985 Jul 5;229(4708):65–7

[Role of gonadotropic hormones in the radiation response of the testis] Mamina VP. **Radiobiologiia** 1985 Jan-Feb;25(1):129–31 (Eng. Abstr.) **(Rus)**

SECRETION

Biphasic modulation of pituitary sensitivity to GnRH by oestrogens: the effects of A– and D–ring substitution on LH release in cultured pituitary cells. Emons G, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):317–27

Enhanced hypothalamic dopaminergic inhibition of LH, TSH and GH release in patients with pathological hyperprolactinaemia. Ho KY, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):289-96

Restoration of LH pulsatility in patients with prolactinomas after trans-sphenoidal surgery. Koizumi K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):433-8

Suppressive effect of prolactin on oestrogen-induced secretion of LH by sequentially perifused rat hypothalamus-pituitary. Lee JW, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):151-5

Naloxone administration does not affect gonadotrophin secretion in male patients with isolated hypogonadotrophic hypogonadism. Maggi M, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):153-7

Prolactin inhibits oestradiol-induced luteinizing hormone release at the pituitary level. Miyake A, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):204-7

Involvement of norepinephrine in pituitary LH release induced by oestradiol in vitro. Miyake A, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):199-203

Epidermal growth factor stimulates secretion of rat pituitary luteinizing hormone in vitro. Miyake A, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):175-8

Sexual differences in the effect of serotonin on LH secretion in rats. Moguilevsky JA, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):320-5

Possible site of negative and positive feedback action of oestrogen on gonadotrophin secretion in normal women. Nagahara Y, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):440-4

Gonadotrophins and ovarian steroids in cattle. I. Pulsatile changes of concentrations in the jugular vein throughout the oestrous cycle. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):312-21

Gonadotrophins and ovarian steroids in cattle. II. Pulsatile changes of concentrations in the jugular vein throughout pregnancy. Schallenberger E, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):322-30

Sex-dependent endorphinergic and adrenergic control mechanisms of luteinizing hormone secretion in immature rats. Schulz R, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):198-203

Effect of pretreatment of long-term ovariectomized (OVX) rats with a competitive LRH antagonist on FSH release in vitro. van Dieten JA, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):481-4

Effect of pretreatment of long-term ovariectomized rats with an LRH antagonist on LH release in vitro by LRH, elevated K+ or N6-monobutyryl adenosine 3',5'-monophosphate (mbcAMP) plus theophylline. van Rees GP, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):331-7

Differential effects of ethanol on luteinizing hormone, follicle stimulating hormone and prolactin secretion in the female rat. Dees WL, et al. **Alcohol** 1984 Nov-Dec;1(6):429-33

Effect of methyldopa on menopausal flushes, skin temperature, and luteinizing hormone secretion. Tulandi T, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):709-12

Effect of naloxone on menopausal flushes, skin temperature, and luteinizing hormone secretion. Tulandi T, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):277-80

Decreased in vitro secretion of LH, FSH, and free alpha-subunits by pituitary cells from old male rats. Blackman MR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E145-51

Minimizing false-positive errors in hormonal pulse detection. Veldhuis JD, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E475-81

The effect of seminal plasma on gonadotrophin secretion by sheep pituitary cells in culture. Gray IP, et al. **Andrologia** 1984 Sep-Oct;16(5):482-5

Monitoring the LH surge by ultrarapid and highly sensitive immunofluorometric assay. Stenman UH, et al. **Ann NY Acad Sci** 1985;442:544-50

Modulation of the pulsatile release of biologically active luteinizing hormone by endogenous opiates. Veldhuis JD, et al. **Ann NY Acad Sci** 1984;438:485-9

Effects of pulsatile infusion of luteinizing hormone-releasing hormone on luteinizing hormone secretion and ovarian function in hypophysial stalk-transected beef heifers. Awotwi EK, et al. **Biol Reprod** 1984 Dec;31(5):989-99

Coital stimuli controlling luteinizing hormone secretion and ovulation in the female ferret. Carroll RS, et al. **Biol Reprod** 1985 May;32(4):925-33

Endocrine mechanisms of puberty in heifers: estradiol negative feedback regulation of luteinizing hormone secretion. Day ML, et al. **Biol Reprod** 1984 Sep;31(2):332-41

Dose-dependent inhibition of the preovulatory surges of gonadotropins and prolactin by the antiestrogen CI-628: possible sites of action. De Paolo LV. **Biol Reprod** 1985 May;32(4):745-52

Testosterone administration to ovariectomized female rhesus monkeys (Macaca mulatta) reduces the frequency of pulsatile luteinizing hormone secretion. Dubey AK, et al. **Biol Reprod** 1985 Jun;32(5):1109-15

Changing frequency of pulsatile luteinizing hormone and progesterone secretion during the luteal phase of the menstrual cycle of rhesus monkeys. Ellinwood WE, et al **Biol Reprod** 1984 Nov;31(4):714-22

Postpartum preovulatory surge of gonadotropin secretion in the rat may be initiated by the labor process. Fox SR, et al. **Biol Reprod** 1984 Nov;31(4):619-26

Effect of suckling and ovariectomy on the control of luteinizing hormone secretion during the postpartum period in beef cows. Garcia-Winder M, et al. **Biol Reprod** 1984 Nov;31(4):771-8

Changes in luteinizing hormone-releasing hormone content of discrete hypothalamic areas associated with spontaneous and induced preovulatory luteinizing hormone surges in the domestic hen. Johnson AL, et al. **Biol Reprod** 1985 May;32(4):813-9

Selective release of follicle-stimulating hormone and luteinizing hormone by 5 alpha-dihydroprogesterone and 3 alpha, 5 alpha-tetrahydroprogesterone in pregnant mare's serum gonadotropin-primed immature rats exposed to constant light. Murphy LL, et al. **Biol Reprod** 1985 May;32(4):795-803

Hormonal correlates of photoperiod-induced puberty in a reflex ovulator, the female ferret (Mustela furo). Ryan KD. **Biol Reprod** 1984 Dec;31(5):925-35

Do endogenous opioid peptides mediate the effects of photoperiod on release of luteinizing hormone and prolactin in ovariectomized ewes? Schillo KK, et al. **Biol Reprod** 1985 May;32(4):779-87

Reduced pulsatile luteinizing hormone and testosterone secretion with aging in the male rat. Steiner RA, et al. **Biol Reprod** 1984 Sep;31(2):251-8

Factors influencing the progesterone-induced luteinizing hormone surge in rhesus monkeys: diurnal influence and time interval after estrogen. Terasawa E, et al. **Biol Reprod** 1984 Nov;31(4):732-41

Neonatal castration of male and female rats affects luteinizing hormone responses to estrogen during adulthood. Weiland NG, et al. **Biol Reprod** 1984 Dec;31(5):942-9

Effect of number of receptors for gonadotropin-releasing hormone on the release of luteinizing hormone. Wise ME, et al. **Biol Reprod** 1984 Dec;31(5):1007-13

Multiple comparisons in the randomization analysis of designed experiments with growth curve responses. Foutz RV, et al. **Biometrics** 1985 Mar;41(1):29-37

Release of immunoreactive luteinizing hormone (LH) from rat hypothalamus-pars tuberalis explants. Emanuele N, et al. **Brain Res** 1984 Sep 10;309(2):271-6

Role of the septum on LH, FSH and prolactin secretion in male rats. Carreras A, et al. **Brain Res Bull** 1984 Aug;13(2):339-42

Cellular mechanisms of acute estrogen negative feedback on LH secretion: norepinephrine, dopamine and 5-hydroxytryptamine metabolism in discrete regions of the rat brain. Johnston CA, et al. **Brain Res Bull** 1984 Sep;13(3):363-9

Effect of dopamine receptor blockade or norepinephrine synthesis inhibition on acute, ovariectomy-induced increases in pulsatile luteinizing hormone release in the rat. Leipheimer RE, et al. **Brain Res Bull** 1984 Aug;13(2):235-40

Gonadotrophin responses to GnRH in precocious puberty treated with GnRH analogue. Donaldson MD, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):499-503

Determination of the frequency of pulsatile luteinizing hormone secretion by time series analysis. Murdoch AP, et al. **Clin Endocrinol (Oxf)** 1985 Mar;22(3):341-6

The acute effects of a dopamine antagonist (domperidone) on luteinising hormone, follicule stimulating hormone, prolactin and thyrotrophin secretion in polycystic ovarian syndrome: differential effect of ovulation. Murdoch AP, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):611-9

Gonadotrophin-secreting pituitary tumour: report and review. Whitaker MD, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):43-8

Altered pulsatile secretion of luteinizing hormone in hypogonadal men with hyperprolactinaemia. Winters SJ, et al. **Clin Endocrinol (Oxf)** 1984 Sep;21(3):257-63

Gonadotropins pituitary secretion in systemic lupus erythematosus. Lavalle C, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):163-5

Effects of the (imBzl)D-His6, Des-Gly analog of GnRH on gonadotropin and estradiol secretion in normal women. DeFazio J, et al. **Endocr Res** 1984;10(2):163-70

Differential changes in the mechanisms controlling luteinizing hormone and prolactin secretion in middle-aged female rats. Akema T, et al. **Endocrinol Jpn** 1985 Feb;32(1):153-61

Comparative study of the effects of lisuride and pimozide on the preovulatory surge of FSH, LH and prolactin in rat. Kun I, et al. **Endocrinologie** 1984 Jul-Sep;22(3):177-82

Hormone ontogeny in the ovine fetus. XVII. Demonstration of pulsatile luteinizing hormone secretion by the fetal pituitary gland. Clark SJ, et al. **Endocrinology** 1984 Nov;115(5):1774-9

Increased gonadotropin-releasing hormone pulse frequency associated with estrogen-induced luteinizing hormone surges in ovariectomized ewes. Clarke IJ, et al. **Endocrinology** 1985 Jun;116(6):2376-83

Activation of luteinizing hormone release from pituitary cells by polycations. Conn PM, et al. **Endocrinology** 1984 Nov;115(5):1913-7

Sexual differentiation of positive feedback: effect of hour of castration at birth on estradiol-induced luteinizing hormone secretion in immature male rats. Corbier P. **Endocrinology** 1985 Jan;116(1):142-7

Differential secretion of O-glycosylated gonadotropin alpha-subunit and luteinizing hormone (LH) in the presence of LH-releasing hormone. Corless CL, et al. **Endocrinology** 1985 Oct;117(4):1699-706

Hormone ontogeny in the ovine fetus. XVIII. The effect of an opioid antagonist on luteinizing hormone secretion. Cuttler L, et al. **Endocrinology** 1985 May;116(5):1997-2002

Monosodium glutamate and pituitary gland luteinizing hormone (LH) release in response to LH-releasing hormone: an in vitro study. Dada MO, et al. **Endocrinology** 1985 Jan;116(1):246-51

Effect of restricted nutrition on puberty in the lamb: patterns of tonic luteinizing hormone (LH) secretion and competency of the LH surge system. Foster DL, et al. **Endocrinology** 1985 Jan;116(1):375-81

The suppression of pulsatile luteinizing hormone secretion during lactation in the rat. Fox SR, et al. **Endocrinology** 1984 Dec;115(6):2045-51

Changes in the pulsatile pattern of luteinizing hormone secretion during the rat estrous cycle. Fox SR, et al. **Endocrinology** 1985 Apr;116(4):1485-92

Pulsatile luteinizing hormone release during pregnancy in the rat. Gallo RV, et al. **Endocrinology** 1985 Jun;116(6):2637-42

The rhesus monkey corpus luteum is dependent on pituitary gonadotropin secretion throughout the luteal phase of the menstrual cycle. Hutchison JS, et al. **Endocrinology** 1984 Nov;115(5):1780-6

Corelease of dynorphin-like immunoreactivity, luteinizing hormone, and follicle-stimulating hormone from rat adenohypophysis in vitro. Knepel W, et al. **Endocrinology** 1985 Aug;117(2):481-7

Reversal of beta-endorphin-induced blockade of ovulation and luteinizing hormone surge with prostaglandin E2. Leadem CA, et al. **Endocrinology** 1985 Aug;117(2):684-9

In vivo gonadotropin-releasing hormone release and serum luteinizing hormone measurements in ovariectomized, estrogen-treated rhesus macaques. Levine JE, et al. **Endocrinology** 1985 Aug;117(2):711-21

Inhibition of luteinizing hormone (LH)-releasing hormone-induced secretion of LH in rat anterior pituitary cell culture by testosterone without conversion to 5 alpha-dihydrotestosterone. Liang T, et al. **Endocrinology** 1984 Dec;115(6):2311-7

Relation of circulating estradiol and progesterone to gonadotropin secretion and estrous cyclicity in aging female rats. Lu JK, et al. **Endocrinology** 1985 May;116(5):1953-9

Dynamic characteristics of luteinizing hormone release from perifused sheep anterior pituitary cells stimulated by combined pulsatile and continuous gonadotropin-releasing hormone. McIntosh RP, et al. **Endocrinology** 1985 Jul;117(1):169-79

Neurotransmitters involved in mediating the steroid-dependent suppression of pulsatile luteinizing hormone secretion in anestrous ewes: effects of receptor antagonists. Meyer SL, et al. **Endocrinology** 1985 May;116(5):2054-61

Noradrenergic and endogenous opioid pathways in the regulation of luteinizing hormone secretion in the male rat. Miller MA, et al. **Endocrinology** 1985 Aug;117(2):544-8

Secretion of ovine luteinizing hormone in vitro: differential positive control by 17 beta-estradiol and a preparation of porcine ovarian inhibin. Miller WL, et al. **Endocrinology** 1985 Sep;117(3):907-11

Effect of naloxone on luteinizing hormone, follicle-stimulating hormone, and prolactin secretion in the different phases of the estrous cycle. Piva F, et al. **Endocrinology** 1985 Aug;117(2):766-72

Evidence from the rhesus monkey (Macaca mulatta) for the view that negative feedback control of luteinizing hormone secretion by the testis is mediated by a deceleration of hypothalamic gonadotropin-releasing hormone pulse frequency. Plant TM, et al. **Endocrinology** 1984 Dec;115(6):2145-53

Cortisol suppresses the LH, but not the FSH, response to gonadotropin-releasing hormone after orchidectomy. Ringstrom SJ, et al. **Endocrinology** 1985 Jan;116(1):472-4

A rise in tonic luteinizing hormone secretion occurs during photoperiod-stimulated sexual maturation of the female ferret. Ryan KD, et al. **Endocrinology** 1985 May;116(5):2013-8

Tunicamycin and neuraminidase effects on luteinizing hormone (LH)-releasing hormone binding and LH release from rat pituitary cells in culture. Schvartz I, et al. **Endocrinology** 1985 Jun;116(6):2341-6

Release of luteinizing hormone and follicle-stimulating hormone from pituitaries of lactating rats by gonadotropin-releasing hormone and high potassium concentration. Smith MS. **Endocrinology** 1985 May;116(5):1826-34

Detection of LH release from individual pituitary cells by the reverse hemolytic plaque assay: estrogen increases the fraction of gonadotropes responding to GnRH. Smith PF, et al. **Endocrinology** 1984 Dec;115(6):2484-6

Effects of glucocorticoids on secretion of luteinizing hormone and follicle-stimulating hormone by female rat pituitary cells in vitro. Suter DE, et al. **Endocrinology** 1985 Sep;117(3):849-54

Developmental changes in the luteinizing hormone secretory pattern in peripubertal female rhesus monkeys: comparisons between gonadally intact and ovariectomized animals. Terasawa E, et al. **Endocrinology** 1984 Dec;115(6):2233-40

Cytochemical and cytophysiological studies of gonadotropin-releasing hormone (GnRH) target cells in the male rat pituitary: differential effects of androgens and corticosterone on GnRH binding and gonadotropin release. Tibolt RE, et al. **Endocrinology** 1985 Jul;117(1):396–404

The juvenile-peripubertal transition period in the female rat: establishment of a diurnal pattern of pulsatile luteinizing hormone secretion. Urbanski HF, et al. **Endocrinology** 1985 Aug;117(2):644–9

In vitro simulation of prepubertal changes in pulsatile luteinizing hormone release enhances progesterone and 17 beta-estradiol secretion from immature rat ovaries. Urbanski HF, et al. **Endocrinology** 1985 Aug;117(2):638–43

Possible delta receptor mediation of the effect of beta-endorphin on luteinizing hormone (LH) release, but not on prolactin (PRL) release, in the ovariectomized rat. Wiesner JB, et al. **Endocrinology** 1985 Jan;116(1):475–7

Secretion of luteinizing hormone (LH) and pituitary receptors for LH-releasing hormone as modified by the proestrous surge of progesterone. Witcher JA, et al. **Endocrinology** 1984 Dec;115(6):2189–94

Leukotriene C4 stimulates LH secretion from rat pituitary cells in vitro. Hulting AL, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):459–60

Sex-specific effects of estradiol on hypothalamic noradrenaline turnover in gonadectomized rats. Hiemke C, et al. **Exp Brain Res** 1985;59(1):68–72

Quinolinic acid stimulates luteinizing hormone secretion in female rats: evidence for involvement of N-methyl-D-aspartate-preferring receptors. Johnson MD, et al. **Exp Brain Res** 1985;59(1):57–61

Quinolinic acid stimulates luteinizing hormone secretion through a serotonin-dependent mechanism. Johnson MD, et al. **Exp Brain Res** 1985;59(1):62–7

The effect of delta 1tetrahydrocannabinol on luteinizing hormone release in castrated and hypothalamic deafferented male rats. Puder M, et al. **Exp Brain Res** 1985; 59(2):213–6

Nucleus accumbens and preoptic area stimulation: tuberoinfundibular single unit responses, modulation of electrical activity and gonadotrophin secretion. Saphier DJ. **Exp Brain Res** 1985;57(2):400–3

Dissociation of prolactin and LH release responses after stimulation within the preoptic-suprachiasmatic region in male rats. Colombo JA. **Exp Clin Endocrinol** 1984 Oct; 84(2):228–34

Clomiphene citrate can mimic the augmentative (positive) but not the depressing (negative) effect of estradiol on the LHRH-stimulated release of LH and FSH by the pituitary gland of the long-term ovariectomized rat. Schuiling GA, et al. **Experientia** 1985 Aug 15;41(8):1060–3

LHRH inactivation by reconstituted horse and fetal bovine sera: assessment by reduction of immunoreactivity and biological activity in pituitary cell cultures. O'Conner JL, et al. **FEBS Lett** 1984 Oct 15;176(1):101–4

Serotonin but not dopamine is involved in the naloxone-induced luteinizing hormone release in man. Foresta C, et al. **Fertil Steril** 1985 Mar;43(3):447–50

The influence of gonadal steroids on the dopamine inhibitory effect on gonadotropin release in men. Foresta C, et al. **Fertil Steril** 1984 Dec;42(6):942–5

Impairment of opioid control of luteinizing hormone secretion in menstrual disorders. Petraglia F, et al. **Fertil Steril** 1985 Apr;43(4):534–40

Progesterone and 17 alpha-hydroxyprogesterone advance the estrogen-induced bioassayable luteinizing hormone surge in castrate monkeys. Schenken RS, et al. **Fertil Steril** 1985 Feb;43(2):301–7

Pituitary responsiveness to superfused GnRH in two species of ranid frogs. Porter DA, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):308–15

Stimulus requirements for prolactin and LH secretion in incubating ring doves. Ramsey SM, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):246–56

Effect of castration and steroid treatment on the release of gonadotropins by the rat pituitary-hypothalamus complex in vitro. Gill MK, et al. **Horm Metab Res** 1985 Mar; 17(3):141–6

Abnormal pattern of LH-release in patients with germinal epithelium damage. Vierhapper H, et al. **Horm Metab Res** 1985 Jan;17(1):44–5

Effects of the intraventricular administration of 5,7-dihydroxytryptamine on FSH, LH and prolactin secretion in neonatally estrogenized male rats. Lopez F, et al. **Horm Res** 1985;21(2):117–23

Effect of unilateral ovariectomy and injection of bovine follicular fluid on gonadotropin secretion and compensatory ovarian hypertrophy in prepuberal heifers. Johnson SK, et al. **J Anim Sci** 1985 Apr;60(4):1055–60

The role of nongonadal restraint of gonadotropin secretion in the delay of the onset of puberty in the rhesus monkey (Macaca mulatta). Plant TM, et al. **J Anim Sci** 1982;55 Suppl 2:43–55

Patterns of secretion of luteinizing hormone, follicle stimulating hormone and testosterone in stallions during the summer and winter. Thompson DL Jr, et al. **J Anim Sci** 1985 Mar;60(3):741–8

Hormonal responses to short term fasting in postmenopausal women. Beitins IZ, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1120–6

Defects in pulsatile LH release in normally menstruating runners. Cumming DC, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):810–2

Inhibition of aromatization stimulates luteinizing hormone and testosterone secretion in adult male rhesus monkeys. Ellinwood WE, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1088–96

Secretion of uncombined subunits of luteinizing hormone by gonadotroph cell adenomas. Snyder PJ, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1169–75

Nocturnal slowing of pulsatile luteinizing hormone secretion in women during the follicular phase of the menstrual cycle. Soules MR, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):43–9

Endogenous opiates participate in the regulation of pulsatile luteinizing hormone release in an unopposed estrogen milieu: studies in estrogen-replaced, gonadectomized patients with testicular feminization. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):790–3

Effects of acute administration of 2-hydroxylated metabolites of oestrogens on LH and prolactin secretion in male and female prepubertal rats. Brar AK, et al. **J Endocrinol** 1984 Dec;103(3):317–25

Effects of hyperprolactinaemia and testosterone on the release of LH-releasing hormone and the gonadotrophins in intact and castrated rats. Brar AK, et al. **J Endocrinol** 1985 Jan;104(1):35–43

Studies on the control of prostaglandin production by the hypothalamus in relation to LH release in the rat. Brown CG, et al. **J Endocrinol** 1984 Nov;103(2):155–64

Monosodium L-glutamate administration: effects on gonadotrophin secretion, gonadotrophs and mammotrophs in prepubertal female rats. Dada MO, et al. **J Endocrinol** 1985 Feb;104(2):185–92

Pituitary and testicular responses in sexually mature bulls after intravenous injections of graded doses of LH-releasing hormone. D'Occhio MJ, et al. **J Endocrinol** 1984 Dec;103(3):371–6

Differential effects of gonadectomy on sensitivity to testosterone of brain centres associated with gonadotrophin negative feedback and with mating behaviour in rams. D'Occhio MJ, et al. **J Endocrinol** 1985 Jan;104(1):69–75

Fasting impairs LH secretion in female rats by activating an inhibitory opioid pathway. Dyer RG, et al. **J Endocrinol** 1985 Apr;105(1):91–7

Evidence for a stimulatory beta-adrenergic component in the release of the ovulatory LH surge in pro-oestrous rats. Al-Hamood MH, et al. **J Endocrinol** 1985 Aug; 106(2):143–51

Changes in pituitary responsiveness to LH-releasing hormone after acute buserelin treatment: a time-course and dose-response study. Heather JD, et al. **J Endocrinol** 1985 Jul;106(1):27–30

Effects of 5-hydroxytryptamine uptake blockers on the release of LH and prolactin in several different experimental steroid models in the rat. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):397–406

Parachlorophenylalanine blocks the spontaneous pro-oestrous surge of prolactin as well as LH and affects the secretion of oestradiol-17 beta. Horn AM, et al. **J Endocrinol** 1985 Mar;104(3):415–8

Can the transition into anoestrus in the ewe be accounted for solely by insufficient tonic LH secretion? Legan SJ, et al. **J Endocrinol** 1985 Jul;106(1):55–60

The role of microfilaments in the priming effect of LH-releasing hormone: an ultrastructural study using cytochalasin B. Lewis CE, et al. **J Endocrinol** 1985 Aug; 106(2):211–8

Effects of pup sucking behaviour on inhibition of sexual behaviour and ovulatory secretion of LH in lactating rats. Lindblom C, et al. **J Endocrinol** 1985 Mar;104(3):419–25

Early effects of pinealectomy on LH and testosterone secretion in white-tailed deer. Plotka ED, et al. **J Endocrinol** 1984 Oct;103(1):1–7

Naloxone-induced secretion of LH in the male Syrian hamster: modulation by photoperiod and gonadal steroids. Roberts AC, et al. **J Endocrinol** 1985 Aug;106(2):243–8

Blockade of LH and FSH secretion by LH-releasing hormone, by the LH-releasing hormone analogue, buserelin, and by combined treatment with LH-releasing hormone and oestradiol benzoate. Schuiling GA, et al. **J Endocrinol** 1984 Dec;103(3):301–9

Infantile ovariectomy potentiates the stimulatory effect of oestrogen/progesterone on LH secretion in the rat. Wilkinson M, et al. **J Endocrinol** 1985 Jul;106(1):133–9

Androgen feedback-dependent and -independent control of photoinduced LH secretion in male tree sparrows (Spizella arborea). Wilson FE. **J Endocrinol** 1985 Apr;105(1):141–52

Disappearance of opioid control of LH secretion in short term ovariectomized women. Melis GB, et al. **J Endocrinol Invest** 1985;8 Suppl 2:41–6

Interrelationships between the hypothalamus, pituitary gland, ovary, adrenal gland, and the open period for LH release in the hen (Gallus domesticus). Etches RJ, et al. **J Exp Zool** 1984 Dec;232(3):501–11 (26 ref.)

The effect of ovine pineal compounds prepared under red or green light on the activity of male rat anterior pituitaries in vitro. Slama-Scemama A, et al. **J Neural Transm** 1985; 62(1–2):155–67

Changes in oestrogen-synthesizing ability of preovulatory bovine follicles relative to the peak of LH. Dieleman SJ, et al. **J Reprod Fertil** 1984 Nov;72(2):487–94

Changes in pulsatile LH secretion and the positive and negative feedback actions of oestradiol after administration of a GnRH agonist in the ovariectomized ewe. Fitzgerald BP, et al. **J Reprod Fertil** 1985 Mar;73(2):433–40

Diurnal variation in the response of anoestrous ewes to the ram effect. Martin GB, et al. **J Reprod Fertil** 1985 Sep; 75(1):275–84

Stress or acute adrenocorticotrophin treatment suppresses LHRH-induced LH release in the ram. Matteri RL, et al. **J Reprod Fertil** 1984 Nov;72(2):385–93

Gonadotrophin release in ovariectomized ewes fed different amounts of coumestrol. Montgomery GW, et al. **J Reprod Fertil** 1985 Mar;73(2):457–63

Changes in pulsatile LH secretion after ovariectomy in Ile-de-France ewes in two seasons. Montgomery GW, et al. **J Reprod Fertil** 1985 Jan;73(1):173–83

Corpora lutea with a short life-span induced by rams in seasonally anovulatory ewes are prevented by progesterone delaying the preovulatory surge of LH. Pearce DT, et al. **J Reprod Fertil** 1985 Sep;75(1):79–84

Effect of exogenous oestradiol-17 beta on gonadotrophin secretion in post-partum beef cows. Peters AR. **J Reprod Fertil** 1984 Nov;72(2):473–8

Ovulation and LH secretion in the goat after intravaginal progestagen sponge-PMSG treatment. Ritar AJ, et al. **J Reprod Fertil** 1984 Nov;72(2):559–63

Hypothalamic control of the post-castration rise in serum LH concentration in rams. Schanbacher BD, et al. **J Reprod Fertil** 1984 Nov;72(2):537–42

Control of gonadotrophin release in Scottish Blackface and Finnish Landrace ewes during seasonal anoestrus. Webb R, et al. **J Reprod Fertil** 1985 Mar;73(2):369–78

Pituitary gonadotropin secretion after two consecutive administrations of LH-RH in normal subjects. Lin BL, et al. **Keio J Med** 1983 Dec;32(3–4):113–21

Effects of dopamine and norepinephrine on in vitro spontaneous and gonadotropin-releasing hormone-induced gonadotropin release by dispersed cells or fragments of the goldfish pituitary. Chang JP, et al. **Life Sci** 1984 Nov 12; 35(20):2027–33

Prolactin releasing and luteinizing hormone inhibiting activity of dermorphin shorter homologues in the rat. Cocchi D, et al. **Life Sci** 1985 May 6;36(18):1707–13

Effects of the serotonin agonist, quipazine, on luteinizing hormone and prolactin release: evidence for serotonin-catecholamine interactions. Lynch CO Jr, et al. **Life Sci** 1984 Oct 1;35(14):1481–7

Suppression of basal and stress-induced prolactin release and stimulation of luteinizing hormone secretion by alpha-melanocyte-stimulating hormone. Newman CB, et al. **Life Sci** 1985 Apr 29;36(17):1661–8

Role of arginine vasopressin in control of ACTH and LH release during stress. Ono N, et al. **Life Sci** 1985 May 6; 36(18):1779–86

Changes in LH and prolactin levels in diabetic male rats and the role of the opiate system in the control of their secretion. Yogev L, et al. **Life Sci** 1985 Sep 16;37(11):993–9

Further studies on basal immunoreactive luteinizing hormone (LH), serum testosterone and pituitary responsiveness to luteinizing hormone releasing hormone (LH-RH) in elderly men. Marrama P, et al. **Minerva Endocrinol** 1984 Jan-Mar; 9(1):1–6

Keoxifene shows pure antiestrogenic activity in pituitary gonadotrophs. Simard J, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):141–4

Increased gonadotrophin releasing hormone receptors on pituitary gonadotrophs: effect on subsequent LH secretion. Young LS, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):69–78

Diacylglycerols and protein kinase C. Potential amplifying mechanism for Ca2+-mediated gonadotropin-releasing hormone-stimulated luteinizing hormone release. Harris CE, et al. **Mol Pharmacol** 1985 May;27(5):532–6

A prolactin-inhibiting factor within the precursor for human gonadotropin-releasing hormone. Nikolics K, et al. **Nature** 1985 Aug 8–14;316(6028):511–7

Regional specificity in the effect of estrogen implantation within the forebrain on the frequency of pulsatile luteinizing hormone secretion in the ovariectomized rat. Akema T, et al. **Neuroendocrinology** 1984 Dec;39(6):517–23

Pineal melatonin mediates photoperiodic control of pulsatile luteinizing hormone secretion in the ewe. Bittman EL, et al. **Neuroendocrinology** 1985 May;40(5):409–18

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. I. Estradiol dose response effects. Camp P, et al. **Neuroendocrinology** 1985 Jan;40(1):45–53

Correlation of luteinizing hormone surges with estrogen nuclear and progestin cytosol receptors in the hypothalamus and pituitary gland. II. Temporal estradiol effects. Camp P, et al. **Neuroendocrinology** 1985 Jan; 40(1):54–62

Direct pituitary effects of estrogen and progesterone on gonadotropin secretion in the ovariectomized ewe. Clarke IJ, et al. **Neuroendocrinology** 1984 Sep;39(3):267–74

Short-day exposure eliminates the LH response to naloxone in golden hamsters. Eskes GA, et al. **Neuroendocrinology** 1984 Sep;39(3):281–3

Chronic morphine treatment induces hypersensitivity to testosterone-negative feedback in castrated male rats. Gabriel SM, et al. **Neuroendocrinology** 1985 Jan;40(1):39–44

Differential suppression of follicle-stimulating hormone and luteinizing hormone secretion in vivo by a gonadotropin-releasing hormone antagonist. Grady RR, et al. **Neuroendocrinology** 1985 Mar;40(3):246-52

Effect of steroid treatment on tonic and surge secretion of LH and FSH in the female golden hamster: effect of photoperiod. Jorgenson KL, et al. **Neuroendocrinology** 1984 Dec;39(6):549-54

Catecholamine involvement in preovulatory LH release: reassessment of the role of epinephrine. Kalra SP. **Neuroendocrinology** 1985 Feb;40(2):139-44

The actions of prostaglandin E2, naloxone and testosterone on starvation-induced suppression of luteinizing hormone-releasing hormone and luteinizing-hormone secretion. In vitro and in vivo studies. Küderling I, et al. **Neuroendocrinology** 1984 Dec;39(6):530-7

Effect of the serotoninergic system on luteinizing hormone secretion in prepubertal female rats. Moguilevsky JA, et al. **Neuroendocrinology** 1985 Feb;40(2):135-8

Effect of frontal hypothalamic deafferentation on photoperiod-induced changes of luteinizing hormone secretion in the ewe. Pau KY, et al. **Neuroendocrinology** 1985 Jul;41(1):72-8

Stimulatory or inhibitory effects of angiotensin II upon LH secretion in ovariectomized rats: a function of gonadal steroids. Steele MK, et al. **Neuroendocrinology** 1985 Mar;40(3):210-6

Relation of gonadal hormones to differential LH response to naloxone in prepubertal male and female rats. Sylvester PW, et al. **Neuroendocrinology** 1985 Feb;40(2):165-70

Effects of progesterone on the pituitary responsiveness to, and priming effect of luteinizing hormone releasing hormone in female rats exposed to constant light. Watts AG, et al. **Neuroendocrinology** 1985 Feb;40(2):152-9

Central electrophysiologic correlates of pulsatile luteinizing hormone secretion in the rhesus monkey. Wilson RC, et al. **Neuroendocrinology** 1984 Sep;39(3):256-60

Relative effectiveness of naloxone and MR2266 in potentiating oestrogen-stimulated luteinizing hormone surges in ovariectomized female rats. Dyer RG, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):111-5

Pancreatic polypeptides affect luteinizing and growth hormone secretion in rats. McDonald JK, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):79-84

Further studies on the effects of heroin addiction on the hypothalamic-pituitary-gonadal function in man. Celani MF, et al. **Pharmacol Res Commun** 1984 Dec;16(12):1193-203

Physiological role of alpha-melanocyte-stimulating hormone in modulating the secretion of prolactin and luteinizing hormone in the female rat. Khorram O, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8004-8

Comparison of hyposmolar and hyperosmolar effects on in vitro luteinizing hormone secretion by anterior pituitary cells. Greer MA, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):24-8

Long-term superfusion of rat pituitary cells: interaction of 17 beta-estradiol with pulses of gonadotropin-releasing hormone on luteinizing hormone release. Liu TC, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):296-302

Sexual differentiation of the forebrain--relationship to gonadotrophin secretion. Dyer RG. **Prog Brain Res** 1984;61:223-36 (54 ref.)

Differential effects of picrotoxin- and pentylenetetrazol-induced convulsions on the secretion of luteinizing hormone and follicle-stimulating hormone in rats. Fujii T, et al. **Psychoneuroendocrinology** 1984;9(4):391-7

Role of brain epinephrine neurons in the regulation of serum prolactin and luteinizing hormone release in female rats. Liang NY, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun;48(3):459-62

Multiple circadian oscillators regulate the timing of behavioral and endocrine rhythms in female golden hamsters. Swann JM, et al. **Science** 1985 May 17;228(4701):898-900

[LH and FSH secretion in bovine anterior pituitary cell cultures depending on the estrous cycle, in pregnant cows and cows with ovarian cysts] Braun U. **Schweiz Arch Tierheilkd** 1985 Jun;127(6):353-68 (Eng. Abstr.) **(Ger)**

[Studies on the feedback regulation of pulsatile luteinizing hormone secretion: effect of ovarian steroid implantation into the forebrain and basal hypothalamus on pulsatile LH secretion in ovariectomized rats] Tadokoro Y. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):22-37 (Eng. Abstr.) **(Jpn)**

[Effect of dopamine on gonadotropin and prolactin secretion in patients with polycystic ovary syndrome] Baranowska B, et al. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):977-80 (Eng. Abstr.) **(Pol)**

[Sensitivity of pituitary gonadotropins to luliberin in women using intrauterine contraceptive devices] Kononova ES, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):60 **(Rus)**

THERAPEUTIC USE

Specific effects of FSH and LH on follicular development and oocyte retrieval as determined by a program for in vitro fertilization. Seegar Jones GE, et al. **Ann NY Acad Sci** 1985;442:119-22

Ovulation induction in clomiphene-resistant anovulatory women: differential follicular response to purified urinary follicle-stimulating hormone (FSH) versus purified urinary FSH and luteinizing hormone. Hoffman DI, et al. **J Clin Endocrinol Metab** 1985 May;60(5):922-7

URINE

Evaluation of commercially available radioimmunoassays for the determination of luteinizing hormone in serum and urine. Application for the detection of endogenous rise of luteinizing hormone in a in vitro fertilization program. Liu Y, et al. **Ann Biol Clin (Paris)** 1984;42(6):419-25

The measurement of urinary LH, by a solid-phase chemiluminescence immunoassay. Brockelbank JL, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):284-9

LH-FSH RELEASING HORMONE

Molecular dynamics and minimum energy conformations of GnRH and analogs. A methodology for computer-aided drug design. Struthers RS, et al. **Ann NY Acad Sci** 1985;439:81-96

Anorexia, LHRH and ovulation [letter] Beumont PJ. **Med J Aust** 1985 Jan 7;142(1):77-8

ADMINISTRATION & DOSAGE

Success and relapse rate after treatment of cryptorchidism with intranasal LHRH. Schwarz HP, et al. **Acta Paediatr Scand** 1985 Mar;74(2):274-80

Long-term, pulsatile, low dose, subcutaneous luteinizing hormone-releasing hormone administration in men with idiopathic oligozoospermia. Failure of therapeutic and hormonal response. Fauser BC, et al. **Andrologia** 1985 Mar-Apr;17(2):143-9

Luteinising hormone releasing hormone for incomplete descent of the testis. Klidjian AM, et al. **Arch Dis Child** 1985 Jun;60(6):568-71

The induction of ovulation using pulsatile luteinizing hormone releasing hormone in clinical practice. Ross LD, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):815-9

Alteration in the nocturnal pulsatile release of GH during the induction of puberty using low dose pulsatile LHRH: a case report. Stanhope R, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):117-20

Exogenous progesterone for luteal support following gonadotropin-releasing hormone ovulation induction: case report. Berger NG, et al. **Fertil Steril** 1985 Jul;44(1):133-5

The effects of single-dose luteinizing hormone-releasing hormone on ovulatory menstrual function: support for a single luteinizing hormone- and follicle-stimulating hormone-releasing factor. Reindollar RH, et al. **Fertil Steril** 1985 Feb;43(2):185-95

Gonadotropin-releasing hormone pulsatile administration restores luteinizing hormone pulsatility and normal testosterone levels in males with hyperprolactinemia. Bouchard P, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):258-62

Rapid sequential intravenous administration of four hypothalamic releasing hormones as a combined anterior pituitary function test in normal subjects. Sheldon WR Jr, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):623-30

Pituitary and testicular responses in sexually mature bulls after intravenous injections of graded doses of LH-releasing hormone. D'Occhio MJ, et al. **J Endocrinol** 1984 Dec;103(3):371-6

Combined treatment with LHRH agonist and pure antiandrogen in advanced carcinoma of prostate [letter] Labrie F, et al. **Lancet** 1984 Nov 10;2(8411):1090

Pulsatile gonadotropin-releasing hormone therapy of anovulatory infertility. Nillius SJ. **Zentralbl Gynakol** 1984;106(16):1137-45

[Panhypopituitarism after radiotherapy. Ovulation induction using a gonadoliberin pump (letter)] Barbe P, et al. **Presse Med** 1985 Feb 9;14(5):284-5 **(Fre)**

[Induction of ovulation by a luteinizing hormone releasing hormone pump. Principles, indications and results] Gompel A, et al. **Presse Med** 1985 Apr 27;14(17):963-6 (Eng. Abstr.) **(Fre)**

[Pulsatile treatment with LH-RH using a portable pump: a new modality for inducing ovulation and treating sterility] Thomas D, et al. **Rev Med Brux** 1985 May;6(5):325-33 (Eng. Abstr.) **(Fre)**

[Treatment of anovulatory patients by pulsatile administration of gonadotropin releasing hormone] Berg D, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):715-8 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Effect of pretreatment of long-term ovariectomized (OVX) rats with a competitive LRH antagonist on FSH release in vitro. van Dieten JA, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):481-4

Effect of pretreatment of long-term ovariectomized rats with an LRH antagonist on LH release in vitro by LRH, elevated K+ or N6-monobutyryl adenosine 3',5'-monophosphate (mbcAMP) plus theophylline. van Rees GP, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):331-7

Kinetics of steroid responsiveness to hCG during chronic inhibition of testicular function by GnRH analogue. Vicari E, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):544-9

Comparison between the steroidogenic responses after pulsatile and continuous administration of gonadotrophin releasing hormone to superfused rat follicles. Hedin L. **Acta Physiol Scand** 1985 Jun;124(2):269-76

Radioimmunoassay of nafarelin ([6-(3-(2-naphthyl)-D-alanine)]-luteinizing hormone-releasing hormone) in plasma or serum. Nerenberg C, et al. **Anal Biochem** 1984 Aug 15;141(1):10-6

NIH conference. Therapeutic applications of luteinizing-hormone-releasing hormone and its analogs. Cutler GB Jr, et al. **Ann Intern Med** 1985 May;102(5):643-57

Plasma binding of LHRH and nafarelin acetate, a highly potent LHRH agonist. Chan RL, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):673-9

Antagonists of the luteinizing hormone releasing hormone (LHRH) with emphasis on the TRP7 of the salmon and chicken II LHRH's. Folkers K, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1221-6

Photoaffinity labeling of gonadotropin releasing hormone receptors in control and desensitized pituitary cells. Hazum E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):532-8

D-Ala6-des-Gly10-gonadotropin-releasing hormone ethylamide: absence of binding sites and lack of a direct effect in rabbit corpora lutea. Thorson JA, et al. **Biol Reprod** 1985 Mar;32(2):226-31

Plasminogen activator and nuclear androgen receptor in rat prostate tumors after treatment with D-Trp-6-LH-RH. Hierowski MT, et al. **Biomed Pharmacother** 1984;38(6):297-303

Effect of a luteinizing hormone releasing hormone agonist given during combination chemotherapy on posttherapy fertility in male patients with lymphoma: preliminary observations. Johnson DH, et al. **Blood** 1985 Apr;65(4):832-6

Leuprolide: a review of its effects in animals and man. Drago JR, et al. **Br J Clin Pract** 1985 Feb;39(2):77-9

Leuprolide: a review of its effects in comparison with diethylstilboestrol in the treatment of advanced cancer of the prostate. Garnick MB, et al. **Br J Clin Pract** 1985 Feb;39(2):73-6

Long term treatment with luteinising hormone releasing hormone agonists and maintenance of serum testosterone to castration concentrations. Labrie F, et al. **Br Med J [Clin Res]** 1985 Aug 10;291(6492):369-70

Luteinising hormone releasing hormone analogue for prostatic cancer [letter] Taylor MC. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):395-6

LH-RH analogue acts as substance P antagonist by inhibiting spinal cord vasomotor responses. Takano Y, et al. **Brain Res** 1985 Jul 1;337(2):357-61

Chronic treatment with [D-Ala6, des Gly-NH2(10)]-LHRH ethylamide reversibly delays puberty in the female rat. Landymore KM, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):853-5

Experimental protection by a luteinizing hormone-releasing hormone agonist of a bone marrow nitrosourea aplasia. Preliminary observations. Lemaigre G, et al. **Cancer Lett** 1984 Dec;25(2):123-8

A luteinizing hormone-releasing hormone agonist for the prevention of chemotherapy-induced ovarian follicular loss in rats. Ataya KM, et al. **Cancer Res** 1985 Aug;45(8):3651-6

Luteinizing hormone releasing hormone analogues for contraception. Nillius SJ. **Clin Obstet Gynaecol** 1984 Dec;11(3):551-72 (62 ref.)

The effects of the GnRH agonist, [(imBzl)-D-His6, Pro9-NEt]-GnRH, on the response to stress in rats. Gibson MJ, et al. **Contraception** 1985 Jan;31(1):91-9

Inhibition of ovulation by intranasal nafarelin, a new superactive agonist of GnRH. Gudmundsson JA, et al. **Contraception** 1984 Aug;30(2):107-14

Selective inhibition of spermatogenesis in the presence of normal libido following combined treatment with an LHRH agonist and testosterone in the dog. Tremblay Y, et al. **Contraception** 1984 Dec;30(6):585-8

Reversible inhibition of gonadal functions by a potent gonadotropin-releasing hormone agonist in adult dog. Tremblay Y, et al. **Contraception** 1984 Nov;30(5):483-97

Effects of the (imBzl)D-His6, Des-Gly analog of GnRH on gonadotropin and estradiol secretion in normal women. DeFazio J, et al. **Endocr Res** 1984;10(2):163-70

Potency and activity variation of LHRH analogs in different models and species. Hahn DW, et al. **Endocr Res** 1984;10(2):123-38

D-Trp-6-luteinizing hormone-releasing hormone inhibits hyperprolactinemia in female rats. Debeljuk L, et al. **Endocrinology** 1985 Jun;116(6):2227-31

Effects of gonadotropin-releasing hormone receptor blockade on rat testicular gonadotropin and lactogen receptors, steroidogenesis, and responses to human chorionic gonadotropin stimulation. Huhtaniemi IT, et al. **Endocrinology** 1985 Jan;116(1):281-7

The effects of a gonadotropin-releasing hormone agonist on ovulation and steroidogenesis during perfusion of rabbit and rat ovaries in vitro. Koos RD, et al. **Endocrinology** 1985 Feb;116(2):628-32

Direct and indirect inhibition of ovulation in rats by an antagonist of luteinizing hormone-releasing hormone. Nekola MV, et al. **Endocrinology** 1985 Feb;116(2):756-60

Effects of a luteinizing hormone-releasing hormone analog on the growth of estrogen-induced prolactin-secreting rat pituitary tumors and its influence on their dopamine receptors. Di Paolo T, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):383-4

Does constant infusion of gonadotropin-releasing hormone agonist lead to greater suppression of gonadal function in man than its intermittent administration? Bhasin S, et al.

Fertil Steril 1985 Jul;44(1):96-101

Ablation of folliculogenesis in women by a single dose of gonadotropin-releasing hormone agonist: significance of time in cycle. Monroe SE, et al. **Fertil Steril** 1985 Mar; 43(3):361-8

Testicular histology following chronic gonadotropin-releasing hormone agonist treatment. Rajfer J, et al. **Fertil Steril** 1984 Nov;42(5):765-71

Effect on corpus luteum function of luteal phase administration of a potent gonadotropin-releasing hormone analog (nafarelin). Schriock ED, et al. **Fertil Steril** 1985 Jun;43(6):844-50

Reversible inhibition of testicular function by a gonadotropin hormone-releasing hormone antagonist in monkeys (Macaca fascicularis). Weinbauer GF, et al. **Fertil Steril** 1984 Dec;42(6):906-14

The brain-pituitary-gonadal axis in the rainbow trout, Salmo gairdneri. III. Absence of an inhibiting action of testosterone on gonadotrophin release in juveniles. Gielen JT, et al. **Gen Comp Endocrinol** 1984 Dec;56(3):457-65

Seasonal effects of pimozide and des Gly10 [D-Ala6] LH-RH ethylamide on gonadotrophin secretion in goldfish. Sokolowska M, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):472-9

Direct effect of the luteinizing hormone releasing hormone analog D-Trp6-Pro9-Net-LHRH on rat ovarian steroidogenesis. Malozowski S, et al. **Horm Metab Res** 1985 Jun;17(6):321-2

Effect of gonadotropin releasing hormone on ventral prostate of rat. Raju VS, et al. **Horm Metab Res** 1985 May; 17(5):241-3

An inhibitor of urokinase and tissue plasminogen activators in Dunning R3327H prostate tumors of rats treated with D-Trp6-LH-RH. Hierowski MT, et al. **Horm Res** 1985; 21(2):124-35

Stimulatory effect of an LHRH-agonist on testicular blood flow in hypophysectomized rats. Damber JE, et al. **Int J Androl** 1984 Jun;7(3):236-43

LHRH and analogs: contraceptive and therapeutic considerations. Corbin A, et al. **Int J Fertil** 1985;30(1):57-65

Subcutaneous and intrabursal administration of an LRH agonist to the pregnant hemicastrated rat during preimplantation. Jones RC. **Int J Fertil** 1984;29(2):122-8

Hydrophobic, aza-glycine analogues of luteinizing hormone-releasing hormone. Ho TL, et al. **Int J Pept Protein Res** 1984 Jul;24(1):79-84

Preparation and characterization of photoreactive derivatives of GnRH. Persistent activation of function by photoaffinity labeling. Nikolics K, et al. **Int J Pept Protein Res** 1984 Nov;24(5):430-6

Prolonged suppression of plasma LH levels in male rats after a single injection of an LH-RH agonist in poly(DL-lactide-co-glycolide) microcapsules. Asch RH, et al. **J Androl** 1985 Mar-Apr;6(2):83-8

Dose-response studies on male reproductive parameters in dogs with nafarelin acetate, a potent LHRH agonist. Vickery BH, et al. **J Androl** 1985 Jan-Feb;6(1):53-60

Receptor-binding properties of gonadotropin-releasing hormone derivatives. Prolonged receptor occupancy and cell-surface localization of a potent antagonist analog. Loumaye E, et al. **J Biol Chem** 1984 Oct 25; 259(20):12663-71

Hormonal effects of gonadotropin-releasing hormone (GnRH) agonist in the human male. III. Effects of long term combined treatment with GnRH agonist and androgen. Bhasin S, et al. **J Clin Endocrinol Metab** 1985 May;60(5):998-1003

Inhibition of serum luteinizing hormone and testosterone with an inhibitory analog of luteinizing hormone-releasing hormone in adult male rhesus monkeys. Burgos-Briceño LA, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):601-7

Luteinizing hormone-releasing hormone analog treatment of boys with hypothalamic hamartoma and true precocious puberty. Comite F, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):888-92

Variable response to a long-acting agonist of luteinizing hormone-releasing hormone in girls with McCune-Albright syndrome. Foster CM, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):801-5

Somatomedin-C in normal puberty and in true precocious puberty before and after treatment with a potent luteinizing hormone-releasing hormone agonist. Harris DA, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):152-9

Treatment of true precocious puberty with a potent luteinizing hormone-releasing factor agonist: effect on growth, sexual maturation, pelvic sonography, and the hypothalamic-pituitary-gonadal axis. Styne DM, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):142-51

Medical castration produced by the GnRH analogue leuprolide to treat metastatic breast cancer. Harvey HA, et al. **J Clin Oncol** 1985 Aug;3(8):1068-72

Acute and chronic effects of a gonadotrophin-releasing hormone antagonist on pituitary and testicular function in monkeys. Bint Akhtar F, et al. **J Endocrinol** 1985 Mar; 104(3):345-54

Improved antagonists of luteinizing hormone-releasing hormone modified in position 7. Hocart SJ, et al. **J Med Chem** 1985 Jul;28(7):967-70

Central precocious puberty complicating a virilizing adrenal tumor: treatment with a long-acting LHRH analog. Pescovitz OH, et al. **J Pediatr** 1985 Apr;106(4):612-4

Controlled release of a luteinizing hormone-releasing hormone analogue from poly(d,l-lactide-co-glycolide) microspheres. Sanders LM, et al. **J Pharm Sci** 1984 Sep; 73(9):1294-7

Effect of an LHRH agonist on pituitary and testicular function in rhesus monkeys. Sundaram K, et al. **J Reprod Fertil** 1984 Nov;72(2):365-71

Changes in plasma steroid levels after single administration of hCG or LHRH agonist analogue in dog and rat. Tremblay Y, et al. **J Steroid Biochem** 1985 Mar; 22(3):315-20

Testicular histology after prolonged treatment with a gonadotropin-releasing hormone analogue. Smith JA Jr, et al. **J Urol** 1985 Apr;133(4):612-4

LHRH [letter] Glode LM, et al. **JAMA** 1985 Jul 26; 254(4):506-7

Effects of LH-RH analogue on the ovulation rate and embryo quality in heifers superovulated with PMSG and PGF2 alpha. Takahashi Y, et al. **Jpn J Vet Res** 1984 Oct; 32(4):183-9

Reproductive/endocrine and anaphylactoid properties of an LHRH-antagonist, ORF 18260 [Ac-DNAL1(2), 4FDPhe2,D-Trp3,D-Arg6]-GnRH. Hahn DW, et al. **Life Sci** 1985 Aug 12;37(6):505-14

Stimulation and inhibition of Leydig cell steroidogenesis by the phorbol ester 12-O-tetradecanoylphorbol 13-acetate: similarity to the effects of gonadotropin-releasing hormone. Moger WH. **Life Sci** 1985 Sep 2;37(9):869-73

Effects of luteinizing hormone-releasing hormone agonist and calcium upon adenylyl cyclase activity of human corpus luteum membranes. Rojas FJ, et al. **Life Sci** 1985 Mar 4;36(9):841-50

Leuprolide for prostate cancer. **Med Lett Drugs Ther** 1985 Aug 16;27(694):71-2

Leuprolide versus diethylstilbestrol for metastatic prostate cancer. The Leuprolide Study Group. **N Engl J Med** 1984 Nov 15;311(20):1281-6

Cyclical ovarian function resistant to treatment with an analogue of luteinizing hormone releasing hormone in McCune-Albright syndrome. Comite F, et al. **N Engl J Med** 1984 Oct 18;311(16):1032-6

The premenstrual syndrome. Effects of 'medical ovariectomy'. Muse KN, et al. **N Engl J Med** 1984 Nov 22;311(21):1345-9

Hormonal therapy for prostate cancer [editorial] Torti FM. **N Engl J Med** 1984 Nov 15;311(20):1313-4

Premenstrual syndrome [editorial] Vaitukaitis JL. **N Engl J Med** 1984 Nov 22;311(21):1371-3

Receptor-mediated binding and uptake of GnRH agonist and antagonist by pituitary cells. Jennes L, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:215-20

In vitro LH release and cAMP accumulation induced by synthetic GnRH derivatives. Nikolics K, et al. **Peptides (Fayetteville)** 1984 Sep-Oct;5(5):1001-6

D-Tryptophan-6 analog of luteinizing hormone-releasing hormone as a protective agent against testicular damage caused by cyclophosphamide in baboons. Lewis RW, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2975-9

Radioimmunoassay for 6-D-tryptophan analog of luteinizing hormone-releasing hormone: measurement of serum levels after administration of long-acting microcapsule formulations. Mason-Garcia M, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1547-51

Long-acting delivery systems for peptides: inhibition of rat prostate tumors by controlled release of [D-Trp6]luteinizing hormone-releasing hormone from injectable microcapsules. Redding TW, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5845-8

Combination of long-acting microcapsules of the D-tryptophan-6 analog of luteinizing hormone-releasing hormone with chemotherapy: investigation in the rat prostate cancer model. Schally AV, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2498-502

Inhibition of growth of a prolactin and growth hormone-secreting pituitary tumor in rats by D-tryptophan-6 analog of luteinizing hormone-releasing hormone. Torres-Aleman I, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1252-6

Comparative disposition of nafarelin and endogenous luteinizing hormone releasing hormone in female rats. Hama KM, et al. **Proc West Pharmacol Soc** 1984;27:303-6

Treatment of metastatic carcinoma of the prostate with leuprolide, an LHRH analogue. Smith JA Jr. **Prog Clin Biol Res** 1985;185A:279-85

Endogenous phosphorylation in Dunning prostate tumors of rats treated with LH-RH analogues. Cehovic G, et al. **Prostate** 1984;5(6):605-11

Investigation of the combination of the agonist D-Trp-6-LH-RH and the antiandrogen flutamide in the treatment of Dunning R-3327H prostate cancer model. Redding TW, et al. **Prostate** 1985;6(3):219-32

Efficacy of (D-Leu6)-des Gly-NH2 10-LHRH ethylamide against prostatic cancer. Yamanaka H, et al. **Prostate** 1985; 6(1):27-34

A new method for studying pituitary responsiveness in vivo using pulses of LH-RH analogue in ewes passively immunized against native LH-RH. Caraty A, et al. **Reprod Nutr Dev** 1984;24(4):439-48

Peptide hormone analogues and novel clinical applications. Angeli A. **Ric Clin Lab** 1984 Apr-Jun;14(2):123-35 (61 ref.)

Endocrine therapy: non-estrogenic pharmacological manipulation. Trachtenberg J. **Semin Urol** 1983 Nov; 1(4):288-90

Direct effect of the luteinizing hormone releasing hormone analog D-Trp6-Pro9-Net-LHRH on rat testicular steroidogenesis. D'Agata R, et al. **Steroids** 1984 Feb; 43(2):201-7

Evaluation of synthetic agonist analogue of gonadotropin-releasing hormone (leuprolide) on testicular androgen production in patients with carcinoma of prostate. Santen RJ, et al. **Urology** 1985 Feb;25(2 Suppl):53-7

Comparison of leuprolide and diethylstilbestrol for stage D2 adenocarcinoma of prostate. Sharifi R, et al. **Urology** 1985 Aug;26(2):117-24

Clinical effects of gonadotropin-releasing hormone analogue in metastatic carcinoma of prostate. Smith JA Jr, et al. **Urology** 1985 Feb;25(2):106-14

DES lead-in to use of luteinizing hormone releasing hormone analogs in treatment of metastatic carcinoma of prostate. Stein BS, et al. **Urology** 1985 Apr;25(4):350-3

[Treatment with D-Trp-6-LHRH. Plasma levels and gonadotropic response] Lahlou N, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):906-8 (Fre)

[Dramatic aggravation of prostatic cancer at the onset of treatment with an LHRH agonist (letter)] Boumier P, et al. **Presse Med** 1985 May 25;14(21):1200-1 (Fre)

[Risk of current methods in contraception] Zufferey MM. **Rev Med Suisse Romande** 1985 Feb;105(2):147-50 (Fre)

[Clinical efficacy of (D-Leu6)-des Gly-NH2(10)-LHRH ethylamide against prostatic cancer] Yamanaka H, et al. **Hinyokika Kiyo** 1984 Apr;30(4):545-60 (Eng. Abstr.) (Jpn)

[LHRH analogs--new possibilities in the treatment of prostatic cancer] Baranowska B. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):1009-12 (33 ref.) (Pol)

[Clinical use of LHRH analogs] Baranowska B. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):1005-7 (29 ref.) (Pol)

[Synthetic tripeptide miniluliberin and its biological activity] Babichev VN, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):47-9 (Eng. Abstr.) (Rus)

ANALYSIS

Gonadotropin-releasing hormone-immunoreactive neuronal structures in the brain and pituitary of the African catfish, Clarias gariepinus (Burchell). Goos HJ, et al. **Cell Tissue Res** 1985;241(3):593-6

Immunocytochemistry of luteinizing hormone-releasing hormone in brains of breeding eastern narrow-mouthed toads (Gastrophryne carolinensis). Crim JW. **Comp Biochem Physiol [A]** 1984;79(2):283-7

Distribution of luteinizing hormone-releasing hormone (LHRH) content and total LHRH-degrading activity (LHRH-DA) in the hypothalamus of the ewe. Advis JP, et al. **Endocrinology** 1985 Jun;116(6):2410-8

Immunoreactive luteinizing hormone-releasing hormone in the seminal plasma and human semen parameters. Izumi S, et al. **Fertil Steril** 1985 Apr;43(4):617-20

An immunohistochemical study of seasonal changes in luteinizing hormone-releasing hormone and vasotocin in the forebrain and the neurohypophysis of the toad, Bufo japonicus. Jokura Y, et al. **Gen Comp Endocrinol** 1985 Aug; 59(2):238-45

Luteinizing hormone-releasing hormone neurons in human preoptic/hypothalamus: differential intraneuronal localization of immunoreactive forms. King JC, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):88-97

The effect of ovine pineal compounds prepared under red or green light on the activity of male rat anterior pituitaries in vitro. Slama-Scemama A, et al. **J Neural Transm** 1985; 62(1-2):155-67

Enzymatic tracer damage during the gonadotropin releasing hormone radioimmunoassay: analytical and immunological assessment. O'Conner JL, et al. **Life Sci** 1985 Sep 23; 37(12):1155-65

Glutamic acid decarboxylase-containing axons synapse on LHRH neurons in the rat medial preoptic area. Leranth C, et al. **Neuroendocrinology** 1985 Jun;40(6):536-9

Effects of progesterone on hypothalamic and plasma LHRH. Peduto JC, et al. **Neuroendocrinology** 1985 Mar; 40(3):238-45

Methods for the isolation of viable gonadotropin-releasing hormone (LRF) neurons. Melrose PA, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):347-51

[Homologous radioimmunoassay of a hypothalamic factor stimulating salmon pituitary gonodatropic function (sGnRH)] Breton B, et al. **C R Acad Sci [III]** 1984; 299(9):383-8 (Fre)

ANTAGONISTS & INHIBITORS

Antagonists of the luteinizing hormone releasing hormone (LHRH) with emphasis on the TRP7 of the salmon and chicken II LHRH's. Folkers K, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1221-6

Effect of gonadotropin-releasing hormone antagonists on serum follicle-stimulating hormone and luteinizing hormone under conditions of singular follicle-stimulating hormone secretion. Schwartz NB, et al. **Biol Reprod** 1985 Mar;32(2):391-8

Ovulation inhibition in the pregnant mare's serum gonadotropin-treated immature rat: a bioassay for luteinizing hormone-releasing hormone antagonists. Sundaram K, et al. **Biol Reprod** 1984 Dec;31(5):920-4

Biochemical transmethylation of lipids and neuropeptidergic stimulation of pituitary hormone secretion. Prasad C, et al. **Brain Res** 1985 May 13;334(1):41-6

The effects of the GnRH agonist, [(imBzl)-D-His6, Pro9-NEt]-GnRH, on the response to stress in rats. Gibson MJ, et al. **Contraception** 1985 Jan;31(1):91-9

Inhibition of luteinizing hormone (LH)-releasing hormone-induced secretion of LH in rat anterior pituitary cell culture by testosterone without conversion to 5 alpha-dihydrotestosterone. Liang T, et al. **Endocrinology** 1984 Dec;115(6):2311-7

LHRH inactivation by reconstituted horse and fetal bovine sera: assessment by reduction of immunoreactivity and biological activity in pituitary cell cultures. O'Conner JL, et al. **FEBS Lett** 1984 Oct 15;176(1):101-4

Immunological castration by a totally synthetic vaccine: modification of biological properties of LH-RH after conjugation to adjuvant-active muramyl peptide. Carelli C, et al. **Int J Immunopharmacol** 1985;7(2):215-24

Inhibition of serum luteinizing hormone and testosterone with an inhibitory analog of luteinizing hormone-releasing hormone in adult male rhesus monkeys. Burgos-Briceño LA, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):601-7

Suppression of luteal progesterone secretion in the stumptailed macaque by an antagonist analogue of luteinizing hormone releasing hormone. Fraser HM, et al **J Endocrinol** 1985 Feb;104(2):R1-4

Improved antagonists of luteinizing hormone-releasing hormone modified in position 7. Hocart SJ, et al. **J Med Chem** 1985 Jul;28(7):967-70

Reproductive/endocrine and anaphylactoid properties of an LHRH-antagonist, ORF 18260 [Ac-DNAL1(2), 4FDPhe2,D-Trp3,D-Arg6]-GnRH. Hahn DW, et al. **Life Sci** 1985 Aug 12;37(6):505-14

LH-RH antagonists--mechanisms of action. van Rees GP. **Prog Clin Biol Res** 1985;185A:155-9

Unresponsiveness of the reproductive organs of the male mouse to treatment with a potent luteinizing hormone-releasing hormone agonist (ICI-118,630). van Steenbrugge GJ, et al. **Urol Res** 1984;12(3):175-8

BLOOD

Plasma binding of LHRH and nafarelin acetate, a highly potent LHRH agonist. Chan RL, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):673-9

Hyperprolactinemia decreases the luteinizing hormone-releasing hormone concentration in pituitary portal plasma: a possible role for beta-endorphin as a mediator. Sarkar DK, et al. **Endocrinology** 1985 May; 116(5):2080-4

CEREBROSPINAL FLUID

Gonadotropin-releasing hormone pulses in third ventricular cerebrospinal fluid of ovariectomized rhesus monkeys: correlation with luteinizing hormone pulses. Van Vugt DA, et al. **Endocrinology** 1985 Oct;117(4):1550-8

Detection of prolactin and LH releasing activity in mid-term human fetal cerebrospinal fluid. Gilmore DP, et al. **Indian J Exp Biol** 1984 Nov;22(11):586-8

DEFICIENCY

[The degree of hypothalamic ovarian insufficiency--diagnostic and therapeutic aspects] Baron J, et al. **Ginekol Pol** 1984 Dec;55(12):919-24 (Eng. Abstr.) **(Pol)**

DIAGNOSTIC USE

Naloxone effect on FSH response to LRH in early puerperium. Messinis I, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:36-7

Abnormal anterior pituitary responsiveness to hypothalamic hormones in depression: neurophysiological correlates and psychopharmacological effects. Brambilla F, et al **Adv Biochem Psychopharmacol** 1985;40:69-80

Time- and dose-dependent alterations of basal and LH-RH-stimulated LH-release during treatment with various hormonal contraceptives. Kuhl H, et al. **Contraception** 1984 Nov;30(5):467-82

Oral contraceptives and pituitary response to GnRH: comparative study of progestin-related effects. Römmler A, et al. **Contraception** 1985 Mar;31(3):295-303

Elevated serum HCG level after intravenous LH-RH administration in human pregnancies. Egyed J, et al **Endocrinol Exp (Bratisl)** 1985 Mar;19(1):11-5

Secretion of basal gonadotropins after LRH decapeptide and tripeptide. Stimulation in hypogonadotropic hypogonadism. Georgopoulos N, et al. **Endocrinologie** 1984 Oct-Dec;22(4):269-75

A simple test for the hormonal assessment of early puberty in boys. Large DM, et al. **Horm Metab Res** 1984 Jul; 16(7):363-5

Effect of metergoline on prolactin, follicle stimulating hormone, luteinizing hormone and thyroid stimulating hormone response to TRH and LHRH in normal men and women. Sartani A, et al **Horm Metab Res** 1984 Oct; 16(10):535-8

Differentiation of male hypogonadotropic hypogonadism and constitutional delay of puberty by pulsatile administration of gonadotropin-releasing hormone. Partsch CJ, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1196-203

Gonadotropin determinations and thyrotropin-releasing hormone and luteinizing hormone-releasing hormone testing in critically ill postmenopausal women with hypothyroxinemia. Quint AR, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):464-71

Effects of acute stimulation with gonadotropin releasing hormone (GnRH) on biologically active serum luteinizing hormone (LH) in elderly men. Celani MF, et al. **J Endocrinol Invest** 1984 Dec;7(6):589-95

The assessment of hypothalamic pituitary maturation during puberty with a combined clomiphene citrate/GnRH test in boys. de Lange WE, et al. **J Endocrinol Invest** 1984 Dec;7(6):611-4

[Value and limits of conducting several neuro-endocrine tests in the diagnosis of depressive states] Schmitt L, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):166-74 **(Fre)**

GENETICS

Characterization of cDNA for precursor of human luteinizing hormone releasing hormone. Seeburg PH, et al. **Nature** 1984 Oct 18-24;311(5987):666-8

IMMUNOLOGY

Characteristics and bioefficacy of monoclonal antigonadotropin releasing hormone antibody. Gupta SK, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):104-8

Human anti-luteinizing hormone-releasing hormone antibodies in patients treated with synthetic luteinizing hormone-releasing hormone. Meakin JL, et al. **Fertil Steril** 1985 May;43(5):811-3

Immunological castration by a totally synthetic vaccine: modification of biological properties of LH-RH after conjugation to adjuvant-active muramyl peptide. Carelli C, et al. **Int J Immunopharmacol** 1985;7(2):215-24

Monoclonal antibodies against LHRH: development and immunoactivity in vivo and in vitro. Silversides DW, et al. **J Reprod Immunol** 1985 Feb;7(2):171-84

Immunoreactive-beta-endorphin and LHRH levels in the brains of aged male rats with impaired sex behavior. Dorsa DM, et al. **Neurobiol Aging** 1984 Summer;5(2):115-20

A new antiserum with conformational specificity for LHRH: usefulness for radioimmunoassay and immunocytochemistry. Ellinwood WE, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):45-52

A new method for studying pituitary responsiveness in vivo using pulses of LH-RH analogue in ewes passively immunized against native LH-RH. Caraty A, et al. **Reprod Nutr Dev** 1984;24(4):439-48

ISOLATION & PURIFICATION

Isolation and structural characterization of chicken hypothalamic luteinizing hormone releasing hormone. King JA, et al. **J Exp Zool** 1984 Dec;232(3):419-23

[Trp7,Leu8]LH-RH in reptilian brain. Powell RC, et al **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):223-7

METABOLISM

Reduction of pituitary GnRH receptors in immature rats treated with monosodium glutamate. Dalkin AC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E126-31

Modulation of gonadotropin secretion by Sertoli cell inhibin, LHRH, and sex steroids. Massicotte J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E495-504

Studies on the identification of a LHRH-like peptide in the rat testis. Hedger MP, et al. **Ann NY Acad Sci** 1984; 438:371-81

GnRH-like factors in the rat testis and human seminal plasma. Swerdloff RS, et al. **Ann NY Acad Sci** 1984;438:382-9

GnRH secreting cultured fetal rat hypothalamic cells do not degrade GnRH. Keri G, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):87-94

Discrete hypothalamic distribution of luteinizing hormone-releasing hormone (LHRH) content and of LHRH-degrading activity in laying and nonlaying hens. Advis JP, et al. **Biol Reprod** 1985 May;32(4):820-7

Alterations in hypothalamic content of luteinizing hormone-releasing hormone associated with pineal-mediated testicular regression in the golden hamster. Jackson FL, et al. **Biol Reprod** 1984 Oct;31(3):436-45

Changes in luteinizing hormone-releasing hormone content of discrete hypothalamic areas associated with spontaneous and induced preovulatory luteinizing hormone surges in the domestic hen. Johnson AL, et al. **Biol Reprod** 1985 May;32(4):813-9

Immunoreactive forms of luteinizing hormone-releasing hormone in the brains of aging rats exhibiting persistent vaginal estrus. Rubin BS, et al. **Biol Reprod** 1984 Sep; 31(2):343-51

Monosodium glutamate lesions in rat hypothalamus studied by immunohistochemistry for gonadotropin releasing hormone, neurotensin, tyrosine hydroxylase, and glutamic acid decarboxylase and by autoradiography for [3H] estradiol. Jennes L, et al. **Brain Res** 1984 Aug 13; 308(2):245-53

Localization of putative gonadotrophin releasing hormone receptor protein in the anterior pituitary. Zolman JC, et al. **Cell Biochem Funct** 1984 Oct;2(4):208-12

Evidence for an association between calmodulin and membrane patches containing gonadotropin-releasing hormone--receptor complexes in cultured gonadotropes. Jennes L, et al. **Cell Tissue Res** 1985;239(2):311-5

Gonadotropin-releasing hormone (GnRH) neurons and pathways in the rat brain. Merchenthaler I, et al. **Cell Tissue Res** 1984;237(1):15-29

Impaired LH-RH release by estrogen in women with sulpiride-induced hyperprolactinemia. Aono T, et al. **Endocrinol Jpn** 1984 Oct;31(5):571-5

Ontogeny of hypothalamic luteinizing hormone-releasing hormone (GnRH) and pituitary GnRH receptors in fetal and neonatal rats. Aubert ML, et al. **Endocrinology** 1985 Apr;116(4):1565-76

Photoaffinity labeling of pituitary and gonadal receptors for gonadotropin-releasing hormone. Iwashita M, et al. **Endocrinology** 1985 Aug;117(2):738-46

Stimulation of cyclic adenosine 3',5'-monophosphate production enhances hypothalamic luteinizing hormone-releasing hormone release without increasing prostaglandin E2 synthesis: studies in prepubertal female rats. Ojeda SR, et al. **Endocrinology** 1985 Sep;117(3):1175-8

Tunicamycin and neuraminidase effects on luteinizing hormone (LH)-releasing hormone binding and LH release from rat pituitary cells in culture. Schvartz I, et al. **Endocrinology** 1985 Jun;116(6):2341-6

Cytochemical and cytophysiological studies of gonadotropin-releasing hormone (GnRH) target cells in the male rat pituitary: differential effects of androgens and corticosterone on GnRH binding and gonadotropin release. Tibolt RE, et al. **Endocrinology** 1985 Jul;117(1):396-404

Immunoreactive substance P and LH-RH content in median eminence and pituitary gland during proestrus, oestrus, lactation and after anterior hypothalamic deafferentation. Jakubowska-Naziemblo B, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):155-66

Seasonal changes in luteinizing hormone-releasing hormone concentrations in microdissected brain regions of male rough-skinned newts (Taricha granulosa). Zoeller RT, et al. **Gen Comp Endocrinol** 1985 May;58(2):222-30

Luteinizing hormone releasing hormone containing synapses in the diagonal band and preoptic area of the guinea pig. Silverman AJ. **J Comp Neurol** 1984 Aug 10;227(3):452-8

Immunocytochemistry of luteinizing hormone-releasing hormone during spontaneous and thyroxine-induced metamorphosis of bullfrogs. Whalen R, et al. **J Exp Zool** 1985 Apr;234(1):131-44

Synaptic interactions of luteinizing hormone-releasing hormone (LHRH) neurons in the guinea pig preoptic area. Silverman AJ, et al. **J Histochem Cytochem** 1985 Jan; 33(1):69-72

The effects of thymus-derived peptides on hypothalamic LRF and pituitary gonadotropin content in prepubertal congenitally athymic nude mice and their normal heterozygous littermates. Strich G, et al. **J Reprod Immunol** 1985 Jun;7(4):351-9

Immunocytochemical localization in rat brain of a prolactin release-inhibiting sequence of gonadotropin-releasing hormone prohormone. Phillips HS, et al. **Nature** 1985 Aug 8-14;316(6028):542-5

Effects of advancing age on hypothalamic neurotransmitter content and on basal and norepinephrine-stimulated LHRH release. Steger RW, et al. **Neurobiol Aging** 1985 Summer; 6(2):113-6

Progesterone-induced LHRH release in vitro is an estrogen--as well as Ca++- and calmodulin-dependent secretory process. Drouva SV, et al. **Neuroendocrinology** 1985 Apr;40(4):325-31

Noradrenaline and prostaglandin E2 stimulate LH-RH release from rat median eminence through distinct 1-alpha-adrenergic and PGE2 receptors. Heaulme M, et al. **Neuroendocrinology** 1984 Nov;39(5):403-7

Release of prostaglandin E2 from the hypothalamus depends on extracellular Ca2+ availability: relation to LHRH release. Ojeda SR, et al. **Neuroendocrinology** 1984 Nov; 39(5):442-7

Demonstration of serotoninergic axons terminating on luteinizing hormone-releasing hormone neurons in the preoptic area of the rat using a combination of immunocytochemistry and high resolution autoradiography. Kiss J, et al. **Neuroscience** 1985 Jan; 14(1):69-78

Application of the silver-gold intensified 3,3'-diaminobenzidine chromogen to the light and electron microscopic detection of the luteinizing hormone-releasing hormone system of the rat brain. Liposits Z, et al. **Neuroscience** 1984 Oct;13(2):513-25

Quantitative and qualitative effects of ethanol on the LHRH-LH axis of the rat. Dees WL, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:209-13

LHRH neurons and their projections in humans and other mammals: species comparisons. King JC, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:195-207

Comparative disposition of nafarelin and endogenous luteinizing hormone releasing hormone in female rats. Hama KM, et al. **Proc West Pharmacol Soc** 1984;27:303-6

Gonadotropin-releasing hormone binding sites in human breast carcinoma. Eidne KA, et al. **Science** 1985 Sep 6; 229(4717):989-91

[Immunohistochemical research on the development of the LHRH system in the development of the rat] Ugriumov MV, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1425-7 **(Rus)**

PHARMACODYNAMICS

Effects of luteinizing hormone-releasing hormone (LRH) upon bioactive and immunoreactive serum LH in patients with Turner's syndrome before and after oestrogen treatment. Celani MF, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):304-8

Effects of acute stimulation with luteinizing hormone-releasing hormone (LRH) on biologically active and immunoreactive serum luteinizing hormone (LH) in pubertal boys. Montanini V, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):289-94

Pituitary LH responsiveness to GnRH in vitro as related to GnRH receptor number. Baldwin DM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):E651-6

Interaction of inhibin and estrogens on basal and LRH-stimulated gonadotropin levels. Gooren LJ, et al. **Andrologia** 1984 Sep-Oct;16(5):471-6

LH response to LH-RH neonatally estrogenized male rats. Pinilla L, et al. **Andrologia** 1985 May-Jun;17(3):254-6

Photoaffinity labeling of gonadotropin releasing hormone receptors in control and desensitized pituitary cells. Hazum E, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):532-8

Luteinizing hormone-releasing hormone enhances polyphosphoinositide breakdown in rat granulosa cells. Ma F, et al. **Biochem Biophys Res Commun** 1985 Aug 15; 130(3):1201-8

Effects of pulsatile infusion of luteinizing hormone-releasing hormone on luteinizing hormone secretion and ovarian function in hypophysial stalk-transected beef heifers. Awotwi EK, et al. **Biol Reprod** 1984 Dec;31(5):989-99

Gonadotropin-releasing hormone stimulation of pituitary gonadotrope cells produces an increase in intracellular calcium. Clapper DL, et al. **Biol Reprod** 1985 Mar; 32(2):269-78

Ovulatory response, and plasma concentrations of luteinizing hormone and progesterone following administration of synthetic mammalian or chicken luteinizing hormone-releasing hormone relative to the first or second ovulation in the sequence of the domestic hen. Johnson AL, et al. **Biol Reprod** 1984 Nov;31(4):646-55

Development of pituitary gonadotropic cells in the pig fetus and the effect of luteinizing hormone-releasing hormone administration. Meijer JC, et al. **Biol Reprod** 1985 Feb; 32(1):137-43

Muscarine and luteinizing hormone releasing hormone attenuate adrenaline induced hyperpolarization in amphibian sympathetic ganglia. Smith PA, et al. **Br J Pharmacol** 1985 Jan;84(1):221-5

Conjugated catecholamines and pressor responses to angiotensin, luteinizing hormone-releasing hormone and prazosin in conscious toads. Wilson JX. **Br J Pharmacol** 1985 Jul;85(3):647-53

Effects of prostaglandins and luteinizing hormone-releasing hormone on phosphatidic acid-phosphatidylinositol labeling in rat granulosa cells. Minegishi T, et al. **Can J Physiol Pharmacol** 1985 Apr;63(4):320-4

A correlative radioimmunoassay and immunohistochemical study of LHRH-induced LH depletion in the anterior pituitary of male and female neonatal rats in vitro. Watanabe YG, et al. **Cell Tissue Res** 1985;240(1):95-100

Gonadotropin-releasing hormone induces classical meiotic maturation in subpopulations of atretic preantral follicles. Banka CL, et al. **Endocrinology** 1985 Oct;117(4):1500-7

Progesterone decreases the responsiveness of ovine pituitary cultures to luteinizing hormone-releasing hormone. Batra SK, et al. **Endocrinology** 1985 Oct;117(4):1436-40

Differential secretion of O-glycosylated gonadotropin alpha-subunit and luteinizing hormone (LH) in the presence of LH-releasing hormone. Corless CL, et al. **Endocrinology** 1985 Oct;117(4):1699-706

Monosodium glutamate and pituitary gland luteinizing hormone (LH) release in response to LH-releasing hormone: an in vitro study. Dada MO, et al. **Endocrinology** 1985 Jan;116(1):246-51

Hyperprolactinemia inhibits gonadotropin-releasing hormone (GnRH) stimulation of the number of pituitary GnRH receptors. Garcia A, et al. **Endocrinology** 1985 Sep; 117(3):954-9

The rhesus monkey corpus luteum is dependent on pituitary gonadotropin secretion throughout the luteal phase of the menstrual cycle. Hutchison JS, et al. **Endocrinology** 1984 Nov;115(5):1780-6

Direct pituitary effects of testosterone and luteinizing hormone-releasing hormone upon follicle-stimulating hormone: analysis by radioimmuno- and radioreceptor assay. Kennedy J, et al. **Endocrinology** 1985 Feb; 116(2):741-8

Effects of photoperiod, castration, and gonadotropin-releasing hormone (GnRH) on the number of GnRH receptors in male golden hamsters. Pieper DR. **Endocrinology** 1984 Nov;115(5):1857-62

Cortisol suppresses the LH, but not the FSH, response to gonadotropin-releasing hormone after orchidectomy. Ringstrom SJ, et al. **Endocrinology** 1985 Jan;116(1):472-4

Serum luteinizing hormone-releasing hormone (LH-RH) and gonadotropic hormones in men after a bolus dose of LH-RH: comparison of different doses and routes of administration. Fauser BC, et al. **Fertil Steril** 1985 Sep; 44(3):384-9

Seasonal variation in pituitary responsiveness to luteinizing hormone-releasing hormone of mallards and canvasbacks. Bluhm CK. **Gen Comp Endocrinol** 1985 Jun;58(3):491-7

Pimozide modulates the luteinizing hormone-releasing hormone effect on gonadotrophin release in the African catfish, Clarias lazera. de Leeuw R, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):120-7

Effects of chicken (Gln8)- and mammalian (Arg8)-luteinizing hormone-releasing hormones on the release of gonadotrophins in vitro and in vivo from the adenohypophysis of Japanese quail. Hattori A, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):155-61

Structure-activity relationships of mammalian, chicken, and salmon gonadotropin releasing hormones in vivo in goldfish. Peter RE, et al. **Gen Comp Endocrinol** 1985 May; 58(2):231-42

Pituitary responsiveness to superfused GnRH in two species of ranid frogs. Porter DA, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):308-15

The effect of castration, estradiol and LHRH on LH secretion of lambs fed different levels of dietary energy. Fitzgerald JA. **J Anim Sci** 1984 Aug;59(2):460-9

Effects of a single injection of LHRH on the response of anestrous ewes to the introduction of rams. Lopez-Sebastian A, et al. **J Anim Sci** 1984 Aug; 59(2):277-83

Hormonal regulation of cyclic AMP-dependent protein kinase in cultured ovarian granulosa cells. Effects of follicle-stimulating hormone and gonadotropin-releasing hormone. Darbon JM, et al. **J Biol Chem** 1984 Dec 10; 259(23):14778-82

Hormone-induced redistribution of calcium-activated phospholipid-dependent protein kinase in pituitary gonadotrophs. Hirota K, et al. **J Biol Chem** 1985 Mar 25; 260(6):3243-6

Reduction in pituitary desensitization and prolongation of gonadotropin release by estrogen during continuous administration of gonadotropin-releasing hormone in women: its antagonism by progesterone. Araki S, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):590-8

Divergent influences of the structurally dissimilar calcium entry blockers, diltiazem and verapamil, on thyrotropin- and gonadotropin-releasing hormone-stimulated anterior pituitary hormone secretion in man. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):144-9

The priming effect of LH-releasing hormone: effects of cold and involvement of new protein synthesis. Curtis A, et al. **J Endocrinol** 1985 May;105(2):163-8

Pituitary and gonadal response to exogenous LH-releasing hormone in the male domestic cat. Goodrowe KL, et al. **J Endocrinol** 1985 May;105(2):175-81

Changes in pituitary responsiveness to LH-releasing hormone after acute buserelin treatment: a time-course and dose-response study. Heather JD, et al. **J Endocrinol** 1985 Jul;106(1):27-30

The role of microfilaments in the priming effect of LH-releasing hormone: an ultrastructural study using cytochalasin B. Lewis CE, et al. **J Endocrinol** 1985 Aug; 106(2):211-8

Blockade of LH and FSH secretion by LH-releasing hormone, by the LH-releasing hormone analogue, buserelin, and by combined treatment with LH-releasing hormone and oestradiol benzoate. Schuiling GA, et al. **J Endocrinol** 1984 Dec;103(3):301-9

Stress or acute adrenocorticotrophin treatment suppresses LHRH-induced LH release in the ram. Matteri RL, et al. **J Reprod Fertil** 1984 Nov;72(2):385-93

Administration of GnRH in vivo stimulates progesterone and inhibits androgen accumulation by ovarian follicles isolated from pubertal rabbits. YoungLai EV. **J Steroid Biochem** 1985 Jan;22(1):91-6

Pituitary gonadotropin secretion after two consecutive administrations of LH-RH in normal subjects. Lin BL, et al. **Keio J Med** 1983 Dec;32(3-4):113-21

Relationship of hormonally induced developmental changes in preovulatory follicles of the rabbit. Bonhoff AJ, et al. **Lab Anim** 1985 Jan;19(1):27-31

Effects of dopamine and norepinephrine on in vitro spontaneous and gonadotropin-releasing hormone-induced gonadotropin release by dispersed cells or fragments of the goldfish pituitary. Chang JP, et al. **Life Sci** 1984 Nov 12; 35(20):2027-33

Luteinizing hormone releasing hormone mediates naloxone's effects on serum luteinizing hormone levels in normal and morphine-sensitized male rats. Cicero TJ, et al. **Life Sci** 1985 Aug 5;37(5):467-74

Response of superfused goldfish pituitary fragments to mammalian and salmon gonadotropin-releasing hormones. MacKenzie DS, et al. **Life Sci** 1984 Nov 12;35(20):2019-26

Further studies on basal immunoreactive luteinizing hormone (LH), serum testosterone and pituitary responsiveness to luteinizing hormone releasing hormone (LH-RH) in elderly men. Marrama P, et al. **Minerva Endocrinol** 1984 Jan-Mar; 9(1):1-6

Growth of human breast cancer cells inhibited by a luteinizing hormone-releasing hormone agonist. Miller WR, et al. **Nature** 1985 Jan 17-23;313(5999):231-3

Progesterone and the control of functional luteolysis, of secretion of prolactin and of pituitary LHRH responsiveness. A study with pseudopregnant rats kept in alternating and constant lighting conditions. Schuiling GA, et al. **Neuroendocrinology** 1985 Jul;41(1):52-9

Apparent lack of involvement of cAMP as a mediator of LHRH stimulation of nuclear estrogen receptor activity in the rat anterior pituitary. Singh P, et al. **Neuroendocrinology** 1985 May;40(5):430-7

Effects of progesterone on the pituitary responsiveness to, and priming effect of luteinizing hormone releasing hormone in female rats exposed to constant light. Wa AG, et al. **Neuroendocrinology** 1985 Feb;40(2):152-9

Shifts in gonadotropin storage in cultured gonadotrope following GnRH stimulation, in vitro. Childs GV. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):103-7

LHRH and mating behavior: sexual receptivity versus sexual preference. Dudley CA, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):967-72

Long-term superfusion of rat pituitary cells: interaction of 17 beta-estradiol with pulses of gonadotropin-releasing hormone on luteinizing hormone release. Liu TC, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):296-302

Induction of the self-priming effect of luteinizing hormone releasing hormone during the sexual maturation of the male rat. Nazian SJ. **Proc Soc Exp Biol Med** 1985 Jul; 179(3):348-51

Luteinizing-hormone-releasing hormone modifies retention of passive and active avoidance responses in rats. Mora S, et al. **Psychopharmacology (Berlin)** 1985;85(3):315-8

Study of the direct effect of LHRH agonist on testicular 17-hydroxylase and 5 alpha-reductase activities in non-hypophysectomized adult rats treated with an anti-luteinizing hormone serum. Carmichael R, et al. **Steroids** 1984 Jan;43(1):1-12

[LHRH stimulates the secretion of an 87 K protein by cultured gonadotrophic cells] Hubert JF, et al. **C R Acad Sci [III]** 1985;300(16):613-6 (Eng. Abstr.) **(Fre)**

[Reproductive conditioning of the partridge (Perdix perdix) with GnRH and an increase in the photoperiod] Mino P, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1153-9 (Eng. Abstr.) **(Ita)**

[Effects of iontophoretically-applied LHRH, TRH, estrogen and clomiphene on thermo-sensitive neurons in the rat hypothalamus] Inagaki K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):611-8 (Eng. Abstr.) **(Jpn)**

[Biological and immunological characterization of human luteinizing hormone in plasma discharged by LH-RH infusion in normal adult women] Yano M. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):703-12 (Eng. Abstr.) **(Jpn)**

[Sensitivity of pituitary gonadotropins to luliberin in women using intrauterine contraceptive devices] Kononova ES, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):60 **(Rus)**

[Non-classic effects of luliberin confirming the pleiotropy of neuropeptides] Bakharev VD, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):164-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Regulation versus modulation in GnRH receptor function. Zolman JC, et al. **Am J Med Sci** 1985 Mar;289(3):91-7

Dynamic model of gonadotropin-releasing hormone receptor function. Zolman JC. **Am J Physiol** 1985 Mar;248(3 Pt 2):R312-9

Control of steroidogenesis in Leydig cells: roles of Ca2+ and lipoxygenase products in LH and LHRH agonist action. Cooke BA, et al. **Ann NY Acad Sci** 1984;438:269-82

LHRH self-priming in the male: effect of multiple priming injections in the immature rat. Nazian SJ. **Arch Androl** 1984; 13(2-3):241-4

Maternal modulation of infantile ovarian development and available ovarian luteinizing hormone-releasing hormone (LHRH) receptors via milk LHRH. Smith SS, et al. **Endocrinology** 1984 Nov;115(5):1973-83

Prolonged suppression of plasma LH levels in male rats after a single injection of an LH-RH agonist in poly(DL-lactide-co-glycolide) microcapsules. Asch RH, et al. **J Androl** 1985 Mar-Apr;6(2):83-8

Regulation of gonadotropin release, GnRH receptors, and gonadotrope responsiveness: a role for GnRH receptor microaggregation. Conn PM, et al. **J Cell Biochem** 1985; 27(1):13-21 (38 ref.)

Structure-activity relations of LHRH in birds. Millar RP, et al. **J Exp Zool** 1984 Dec;232(3):425-30 (30 ref.)

Induction of early rutting in male red deer (Cervus elaphus) by melatonin and its dependence on LHRH. Lincoln GA, et al. **J Reprod Fertil** 1984 Nov;72(2):339-43

Changes in pituitary and ovarian LHRH receptors after active immunization of female rats against LH or LHRH. Popkin RM, et al. **J Reprod Fertil** 1985 Mar;73(2):491-6

Neuroendocrine regulation of luteinizing hormone and follicle stimulating hormone: a review. Chappel SC. **Life Sci** 1985 Jan 14;36(2):97-103 (87 ref.)

Effect of an intranasal LHRH agonist on gonadotrophins and hot flushes in post-menopausal women. Shaw RW, et al. **Maturitas** 1985 Jul;7(2):161-7

Cation-dependent gonadotropin releasing hormone activation of guanylate cyclase. Vesely DL. **Mol Cell Biochem** 1985 Mar;66(2):145-9

The mechanisms of LHRH agonist action in gonadal tissues. Cooke BA, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2-3):115-22 (68 ref.)

Has the prolactin inhibiting peptide at last been found? [news] Fink G. **Nature** 1985 Aug 8-14;316(6028):487-8

A prolactin-inhibiting factor within the precursor for human gonadotropin-releasing hormone. Nikolics K, et al.

Nature 1985 Aug 8–14;316(6028):511–7

Antiserum to LH-RH blocks haloperidol-induced hyperprolactinemia in female rats. Debeljuk L, et al. **Neuroendocrinology** 1985 Feb;40(2):185–7

[Clinical significance of LHRH and its analogs] Smals AG. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):15–20 (37 ref.) **(Dut)**

[LH-RH agonist buserelin] **Med Monatsschr Pharm** 1984 Nov;7(11):322–3 **(Ger)**

SECRETION

Hydrocortisone elicits the effect of clomiphene citrate on luteinizing hormone-releasing hormone release in vitro. Miyake A, et al. **Acta Endocrinol (Copenh)** 1984 Oct;107(2):145–8

A role for extracellular copper in modulating prostaglandin E2 (PGE2) action: facilitation of PGE2 stimulation of the release of gonadotropin-releasing hormone (LHRH) from median eminence explants. Barnea A, et al. **Endocrinology** 1985 Jul;117(1):415–7

Effects of ovarian hormones on the concentrations of immunoreactive neuropeptide Y in discrete brain regions of the female rat: correlation with serum luteinizing hormone (LH) and median eminence LH-releasing hormone. Crowley WR, et al. **Endocrinology** 1985 Sep;117(3):1151–5

Electrophysiological manifestation of luteinizing hormone-releasing hormone pulse generator activity in the rhesus monkey: influence of alpha-adrenergic and dopaminergic blocking agents. Kaufman JM, et al. **Endocrinology** 1985 Apr;116(4):1327–33

In vitro luteinizing hormone-releasing hormone release from superfused rat hypothalami: site of action of progesterone and effect of estrogen priming. Kim K, et al. **Endocrinology** 1985 Jan;116(1):252–8

In vivo gonadotropin-releasing hormone release and serum luteinizing hormone measurements in ovariectomized, estrogen-treated rhesus macaques. Levine JE, et al. **Endocrinology** 1985 Aug;117(2):711–21

In vitro gonadotropin-releasing hormone release from hypothalamic tissues of ovariectomized estrogen-treated cynomolgus macaques. Levine JE, et al. **Endocrinology** 1985 Jan;116(1):431–8

Prostaglandin E2-induced luteinizing hormone-releasing hormone release involves mobilization of intracellular Ca+2. Ojeda SR, et al. **Endocrinology** 1985 May;116(5):1763–70

Evidence for decreased luteinizing hormone-releasing hormone pulse frequency in men with selective elevations of follicle-stimulating hormone. Gross KM, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):197–202

Effects of hyperprolactinaemia and testosterone on the release of LH-releasing hormone and the gonadotrophins in intact and castrated rats. Brar AK, et al. **J Endocrinol** 1985 Jan;104(1):35–43

Release of LHRH in vitro and anterior pituitary responsiveness to LHRH in vivo during sexual maturation in pullets (Gallus domesticus). Knight PG, et al. **J Reprod Fertil** 1985 May;74(1):145–51

Lipoxygenase products of arachidonic acid stimulate LHRH release from rat median eminence. Gerozissis K, et al. **Neuroendocrinology** 1985 Mar;40(3):272–6

Responsiveness of immature versus adult male rat hypothalami to dibutyryl cyclic AMP- and forskolin-induced LHRH release in vitro. Hartter DE, et al. **Neuroendocrinology** 1985 Jun;40(6):476–82

The actions of prostaglandin E2, naloxone and testosterone on starvation-induced suppression of luteinizing hormone-releasing hormone and luteinizing-hormone secretion. In vitro and in vivo studies. Küderling I, et al. **Neuroendocrinology** 1984 Dec;39(6):530–7

Effects of naloxone on catecholamine and LHRH release from the perifused hypothalamus of the steroid-primed rat. Leadem CA, et al. **Neuroendocrinology** 1985 Jun;40(6):497–500

Synaptology of luteinizing hormone-releasing hormone neurons in rat preoptic area. Witkin JW, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):263–71

A ligand-specific action of chelated copper on hypothalamic neurons: stimulation of the release of luteinizing hormone-releasing hormone from median eminence explants. Barnea A, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7656–60

Possible negative ultra-short loop feedback of luteinizing hormone releasing hormone (LHRH) in the ovariectomized rat. Bedran de Castro JC, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):132–5

A role for hypothalamic catecholamines in the regulation of gonadotropin secretion. Barraclough CA, et al. **Recent Prog Horm Res** 1984;40:487–529 (60 ref.)

THERAPEUTIC USE

Treatment of hypothalamic infertility with pulsatile GN-RH administration. Turla R, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):445–8

Successful treatment of anovulatory sterility by use of pulsatile GN-RH application. Wiegand M, et al. **Acta Eur Fertil** 1984 Nov–Dec;15(6):467–8

NIH conference. Therapeutic applications of luteinizing-hormone-releasing hormone and its analogs. Cutler GB Jr, et al. **Ann Intern Med** 1985 May;102(5):643–57

Diagnostic and therapeutic uses of gonadotropin-releasing hormone. Hammond CB, et al. **Arch Intern Med** 1985 Sep;145(9):1690–7 (75 ref.)

Induction of puberty in a patient with hypogonadotropic hypogonadism by pulsatile, subcutaneous infusions of LH-RH. Vierhapper H. **Exp Clin Endocrinol** 1984 Jul;84(1):126–8

Induction of puberty in a patient with hypogonadotropic hypogonadism: effect of sequentially applied hCG and pulsatile GnRH administration. Klingmüller D, et al. **Horm Metab Res** 1985 Jul;17(7):358–61

Studies on six patients with isolated hypogonadotropic hypogonadism--the response to a short course of pulsatile LHRH. Hawthorne GC, et al. **Ir J Med Sci** 1985 Jun;154(6):232–6

Events surrounding the initiation of puberty with long term subcutaneous pulsatile gonadotropin-releasing hormone in a female patient with Kallman's syndrome. Seibel MM, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):575–9

Induction of oestrus and ovulation by means of prostaglandin and gonadoliberin (GnRH) treatment in an old mare barren for two breeding seasons. Penzhorn BL, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):53–4

LHRH: clinical applications growing [news] Ziporyn T. **JAMA** 1985 Jan 25;253(4):469–71, 475–6

Hypothalamic hypopituitarism in a patient with a basal encephalocoele--treatment with luteinizing hormone-releasing hormone. Morris DV, et al. **Postgrad Med J** 1984 Sep;60(707):597–604

Results of a Dutch Phase II trial with the LHRH agonist buserelin in patients with metastatic prostatic cancer. Debruyne FM, et al. **Prog Clin Biol Res** 1985;185A:251–70

Response of a cryptorchid stallion to vaccination against luteinising hormone releasing hormone. Schanbacher BD, et al. **Vet Rec** 1985 Jan 19;116(3):74–5

[Treatment of undescended testicles with gonadorelin (LH-RH) via nose spray; initial experiences and results] de Muinck Keizer-Schrama SM, et al. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2081–4 (Eng. Abstr.) **(Dut)**

[Hormonal treatment of undescended testicles with gonadorelin (LH-RH)] Scholtmeijer RJ. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2100–1 **(Dut)**

[Results of intranasal administration of synthetic luteinizing hormone-releasing hormone for nondescended testes] Wit JM, et al. **Ned Tijdschr Geneeskd** 1985 Feb 16;129(7):300–4 (Eng. Abstr.) **(Dut)**

[Hormonal manipulation of disseminated prostatic cancer] Mahler C, et al. **Acta Urol Belg** 1984;52(4):593–9 (Eng. Abstr.) **(Fre)**

[Anovulation of hypothalamic origin. Treatment by pulsatile injection of hypothalamic gonadotropin releasing hormone] Schaison G, et al. **Presse Med** 1984 Nov 17;13(41):2511–5 (Eng. Abstr.) **(Fre)**

[Therapy with neuropeptide agonists and antagonists] Sandow J. **Internist (Berlin)** 1985 May;26(5):275–9 **(Ger)**

[Pulsatile LHRH therapy in male hypogonadism] Wagner TO. **Internist (Berlin)** 1985 May;26(5):271–4 **(Ger)**

[Treatment of cryptorchism with LHRH nasal spray] Borkenstein M, et al. **Wien Klin Wochenschr** 1985 Apr 26;97(9):414–6 (Eng. Abstr.) **(Ger)**

[4 years' experience with combined hormonal treatment of cryptorchism] Hadžiselimović F, et al. **Z Kinderchir** 1984 Oct;39(5):324–7 (Eng. Abstr.) **(Ger)**

[LHRH agonists in the treatment of advanced prostatic carcinoma (editorial)] Cohen Y. **Harefuah** 1984 Oct;107(7–8):210–2 **(Heb)**

[Gonadotropin response in men with central hypogonadism following LHRH therapy] Irsy G, et al. **Orv Hetil** 1985 Jun 9;126(23):1397–400 (Eng. Abstr.) **(Hun)**

[Current topics in hormone therapy] Kumasaka T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):803–7 **(Jpn)**

[New aspects of anti-androgenic therapy of prostatic cancer] Portnoi AS. **Urol Nefrol (Mosk)** 1985 May–Jun;(3):69–73 (43 ref.) **(Rus)**

LH RELEASING HORMONE see **LH-FSH RELEASING HORMONE**

LIBIDO

The relationship between cognitive and erectile measures of sexual arousal in non-rapist males as a function of depicted aggression. Blader JC, et al. **Behav Res Ther** 1984;22(6):623–30

Sexual fantasy and activity patterns of males with inhibited sexual desire and males with erectile dysfunction versus normal controls. Nutter DE, et al. **J Sex Marital Ther** 1985 Summer;11(2):91–8

Guided imagery of female sexual assertiveness: turn on or turn off? Sirkin MI, et al. **J Sex Marital Ther** 1985 Spring;11(1):41–50

Photoperiodic influences on reproduction of domestic boars. II. Light influences on semen characteristics and libido. Claus R, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):99–109

[Pre or posthysterectomy syndrome?] van Eyck J, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1039–41 **(Dut)**

[The ambitio-impulse different from narcissism] Bour P. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1173–90 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

The effect of oral medroxyprogesterone acetate and methyltestosterone on sexual functioning in a male contraceptive trial. Doody K, et al. **Contraception** 1985 Jan;31(1):65–70

Selective inhibition of spermatogenesis in the presence of normal libido following combined treatment with an LHRH agonist and testosterone in the dog. Tremblay Y, et al. **Contraception** 1984 Dec;30(6):585–8

Long-term treatment with cimetidine does not essentially affect the hypothalamic-pituitary-gonadal axis in man. Bianchi Porro G, et al. **Hepatogastroenterology** 1985 Apr;32(2):77–80

Alcohol, selective attention and sexual arousal in men. Wilson GT, et al. **J Stud Alcohol** 1985 Mar;46(2):107–15

Androgen enhances sexual motivation in females: a prospective, crossover study of sex steroid administration in the surgical menopause. Sherwin BB, et al. **Psychosom Med** 1985 Jul–Aug;47(4):339–51

[Side-effects of drugs on the male sexual function] Przybilla B, et al. **Z Hautkr** 1985 Jul 15;60(14):1105–8, 1113–4, 1119–22 (42 ref.) (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Anxiety and sexual arousal [letter] Cameron OG, et al. **Am J Psychiatry** 1985 Jun;142(6):782–3

The use of penile tumescence measures with incarcerated rapists: further validity issues. Murphy WD, et al. **Arch Sex Behav** 1984 Dec;13(6):545–54

Volunteer bias in erotica research: effects of intrusiveness of measure and sexual background. Wolchik SA, et al. **Arch Sex Behav** 1985 Apr;14(2):93–107

Plasma testosterone levels, depression, sexuality, and age. Yesavage JA, et al. **Biol Psychiatry** 1985 Feb;20(2):222–5

Groin skin temperature: testing the validity of a relatively unobtrusive physiological measure of psychosexual arousal. Rubinsky HJ, et al. **Psychophysiology** 1985 Jul;22(4):488–92

LIBMAN-SACKS DISEASE see **LUPUS ERYTHEMATOSUS, SYSTEMIC**

LIBRARIANSHIP see **LIBRARY SCIENCE**

LIBRARIES

Some thoughts on books, journals, electronic publications, libraries and librarians. Almagro BR. **Ariz Med** 1985 Jun;42(6):375–7

A cooperative medical library/public library book sale: new avenue for marketing the academic health sciences library. Battistella MS. **Bull Med Libr Assoc** 1985 Jul;73(3):283–5

Telling patients about lupus [letter] Hodgson J. **Lancet** 1985 Sep 21;2(8456):670

Osler's bedside library revisited. Reynolds RC. **Pharos** 1985 Spring;48(2):34–6

[Asian psychology journals in German libraries] Petzold M. **Arch Psychol (Frankf)** 1985;137(1):51–64 (Eng. Abstr.) **(Ger)**

ECONOMICS

The effect of U.S. policies on the economics of libraries. Cummings MM. **Bull Med Libr Assoc** 1985 Jan;73(1):1–8

HISTORY

The Osler-endowed Tudor and Stuart Club. Harrell GT. **Pharos** 1984 Summer;47(3):23–6

[The Renaissance, the 'Republic of letters' and medicine] Gysel G. **Rev Belge Med Dent** 1984 Jun–Jul;39(3):99–105 **(Fre)**

UTILIZATION

A library skills program serving adults with mental retardation: an interdisciplinary approach. Hurff JM, et al. **Am J Occup Ther** 1985 Apr;39(4):233–9

LIBRARIES, HEALTH SCIENCE see **LIBRARIES, MEDICAL**

LIBRARIES, HOSPITAL

Integrated information management and hospital libraries. Buchanan HS, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):47–54

Implications of an AHEC library program evaluation: considerations for small rural hospitals. Jensen MA, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):59–61

RESCUE: an audiovisual rescue squad consortium. McCarthy JC. **Bull Med Libr Assoc** 1985 Jan;73(1):61–3

Microcomputer applications in a hospital library. Williams T. **Bull Med Libr Assoc** 1985 Apr;73(2):207–10

Evaluation of a computer-based clinical reference library in an ICU. Burridge PW, et al. **Crit Care Med** 1985 Sep;13(9):763–6

ECONOMICS

Expanded roles for hospital libraries: a direction for successful change. Reel LB. **Bull Med Libr Assoc** 1985 Jan;73(1):55–8

HISTORY

Hospital libraries in the United States: historical antecedents. Wolfgram PA. **Bull Med Libr Assoc** 1985 Jan;73(1):32–8

ORGANIZATION & ADMINISTRATION

Hospital library surveys for management and planning: past and future directions. Van Toll FA, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):39–42

[Use of the scientific information potential of a multi-profile therapeutic-prophylactic institution] Novikova TP, et al. **Vrach Delo** 1985 May;(5):5–9 **(Rus)**

STANDARDS

Quality assurance at work: improving library services. Kirchner E. **Dimens Health Serv** 1985 Jan;62(1):26–7

LIBRARIES, MEDICAL

Selected list of books and journals for an anesthesia library. Meranze J, et al. **Anesthesiology** 1985 Jun;62(6):781–5

New technologies in a medium-size medical library: voice mail at the Bowman Gray School of Medicine. Anderson S, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):206–7

A cooperative medical library/public library book sale: new avenue for marketing the academic health sciences library. Battistella MS. **Bull Med Libr Assoc** 1985 Jul;73(3):283–5

Implementing change: the installation of an integrated library system at UTHSCSA. Bowden VM, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):271–7

Selected list of books and journals for the small medical library. Brandon AN, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):176–205

Selected list of books and journals in allied health sciences. Brandon AN, et al. **Bull Med Libr Assoc** 1984 Oct;72(4):373–91

The mini MEDLINE SYSTEM: a library-based end-user search system. Broering NC. **Bull Med Libr Assoc** 1985 Apr;73(2):138–45

The ergonomics/human factors approach to health sciences libraries. Bube JL. **Bull Med Libr Assoc** 1985 Jul;73(3):254–8

Bibliographic control of audiovisuals: analysis of a cataloging project using OCLC. Curtis JA, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):132–7

Hiring during a hiring freeze: the statistical edge. Heiberger EH. **Bull Med Libr Assoc** 1984 Oct;72(4):392–4

A checklist for planning and designing audiovisual facilities in health sciences libraries. Holland GJ, et al. **Bull Med Libr Assoc** 1984 Oct;72(4):362–9

BACS: evolution of an integrated library system toward information management. Kelly EA, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):9–14

British-U.S. job exchange. Knobloch SS. **Bull Med Libr Assoc** 1985 Jul;73(3):285–7

The book availability study as an objective measure of performance in a health sciences library. Kolner SJ, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):121–31

The new library building at the University of Texas Health Science Center at San Antonio. Kronick DA, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):168–75

Journal use in a clinical librarian program. Miller N. **Bull Med Libr Assoc** 1984 Oct;72(4):395–6

Health care machine-readable data files: secondary analysis, access, and the role of the library. Mullner RM, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):238–41

Bibliographic research and critical inquiry: a learning module for graduate students in health services administration. Smith MD, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):242–8

Getting started with electronic mail. Van Vuren DD, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):267–70

Goals, objectives, and competencies for reference service: a training program at the UCLA Biomedical Library. Walters RJ, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):160–7

Personal/departmental journal subscriptions: comment [letter] Winter MF. **Bull Med Libr Assoc** 1985 Jan;73(1):71–2

HISTORY

Dr. Lawrence Reynolds and his medical history collection. Weaver B, et al. **Ala J Med Sci** 1984 Oct;21(4):441–7

A brief history of medical libraries. Almagro BR. **Ariz Med** 1985 Mar;42(3):176–8

Looking backward, 1984–1959: twenty-five years of library automation--a personal view. Pizer IH. **Bull Med Libr Assoc** 1984 Oct;72(4):335–48

History of medicine. The South African Medical Society, c. 1827-1846. Blumberg C. **S Afr Med J** 1985 Aug 17;68(4):267–9

[The Renaissance, the 'Republic of letters' and medicine] Gysel G. **Rev Belge Med Dent** 1984 Jun-Jul;39(3):99–105 **(Fre)**

INSTRUMENTATION

Establishing a microcomputer lab in a medical university library. Schlatter MW, et al. **J Biocommun** 1985 May;12(2):22–5

ORGANIZATION & ADMINISTRATION

Program planning for the community teaching hospital medical library. McCorkel J, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):263–6

STANDARDS

Medical libraries, medicine, and the humanities. Almagro BR. **Ariz Med** 1984 Sep;41(9):619–20

TRENDS

Down on the farm. Rogers FB. **Bull Med Libr Assoc** 1985 Jan;73(1):15–20

[The future of medical publications] Vinken PJ. **Ned Tijdschr Geneeskd** 1984 Oct 13;128(41):1963–4 **(Dut)**

UTILIZATION

The library in medical education. Okeke MO. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):111–3

The experience of a department of medicine with a clinical medical library service. Miller N, et al. **J Med Educ** 1985 May;60(5):367–73

LIBRARIES, NURSING

Libraries offer lifelong learning [interview by Kathleen Justice] Katsh S, et al. **AORN J** 1985 Apr;41(4):776–80

From skills lab to learning resource center: transformation through collaboration. Dunn SC, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):210–2

Organizational dynamics of an NLM-grant-funded consortium: the Nursing Information Consortium of Orange County. Loepprich JC, et al. **Bull Med Libr Assoc** 1985 Jul;73(3):249–53

LIBRARY ASSOCIATIONS

Response of the Medical Library Association to the Report of the Register of Copyrights to Congress Library Reproduction of Copyrighted Works (17 U.S.C. 108) [editorial] McClure L, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):66–9

Medical Library Association position on the National Library of Medicine's pricing policy [editorial] Palmer RA. **Bull Med Libr Assoc** 1984 Oct;72(4):397–9

Writing for publication: barriers and bridges [editorial] Weaver CG. **Bull Med Libr Assoc** 1985 Apr;73(2):213–4

LIBRARY SCIENCE

Clinical medical librarianship: a review of the literature. Cimpl K. **Bull Med Libr Assoc** 1985 Jan;73(1):21–8 (59 ref.)

Goals, objectives, and competencies for reference service: a training program at the UCLA Biomedical Library. Walters RJ, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):160–7

The experience of a department of medicine with a clinical medical library service. Miller N, et al. **J Med Educ** 1985 May;60(5):367–73

LIBRARY SERVICES

New technologies in a medium-size medical library: voice mail at the Bowman Gray School of Medicine. Anderson S, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):206–7

The book availability study as an objective measure of performance in a health sciences library. Kolner SJ, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):121–31

Journal use in a clinical librarian program. Miller N. **Bull Med Libr Assoc** 1984 Oct;72(4):395–6

Writing for publication: barriers and bridges [editorial] Weaver CG. **Bull Med Libr Assoc** 1985 Apr;73(2):213–4

ECONOMICS

Evaluating the impact of library services on the quality and cost of medical care. Hardy MC, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):43–6

Medical Library Association position on the National Library of Medicine's pricing policy [editorial] Palmer RA. **Bull Med Libr Assoc** 1984 Oct;72(4):397–9

EDUCATION

Goals, objectives, and competencies for reference service: a training program at the UCLA Biomedical Library. Walters RJ, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):160–7

ORGANIZATION & ADMINISTRATION

Lithium Information Center: The Lithium Library revisited. Greist JH, et al. **J Clin Psychiatry** 1985 Aug;46(8):327–31

STANDARDS

Quality assurance at work: improving library services. Kirchner E. **Dimens Health Serv** 1985 Jan;62(1):26–7

TRENDS

The future of medical information and medical libraries. Friedman RB. **Bull NY Acad Med** 1985 Apr;61(3):290–7

LIBRARY SURVEYS

TRENDS

Hospital library surveys for management and planning: past and future directions. Van Toll FA, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):39–42

LIBRARY TECHNICAL SERVICES

Bibliographic control of audiovisuals: analysis of a cataloging project using OCLC. Curtis JA, et al. **Bull Med Libr Assoc** 1985 Apr;73(2):132–7

BACS: evolution of an integrated library system toward information management. Kelly EA, et al. **Bull Med Libr Assoc** 1985 Jan;73(1):9–14

LICE

see related
PEDICULOSIS

The eradication of Damalinia ovis by spraying insecticide onto the tip of the wool. Wilkinson FC. **Aust Vet J** 1985 Jan;62(1):18–20

P(h)thirus pubis and lindane resistance [letter] Parish LC. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):889–90

The shell cracker, Lepomis microlophus (Gunther), a new host for Argulus maculosus (Wilson). Knuckles JL. **J Parasitol** 1984 Jun;70(3):371

[Lice--a growing plague] Frank W. **Med Monatsschr Pharm** 1985 Mar;8(3):68–79 **(Ger)**

CLASSIFICATION

Ectoparasites of vertebrates cohabiting black-tailed prairie dog towns in eastern New Mexico. Pfaffenberger GS, et al. **J Wildl Dis** 1985 Jan;21(1):69–72

DRUG EFFECTS

[The efficacy of malathion against head lice] de Boer R, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):793–6 (Eng. Abstr.) **(Dut)**

MICROBIOLOGY

[Antibiotic sensitivity of the erythromycin-resistant strain E of Rickettsia prowazekii cultured in the vector's body] Klimchuk ND, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):41–5 (Eng. Abstr.) **(Rus)**

LICE, PLANT see **APHIDS**

LICENSES see **LICENSURE**

LICENSURE

Driver licensing age and lifestyles of 16 year olds. Preusser DF, et al. **Am J Public Health** 1985 Apr;75(4):358–60

Licensing. Sorby WA, et al. **Australas Radiol** 1984 Nov;28(4):282–3

USDA licensing policy for biologicals produced by R-DNA. Espeseth DA, et al. **Dev Biol Stand** 1985;59:167–73

License requirements for recombinant DNA veterinary biologics in U.S.A. La Salle B. **Dev Biol Stand** 1985;59:181–4

Assuring the continued competence of licensed optometrists: a modest proposal. Shimberg B. **J Am Optom Assoc** 1984 Oct;55(10):786–8

Licensing boards and approval of veterinary educational programs. Hannah HW. **J Am Vet Med Assoc** 1984 Oct 1;185(7):750

Report from the Office of Governmental Affairs. The 1984 legislative experience: allied health professionals and other legislative issues. Knight SJ, et al. **J La State Med Soc** 1985 Feb;137(2):33–41 concl

Licensing and provision of medicines in the United Kingdom. An appraisal. Collier J. **Lancet** 1985 Aug 17;2(8451):377–81

Obstacles to the practice of licensed lay midwifery. Sullivan DA, et al. **Soc Sci Med** 1984;19(11):1189–96

[Statistical data for 1971-1982 on motor vehicle numbers, traffic discipline, road traffic accidents, license suspensions, license prohibitions and multiple traffic offenders with regard to drunkenness at the wheel] Emmerich E. **Blutalkohol** 1984 Jan;21(1):3–13 (Eng. Abstr.) **(Ger)**

[Driver's license regulations in the light of the criminal justice compensation law] Grohmann P. **Blutalkohol** 1985 May;22(3):233–41 (Eng. Abstr.) **(Ger)**

LICENSURE, DENTAL

The use of live patients in clinical board examinations: the debate. **J Am Dent Assoc** 1985 Feb;110(2):164–70

The debate goes on [letter] **J Am Dent Assoc** 1985 May;110(5):662, 664

To test or not to test [letter] **J Am Dent Assoc** 1985 Jun;110(6):872, 874

Licensure by credentials. Is it working? **J Am Dent Assoc** 1985 Jul;111(1):18–32

Professional disciplinary proceedings and the licensed dental practitioner. Moskowitz DP, et al. **NY State Dent J** 1984 Aug-Sep;50(7):437–9

LICENSURE, HOSPITAL see under **LICENSURE**

LICENSURE, INSTITUTIONAL, PERSONNEL see **LICENSURE**

LICENSURE, MEDICAL

Graduates of foreign medical schools: false hope [letter] **Can Med Assoc J** 1985 May 15;132(10):1107-8

Medical license: cherished possession. Malta FJ. **J Med Soc NJ** 1985 Apr;82(4):287-8

The ethics of professional regulation by the state boards [letter] **N Engl J Med** 1985 Aug 8;313(6):390-1

The ethics of professional regulation. Feinstein RJ. **N Engl J Med** 1985 Mar 21;312(12):801-4

Professional regulation and the state medical boards [editorial] Relman AS. **N Engl J Med** 1985 Mar 21; 312(12):784-5

Warnock proposals in trouble [editorial] **Nature** 1985 Feb 7-13;313(6002):417

Restoration of the license to practice medicine. Wood WL Jr, et al. **NY State J Med** 1984 Dec;84(12):605-7

Social functions of medical licensing: a case study of Soviet immigrant physicians in Israel. Shuval JT. **Soc Sci Med** 1985;20(9):901-9

[Denial of diplomas in homeopathy by medical schools] Gounelle de Pontanel H, et al. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):429-34 **(Fre)**

[Preparation of residents in surgical specialties for board examinations] Siegal B, et al. **Harefuah** 1983 Oct 16; 105(8):231-2 (Eng. Abstr.) **(Heb)**

[Improvement of the examination for medical practitioners] Abe R. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):117-20 **(Jpn)**

[Committee report on the medical licensure system in Japan--1984] **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct;36(10):2047-54 **(Jpn)**

HISTORY

Women and the GMC. Scott JM. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1764-7

A strange case: the physician licensure campaign in Massachusetts in 1880. Baker SL. **J Hist Med Allied Sci** 1985 Jul;40(3):286-308

Provincial registration in New Zealand. Wright-St Clair RE. **NZ Med J** 1985 Jun 12;98(780):440-3

The origins of medical registration in Singapore (Part II). Lee YK. **Singapore Med J** 1983 Dec;24(6):383-90

Doctors and credentials--the roots of uncertainty. Rosenberg CE. **Trans Stud Coll Physicians Phila** 1984 Dec; 6(4):295-302

LICENSURE, NURSING

At issue: titling and licensure. Hood G. **Am J Nurs** 1985 May;85(5):592, 594

Time to talk about licensure [editorial] Mallison MB. **Am J Nurs** 1984 Nov;84(11):1353

Passing the state board examination. Sisca JR, et al. **J Nurs Educ** 1984 Oct;23(8):358-61

Selected pre-admission and academic correlates of success on State Board Examinations. Yocom CJ, et al. **J Nurs Educ** 1985 Jun;24(6):244-9

Advanced licensure: mistake or necessity? Setting standards for specialty practice. Bittle S, et al. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):26-8

HISTORY

The nurse registration movement in Great Britain. Birnbach N. **ANS** 1985 Jan;7(2):13-9

LICENSURE, PHARMACY

STANDARDS

A survey of state board of pharmacy members and continuing education providers' views on continuing education. Osterhaus JT, et al. **Drug Intell Clin Pharm** 1985 Feb; 19(2):134-8

LICHEN PLANUS

BLOOD

Assessment of plasma glucose in 99 patients with oral lichen planus. Lozada-Nur F, et al. **J Oral Med** 1985 Apr-Jun; 40(2):60-1

The possibility of distinguishing a subset of antigen-presenting cells from macrophages by means of anti S-100 protein sera. Dermal infiltrate of lichen planus as a model. De Panfilis G, et al. **Scand J Immunol** 1985 May;21(5):485-8

CHEMICALLY INDUCED

Lichen planus pemphigoides-like lesions induced by cinnarizine. Miyagawa S, et al. **Br J Dermatol** 1985 May; 112(5):607-13

Lichenoid drug reactions to chlorpropamide and tolazamide. Barnett JH, et al. **Cutis** 1984 Dec;34(6):542-4

Allopurinol-amplified lichenoid reactions of the oral mucosa. Chau NY, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):397-400

CLASSIFICATION

Lichenoid dysplasia: a distinct histopathologic entity. Krutchkoff DJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):308-15

COMPLICATIONS

Lichen planus and the liver [letter] Mobacken H, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):570

Lichen planus and the liver [letter] Rebora A, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):365

Lichen planus and liver disease. Epstein O. **Br J Dermatol** 1984 Oct;111(4):473-5

Chronic active hepatitis and lichen planus [letter] Rebora A, et al. **Br J Dermatol** 1985 May;112(5):631-2

Dermatomyositis and lichen planus--an association or manifestation? Al-Najjar A, et al. **Clin Exp Dermatol** 1985 Mar;10(2):174-8

Malignant transformation of hypertrophic lichen planus. Yesudian P, et al. **Int J Dermatol** 1985 Apr;24(3):177-8

Coexistence of lichen sclerosus, morphea, and lichen planus. Report of four cases and review of the literature. Connelly MG, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):844-51

Oral erosive lichen planus and chronic active hepatitis [letter] Katz M, et al. **J Am Acad Dermatol** 1985 Apr;12(4):719

Liver abnormalities in patients with lichen planus. A retrospective case-control study. Korkij W, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):609-15

Lichen planus and the liver [letter] Monk B. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):122-4

Lichen planus and chronic active hepatitis [letter] Rebora A, et al. **J Am Acad Dermatol** 1985 Jul;13(1):150

Lichen planus and liver disease: how strong is the association? Scully C, et al. **J Oral Pathol** 1985 Mar;14(3):224-6

Twenty-nail dystrophy of childhood: a sign of localized lichen planus. Silverman RA, et al. **Pediatr Dermatol** 1984 Jan;1(3):207-10

[Lichen-hepatitis syndrome. General review apropos of a case] Rebora A, et al. **Ann Dermatol Venereol** 1985; 112(1):27-32 (Eng. Abstr.) **(Fre)**

[Vulvovaginogingival syndrome. New characteristic grouping of plurimucous erosive lichen planus] Hewitt J, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):57-65 (Eng. Abstr.) **(Fre)**

[Lichen planus pemphigoid. Clinical, histologic, immunologic study] Giannetti A, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):371-2 (Eng. Abstr.) **(Ita)**

[A case of lichen ruber planus associated with vitiligo, diabetes mellitus and thyroid goiter] Patrone P, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):133-5 (Eng. Abstr.) **(Ita)**

[20 nail dystrophy, alopecia areata, lichen planus] Tosti A, et al. **G Ital Dermatol Venereol** 1985 Mar-Apr;120(2):131-2 (Eng. Abstr.) **(Ita)**

[Grinspan's syndrome] Dovzhanskii SI, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):66-8 (Eng. Abstr.) **(Rus)**

[Association of lichen ruber planus with alopecia] Neshkov NS, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):65-7 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Use of indirect immunofluorescence in the lupus erythematosus/lichen planus overlap syndrome: an additional diagnostic clue. Camisa C, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1050-9

The lichenoid tissue reaction. Weedon D. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):279-81

Diagnosis and treatment of erosive lichen planus: (report of two cases). Doyle JL, et al. **J Oral Med** 1985 Jan-Mar; 40(1):18-22

[Lichen ruber planus of the oral mucosa: biological and clinical aspects. A review of the literature and the experiences drawn from clinical cases] Gandolfo S, et al. **Minerva Stomatol** 1985 May-Jun;34(3):485-96 (40 ref.) (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Sustained remission of generalized lichen planus induced by cyclophosphamide. Paslin DA. **Arch Dermatol** 1985 Feb; 121(2):236-9

Systemic isotretinoin treatment of oral and cutaneous lichen planus. Woo TY. **Cutis** 1985 Apr;35(4):385-6, 390-1, 393

Dapsone in the treatment of erosive lichen planus. Falk DK, et al. **J Am Acad Dermatol** 1985 Mar;12(3):567-70

Methoxsalen and ultraviolet A radiation in treatment of chronic cutaneous graft-versus-host reaction. Hymes SR, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):30-7

Treatment of oral lichen planus with topical vitamin A acid. Zegarelli DJ. **J Oral Med** 1984 Jul-Sep;39(3):186-91

The treatment of erosive lichen planus with a retinoid--etretinate. Ferguson MM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):283-7

[Evaluation of the treatment of oral lichen planus by activating blood circulation and eliminating stasis] Huang YJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan; 20(1):26-8, 63 (Eng. Abstr.) **(Chi)**

[Clinical application of compound retinoic acid in the treatment of oral lichen planus] Sun ZY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):35-6 **(Chi)**

[Lichen myxedematosus, I. Statistical studies on associated liver injury and successful treatment with melphalan] Sakuma M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov; 94(13):1521-9 **(Jpn)**

ETIOLOGY

Electrogalvanically-induced contact allergy of the oral mucosa. Report of a case. Lind PO, et al. **Int J Oral Surg** 1984 Aug;13(4):339-45

Lichen aureus: a hemosiderin tattoo associated with perforator vein incompetence. Shelley WB, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):260-4

Lichen planus: possible mechanisms of pathogenesis. Gabriel SA, et al. **J Oral Med** 1985 Apr-Jun;40(2):56-9

Lichen planus: review and update on pathogenesis. Scully C, et al. **J Oral Pathol** 1985 Jul;14(6):431-58 (345 ref.)

[Erosive lichen planus: a sign of chronic cirrhogenic hepatopathy] Rebora A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):1-3 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

Familial lichen planus. More frequent than previously suggested? Kofoed ML, et al. **J Am Acad Dermatol** 1985 Jul;13(1):50-4

IMMUNOLOGY

Oral lichen planus: an immunoperoxidase study using monoclonal antibodies to lymphocyte subsets. Matthews JB, et al. **Br J Dermatol** 1984 Nov;111(5):587-95

Lichen planus pemphigoides: an immuno-electron microscopic study. Prost C, et al. **Br J Dermatol** 1985 Jul; 113(1):31-6

T cell subsets and macrophages in lichen planus. In situ identification using monoclonal antibodies and histochemical techniques. Buechner SA. **Dermatologica** 1984;169(6):325-9

Subpopulations of T lymphocytes in peripheral blood and in skin lesions in lichen ruber planus. Simon M Jr, et al. **Dermatologica** 1984;169(3):112-6

Serum immunoglobulins and autoantibodies in patients with oral lichen planus. Lundström IM. **Int J Oral Surg** 1985 Jun;14(3):259-68

Differentiating bullous lichen planus and lichen planus pemphigoides [letter] Camisa C, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1164-6

Assessment of Langerhans' cells in oral lichen planus using monoclonal antibodies. Sloberg K, et al. **J Oral Pathol** 1984 Oct;13(5):516-24

Immunologic findings of oral lichen planus. Pihlman K, et al. **Scand J Dent Res** 1985 Aug;93(4):336-42

[Immunologic pathology of oral lichen planus] Yu SF. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):101-3 **(Chi)**

[Pathomechanism of erosive oral lichen] Sallay K, et al. **Fogorv Sz** 1984 Dec;77(12):369-73 (Eng. Abstr.) **(Hun)**

METABOLISM

Synthesis of glycosaminoglycans and collagen in skin fibroblasts cultured from a patient with lichen myxedematosus. Turakainen H, et al. **Arch Dermatol Res** 1985;277(1):55-9

PATHOLOGY

Benign lichenoid keratosis. Frigy AF, et al. **Am J Clin Pathol** 1985 Apr;83(4):439-43

The nails in keratosis lichenoides chronica. Characteristics and response to treatment. Baran R, et al. **Arch Dermatol** 1984 Nov;120(11):1471-4

A histologic study of epithelial dysplasia in oral lichen planus. Odukoya O, et al. **Arch Dermatol** 1985 Sep;121(9):1132-6

Oral lichen planus and squamous carcinoma. Case report and update of the literature. Kaplan B, et al. **Arch Otolaryngol** 1985 Aug;111(8):543-7 (53 ref.)

Perforating lichen planus. Hanau D, et al. **J Cutan Pathol** 1984 Jun;11(3):176-8

An example of the use of quantitation in histological diagnosis by a comparison of normal human cheek mucosa and cheek mucosa affected by lichen planus. Heggie AA, et al. **J Oral Pathol** 1985 Jul;14(6):483-90

Macrophages in oral lichen planus. Matthews JB, et al. **J Oral Pathol** 1985 Aug;14(7):553-8

Starch artifacts in oral cytologic specimens. Lovas GL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):195-6

Light, electron and immunofluorescence microscopic features of oral lichen planus, lupus erythematosus and leukoplakia. A review. Jungell P, et al. **Proc Finn Dent Soc** 1984;80(3):107-14 (63 ref.)

[Ultrastructural observations on the basement membrane in oral lichen planus] Zhang XL, et al. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):738-40, 792 (Eng. Abstr.) **(Chi)**

[Histopathologic analysis of oral lichen planus] Zhang XL. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):9-12 **(Chi)**

[Lichen planus with an annular layout] Crickx B, et al. **Ann Dermatol Venereol** 1984;111(12):1107-8 **(Fre)**

[Pediatric vulvar lichen sclerosus (22 cases)] Pelisse M, et al. **Ann Dermatol Venereol** 1984;111(8):741-2 (Fre)

[Discoid lupus or lichen planus in a woman with familial septic granulomatosis] Roujeau JC, et al. **Ann Dermatol Venereol** 1984;111(8):757-8 (Fre)

[Dermatogenic enteropathy] Montagnani A, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):287-90 (Eng. Abstr.) (Ita)

[2 cases of thymoma in patients with the erosive-ulcerative form of lichen ruber planus] Abramova EI, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):51-3 (Eng. Abstr.) (Rus)

[Electron microscopic and histochemical research on lysosomes and acid phosphatase of epithelial cells of the normal oral mucosa and in lichen ruber planus] Raĭkhlin AN. **Vestn Dermatol Venerol** 1985 Jan;(1):13-7 (Eng. Abstr.) (Rus)

[Anal manifestations of lichen planus] Pecoraro V, et al. **Med Cutan Ibero Lat Am** 1984;12(4):339-44 (Eng. Abstr.) (Spa)

PHYSIOPATHOLOGY

A prospective follow-up study of 570 patients with oral lichen planus: persistence, remission, and malignant association. Silverman S Jr, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):30-4

PSYCHOLOGY

Oral lichen planus according to the modern medical model. Lowental U, et al. **J Oral Med** 1984 Oct-Dec;39(4):224-6

THERAPY

Periodontal and prosthetic treatment in patients with oral lichen planus. Erpenstein H. **J Clin Periodontol** 1985 Feb;12(2):104-12

[Reflexotherapy of chronic recurrent aphthous stomatitis and lichen ruber planus] Banchenko GV, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):22-3 (Eng. Abstr.) (Rus)

LICHENS

Mutagenicity of lichen constituents. Shibamoto T, et al. **Environ Mutagen** 1984;6(5):757-62

METABOLISM

Uptake of 226radium and 228radium by the lichen genus Umbilicaria. Kwapulinski J, et al. **Sci Total Environ** 1985 Feb;41(2):135-41

LICORICE see **GLYCYRRHIZA**

LIDOCAINE

Vascular effects of a local anesthetic mixture in atopic dermatitis. Juhlin L, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):439-40

Comparison of carbonated lidocaine and lidocaine hydrochloride for caudal epidural anesthesia in horses. Schelling CG, et al. **Am J Vet Res** 1985 Jun;46(6):1375-7

Pain-free venepuncture. Effect of timing of application of local anaesthetic cream. Hallén B, et al. **Anaesthesia** 1984 Oct;39(10):969-72

Maternal, fetal, and neonatal effects of lidocaine with and without epinephrine for epidural anesthesia in obstetrics. Abboud TK, et al. **Anesth Analg** 1984 Nov;63(11):973-9

Caudal anesthesia with lidocaine or bupivacaine: plasma local anesthetic concentration and extent of sensory spread in old and young patients. Freund PR, et al. **Anesth Analg** 1984 Nov;63(11):1017-20

Neonatal neurobehavioral responses after epidural anesthesia for cesarean section using lidocaine and bupivacaine [letter] Reynolds F. **Anesth Analg** 1984 Nov;63(11):1045-6

Epinephrine does not prolong lidocaine spinal anesthesia in term parturients. Spivey DL. **Anesth Analg** 1985 May;64(5):468-70

Epidural blockade for cesarean section comparing lidocaine hydrocarbonate and lidocaine hydrochloride. Cole CP, et al. **Anesthesiology** 1985 Mar;62(3):348-50

Clinical study of a lignocaine-prilocaine cream to relieve the pain of venepuncture. Hallén B, et al. **Br J Anaesth** 1985 Mar;57(3):326-8

A study of the use of ultrasonically nebulized lignocaine for local anaesthesia during fibreoptic bronchoscopy. Gove RI, et al. **Br J Dis Chest** 1985 Jan;79(1):49-59

A comparison of pretreatment regimens for minimizing the haemodynamic response to blind nasotracheal intubation. Hartigan ML, et al. **Can Anaesth Soc J** 1984 Sep;31(5):497-502

The diagnostic accuracy of spinal nerve injection studies. Their role in the evaluation of recurrent sciatica. Haueisen DC, et al. **Clin Orthop** 1985 Sep;(198):179-83

Vasoconstrictor preference [letter] Cawson RA. **J Am Dent Assoc** 1984 Oct;109(4):542, 544

Lack of effect of airway anesthesia on hypoxic ventilation. Sullivan TY, et al. **J Appl Physiol** 1985 May;58(5):1698-702

Comparative study of centbucridine and lignocaine for subarachnoid block. Dasgupta D, et al. **J Postgrad Med** 1984 Oct;30(4):207-9

Halothane-lidocaine sequence for induction of anesthesia in infants. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Feb;7(4):245-54

[Cardiocirculatory responses to tracheal intubation in the heart patient] Cantele P, et al. **Cah Anesthesiol** 1985 Mar;33(2):131-4 (Eng. Abstr.) (Fre)

[Peridural anesthesia and surgery of the spine] Debout J, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):207-8 (Fre)

[Dorsal anesthesia of the penis. Complementary analgesia for circumcision] Dreux-Boucard H, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):209-10 (Fre)

[Treatment of tinnitus with iontophoresis and local anesthesia] Brusis T, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):355-8 (Eng. Abstr.) (Ger)

[Temperature-dependent effects of lidocaine-CO2 in peridural anesthesia] Meyer J, et al. **Reg Anaesth** 1985 Jan;8(1):5-7 (Eng. Abstr.) (Ger)

[Pharmacokinetic study on the lidocaine concentration in serum during epidural anesthesia] Yurino M. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):603-13 (Eng. Abstr.) (Jpn)

[The effects of intravenous lidocaine on hemodynamics--comparisons among patients anesthetized with halothane, those with nitrous oxide-fentanyl, and the patients with acute pulmonary insufficiency] Dohi S, et al. **Masui** 1984 Jul;33(7):725-30 (Eng. Abstr.) (Jpn)

[Clinical usefulness of celiac plexus block] Maruszyński M, et al. **Wiad Lek** 1984 Jun 15;37(12):925-7 (Eng. Abstr.) (Pol)

[Brachial plexus block--ways of improving and the perspectives of its use in current anesthesiology] Svetlov VA, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):50-6 (Eng. Abstr.) (Rus)

[Use of lidocaine peridural anesthesia in patients in the acute phase of a myocardial infarct] Smetnev SA, et al. **Kardiologiia** 1984 Aug;24(8):57-63 (Eng. Abstr.) (Rus)

[Combined peridural anesthesia in prostatic adenomectomy] Lenkovskiĭ FM, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):21-4 (Eng. Abstr.) (Rus)

ADMINISTRATION & DOSAGE

Local anesthetic techniques for bronchoscopies. Korttila K. **Acta Anaesthesiol Belg** 1984;35 Suppl:389-97

The effect of intra-venous lidocaine and several different doses oral tocainide HCl on tinnitus. A dose-finding study. Hulshof JH, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):231-8

Efficacy and safety of intravenous tocainide compared with intravenous lidocaine for acute ventricular arrhythmias immediately after cardiac surgery. Morganroth J, et al. **Am J Cardiol** 1984 Dec 1;54(10):1253-8

Inhibition of postoperative pain by continuous low-dose intravenous infusion of lidocaine. Cassuto J, et al. **Anesth Analg** 1985 Oct;64(10):971-4

A suitable substitute for 4% cocaine before blind nasotracheal intubation: 3% lidocaine-0.25% phenylephrine nasal spray. Gross JB, et al. **Anesth Analg** 1984 Oct;63(10):915-8

Safe and effective IV regional anesthesia for use in the emergency department. Farrell RG, et al. **Ann Emerg Med** 1985 Mar;14(3):239-43

Immediate reversal of severe laryngospasm by intranasally instilled lidocaine with epinephrine [letter] Johnson LA. **Ann Emerg Med** 1985 Mar;14(3):275-6

Lidocaine therapy with an exponentially declining infusion. Clinical evaluation of an optimized dosing technique. Sebaldt RJ, et al. **Ann Intern Med** 1984 Nov;101(5):632-4

Treatment of Meniere's disease by intratympanic injection with lidocaine. Fradis M, et al. **Arch Otolaryngol** 1985 Aug;111(8):491-3

Treating fissure in ano in outpatients: what dose of local anesthetic? [letter] **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1079

Optimum dosage of lidocaine. Laurikainen E, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):16-9

Intravenous lidocaine for anesthesia in the lower extremity. A prospective study. Lehman WL, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1056-60

The anesthetic skin patch for topical anesthesia. Niamtu J 3d, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):839-40

The use of topical vasodilators as an adjunct in infant renal surgery. Gearhart JP, et al. **J Urol** 1985 Aug;134(2):298-300

Prolonged suppression of cough after inhalation of lidocaine in a patient with sarcoid. Sanders RV, et al. **JAMA** 1984 Nov 2;252(17):2456-7

Intra-arterial use of No-Spa+lidocaine in coxarthrosis. Tantó Z, et al. **Ther Hung** 1982;30(3):134-6

[Treatment of a patient with ergotism (letter)] Schermer BA. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):86 (Dut)

[Combined treatment of trigeminal neuralgia by lidocaine and mumie electrophoresis] Grechko VE, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):27-9 (Eng. Abstr.) (Rus)

ADVERSE EFFECTS

Polymorphous ventricular tachycardia provoked by lidocaine. Burket MW, et al. **Am J Cardiol** 1985 Feb 15;55(5):592-3

Hemodynamic and plasma catecholamine responses to epinephrine-containing perianal lidocaine anesthesia. Barber WB, et al. **Anesth Analg** 1985 Sep;64(9):924-8

Grand mal seizures following fentanyl-lidocaine [letter] Baraka A, et al. **Anesthesiology** 1985 Feb;62(2):206

Heart block after intravenous lidocaine in an infant. Garner L, et al. **Can Anaesth Soc J** 1985 Jul;32(4):425-8

Dermatitis from lignocaine. Fernández de Corres L, et al. **Contact Dermatitis** 1985 Feb;12(2):114-5

Seizures following oral lidocaine for esophageal anesthesia. Parish RC, et al. **Drug Intell Clin Pharm** 1985 Mar;19(3):199-201

[Complications of peridural anesthesia. Study of 218 peridural anesthesias for peripheral vascular surgery] Péré J, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):201-6 (Fre)

[Torsade de pointes induced by the combination lidocaine-erythromycin and hepatic insufficiency (letter)] Gueugniaud PY, et al. **Presse Med** 1985 Apr 20;14(16):896 (Fre)

[Shock syndrome caused by lidocaine hydrochloride (Xylocitin)] Metzner HH, et al. **Dermatol Monatsschr** 1984;170(10):648-51 (Eng. Abstr.) (Ger)

[Prevention, clinical aspects and therapy of the side-effects of lidocaine] Kettner W, et al. **Z Gesamte Inn Med** 1984 Oct 15;39(20):501-5 (Eng. Abstr.) (Ger)

[Pathogenesis of hemodynamic disorders during treatment of cardiac arrythmias in heart surgery patients with obsidan, trimecaine and lidocaine] Tsyganiĭ AA, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):15-9 (Eng. Abstr.) (Rus)

[Incidence of headache and other complications after intradural anesthesia in young patients] García Escobar M, et al. **Rev Esp Anestesiol Reanim** 1985 May-Jun;32(3):113-4 (Eng. Abstr.) (Spa)

ANALOGS & DERIVATIVES

The effect of intra-venous lidocaine and several different doses oral tocainide HCl on tinnitus. A dose-finding study. Hulshof JH, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):231-8

Tocainide associated agranulocytosis. Volosin K, et al. **Am Heart J** 1985 Jun;109(6):1392-3

Efficacy and safety of intravenous tocainide compared with intravenous lidocaine for acute ventricular arrhythmias immediately after cardiac surgery. Morganroth J, et al. **Am J Cardiol** 1984 Dec 1;54(10):1253-8

Tocainide: a new oral antiarrhythmic agent. Kutalek SP, et al. **Ann Intern Med** 1985 Sep;103(3):387-91 (32 ref.)

Tocainide and mexiletine. Orally effective lidocaine analogues. Roden DM. **Arch Intern Med** 1985 Mar;145(3):417-8 (23 ref.)

The value of tocainide in the treatment of tinnitus. A double-blind controlled study. Hulshof JH, et al. **Arch Otorhinolaryngol** 1985;241(3):279-83

Effect of tocainide on the concentrations of norepinephrine dopamine, serotonin and histamine in rat brain and its binding affinity to neuroceptors. Przuntek H, et al. **Arzneimittelforschung** 1985;35(5):787-9

The effects of TTS-scopolamine, dimenhydrinate, lidocaine, and tocainide on motion sickness, vertigo, and nystagmus. Pyykkö I, et al. **Aviat Space Environ Med** 1985 Aug;56(8):777-82

Prophylaxis against ventricular arrhythmias in suspected acute myocardial infarction: a comparison of tocainide and disopyramide. Allen-Narker RA, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):725-32

Pharmacokinetics and haemodynamic effects of tocainide in patients with acute myocardial infarction complicated by left ventricular failure. MacMahon B, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):429-34

The effects of QX314 on thalamic neurons. Mulle C, et al. **Brain Res** 1985 May 6;333(2):350-4

Exacerbation of ventricular tachycardia by tocainide. Cheesman M, et al. **Clin Cardiol** 1985 Jan;8(1):47-50

A sequential double blind cross-over trial of tocainide hydrochloride in tinnitus. Blayney AW, et al. **Clin Otolaryngol** 1985 Apr;10(2):97-101

Tocainide: a new oral antiarrhythmic. Hasegawa GR. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):514-7 (46 ref.)

Stereoselective disposition of RS-tocainide in man. Hoffmann KJ, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep;9(3):215-22

Effects of pincainide on contractile responses and 45Ca movements in rat isolated vascular smooth muscle. Barrigón S, et al. **Eur J Pharmacol** 1985 May 8;111(2):227-33

Efficacy of phenytoin, procainamide, and tocainide in murine genetic myotonia. Aichele R, et al. **Exp Neurol** 1985 Feb;87(2):377-81

New antiarrhythmic agents.
N-aryl-8-pyrrolizidinealkanamides. Miyano S, et al. **J Med Chem** 1985 Jun;28(6):714-7

Tocainide for arrhythmias. **Med Lett Drugs Ther** 1985 Feb 1;27(680):9-11

Tocainide (Tonocard) for ventricular arrhythmias. Pepper GA. **Nurse Pract** 1985 Apr;10(4):36, 38

Adverse reactions to tocainide [letter] Coulter DM. **NZ Med J** 1985 Jul 10;98(782):553-4

Treatment of tinnitus with tocainide hydrochloride. Emmett JR, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):442-6

Confusion and paranoia associated with oral tocainide. Clarke CW, et al. **Postgrad Med J** 1985 Jan;61(711):79-81

Possible hepatoxicity of tocainide. Farquhar DL, et al. **Scott Med J** 1984 Oct;29(4):238

ANALYSIS

High-performance liquid chromatographic determination of d-/l-epinephrine enantiomer ratio in lidocaine-epinephrine local anesthetics. Allgire JF, et al. **J Chromatogr** 1985 May 29;325(1):249-54

ANTAGONISTS & INHIBITORS

Modification of Vmax of canine cardiac Purkinje fibers and of the effects of lidocaine by SC-72-14. Morikawa Y, et al. **Circ Res** 1985 Sep;57(3):354-61

BLOOD

Systemic absorption of lignocaine ointment from tracheal tubes. Sellers WF, et al. **Anaesthesia** 1985 May;40(5):483-5

Plasma concentrations of lidocaine and its principal metabolites during intermittent epidural anesthesia. Inoue R, et al. **Anesthesiology** 1985 Sep;63(3):304-10

Protein binding of lidocaine in canine serum and plasma: effects of an acidic pH and the technique of study. Coyle DE, et al. **Biopharm Drug Dispos** 1984 Oct-Dec; 5(4):399-404

Liquid chromatographic determination of lidocaine in serum. Swezey CB, et al. **Clin Biochem** 1984 Aug;17(4):230-2

Factors affecting the measurement of lidocaine protein binding by equilibrium dialysis in human serum. Ponganis KV, et al. **J Pharm Sci** 1985 Jan;74(1):57-60

Plasma concentrations of lidocaine resulting from instillation of lidocaine jelly into genitourinary tract prior to cystoscopy. Ouellette RD, et al. **Urology** 1985 May; 25(5):490-1

[Simultaneous determination of lidocaine, bupivacaine and tetracaine in human plasma by high performance liquid chromatography] Yang SD, et al.
Yao Hsueh Hsueh Pao 1984 Aug;19(8):611-5 (Eng. Abstr.) **(Chi)**

[Local anesthetics: simultaneous HPLC determination of lidocaine (Xylocaine) and bupivacaine (Marcaine) in human serum] Mounie J, et al. **Ann Biol Clin (Paris)** 1985; 43(3):255-9 (Eng. Abstr.) **(Fre)**

[Serum assay of lidocaine after intrabronchial administration] Verdier MF, et al. **Ann Fr Anesth Reanim** 1985;4(4):385-6 **(Fre)**

[Plasma concentrations of lidocaine as a function of the time of administration (letter)] Bruguerolle B, et al.
Presse Med 1984 Oct 6;13(35):2151-2 **(Fre)**

[Plasma concentrations of lidocaine in bronchial fibroscopy] Philip-Joet F, et al. **Rev Pneumol Clin** 1984;40(5):333-5 (Eng. Abstr.) **(Fre)**

[Caudal anesthesia by lidocaine in children. Diffusion in the blood and possible cardiac effects] Bertrix L, et al.
Therapie 1985 Jul-Aug;40(4):225-9 (Eng. Abstr.) **(Fre)**

[Plasma concentrations of lidocaine during bronchial endoscopies. Role of inflammation (letter)] Bruguerolle B, et al. **Therapie** 1985 Jan-Feb;40(1):67-8 **(Fre)**

DIAGNOSTIC USE

Syndrome of the rectus abdominis muscle mimicking the acute abdomen. Hughes GS Jr, et al. **Ann Emerg Med** 1985 Jul;14(7):694-5

[Combined use of droperidol and xylocitin in peripheral arteriography] Böhlke R, et al. **Radiol Diagn (Berl)** 1984; 25(3):255-7 (Eng. Abstr.) **(Ger)**

[The lignoicaine test in the diagnosis of pain in the lumbosacral spine] Biliński P, et al.
Chir Narzadow Ruchu Ortop Pol 1985;50(1):17-21 (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

Effect of pH on charcoal adsorption of lidocaine, methadone, pilocarpine, and procaine. Judis J. **J Pharm Sci** 1985 Apr; 74(4):476-7

METABOLISM

Absorption of lignocaine through split-skin donor sites. Bulmer JN, et al. **Anaesthesia** 1985 Aug;40(8):808-9

Regional myocardial lidocaine concentration determines the antidysrhythmic effect in dogs after coronary artery occlusion. Davis RF, et al. **Anesthesiology** 1985 Feb; 62(2):155-60

Redistribution of lidocaine and bupivacaine after intrathecal injection in mice. Post C, et al. **Anesthesiology** 1985 Oct; 63(4):410-7

Lidocaine plasma concentrations following administration of intraoral lidocaine solution. Greenblatt DJ, et al.
Arch Otolaryngol 1985 May;111(5):298-300

Age associated alteration of lidocaine metabolism is position selective. Fujita S, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):117-22

Pharmacokinetics of lignocaine in children following caudal anaesthesia. Ecoffey C, et al. **Br J Anaesth** 1984 Dec; 56(12):1399-402

The impairment of lignocaine clearance by propranolol--major contribution from enzyme inhibition. Bax ND, et al. **Br J Clin Pharmacol** 1985 May; 19(5):597-603

The effects of age and smoking on the plasma protein binding of lignocaine and diazepam. Davis D, et al.
Br J Clin Pharmacol 1985 Feb;19(2):261-5

Failure of 'therapeutic' doses of beta-adrenoceptor antagonists to alter the disposition of tolbutamide and lignocaine. Miners JO, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):853-60

Placental transfer of bupivacaine, pethidine and lignocaine in the rabbit. Effect of umbilical flow rate and protein content. Hamshaw-Thomas A, et al.
Br J Obstet Gynaecol 1985 Jul;92(7):706-13

Age-dependent lidocaine disposition in patients with acute myocardial infarction. Cusson J, et al.
Clin Pharmacol Ther 1985 Apr;37(4):381-6

Effects of histamine-2 receptor blockade on lidocaine kinetics. Jackson JE, et al. **Clin Pharmacol Ther** 1985 May; 37(5):544-8

Effects of nadolol and propranolol on plasma lidocaine clearance. Schneck DW, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):584-7

The clinical pharmacology of lidocaine congeners--review of encainide, flecainide, lorcainide and tocainide. McDevitt DG. **Eur Heart J** 1984 Sep;5 Suppl B:63-6

Simultaneous determination of lidocaine and its metabolites in plasma and myocardium. Luzzi FA, et al.
J Chromatogr 1984 Nov 28;311(2):291-9

Pharmacokinetics of pentobarbital, quinidine, lidocaine, and theophylline in the thermally injured rat. Fruncillo RJ, et al. **J Pharm Sci** 1984 Aug;73(8):1117-21

Opioid effects on lidocaine disposition and toxicity in mice. Garty M, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):391-4

Lidocaine and mepivacaine in cord blood. Walson PD, et al. **Pediatr Pharmacol (New York)** 1982;2(4):341-8

Influence of hyaluronidase upon local infiltration anaesthesia by lidocaine. An experimental study in the guinea-pig. Pettersson LO, et al. **Scand J Plast Reconstr Surg** 1984; 18(3):297-301

Computer-assisted drug assay interpretation based on Bayesian estimation of individual pharmacokinetics: application to lidocaine. Vozeh S, et al.
Ther Drug Monit 1985;7(1):66-73

PHARMACODYNAMICS

Inhibition of human leukocyte metabolism and random mobility by local anaesthesia. Hammer R, et al.
Acta Anaesthesiol Scand 1985 Jul;29(5):520-3

Effect of lignocaine on the responses produced by depolarizing agents at the chick neuromuscular junction. Wali FA. **Acta Anaesthesiol Scand** 1984 Aug;28(4):372-6

Comparison of electrophysiological and mechanical effects of droxicainide and lidocaine on heart muscle isolated from rats. Helgesen KG, et al.
Acta Pharmacol Toxicol (Copenh) 1984 Oct;55(4):303-7

Prolongation of refractoriness and activation time in normal canine ventricular myocardium following bolus administration of lidocaine. Martins JB, et al.
Am Heart J 1985 Mar;109(3 Pt 1):533-9

Relief of myocardial ischemia pain with a gastrointestinal cocktail. Servi RJ, et al. **Am J Emerg Med** 1985 May; 3(3):208-9

Influence of buffers on dV/dtmax recovery kinetics with lidocaine in myocardium. Stambler BS, et al.
Am J Physiol 1985 Sep;249(3 Pt 2):H663-71

Effects of local anesthetics on healing of abdominal wounds in rabbits. Vasseur PB, et al. **Am J Vet Res** 1984 Nov; 45(11):2385-8

A comparison of different concentrations of lignocaine hydrochloride used for topical anaesthesia of the larynx of the cat. Robinson EP, et al. **Anaesth Intensive Care** 1985 May;13(2):137-44

The effect of lidocaine infusion on the ventilatory response to hypoxia. Gross JB, et al. **Anesthesiology** 1984 Dec; 61(6):662-5

Lidocaine constricts or dilates rat arterioles in a dose-dependent manner. Johns RA, et al.
Anesthesiology 1985 Feb;62(2):141-4

Sensitivity to pain predicts CNS sensitivity to lidocaine. Korbon GA, et al. **Anesthesiology** 1984 Dec;61(6):767-9

Ventilatory response to CO2 following intravenous and epidural lidocaine. Labaille T, et al. **Anesthesiology** 1985 Aug;63(2):179-83

Induction of intracellular acyl-CoA:cholesterol acyltransferase activity in glioblastoma cells by lidocaine. Jeng I, et al. **Arch Biochem Biophys** 1985 Mar;237(2):415-22

Antibacterial properties of lidocaine on bacteria isolated from dermal lesions. Miller MA, et al. **Arch Dermatol** 1985 Sep; 121(9):1157-9

Comparative antiarrhythmic and local anaesthetic effects of piperazine citrate and lignocaine hydrochloride. Onuaguluchi G, et al. **Arch Int Pharmacodyn Ther** 1985 Apr;274(2):253-66

Effect of lidocaine on membrane currents in rabbit sino-atrial node cells. Satoh H, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):241-54

Arthroscopy in septic arthritis. Lidocaine- and iodine-containing contrast media are bacteriostatic. Dory MA, et al. **Arthritis Rheum** 1985 Feb;28(2):198-203

Interactions of quinidine and lidocaine with rat brain and heart muscarinic receptors. Cohen-Armon M, et al.
Biochem Biophys Res Commun 1985 Feb 28;127(1):326-32

Studies of anaesthesia in relation to hypertension. VI: Cardiovascular responses to extradural blockade of treated and untreated hypertensive patients. Dagnino J, et al.
Br J Anaesth 1984 Oct;56(10):1065-73

Frequency-related, bidirectional limbic responses to cocaine: comparisons with amphetamine and lidocaine. Lesse H, et al. **Brain Res** 1985 May 27;335(1):21-31

Metabolic and behavioral consequences of lidocaine-kindled seizures. Post RM, et al. **Brain Res** 1984 Dec 24; 324(2):295-303

Lidocaine attenuates the intraocular pressure response to rapid intubation in children. Lerman J, et al.
Can Anaesth Soc J 1985 Jul;32(4):339-45

Potentiation of differential hyperthermic sensitivity of AKR leukemia and normal bone marrow cells by lidocaine or thiopental. Robins HI, et al. **Cancer** 1984 Dec 15; 54(12):2831-5

Lidocaine potentiation of bleomycin A2 cytotoxicity and DNA strand breakage in L1210 and human A-253 cells. Lazo JS, et al. **Cancer Res** 1985 May;45(5):2103-9

Evidence for a specific receptor site for lidocaine, quinidine, and bupivacaine associated with cardiac sodium channels in guinea pig ventricular myocardium. Clarkson CW, et al. **Circ Res** 1985 Apr;56(4):496-506

Developmental changes in the effects of lidocaine on the electrophysiological properties of canine Purkinje fibers. Morikawa Y, et al. **Circ Res** 1984 Nov;55(5):633-41

The effects of overdrive pacing and lidocaine on atrioventricular junctional rhythm in man: the role of abnormal automaticity. Tenczer J, et al. **Circulation** 1985 Sep;72(3):480-6

Histopathology of the spinal cord after intrathecal cocaine, bupivacaine, lignocaine and adrenaline in the rat. Bahar M, et al. **Eur J Anaesthesiol** 1984 Sep;1(3):293-7

Epicardial, endocardial and transmural mapping in assessing electrophysiological effects of 14-C lidocaine and 14-C propafenone on activation times in experimental chronic myocardial infarction. Correlations with myocardial drugs concentrations. Naccarella FF, et al. **G Ital Cardiol** 1984 Oct;14(10):825-9

Comparison of the electrophysiological effects of 4-aminoquinoline, quinidine and lidocaine on frog atrial contractile fibres. Guerrero S, et al. **Gen Pharmacol** 1984; 15(5):385-9

The effects of lidocaine and procainamide on the sarcolemmal membrane high affinity cyclic AMP phosphodiesterase of rat myocardium. Illiano G, et al. **Gen Pharmacol** 1985; 16(2):115-9

Effect of lidocaine on the function of immunocompetent cells. II. Chronic in vivo exposure and its effects on mouse lymphocyte activation and expression of immunity. Dickstein R, et al. **Immunopharmacology** 1985 Jun; 9(3):127-39

Effects of lidocaine on the function of immunocompetent cells. I. In vitro exposure of mouse spleen lymphocytes and peritoneal macrophages. Dickstein R, et al.
Immunopharmacology 1985 Jun;9(3):117-25

Effect of verapamil & lignocaine on prostaglandin induced contractions in isolated rat uterus. Kothekar V, et al.
Indian J Med Res 1985 Jan;81:79-82

Rate-dependent effects of intravenous lidocaine, procainamide and amiodarone on intraventricular conduction. Morady F, et al. **J Am Coll Cardiol** 1985 Jul; 6(1):179-85

Effect of lidocaine on production of migration inhibitory factor and on macrophage motility: in vitro exposure of guinea pig lymphocytes and macrophages. Dickstein RA, et al. **J Leukocyte Biol** 1984 Nov;36(5):621-32

Interaction of lidocaine and benzocaine in depressing Vmax of ventricular action potentials. Chapula JS.
J Mol Cell Cardiol 1985 May;17(5):495-503

Comparative evaluation of the effects of lidocaine (lignocaine) hydrochloride and salicylate on nervous and Purkinje fibres. Mitolo-Chieppa D, et al.
J Pharm Pharmacol 1985 Jan;37(1):68-70

The effects of ketamine, phencyclidine and lidocaine on catecholamine secretion from cultured bovine adrenal chromaffin cells. Purifoy JA, et al. **Life Sci** 1984 Oct 29; 35(18):1851-7

Ultrastructural changes in Blastomyces dermatitidis after in vitro exposure to lidocaine. Taylor MR, et al.
Mycopathologia 1984 Dec 30;88(2-3):173-80

Removing cockroaches from the auditory canal: controlled trial [letter] O'Toole K, et al. **N Engl J Med** 1985 May 2;312(18):1197

Changes in immunoreactive somatostatin in brain following lidocaine-induced kindling in rat. Higuchi T, et al.
Neuropharmacology 1984 Nov;23(11):1311-4

Cardiovascular and metabolic effects of cervical epinephrine infiltration. Cunningham AJ, et al. **Obstet Gynecol** 1985 Jul;66(1):93-8

Lidocaine-pancuronium bromide retrobulbar injection: experimental studies of simultaneous neural and myoneural blockage for profound akinesia. Singh R, et al.
Ophthalmic Surg 1984 Dec;15(12):996-9

Recovery of jaw muscle function following injection of a myotoxic agent (lidocaine-epinephrine). Hinton RJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):247-51

Quinidine and lidocaine: activation and inactivation block. Hondeghem LM, et al. **Proc West Pharmacol Soc** 1984; 27:19-21

Lidocaine kindling is accompanied by an increase in apomorphine stereotypy and mesolimbic dopamine D2 receptor density. Csernansky JG, et al.
Psychopharmacol Bull 1985;21(3):707-11

The participation of the subepithelial airway receptor in the bronchoconstriction of monkeys. Mue S, et al.
Tohoku J Exp Med 1985 Apr;145(4):465-75

[Negative inotropic effects of lidocaine in children] Kawamoto M, et al. **Masui** 1984 Jun;33(6):594–8 (Eng. Abstr.) **(Jpn)**

[The effect of lidocaine on neurobehavior of neonates] Nishimura M, et al. **Masui** 1984 Jun;33(6):589–93 (Eng. Abstr.) **(Jpn)**

POISONING

Massive lignocaine overdose during cardiopulmonary bypass. Successful treatment with cardiac pacing. Noble J, et al. **Br J Anaesth** 1984 Dec;56(12):1439–41

Tissue distribution of lidocaine after fatal accidental injection. Poklis A, et al. **J Forensic Sci** 1984 Oct;29(4):1229–36

Lidocaine overdose and cardiac bypass support [letter] Freed CR, et al. **JAMA** 1985 Jun 7;253(21):3094–5

[Vasoregulation disturbance during lidocaine poisoning] Ades PE, et al. **Agressologie** 1984 May;25(5):601–6 (Eng. Abstr.) **(Fre)**

THERAPEUTIC USE

Comparative investigation of the antiarrhythmic effect of propafenone (Rytmonorm) and lidocaine in patients with ventricular arrhythmias during acute myocardial infarction. Rehnqvist N, et al. **Acta Med Scand** 1984;216(5):525–30

Medical treatment of tinnitus. Shea JJ. **Acta Otorhinolaryngol Belg** 1985;39(3):613–9

Prophylactic lidocaine in the early phase of suspected myocardial infarction. Dunn HM, et al. **Am Heart J** 1985 Aug;110(2):353–62

Effect of lignocaine on pain caused by propofol injection [letter] Brooker J, et al. **Anaesthesia** 1985 Jan;40(1):91–2

Bupivacaine cardiovascular toxicity: comparison of treatment with bretylium and lidocaine. Kasten GW, et al. **Anesth Analg** 1985 Sep;64(9):911–6

Simple method for maintaining serum lidocaine levels in the therapeutic range. Wong BY, et al. **Arch Intern Med** 1985 Sep;145(9):1588–91

Cluster headache. Local anesthetic abortive agents. Kittrelle JP, et al. **Arch Neurol** 1985 May;42(5):496–8

Lidocaine and the reduction of post-venographic pain. Ockelford PA, et al. **Aust NZ J Med** 1984 Oct;14(5):622–5

The effects of TTS-scopolamine, dimenhydrinate, lidocaine, and tocainide on motion sickness, vertigo, and nystagmus. Pyykkö I, et al. **Aviat Space Environ Med** 1985 Aug;56(8):777–82

Acute effects of antiarrhythmic drugs on stable ventricular premature beats. Controlled comparison of lorcainide and lidocaine. Schmidt G, et al. **Eur J Clin Pharmacol** 1985;27(6):633–6

Lidocaine, mexiletine and propafenone in the treatment of arrhythmias complicating myocardial infarction. A case report. Aguglia F, et al. **Int J Cardiol** 1985 Mar;7(3):303–6

Lidocaine and prevention of ventricular fibrillation complicating acute myocardial infarction. Lie KI. **Int J Cardiol** 1985 Mar;7(3):321–5

Comparison of intravenous lorcainide with lidocaine for acute therapy of complex ventricular arrhythmias: results of a randomized study with crossover option. Anderson JL, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):333–41

Effects of verapamil and lidocaine in a canine model of sudden coronary death. Temesy-Armos PN, et al. **J Am Coll Cardiol** 1985 Sep;6(3):674–81

A comparison of the effects of eighth nerve section with lidocaine on tinnitus. Jackson P. **J Laryngol Otol** 1985 Jul;99(7):663–6

Electrocochleographic findings and the effects of lidocaine on tinnitus in non-hearing ears. Jackson P. **J Laryngol Otol** 1985 Jul;99(7):667–70

A controlled study of the suppression of tinnitus by lidocaine infusion: (relationship of therapeutic effect with serum lidocaine levels). Perucca E, et al. **J Laryngol Otol** 1985 Jul;99(7):657–61

Placebo effect in tinnitus management. Duckert LG, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):697–9

Injecting painful knees with triamcinolone. Bourne IH. **Practitioner** 1985 Jan;229(1399):33–4

[Prophylaxis of primary ventricular fibrillation in the acute phase of acute myocardial infarct] Depelchin P, et al. **Rev Med Brux** 1984 Oct;5(8):527–31 (Eng. Abstr.) **(Fre)**

[Pain relief in vein puncture. Application time and effectiveness of lidocaine-prilocaine-cream] Dohlwitz A, et al. **Anaesthesist** 1985 Jul;34(7):355–8 (Eng. Abstr.) **(Ger)**

[Comparative studies on dose adjustment of intraoperative lidocaine therapy in heart failure patients] Biscoping J, et al. **Anasth Intensivther Notfallmed** 1985 Jun;20(3):136–8 (Eng. Abstr.) **(Ger)**

[Plasma level of lidocaine following intraoperative bolus injection and infusion in heart failure] Biscoping J, et al. **Anasth Intensivther Notfallmed** 1984 Oct;19(5):250–2 (Eng. Abstr.) **(Ger)**

[Antiarrhythmic agents in tinnitus treatment] Lenarz T. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):158–61 (Eng. Abstr.) **(Ger)**

[Lidocaine elimination and dose adjustment in acute heart infarct and heart insufficiency] Kettner W, et al. **Z Gesamte Inn Med** 1984 Jul 15;39(14):335–42 (Eng. Abstr.) **(Ger)**

[Ineffective use of lidocaine in preventing reperfusion arrhythmias in patients with acute myocardial infarct] Kuck KH, et al. **Z Kardiol** 1985 Mar;74(3):185–90 (Eng. Abstr.) **(Ger)**

[Intravenous administration of lidocaine and amiodarone in patients with acute myocardial infarction] Capucci A, et al. **G Ital Cardiol** 1985 Mar;15(3):285–9 (Eng. Abstr.) **(Ita)**

[Clinical experience with the combination of dextran 40, dihydroergotoxine, lidocaine in intravenous perfusion in the prevention of postoperative ischemia of skin flaps] Riberti C, et al. **Minerva Chir** 1984 May 31;39(10):819–23 (Eng. Abstr.) **(Ita)**

[The anti-shock effects of several drugs, with special reference to the effect of lidocaine] Tanaka K. **Masui** 1985 Feb;34(2):165–72 (Eng. Abstr.) **(Jpn)**

[Intravenous lidocaine in the treatment of convulsions in infancy] Miyata H, et al. **No To Hattatsu** 1985 May;17(3):203–9 (Eng. Abstr.) **(Jpn)**

[Possibility of prevention of histamine-induced bronchospastic reaction with fenoterol, ipratropium bromide and lidocaine in patients with chronic bronchitis] Kurgan J. **Pol Tyg Lek** 1985 Feb 4;40(5):131–4 (Eng. Abstr.) **(Pol)**

[Comparative study of the effect of ethacizin and lidocaine on the blood supply and function of the intact and ischemic myocardium] Goldshteĭne GKh, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):466–9 (Eng. Abstr.) **(Rus)**

[Use of sodium oxyferriscorbone, lidocaine and therapeutic endoscopy in peptic ulcer] Starodub EM, et al. **Vrach Delo** 1984 Sep;(9):11–3 (Eng. Abstr.) **(Rus)**

TOXICITY

Toxicity and resuscitation in lidocaine- or bupivacaine-infused cats. Chadwick HS. **Anesthesiology** 1985 Oct;63(4):385–90

Neurological toxicity of the subarachnoid infusion of bupivacaine, lignocaine or 2-chloroprocaine in the rat. Li DF, et al. **Br J Anaesth** 1985 Apr;57(4):424–9

Toxicological assessment of lidocaine in the pregnant rat. Ramazzotto LJ, et al. **J Dent Res** 1985 Oct;64(10):1214–7

LIDOFLAZINE see under **PIPERAZINES**

LIE DETECTION

Effects of physical countermeasures on the physiological detection of deception. Honts CR, et al. **J Appl Psychol** 1985 Feb;70(1):177–87

Clinical utility of the McVaugh and Grow rules for the detection of faking on the Personality Inventory for Children. Forbes GB. **J Clin Psychol** 1984 Sep;40(5):1205–9

Clinical correlates of high lie scale elevations among forensic patients. Fjordbak T. **J Pers Assess** 1985 Jun;49(3):252–5

Vocal cues to deception: a comparative channel approach. Scherer KR, et al. **J Psycholinguist Res** 1985 Jul;14(4):409–25

Innocence, information, and the guilty knowledge test in the detection of deception. Bradley MT, et al. **Psychophysiology** 1984 Nov;21(6):683–9

Detectability in the card test as a function of the subject's verbal response. Horneman CJ, et al. **Psychophysiology** 1985 May;22(3):330–3

LIFE CHANGE EVENTS

Life events and schizophrenia. A replication. Canton G, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):211–6

Is there a short-cut? An investigation into the life event interview. Miller PM, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):417–27

An exploratory study of life-change events, social support and pregnancy decisions in adolescents. Carlson ML, et al. **Adolescence** 1984 Winter;19(76):765–80

Positive life events and social support and the relationship between life stress and psychological disorder. Cohen LH, et al. **Am J Community Psychol** 1984 Oct;12(5):567–87

Resources, life events, and changes in positive affect and depression in older adults. Murrell SA, et al. **Am J Community Psychol** 1984 Aug;12(4):445–64

Recent stressful life events and young children's school adjustment. Sterling S, et al. **Am J Community Psychol** 1985 Feb;13(1):87–98

Measurement of adolescents' life events: the junior high life experiences survey. Swearingen EM, et al. **Am J Community Psychol** 1985 Feb;13(1):69–85

Past trauma and present functioning of patients attending a women's psychiatric clinic. Borins EF, et al. **Am J Psychiatry** 1985 Apr;142(4):460–3

Correlates of depressive symptoms among a select population of black men. Gary LE. **Am J Public Health** 1985 Oct;75(10):1220–2

Social factors in psychopathology: stress, social support, and coping processes. Kessler RC, et al. **Annu Rev Psychol** 1985;36:531–72 (224 ref.)

Use of the life history in pattern identification and health promotion. Bramwell L. **ANS** 1984 Oct;7(1):37–44

Marital and family breakdown. Thoughts on the role of doctors, lawyers and behavioural scientists. Moloney L. **Aust Fam Physician** 1985 May;14(5):434–40

Psychopathology and development: II. Childhood experiences and personality development. Rutter M. **Aust NZ J Psychiatry** 1984 Dec;18(4):314–27

Social support and negative life events of mothers with developmentally delayed children. Brandt PA. **Birth Defects** 1984;20(5):205–44

Stressful life events and alcohol abuse in women: a general population study. Cooke DJ, et al. **Br J Addict** 1984 Dec;79(4):425–30

Stress and breast cancer. Priestman TJ, et al. **Br J Cancer** 1985 Apr;51(4):493–8

The Stress Response Rating Scale: a clinician's measure for rating the response to serious life-events. Weiss DS, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):202–15

Life's happenings and organic disease. Connolly J. **Br J Hosp Med** 1985 Jan;33(1):24–7

Rape—victiminological and psychiatric aspects. Mezey GC. **Br J Hosp Med** 1985 Mar;33(3):152–8

Personal assessments of life-event stress and the near future onset of psychological symptoms. Byrne DG. **Br J Med Psychol** 1984 Sep;57 (Pt 3):241–8

Depressive illness and morbid distress. Onset and development data examined against five-year outcome. Copeland JR. **Br J Psychiatry** 1985 Mar;146:297–307

Comparison of pharmacological treatment response between situational and non-situational depressions. Garvey MJ, et al. **Br J Psychiatry** 1984 Oct;145:363–5

Perceived controllability of life-events and willingness to prescribe psychotropic drugs. Brewin CR. **Br J Soc Psychol** 1984 Sep;23 (Pt 3):285–7

Life changes: Retirement. Bryden WG, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1279–80

Life changes: death of a spouse. Elder AH. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):665–7

Impact of whooping cough on patients and their families. Johnston ID, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1636–8

Physical activity as a moderator of life events and somatic complaints: a longitudinal study. Howard JH, et al. **Can J Appl Sport Sci** 1984 Dec;9(4):194–200

Life events and headache. Invernizzi G, et al. **Cephalalgia** 1985 May;5 Suppl 2:229–31

Disentangling life events, stress and social support: implications for the primary prevention of child abuse and neglect. Howze DC, et al. **Child Abuse Negl** 1984;8(4):401–9

Coping with precipitating life stress of primarily depressed inpatients. Benjaminsen S. **Compr Psychiatry** 1985 Jan-Feb;26(1):71–9

Life events and the endogenous-nonendogenous distinction in the treatment and posttreatment course of depression. Monroe SM, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):175–86

Stress, coping resources and psychiatric disorders: alternative paradigms from a life cycle perspective. Richman JA, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):456–65

Pena in the Ecuadorian Sierra: a psychoanthropological analysis of sadness. Tousignant M. **Cult Med Psychiatry** 1984 Dec;8(4):381–98

Serious illness and family dynamics. 2. Changes in consulting patterns of the afflicted family members. van Eijk JT. **Fam Pract** 1985 Jun;2(2):70–5

Serious illness and family dynamics. 1. Changes in consulting patterns of the unafflicted family members. van Eijk JT. **Fam Pract** 1985 Jun;2(2):61–9

Coping with an intra-institutional relocation: changes in resident and staff behavior patterns. Moos RH, et al. **Gerontologist** 1984 Oct;24(5):495–502

An exploration of stressful life events, illness, and coping among the rural elderly. Preston DB, et al. **Gerontologist** 1984 Oct;24(5):490–4

Life events, social network, life-style, and health: an analysis of the 1979 National Survey of Personal Health Practices and Consequences. Gottlieb NH, et al. **Health Educ Q** 1984 Spring;11(1):91–105

Symptom contamination of life event scales. Zimmerman M, et al. **Health Psychol** 1984;3(1):77–81

Life events and fissure-in-ano [letter] Magni G. **Hepatogastroenterology** 1985 Apr;32(2):106–7

The impact of life events on chronic mental patients. Baker F, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):299–301

The mid-career crisis in relation to Super's career and Erikson's adult development theory. Perosa SL, et al. **Int J Aging Hum Dev** 1984–85;20(1):53–68

Life changes, coping resources, and health among the elderly. Simons RL, et al. **Int J Aging Hum Dev** 1984–85;20(3):173–89

Occurrence and co-occurrence of stressful life events in a Chinese context. Chan DW, et al. **Int J Psychosom** 1984;31(4):3–10

Life events and psychiatric referral in children: comparison with a general population. Dooley E, et al. **Ir J Med Sci** 1984 Sep;153(9):310–5

Cognitive problem-solving and life event correlates of depressive symptoms in children. Mullins LL, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):305–14

Behavioral response to naturally occurring stress in cyclothymia and dysthymia. Goplerud E, et al. **J Abnorm Psychol** 1985 May;94(2):128–39

Depressive self-schemas, life stress, and vulnerability to depression. Hammen C, et al. **J Abnorm Psychol** 1985 Aug;94(3):308–19

Psychosocial adjustment of adolescent children of a depressed, arthritic, or normal parent. Hirsch BJ, et al. **J Abnorm Psychol** 1985 May;94(2):154–64

Longitudinal study of cognitions, life events, and depression in psychiatric inpatients. Persons JB, et al. **J Abnorm Psychol** 1985 Feb;94(1):51-63

Inter-rater reliability of the Italian version of the Paykel Scale of stressful life events. Baratta S, et al. **J Affective Disord** 1985 May-Jun;8(3):279-82

Life events preceding the onset of panic disorder. Faravelli C. **J Affective Disord** 1985 Jul;9(1):103-5

Tolerance of aversive stimuli in relation to life change. Harney MK, et al. **J Behav Med** 1985 Mar;8(1):21-35

Recent life events in school children: race, socioeconomic status, and cardiovascular risk factors. The Minneapolis Children's Blood Pressure Study. Gillum RF, et al. **J Chronic Dis** 1984;37(11):839-51

The Unpleasant Events Schedule: a scale for the measurement of aversive events. Lewinsohn PM, et al. **J Clin Psychol** 1985 Jul;41(4):483-98

Ethnicity and life event cognitive appraisals and experiences. Pine CJ, et al. **J Clin Psychol** 1985 Jul;41(4):460-5

Gender differences in rating stressful events, depression, and depressive cognition. Sowa CJ, et al. **J Clin Psychol** 1984 Nov;40(6):1334-7

Stress of transition from residency training to clinical practice in the military setting. David DJ, et al. **J Fam Pract** 1984 Oct;19(4):558-9

Social supports and stress as predictors of illness. McKay DA, et al. **J Fam Pract** 1985 Jun;20(6):575-81

Social networks, stress, and physical health: a longitudinal study of an inner-city elderly population. Cohen CI, et al. **J Gerontol** 1985 Jul;40(4):478-86

Measuring life stress: factors affecting fall-off in the reporting of life events. Funch DP, et al. **J Health Soc Behav** 1984 Dec;25(4):453-64

Protective function of resources related to life events, global stress, and depression in older adults. Norris FH, et al. **J Health Soc Behav** 1984 Dec;25(4):424-37

Stressful life events and drug use among adolescents. Bruns C, et al. **J Human Stress** 1984 Fall;10(3):135-9

Life stress and athletic injury: examination of positive versus negative events and three moderator variables. Passer MW, et al. **J Human Stress** 1983 Dec;9(4):11-6

Weighted versus unweighted life event scores: is there a difference? Zimmerman M. **J Human Stress** 1983 Dec; 9(4):30-5

Psychosocial childbearing stress and metabolic control in pregnant diabetics. Barglow P, et al. **J Nerv Ment Dis** 1985 Oct;173(10):615-20

Stressful life events associated with endogenous depression. Cornell DG, et al. **J Nerv Ment Dis** 1985 Aug;173(8):470-6

Coping and depression. The relative contribution of internal and external resources during a life cycle transition. Richman J, et al. **J Nerv Ment Dis** 1985 Oct;173(10):590-5

Repatterning of stroke rehabilitation clients following return to life in the community. Davidson AW, et al. **J Neurosurg Nurs** 1985 Apr;17(2):123-8

A needs assessment of significant others following the patient's spinal cord injury. Stanton GM. **J Neurosurg Nurs** 1984 Oct;16(5):253-6

Mentor types and life cycles. Darling LA. **J Nurs Adm** 1984 Nov;14(11):43-4

'Mentors' and 'mentoring'. Darling LA. **J Nurs Adm** 1985 Mar;15(3):42-3

A study of the effects of personal and academic exposures on attitudes of nursing students toward death. Coolbeth LA, et al. **J Nurs Educ** 1984 Oct;23(8):338-41

Crisis intervention: when the client is a nursing student. Lampkin N, et al. **J Nurs Educ** 1985 Apr;24(4):148-50

Perceptions of stressful life events and depression: a test of attributional models. Cochran SD, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1562-71

Adler's psychology (of use) today: personal history of traumatic life events as a self-handicapping strategy. DeGree CE, et al. **J Pers Soc Psychol** 1985 Jun; 48(6):1512-9

Some psychological effects associated with positive and negative thinking about stressful event outcomes: was Pollyanna right? Goodhart DE. **J Pers Soc Psychol** 1985 Jan;48(1):216-32

The timing of psychosocial changes in women's lives: the years 25 to 45. Reinke BJ, et al. **J Pers Soc Psychol** 1985 May;48(5):1353-64

Demographics, stress, and depression in a community health screening. Hall JR, et al. **J Psychol** 1984 Sep;118(1ST Half):45-50

After Mount St. Helens. Disaster stress research. Murphy SA. **J Psychosoc Nurs Ment Health Serv** 1984 Jul; 22(7):8-11, 15-8

Goal frustration and life events in the aetiology of painful gastrointestinal disorder. Craig TK, et al. **J Psychosom Res** 1984;28(5):411-21

Life events and physical illness. Creed F. **J Psychosom Res** 1985;29(2):113-23

The influence of a supportive, problem-solving, group intervention on the health status of students with great recent life change. Marx MB, et al. **J Psychosom Res** 1984; 28(4):275-8

Effects of moderator variables in reducing stress outcome in mothers of children with handicaps. Petersen P. **J Psychosom Res** 1984;28(4):337-44

Life change and onset of cancer in identical twins. Smith CK, et al. **J Psychosom Res** 1984;28(6):525-32

Stressful life events and alcohol misuse in women: a critical review. Allan CA, et al. **J Stud Alcohol** 1985 Mar; 46(2):147-52 (63 ref.)

Stressful events, stressful conditions and alcohol problems in the United States: a partial test of Bales's theory. Linsky AS, et al. **J Stud Alcohol** 1985 Jan;46(1):72-80

News of risk as a potential stressor [editorial] Horowitz M. **JAMA** 1985 Apr 5;253(13):1929

Life stress and hysterectomy-oophorectomy. Kraaimaat FW, et al. **Maturitas** 1984 Dec;6(4):319-25

Stressful life events and schizophrenia. Relation to illness onset and family history. Gruen R, et al. **Neuropsychobiology** 1984;12(4):206-8

Loss and terminal illness. Benoliel JQ. **Nurs Clin North Am** 1985 Jun;20(2):439-48

Health team has special challenge when employees face death or illness. Kurt TL. **Occup Health Saf** 1985 Apr;54(4):76

Growing older: a study of stress and transition periods. Timmreck TC, et al. **Occup Health Saf** 1984 Oct; 53(9):39-40, 45-8

Environmental stressors and chronic low back pain: life events, family and work environment. Feuerstein M, et al. **Pain** 1985 Jul;22(3):295-307

Family life events, maternal depression, and maternal and teacher descriptions of child behavior. Fergusson DM, et al. **Pediatrics** 1985 Jan;75(1):30-5

Stressful life events and somatic complaints in adolescents. Greene JW, et al. **Pediatrics** 1985 Jan;75(1):19-22

Does statistical significance equal real significance [letter] Hersher L. **Pediatrics** 1985 Feb;75(2):375-6

Perception of life stress events by older and younger women. Davies DM, et al. **Percept Mot Skills** 1985 Jun;60(3):925-6

Early adolescence. A time of transition and stress. Hamburg BA. **Postgrad Med** 1985 Jul;78(1):158-61, 164-7

A home burns: stress in a family. Ordway JE. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):127-31

A chronology of defensive adaptations to severe psychological trauma. Pruett KD. **Psychoanal Study Child** 1984;39:591-612

Time and trauma. Terr LC. **Psychoanal Study Child** 1984; 39:633-65

The List of Threatening Experiences: a subset of 12 life event categories with considerable long-term contextual threat. Brugha T, et al. **Psychol Med** 1985 Feb;15(1):189-94

Life stress and symptom pattern in out-patient depression. Paykel ES, et al. **Psychol Med** 1984 Aug;14(3):559-68

Life change events as stressors and their relationship to mental health among undergraduate university students. Cole GE. **Psychol Rep** 1985 Apr;56(2):387-90

The work ethic as moderator variable of life stress: preliminary inquiry. Flannery RB Jr. **Psychol Rep** 1984 Oct;55(2):361-2

Humor preference and coping with stress. Schill T, et al. **Psychol Rep** 1984 Aug;55(1):309-10

A social-cognitive theory of depression in reaction to life events. Oatley K, et al. **Psychol Rev** 1985 Jul;92(3):372-88

Psychologic stress and glycemic control: a comparison of patients with and without proliferative diabetic retinopathy. Jacobson AM, et al. **Psychosom Med** 1985 Jul-Aug; 47(4):372-81

Life change stress, psychiatric symptoms, and natural killer cell activity. Locke SE, et al. **Psychosom Med** 1984 Sep-Oct;46(5):441-53

Life stress and rheumatoid arthritis. A 15-year follow-up study. Rimón R, et al. **Psychother Psychosom** 1985; 43(1):38-43

Stress levels and health status of victims of a natural disaster. Murphy SA. **Res Nurs Health** 1984 Sep;7(3):205-15

Perception of life event stress in patients with chronic duodenal ulcer. A comparison of the rating of life events by duodenal ulcer patients and community controls. McIntosh JH, et al. **Scand J Gastroenterol** 1985 Jun; 20(5):563-8

Are life events which cause each other additive in their effects? Miller PM, et al. **Soc Psychiatry** 1985;20(1):31-41

Families, transitions, and health: another look. Dillon C. **Soc Work Health Care** 1985 Summer;10(4):35-44

[Sequential traumatization of children] Keilson H. **Ned Tijdschr Geneeskd** 1985 May 4;129(18):832-4 **(Dut)**

[Existential events and depression. Comparative study of several types of depressed patients] Amiel-Lebigre F, et al. **Ann Med Psychol (Paris)** 1984 Jul-Aug;142(7):937-58 (Eng. Abstr.) **(Fre)**

[Isolation, social support, life events and health status] Briançon S, et al. **Rev Epidemiol Sante Publique** 1985; 33(1):48-65 (123 ref.) (Eng. Abstr.) **(Fre)**

[The experience of the menopause] Vagogne A. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):191-4 (Eng. Abstr.) **(Fre)**

[Life change events preceding acute psychiatric diseases] Möller HJ, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(2):118-24 (Eng. Abstr.) **(Ger)**

[Significance of bonding and separation in the development of disease] Csef H, et al. **Nervenarzt** 1985 May;56(5):245-51 **(Ger)**

[Adjustment and personal loss. A contribution to the psychopathology of childhood and adolescence] Reinhard HG. **Nervenarzt** 1985 May;56(5):252-8 **(Ger)**

[Standardization of a scale for measuring life change events] Binder J, et al. **Soc Psychiatry** 1984;19(4):173-80 (Eng. Abstr.) **(Ger)**

[Significance of current life conflicts for psychological disorders] Froese M. **Z Arztl Fortbild (Jena)** 1985; 79(4):167-70 **(Ger)**

[Biography as giving sense to the senseless?] Wyss D. **Z Klin Psychol Psychopathol Psychother** 1984;32(2):100-11 **(Ger)**

[Understanding the life history: diagnostic, therapeutic and methodologic viewpoints] Schelling WA. **Z Psychosom Med Psychoanal** 1985;31(3):205-14 (Eng. Abstr.) **(Ger)**

[Problems in Life-event research from its psychodynamic aspects] Schloss G. **Z Psychosom Med Psychoanal** 1984; 30(3):214-31 (Eng. Abstr.) **(Ger)**

[Stress factors in affective diseases] Bidzińska E. **Psychiatr Pol** 1984 Sep-Oct;18(5):469-75 (40 ref.) **(Pol)**

LIFE EXPECTANCY

Permanent pacemaker treatment in older age groups. Breivik K, et al. **Acta Med Scand** 1984;216(1):119-25

Pursuing longevity: delay vs elimination of degenerative diseases. Olshansky SJ. **Am J Public Health** 1985 Jul; 75(7):754-7

Life expectancies recalculated [letter] Taylor R. **Am J Public Health** 1985 Apr;75(4):414

Life expectancy of Swedish haemophiliacs, 1831-1980. Larsson SA. **Br J Haematol** 1985 Apr;59(4):593-602

Reflections from the dean's office. What about mortality? Massey RU. **Conn Med** 1984 Sep;48(9):615

The threshold hypothesis: evidence from less developed Latin American countries, 1950 to 1980. Cutright P, et al. **Demography** 1984 Nov;21(4):459-73

Effects of U.V. radiation on the lifespan of the rotifer Asplanchna brightwelli. Sawada M, et al. **Exp Gerontol** 1984;19(5):289-96

Negative trends in life expectancy in the USSR, 1964-1983. Medvedev ZA. **Gerontologist** 1985 Apr;25(2):201-8

Misinterpretations of increases in life expectancy in gerontology textbooks. Yin P, et al. **Gerontologist** 1985 Feb; 25(1):78-82

Rate of aging, rate of dying and non-Gompertzian mortality - encore.... Economos AC. **Gerontology** 1985;31(2):106-11

Smoking-related cancers and potential years of life lost attributable to cigarette smoking, Ireland, 1968 to 1978. Haslett D. **Ir J Med Sci** 1984 Sep;153(9):302-9

Mortality ratios and life expectancy in X chromatin positive males. Price WH, et al. **J Epidemiol Community Health** 1985 Mar;39(1):33-8

A comparison of life-span and spontaneous tumor incidence of male and female Han:WIST virgin and retired breeder rats. Rehm S, et al. **Lab Anim Sci** 1984 Oct;34(5):458-64

The effect of sequential multiple grafting of syngeneic newborn thymus on the immune functions and life expectancy of aging mice. Hirokawa K, et al. **Mech Ageing Dev** 1984 Nov;28(1):111-21

Relationship of body temperature stability to mortality in aging mice. Reynolds MA, et al. **Mech Ageing Dev** 1985 May 13;30(2):143-52

Double product of blood pressure and heart rate and maximal life span in mammals [letter] Gillum RF. **N Engl J Med** 1985 Jul 4;313(1):52-3

Prospects for an ageing population. Brody JA. **Nature** 1985 Jun 6-12;315(6019):463-6

Patterns of mortality and age at first reproduction in natural populations of mammals. Harvey PH, et al. **Nature** 1985 May 23-29;315(6017):319-20

Influence of early or late dietary restriction on life span and immunological parameters in MRL/Mp-lpr/lpr mice. Kubo C, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5831-5

The limits of prevention. McGinnis JM. **Public Health Rep** 1985 May-Jun;100(3):255-60

Influence of age on life shortening and tumor induction after X-ray and neutron irradiation. Covelli V, et al. **Radiat Res** 1984 Nov;100(2):348-64

A note on the reduction of a risk of death. Tsai SP, et al. **Soc Biol** 1983 Summer;30(2):228-33

[Present status and prospect of research in traditional Chinese medicine and western medicine in life expectancy experiments] Wang W. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):703-5 **(Chi)**

[Analysis of life tables of Shanghai municipality from 1951 to 1980] Gu XY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):82-5 (Eng. Abstr.) **(Chi)**

[The effect of serious diseases on the average life span of the population in Czechoslovakia] Strnad L, et al. **Cesk Zdrav** 1985 Jan;33(1):1-8 (Eng. Abstr.) **(Cze)**

[A retrospective study of duration of illness in a group of nursing home patients with a dementia syndrome] van Houte LR, et al. **Tijdschr Gerontol Geriatr** 1984 Dec; 15(6):239-44 (Eng. Abstr.) **(Dut)**

[Life expectancy of mentally handicapped persons] Beckers J. **Arch Belg** 1984;42(5-6):294-310 (Eng. Abstr.) **(Fre)**

[Life expectancy in good health] Blanchet M. **Union Med Can** 1985 Feb;114(2):154-7 **(Fre)**

[Life expectancy in pancreatic carcinoma and periampullary carcinoma] Muhrer KH. **Lebensversicherungsmedizin** 1985 Jul 1;37(4):100-3 (Eng. Abstr.) **(Ger)**

[Increasing life expectancy--effects on the care of the aged?] Grossjohann K, et al. **Z Gerontol** 1984 Nov-Dec; 17(6):311-4 (Eng. Abstr.) **(Ger)**

[Increasing life expectancy--interdisciplinary aspects (editorial)] Lehr U. **Z Gerontol** 1984 Nov-Dec;17(6):303-5

(Ger)

[Aspects of demographic development in West Germany] Wingen M. **Z Gerontol** 1984 Nov-Dec;17(6):306-10 (Eng. Abstr.) (Ger)

[Physiological parameters of aging process] Nagasaki H. **Nippon Ronen Igakkai Zasshi** 1984 May;21(3):214-8 (Eng. Abstr.) (Jpn)

[Application of the Gompertz mortality law to the prognosis of lifespan shortening due to chronic internal irradiation] Panteleev LI, et al. **Radiobiologiia** 1984 Nov-Dec; 24(6):820-2 (Eng. Abstr.) (Rus)

[Life expectancy of patients with glaucoma] Akhrorova ZD. **Vestn Oftalmol** 1984 Nov-Dec;(6):13-5 (Rus)

[Life expectancy of the problem drinker in Santiago, Chile. IV. Relation to his occupational category] Naveillan P, et al. **Bol Of Sanit Panam** 1984 Jul;97(1):54-62 (Eng. Abstr.) (Spa)

[Life expectancy of the problem drinker in Santiago, Chile. V. Projection of results from 1960 to 1980] Naveillan P, et al. **Bol Of Sanit Panam** 1984 Aug;97(2):150-8 (Eng. Abstr.) (Spa)

[The limits of life expectancy] Jinich H. **Gac Med Mex** 1984 Jul-Aug;120(7-8):257-68 (Spa)

[Life tables for the affiliated populations at the Mexican Institute of Social Security, state delegation in Jalisco. 1983] García de Alba JE, et al. **Salud Publica Mex** 1985 Mar-Apr; 27(2):155-60 (Eng. Abstr.) (Spa)

LIFE EXPERIENCES see **LIFE CHANGE EVENTS**

LIFE ISLANDS see **PATIENT ISOLATORS**

LIFE STYLE

see related
SOCIAL ENVIRONMENT

Co-carcinogens of the initiation-(or tumor)promoter type as environmental risk factors of cancer in man, experimental analysis of an etiologic model situation of life style cancer and current problems of assessment of cancer risk in multifactorial carcinogenesis. Hecker E. **Acta Pharmacol Toxicol (Copenh)** 1984;55 Suppl 2:145-64 (49 ref.)

Mineral density of calcaneus in men at different ages: a population study with special reference to life-style factors. Suominen H, et al. **Age Ageing** 1984 Sep;13(5):273-81

Circumpolar health, 1984: an Alaskan perspective. Mala TA. **Alaska Med** 1984 Oct-Dec;26(4):108-11

Transition from a hunter-gatherer to a settled lifestyle in the !Kung San: effect on iron, folate, and vitamin B12 nutrition. Fernandes-Costa FJ, et al. **Am J Clin Nutr** 1984 Dec;40(6):1295-303

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Introduction: correlates of diet, nutrient intake, and metabolism in relation to colon cancer. Nair PP. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):880-6 (86 ref.)

Nonurban male homosexuals: epidemiologic, immunologic and virologic characteristics. Sherertz RJ, et al. **Am J Med Sci** 1984 Oct;288(3):109-13

Taxonomy of family life styles: II. Homes with slow-learning children. Mink IT, et al. **Am J Ment Defic** 1984 Sep; 89(2):111-23

Homelessness in America: myths and realities. Mowbray CT. **Am J Orthopsychiatry** 1985 Jan;55(1):4-8

Driver licensing age and lifestyles of 16 year olds. Preusser DF, et al. **Am J Public Health** 1985 Apr;75(4):358-60

Modernization, migration and obesity among Samoan adults. Bindon JR, et al. **Ann Hum Biol** 1985 Jan-Feb;12(1):67-76

The decline in ischemic heart disease mortality rates. An analysis of the comparative effects of medical interventions and changes in lifestyle. Goldman L, et al. **Ann Intern Med** 1984 Dec;101(6):825-36 (130 ref.)

The effects of the acquired immune deficiency syndrome on gay lifestyle and the gay individual. Hirsch DA, et al. **Ann NY Acad Sci** 1984;437:273-82

Functional changes in vascular amputee patients: evaluation by Barthel Index, PULSES profile and ESCROW scale. O'Toole DM, et al. **Arch Phys Med Rehabil** 1985 Aug; 66(8):508-11

Evaluation of automated health testing at the Shepherd Foundation. Lifestyle changes three months and two years after testing. Rowe I, et al. **Aust Fam Physician** 1984 Oct; 13(10):742-4, 746

Cholesterol, stress, lifestyle, and coronary heart disease. Troxler RG, et al. **Aviat Space Environ Med** 1985 Jul; 56(7):660-5 (44 ref.)

Health practices in United States Air Force personnel compared to United States adult civilians. Wetzler HP, et al. **Aviat Space Environ Med** 1985 Apr;56(4):371-5

Lifestyle assessment: applying microcomputers in family practice. Skinner HA, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):212-4

Lifestyle assessment: just asking makes a difference. Skinner HA, et al. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):214-6

Life-style and bone mineral mass in perimenopausal women. Johnell O, et al. **Calcif Tissue Int** 1984 Jul;36(4):354-6

Where is the art in medicine? Waugh D. **Can Med Assoc J** 1984 Dec 1;131(11):1397

Behaviourally-based principles as guidelines for health promotion. Lee C, et al. **Community Health Stud** 1985; 9(2):131-8

Health-related aspects of lifestyle in general hospital patients. Oldenburg B, et al. **Community Health Stud** 1984;8(3):281-7

'Does the mode matter?'—A comparison of three modes of questionnaire completion. Quine S. **Community Health Stud** 1985;9(2):151-6

Attitudes and behaviour of junior hospital doctors in initiating behavioural change amongst hospitalized patients. Radford AJ, et al. **Community Health Stud** 1985;9(1):19-26

Misericordia's wellness program improves employees' lifestyles. Fillingham E. **Dimens Health Serv** 1984 Dec; 61(12):34-5

American household structure in transition. Glick PC. **Fam Plann Perspect** 1984 Sep-Oct;16(5):205-11

Why tolerate the statistical victim? Trachtman LE. **Hastings Cent Rep** 1985 Feb;15(1):14

A lifestyle change program associated with a major clinic and hospital—a 2-year follow-up of prepaid (HMO) plan members. Cashman TM, et al. **Hawaii Med J** 1985 Mar; 44(3):90-6

Epidemiology of headache in elderly—correlations with life conditions and socio-professional environment. Serratrice G, et al. **Headache** 1985 Mar;25(2):85-9

Intent to participate in worksite health promotion activities: a model of risk factors and psychosocial variables. Davis KE, et al. **Health Educ Q** 1984 Winter;11(4):361-77

An overview and analysis of the Health Style campaign. Davis MF, et al. **Health Educ Q** 1984 Fall;11(3):253-72

Life events, social network, life-style, and health: an analysis of the 1979 National Survey of Personal Health Practices and Consequences. Gottlieb NH, et al. **Health Educ Q** 1984 Spring;11(1):91-105

Health and life-style of longevous Palauans: implications for developmental theory. Jensen GD, et al. **Int J Aging Hum Dev** 1984;19(4):271-85

Nutritional status of the elderly. IV. Nutritional knowledge, food preferences and life styles connected with the nutritional process. Alberti Fidanza A. **Int J Vitam Nutr Res** 1984;54(4):361-9

Attitudes, knowledge, and behavior before and after an undergraduate health and lifestyle course. McClaran DM, et al. **J Am Coll Health** 1985 Apr;33(5):220-2

Puzzles in the study of daily hassles. Lazarus RS. **J Behav Med** 1984 Dec;7(4):375-89

Alterations in health perception and lifestyle in treated hypertensives. Milne BJ, et al. **J Chronic Dis** 1985; 38(1):37-45

Leydig cell function in normal men: effect of age, life-style, residence, diet, and activity. Deslypere JP, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):955-62

The relationship of blood pressure to diet and lifestyle in two religious populations. Rouse IL, et al. **J Hypertens** 1983 Jun;1(1):65-71

A description of life style attributes among cancer patients and their spouses. Clutter GA, et al. **J Natl Med Assoc** 1985 Mar;77(3):193-5

Physical, psychological, social, and lifestyle differences among adolescents classified according to cigarette smoking intention status. Tucker LA. **J Sch Health** 1985 Apr;55(4):127-31

Factors affecting child health in a traditional West African society I. Scheer P, et al. **J Trop Pediatr** 1985 Apr; 31(2):77-82

Do physicians preach what they practice? A study of physicians' health habits and counseling practices. Wells KB, et al. **JAMA** 1984 Nov 23-30;252(20):2846-8

Drugs, doctors and style of life. Tayback M. **JPMA** 1985 Apr;35(4):126-31

Holy dread. McCormick JS, et al. **Lancet** 1984 Dec 22; 2(8417-18):1455-6

Influence of life-style on the pattern of leukaemia and lymphoma subtypes among Nigerians. Williams CK. **Leuk Res** 1985;9(6):741-5

Behavioral epidemiology, health promotion, and health services. Kaplan RM. **Med Care** 1985 May;23(5):564-83

Living with coronary artery disease. The nurse's role. Pinneo R. **Nurs Clin North Am** 1984 Sep;19(3):459-67

Expressed interest in health-related lifestyle change in three communities. Raeburn JM. **NZ Med J** 1985 Apr 10; 98(776):242-4

Public principles, private lives. Bluestone N. **Pa Med** 1985 Jul;88(7):54-55

Ok Tedi: pot of what? [editorial] Lourie J. **Papua New Guinea Med J** 1983 Jun;26(2):91-2

Evaluation of lifestyle risk assessment and health education program. Korolewski LS. **Public Health** 1984 Nov; 98(6):372-6

Relationship of health locus of control to lifestyle change programs. Jordan-Marsh M, et al. **Res Nurs Health** 1985 Mar;8(1):3-11

Impact of a husband's chronic illness (COPD) on the spouse's life. Sexton DL, et al. **Res Nurs Health** 1985 Mar;8(1):83-90

Child-rearing, marital, recreational and work role integration and climacteric symptoms in midlife women. Uphold CR, et al. **Res Nurs Health** 1985 Mar;8(1):73-81

Life-style and health: some remarks on different viewpoints. Badura B. **Soc Sci Med** 1984;19(4):341-7

Environment and treatment: methodological notes on program evaluation and institutional culture. Watson W. **Soc Sci Med** 1984;19(6):629-34

Life-style factors among patients with melanoma. Hicks N, et al. **South Med J** 1985 Aug;78(8):903-8

The disuse syndrome. Bortz WM 2d. **West J Med** 1984 Nov; 141(5):691-4

Personal health promotion. Mason JO, et al. **West J Med** 1984 Dec;141(6):772-6

Societal influences on health and life-styles. Ulmer DD. **West J Med** 1984 Dec;141(6):793-8

[Responsibility for one's own health. Typology as synthesis] Dooghe G, et al. **Arch Belg** 1984;42(5-6):253-69 (Eng. Abstr.) (Dut)

[Becoming sedentary, acculturation and infectious diseases: socio-ecological problems of the Bayaka Pygmies] Heymer A. **Bull Soc Pathol Exot Filiales** 1985;78(2):226-38 (Eng. Abstr.) (Fre)

[Correlations between life satisfaction, perception of health status and activities of the aged] Couet S, et al. **Can J Public Health** 1984 Jul-Aug;75(4):289-93 (Eng. Abstr.) (Fre)

[Promoting health and the habit of physical activity] Godin G, et al. **Union Med Can** 1985 Apr;114(4):338-41 (Eng. Abstr.) (Fre)

['Successful aging' requires 'proper' living. A social challenge through trends in population development] Lehr U. **Fortschr Med** 1984 Sep 6;102(33):70-1 (Ger)

[Cardiovascular diseases in advanced age: prevention and rehabilitation from the psychologic viewpoint] Lehr U. **Internist (Berlin)** 1984 Aug;25(8):485-90 (Ger)

[Concept of the 'unfulfilled life' in the work of Viktor von Weizsäcker] Zacher A. **Psychother Psychosom Med Psychol** 1984 Sep-Oct; 34(9-10):237-41 (Eng. Abstr.) (Ger)

[Characteristics of terminal analgesics-induced nephropathy] Schwarz A, et al. **Schweiz Med Wochenschr** 1985 Jun 8; 115(23):790-5 (Eng. Abstr.) (Ger)

[Introduction to psychosocial medicine] Heim E. **Ther Umsch** 1984 Nov;41(11):739-46 (Ger, Fre)

[Effect of social factors and life style on work disability of young workers] Schirmer K, et al. **Z Gesamte Hyg** 1984 Oct;30(10):537-41 (Eng. Abstr.) (Ger)

[Healthy life style, health status and disease status in young workers] Schirmer K, et al. **Z Gesamte Hyg** 1984 Oct; 30(10):534-7 (Eng. Abstr.) (Ger)

[Work as a health factor] Larsen O. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2433-9 (Nor)

[Life style of preschool children and their families] Al'bitskii VIu, et al. **Gig Sanit** 1985 Jun;(6):41-3 (Rus)

[Social-hygienic aspects of working, living and nutritional conditions of railroad locomotive workers] Demirskaia LN. **Gig Sanit** 1985 Apr;(4):73-4 (Rus)

[Experience in using a questionnaire method to study the working conditions and way of life of rural women workers] Karakashian AN. **Gig Sanit** 1985 Apr;(4):59-60 (Rus)

[Development of a healthy life style] Izutkin DA. **Sov Zdravookhr** 1984;(11):8-11 (Eng. Abstr.) (Rus)

[The socialist way of life and public health] Shadimetov Iu. **Vestn Akad Med Nauk SSSR** 1985;(1):75-8 (Rus)

LIFE SUPPORT CARE

Ethics in cardiopulmonary resuscitation. Baskett PJ, et al. **Am J Emerg Med** 1984 May;2(3):273-4

Have we forgotten basic life support? [editorial] Pointer JE, et al. **Am J Emerg Med** 1984 Nov;2(6):564-5

Objectifying testing of the MEGA CODE station: a system of shorthand. Grauer K, et al. **Ann Emerg Med** 1985 May; 14(5):454-8

Medical reliability of advanced prehospital cardiac life support. Peacock JB, et al. **Ann Emerg Med** 1985 May; 14(5):407-9

'PALS for life!' A required trauma-oriented pediatric advanced life support course for pediatric and emergency medicine housestaff. Thompson BM, et al. **Ann Emerg Med** 1984 Nov;13(11):1044-7

Ethics, law, and nutritional support. Dresser RS, et al. **Arch Intern Med** 1985 Jan;145(1):122-4

Legal aspects of withdrawing nourishment from an incurably ill patient. Meyers DW. **Arch Intern Med** 1985 Jan; 145(1):125-8

Against the emerging stream. Should fluids and nutritional support be discontinued? Siegler M, et al. **Arch Intern Med** 1985 Jan;145(1):129-31

Residual sentience and cognitive death: ethical issues in brain death and the persistent vegetative state. Ladanyi M. **Can Med Assoc J** 1984 Sep 15;131(6):632, 634-6

Home care for life-supported persons in England. The Responaut Program. Goldberg AI, et al. **Chest** 1984 Dec; 86(6):910-4

Terminal weaning [letter] Searle JF. **Crit Care Med** 1984 Nov;12(11):1010-1

Treatment and care of 'do not resuscitate' patients in a medical intensive care unit. Lewandowski W, et al. **Heart Lung** 1985 Mar;14(2):175-81

Ethics of extraordinary nutritional support [letter] Quilty WJ. **J Am Geriatr Soc** 1984 Dec;32(12):943-4

Freedom, dependency, and the care of the very old. Thomasma DC. **J Am Geriatr Soc** 1984 Dec;32(12):906-14

The relationship of the level of training and area of medical specialization with registrant performance in an advanced trauma life-support course. Aprahamian C, et al. **J Emerg Med** 1984;2(2):137-40

The shared burden: when physicians and families decide to forego life-sustaining treatment. Erstling SS.

J Fam Pract 1985 Apr;20(4):393-9

Intended goals and appropriate treatment: an alternative to the ordinary/extraordinary distinction. Meyers C. **J Med Ethics** 1984 Sep;10(3):128-30

Prehospital advanced trauma life support for critical penetrating wounds to the thorax and abdomen. Pons PT, et al. **J Trauma** 1985 Sep;25(9):828-32

Death is not the enemy. Landau RL, et al. **JAMA** 1984 Nov 2;252(17):2458

Refusal of treatment by proxy [letter] Kaye M. **Lancet** 1985 Mar 23;1(8430):699

Physicians' forum: medical direction and accountability for EMS advanced life support care in rural North Carolina. Hartley JM, et al. **NC Med J** 1985 May;46(5):271-3

Cardiopulmonary resuscitation and the doctor [letter] Holdaway J. **NZ Med J** 1985 Jan 23;98(771):22-3

Baby Doe, et al. Linenthal AJ. **Pharos** 1984 Summer;47(3):44

INSTRUMENTATION

Portable air mobile life support unit. Noy-Man Y, et al. **Aviat Space Environ Med** 1985 Jun;56(6):598-600

LEGISLATION & JURISPRUDENCE

Who decides and when is the time to institute resuscitative efforts? Abrams FR. **AORN J** 1985 Feb;41(2):467, 469

Final regulations issued on 'Baby Doe' and PROs. Klann SS. **AORN J** 1985 Jul;42(1):109, 112

Ethics, law, and nutritional support. Dresser RS, et al. **Arch Intern Med** 1985 Jan;145(1):122-4

Legal issues in withholding or withdrawing medical treatment. Glantz LH. **Chest** 1985 Sep;88(3 Suppl):175S-182S

Removal of life support systems. Kenneth Foody, et al. vs. Manchester Memorial Hospital, et al. **Conn Med** 1984 Nov;48(11):721-5

Decisions at the end of life: the legacy of Karen Ann Quinlan. Healey JM. **Conn Med** 1985 Aug;49(8):549

A case study in the abdication of professional responsibility. Purple dots and red circles. Paris JJ. **Conn Med** 1985 Feb;49(2):109-11

Ironies and tensions in feeding the dying. Capron AM. **Hastings Cent Rep** 1984 Oct;14(5):32-5

The final, anticlimactic rule on Baby Doe. Murray TH. **Hastings Cent Rep** 1985 Jun;15(3):5-9

Living wills and dying in Hawaii. Heintz LL. **Hawaii Med J** 1985 Jan;44(1):20, 22-3

Quinlan case set pace for bioethics debate. **Hospitals** 1985 Aug 1;59(15):36-7

Law and public policy. The case for the courts. Baron C. **J Am Geriatr Soc** 1984 Oct;32(10):734-8

Brief and appendix for amicus curiae: the American Geriatrics Society. Lynn J. **J Am Geriatr Soc** 1984 Dec;32(12):915-22

Decision making in the care of terminally ill incompetent persons: concerns about the role of the courts. Mariner WK. **J Am Geriatr Soc** 1984 Oct;32(10):739-46

Removing life support: a constitutional right. Berg RN. **J Med Assoc Ga** 1984 Dec;73(12):843-5

Withdrawing life support: a sound and sensitive opinion by the Georgia Supreme Court. Hofmann PB. **J Med Assoc Ga** 1984 Dec;73(12):825-6

Court responses to withholding or withdrawing artificial nutrition and fluids. Paris JJ, et al. **JAMA** 1985 Apr 19;253(15):2243-5

When is discontinuation of dialysis justified? Brahams D. **Lancet** 1985 Jan 19;1(8421):176-7

Withdrawal and withholding of life-support in terminally ill patients. Part I. Solnick PB. **Med Law** 1984;3(4):309-32

Withholding or withdrawing extraordinary life support. Optimizing rights and limiting liability. Gilfix M, et al. **West J Med** 1984 Sep;141(3):387-94

What is extraordinary life support? Jonsen AR. **West J Med** 1984 Sep;141(3):358-63

NURSING

The impact of advanced life support training for nursing personnel in an outpatient renal dialysis center. Chazan JA, et al. **RI Med J** 1984 Nov;67(11):503-4

PSYCHOLOGY

Balloons on the CCU. Shunior C. **NC Med J** 1985 Apr;46(4):197-8

Probable death: perspective of the elderly. Snow RM, et al. **South Med J** 1985 Jul;78(7):851-3

STANDARDS

Decisions on prolonging life [editorial] Tagge GF. **Crit Care Med** 1985 Aug;13(8):692

LIFE SUPPORT SYSTEMS see under **SEALED CABIN ECOLOGY**

LIFE TABLE METHODS see **ACTUARIAL ANALYSIS**

LIGAMENTS

Ossification of the posterior longitudinal ligament. A case diagnosed with computerized tomography. Branca V, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):468-71

Paramediastinal pneumatocele: alternative explanations to gas in the pulmonary ligament. Godwin JD, et al. **AJR** 1985 Sep;145(3):525-30

Strangulated omental hernia of the falciform ligament. Crawford R, et al. **Br J Surg** 1985 Jun;72(6):444

The development of tissue around various prosthetic implants used as replacements for ligaments and tendons. Goodship AE, et al. **Clin Orthop** 1985 Jun;(196):61-8

Tendon and ligament prostheses. Kashuk KB, et al. **Clin Podiatry** 1984 Apr;1(1):131-43 (40 ref.)

The reactive enthesopathies. Fries JF. **DM** 1985 Jan;31(1):1-46 (40 ref.)

Calcification of entheses associated with X-linked hypophosphatemic osteomalacia. Polisson RP, et al. **N Engl J Med** 1985 Jul 4;313(1):1-6

Infra-azygous pneumomediastinum versus pulmonary ligament air collection: CT evaluation. Morrison SC, et al. **Pediatr Radiol** 1985;15(2):129-30

[Ossification of the posterior longitudinal ligament] Foresti M, et al. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):481-4 (Eng. Abstr.) **(Ita)**

[Ossification of multi-vertebral ligaments. Case report] Ueda T, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):143-8 (Eng. Abstr.) **(Jpn)**

[Sternum-splitting approach for ossification of the posterior longitudinal ligament in the cervico-thoracic junction] Yasui T. **No Shinkei Geka** 1984 Aug;12(9):1021-7 (Eng. Abstr.) **(Jpn)**

[The styloid syndrome--a rare or undiagnosed disease] Barlović M. **Chir Maxillofac Plast** 1984;14(2-3):95-100 (Eng. Abstr.) **(Scr)**

ABNORMALITIES

Congenital ulnar drift and camptodactyly produced by malformation of the retaining ligaments of the skin. Zancolli EA, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):558-76

ANALYSIS

A collagen-like glycoprotein of the extracellular matrix is the undegraded form of type VI collagen. Jander R, et al. **Biochemistry** 1984 Jul 31;23(16):3675-81

Photolysis and partial ozonolysis of kappa-elastin from ligamentum nuchae. Han KK, et al. **Connect Tissue Res** 1985;13(3):251-60

CL glycoprotein is the tissue form of type VI collagen. Gibson MA, et al. **J Biol Chem** 1985 Sep 15;260(20):11149-59

ANATOMY & HISTOLOGY

Structures and relationships of the anterior malleus ligament. Toledo Filho JL, et al. **Anat Anz** 1985;158(1):13-22

Suspensory ligaments of nerves: an adaptation for protection of the avian spinal cord. Baumel JJ. **Anat Histol Embryol** 1985 Mar;14(1):1-5

[Anatomical study of the yellow ligament of the spine with special reference to its ossification] Hotta Y. **Nippon Seikeigeka Gakkai Zasshi** 1985 Mar;59(3):311-25 (Eng. Abstr.) **(Jpn)**

[Morphology and function of the neglected ligament of the foot] Mrvaljević D, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):481-6 (Eng. Abstr.) **(Scc)**

INJURIES

Distention of the stylomandibular ligament as a cause of styloid pain syndrome. Sataloff RT, et al. **Ear Nose Throat J** 1984 Sep;63(9):412-5

Carpal ligamentous disruptions and negative ulnar variance. Voorhees DR, et al. **Skeletal Radiol** 1985;13(4):257-62

[Hemoperitoneum caused by a laceration of the uterosacral ligament in a woman in the fifth month of pregnancy. Description of a case] Petrone M, et al. **Minerva Ginecol** 1984 Sep;36(9):535-8 (Eng. Abstr.) **(Ita)**

INNERVATION

Immunohistochemical demonstration of nociceptors in the ligamentous structures of the lumbar spine. Korkala O, et al. **Spine** 1985 Mar;10(2):156-7

METABOLISM

Glucocorticoids stimulate elastin production in differentiated bovine ligament fibroblasts but do not induce elastin synthesis in undifferentiated cells. Mecham RP, et al. **J Biol Chem** 1984 Oct 25;259(20):12414-8

Increased cyclic GMP levels lead to a stimulation of elastin production in ligament fibroblasts that is reversed by cyclic AMP. Mecham RP, et al. **J Biol Chem** 1985 Mar 25;260(6):3255-8

PATHOLOGY

Extension of hepatoma to the rectus abdominis muscle via ligamentum teres hepatis. Kim SY, et al. **Gastrointest Radiol** 1985;10(2):119-21

Vertebral artery occlusion at the narrowed 'scalenovertebral angle': mechanical vertebral occlusion in the distal first portion. Kojima N, et al. **Neurosurgery** 1985 May;16(5):672-4

[Surgical treatment of ossification of longitudinal ligament] Dong FC, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):36-7, 63 (Eng. Abstr.) **(Chi)**

[Hemo- and lymphomicrocirculatory bed of the broad ligament of the uterus in the presence of collateral circulation] Borodin IuI, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):39-47 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Lumbar intervertebral disc and ligament deformations measured in vivo. Pearcy MJ, et al. **Clin Orthop** 1984 Dec;(191):281-6

Biomechanical properties of spinal ligaments and a histological study of the supraspinal ligament in traction. Chazal J, et al. **J Biomech** 1985;18(3):167-76

Biomechanics of noncontractile tissue. A review. Cornwall MW. **Phys Ther** 1984 Dec;64(12):1869-73

RADIOGRAPHY

CT demonstration of tethering of the lung by the pulmonary ligament. Friedman PJ. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):947-8

Computed tomography of calcification and ossification of posterior longitudinal ligament of the spine. Firooznia H, et al. **J Comput Tomogr** 1984 Oct;8(4):317-24

Cervical myelopathy due to ossification of the posterior longitudinal ligament [letter] Lecky BR, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1355-6

Progressive myelopathy in a 32-year-old man. Chintapalli K. **JAMA** 1985 Apr 19;253(15):2255-7

Calcification in the stylohyoid ligament. O Carroll MK. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):617-21

Adult pulmonary ligament pneumatocele: a loculated pneumothorax. Friedman PJ. **Radiology** 1985 Jun;155(3):575-6

The stylohyoid ligament in Hurler syndrome and related conditions: comparison with normal children. Oestreich AE. **Radiology** 1985 Mar;154(3):665-6

Case report 312. Diagnosis: progressive paraparesis in a woman with pseudohypoparathyroidism (PHP) with ossification of the posterior longitudinal ligament from C4 to T5. Firooznia H, et al. **Skeletal Radiol** 1985;13(4):310-3

[Roentgenological and quantitative microradiographic study on ossification of posterior longitudinal ligament] Tei J. **Nippon Seikeigeka Gakkai Zasshi** 1985 Feb;59(2):153-66 (Eng. Abstr.) **(Jpn)**

SURGERY

Internal neurolysis or ligament division only in carpal tunnel syndrome--results of a randomized study. Holmgren-Larsson H, et al. **Acta Neurochir (Wien)** 1985;74(3-4):118-21

The effect of surgical dissection on regional blood flow to the ulnar nerve in the cubital tunnel. Ogata K, et al. **Clin Orthop** 1985 Mar;(193):195-8

Healing of reconstructed ligament insertion. Küsswetter W, et al. **Nippon Geka Hokan** 1984 Jul 1;53(4):564-72

Ligamentum flavum [letter] Griffith HB. **Surg Neurol** 1985 Jun;23(6):651

ULTRASTRUCTURE

Ultrastructural findings after the use of a CO2 laser in carpal tunnel surgery. Strohecker J, et al. **Lasers Surg Med** 1985;5(2):123-8

LIGAMENTS, ARTICULAR

The classic. Artificial ligaments at the knee. A technique. By Frederic J. Cotton and Gordon MacKay Morrison, 1934. **Clin Orthop** 1985 Jun;(196):4-6

Carbon-PGLA prostheses for ligament reconstruction. Experimental basis and short-term results in man. Bercovy M, et al. **Clin Orthop** 1985 Jun;(196):159-68

Ligament replacements--clinical evaluation. Blazina ME. **Clin Orthop** 1985 Jun;(196):7-8

The GORE-TEX expanded polytetrafluoroethylene prosthetic ligament. An in vitro and in vivo evaluation. Bolton CW, et al. **Clin Orthop** 1985 Jun;(196):202-13

On the interpretation of our anterior cruciate ligament data. Butler DL, et al. **Clin Orthop** 1985 Jun;(196):26-34 (37 ref.)

In vivo and in vitro investigation of the long-term behavior and fatigue strength of carbon fiber ligament replacement. Claes L, et al. **Clin Orthop** 1985 Jun;(196):99-111

Ligament induction by filamentous carbon fiber. Jenkins DH. **Clin Orthop** 1985 Jun;(196):86-7

Experimental mechanical and histologic evaluation of the Kennedy ligament augmentation device. McPherson GK, et al. **Clin Orthop** 1985 Jun;(196):186-95

Histologic pattern of biomechanic properties of the carbon fiber-augmented ligament tendon. A laboratory and clinical study. Mendes DG, et al. **Clin Orthop** 1985 Jun;(196):51-60

Torsion and bending imposed on a new anterior cruciate ligament prosthesis during knee flexion: an evaluation method. Gely P, et al. **J Biomech Eng** 1984 Nov;106(4):285-94

Symposium on the anterior cruciate ligament, part I. **Orthop Clin North Am** 1985 Jan;16(1):1-162

Embryology, anatomy, and function of the anterior cruciate ligament. Ellison AE, et al. **Orthop Clin North Am** 1985 Jan;16(1):3-14

[Postero-internal menisco-capsular disinsertions associated with chronic instabilities of the knee caused by rupture

of the anterior cruciate ligament] Lemaire M, et al. **Rev Chir Orthop** 1984;70(8):613-22 (Eng. Abstr.) **(Fre)**
[Ilio-lumbar syndrome] Nowak C. **Wiad Lek** 1984 Apr 1; 37(7):540-3 **(Pol)**
[Hypermobility of the wrist joint in athletes] Selivanov VP. **Ortop Travmatol Protez** 1984 Aug;(8):44-8 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Congenital absence of the anterior cruciate ligament. A common component of knee dysplasia. Thomas NP, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):572-5
[The ligamentous component in dysplasia of the 'coxa pedis'] Pisani G, et al. **Chir Organi Mov** 1982-83;68(4-6):717-26 (Eng. Abstr.) **(Ita)**

ANALYSIS

Tendons and ligaments: a morphological and biochemical comparison. Amiel D, et al. **J Orthop Res** 1984;1(3):257-65

ANATOMY & HISTOLOGY

Unicompartmental arthroplasty of the knee. Cadaver study of the importance of the anterior cruciate ligament. Møller JT, et al. **Acta Orthop Scand** 1985 Apr;56(2):120-3
The radioscapholunate ligament: a gross and histologic description. Berger RA, et al. **Anat Rec** 1984 Oct; 210(2):393-405
The medial metacarpotrapezial collateral ligament: importance of the fourth fascicle. Kuhlmann JN, et al. **Ann Chir Main** 1985;4(2):149-55 **(Eng, Fre)**
Research into the anatomy and X-ray diagnostics of the fibular ligaments at the ankle joint. Ludolph E, et al. **Arch Orthop Trauma Surg** 1984;103(5):348-52
The retinacular ligament. Stack HG. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):470-6
The scaphotrapezial ligament complex: an anatomic and biomechanical study. Drewniany JJ, et al. **J Hand Surg [Am]** 1985 Jul;10(4):492-8
The dorsal wrinkle ligaments of the proximal interphalangeal joint. Law P, et al. **J Hand Surg [Br]** 1984 Oct;9(3):271-5
The extensor retinaculum of the wrist: an anatomical and biomechanical study. Palmer AK, et al. **J Hand Surg [Br]** 1985 Feb;10(1):11-6
Ligamentous structures of the metacarpophalangeal joint: a quantitative anatomic study. Minami A, et al. **J Orthop Res** 1984;1(4):361-8
Histological study on the development of punctiform ligament insertion using ligamentum collaterale cubiti. Küsswetter W, et al. **Nippon Geka Hokan** 1984 Nov 1; 53(6):736-41
[Anatomy and roentgen diagnosis of the fibular ligaments of the ankle joint] Ludolph E, et al. **Unfallchirurg** 1985 May;88(5):245-9 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Blood supply to the anterior cruciate ligament and supporting structures. Arnoczky SP. **Orthop Clin North Am** 1985 Jan; 16(1):15-28

CYTOLOGY

Histological response to carbon fibre. Mendes DG, et al. **J Bone Joint Surg [Br]** 1985 Aug;67(4):645-9

EMBRYOLOGY

Comparative development of thoracic intervertebral discs and intra-articular ligaments in the human, monkey, mouse, and cat. Lohse CL, et al. **Acta Anat (Basel)** 1985; 122(4):220-8

INJURIES

Pes anserinus transfer for the unstable knee. A 7-year follow-up of 43 cases of ruptured anterior cruciate ligament. Hovelius L, et al. **Acta Orthop Scand** 1985 Apr; 56(2):127-9
Meniscus repair in knee ligament injuries. Strand T, et al. **Acta Orthop Scand** 1985 Apr;56(2):130-2
Primary repair in posterior cruciate ligament injuries. Strand T, et al. **Acta Orthop Scand** 1984 Oct;55(5):545-7
Lateral and anterior instability in acute ankle distortion. A radiologic investigation. Vuust M, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(6):507-11
Midcarpal wrist arthrography for detection of tears of the scapholunate and lunotriquetral ligaments. Tirman RM, et al. **AJR** 1985 Jan;144(1):107-8
A comparison of acute anterior cruciate ligament examinations. Initial versus examination under anesthesia. Donaldson WF 3d, et al. **Am J Sports Med** 1985 Jan-Feb; 13(1):5-10
An in vivo strain gage study of elongation of the anterior cruciate ligament. Henning CE, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):22-6
Torque-velocity relationships of the knee extensor and flexor muscles in individuals sustaining injuries of the anterior cruciate ligament. Murray SM, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):436-40
The course of partial anterior cruciate ligament ruptures. Odensten M, et al. **Am J Sports Med** 1985 May-Jun; 13(3):183-6
Hamstring control and the unstable anterior cruciate ligament-deficient knee. Walla DJ, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):34-9
Repairable posterior menisco-capsular disruption in anterior cruciate ligament injuries. Woods GW, et al. **Am J Sports Med** 1984 Sep-Oct;12(5):381-5
Scapholunate ligamentous instabilities (dissociations, subdislocations, dislocations). Linscheid RL. **Ann Chir Main** 1984;3(4):323-30 (38 ref.) **(Eng, Fre)**
Knee ligament injury during lateral impact. Hearon BF, et al. **Aviat Space Environ Med** 1985 Jan;56(1):3-8
Inversion injuries to the lateral ligament of the ankle joint. A pilot study of treatment. Allen MJ, et al. **Br J Clin Pract** 1985 Jul;39(7):282-6
Sports injuries of the knee ligaments--a prospective stress radiographic study. Hede A, et al. **Br J Sports Med** 1985 Mar;19(1):8-10
Injuries to the lateral ligament of the ankle [letter] **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1623
Injuries to the lateral ligament of the ankle [editorial] Lightowler CD. **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1247
The surgical treatment of old injuries of the collateral ligaments of the MP joint of the thumb using the extensor pollicis brevis tendon (a long-term follow-up of 100 cases). Sakellarides HT. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall; 44(2):449-58
Ankle instability: comparison of primary repair and delayed reconstruction after long-term follow-up study. Cass JR, et al. **Clin Orthop** 1985 Sep;(198):110-7
Surgical and nonsurgical treatment of acute ankle sprains. Cox JS. **Clin Orthop** 1985 Sep;(198):118-26
Meniscus repair in the athlete. DeHaven KE. **Clin Orthop** 1985 Sep;(198):31-5
Secondary reconstruction of the anterior cruciate ligament (ACL) in competitive athletes. Franke K. **Clin Orthop** 1985 Sep;(198):81-6
A perspective of lesions associated with ACL insufficiency of the knee. A review of 100 cases. Indelicato PA, et al. **Clin Orthop** 1985 Sep;(198):77-80
Correction of chronic lateral ligament instability of the ankle by use of the Broström procedure. A report of 15 cases. Javors JR, et al. **Clin Orthop** 1985 Sep;(198):201-7
Controversy about treatment of the knee with anterior cruciate laxity. Noyes FR, et al. **Clin Orthop** 1985 Sep; (198):61-76 (27 ref.)
Surgical or conservative treatment of the acutely torn anterior cruciate ligament. A randomized study with short-term follow-up observations. Odensten M, et al. **Clin Orthop** 1985 Sep;(198):87-93
Internal derangement of the knee: diagnosis by arthrography, arthroscopy, and arthrotomy. Selesnick FH, et al. **Clin Orthop** 1985 Sep;(198):26-30
Rating systems in the evaluation of knee ligament injuries. Tegner Y, et al. **Clin Orthop** 1985 Sep;(198):43-9
Rehabilitation of the anterior cruciate deficient knee. Markey KL. **Clin Sports Med** 1985 Jul;4(3):513-26
Successive ruptures of the ligamenta patellarum in a young Nigerian: a case report. Salawu SA, et al. **Injury** 1985 Mar; 16(5):337-8
Acute ruptures of the lateral ligament of the ankle. McElwain JP, et al. **Ir J Med Sci** 1985 Jan;154(1):18-22
Fibular head transposition for repair of cruciate-deficient stifle in the dog. Smith GK, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):375-83
Acromioclavicular separation--a plea for conservative treatment. Sorrells RB. **J Arkansas Med Soc** 1984 Oct; 81(5):263-6
Reconstruction of the lateral ligaments of the ankle using the plantaris tendon. Anderson ME. **J Bone Joint Surg [Am]** 1985 Jul;67(6):930-4
Instrumented measurement of anterior laxity of the knee. Daniel DM, et al. **J Bone Joint Surg [Am]** 1985 Jun; 67(5):720-6
Anterior cruciate reconstruction using the Jones-Ellison procedure. Fried JA, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1029-33
Instability of the distal tibiofibular syndesmosis after bimalleolar and trimalleolar ankle fractures [letter] Harper MC. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1319-20
Measurement of anterior-posterior motion of the knee in injured patients using a biomechanical stress technique. Torzilli PA, et al. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1438-42
Disruption of the anterior cruciate ligament in a three-year-old child. A case report. Waldrop JI, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1113-4
Locking of the metacarpophalangeal joint of the thumb. Yamanaka K, et al. **J Bone Joint Surg [Am]** 1985 Jun; 67(5):782-7
C.S. Campbell: Gamekeeper's thumb. Sternbach G. **J Emerg Med** 1984;1(4):345-7
Ulnar instability of the metacarpophalangeal joint of thumb. Lamb DW, et al. **J Hand Surg [Br]** 1985 Feb;10(1):113-4
Advances in the understanding of knee ligament injury, repair, and rehabilitation. Noyes FR, et al. **Med Sci Sports Exerc** 1984 Oct;16(5):427-43
Avulsion fracture of the fibula: the 'arcuate sign' of posterolateral knee instability. Shindell R, et al. **Nebr Med J** 1984 Nov;69(11):369-71
Symposium on the anterior cruciate ligament. Part II. **Orthop Clin North Am** 1985 Apr;16(2):163-355
Mechanism of injury and pathology of anterior cruciate ligament injuries. Feagin JA Jr, et al. **Orthop Clin North Am** 1985 Jan;16(1):41-5
Treatment selection in acute anterior cruciate ligament tears. Holden DL, et al. **Orthop Clin North Am** 1985 Jan; 16(1):99-109 (36 ref.)
Augmentation of acute rupture of the anterior cruciate ligament. Larson RL. **Orthop Clin North Am** 1985 Jan; 16(1):135-42
Diagnosis of chronic injury to the anterior cruciate ligament. Losee RE. **Orthop Clin North Am** 1985 Jan;16(1):83-97 (39 ref.)
The variable functional disability of the anterior cruciate ligament-deficient knee. Noyes FR, et al. **Orthop Clin North Am** 1985 Jan;16(1):47-67 (27 ref.)
Associated joint pathology in the anterior cruciate ligament-deficient knee with emphasis on a classification system and injuries to the meniscocapsular ligament-musculotendinous unit complex. Terry GC, et al. **Orthop Clin North Am** 1985 Jan;16(1):29-39 (40 ref.)
Acute knee injuries in athletes. Zarins B, et al. **Orthop Clin North Am** 1985 Apr;16(2):285-302
Ligamentous injury of the lower tibiofibular syndesmosis: radiographic evidence. Sclafani SJ. **Radiology** 1985 Jul; 156(1):21-7
Acute injury of the ligaments of the knee: magnetic resonance evaluation. Turner DA, et al. **Radiology** 1985 Mar; 154(3):717-22
Cruciate ligament injury: diagnostic difficulties in the presence of meniscal injury. Wolfe RD, et al. **Radiology** 1985 Oct;157(1):19-21
Indirect traumatic rupture of the ligamentum patellae. A case report. Solomons NB. **S Afr Med J** 1985 Mar 9;67(10):376-7
Wasting of the human quadriceps muscle after knee ligament injuries. Halkjaer-Kristensen J, et al. **Scand J Rehabil Med [Suppl]** 1985;13:5-55
Posterior cruciate ligament insufficiency. A review of the literature. Barton TM, et al. **Sports Med** 1984 Nov-Dec; 1(6):419-30 (51 ref.)
[X-ray observations on anterior drawer test in rupture of the lateral ligament of the ankle] Qu Yang ZN, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Apr;23(4):215-8, 253-4 (Eng. Abstr.) **(Chi)**
[New aspects of carpal injuries. II. Injuries of the ligaments] Lanik R. **Acta Chir Orthop Traumatol Cech** 1985 Feb; 52(1):47-51 (Eng. Abstr.) **(Cze)**
[Injuries of the knee joint stabilizers in clinical practice] Musialek J. **Acta Chir Orthop Traumatol Cech** 1985 Apr; 52(2):127-37 (Eng. Abstr.) **(Cze)**
[Rupture of the fibular ankle ligaments treated with plaster immobilization or mobile Pliton-80 bandage. A prospective randomized study] Cetti R, et al. **Ugeskr Laeger** 1985 Mar 11;147(11):941-4 (Eng. Abstr.) **(Dan)**
[Conservative treatment of rupture of the lateral ligament of the ankle. Prospective comparison of 2 conservative therapeutic methods] Lind T. **Ugeskr Laeger** 1984 Dec 17; 146(51):4017-9 (Eng. Abstr.) **(Dan)**
[Ligament injuries] Korkala O. **Duodecim** 1985;101(9):847-53 **(Fin)**
[Arguments for surgical treatment of severe sprains of the external lateral ligament of the tibiotarsal joint] Besnier JP. **J Chir (Paris)** 1984 Dec;121(12):727-33 (Eng. Abstr.) **(Fre)**
[Healing of ruptures of the anterior cruciate ligament treated with simple sutures. Possibilities, usefulness, clinical evaluation. Apropos of a series of 51 anterior cruciate ligament sutures using barbed wire with macroscopic verification of the healing] Goutallier D, et al. **Rev Chir Orthop** 1985;71(1):41-50 (Eng. Abstr.) **(Fre)**
[Significance of acute arthroscopy for the verification of fresh isolated cruciate ligament rupture] Benedetto KP, et al. **Aktuel Traumatol** 1984 Oct;14(5):227-31 (Eng. Abstr.) **(Ger)**
[Fresh and older elongation of the anterior cruciate ligament. Experiences in diagnosis and therapy] Paar O, et al. **Aktuel Traumatol** 1985 Apr;15(2):59-65 (Eng. Abstr.) **(Ger)**
[Technic of arthroscopic cruciate ligament-plasty] Benedetto KP. **Chirurg** 1984 Nov;55(11):756-9 **(Ger)**
[Ligament lesions of the knee--also a typical occupational injury] Biaggi J, et al. **Chirurg** 1984 Nov;55(11):717-20 (Eng. Abstr.) **(Ger)**
[Experiences with the syndesmosis hook in tibiofibular ligament injuries] Engelbrecht E, et al. **Chirurg** 1984 Nov; 55(11):749-55 **(Ger)**
[Acute ligament ruptures of the upper ankle joint] Rüedi T, et al. **Chirurg** 1984 Nov;55(11):692-8 **(Ger)**
[Evaluation of ligament injuries of the knee and ankle joint] Titze A, et al. **Chirurg** 1984 Nov;55(11):699-703 **(Ger)**
[Experience with 250 dynamic, proximal muscular pedicled, anterior cruciate ligament-plasties (Lindemann)] Villiger KJ. **Chirurg** 1984 Nov;55(11):710-6 (Eng. Abstr.) **(Ger)**
[Operative therapy of acute knee ligament injuries] Wörsdörfer O, et al. **Chirurg** 1984 Nov;55(11):681-91 **(Ger)**
[Peroneus brevis-plasty in the treatment of chronic fibular ligament insufficiency. Report of experiences in 23 cases] Zimmermann HG. **Chirurg** 1984 Nov;55(11):760-1 **(Ger)**
[Scapholunate dissociation] Buck-Gramcko D. **Handchir Mikrochir Plast Chir** 1985 Jul;17(4):194-9 (Eng. Abstr.) **(Ger)**
[Dorsal ligament reconstruction in scapholunate dissociation] Zilch H. **Handchir Mikrochir Plast Chir** 1985 Jul;

17(4):200-2 (Eng. Abstr.) **(Ger)**

[Fibular injury of ligaments of the upper part of the ankle joint. Contribution to the roentgen diagnosis] Balmer K, et al. **Helv Chir Acta** 1985 Apr;52(1):201-4 (Eng. Abstr.) **(Ger)**

[Reconstruction and after care in recent ligamentous knee injuries] Matter P, et al. **Helv Chir Acta** 1984 Nov;51(5):539-50 (Eng. Abstr.) **(Ger)**

[Follow-up studies of surgically and conservatively treated lateral ligament ruptures of the upper ankle] Zuber M, et al. **Helv Chir Acta** 1985 Jan;51(6):633-40 (Eng. Abstr.) **(Ger)**

[Injuries of the anterior cruciate ligament: an unresolved controversy] Skoff H. **Orthopade** 1985 Feb;14(1):64-8 **(Ger)**

[Computed tomographic arthrography of the cruciate ligaments of the knee] Garz G, et al. **Radiol Diagn (Berl)** 1985;26(2):189-95 (Eng. Abstr.) **(Ger)**

[Comparative study on the effectiveness of early functional treatment using special shoes following surgery of ruptures of fibular ligaments] Biegler M, et al. **Unfallchirurg** 1985 Mar;88(3):113-7 (Eng. Abstr.) **(Ger)**

[Periosteal flap reconstruction of the external ankle ligaments. Results of a follow-up study] Glas E, et al. **Unfallchirurg** 1985 May;88(5):219-22 (Eng. Abstr.) **(Ger)**

[Late sequelae following a supination injury of the juvenile ankle joint] Hollwarth M, et al. **Unfallchirurg** 1985 May;88(5):231-4 (Eng. Abstr.) **(Ger)**

[Conservative treatment of ruptures of the fibular ligament of the ankle] Zwipp H, et al. **Unfallchirurg** 1985 Apr;88(4):159-67 (Eng. Abstr.) **(Ger)**

[Lateral ligament ruptures of the upper ankle joint in children] Benz G, et al. **Unfallchirurgie** 1985 Feb;11(1):33-6 (Eng. Abstr.) **(Ger)**

[Diagnosis, treatment and results of surgically treated fresh exterior ligament ruptures of the upper ankle joint] Fux HD, et al. **Unfallchirurgie** 1985 Jun;11(3):141-6 (Eng. Abstr.) **(Ger)**

[A new drill template for the operative treatment of injuries of the anterior cruciate ligament] Blauth W. **Unfallheilkunde** 1984 Nov;87(11):463-6 (Eng. Abstr.) **(Ger)**

[Ambulatory operation of fresh ruptures of lateral ligaments of the ankle joint] Holzach P, et al. **Unfallheilkunde** 1984 Sep;87(9):374-9 (Eng. Abstr.) **(Ger)**

[Operative treatment of older ulnar collateral ligament ruptures of the thumb base joint with the sandwich method] Brückner H. **Zentralbl Chir** 1985;110(7):442-5 **(Ger)**

[Ambulatory operative treatment of fresh fibular ligament ruptures] Hahn M, et al. **Zentralbl Chir** 1985;110(7):419-25 (Eng. Abstr.) **(Ger)**

[Diagnosis of articular ligament injuries of the lower extremity using the so-called standard holding device for roentgenography] Forster G. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(4):283-7 (Eng. Abstr.) **(Hun)**

[Postoperative treatment of knee ligament injuries using a hinged plaster cast] Salacz T, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1984;27(3):199-203 (Eng. Abstr.) **(Hun)**

[Diagnosis and management of fresh injuries of knee joint ligaments] Sánta S, et al. **Orv Hetil** 1984 Dec 23;125(52):3173-4, 3177-9 (Eng. Abstr.) **(Hun)**

[Surgical treatment of injuries of the ulnar collateral ligament of the thumb: case reviews] Carozzi S, et al. **Chir Ital** 1984 Jun;36(3):431-7 (Eng. Abstr.) **(Ita)**

[Clinical evaluation of stability after meniscectomy of the knee after rupture of the anterior cruciate ligament] Lanfranchi R, et al. **Chir Organi Mov** 1984;69(4):379-81 (Eng. Abstr.) **(Ita)**

[Injury of ankle joint ligaments] Nakajima K. **Nippon Seikeigeka Gakkai Zasshi** 1984 Dec;58(13):1303-14 **(Jpn)**

[Treatment of injury of the tibiofibular syndesmosis using wire traction] Modrzewski K. **Chir Narzadow Ruchu Ortop Pol** 1984;49(3):221-4 (Eng. Abstr.) **(Pol)**

[Closed dislocation of the ankle joint without bone injuries] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):15-7 (Eng. Abstr.) **(Pol)**

[Treatment of inveterate injuries of the anterior cruciate ligament] Popko J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):155-9 (Eng. Abstr.) **(Pol)**

[Open dislocations of the ankle joint and peritalar dislocations] Skwarcz A, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):50-3 (Eng. Abstr.) **(Pol)**

[Stressful state of the ankle joint on photoelastic models with artificial ligaments] Evseev VI, et al. **Ortop Travmatol Protez** 1985 May;(5):17-20 (Eng. Abstr.) **(Rus)**

[Injury of the capsule of the posterior part of the knee joint, its role in joint instability and surgical treatment] Pudovikov SP, et al. **Ortop Travmatol Protez** 1985 Feb;(2):53-4 **(Rus)**

[Comparative evaluation of different treatment methods in inveterate fracture-subluxations of the ankle joint with injury to the tibiofibular syndesmosis] Knishevitskii VM, et al. **Vestn Khir** 1984 Sep;133(9):93-6 (Eng. Abstr.) **(Rus)**

INNERVATION

Histologic evidence of retinacular nerve injury associated with patellofemoral malalignment. Fulkerson JP, et al. **Clin Orthop** 1985 Jul-Aug;(197):196-205

Mechanoreceptors in human cruciate ligaments. A histological study. Schultz RA, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1072-6

PATHOLOGY

The classification of knee ligament instability. Andrews JR, et al. **Orthop Clin North Am** 1985 Jan;16(1):69-82

PHYSIOLOGY

Stability of the ankle joint. Analysis of the function and traumatology of the ankle ligaments. Rasmussen O. **Acta Orthop Scand [Suppl]** 1985;211:1-75

The influence of the transverse carpal ligament (flexor retinaculum) on carpal stability. Fisk GR. **Ann Chir Main** 1984;3(4):297-9 **(Eng, Fre)**

Normal ligament properties and ligament healing. Frank C, et al. **Clin Orthop** 1985 Jun;(196):15-25

Computer-assisted analysis of ligament constraints in the knee. Langrana NA, et al. **Clin Orthop** 1985 Jun;(196):42-50

The stabilizing effect of soft-tissue constraints in artificial Galeazzi fractures. Moore TM, et al. **Clin Orthop** 1985 Apr;(194):189-94

Control exerted by ligaments. Wongchaisuwat C, et al. **J Biomech** 1984;17(7):525-32

Functional anatomy of the anterior cruciate ligament and a rationale for reconstruction. Odensten M, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):257-62

Effects of joint load on the stiffness and laxity of ligament-deficient knees. An in vitro study of the anterior cruciate and medial collateral ligaments. Shoemaker SC, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):136-46

The functional significance of the oblique retinacular ligament of Landsmeer. A review and new proposals. Bendz P. **J Hand Surg [Br]** 1985 Feb;10(1):25-9

Natural history of healing in the repaired medial collateral ligament. Frank C, et al. **J Orthop Res** 1983;1(2):179-88

Force ratios in the quadriceps tendon and ligamentum patellae. Huberti HH, et al. **J Orthop Res** 1984;2(1):49-54

Measurement of mechanical properties of ligament substance from a bone-ligament-bone preparation. Woo SL, et al. **J Orthop Res** 1983;1(1):22-9

Estimation of the ligaments' role in maintaining foot stability using a kinematic model. Allard P, et al. **Med Biol Eng Comput** 1985 May;23(3):237-42

The biomechanics and function of the secondary restraints to the anterior cruciate ligament. McLeod WD. **Orthop Clin North Am** 1985 Apr;16(2):165-70

The distal radio ulnar joint. The influence of geometry and ligament on simulated Colles' fracture. An experimental study. af Ekenstam F, et al. **Scand J Plast Reconstr Surg** 1985;19(1):27-31

PHYSIOPATHOLOGY

The posterior cruciate ligament and rotatory knee instability. An experimental study. Nielsen S, et al. **Arch Orthop Trauma Surg** 1985;104(1):53-6

Rotatory instability of cadaver knees after transection of collateral ligaments and capsule. Nielsen S, et al. **Arch Orthop Trauma Surg** 1984;103(3):165-9

The anterior cruciate ligament of the knee: an experimental study of its importance in rotatory knee instability. Nielsen S, et al. **Arch Orthop Trauma Surg** 1984;103(3):170-4

Ligament stability of the metacarpophalangeal joint: a biomechanical study. Minami A, et al. **J Hand Surg [Am]** 1985 Mar;10(2):255-60

In vivo strain patterns in the four major canine knee ligaments. Monahan JJ, et al. **J Orthop Res** 1984;2(4):408-18

Functional disability in the anterior cruciate insufficient knee syndrome. Review of knee rating systems and projected risk factors in determining treatment. Noyes FR, et al. **Sports Med** 1984 Jul-Aug;1(4):278-302 (32 ref.)

[Carpal instability—ligamentous instabilities and intracarpal malalignments—explication of the concept of carpal instability] Allieu Y. **Ann Chir Main** 1984;3(4):317-21, 366-7 (Eng. Abstr.) **(Fre)**

[Constraints on the knee caused by meniscal and ligament derangement. Study of the internal condylotibial joint. Experimental cinematic method] Frain P, et al. **Rev Chir Orthop** 1984;70(5):361-9 (Eng. Abstr.) **(Fre)**

[Biomechanical studies of the lateral collateral ligaments of the ankle using amputated limbs] Kaneko K. **Nippon Seikeigeka Gakkai Zasshi** 1985 May;59(5):545-58 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Diagnosis of cruciate ligament injury using single contrast arthrography. Reider B, et al. **Am J Sports Med** 1984 Nov-Dec;12(6):451-4

CT of the main ligaments of the cervico-occipital hinge. Burguet JL, et al. **Neuroradiology** 1985;27(2):112-8

Calcification of the transverse ligament in calcium dihydrate deposition disease (CPPD). Dirheimer Y, et al. **Neuroradiology** 1985;27(1):87

Stress views of the ankle joint in lateral ligament injury. Horsfield D, et al. **Radiography** 1985 Jan-Feb;51(595):7-11

Carpal ligamentous laxity with bilateral perilunate dislocation in Marfan syndrome. Pennes DR, et al. **Skeletal Radiol** 1985;13(1):62-4

[Positive arthrography in pathological changes of medial connective structures in the knee joint] Grepl J. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):474-80 (Eng. Abstr.) **(Cze)**

[High-voltage arthrotomographic study of the anterior cruciate ligament] Henrion P, et al. **J Belge Radiol** 1984;67(4):227-33 (Eng. Abstr.) **(Fre)**

[Normal findings and pathological changes of the patellar ligament in the computer tomogram] Lehner K, et al. **Digitale Bilddiagn** 1985 Jun;5(2):85-8 (Eng. Abstr.) **(Ger)**

SURGERY

Synovial membrane changes after experimental transection of the cranial cruciate ligament in dogs. Lipowitz AJ, et al. **Am J Vet Res** 1985 May;46(5):1166-70

Long term results of late reconstruction for anterior or anteromedial instability of the knee. Suomalainen O, et al. **Ann Chir Gynaecol** 1985;74(1):22-9

Clinical and radiological long-term results after primary knee ligament surgery. Järvinen M, et al. **Arch Orthop Trauma Surg** 1985;104(1):1-6

Metacarpal ligament sling tenodesis. Smith RJ. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):466-9

Synovitis after surgical division of the anterior cruciate ligament of the dog. Gardner DL, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):11-5

Carbon fiber replacement of the ligaments of the shoulder girdle and the treatment of lateral instability of the ankle joint. Burri C, et al. **Clin Orthop** 1985 Jun;(196):112-7

Autogeneic anterior cruciate ligament (ACL) anterior reconstruction of the knee. A review. Friedman MJ, et al. **Clin Orthop** 1985 Jun;(196):9-14 (70 ref.)

Can carbon fiber implants substitute for collateral ligament? Gleason TF, et al. **Clin Orthop** 1984 Dec;(191):274-80

Polylactate-coated carbon fiber in extra-articular reconstruction of the unstable knee. King JB, et al. **Clin Orthop** 1985 Jun;(196):139-42

Reinforcement of tendons and ligaments with carbon fibers. Four years, 1300 cases. Lemaire M. **Clin Orthop** 1985 Jun;(196):169-74

An anteromedial approach to the posterior cruciate ligament. Levy IM, et al. **Clin Orthop** 1984 Nov;(190):174-81

A histologic assessment of canine anterior cruciate substitution with bovine xenograft. McMaster WC. **Clin Orthop** 1985 Jun;(196):196-201

The measurement of anterior knee laxity after ACL reconstructive surgery. Malcom LL, et al. **Clin Orthop** 1985 Jun;(196):35-41

Carbon fiber ligament replacement in chronic knee instability. Neugebauer R, et al. **Clin Orthop** 1985 Jun;(196):118-23

A high-strength Dacron augmentation for cruciate ligament reconstruction. A two-year canine study. Park JP, et al. **Clin Orthop** 1985 Jun;(196):175-85

The use of carbon fiber implants in anterior cruciate ligament surgery. Strover AE, et al. **Clin Orthop** 1985 Jun;(196):88-98

Clinical experience and early results of carbon fiber augmentation of anterior cruciate reconstruction of the knee. Strum GM, et al. **Clin Orthop** 1985 Jun;(196):124-38

The free synovial graft as a shield for collagen ingrowth in cruciate ligament repair. Townley CO, et al. **Clin Orthop** 1985 Jul-Aug;(197):266-71

Ligament replacement with an absorbable copolymer carbon fiber scaffold—early clinical experience. Weiss AB, et al. **Clin Orthop** 1985 Jun;(196):77-85

Treatment of chronic anterior knee instabilities with combined intra- and extra-articular transfer augmented with carbon-PLA fibers. Witvoet J, et al. **Clin Orthop** 1985 Jun;(196):143-53

Three-dimensional kinematics of ankle instability following serial sectioning of lateral collateral ligaments. Cass JR, et al. **Foot Ankle** 1984 Nov-Dec;5(3):142-9

The appearance of the tarsal navicular after posteromedial release for clubfoot. Schlafly B, et al. **Foot Ankle** 1985 Mar-Apr;5(5):222-37

Rupture of the patellar ligament after use of its central third for anterior cruciate reconstruction. A report of two cases. Bonamo JJ, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1294-7

The lower-extremity musculature in chronic symptomatic instability of the anterior cruciate ligament. Gerber C, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1034-43

Chronic posterolateral rotatory instability of the knee. Hughston JC, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):351-9

Anterior-posterior stiffness and laxity of the knee after major ligament reconstruction. Kochan A, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1460-5

Neurogenic acceleration of degenerative joint lesions. O'Connor BL, et al. **J Bone Joint Surg [Am]** 1985 Apr;67(4):562-72

Long-term results of the Chrisman-Snook operation for reconstruction of the lateral ligaments of the ankle. Snook GA, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):1-7

Replacement of the anterior cruciate ligament by an allogeneic tendon graft. An experimental study in the dog. Shino K, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):672-81

Ligament reconstruction for the painful thumb carpometacarpal joint: a long-term assessment. Eaton RG, et al. **J Hand Surg [Am]** 1984 Sep;9(5):692-99

A functional treatment method for interphalangeal pyogenic arthritis. Wittels NP, et al. **J Hand Surg [Am]** 1984 Nov; 9(6):894-8

Ligament reconstruction of the thumb carpometacarpal joint using a modified Eaton and Littler technique. Magnusson A, et al. **J Hand Surg [Br]** 1985 Feb;10(1):115-6

Reconstruction for ankle instability in young active adults. Green AD. **J R Coll Surg Edinb** 1985 Feb;30(1):50-3

Experimental study on repair of collateral ligament. Hirasawa Y, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):94-105

A lateral extra-articular tenodesis for anterior cruciate ligament deficiency of the knee. Arnold JA. **Orthop Clin North Am** 1985 Apr;16(2):213-22

Rehabilitation of anterior cruciate ligament injuries. Blackburn TA Jr. **Orthop Clin North Am** 1985 Apr; 16(2):241-69

Reconstruction of the anterior cruciate ligament: historical overview. Burnett QM 2d, et al. **Orthop Clin North Am** 1985 Jan;16(1):143-57 (132 ref.)

Extra-articular reconstruction of the anterior cruciate ligament: lateral procedures. Carson WG Jr. **Orthop Clin North Am** 1985 Apr;16(2):191-211 (49 ref.)

Intra-articular reconstruction of the anterior cruciate ligament. Clancy WG Jr. **Orthop Clin North Am** 1985 Apr; 16(2):181-9

Acute repairs of the anterior cruciate ligament--past and present. Gollehon DL, et al. **Orthop Clin North Am** 1985 Jan;16(1):111-25

Complications of anterior cruciate ligament surgery. Hughston JC. **Orthop Clin North Am** 1985 Apr; 16(2):237-40

Treatment of acute anterolateral rotatory instability. Norwood LA. **Orthop Clin North Am** 1985 Jan; 16(1):127-34

Combined arthroscopy and 'mini-reconstruction' techniques in the acutely torn anterior cruciate ligament. Sydnor RW, et al. **Orthop Clin North Am** 1985 Apr;16(2):171-9

Synthetics in anterior cruciate ligament reconstruction: a review. Woods GW. **Orthop Clin North Am** 1985 Apr; 16(2):227-35 (34 ref.)

Combined intra-articular and extra-articular reconstructions for anterior tibial subluxation. Zarins B. **Orthop Clin North Am** 1985 Apr;16(2):223-6

[Surgery of knee ligaments based on data of the First Orthopedic Clinic in Brno] Janeček M, et al. **Acta Chir Orthop Traumatol Cech** 1985 Feb;52(1):68-73 (Eng. Abstr.) **(Cze)**

[Treatment of lateral ligament rupture of the ankle. Prospective comparison of operative and conservative treatment] Petersen AO, et al. **Ugeskr Laeger** 1985 Jan 7; 147(2):93-5 (Eng. Abstr.) **(Dan)**

[Recurrent trapeziometacarpal dislocation treated by active ligament transfer of the short extensor] Randriamananjara NF, et al. **Acta Orthop Belg** 1985 Jan-Feb;51(1):110-7 (Eng. Abstr.) **(Fre)**

[Neglected shoulder dislocation] el Arjoun L, et al. **Maroc Med** 1985 Mar;7(1):489-93 (Eng. Abstr.) **(Fre)**

[Anterior ligamentoplasty of the knee under arthroscopic control] Bahuaud J, et al. **Presse Med** 1984 Dec 1; 13(43):2641-3 (Eng. Abstr.) **(Fre)**

[Ligamentoplasty using the peroneus brevis in the treatment of chronic instabilities of the ankle. Long-term review] Castaing J, et al. **Rev Chir Orthop** 1984;70(8):653-6 (Eng. Abstr.) **(Fre)**

[Atypical course of malignant hyperthermia] Gumpenberger H. **Anaesthesist** 1985 Mar;34(3):134-6 (Eng. Abstr.) **(Ger)**

[A new method for the replacement of the anterior cruciate ligament] Passl R, et al. **Beitr Orthop Traumatol** 1984 Aug; 31(8):401-7 (Eng. Abstr.) **(Ger)**

[Strapping needle] Richter W, et al. **Beitr Orthop Traumatol** 1985 Apr;32(4):206-7 **(Ger)**

[Efficiency and limits of the dynamic cruciate ligament replacement operation using Lindemann's method in chronic ligament instability] Zeumer B, et al. **Beitr Orthop Traumatol** 1984 Sep;31(9):460-7 (Eng. Abstr.) **(Ger)**

[Plastic surgery of the anterior cruciate ligament: late results after 5 different reconstruction procedures] Hefti F, et al. **Helv Chir Acta** 1985 Apr;52(1):195-9 (Eng. Abstr.) **(Ger)**

[Incidence, treatment and late results of fresh and old injuries of posterior cruciate ligaments] Holzach P, et al. **Helv Chir Acta** 1985 Apr;52(1):189-94 (Eng. Abstr.) **(Ger)**

[Treatment of foot distortion. General practice of the Swiss accident insurance administration] Ramseier EW. **Schweiz Z Sportmed** 1984 Dec;32(4):114-6 (Eng. Abstr.) **(Ger)**

[Replacement of the anterior cruciate ligament with the vascularized pedicled central one-third of the patellar ligament. I. Morphological basis] Benedetto KP. **Unfallchirurg** 1985 Apr;88(4):182-8 (Eng. Abstr.) **(Ger)**

[Replacement of the anterior cruciate ligament with the vascularized pedicled central one-third of the patellar ligament. II. Operative technic and results] Benedetto KP. **Unfallchirurg** 1985 Apr;88(4):189-97 **(Ger)**

[Reconstruction of the cruciate ligament with special reference to synthetic substitute materials] Blauth W, et al. **Unfallchirurg** 1985 Mar;88(3):118-25 (44 ref.) (Eng. Abstr.) **(Ger)**

[Tension characteristics of transplants replacing the anterior cruciate ligament, together with a contribution to the criticism of the 'over-the-top' technic] Hassenpflug J, et al. **Unfallchirurg** 1985 Apr;88(4):151-8 (Eng. Abstr.) **(Ger)**

[Ambulatory surgery of ruptured collateral ligaments of the fibulotalar joint] Wiedenmann RW, et al. **Unfallchirurg** 1985 Jun;88(6):289-90 (Eng. Abstr.) **(Ger)**

[Treatment of chronic anterolateral instability of the upper ankle joint: direct ligament reconstruction--periosteal flap--tenodesis] Zwipp H, et al. **Unfallheilkunde** 1984 Oct; 87(10):405-15 (Eng. Abstr.) **(Ger)**

[Significance of the splitting of the lateral patellar retinaculum and the mediopatellar synovial fold in the surgical therapy of patellar chondromalacia] Hille E, et al. **Z Orthop** 1985 Jan-Feb;123(1):23-6 (Eng. Abstr.) **(Ger)**

[Carbon fiber reconstruction of knee ligaments] Soudry M, et al. **Harefuah** 1985 Jan 15;108(2):76-9 (Eng. Abstr.) **(Heb)**

[The Augustine operation in the treatment of chronic, isolated or combined, injuries of the posterior cruciate ligament] Pegreffi P, et al. **Chir Organi Mov** 1984; 69(1):45-50 (Eng. Abstr.) **(Ita)**

[Surgical treatment of chronic lesions of the anterior crossed ligament of the knee. With special reference to the Lindemann-Bousquet technic] Cormio C, et al. **Minerva Med** 1984 Aug 25;75(32-33):1903-6 **(Ita)**

[Experimental study of hypertrophy of the femoral head--with special reference to the effects of the surgical procedure on the hip joint] Andoh K. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):443-57 (Eng. Abstr.) **(Jpn)**

[Effectiveness of surgical treatment of recurrent lateral dislocation of the patella] Radziejowski M, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):23-6 (Eng. Abstr.) **(Pol)**

ULTRASTRUCTURE

The annular ligament attachment to the normal human stapes footplate. A scanning electron microscopic study. Graham MD. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):171-5

LIGANDINS see **GLUTATHIONE TRANSFERASES**

LIGANDS

see related
RADIOLIGAND ASSAY
RECEPTORS, ENDOGENOUS SUBSTANCES

Ligand binding systems at equilibrium: specificity, heterogeneity, cross-reactivity, and site-site interactions. Jose MV. **Anal Biochem** 1985 Feb 1;144(2):494-503

Distribution-free computer methods for analysing ligand binding and enzyme mechanisms. Crabbe MJ. **Comput Biol Med** 1985;15(3):111-21

Interaction of dopamine receptor ligands with subtypes of the opiate receptor. Boublik JH, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):11-6

A method for cooperative or noncooperative binding studies using nonlinear regression analysis on a microcomputer. Vindimian E, et al. **J Appl Biochem** 1983 Aug-Oct; 5(4-5):261-8

Immobilization of protein ligands on new formyl-spacer-carriers for the preparation of stable and high capacity affinity adsorbents. Ito Y, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1689-94

Immobilization of ligands for affinity chromatography. Coupling on a spacer arm gel with N-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline as condensation agent: study of coupling conditions by means of a radioimmunologic method. Maingault P, et al. **J Chromatogr** 1984 Nov 30;314:445-9

Structural evidence for ligand-induced sequential conformational changes in glyceraldehyde 3-phosphate dehydrogenase. Leslie AG, et al. **J Mol Biol** 1984 Sep 25; 178(3):743-72

Enzyme reactions at the surface of living cells. II. Destabilization in the membranes and conduction of signals. Ricard J, et al. **J Theor Biol** 1984 Aug 21;109(4):571-80

Enzyme reactions at the surface of living cells. I. Electric repulsion of charged ligands and recognition of signals from the external milieu. Ricard J, et al. **J Theor Biol** 1984 Aug 21;109(4):555-69

Signals and signal processing--II. Aspects of ligand binding to non-antigen receptors. **Mol Immunol** 1984 Dec; 21(12):1143-276

Signals and signal processing--II. Aspects of ligand binding to non-antigen receptors. Gergely J, et al. **Mol Immunol** 1984 Dec;21(12):1143-5

Equilibrium in the protein-immobilized-ligand-soluble-ligand system: estimation of dissociation constants of protein-soluble-ligand complexes from binding-inhibition data. Hořejší V, et al. **Mol Immunol** 1985 Feb;22(2):125-33

[Binding of small molecules with nucleic acids having tertiary structure] Nechipurenko IuD. **Biofizika** 1985 Mar-Apr; 30(2):231-2 (Eng. Abstr.) **(Rus)**

[Cooperation effects in binding of large ligands to DNA. II. Contact interactions between adsorbed ligands] Nechipurenko IuD. **Mol Biol (Mosk)** 1984 Jul-Aug; 18(4):1066-80 (Eng. Abstr.) **(Rus)**

[The theory of ligand migration in biomacromolecules] Shaitan KV, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):742-50 (Eng. Abstr.) **(Rus)**

ANALYSIS

An apparatus for rapid kinetic analysis of isotopic efflux from membrane vesicles and of ligand dissociation from membrane proteins. Forbush B 3d. **Anal Biochem** 1984 Aug 1;140(2):495-505

METABOLISM

Large-ligand adsorption to membranes. III. Cooperativity and general ligand shapes. Stankowski S. **Biochim Biophys Acta** 1984 Nov 7;777(2):167-82

Determination of binding parameters in the presence of coupled reactions. Beck JS, et al. **Cell Biophys** 1985 Mar; 7(1):31-42

The effect of ligand heterogeneity on the Scatchard plot. Particular relevance to lipoprotein binding analysis. Mendel CM, et al. **J Biol Chem** 1985 Mar 25;260(6):3451-5

Probes for narcotic receptor mediated phenomena. 7. Synthesis and pharmacological properties of irreversible ligands specific for mu or delta opiate receptors. Burke TR Jr, et al. **J Med Chem** 1984 Dec;27(12):1570-4

Differential absorption of zinc and low-molecular-weight ligands in the rat gut in protein-energy malnutrition. Wapnir RA, et al. **J Nutr** 1985 Jul;115(7):900-8

Stimulation of association curves and 'scatchard' plots of binding reactions where ligand and receptor are degraded or internalized. Beck JS, et al. **J Recept Res** 1983-84; 3(6):745-72

The relationship between zeros and factors of binding polynomials and cooperativity in protein-ligand binding. Briggs WE. **J Theor Biol** 1985 Jun 21;114(4):605-14

[Effect of the size of the ligand molecule on the stability of the DNA double helix] Lando DIu, et al. **Biofizika** 1984 Sep-Oct;29(5):757-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The study of ligand-protein interactions utilizing affinity chromatography. Dunn BM. **Appl Biochem Biotechnol** 1984 Jun;9(3):261-84 (69 ref.)

Erythrocyte membrane rigidity induced by glycophorin A-ligand interaction. Evidence for a ligand-induced association between glycophorin A and skeletal proteins. Chasis JA, et al. **J Clin Invest** 1985 Jun;75(6):1919-26

LIGASES

Isoenzymes of vitamin-K-dependent carboxylase. Ulrich MM, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):105-8

ANALYSIS

Studies on rat mammary gland acetyl-CoA carboxylase. Ahmad F, et al. **Ann NY Acad Sci** 1985;447:189-201

Increased carbamoyl-phosphate synthetase II concentration in rat hepatomas: immunological evidence. Reardon MA, et al. **Cancer Res** 1985 Sep;45(9):4412-5

Modification of the vitamin K-dependent carboxylase assay. Romiti S, et al. **J Biochem Biophys Methods** 1985 May; 11(1):59-68

Identification of a trpG-related glutamine amide transfer domain in Escherichia coli GMP synthetase. Zalkin H, et al. **J Biol Chem** 1985 Mar 25;260(6):3350-4

ANTAGONISTS & INHIBITORS

Proximate sulfhydryl groups in the acetylglutamate complex of rat carbamylphosphate synthetase I: their reaction with the affinity reagent 5'-p-fluorosulfonylbenzoyladenosine. Marshall M, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):200-14

The kinetics and feedback inhibition of cytidine 5'-triphosphate synthetase in wild-type and mutant Chinese hamster cells. McLaren JD, et al. **Biochem Genet** 1984 Aug; 22(7-8):717-27

Evidence that glucagon-mediated inhibition of acetyl-CoA carboxylase in isolated adipocytes involves increased phosphorylation of the enzyme by cyclic AMP-dependent protein kinase. Holland R, et al. **Biochem J** 1985 Feb 15; 226(1):139-45

In vivo inactivation of formylglycinamidine ribonucleotide synthetase in rat hepatoma. Elliott WL, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):243-8

Inactivation by acivicin of carbamoyl-phosphate synthetase II of human colon carcinoma. Sebolt JS, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):97-100

Inhibitory effects of sulfhydryl reagents on acetyl-CoA carboxylase from rat mammary gland. Ahmad PM, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):152-8

Acetyl CoA carboxylase inhibitors from the fungus Gongronella butleri. Endo A, et al. **J Antibiot (Tokyo)** 1985 May;38(5):599-604

Mechanism of glucagon inhibition of liver acetyl-CoA carboxylase. Interrelationship of the effects of phosphorylation, polymer-protomer transition, and citrate on enzyme activity. Swenson TL, et al. **J Biol Chem** 1985 Mar 25;260(6):3791-7

Effects of latamoxef and methyltetrazolethiol on gamma-glutamylcarboxylase activity. Uchida K, et al. **Jpn J Pharmacol** 1984 Jul;35(3):330-3

[Organophosphate analogs of biologically active compounds. XIV. Halophosphonate analogs of ATP as acetyl CoA carboxylase inhibitors] Biriukov AI, et al. **Bioorg Khim** 1985 May;11(5):598-604 (Eng. Abstr.) **(Rus)**

[Affinity modification of acetyl CoA carboxylase from the rat liver by alkylating ATP gamma-amide] Buneva VN, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1256-8 **(Rus)**

BIOSYNTHESIS

Inducibility of carbamoylphosphate synthetase (ammonia) in cultures of embryonic hepatocytes: ontogenesis of the responsiveness to hormones. Lamers WH, et al. **Dev Biol** 1984 Oct;105(2):500-8

Interaction between glucocorticoids, 8-bromoadenosine 3',5'-monophosphate, and insulin in regulation of synthesis of carbamoyl-phosphate synthetase I in Reuber hepatoma H-35. Kitagawa Y, et al. **Eur J Biochem** 1985 Jul 15; 150(2):249-54

Characterization of single step albizziin-resistant Chinese hamster ovary cell lines with elevated levels of asparagine synthetase activity. Andrulis IL, et al. **J Biol Chem** 1985 Jun 25;260(12):7523-7

DEFICIENCY

Siblings with carbamyl phosphate synthetase I deficiency. Asanuma K, et al. **Acta Pathol Jpn** 1984 Jul;34(4):901-10

Heterogeneity of holocarboxylase synthetase in patients with biotin-responsive multiple carboxylase deficiency. Burri BJ, et al. **Am J Hum Genet** 1985 Mar;37(2):326-37

Enzyme studies in combined carboxylase deficiency. Bartlett K, et al. **Ann NY Acad Sci** 1985;447:235-51

Prenatal treatment of multiple carboxylase deficiency. Roth KS. **Ann NY Acad Sci** 1985;447:263-71

Biotin holocarboxylase synthetase deficiency. Sweetman L, et al. **Ann NY Acad Sci** 1985;447:288-96

Successful treatment of severe carbamyl phosphate synthetase I deficiency. Van de Bor M, et al. **Arch Dis Child** 1984 Dec;59(12):1183-5

Rapid differential diagnosis of carboxylase deficiencies and evaluation for biotin-responsiveness in a single blood sample. Suormala T, et al. **Clin Chim Acta** 1985 Jan 30; 145(2):151-62

Genetic analysis of carbamyl phosphate synthetase I deficiency. Fearon ER, et al. **Hum Genet** 1985;70(3):207-10

Isolated biotin-resistant 3-methylcrotonyl CoA carboxylase deficiency presenting with life-threatening hypoglycaemia. Bartlett K, et al. **J Inherited Metab Dis** 1984;7(4):182

Biotin-responsive multiple carboxylase deficiency (MCD): deficient biotinidase activity associated with renal loss of biotin. Baumgartner ER, et al. **J Inherited Metab Dis** 1984; 7 Suppl 2:123-5

Acute neonatal citrullinaemia. Bennett MJ, et al. **J Inherited Metab Dis** 1984;7(2):85

A carbamylphosphate synthetase deficiency with no detectable immunoreactive enzyme and no translatable mRNA. Graf L, et al. **J Inherited Metab Dis** 1984; 7(3):104-6

GENETICS

Heterogeneity of holocarboxylase synthetase in patients with biotin-responsive multiple carboxylase deficiency. Burri BJ, et al. **Am J Hum Genet** 1985 Mar;37(2):326-37

Human chromosomal assignments for 14 argininosuccinate synthetase pseudogenes: cloned DNAs as reagents for cytogenetic analysis. Su TS, et al. **Am J Hum Genet** 1984 Sep;36(5):954-64

Regulation of mRNA levels of rat liver carbamoylphosphate synthetase by glucocorticosteroids and cyclic AMP as estimated with a specific cDNA. de Groot CJ, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):882-8

Pleiotropic mutants of Chinese hamster cells with altered cytidine 5'-triphosphate synthetase. Chu EH, et al. **Biochem Genet** 1984 Aug;22(7-8):701-15

Expression of carbamoyl-phosphate synthetase I mRNA in Reuber hepatoma H-35 cells. Regulation by glucocorticoid and insulin. Kitagawa Y, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):148-53

Nucleotide sequence of yeast gene CP A1 encoding the small subunit of arginine-pathway carbamoyl-phosphate synthetase. Homology of the deduced amino acid sequence to other glutamine amidotransferases. Werner M, et al. **Eur J Biochem** 1985 Jan 15;146(2):371-81

Synthesis of Escherichia coli carbamoylphosphate synthetase initiates at a UUG codon. Weyens G, et al. **Eur J Biochem** 1985 Jul 1;150(1):111-5

Molecular cloning of a cDNA for Chinese hamster ovary asparagine synthetase. Ray PN, et al. **Gene** 1984 Oct; 30(1-3):1-9

Level of translatable messenger RNA coding for argininosuccinate synthetase in the liver of the patients with quantitative-type citrullinemia. Sase M, et al. **Hum Genet** 1985;69(2):130-4

Separate regulation of purA and purB loci of Escherichia coli K-12. Wolfe SA, et al. **J Bacteriol** 1985 May; 162(2):822-5

Molecular cloning of cDNA for rat and human carbamyl phosphate synthetase I. Adcock MW, et al. **J Biol Chem** 1984 Nov 10;259(21):13471-6

Regulation of expression of the ADE3 gene for yeast C1-tetrahydrofolate synthase, a trifunctional enzyme involved in one-carbon metabolism. Appling DR, et al. **J Biol Chem** 1985 Jan 25;260(2):1248-56

Characterization and derivation of the gene coding for mitochondrial carbamyl phosphate synthetase I of rat. Nyunoya H, et al. **J Biol Chem** 1985 Aug 5;260(16):9346-56

Nucleotide sequence of the guaA gene encoding GMP synthetase of Escherichia coli K12. Tiedeman AA, et al. **J Biol Chem** 1985 Jul 25;260(15):8676-9

A carbamylphosphate synthetase deficiency with no detectable immunoreactive enzyme and no translatable mRNA. Graf L, et al. **J Inherited Metab Dis** 1984; 7(3):104-6

Isolation and characterization of phage clones carrying the human argininosuccinate synthetase-like genes. Jinno Y, et al. **J Inherited Metab Dis** 1984;7(3):133-4

Molecular structure of the human argininosuccinate synthetase gene: occurrence of alternative mRNA splicing. Freytag SO, et al. **Mol Cell Biol** 1984 Oct;4(10):1978-84

Construction of a cDNA to the hamster CAD gene and its application toward defining the domain for aspartate transcarbamylase. Shigesada K, et al. **Mol Cell Biol** 1985 Jul;5(7):1735-42

The gene coding for carbamoyl-phosphate synthetase I was formed by fusion of an ancestral glutaminase gene and a synthetase gene. Nyunoya H, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2244-6

Genomic DNA-mediated gene transfer for argininosuccinate synthetase. Su TS, et al. **Somatic Cell Mol Genet** 1984 Nov; 10(6):601-6

ISOLATION & PURIFICATION

Purification and characterization of beef pancreatic asparagine synthetase. Luehr CA, et al. **Arch Biochem Biophys** 1985 Mar;237(2):335-46

Subcellular distribution of acetyl-coenzyme A carboxylase in mesophyll cells of barley and sorghum leaves. Nikolau BJ, et al. **Arch Biochem Biophys** 1984 Dec;235(2):555-61

Simultaneous preparation of the three biotin-containing mitochondrial carboxylases from rat liver. Oei J, et al. **Biochim Biophys Acta** 1985 May 29;840(1):1-5

Glutamate carboxylase: assays, occurrence, and specificity. Brody T, et al. **Methods Enzymol** 1984;107:552-63

METABOLISM

Carbamoyl-phosphate synthetase I activity and ureagenesis in regenerating liver of the normal rat. Goodman MW, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G501-6

Kinetics of citrate-induced activation and polymerization of chick liver acetyl-CoA carboxylase. Beaty NB, et al. **Ann NY Acad Sci** 1985;447:23-37

Vitamin K-dependent carboxylase. Suttie JW. **Annu Rev Biochem** 1985;54:459-77 (151 ref.)

Guanosine triphosphate and colchicine affect the activity and the polymeric state of acetyl-CoA carboxylase. Buechler KF, et al. **Arch Biochem Biophys** 1984 Sep;233(2):698-707

Differential effects of N-acetylglutamate on citrulline synthesis by coupled and uncoupled mitochondria. Cohen NS, et al. **Arch Biochem Biophys** 1984 Oct;234(1):31-44

Kinetic studies of asparagine synthetase from rat liver: role of Mg2+ in enzyme catalysis. Hongo S, et al. **Arch Biochem Biophys** 1985 May 1;238(2):410-7

Covalent modification of the solubilized rat liver vitamin K-dependent carboxylase with pyridoxal-5'-phosphate. Kappel WK, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):521-8

Dietary dependent distribution of acetyl CoA carboxylase between cytoplasm and mitochondria of rat liver. Allred JB, et al. **Biochem Biophys Res Commun** 1985 Jun 14; 129(2):453-60

Effect of insulin on association of acetyl CoA carboxylase phosphatase and acetyl CoA carboxylase. Krakower GR, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):814-20

Methylenetetrahydrofolate dehydrogenase-methenyltetrahydrofolate-cyclohydrolase-dro folate synthetase. Affinity labelling of the dehydrogenase-cyclohydrolase active site. Smith DD, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):148-54

Protein phosphatases active on acetyl-CoA carboxylase phosphorylated by casein kinase I, casein kinase II and the cAMP-dependent protein kinase. Witters LA, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1132-8

The apparent Km of ammonia for carbamoyl phosphate synthetase (ammonia) in situ. Cohen NS, et al. **Biochem J** 1985 Jul 1;229(1):205-11

Evidence that noradrenaline increases pyruvate dehydrogenase activity and decreases acetyl-CoA carboxylase activity in rat interscapular brown adipose tissue in vivo. Gibbins JM, et al. **Biochem J** 1985 Jun 15; 228(3):751-5

Folate polyglutamate synthetase activity in the cobalamin-inactivated rat. Perry J, et al. **Biochem J** 1985 Apr 1;227(1):73-7

Role of protein synthesis in the carbohydrate-induced changes in the activities of acetyl-CoA carboxylase and hydroxymethylglutaryl-CoA reductase in cultured rat hepatocytes. Spence JT, et al. **Biochem J** 1985 May 1; 227(3):939-47

The vitamin K-dependent carboxylation of proteins. Vermeer C, et al. **Biochem Soc Trans** 1984 Dec;12(6):922-4

CTP synthetase from Ehrlich ascites tumor cells. Subunit stoichiometry and regulation of activity. Kizaki H, et al. **Biochim Biophys Acta** 1985 May 20;829(1):34-43

Folate enzymes in Ehrlich ascites carcinoma-bearing mice. Chmurzyńska W, et al. **Cancer Lett** 1984 Dec;25(2):217-24

Short-term regulation of acetyl CoA carboxylase: is the key enzyme in long-chain fatty acid synthesis regulated by an existing physiological mechanism? Abdel-Halim MN, et al. **Comp Biochem Physiol [B]** 1985;81(1):9-19 (101 ref.)

Regulation of hamster carbamoyl-phosphate synthase II by 5-phospho-alpha-D-ribosyl 1-diphosphate and uridine 5'-triphosphate. Lyons SD, et al. **Eur J Biochem** 1985 Mar 15;147(3):587-92

Both insulin and epidermal growth factor stimulate fatty acid synthesis and increase phosphorylation of acetyl-CoA carboxylase and ATP-citrate lyase in isolated hepatocytes. Holland R, et al. **FEBS Lett** 1985 Feb 25;181(2):308-12

Proteolysis of liver acetyl coenzyme A carboxylase by cathepsin B. Wada K, et al. **FEBS Lett** 1985 Jan 21; 180(1):74-6

Fatty acid-mediated disaggregation of acetyl-CoA carboxylase in isolated liver cells. Clarke SD, et al. **Fed Proc** 1985 May;44(8):2458-62 (20 ref.)

Vitamin K-dependent carboxylase. Vermeer C, et al. **Haematologia (Budap)** 1985;18(2):71-97 (80 ref.)

Does ornithine stimulate carbamoylphosphate synthetase? Banko G, et al. **Int J Biochem** 1985;17(4):503-7

The mechanism of the adenylosuccinate synthetase reaction as studied by positional isotope exchange. Bass MB, et al. **J Biol Chem** 1984 Oct 25;259(20):12330-3

Functional heterogeneity of ubiquitin carrier proteins. Pickart CM, et al. **J Biol Chem** 1985 Feb 10;260(3):1573-81

The enzymatic conversion of 3'-phosphate terminated RNA chains to 2',3'-cyclic phosphate derivatives. Reinberg D, et al. **J Biol Chem** 1985 May 25;260(10):6088-97

Activation of acetyl-CoA carboxylase. Purification and properties of a Mn2+-dependent phosphatase. Thampy KG, et al. **J Biol Chem** 1985 May 25;260(10):6318-23

C1-Tetrahydrofolate synthase from rabbit liver. Structural and kinetic properties of the enzyme and its two domains. Villar E, et al. **J Biol Chem** 1985 Feb 25;260(4):2245-52

Decreased activity of acetyl-CoA carboxylase during chemically induced neutrophilic differentiation of human promyelocytic leukemia cells. Fischkoff SA, et al. **J Cell Biochem** 1984;26(2):75-81

The effects of dietary amino acids on hepatic L-asparagine synthetase. Markin RS, et al. **Metabolism** 1984 Oct; 33(10):891-6

Ubiquitination of proteins. Busch H. **Methods Enzymol** 1984; 106:238-62

Role of pyridoxal-5'-phosphate in vitamin K-dependent carboxylation. **Nutr Rev** 1985 Jul;43(7):218-9

Vitamin K hydroperoxide: an intermediate in gamma-glutamate carboxylation? **Nutr Rev** 1984 Aug; 42(8):290-2 (10 ref.)

In situ enzymatic reclosure of opened imidazole rings of purines in DNA damaged by gamma-irradiation. Chetsanga CJ, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):633-7

Cyclization of RNA 3'-terminal phosphate by cyclase from HeLa cells proceeds via formation of N(3')pp(5')A activated intermediate. Filipowicz W, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1316-20

[In vitro activation by dithiothreitol and thioredoxins of carbamyl phosphate synthetase-I in rat liver] Gautier C, et al. **C R Acad Sci [III]** 1984;299(20):849-52 (Eng. Abstr.) **(Fre)**

[Citrate influence on acetyl-CoA-carboxylase activation and phosphorylation in chicken liver with lipogenesis inhibited by nicotinic acid.] Fomenko AI, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):31-6 (Eng. Abstr.) **(Rus)**

[Structure, properties and regulation of acetyl-CoA-carboxylase activity] Khalmuradov AG, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):363-9 (Eng. Abstr.) **(Rus)**

[Phosphorylation of acetyl-CoA-carboxylase in the chicken liver during intensification of lipogenesis and treatment with nicotinic acid] Khustochka LN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):17-21 (Eng. Abstr.) **(Rus)**

[Properties and biosynthesis of acetyl-CoA-carboxylase from chicken liver with administration of nicotinic acid during stimulation of lipogenesis.] Pozharun SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):24-31 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Regulation of aminotransferase-glutamate dehydrogenase interactions by carbamyl phosphate synthase-I, Mg2+ plus leucine versus citrate and malate. Fahien LA, et al. **J Biol Chem** 1985 May 25;260(10):6069-79

LIGATION

Out-patient treatment of haemorrhoids: a randomized clinical trial to compare rubber band ligation with phenol injection. Gartell PC, et al. **Br J Surg** 1985 Jun;72(6):478-9

ADVERSE EFFECTS

Perineal and bladder necrosis following bilateral internal iliac artery ligation. Report of a case. Andriole GL, et al. **Dis Colon Rectum** 1985 Mar;28(3):183-4

Renal complications to left renal vein ligation in abdominal aortic surgery. Rastad J, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):432-6

Percutaneous recanalization and dilatation of a surgically ligated calyx. Lammer J, et al. **Urol Radiol** 1984; 6(3-4):215-7

LIGATION, TUBAL see **STERILIZATION, TUBAL**

LIGHT

see related
LIGHTING
PHOTIC STIMULATION
PHOTOCHEMOTHERAPY
PHOTOMETRY
PHOTOSENSITIVITY DISORDERS
PHOTOTHERAPY
SUNLIGHT

Photic responses of the retina at different ages: a comparative study using histochemical and biochemical methods. Yew DT, et al. **Acta Anat (Basel)** 1985;121(3):184-8

Circannual concentrations of melatonin, gonadotrophins, prolactin and gonadal steroids in males in a geographical area with a large annual variation in daylight. Martikainen H, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):446-50

Labelled leucine uptake in the visual cells and pigment epithelium of young albino rats in response to different light-dark cycles. Chan KW, et al. **Acta Histochem (Jena)** 1984;75(1):1-8

Human reaction time to negative contrast stimuli. Jaśkowski P. **Acta Neurobiol Exp (Warsz)** 1984;44(5):217-27

Light perception in diabetic vitreous haemorrhage and its prognostic value in pars plana vitrectomy. Vatne HO, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):65-7

Susceptibility of riboflavin and vitamin A in breast milk to photodegradation and its implications for the use of banked breast milk in infant feeding. Bates CJ, et al. **Acta Paediatr Scand** 1985 Jan;74(1):40-4

Effects of light and BAY K 8644, a new 1,4-dihydropyridine, on mechanical responses of rat thoracic aorta. Mikkelsen E, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb; 56(2):126-32

Effect of constant light and darkness on the circadian rhythms in rats. II. Plasma renin activity and insulin concentration. Ikonomov OC, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):55-61

Influence of skin illumination on blood glucose level of the rabbit. Santini R, et al. **Acupunct Electrother Res** 1984; 9(3):151-5

Morphometric analysis of the pineal complex of the golden hamster over a 24-hour light:dark cycle: II. The deep pineal in untreated and optically enucleated animals. Dombrowski TA, et al. **Am J Anat** 1984 Dec;171(4):369-76

Morphometric analysis of the pineal complex of the golden hamster over a 24-hour light:dark cycle: I. The superficial pineal in untreated and optically enucleated animals. Dombrowski TA, et al. **Am J Anat** 1984 Dec;171(4):359-68

Stability of dopamine hydrochloride exposed to blue-light phototherapy. Dandurand KR, et al. **Am J Hosp Pharm** 1985 Mar;42(3):595-7

Effects of luminance on contrast sensitivity in senile macular degeneration. Brown B, et al. **Am J Optom Physiol Opt** 1983 Sep;60(9):788-93

Influence of field size on the spectral sensitivity of the eye in the photopic and mesopic range. Kokoschka S, et al. **Am J Optom Physiol Opt** 1985 Feb;62(2):119-26

Effect of ophthalmic filter thickness on predicted monocular dichromatic luminance and chromaticity discrimination. Richer SP, et al. **Am J Optom Physiol Opt** 1984 Nov; 61(11):666-73

Surrogate color vision by luster discrimination. Sheedy JE, et al. **Am J Optom Physiol Opt** 1984 Aug;61(8):499-505

Mosquito circadian flight rhythms: differential effects of constant light. Clopton JR. **Am J Physiol** 1984 Dec;247(6 Pt 2):R960-7

Light effects on circadian timing system of a diurnal primate, the squirrel monkey. Hoban TM, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R274-80

Supersensitivity to light: possible trait marker for manic-depressive illness. Lewy AJ, et al. **Am J Psychiatry** 1985 Jun;142(6):725-7

Prevention by pinealectomy of short-photoperiod-induced ultrastructural changes in the hamster Harderian gland. Diioria DP, et al. **Anat Rec** 1984 Nov;210(3):449-52

Photoperiodic response of rain quail. Saxena VL, et al. **Ann Endocrinol (Paris)** 1984;45(6):403-8

Induction of reproducible brain infarction by photochemically initiated thrombosis. Watson BD, et al. **Ann Neurol** 1985 May;17(5):497-504

Transient proton inflows during illumination of anaerobic Halobacterium halobium cells. Helgerson SL, et al. **Arch Biochem Biophys** 1985 Sep;241(2):616-27

Light and dark adaptation of halorhodopsin. Kamo N, et al. **Arch Biochem Biophys** 1985 Apr;238(1):90-6

Light inhibition of respiration is due to a dual function of the cytochrome b6-f complex and the plastocyanin/cytochrome c-553 pool in Aphanocapsa. Sandmann G, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):105-11

Ichthyosis follicularis with alopecia and photophobia. Eramo LR, et al. **Arch Dermatol** 1985 Sep;121(9):1167-74

Activation of complement by 405-nm light in serum from porphyria cutanea tarda. Torinuki W, et al. **Arch Dermatol Res** 1985;277(3):174-8

Self-induced photogenic epilepsy in infants. Watanabe K, et al. **Arch Neurol** 1985 Apr;42(4):406-7

Brightness-sense and optic nerve disease. Sadun AA, et al. **Arch Ophthalmol** 1985 Jan;103(1):39-43

Dispersal behavior of photonegative selection lines of Drosophila melanogaster. Krause J, et al. **Behav Genet** 1984 May;14(3):269-77

Correlated response to phototactic selection. Markow TA, et al. **Behav Genet** 1984 May;14(3):279-93

Phosphatidylinositol 4,5-bisphosphate: light-mediated breakdown in the vertebrate retina. Ghalayini A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):503-6

Light-mediated breakdown of phosphatidylinositol-4,5-bisphosphate in isolated rod outer segments of frog photoreceptor. Hayashi F, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):954-9

Light-dependent reduction of copper(II) and its effect on cell-mediated, thiol-dependent superoxide production. Jones GJ, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1031-6

Light-induced conformational changes in the extradiscal regions of bovine rhodopsin. Pellicone C, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):816-21

Photochemical intermediate of third rhodopsin-like pigment in Halobacterium halobium by simultaneous illumination with red and blue light. Tomioka H, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):989-94

Dye-sensitized photo-oxidation of pig kidney Dopa decarboxylase. Pasqua A, et al. **Biochem Int** 1984 Oct; 9(4):437-46

Induction of breaks in deoxyribonucleic acid by photoexcited promazine derivatives. Decuyper J, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4025-31

Studies on structure and function of rhodopsin by use of cyclopentatrienylidene 11-cis-locked-rhodopsin. Fukada Y, et al. **Biochemistry** 1984 Nov 20;23(24):5826-32

Electron-transfer kinetics in photosynthetic reaction centers cooled to cryogenic temperatures in the charge-separated state: evidence for light-induced structural changes. Kleinfeld D, et al. **Biochemistry** 1984 Nov 20;23(24):5780-6

Pressure effects on the photocycle of purple membrane. Marque J, et al. **Biochemistry** 1984 Nov 6;23(23):5556-63

Picosecond absorption studies on rhodopsin and isorhodopsin in detergent and native membrane. Rudzki JE, et al. **Biochemistry** 1984 Aug 14;23(17):3843-8

Light-regulated biochemical events in invertebrate photoreceptors. 2. Light-regulated phosphorylation of rhodopsin and phosphoinositides in squid photoreceptor membranes. Vandenberg CA, et al. **Biochemistry** 1984 May 22;23(11):2347-52

Light-regulated biochemical events in invertebrate photoreceptors. 1. Light-activated guanosinetriphosphatase, guanine nucleotide binding, and cholera toxin catalyzed labeling of squid photoreceptor membranes. Vandenberg CA, et al. **Biochemistry** 1984 May 22;23(11):2339-47

Growth and reproductive development of male Microtus montanus is affected by the prenatal photoperiod. Horton TH. **Biol Reprod** 1984 Oct;31(3):499-504

Shifts in gonadotropin and steroid levels that precede anestrus in female golden hamsters exposed to a short photoperiod. Jorgenson KL, et al. **Biol Reprod** 1985 Apr; 32(3):611-8

Selective release of follicle-stimulating hormone and luteinizing hormone by 5 alpha-dihydroprogesterone and 3 alpha, 5 alpha-tetrahydroprogesterone in pregnant mare's serum gonadotropin-primed immature rats exposed to constant light. Murphy LL, et al. **Biol Reprod** 1985 May; 32(4):795-803

Refractoriness to inhibitory day lengths initiates the breeding season of the Suffolk ewe. Robinson JE, et al. **Biol Reprod** 1985 Jun;32(5):1024-30

Hormonal correlates of photoperiod-induced puberty in a reflex ovulator, the female ferret (Mustela furo). Ryan KD. **Biol Reprod** 1984 Dec;31(5):925-35

Do endogenous opioid peptides mediate the effects of photoperiod on release of luteinizing hormone and prolactin in ovariectomized ewes? Schillo KK, et al. **Biol Reprod** 1985 May;32(4):779-87

Photoperiodic time measurement in the male deer mouse, Peromyscus maniculatus. Underwood H, et al. **Biol Reprod** 1985 May;32(4):947-56

Importance of duration of nocturnal melatonin secretion in determining the reproductive response to inductive photoperiod in the ewe. Yellon SM, et al. **Biol Reprod** 1985 Apr;32(3):523-9

Ultraviolet radiation-induced histopathological changes in the skin of the marsupial Monodelphis domestica. I. The effects of acute and chronic exposures and of photoreactivation treatment. Applegate LA, et al. **Br J Dermatol** 1985 Aug;113(2):219-27

Photodynamic effects of erythrosine on the smooth muscle cells of guinea-pig taenia coli. Matthews EK, et al. **Br J Pharmacol** 1984 Oct;83(2):555-66

The effect of light environment on post-partum reproductive activity and prolactin levels in two breeds of sheep. Pijoan PJ, et al. **Br Vet J** 1985 May-Jun;141(3):272-81

Light-dependent regulation of dopamine receptors in mammalian retina. Dubocovich ML, et al. **Brain Res** 1985 Jun 3;335(2):321-5

Effect of light on the acetylcholine concentrations of the suprachiasmatic nucleus in the rat. Murakami N, et al. **Brain Res** 1984 Oct 8;311(2):358-60

ON and OFF regions in layer IV of striate cortex. Norton TT, et al. **Brain Res** 1985 Feb 18;327(1-2):319-23

Taurine and hypotaurine inhibit light-induced lipid peroxidation and protect rod outer segment structure. Pasantes-Morales H, et al. **Brain Res** 1985 Mar 18; 330(1):154-7

Olfactory bulbectomy prevents the gonadal regression associated with short photoperiod in male golden hamsters. Pieper DR, et al. **Brain Res** 1984 Oct 29;321(1):183-6

Direct intracellular measurement of non-linear postreceptor transfer functions in dark and light adaptation in Limulus. Wang LT, et al. **Brain Res** 1985 Feb 25;328(1):41-50

Pharmacological modification of the light-induced responses of Müller (glial) cells in the amphibian retina. Witkovsky P, et al. **Brain Res** 1985 Feb 25;328(1):111-20

Polymerization ability of 15 visible light curing generators. Prévost AP, et al. **Can Dent Assoc J** 1985 Mar;51(3):221-5

Hydrogen peroxide and hydroxyl free radical production by hematoporphyrin derivative, ascorbate and light. Buettner GR, et al. **Cancer Lett** 1985 Jan;25(3):297-304

Phototransformation of 2-aminofluorene into N-oxidized mutagens. Okinaka RT, et al. **Carcinogenesis** 1984 Dec; 5(12):1741-3

Translational regulation of protein synthesis, in response to light, at a critical stage of Volvox development. Kirk MM, et al. **Cell** 1985 Jun;41(2):419-28

Rhythmic cyclic AMP changes in Chlamydomonas cells synchronized by temperature and light cycles in chemostat culture. Sharaf MA, et al. **Cell Biol Int Rep** 1985 Jun; 9(6):561-7

Efficient photosensitization of malignant human cells in vitro by liposome-bound porphyrins. Cozzani I, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):131-43

Induction of 'petite' mutants of yeast, Saccharomyces cerevisiae, by photodynamic action of acriflavine. Iwamoto Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2759-65

A biological effect on platelets by the minor component of gold sodium thiomalate--a by-product of heat sterilization and exposure to light. Kean WF, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):321-8

Light induced shift and binding of S-antigen in retinal rods. Broekhuyse RM, et al. **Curr Eye Res** 1985 May;4(5):613-8

Retinal damage in pigmented and albino rats exposed to low levels of cyclic light following a single mydriatic treatment. Williams RA, et al. **Curr Eye Res** 1985 Feb;4(2):97-102

Eye-opening in kittens: effects of light and some biological factors. Braastad BO, et al. **Dev Psychobiol** 1984 Nov; 17(6):675-81

Measures of growth, development, and sexual maturation in mongolian gerbils (Meriones unguiculatus): effects of photic period during ontogeny. Clark MM, et al. **Dev Psychobiol** 1985 Mar;18(2):191-202

Luminance and contrast responses recorded in man and cat. Schuurmans RP, et al. **Doc Ophthalmol** 1985 Feb; 59(2):187-97

Neuropathies of the optic nerve and visual evoked potentials with special reference to color vision and differential light threshold measured with the computer perimeter OCTOPUS. Wildberger H. **Doc Ophthalmol** 1984 Oct 31; 58(2):147-227

Non-suppressibility by room light of pineal N-acetyltransferase activity and melatonin levels in two diurnally active rodents, the Mexican ground squirrel (Spermophilus mexicanus) and the eastern chipmunk (Tamias striatus). Reiter RJ, et al. **Endocr Res** 1984; 10(2):113-21

Control of plasma sex steroid-binding protein (SBP) in the little brown bat: effects of photoperiod and orchiectomy on the induction of SBP in immature males. Damassa DA, et al. **Endocrinology** 1984 Dec;115(6):2355-61

Testicular function and pelage color have different critical daylengths in the Djungarian hamster, Phodopus sungorus sungorus. Duncan MJ, et al. **Endocrinology** 1985 Jan; 116(1):424-30

Serum melatonin profiles and endocrine responses of ewes exposed to a pulse of light late in the dark phase. Earl CR, et al. **Endocrinology** 1985 Jul;117(1):226-30

Does prolactin modify testosterone feedback in the hamster? Suppression of plasma prolactin inhibits photoperiod-induced decreases in testosterone feedback sensitivity. Matt KS, et al. **Endocrinology** 1984 Dec; 115(6):2098-103

Changes in photoperiod alter the daily rhythms of pineal melatonin content and hypothalamic beta-endorphin content and the luteinizing hormone response to naloxone in the male Syrian hamster. Roberts AC, et al. **Endocrinology** 1985 Jul;117(1):141-8

A rise in tonic luteinizing hormone secretion occurs during photoperiod-stimulated sexual maturation of the female ferret. Ryan KD, et al. **Endocrinology** 1985 May; 116(5):2013-8

Pulsatile luteinizing hormone release, and the inhibitory effect of estradiol-17 beta in gonadectomized male and female rats: effects of neonatal androgen or exposure to constant light. Watts AG, et al. **Endocrinology** 1984 Dec; 115(6):2251-9

Alternate photoperiods time puberty in the female lamb. Yellon SM, et al. **Endocrinology** 1985 May;116(5):2090-7

The phototoxicity of benzo[a]pyrene in the green alga Selenastrum capricornutum. Cody TE, et al. **Environ Res** 1984 Oct;35(1):122-32

Calcium-induced lens protein aggregation accelerated by reactive oxygen species photosensitized in the presence of hydroxykynurenines. Bando M, et al. **Exp Eye Res** 1985 Jun;40(6):813-8

Adenine nucleotide and P-creatine levels in layers of frog retina as a function of dark and light adaptation. Barbehenn EK, et al. **Exp Eye Res** 1985 May;40(5):675-86

Thalamic kindling: electrical stimulation of the lateral geniculate nucleus produces photosensitive grand mal seizures. Shouse MN, et al. **Exp Neurol** 1984 Oct;86(1):18-32

Dark exposure inhibits the mitotic activity of thyroid follicular cells in male mice with intact pineal. Lewiński A, et al. **Experientia** 1984 Nov 15;40(11):1284-5

Photoregulation of some enzymes from Neurospora crassa. Ram S, et al. **Experientia** 1984 Dec 15;40(12):1382-4

Effect of photoperiod and all-female grouping on the estrous cycle of the bandicoot rat, Bandicota bengalensis. Sahu A. **Experientia** 1984 Nov 15;40(11):1285-7

Intraocular 6-hydroxydopamine prevents the persistent estrus induced by continuous light. Shimizu K, et al. **Experientia** 1985 Jan 15;41(1):125-7

Imprinting of the Peking duck (Anas platyrhynchos) and dependence on exposure to light during ontogenesis. Teuchert G, et al. **Experientia** 1985 Mar 15;41(3):400-2

The effect of rhodopsin phosphorylation on the light-dependent activation of phosphodiesterase from bovine rod outer segments. Arshavsky VY, et al. **FEBS Lett** 1985 Feb 25;181(2):264-6

Light changes the membrane potential and ion balances of retinal rod disks. Hughes SM, et al. **FEBS Lett** 1985 Mar 25;182(2):380-4

Light-induced activation of the rod phosphodiesterase leads to a rapid transient increase of near-infrared light scattering. Kamps KM, et al. **FEBS Lett** 1985 Aug 19;188(1):15-20

Postnatal developmental profiles of filamentous actin and of 200 kDa neurofilament polypeptide in the visual cortex of light- and dark-reared rats and their relationship to critical period plasticity. Nona SN, et al. **FEBS Lett** 1985 Jul 1;186(1):111-5

Monovalent nickel in hydrogenase from Chromatium vinosum. Light sensitivity and evidence for direct interaction with hydrogen. van der Zwaan JW, et al. **FEBS Lett** 1985 Jan 7;179(2):271-7

Photoperiod-dependent negative feedback effects of thyroid hormones in Fundulus heteroclitus. Brown CL, et al. **Gen Comp Endocrinol** 1985 May;58(2):186-91

Changes in plasma thyroxine concentrations in male and female starlings (Sturnus vulgaris) during a photo-induced gonadal cycle. Dawson A. **Gen Comp Endocrinol** 1984 Nov;56(2):193-7

Recovery of photosensitivity in photorefractory starlings is not prevented by testosterone treatment. Goldsmith AR, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):210-7

Effects of time, photoperiod, and pinealectomy on ocular and plasma melatonin concentrations in the chick. Osol G, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):415-20

Effects of selected wavelengths of light on reproductive development in cockerels. Osol G, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):227-32

Effect of photic manipulation on the level of melatonin in the retinas of frogs (Rana tigrina regulosa). Pang SF, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):464-70

Effect of low light intensity on testicular function in photorefractory domestic ganders. Péczely P, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):293-300

Light, thyroid, gonad, and photorefractory state in the migratory redheaded bunting, Emberiza bruniceps. Thapliyal JP, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):41-52

The effect of light regime on growth and pattern of body fat accretion of broiler chickens. Robbins KR, et al. **Growth** 1984 Autumn;48(3):269-77

Effect of long and short photoperiod and/or pinealectomy on immunoreactive somatostatin in the Syrian hamster. Webb SM, et al. **Horm Metab Res** 1985 Feb;17(2):107-8

Temporal difference of thyrotropin-releasing hormone in prevention of testicular regression in golden hamsters exposed to short photoperiods: possible involvement of beta-endorphin. Chen HJ, et al. **Horm Res** 1985;21(3):168-74

Sneezing on exposure to bright light as an inherited response. Forrester JM. **Hum Hered** 1985;35(2):113-4

Inhibition of rat peritoneal mast cell histamine secretion by protoporphyrin and incandescent light. Abhold RH, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):126-32

The influence of artificial and natural short photoperiods on male Syrian hamsters: reproductive effects. Brainard GC, et al. **Int J Biometeorol** 1984 Nov;28(4):317-25

The phthalocyanines: a new class of mammalian cells photosensitizers with a potential for cancer phototherapy. Ben-Hur E, et al. **Int J Radiat Biol** 1985 Feb;47(2):145-7

Effect of methylene blue and illumination on the process of differentiation of the protozoan Herpetomonas samuelpessoai. Castellanos GB, et al. **Int J Radiat Biol** 1985 Feb;47(2):191-5

Comparing continuous and stepwise luminance variation in static campimetry using the Grignolo-Tagliasco-Zingirian projection campimeter. Capris P, et al. **Int Ophthalmol** 1985 Apr;8(1):55-8

Light exposure can reduce selectively or abolish the C-wave of the albino rat electroretinogram. Graves AL, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):388-93

Barium removes the ouabain-induced increase in the rod response to light. Walter AE, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):782-5

The photodeactivation of hedamycin, an antitumor antibiotic of the pluramycin type. Fredenhagen A, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):236-41

The cytotoxic and photodynamic inactivation of micro-organisms by Rose Bengal. Banks JG, et al. **J Appl Bacteriol** 1985 Apr;58(4):391-400

A theory of diffuse light scattering by lungs. Butler JP, et al. **J Appl Physiol** 1985 Jan;58(1):89-96

Light scattering by lungs correlates with stereological measurements. Suzuki S, et al. **J Appl Physiol** 1985 Jan;58(1):97-104

Photoreactivation of Escherichia coli reverses umuC induction by UV light. Brash DE, et al. **J Bacteriol** 1985 Aug;163(2):460-3

Kinetic studies on formation of cytochrome oxidase of Rhodopseudomonas capsulata after a shift from phototrophic to chemotrophic growth. Hüdig H, et al. **J Bacteriol** 1985 Jun;162(3):897-901

Effects of light, oxygen, and substrates on steady-state levels of mRNA coding for ribulose-1,5-bisphosphate carboxylase and light-harvesting and reaction center polypeptides in Rhodopseudomonas sphaeroides. Zhu YS, et al. **J Bacteriol** 1985 Jun;162(3):925-32

Albumin inhibits light activation of cGMP phosphodiesterase on rod disc membranes. Buzdygon BE, et al. **J Biol Chem** 1984 Dec 10;259(23):14567-71

Structure function studies on phytochrome. Identification of light-induced conformational changes in 124-kDa Avena phytochrome in vitro. Lagarias JC, et al. **J Biol Chem** 1985 Feb 25;260(4):2415-23

Differential effect of thiol oxidants on the chloroplast H+-ATPase in the light and in the dark. Shahak Y. **J Biol Chem** 1985 Feb 10;260(3):1459-64

Digital imaging fluorescence microscopy: spatial heterogeneity of photobleaching rate constants in individual cells. Benson DM, et al. **J Cell Biol** 1985 Apr;100(4):1309-23

Behavioural responses of Rhipicephalus sanguineus, R. turanicus and R. guilhoni ticks to relative humidity, light and host odour. Hafez M, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):623-35

Photoregulation of the biosynthesis of ribulose bisphosphate carboxylase. Ellis RJ, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:163-78

FSH secretion in pinealectomized rams subjected to artificial photoperiods. Barrell GK, et al. **J Endocrinol** 1985 Aug;106(2):167-71

Differential effects of cryptorchidism and short photoperiod on testicular prolactin and LH/human chorionic gonadotrophin receptors in the golden hamster. Bartke A, et al. **J Endocrinol** 1984 Nov;103(2):227-31

Hypothalamic gonadotrophin-releasing hormone and pituitary and plasma FSH and prolactin during photostimulation and photorefractoriness in intact and thyroidectomized starlings (Sturnus vulgaris). Dawson A, et al. **J Endocrinol** 1985 Apr;105(1):71-7

Changes in plasma prolactin in male starlings during testicular regression under short days compared with those during photorefractoriness. Goldsmith AR, et al. **J Endocrinol** 1984 Sep;102(3):353-6

Thyroxine treatment facilitates prolactin secretion and induces a state of photorefractoriness in thyroidectomized starlings. Goldsmith AR, et al. **J Endocrinol** 1985 Jan;104(1):99-103

Central effects of photoperiod on reproduction in the ram revealed by the use of a testosterone clamp. Lincoln GA. **J Endocrinol** 1984 Nov;103(2):233-41

Role of prolactin in the photoperiodic control of moulting in the mink (Mustela vison). Martinet L, et al. **J Endocrinol** 1984 Oct;103(1):9-15

Naloxone-induced secretion of LH in the male Syrian hamster: modulation by photoperiod and gonadal steroids. Roberts AC, et al. **J Endocrinol** 1985 Aug;106(2):243-8

Influence of lighting cycles on daily rhythms in concentrations of plasma tri-iodothyronine and thyroxine in intact and pinealectomized immature broiler hens (Gallus domesticus). Sharp PJ, et al. **J Endocrinol** 1984 Dec;103(3):337-45

Plasma and tissue concentrations of melatonin after midnight light exposure and pinealectomy in the pigeon. Vakkuri O, et al. **J Endocrinol** 1985 May;105(2):263-8

Androgen feedback-dependent and -independent control of photoinduced LH secretion in male tree sparrows (Spizella arborea). Wilson FE. **J Endocrinol** 1985 Apr;105(1):141-52

Effects of continuous light and dark exposure on hypothalamic thyrotropin-releasing hormone in rats. Martino E, et al. **J Endocrinol Invest** 1985 Feb;8(1):31-3

Photorefractoriness in Japanese quail: possible involvement of the thyroid gland. Follett BK, et al. **J Exp Zool** 1984 Dec;232(3):573-80 (16 ref.)

Photorefractoriness in European starlings: associated hypothalamic changes and the involvement of thyroid hormones and prolactin. Nicholls TJ, et al. **J Exp Zool** 1984 Dec;232(3):567-72 (27 ref.)

Photoperiod perception in the blind mole rat (Spalax ehrenbergi, Nehring): involvement of the Harderian gland, atrophied eyes, and melatonin. Pevet P, et al. **J Exp Zool** 1984 Oct;232(1):41-50

Light-induced changes in GTP and ATP in frog rod photoreceptors. Comparison with recovery of dark current and light sensitivity during dark adaptation. Biernbaum MS, et al. **J Gen Physiol** 1985 Jan;85(1):107-21

Calcium mediates the light-induced decrease in maintained K+ current in Limulus ventral photoreceptors. Chinn K, et al. **J Gen Physiol** 1984 Sep;84(3):447-62

Wavelength dependence of dark adaptation in Phycomyces phototropism. Galland P, et al. **J Gen Physiol** 1984 Nov;84(5):739-51

A monoclonal antibody to guanine nucleotide binding protein inhibits the light-activated cyclic GMP pathway in frog rod outer segments. Hamm HE, et al. **J Gen Physiol** 1984 Aug;84(2):265-80

Relationship between light sensitivity and intracellular free Ca concentration in Limulus ventral photoreceptors. A quantitative study using Ca-selective microelectrodes. Levy S, et al. **J Gen Physiol** 1985 Jun;85(6):805-41

Reaccumulation of [K+]o in the toad retina during maintained illumination. Shimazaki H, et al. **J Gen Physiol** 1984 Sep;84(3):475-504

The photoreactivity of the copper-NO complexes in cytochrome c oxidase and in other copper-containing proteins. Wever R, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):227-32

An instrument to monitor the luminance of pattern visual evoked potential stimuli. Collins AD. **J Med Eng Technol** 1985 May-Jun;9(3):123-4

DNA injection proteins are targets of acridine-sensitized photoinactivation of bacteriophage P22. Bryant JL Jr, et al. **J Mol Biol** 1984 Dec 25;180(4):837-63

Calcium channels are 'unblocked' within a few milliseconds after photoremoval of nifedipine. Nerbonne JM, et al. **J Mol Cell Cardiol** 1985 May;17(5):511-5

Fine structures in the light diffraction pattern of striated muscle. Leung AF. **J Muscle Res Cell Motil** 1984 Oct;5(5):535-58

Effect of light on the metabolism of lipids in the rat retina. Anderson RE, et al. **J Neurochem** 1985 Mar;44(3):773-8

Ontogenetic changes in the cyclic adenosine 3',5'-monophosphate-stimulatable phosphorylation of cat visual cortex proteins, particularly of microtubule-associated protein 2 (MAP 2): effects of normal and dark rearing and of the exposure to light. Aoki C, et al. **J Neurosci** 1985 Sep;5(9):2465-83

Transient membrane shedding in Limulus photoreceptors: control mechanisms under natural lighting. Chamberlain SC, et al. **J Neurosci** 1984 Nov;4(11):2792-810

Conditioned modification of phototactic behavior in Hermissenda. I. Analysis of light intensity. Crow T. **J Neurosci** 1985 Jan;5(1):209-14

Conditioned modification of phototactic behavior in Hermissenda. II. Differential adaptation of B-photoreceptors. Crow T. **J Neurosci** 1985 Jan;5(1):215-23

Cyclic guanosine 3':5'-monophosphate mimics the effects of light on a circadian pacemaker in the eye of aplysia. Eskin A, et al. **J Neurosci** 1984 Oct;4(10):2466-71

Contribution of differential scattering of circularly polarized light to the optical rotatory dispersion of a sample. Bustamante C. **J Opt Soc Am [A]** 1984 Nov;1(11):1114-9

Discrimination of luminance increments and decrements. Cohn TE, et al. **J Opt Soc Am [A]** 1985 Mar;2(3):404-7

Site of the accelerating nonlinearity underlying luminance-change detection. Cohn TE, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):202-5

Colors of monochromatic lights that vary in contrast-induced brightness. Fuld K, et al. **J Opt Soc Am [A]** 1985 Jan;2(1):76-83

Additivity of dichromatic color matches to short-wavelength lights. Nagy AL. **J Opt Soc Am [A]** 1984 Nov;1(11):1087-90

Effect of light adaptation on the perceptual red-green and yellow-blue opponent-color responses. Takahashi S, et al. **J Opt Soc Am [A]** 1985 May;2(5):705-12

Spectral efficiency of blackness induction. Werner JS, et al. **J Opt Soc Am [A]** 1984 Sep;1(9):981-6

Detection of light and flicker at low luminance levels in the human peripheral visual system. II. A mechanistic model. Zuidema P, et al. **J Opt Soc Am [A]** 1985 Mar;2(3):408-15

Influence of luminance gradient reversal on complex cells in feline striate cortex. Hammond P, et al. **J Physiol (Lond)** 1985 Feb;359:315-29

The ionic selectivity and calcium dependence of the light-sensitive pathway in toad rods. Hodgkin AL, et al. **J Physiol (Lond)** 1985 Jan;358:447-68

The luminance origin of the pattern electroretinogram in man. Riemslag FC, et al. **J Physiol (Lond)** 1985 Jun;363:191-209

Comparison study of visible curing lights and hardness of light-cured restorative materials. Friedman J, et al. **J Prosthet Dent** 1984 Oct;52(4):504-6

Photoperiodic control of meiosis in the male Syrian hamster (Mesocricetus auratus). Breckon G, et al. **J Reprod Fertil** 1985 Sep;75(1):177-81

Constant lighting conditions affect sexual behaviour and hormone levels in adult male rats. Fantie BD, et al.

J Reprod Fertil 1984 Nov;72(2):435-41

Photoperiodic regulation of reproductive development in male white-footed mice (Peromyscus leucopus) born at different phases of the breeding season. Forger NG, et al. **J Reprod Fertil** 1985 Jan;73(1):271-8

Photoperiodic time measurement is maintained in undernourished lambs with delayed puberty. Foster DL, et al. **J Reprod Fertil** 1985 Sep;75(1):203-8

Effects of melatonin implants in ram lambs. Kennaway DJ, et al. **J Reprod Fertil** 1985 Jan;73(1):85-91

Response in peripheral plasma melatonin to photoperiod change and the effects of exogenous melatonin on seasonal quiescence in the tammar, Macropus eugenii. McConnell SJ, et al. **J Reprod Fertil** 1985 Mar;73(2):529-38

Twenty-four-hour profiles of prolactin and testosterone in ram lambs exposed to skeleton photoperiods consisting of various light pulses. Schanbacher BD, et al. **J Reprod Fertil** 1985 Jan;73(1):37-43

Photoperiod and delayed implantation in the northern fur seal (Callorhinus ursinus). Temte JL. **J Reprod Fertil** 1985 Jan;73(1):127-31

Advancement of reproductive activity, seasonal reduction in prolactin secretion and seasonal pelage changes in pubertal red deer hinds (Cervus elaphus) subjected to artificially shortened daily photoperiod or daily melatonin treatments. Webster JR, et al. **J Reprod Fertil** 1985 Jan;73(1):255-60

Photosensitive stages in pubertal development of male deer mice (Peromyscus maniculatus). Whitsett JM, et al. **J Reprod Fertil** 1984 Nov;72(2):269-76

Effect of transitional photoperiods on testicular development and puberty in male deer mice (Peromyscus maniculatus). Whitsett JM, et al. **J Reprod Fertil** 1984 Nov;72(2):277-86

Adrenal function affects morphine-induced feeding during dark period, but not during light period in rats. Kunihara M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):67-75

Effects of melatonin and 6-methoxy-tetrahydro-beta-carboline in light induced retinal damage: a computerized morphometric method. Leino M, et al. **Life Sci** 1984 Nov 12;35(20):1997-2001

Light intensities required to suppress nocturnal melatonin secretion in albino and pigmented rats. Lynch HJ, et al. **Life Sci** 1984 Aug 20;35(8):841-7

Photoperiodic and light spectral conditions which inhibit circulating concentrations of thyroxine in the male hamster. Vaughan MK, et al. **Life Sci** 1985 Jun 10;36(23):2183-8

Structure and functional organization of light-harvesting complexes and photochemical reaction centers in membranes of phototrophic bacteria. Drews G. **Microbiol Rev** 1985 Mar;49(1):59-70 (123 ref.)

Light-dependent antibody labelling of photoreceptors. Balkema GW, et al. **Nature** 1985 Aug 15-21;316(6029):630-3

Light-regulated and organ-specific expression of a wheat Cab gene in transgenic tobacco. Lamppa G, et al. **Nature** 1985 Aug 22-28;316(6030):750-2

Light-induced reduction of cytoplasmic free calcium in retinal rod outer segment. Yau KW, et al. **Nature** 1985 Feb 14-20;313(6003):579-82

Darkness, ethanol and cerebral activity. Messiha FS. **Neurobehav Toxicol Teratol** 1985 Mar-Apr;7(2):149-53

Aging and daily rhythms of analgesia in mice: effects of natural illumination and twilight. Kavaliers M, et al. **Neurobiol Aging** 1984 Summer;5(2):111-4

Pineal melatonin mediates photoperiodic control of pulsatile luteinizing hormone secretion in the ewe. Bittman EL, et al. **Neuroendocrinology** 1985 May;40(5):409-18

Neurotoxic lesions of the anterior hypothalamus disrupt the photoperiodic but not the circadian system of the Syrian hamster. Hastings MH, et al. **Neuroendocrinology** 1985 Apr;40(4):316-24

Relationship between pineal N-acetyltransferase activity, pineal melatonin and serum melatonin in rats under different lighting conditions. Ho AK, et al. **Neuroendocrinology** 1984 Nov;39(5):465-70

Effect of steroid treatment on tonic and surge secretion of LH and FSH in the female golden hamster: effect of photoperiod. Jorgenson KL, et al. **Neuroendocrinology** 1984 Dec;39(6):549-54

Chemosensory and neural influences on photoperiodic responsiveness of laboratory rats. Nelson RJ, et al. **Neuroendocrinology** 1985 Apr;40(4):285-90

Effect of frontal hypothalamic deafferentation on photoperiod-induced changes of luteinizing hormone secretion in the ewe. Pau KY, et al. **Neuroendocrinology** 1985 Jul;41(1):72-8

Effects of progesterone on the pituitary responsiveness to, and priming effect of luteinizing hormone releasing hormone in female rats exposed to constant light. Watts AG, et al. **Neuroendocrinology** 1985 Feb;40(2):152-9

Changes in neocortical function in response to the direct action of optical radiation. Velling VA, et al. **Neurosci Behav Physiol** 1985 May-Jun;15(3):207-13

The effects of binocular and monocular occlusion on the number of optic nerve axons containing degenerative organelles. Ehrlich D, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):351-6

Comparison of pineal melatonin rhythms in young adult and old Djungarian hamsters (Phodopus sungorus) under long and short photoperiods. Hoffmann K, et al. **Neurosci Lett** 1985 May 1;56(1):39-43

Effect of light on Na-Ca exchange in rod outer segments in frog. Salceda R. **Neurosci Lett** 1985 Mar 22;55(1):55-60

Dopamine hyperpolarizes and reduces the light responses of rod ON-centre bipolar cells in the retina of the dogfish, Scyliorhinus canicula. Shiells RA, et al. **Neurosci Lett** 1985 Apr 19;55(3):331-6

Stimulated drug uptake in a photoreceptor cell. Wilcox M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):187-92

The concentration of enkephalin-like material in the chick retina is light dependent. Millar TJ, et al. **Neuroscience** 1984 Sep;13(1):221-6

Diurnal changes in peripheral melatonin concentration in goats and effects of light or dark interruption. Maeda K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):837-42

A suprathreshold measure of perceived brightness. Barbur VA. **Ophthalmic Physiol Opt** 1985;5(2):137-44

The effect of illumination and foveal fusion lock on clinical fixation disparity measurements with the Sheedy Disparometer. Wildsoet CF, et al. **Ophthalmic Physiol Opt** 1985;5(2):171-8

Fluctuations of light absorption of healthy papillae repeatedly photographed over a long period of time. Robert Y, et al. **Ophthalmic Res** 1985;17(3):154-61

In vivo assessment of lens transmission for blue-green light by autofluorescence measurement. van Best JA, et al. **Ophthalmic Res** 1985;17(2):90-5

Changes in the brain and core temperatures in relation to the various arousal states in rats in the light and dark periods of the day. Obál F Jr, et al. **Pflugers Arch** 1985 May;404(1):73-9

13th annual meeting of the American Society for Photobiology. Abstracts of papers. New Orleans, Louisiana, 23-27 June 1985. **Photochem Photobiol** 1985 May;41 Suppl:1S-130S

Transmission of human epidermis and stratum corneum as a function of thickness in the ultraviolet and visible wavelengths. Bruls WA, et al. **Photochem Photobiol** 1984 Oct;40(4):485-94

The photomovement of Caenorhabditis elegans, a nematode which lacks ocelli. Proof that the response is to light not radiant heating. Burr AH. **Photochem Photobiol** 1985 May;41(5):577-82

Incandescent lamps can produce pyrimidine dimers in DNA. Ciarrocchi G, et al. **Photochem Photobiol** 1985 Jun;41(6):703-5

Results of studies of potential light spectrum effects on human performance. Irvine AB, et al. **Photochem Photobiol** 1985 Jun;41(6):655-9

Photodynamic effects: porphyrin vs chlorin. Kessel D, et al. **Photochem Photobiol** 1984 Sep;40(3):403-5

Caffeine-enhanced photomovement in the ciliate, Stentor coeruleus. Prusti RK, et al. **Photochem Photobiol** 1984 Sep;40(3):369-75

A preliminary study on the in vivo transmission of light through psoriatic plaques. Farr PM, et al. **Photodermatol** 1984 Apr;1(2):87-90

Passive and active avoidance behavior in the light-dark box test. Ambrogi Lorenzini C, et al. **Physiol Behav** 1984 Apr;32(4):687-9

Urinary chemosignals and puberty in female house mice: effects of photoperiod and food deprivation. Drickamer LC. **Physiol Behav** 1984 Dec;33(6):907-11

Control of cage lighting by locomotor activity through feedback circuits. Ferraro JS, et al. **Physiol Behav** 1984 Sep;33(3):487-90

Effects of crepuscular photoenvironment on light-induced behavior of Daphnia. Grover PB Jr, et al. **Physiol Behav** 1984 Nov;33(5):729-32

The effect of constant light on maternal physiology and behavior. Leon M. **Physiol Behav** 1985 Apr;34(4):631-3

The effect of supplementation of daylight with artificial light from various sources and at two intensities on the egg production of two lines of geese. Pyrzak R, et al. **Poult Sci** 1984 Sep;63(9):1846-50

Photopic action of thyrotropin-releasing hormone in the cat retina. Bolz J, et al. **Proc R Soc Lond [Biol]** 1985 Jun 22;224(1237):463-73

A comparison of spectral transmittance for several mammalian tissues: effects at PRT frequencies. Bolin FP, et al. **Prog Clin Biol Res** 1984;170:211-25

Merocyanine 540-mediated photosensitization of leukemia and solid tumor cells. Sieber F. **Prog Clin Biol Res** 1985;172B:227-34

Studies of light propagation through tissue. Wilksch PA, et al. **Prog Clin Biol Res** 1984;170:149-61

Light propagation in animal tissues in the wavelength range 375-825 nanometers. Wilson BC, et al. **Prog Clin Biol Res** 1984;170:115-32

Study of a photo-induced lysozyme-riboflavin bond. Ferrer I, et al. **Radiat Environ Biophys** 1985;24(1):63-70

The riboflavin-sensitized photooxidation of horseradish apoperoxidase. Silva E, et al. **Radiat Environ Biophys** 1985;24(1):57-61

Factors affecting the photokilling of cultured Chinese hamster cells by phthalocyanines. Ben-Hur E, et al. **Radiat Res** 1985 Sep;103(3):403-9

Influence of photoperiod on the time of birth in the rat. IV. Effects of an imposed feeding rhythm. Bosc MJ, et al. **Reprod Nutr Dev** 1985;25(1A):39-48

Effect of visible light (425-700 nm) on different preparations of transforming deoxyribonucleic acid from Haemophilus influenzae. Cortés-Vázquez MI, et al. **Rev Latinoam Microbiol** 1984 Jul-Sep;26(3):239-44

The influence of haematoporphyrin derivative and visible light on murine skin graft survival, epidermal Langerhans cells and stimulation of the allogeneic mixed leucocyte reaction. Gruner S, et al. **Scand J Immunol** 1985 Mar;21(3):267-73

Mutagenic activation of 2-aminofluorene by fluorescent light. White GL, et al. **Teratogenesis Carcinog Mutagen** 1985;5(1):63-73

Local regulation of luminance gain. Burr DC, et al. **Vision Res** 1985;25(5):717-27

Fluorescent tube light evokes flicker responses in visual neurons. Eysel UT, et al. **Vision Res** 1984;24(9):943-8

Light adaptation in luminosity horizontal cells in the turtle retina. Role of cellular coupling. Itzhaki A, et al. **Vision Res** 1984;24(10):1119-26

Visual pigments and environmental light. Lythgoe JN. **Vision Res** 1984;24(11):1539-50 (87 ref.)

Spatial spread of light-induced sensitization in rod photoreceptors exposed to low external calcium. Matthews G. **Vision Res** 1985;25(6):733-40

Annual variations in the visual pigments of brown trout inhibiting lochs providing different light environments. Muntz WR, et al. **Vision Res** 1984;24(11):1575-80

[Purple membranes as a model system for research on photoreception processes. I. The structure, asymmetry and dynamics of the purple membrane] Stoilov S, et al. **Eksp Med Morfol** 1985;24(1):49-53 (Eng. Abstr.) **(Bul)**

[A new method for the phlebologist: light reflection rheography] Goor W. **Phlebologie** 1984 Jul-Sep;37(3):309-12 **(Fre)**

[Functional phlebological diagnosis using light reflection rheography] Wienert V. **Phlebologie** 1984 Jul-Sep;37(3):303-8 (Eng. Abstr.) **(Fre)**

[Influence of the photoperiod on the production and fecundity of spermatozoa in the adult Ile-de-France ram] Colas G, et al. **Reprod Nutr Dev** 1985;25(1A):101-11 (Eng. Abstr.) **(Fre)**

[Effect of visible light on humoral immune reactions of the calf] Buchholz I, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):220-33 (Eng. Abstr.) **(Ger)**

[Headache and generalized epileptic EEG activity due to strong light exposure] Logar C, et al. **EEG EMG** 1985 Mar;16(1):17-20 (Eng. Abstr.) **(Ger)**

[Retinal visual acuity and short-wave light absorption in nuclear cataract and intraocular lenses] Kluxen G, et al. **Fortschr Ophthalmol** 1985;82(1):48-52 (Eng. Abstr.) **(Ger)**

[Circadian rhythm, the retina and light] Reme C, et al. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):175-9 (35 ref.) (Eng. Abstr.) **(Ger)**

[Effect of light on human regulation. Results of seasonal variations in pupil size] Klinker L, et al. **Z Gesamte Hyg** 1985 Feb;31(2):88-90 (Eng. Abstr.) **(Ger)**

[Reproductive conditioning of the partridge (Perdix perdix) with GnRH and an increase in the photoperiod] Minoia P, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1153-9 (Eng. Abstr.) **(Ita)**

[Suppressive effect on the electro-oculographic light rise of the intravenous injection of a hypertonic solution] Wakabayashi K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):423-7 (Eng. Abstr.) **(Jpn)**

[Action spectra and morphological changes of L-929 cells in phototoxic reactions by photosensitizers] Numata T. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1265-76 **(Jpn)**

[Weak chemiluminescence from infarcted rat brain and basic studies on the generation of chemiluminescence] Arai H, et al. **No To Shinkei** 1985 Jan;37(1):65-72 (Eng. Abstr.) **(Jpn)**

[Molecular mechanism of phototransduction in visual cells] Yoshizawa T, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1161-74 (127 ref.) **(Jpn)**

[Effect of visible light on the ATP synthetase function of mitochondria] Vishnevskiĭ ES, et al. **Biofizika** 1984 Jul-Aug;29(4):637-9 (Eng. Abstr.) **(Rus)**

[Nature of the electrogenic phases of the bacteriorhodopsin photocycle and the localization of retinal] Drachev LA, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):176-80 **(Rus)**

[Effect of irradiation with monochromatic visible light on the cAMP content in mammalian cells] Karu TI, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1242-4 **(Rus)**

[Relation of the light sensitivity of the retinal rods to cyclic nucleotide metabolism] Bochkin LM, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):159-61 **(Rus)**

[Extracellular potassium in the frog retina and its light-induced changes] Bykov KA, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1381-7 (Eng. Abstr.) **(Rus)**

[Hygienic classification of industrial sources of optic radiation] Gvozdenko LA. **Gig Sanit** 1984 Jul;(7):9-12 (Eng. Abstr.) **(Rus)**

[Visible radiation and occupational health standards for it] Zhilov IuD, et al. **Gig Sanit** 1984 Sep;(9):13-7 (Eng. Abstr.) **(Rus)**

[Photoactivation of the catalytic properties of a melanin pigment of fungal origin] Zhdanov NN, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):304-8 (Eng. Abstr.) **(Rus)**

[Effect of the duration of exposure of animals to light and dark regimes on the level of tumor radiosensitivity]

Vasil'eva GS, et al. **Med Radiol (Mosk)** 1985 Mar; 30(3):71-4 **(Rus)**

[Kinetics and spectra of photo-induced changes in the absorption of pigment-protein complexes of photosystem 1 in a picosecond range] Borisov AIu, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):636-42 (Eng. Abstr.) **(Rus)**

[Means of optimizing light energy conversion in the primary stages of photosynthesis. II. Optimization of the structure of an uniform photosynthetic unit lattice] Fetisova ZG, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1657-63 (Eng. Abstr.) **(Rus)**

[Means of optimizing conversion of light energy in the primary stages of photosynthesis. I. The need for optimizing the structure of a photosynthetic unit and calculation of its efficiency] Fetisova ZG, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1651-6 (Eng. Abstr.) **(Rus)**

[Light absorption by the retinal photoreceptors of the human eye] Usov NI. **Oftalmol Zh** 1984;(5):308-11 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Light-induced maculopathy from the operating microscope. Khwarg SG, et al. **Am J Ophthalmol** 1984 Nov; 98(5):628-30

Light-induced maculopathy. Ross WH. **Am J Ophthalmol** 1984 Oct 15;98(4):488-93

Users' and nonusers' evaluations of the CPF 550 lenses. Morrissette DL, et al. **Am J Optom Physiol Opt** 1984 Nov; 61(11):704-10

Light-induced hypomania [letter] Pande AC. **Am J Psychiatry** 1985 Sep;142(9):1126

Blue light hazard and aniridia. Abadi RV, et al. **Br J Ophthalmol** 1985 Mar;69(3):233-5

Epileptic seizures precipitated by constant light, movement in daily life, and hot water immersion. Morimoto T, et al. **Epilepsia** 1985 May-Jun;26(3):237-42

Retinal phototrauma during intra-ocular lens-implantation. De Laey JJ, et al. **Int Ophthalmol** 1984 Jun;7(2):109-16

Production and inhibition of solar urticaria by visible light exposure. Horio T, et al. **J Am Acad Dermatol** 1984 Dec; 11(6):1094-9

Operating microscope light-induced retinal injury: mechanisms, clinical manifestations, and preventive measures. Colvard DM. **J Am Intraocul Implant Soc** 1984 Fall;10(4):438-43

Photo-oxidation of tetracycline adsorbed on hydroxyapatite in relation to the light-induced staining of teeth. Davies AK, et al. **J Dent Res** 1985 Jun;64(6):936-9

Photosensitized oxidation of tryptophan and hepatic dysfunction in neonatal gerbils. Bhatia J, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):491-5

Use of a short wavelength filter in an operating microscope. Keates RH, et al. **Ophthalmic Surg** 1985 Jan;16(1):40-1

Retinal burns occurring at cataract extraction [letter] Aymond DK. **Ophthalmology** 1985 May;92(5):715-6

Phototoxicity. The eclipse filter. McIntyre DJ. **Ophthalmology** 1985 Mar;92(3):364-5

Photoinduced buphthalmic avian eyes. I. Continuous fluorescent light. Whitley RD, et al. **Poult Sci** 1984 Aug; 63(8):1537-42

Retinal damage from the illumination of the operating microscope: an experimental study in pseudophakic monkeys. Irvine AR, et al. **Trans Am Ophthalmol Soc** 1984; 82:239-63

'Let there be light'. A study of phototoxicity. Goldberg RE, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):160-8

Retinal atrophy in albino rats associated with Pituranthos triradiatus (umbelliferae)-induced photosensitization. Nyska A, et al. **Vet Pathol** 1984 Sep;21(5):551-2

[Besnier-Boeck-Schaumann disease: multiple sarcoids on areas exposed to light] Goujon C, et al. **Ann Dermatol Venereol** 1984;111(9):815-7 **(Fre)**

[Congruent corneal cap of metal foil as protection of the eye against light and heat from operation lamps] Payer H. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):46-7 (Eng. Abstr.) **(Ger)**

[Photoinduced chronic familial benign pemphigus] Goitre M, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec;119(6):411-3 (Eng. Abstr.) **(Ita)**

[Photic injury to the retina in eye surgery] Fugulyan G, et al. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):291-4 (Eng. Abstr.) **(Rum)**

[Heat denaturation of opsin in warm-blooded animals as a possible mechanism of light-induced retinal damage] Berman AL, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):396-8 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Mammography, sonomammography, and diaphanography (lightscanning). A prospective, comparative study with histologic correlation. Greene FL, et al. **Am Surg** 1985 Jan; 51(1):58-60

Contact and photocontact allergy in persistent light reactivity. Thune P, et al. **Contact Dermatitis** 1984 Aug; 11(2):98-107

[Friedmann's exploration using red light] Ourgaud M, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):639-47 (Eng. Abstr.) **(Fre)**

[Laryngeal stroboscopy] Barth V, et al. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):359-64 (Eng. Abstr.) **(Fre)**

[Skin vascular reactivity to noradrenaline in healthy subjects and hypertensives based on data from a method continuously recording the intensity of reflected light] Oshchepkova EV, et al. **Kardiologiia** 1985 Mar;25(3):22-6 (Eng. Abstr.) **(Rus)**

[Importance of the photostress test in diagnosing dry and transudative forms of macular dystrophy in myopia] Vodovozov AM, et al. **Vestn Oftalmol** 1985 Jan-Feb; 101(1):49-51 (Eng. Abstr.) **(Rus)**

LIGHT COAGULATION

Malignant melanoma of the choroid: treatment with episcleral 198Au plaque and xenon-arc photocoagulation. Moura RA, et al. **Ann Ophthalmol** 1985 Feb;17(2):114-25

Treatment of retinal pigment epithelial detachments. Tornambe PE. **Ann Ophthalmol** 1984 Sep;16(9):884-6, 888

Photocoagulation for peripheral neovascularisation in diabetes. Inglesby DV, et al. **Br J Ophthalmol** 1985 Mar; 69(3):157-61

Xenon arc photocoagulation for treatment of subluxation of lens. Lamba PA, et al. **Br J Ophthalmol** 1985 Apr; 69(4):291-3

Argon laser photocoagulation of various angiomas. Maillard GF, et al. **Br J Plast Surg** 1985 Apr;38(2):156-62

Assessing possible late treatment effects in stopping a clinical trial early: a case study. Diabetic Retinopathy Study report No. 9. Ederer F, et al. **Controlled Clin Trials** 1984 Dec; 5(4):373-81

Experimental investigations of intraocular eicosanoids: cultured human trabecular cells and laser photocoagulation of the rabbit iris. Weinreb RN, et al. **Curr Eye Res** 1985 Mar;4(3):281-90

A randomized trial of photocoagulation or injection sclerotherapy for the treatment of first- and second-degree hemorrhoids. Ambrose NS, et al. **Dis Colon Rectum** 1985 Apr;28(4):238-40

Minified diagnostic contact lenses for biomicroscopic examination and photocoagulation of the anterior and posterior segment in small primates [letter] Kaufman PL, et al. **Exp Eye Res** 1985 Jun;40(6):883-5

Endoscopic hemostasis: coaptive heating versus laser photocoagulation [editorial] Silverstein F. **Gastrointest Endosc** 1985 Aug;31(4):287-8

Alteration of oscillatory potentials in diabetics induced by photocoagulation of the retina. Hennekes R, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;221(5):230-3

Measurement of flow-physiologic parameters of retinal blood circulation in type 1 and 2 diabetics before and after photocoagulation. Oswald B, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(3):154-7

Long term results of treatment of vascular malformations of the gastrointestinal tract by neodymium Yag laser photocoagulation. Rutgeerts P, et al. **Gut** 1985 Jun; 26(6):586-93

Preliminary study of the Nd:YAG laser in canine partial nephrectomy. Benderev TV, et al. **Lasers Surg Med** 1985; 5(4):415-21

CO2 laser and suture in splenic parenchyma: an experimental study. Goldenberg A, et al. **Lasers Surg Med** 1985; 5(4):405-13

Treatment of proliferative diabetic retinopathy. Long-term results of argon laser photocoagulation. Little HL. **Ophthalmology** 1985 Feb;92(2):279-83

Argon laser destruction of anterior chamber implantation cysts [letter] Sugar J, et al. **Ophthalmology** 1985 Feb; 92(2):306-7

Chorioretinal and choriovitreal neovascularization after photocoagulation for proliferative diabetic retinopathy. A clinicopathologic correlation. Wallow I, et al. **Ophthalmology** 1985 Apr;92(4):523-32

Ophthalmomyiasis treated by argon-laser photocoagulation. Forman AR, et al. **Retina** 1984 Summer-Fall;4(3):163-5

Reduction of immediate complications after panretinal photocoagulation. Liang JC, et al. **Retina** 1984 Summer-Fall;4(3):166-70

Macular edema following panretinal photocoagulation. McDonald HR, et al. **Retina** 1985 Winter-Spring;5(1):5-10

[Effects of panretinal photocoagulation on posterior fundus in diabetic retinopathy. Analysis of local macular electroretinogram and visual evoked response] Kondo T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):535-43 (Eng. Abstr.) **(Jpn)**

[Vitreous fluorophotometry after the argon laser photocoagulation in monkey's eyes] Watanabe M, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):323-34 (Eng. Abstr.) **(Jpn)**

[Timely photocoagulation--the modern method of choice in the treatment of diabetic retinopathy] Nikolić Lj. **Srp Arh Celok Lek** 1984 Sep;112(9):967-74 (Eng. Abstr.) **(Scc)**

ADVERSE EFFECTS

Retinal pigment epithelial rip during krypton red laser photocoagulation. Gass JD. **Am J Ophthalmol** 1984 Dec 15;98(6):700-6

Unsuccessful laser cyclophotocoagulation for glaucoma in aniridia [letter] Strasser G. **Arch Ophthalmol** 1985 Jul; 103(7):890

Pneumopericardium: an unusual complication of endotracheal laser surgery. Vourc'h G, et al. **Br J Anaesth** 1985 Apr;57(4):451-2

Changing the protocol: a case report from the Macular Photocoagulation Study. Macular Photocoagulation Study Group. **Controlled Clin Trials** 1984 Sep;5(3):203-16

Pupillary abnormalities induced by argon laser photocoagulation. Lobes LA Jr, et al. **Ophthalmology** 1985 Feb;92(2):234-6

[Complications after treatment of retinoblastoma with radioactive cobalt and xenon photocoagulation] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb; 87(2):68-70 (Eng. Abstr.) **(Pol)**

INSTRUMENTATION

Artificial sapphire probe for contact photocoagulation and tissue vaporization with the Nd:YAG laser. Daikuzono N, et al. **Med Instrum** 1985 Jul-Aug;19(4):173-8

[Infrared contact coagulation of the liver: technic--tactics--results] Guthy E, et al. **Langenbecks Arch Chir** 1984;363(2):129-38 (Eng. Abstr.) **(Ger)**

[Fundus photocoagulation using the continuous Nd:YAG laser] Tamaki K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):412-7 (Eng. Abstr.) **(Jpn)**

METHODS

Improved visualization of the retina during endophotocoagulation [letter] Rinkoff JS, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):805-6

Repositioning of pupil for visual disability. Lamba PA, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):4-9

Scatter photocoagulation for choroidovitreal neovascularization. Augsburger JJ, et al. **Retina** 1984 Summer-Fall;4(3):171-6

[Treatment of naevus flammeus lateralis by infrared contact coagulation] Krumrey KW. **Z Hautkr** 1984 Aug 15; 59(16):1070-2 (Eng. Abstr.) **(Ger)**

[Correlation between the method of xenon photocoagulation and the state of the retina in patients with diabetic retinopathy] Zygulska-Machowa H, et al. **Klin Oczna** 1985 Feb;87(2):76-8 (Eng. Abstr.) **(Pol)**

LIGHT, LUMINESCENT see LUMINESCENCE

LIGHT, VISIBLE see LIGHT

LIGHTING

Facilitating visual discrimination learning of moderately and severely mentally retarded children through illumination of stimuli. Meador DM, et al. **Am J Ment Defic** 1984 Nov; 89(3):313-6

Visual acuity and chart luminance. Sheedy JE, et al. **Am J Optom Physiol Opt** 1984 Sep;61(9):595-600

PCB exposure from fluorescent lights [letter] Harris MG. **Am J Public Health** 1985 Aug;75(8):892

Motorcycle headlight-use laws: a contrasting view. Muller A. **Am J Public Health** 1985 May;75(5):547-9

Motorcycle headlight-use laws and fatal motorcycle crashes in the US, 1975-83. Zador PL. **Am J Public Health** 1985 May;75(5):543-6

Spectral distributions of dental colour-matching lamps. Cook WD, et al. **Aust Dent J** 1985 Feb;30(1):15-21

Color discrimination as a function of saturation, field size, and adaptation level. Ward FE, et al. **Aviat Space Environ** Med 1985 Mar;56(3):251-3

Comparison of artificial light sources and lighting programmes for laying hens on long ahemeral light cycles. Rose SP, et al. **Br Poult Sci** 1985 Jul;26(3):357-65

Lightning injuries. Tribble CG, et al. **Compr Ther** 1985 Feb; 11(2):32-40

The relationship between feline pupil size and luminance. Hammond P, et al. **Exp Brain Res** 1985;59(3):485-90

Modulation of human velocity storage sampled during intermittently-illuminated optokinetic stimulation. Segal BN, et al. **Exp Brain Res** 1985;59(3):515-23

Protection of ovarian function by continuous light in alloxan diabetic rats. Biswas NM, et al. **Folia Biol (Krakow)** 1984; 32(1-2):13-6

Effect of glare on performance of a VDT reading-comprehension task. Garcia KD, et al. **Hum Factors** 1985 Apr;27(2):163-73

The effect of ambient room illumination upon Wayne Saccadic Fixator performance. Appler DV, et al. **J Am Optom Assoc** 1984 Nov;55(11):818-21

Fertility of ewe lambs maintained indoors year-round on an accelerated breeding program. Hackett AJ, et al. **J Anim Sci** 1984 Nov;59(5):1129-34

The influence of photoperiod on body weight gain, body composition, nutrient intake and hormone secretion. Tucker HA, et al. **J Anim Sci** 1984 Dec;59(6):1610-20 (51 ref.)

Effect of photoperiod on milk production and prolactin of Holstein dairy cows. Marcek JM, et al. **J Dairy Sci** 1984 Oct;67(10):2380-8

Mammary growth response of Holstein heifers to photoperiod. Petitclerc D, et al. **J Dairy Sci** 1985 Jan; 68(1):86-90

Picture perception: effects of luminance on available information and information-extraction rate. Loftus GR.

J Exp Psychol [Gen] 1985 Sep;114(3):342-56

Prior light alters the circadian clock in the chick pineal gland. Binkley S, et al. **J Exp Zool** 1984 Dec;232(3):551-6

Color matching at high illuminances: the color-match-area effect and photopigment bleaching. Burns SA, et al. **J Opt Soc Am [A]** 1985 May;2(5):698-704

Effect of large spatial uncertainty on foveal luminance increment detectability. Cohn TE, et al. **J Opt Soc Am [A]** 1985 Jun;2(6):820-5

Sore eyes due to accidental exposure to ultraviolet B [letter] Asbury JF. **Lancet** 1984 Nov 17;2(8412):1163

Diurnal rhythms in calcium and phosphate metabolism in rodents and their relations to lighting and feeding schedules. Shinoda H, et al. **Miner Electrolyte Metab** 1985; 11(3):158-66

Ambient light and phototherapy conditions of eight neonatal care units: a summary report. Landry RJ, et al. **Pediatrics** 1985 Feb;75(2 Pt 2):434-6

Interactive effects of noise with illumination and age on activity of rats. Delay ER. **Percept Mot Skills** 1985 Apr; 60(2):479-83

Extending the perception of shape from known to unknown shading. Berbaum K, et al. **Perception** 1984;13(4):479-88

The effects of illumination level and retinal size on the depth stratification of subjective contour figures. Bradley DR, et al. **Perception** 1984;13(2):155-64

Brightness matching, brightness cancellation, and increment threshold in the Ehrenstein illusion. Spillmann L, et al. **Perception** 1984;13(5):513-20

Testis development and daily sperm output in guineas submitted to progressively increasing daily photoperiods at different ages. Brillard JP, et al. **Poult Sci** 1985 Apr; 64(4):713-7

The effect of intermittent lighting on growth, feed:gain ratio, and abdominal fat content of broiler chickens of various genotypes and sex. Cave NA, et al. **Poult Sci** 1985 Mar; 64(3):447-53

Some effects of photoperiod on the pituitary/thyroid axis of castrated cockerels. Chiasson RB, et al. **Poult Sci** 1985 Jun;64(6):1205-9

The effect of light duration on turkey poult performance and adrenal function. Davis GS, et al. **Poult Sci** 1985 May; 64(5):995-1001

The influence of daylength, body weight, and age on the reproductive ability of broiler breeder cockerels. Harris GC Jr, et al. **Poult Sci** 1984 Sep;63(9):1705-10

The effect of supplementation of daylight with artificial light from various sources and at two intensities on the egg production of two lines of geese. Pyrzak R, et al. **Poult Sci** 1984 Sep;63(9):1846-50

Response of different commercial strains of laying hens to short total photoperiods in interrupted night experiments during days of 24 and 28 hours. van Tienhoven A, et al. **Poult Sci** 1984 Dec;63(12):2318-30

Rapid reduction of off-task behavior in retarded children by use of light-out. Drash PW, et al. **Psychol Rep** 1985 Apr;56(2):499-509

Perceptual scission of surface-lightness and illumination: an examination of the Gelb effect. Noguchi K, et al. **Psychol Res** 1985;47(1):19-25

Photoperiodic influences on reproduction of domestic boars. I. Light influences on testicular steroids in peripheral blood plasma and seminal plasma. Claus R, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):86-98

Photoperiodic influences on reproduction of domestic boars. II. Light influences on semen characteristics and libido. Claus R, et al. **Zentralbl Veterinarmed [A]** 1985 Feb; 32(2):99-109

[Effect of illumination of the chick embryo on hatchability, length of incubation and hematopoiesis] Bednarczyk MF, et al. **Ann Rech Vet** 1984;15(3):411-6 (Eng. Abstr.) **(Fre)**

[Intensity of the illumination of the surgical field and the functional results in cataract surgery] Christ T, et al. **Fortschr Ophthalmol** 1985;82(1):34-6 (Eng. Abstr.) **(Ger)**

[Development of a photoperiod-controllable clean rack for rats: circadian rhythms of water intake and blood corticosterone levels] Torii R, et al. **Jikken Dobutsu** 1985 Jan;34(1):57-62 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Oxygen flowmeters [letter] Coppel DL, et al. **Anaesthesia** 1985 Jul;40(7):707

Is bright room light related to retrolental fibroplasia? [letter] Warshauer AD. **Anesthesiology** 1984 Dec;61(6):785-6

Photopollution: artificial light optic spatial control systems fail to cope with. Incidents, causation, remedies. Verheijen FJ. **Exp Biol** 1985;44(1):1-18 (83 ref.)

Discussion of 'Electrocution by Street Lighting' [letter] Béland B. **J Forensic Sci** 1985 Apr;30(2):311-5

Cutaneous malignant melanoma and fluorescent lighting. English DR, et al. **JNCI** 1985 Jun;74(6):1191-7

Effect of bright light in the hospital nursery on the incidence of retinopathy of prematurity. Glass P, et al. **N Engl J Med** 1985 Aug 15;313(7):401-4

Hazards to vision in the nursery [editorial] Sisson TR. **N Engl J Med** 1985 Aug 15;313(7):444-5

METHODS

Lamp placement and the Miller I laryngoscope blade [letter] Jones RD. **Anesthesiology** 1985 Feb;62(2):207

Measurement of the 232Th content of gas mantles [letter] Brits RJ. **Health Phys** 1985 Jan;48(1):124

How may external and interstitial illumination be compared in laser photodynamic therapy? McKenzie AL. **Phys Med Biol** 1985 May;30(5):455-60

[Fluorescent lamps from the actinic viewpoint] Bodmann HW, et al. **Z Hautkr** 1984 Aug 15;59(16):1067-9 (Eng. Abstr.) **(Ger)**

[Illumination technics in dentistry. Suggestions and prospects. Comments on the use of fiber optics] Re G, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):857-9 (Eng. Abstr.) **(Ita)**

STANDARDS

[Requirement of a modern illumination system for dental studies] Re G, et al. **Minerva Stomatol** 1984 Sep-Oct; 33(5):853-5 (Eng. Abstr.) **(Ita)**

[Hygienic characteristics of lighting in compartments without windows] Sosnova TL, et al. **Gig Sanit** 1985 Jan;(1):28-30 (Eng. Abstr.) **(Rus)**

LIGHTNING

Lightning-induced myocardial injury. A case report with management. Sinha AK. **Angiology** 1985 May;36(5):327-31

Blast injury of the lungs due to lightning. Moulson AM. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1270-1

Electrical and lightning injuries. Cooper MA. **Emerg Med Clin North Am** 1984 Aug;2(3):489-501

Lightning injuries. Cooper MA. **Emerg Med Clin North Am** 1983 Dec;1(3):639-41

Cardiac injury due to lightning--report of a survivor. Subramanian N, et al. **Indian Heart J** 1985 Jan-Feb; 37(1):72-3

Experimental study on the lethal threshold value of multiple successive voltage impulses to rabbits simulating multi-stroke lightning flash. Ishikawa T, et al. **Int J Biometeorol** 1985 Jun;29(2):157-68

Disseminated intravascular coagulation and acute myocardial necrosis caused by lightning. Ekoé JM, et al. **Intensive Care Med** 1985;11(3):160-2

Lightning injury. Dowling J, et al. **Ir Med J** 1984 Aug; 77(8):250-1

Lightning-strike disaster: effects on children's fears and worries. Dollinger SJ, et al. **J Consult Clin Psychol** 1984 Dec;52(6):1028-38

Lightning-induced acoustic rupture of the tympanic membrane: (a report of two cases). Kristensen S, et al. **J Laryngol Otol** 1985 Jul;99(7):711-3

Lightning injury with survival in five patients. Amy BW, et al. **JAMA** 1985 Jan 11;253(2):243-5

Intracerebral hematoma secondary to lightning stroke: case report and review of the literature. Stanley LD, et al. **Neurosurgery** 1985 May;16(5):686-8

Neurologic, psychiatric, and cardiovascular complications in children struck by lightning. Kotagal S, et al. **Pediatrics** 1982 Aug;70(2):190-2

Lightning cataracts. Shapiro MB. **Wis Med J** 1984 Dec; 83(12):23-4

[A fatal case of lightning striking] Tveterås K, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1858-9 (Eng. Abstr.) **(Dan)**

[Bilateral tympanic membrane perforation caused by a lightning accident] Brunner FX. **HNO** 1984 Oct; 32(10):429-30 (Eng. Abstr.) **(Ger)**

[Transient plethora after a lightning injury] Blokhin MP, et al. **Gematol Transfuziol** 1984 Aug;29(8):55-6 **(Rus)**

[Myocardial infarct after injury by lightening] Funiak S, et al. **Vnitr Lek** 1984 Nov;30(11):1118-21 (Eng. Abstr.) **(Slo)**

LIGNAC-FANCONI SYNDROME see **FANCONI SYNDROME**

LIGNIN

METABOLISM

Lignin: biosynthesis, application, and biodegradation. Janshekar H, et al. **Adv Biochem Eng Biotechnol** 1983; 27:119-78

Conference on lignocellulose biodegradation. Sept. 15-16, 1983, Littlehampton, West Sussex, UK. Abstracts. **Appl Biochem Biotechnol** 1984 Aug;9(4):307-420

Multiple molecular forms of diarylpropane oxygenase, an H2O2-requiring, lignin-degrading enzyme from Phanerochaete chrysosporium. Renganathan V, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):304-14

Lack of lignin degradation by glucose oxidase-negative mutants of Phanerochaete chrysosporium. Ramasamy K, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):436-41

Free hydroxyl radical is not involved in an important reaction of lignin degradation by Phanerochaete chrysosporium Burds. Kirk TK, et al. **Biochem J** 1985 Mar 1;226(2):455-60

Catabolism of arylglycerol-beta-aryl ethers lignin model compounds by Pseudomonas cepacia 122. Odier E, et al. **Biochimie** 1985 Feb;67(2):191-7

Phenotypic classes of phenoloxidase-negative mutants of the lignin-degrading fungus Phanerochaete chrysosporium. Liwicki R, et al. **J Bacteriol** 1985 May;162(2):641-4

Mechanism of oxidative C alpha-C beta cleavage of a lignin model dimer by Phanerochaete chrysosporium ligninase. Stoichiometry and involvement of free radicals. Hammel KE, et al. **J Biol Chem** 1985 Jul 15;260(14):8348-53

PHARMACODYNAMICS

The effects of the fiber components pectin, cellulose and lignin on serum cholesterol levels. Hillman LC, et al. **Am J Clin Nutr** 1985 Aug;42(2):207-13

LIGNOCAINE see **LIDOCAINE**

LIMBIC SYSTEM

Multimodal amnesic syndrome following bilateral temporal and basal forebrain damage. Damasio AR, et al. **Arch Neurol** 1985 Mar;42(3):252-9

Amnesia following basal forebrain lesions. Damasio AR, et al. **Arch Neurol** 1985 Mar;42(3):263-71

A syndrome resembling limbic encephalitis, associated with bronchial carcinoma, but without neuropathological abnormality: a case report. Delsedime M, et al. **J Neurol** 1984;231(3):165-6

Antiepileptic and antiamnesic effect of carbamazepine in experimental limbic epilepsy. Hawkins CA, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):459-68

Functional inhibition and release: unilateral tachistoscopic performance and stereoelectroencephalographic activity in a case with left limbic status epilepticus. Regard M, et al. **Neuropsychologia** 1985;23(4):575-81

Neurobehavioral toxicology of the organoleads. Walsh TJ, et al. **Neurotoxicology (Park Forest II)** 1984 Fall;5(3):67-86

ANALYSIS

Reduced cholecystokinin levels in the limbic lobe in schizophrenia. A marker for pathology underlying the defect state? Ferrier IN, et al. **Ann NY Acad Sci** 1985; 448:495-506

The development of the glucocorticoid receptor system in the rat limbic brain. I. Ontogeny and autoregulation. Meaney MJ, et al. **Brain Res** 1985 Feb;350(1-2):159-64

Biogenic amine alterations in limbic brain regions of muricidal rats. Broderick PA, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):3-15

[Homovanillic acid levels in corpus striatum, limbic system and diencephalon of male and female rats. Leret ML, et al. **Rev Esp Fisiol** 1984 Dec;40(4):489-92

[Biochemical analysis of neurotransmitters in temporal lobe and limbic system of post-mortem brains from schizophrenic patients] Toru M, et al. **Seishin Shinkeigaku Zasshi** 1984;86(10):827-40 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Relationship between prefrontal and limbic cortex: a comparative anatomical review. Reep R. **Brain Behav Evol** 1984;25(1):5-80 (308 ref.)

Tangential organization of olfactory, association, and commissural projections to olfactory cortex in a species of reptile (Trionyx spiniferus), bird (Aix sponsa), and mammal (Tupaia glis). Skeen LC, et al. **Brain Behav Evol** 1984;25(4):206-16

Evidence for a cortical projection to the magnocellular basal nucleus in the rat: an electron microscopic axonal transport study. Lemann W, et al. **Brain Res** 1985 May 20; 334(2):339-43

A light microscopic HRP study of limbic projections to the vasopressin-containing nuclear groups of the hypothalamus. Oldfield BJ, et al. **Brain Res Bull** 1985 Feb; 14(2):143-57

Cholinergic systems in the rat brain: I. projections to the limbic telencephalon. Woolf NJ, et al. **Brain Res Bull** 1984 Dec;13(6):751-84

Inputs from the olfactory bulb and olfactory cortex to the entorhinal cortex in the cat. I. Anatomical observations. Room P, et al. **Exp Brain Res** 1984;56(3):488-96

Anatomical evidence for medial pulvinar connections with the posterior cingulate cortex, the retrosplenial area, and the posterior parahippocampal gyrus in monkeys. Baleydier C, et al. **J Comp Neurol** 1985 Feb 8;232(2):219-28

Aging in the rat olfactory system: relative stability of piriform cortex contrasts with changes in olfactory bulb and olfactory epithelium. Curcio CA, et al. **J Comp Neurol** 1985 May 22;235(4):519-28

A combined electron microscopic HRP and immunocytochemical study of the limbic projections to rat hypothalamic nuclei containing vasopressin and oxytocin neurons. Oldfield BJ, et al. **J Comp Neurol** 1985 Jan 8; 231(2):221-31

Anterior thalamic afferents from the mamillary body and the limbic cortex in the rat. Seki M, et al. **J Comp Neurol** 1984 Oct 20;229(2):242-56

Localization of entorhinal cortex neurons projecting to the dorsal hippocampal formation--a stereotaxic tool in three dimensions. Pohle W, et al. **J Hirnforsch** 1984;25(6):661-9

A projection from the deep layers of the entorhinal area to the hippocampal formation in the rat brain. Köhler C. **Neurosci Lett** 1985 May 1;56(1):13-9

[Direct connections between the hippocampus and the retrosplenial cortex in the rat] Pakhomova AS, et al. **Neirofiziologiia** 1985;17(1):102-7 (Eng. Abstr.) **(Rus)**

CYTOLOGY

A serum-free culture of the neurons in the septal, preoptic, and hypothalamic region. Effects of triiodothyronine and estradiol. Akuzawa K, et al. **Endocrinol Jpn** 1985 Feb; 32(1):163-73

A mathematical model for the growth of dendritic trees. Ireland W, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):243-9

['Place cells' in the hypothalamus and limbic cortex of the rabbit] Shevchenko DG. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1170-3 **(Rus)**

DRUG EFFECTS

Effects of oxytocin and a derivative (Z-prolyl-D-leucine) on morphine tolerance/withdrawal are mediated by the limbic system. Kovács GL, et al. **Behav Brain Res** 1984 Oct;14(1):1-8

Excitatory and inhibitory effects of dopamine on synaptic transmission in the rat olfactory cortex slice. Collins GG, et al. **Brain Res** 1985 May 6;333(2):237-45

Frequency-related, bidirectional limbic responses to cocaine: comparisons with amphetamine and lidocaine. Lesse H, et al. **Brain Res** 1985 May 27;335(1):21-31

Receptor types mediating the excitatory actions of exogenous L-aspartate and L-glutamate in rat olfactory cortex. Surtees L, et al. **Brain Res** 1985 May 20;334(2):287-95

Seizures produced by pilocarpine in mice: a behavioral, electroencephalographic and morphological analysis. Turski WA, et al. **Brain Res** 1984 Nov 12;321(2):237-53

Morphine and specific changes in the sensitivity of noradrenergic receptors within the 'limbic' part of the feline caudate nucleus: a behaviour study. Cools AR. **Brain Res Bull** 1985 Mar;14(3):239-50

Regional effects of ethanol on limbic afterdischarge activity. Lesse H, et al. **Brain Res Bull** 1984 Oct;13(4):519-25

N-Methyl-D-aspartate and L-aspartate activate distinct receptors in piriform cortex. ffrench-Mullen JM, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):185-90

Effects of isomers of apomorphines on dopamine receptors in striatal and limbic tissue of rat brain. Kula NS, et al. **Life Sci** 1985 Sep 16;37(11):1051-7

Does phenobarbital protect against trimethyltin-induced neuropathology of limbic structures? Zimmer L, et al. **Life Sci** 1985 Mar 4;36(9):851-8

S(+)Apomorphines. Selective inhibition of excitatory effects of dopamine injected into the limbic system of the rat. Campbell A, et al. **Neuropharmacology** 1985 May; 24(5):391-9

Time-dependent effects of hippocampo-entorhinal atropine on passive avoidance learning in the young rat. Blozovski D, et al. **Neurosci Lett** 1984 Dec 21;52(3):293-8

Somatically recorded Ca-currents in guinea-pig hippocampal and olfactory cortex neurones are resistant to adenosine action. Halliwell JV, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):13-8

gamma-Aminobutyric acid partly mediates the pentobarbitone depression of synaptic excitation in the guinea-pig olfactory cortex in vitro. Steel L, et al. **Neurosci Lett** 1985 May 1;56(1):33-8

Limbic seizure and brain damage produced by kainic acid: mechanisms and relevance to human temporal lobe epilepsy. Ben-Ari Y. **Neuroscience** 1985 Feb;14(2):375-403 (200 ref.)

Lindane and limbic system excitability. Joy RM, et al. **Neurotoxicology** 1985 Summer;6(2):193-214

Time course of the effects of trimethyltin on limbic evoked potentials and distribution of tin in blood and brain in the rat. Hasan Z, et al. **Neurotoxicology (Park Forest Il)** 1984 Summer;5(2):217-44

Spike and wave complexes produced by four hallucinogenic compounds in the cat. Contreras CM, et al. **Physiol Behav** 1984 Dec;33(6):981-4

Some behavioral effects of microinjections of serotonin and noradrenaline into the limbic structures of the rat brain. Plaźnik A. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):541-54

Dopamine agonist action in mesolimbic, cortical and extrapyramidal areas to modify spontaneous climbing behaviour of the mouse. Costall B, et al. **Psychopharmacology (Berlin)** 1985;86(4):452-7

Chronic haloperidol during development attenuates dopamine autoreceptor function in striatal and mesolimbic brain regions of young and older adult rats. Scalzo FM, et al. **Psychopharmacology (Berlin)** 1985;85(3):271-6

[Characteristics of the oxytocin-reactive neurons of the limbic structures in the rat brain] Rasulov MM, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):32-6 (Eng. Abstr.) **(Rus)**

[Effect of diazepam on the formation and reproduction of conditioned cortical reactions in man] Kostandov EA, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):52-9 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Degree of hyperinnervation of area dentata by locus coeruleus in the presence of septum or entorhinal cortex as studied by sequential intraocular triple transplantation. Goldowitz D, et al. **Exp Brain Res** 1984;56(2):351-60

INJURIES

Effects of ganglioside treatments on lesion-induced behavioral impairments and sprouting in the CNS. Fass B, et al. **J Neurosci Res** 1984;12(2-3):445-58

Mossy fiber sprouting in the fascia dentata after unilateral entorhinal lesions: quantitative analysis using computer-assisted image processing. West JR, et al. **Neuroscience** 1984 Oct;13(2):377-84

METABOLISM

Further evidence for the existence of interactions between receptors for dopamine and neurotensin. Dopamine reduces the affinity and increases the number of [3H]-neurotensin binding sites in the subcortical limbic forebrain of the rat. Agnati LF, et al. **Acta Physiol Scand** 1985 May; 124(1):125-8

Effects of estradiol and prolactin on incertohypothalamic dopaminergic neurons in the male rat. Lookingland KJ, et al. **Brain Res** 1984 Dec 3;323(1):83-91

Metabolic and behavioral consequences of lidocaine-kindled seizures. Post RM, et al. **Brain Res** 1984 Dec 24; 324(2):295-303

Comparative localization of neurotensin receptors on nigrostriatal and mesolimbic dopaminergic terminals. Quirion R, et al. **Brain Res** 1985 Feb 18;327(1-2):385-9

Vasopressin cells in the bed nucleus of the stria terminalis of the rat: sex differences and the influence of androgens. van Leeuwen FW, et al. **Brain Res** 1985 Jan 28; 325(1-2):391-4

Sex differences in long-term gonadectomized rats: monoamine levels and [3H]nitroimipramine binding in brain nuclei. Renner KJ, et al. **Exp Brain Res** 1985;58(1):198-201

Effects of morphine on dopamine metabolism in rat striatum and limbic structures in relation to the activity of dopaminergic neurones. Moleman P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Sep; 327(3):208-13

Prodynorphin immunoreactivity is located in different neurons than proenkephalin immunoreactivity in the cerebral cortex of rats. McGinty JF. **Neuropeptides** 1985 Feb;5(4-6):465-8

Oxytocin affects utilization of noradrenaline in distinct limbic-forebrain regions of the rat brain. van Heuven-Nolsen D, et al. **Neuropharmacology** 1984 Dec; 23(12A):1373-7

Activation of dopamine synthesis in mesolimbic dopamine neurons by immobilization stress in the rat. Watanabe H. **Neuropharmacology** 1984 Nov;23(11):1335-8

Cortical serotonin-S2 receptor binding abnormalities in patients with Alzheimer's disease: comparisons with Parkinson's disease. Perry EK, et al. **Neurosci Lett** 1984 Oct 26;51(3):353-7

Maturation of kainic acid seizure-brain damage syndrome in the rat. III. Postnatal development of kainic acid binding sites in the limbic system. Berger ML, et al. **Neuroscience** 1984 Dec;13(4):1095-104

Mesolimbic and striatal dopamine receptor supersensitivity: prophylactic and reversal effects of L-prolyl-L-leucyl-glycinamide (PLG). Chiu P, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):179-83

[Changes in benzodiazepine receptors in the limbic system following kindling of the olfactory bulb in rats] Ben Attia M, et al. **C R Soc Biol (Paris)** 1984;178(6):697-704 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Basal ganglia and limbic system pathology in schizophrenia. A morphometric study of brain volume and shrinkage. Bogerts B, et al. **Arch Gen Psychiatry** 1985 Aug; 42(8):784-91

The limbic system and the localisation of herpes simplex encephalitis. Damasio AR, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):297-301

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 30-1985. A 52-year-old woman with a progressive neurologic disorder and a pelvic mass. **N Engl J Med** 1985 Jul 25;313(4):249-57

PHYSIOLOGY

Emotional behaviour and the limbic system. Gray JA. **Adv Psychosom Med** 1985;13:1-25 (56 ref.)

Sparing and recovery of spatial alternation performance after entorhinal cortex lesions in rats. Ramirez JJ, et al. **Behav Brain Res** 1984 Jul;13(1):53-61

Differential effects of prefrontal lesions and combined prefrontal and limbic lesions on subsequent learning performance in the cat. Irle E, et al. **Behav Neurosci** 1984 Oct;98(5):884-97

Late post-learning effect of entorhinal cortex electrical stimulation persists despite destruction of the perforant path. Gauthier M, et al. **Brain Res** 1984 Sep 17;310(1):174-9

The development of the glucocorticoid receptor system in the rat limbic brain. III. Negative-feedback regulation. Sapolsky RM, et al. **Brain Res** 1985 Feb;350(1-2):169-73

Reduced kainic acid binding in rat hippocampal formation after limbic kindling. Savage DD, et al. **Brain Res** 1984 Dec 3;323(1):128-31

Lateral hypothalamic relations with medial hypothalamus and limbic areas in geese. Felix B, et al. **Brain Res Bull** 1984 Oct;13(4):509-17

Forebrain structures regulating flight behavior in the cat. Shaikh MB, et al. **Brain Res Bull** 1985 Mar;14(3):217-21

Inputs from the olfactory bulb and olfactory cortex to the entorhinal cortex in the cat. II. Physiological studies. Boeijinga PH, et al. **Exp Brain Res** 1984;57(1):40-8

Combined lesions of septum, amygdala, hippocampus, anterior thalamus, mamillary bodies and cingulate and subicular cortex fail to impair the acquisition of complex learning tasks. Irle E. **Exp Brain Res** 1985;58(2):346-61

Dissociation between components of spatial memory in rats after recovery from the effects of retrohippocampal lesions. Schenk F, et al. **Exp Brain Res** 1985;58(1):11-28

Influence of lesions in the limbic-hypothalamic system on insulin responses to daily repeated cold exposures in rabbits. Seto K, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):71-80

Lateral entorhinal cortical kindling can be established without potentiation of the entorhinal-granule cell synapse. Giacchino JL, et al. **Exp Neurol** 1984 Dec;86(3):483-92

Establishment of status epilepticus by limbic system stimulation in previously unstimulated rats. Milgram NW, et al. **Exp Neurol** 1985 May;88(2):253-64

Lack of effect of entorhinal kindling on L-[3H]glutamic acid presynaptic uptake and postsynaptic binding in hippocampus. Slevin JT, et al. **Exp Neurol** 1985 Jul; 89(1):48-58

Visually driven units in the anterior limbic cortex of the cat. Stwertka SA. **Exp Neurol** 1985 Jul;89(1):269-73

The continuity of dopamine receptor antagonism can dictate the long-term behavioural consequences of a mesolimbic infusion of dopamine. Costall B, et al. **Neuropharmacology** 1985 Mar;24(3):193-7

Origin and plastic properties of late components evoked in the rat's but not in the armadillo's prepyriform cortex. Ferreyra Moyano H, et al. **Neurosci Lett** 1984 Dec 21; 52(3):305-10

Spontaneous inhibitory postsynaptic potentials in guinea pig neocortex and olfactory cortex neurones. Galvan M, et al. **Neurosci Lett** 1985 Jun 12;57(2):131-5

Sodium chloride intake following electrochemical stimulation of the frontal lobe cortex in the rat. Chiaraviglio E. **Physiol Behav** 1984 Oct;33(4):547-51

Head movements elicited by electrical stimulation of the anteromedial cortex of the rat. Sinnamon HM, et al. **Physiol Behav** 1984 Aug;33(2):185-90

Chronic neuroleptic treatment and mesolimbic dopamine denervation induce behavioural supersensitivity to opiates. Stinus L, et al. **Psychopharmacology (Berlin)** 1985; 85(3):323-8

Phasic activity of the basolateral amygdala, cingulate gyrus, and hippocampus during REM sleep in the cat. Calvo JM, et al. **Sleep** 1984;7(3):202-10

[Functional changes in the hypothalamic nuclei and limbic system structures during fasting and satiety in small ruminants] Bazanova NU, et al. **Fiziol Zh SSSR** 1985 Apr; 71(4):413-7 (Eng. Abstr.) **(Rus)**

[New electrophysiologic data on localizing visual representation in the limbic area of the neocortex] Karamian AI, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1256-64 (Eng. Abstr.) **(Rus)**

[Effect of the limbic cortex and hypothalamus on the activity of the medullary respiratory neurons] Nersesian LB. **Fiziol Zh SSSR** 1985 Mar;71(3):304-9 (Eng. Abstr.) **(Rus)**

[Background activity of neurons of the cortical portions of the limbic system of the rabbit brain] Stafekhina VS, et al. **Neirofiziologiia** 1984;16(6):753-60 (Eng. Abstr.) **(Rus)**

[Functional heterogeneity of the limbic structures of the brain in organizing feeding and defensive behaviors] Chaĭchenko GM. **Usp Fiziol Nauk** 1985 Jan-Mar;16(1):62-75 (105 ref.) **(Rus)**

PHYSIOPATHOLOGY

Possible changes in striatal and limbic cholinergic systems in schizophrenia. McGeer PL, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1319-23

Episodic behavioral disorders and limbic ictus. Monroe RR. **Compr Psychiatry** 1985 Sep-Oct;26(5):466-79

Prenatal and postnatal hypothyroidism abolishes lesion-induced noradrenergic sprouting in the adult rat. Gottesfeld Z, et al. **J Neurosci Res** 1985;14(1):61-9

Effects of morphine and naloxone on pilocarpine-induced convulsions in rats. Turski L, et al. **Neuropeptides** 1985 Feb;5(4-6):315-8

Specific stimulus-evoked violent action in psychotic trigger reaction: a seizure-like imbalance between frontal lobe and limbic systems? Pontius AA. **Percept Mot Skills** 1984 Aug; 59(1):299-333

Basic science and clinical aspects of procaine HCl as a limbic system excitant. Adamec RE, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):109-19

[Regional cerebral blood flow in limbic seizures induced by microinjection of kainic acid into amygdala in cats] Makino K, et al. **No To Shinkei** 1984 Jul;36(7):673-9 (Eng. Abstr.) **(Jpn)**

[Interrelation of heart rhythm disorders in acute myocardial ischemia with the activity of the limbic and noradrenergic systems] Pivovarov IuI, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):647-9 (Eng. Abstr.) **(Rus)**

[Limbic structures of the brain and the pathogenesis of neuroses] Simonov PV. **Zh Nevropatol Psikhiatr** 1984; 84(11):1665-70 (Eng. Abstr.) **(Rus)**

[Role of limbic-neocortical mechanisms in the formation of experimental alcoholism in the rat] Paĭkova LN. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):354-62 (Eng.

Abstr.) (Rus)

RADIOGRAPHY

X-ray localization of limbic structures in the cynomolgus monkey (Macaca fascicularis). Aggleton JP. **J Neurosci Methods** 1985 Jul;14(2):101-8

ULTRASTRUCTURE

Age-related fine structural changes in axons and synapses during deafferentation of the rat pyriform cortex: a possible basis for plasticity. Bakay RA, et al. **J Neurocytol** 1984 Oct;13(5):743-65

LIMBS see **EXTREMITIES**

LIMITATION OF ACTIVITY, CHRONIC see **ACTIVITIES OF DAILY LIVING**

LIMULUS see **HORSESHOE CRABS**

LIMULUS TEST

Endotoxin in middle ear effusions tested with Limulus assay. Iino Y, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug; 100(1-2):42-50

Ultrafiltration as a means to eliminate inhibition of the Limulus Amoebocyte Lysate (LAL) assay. Paulssen J, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):73-5

The Limulus Amoebocyte Lysate (LAL) assay for the detection of endotoxin in fat emulsions for total parenteral nutrition (TPN). Paulssen J, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):177-9

Comparison of several control standard endotoxins to the National Reference Standard Endotoxin--an HIMA collaborative study. Pearson FC, et al. **Appl Environ Microbiol** 1985 Jul;50(1):91-3

Characterization of Limulus amoebocyte lysate-reactive material from hollow-fiber dialyzers. Pearson FC, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1189-96

A new chromogenic endotoxin-specific assay using recombined limulus coagulation enzymes and its clinical applications. Obayashi T, et al. **Clin Chim Acta** 1985 Jun 30;149(1):55-65

The limulus lysate index: early predictor of fatal sepsis. Schreibman B, et al. **Curr Surg** 1985 Mar-Apr;42(2):119-21

A micromethod for endotoxin assay in human plasma using Limulus amoebocyte lysate and a chromogenic substrate. Piotrowicz BI, et al. **Eur J Clin Microbiol** 1985 Feb; 4(1):52-4

Interaction between limulus amoebocyte lysate and soluble antigens from Pseudomonas aeruginosa and Staphylococcus aureus studied by quantitative immunoelectrophoresis. Baek L, et al. **J Clin Microbiol** 1985 Aug;22(2):229-37

Lack of utility of a Limulus amoebocyte lysate assay in the diagnosis of urethral discharges in men. Judson FN, et al. **J Clin Microbiol** 1985 Feb;21(2):152-4

Chromogenic Limulus amoebocyte lysate assay for rapid detection of gram-negative bacteriuria. Nachum R, et al. **J Clin Microbiol** 1985 May;21(5):759-63

Turbidimetric method for quantifying serum inhibition of Limulus amoebocyte lysate. Novitsky TJ, et al. **J Clin Microbiol** 1985 Feb;21(2):211-6

Detection of endotoxin in the plasma of patients with gram-negative bacterial sepsis by the Limulus amoebocyte lysate assay. Pearson FC, et al. **J Clin Microbiol** 1985 Jun; 21(6):865-8

Improved utility of Gonoscreen, a Limulus amoebocyte lysate assay, in the evaluation of urethral discharges in men. Prior RB, et al. **J Clin Microbiol** 1985 Aug;22(2):141-4

Effect of anticoagulants on the chromogenic Limulus lysate assay for endotoxin. McConnell JS, et al. **J Clin Pathol** 1985 Apr;38(4):430-2

Observations on the measurement and evaluation of endotoxemia by a quantitative limulus lysate microassay. Cohen J, et al. **J Infect Dis** 1984 Dec;150(6):916-24

Detection of gram-negative bacteremia by limulus amebocyte lysate assay: evaluation in a rat model of peritonitis. du Moulin GC, et al. **J Infect Dis** 1985 Jan; 151(1):148-52

Endotoxin contamination of parenteral drugs and radiopharmaceuticals as determined by the limulus amebocyte lysate method. Twohy CW, et al. **J Parenter Sci Technol** 1984 Sep-Oct;38(5):190-201

Endotoxemia in intensive care patients: a longitudinal study with the limulus amebocyte lysate test. Fink PC, et al. **Klin Wochenschr** 1984 Oct 15;62(20):986-91

[Preliminary results of detecting endotoxin-like substances in Chlamydia trachomatis by the Limulus test] Yuan Y. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):66-70 (Eng. Abstr.) **(Chi)**

[Limulus test using a chromogenic method: application to the control of pyrogens in blood derivatives] Martel F, et al. **Rev Fr Transfus Immunohematol** 1985 Jun; 28(3):237-50 (Eng. Abstr.) **(Fre)**

[Pyrogens and the Limulus test] Scheer R. **Pharm Unserer Zeit** 1984 Sep;13(5):137-46 **(Ger)**

[Limulus test and microbial components] Fukushi K. **Rinsho Byori** 1985 Feb;33(2):115-9 **(Jpn)**

[Development of a new chromogenic Limulus test specific to endotoxin] Obayashi T, et al. **Rinsho Byori** 1985 Jun; 33(6):639-44 **(Jpn)**

INSTRUMENTATION

Automation of chromogenic substrate Limulus amebocyte lysate assay method for endotoxin by robotic system. Tsuji K, et al. **Appl Environ Microbiol** 1984 Sep;48(3):550-5

METHODS

Optimization of a chromogenic Limulus amebocyte lysate (LAL) assay for automated endotoxin detection. Bussey DM, et al. **J Parenter Sci Technol** 1984 Nov-Dec; 38(6):228-33

[Endotoxemia in various liver diseases and gram-negative septicemia using Limulus color test (LCT)] Yajima Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct; 81(10):2538-43 (Eng. Abstr.) **(Jpn)**

VETERINARY

Perchloric acid treatment and use of chromogenic substrate in the Limulus test: application to veterinary diagnosis. Hakogi E, et al. **Vet Microbiol** 1984 Dec;10(1):33-42

LINCOLNENSIN see **LINCOMYCIN**

LINCOMYCIN

ADMINISTRATION & DOSAGE

[Experimental study of lincomycin ointment and gel] Kagan EZ, et al. **Antibiotiki** 1984 Sep;29(9):645-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Erythema multiforme-like contact dermatitis from lincomycin. Conde-Salazar L, et al. **Contact Dermatitis** 1985 Jan;12(1):59-61

Lincomycin-associated enterocolitis in rabbits. Maiers JD, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):670-1

[Pseudomembranous colitis induced by clindamycin-lincomycin combination. Description of a clinical case] Cavanenghi D, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):343-5 (Eng. Abstr.) **(Ita)**

BIOSYNTHESIS

Temperature dependence of lincomycin production by thermoduric Streptomyces espinosus strains. Reusser F. **J Antibiot (Tokyo)** 1985 Jun;38(6):806-7

METABOLISM

Cellular uptake of clindamycin and lincomycin. Easmon CS, et al. **Br J Exp Pathol** 1984 Dec;65(6):725-30

[Study of lincomycin concentrations in hepatocystic duct] Ishikawa T, et al. **Jpn J Antibiot** 1984 Oct;37(10):1766-72 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Binding of lincomycin to immunoglobulins has no effect on their antigen-binding capacity. Barcs I, et al. **Acta Microbiol Hung** 1985;32(1):107-11

Enhancement of polymorphonuclear leukocyte function against gram-positive aerobic organisms grown in the presence of lincomycin. Bassaris HP, et al. **Infection** 1984 Nov-Dec;12(6):369-71

[Antibacterial activity of clindamycin and lincomycin in broth, serum, and in combination with polymorphonuclear leukocytes against Staphylococcus aureus and Staphylococcus epidermidis] Bassler M, et al. **Infection** 1984 Jul-Aug;12(4):280-5 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Possible role of lincomycin-therapy in the genetic alteration of a staphylococcus epidemic population. Barcs I, et al. **Acta Microbiol Hung** 1984;31(3):173-8

Evaluation of lincomycin as a cholesterol gallstone dissolution rate accelerator. Rush BD, et al. **J Pharm Sci** 1985 Jun;74(6):621-4

[Efficacy of an antimicrobial drug in the experimental model of intracutaneous infection in the guinea-pig caused by Bacteroides fragilis] Nasu M, et al. **Kansenshogaku Zasshi** 1984 May;58(5):385-92 (Eng. Abstr.) **(Jpn)**

LINDANE see **BENZENE HEXACHLORIDE**

LINEAR ACCELERATORS see **PARTICLE ACCELERATORS**

LINENS see **BEDDING AND LINENS**

LINGUAL BONE see **HYOID BONE**

LINGUAL FRENUM

ABNORMALITIES

Assessment of lingual function when ankyloglossia (tongue-tie) is suspected. Williams WN, et al. **J Am Dent Assoc** 1985 Mar;110(3):353-6

LINGUAL NERVE see under **MANDIBULAR NERVE**

LINGUISTICS

The effects of context on deaf students' comprehension of difficult sentences. Nolen SB, et al. **Am Ann Deaf** 1985 Jul;130(3):231-5

Isolation by distance, linguistic similarity, and the genetic structure on Bougainville Island. Relethford JH. **Am J Phys Anthropol** 1985 Mar;66(3):317-26

The reading of content and noncontent words by dyslexics. Blank M, et al. **Ann NY Acad Sci** 1984;433:59-69

The recognition of tachistoscopically presented words, varying in imagery, part of speech and word frequency, in the left and right visual fields. Jackman MK. **Br J Psychol** 1985 Feb;76 (Pt 1):59-74

A theory of verb form use in the speech of agrammatic aphasics. Lapointe SG. **Brain Lang** 1985 Jan;24(1):100-55

Strategy and impairment in sentence understanding by Broca's and Wernicke's aphasics. Kolk HH, et al. **Cortex** 1985 Mar;21(1):47-67

Syllabic stress (trochaic vs. spondaic) and speech thresholds in normal and hearing-impaired children. Martin FN, et al. **J Aud Res** 1983 Apr;23(2):127-30

A word-ordering test to differentiate between aphasia and schizophrenia. Dewolfe AS, et al. **J Commun Disord** 1985 Feb;18(1):49-58

Message disruptions during syntactic processing in schizophrenia. Hoffman RE, et al. **J Commun Disord** 1985 Jun;18(3):183-202

The role of context in facilitating syntactic decoding in aphasia. Pierce RS, et al. **J Commun Disord** 1985 Jun; 18(3):203-13

Using the miniature linguistic system in teaching syntax: two case studies. Bunce BH, et al. **J Speech Hear Disord** 1985 Aug;50(3):247-53

Effects of modeling and corrected practice on generative language learning of preschool children. Goldstein H. **J Speech Hear Disord** 1984 Nov;49(4):389-98

Word, syllable, and sound awareness in language-disordered children. Kamhi AG, et al. **J Speech Hear Disord** 1985 May;50(2):207-12

Morphologic analysis of compound words. Wingert F. **Methods Inf Med** 1985 Jul;24(3):155-62

The pragmatics of language: theoretical and applied issues. Prutting CA. **S Afr J Commun Disord** 1984;31:3-5

[Use of linguistics in rehabilitation of aphasia] Lehečková H. **Cesk Otolaryngol** 1985 Mar;34(2):116-20 (Eng. Abstr.) **(Cze)**

[Syntactic and semantic elements of sign language] Angles Rodriguez Gonzales M. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):331-5 (Eng. Abstr.) **(Fre)**

[Anglicisms in the German medical vocabulary] Schleyer F. **Tierarztl Prax** 1985;13(2):267-70 (Eng. Abstr.) **(Ger)**

[Anarchy in orthography in Hungarian literature (letter)] **Orv Hetil** 1985 May 12;126(19):1191 **(Hun)**

HISTORY

Normativity in 18th century discourse on speech. MacNamee T. **J Commun Disord** 1984 Nov;17(6):407-23

Historical note on the development of possessive pronouns [letter] Rudmin F. **J Speech Hear Disord** 1985 Aug; 50(3):298-9

LINITIS PLASTICA see under **CARCINOMA, SCIRRHOUS**

LINKAGE (GENETICS)

Macromelanosomes in X-linked ocular albinism (XLOA). Yoshiike T, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):66-9

Analysis of linkage between HLA haplotype and susceptibility to Graves' disease in multiple-case Chinese families in Hong Kong. Hawkins BR, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):66-9

Linkage between X-chromosome markers and manic-depressive illness. Two Sardinian pedigrees. Del Zompo M, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):282-7

Genetic control of immune response to the L-Glu, L-Lys, L-Phe terpolymer in man. Chan MM, et al. **Am J Hum Genet** 1985 May;37(3):561-70

The use of multiple restriction fragment length polymorphisms in prenatal risk estimation. I. X-linked diseases. Clark AG. **Am J Hum Genet** 1985 Jan;37(1):60-72

HLA-associated diseases: a new method for performing linkage analysis with other markers than HLA. Clerget-Darpoux F, et al. **Am J Hum Genet** 1984 Sep; 36(5):1075-81

Localization of DNA sequences in region Xp21 of the human X chromosome: search for molecular markers close to the Duchenne muscular dystrophy locus. de Martinville B, et al. **Am J Hum Genet** 1985 Mar;37(2):235-49

Detection of genetic heterogeneity between families of insulin-dependent diabetes mellitus patients using linkage analysis. Harris EL, et al. **Am J Hum Genet** 1985 Jan; 37(1):102-13

Multilocus linkage analysis in humans: detection of linkage and estimation of recombination. Lathrop GM, et al. **Am J Hum Genet** 1985 May;37(3):482–98

Genetic mapping of DNA segments relative to the locus for the fragile-X syndrome at Xq27.3. Mulligan LM, et al. **Am J Hum Genet** 1985 May;37(3):463–72

Choroideremia is linked to the restriction fragment length polymorphism DXYS1 at XQ13–21. Nussbaum RL, et al. **Am J Hum Genet** 1985 May;37(3):473–81

Mapping of X-linked Becker muscular dystrophy through crossovers identified by DNA polymorphisms and by haplotype characterization in somatic cell hybrids. Roncuzzi L, et al. **Am J Hum Genet** 1985 Mar;37(2):407–17

Linkage between the genes for Wolfram syndrome and brachydactyly E [letter] Bale AE, et al. **Am J Med Genet** 1985 Apr;20(4):733–4

Close genetic linkage between HLA and renal glycosuria. De Marchi S, et al. **Am J Nephrol** 1984;4(5):280–6

Linkage between the X-linked retinitis pigmentosa locus and the L1.28 locus. Mukai S, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):225–9

Genetic linkage in bipolar illness [letter] Mendlewicz J. **Am J Psychiatry** 1985 Apr;142(4):520

Linkage of genes for heat-stable enterotoxin, drug resistance, K99 antigen, and colicin in bovine and porcine strains of enterotoxigenic Escherichia coli. Harnett NM, et al. **Am J Vet Res** 1985 Feb;46(2):428–33

SLA haplotype differences in lines of pigs which differ in ovulation rate. Rothschild MF, et al. **Anim Blood Groups Biochem Genet** 1984;15(2):155–8

On the lod score method in linkage analysis. Chotai J. **Ann Hum Genet** 1984 Oct;48 (Pt 4):359–78

Family data on sixteen chromosome 1 loci. Robson EB, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):347–58

A computer program for constructing a maximum-likelihood map from linkage data and its application to human chromosome 1. Wedd N. **Ann Hum Genet** 1984 Oct;48 (Pt 4):333–45

Isolation of streptomycin-nonproducing mutants deficient in biosynthesis of the streptidine moiety or linkage between streptidine 6-phosphate and dihydrostreptose. Ohnuki T, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):367–74

Accuracy of detection of the retinoblastoma gene by esterase D linkage. Halloran SL, et al. **Arch Ophthalmol** 1985 Sep;103(9):1329–31

The use of polymorphic DNA and protein markers for the third complement component for determining linkage of familial hypercholesterolaemia. Humphries SE, et al. **Atherosclerosis** 1984 Sep;52(3):267–78

No evidence for sex-linked or sex-limited gene expression influencing spatial orientation. Jardine R, et al. **Behav Genet** 1984 Jul;14(4):345–54

Localization of the gene for the vitamin B12 binding protein, transcobalamin II, near the centromere on mouse chromosome 11, linked with the hemoglobin alpha-chain locus. Fràter-Schröder M, et al. **Biochem Genet** 1985 Feb;23(1-2):139–53

Aldehyde reductase isozymes in the mouse: evidence for two new loci and localization of Ahr-3 on chromosome 7. Mather PB, et al. **Biochem Genet** 1985 Jun;23(5-6):483–96

Myosin light chain-1: genetic analysis of three variants found in fast white chicken muscle and investigation of linkage with the muscular dystrophy gene. Rushbrook JI, et al. **Biochem Genet** 1985 Feb;23(1-2):17–27

Linkage studies on alpha-glycerophosphate and isocitrate dehydrogenases in Aedes albopictus (Diptera: Culicidae). Tadano T. **Biochem Genet** 1984 Aug;22(7-8):587–95

Distorted segregation and linkage of alcohol dehydrogenase genes in Camellia japonica L. (Theaceae). Wendel JF, et al. **Biochem Genet** 1984 Aug;22(7-8):739–48

Cloning within the unc-43 to unc-31 interval (linkage group IV) of the Caenorhabditis elegans genome using Tc1 linkage selection. Baillie DL, et al. **Can J Genet Cytol** 1985 Aug;27(4):457–66

Genetic linkage but independent expression of functional HSV-1 tk and mammalian aprt genes after cotransfer to L cells. Block T, et al. **Can J Microbiol** 1985 Apr;31(4):311–6

Oncogenes and linkage groups: conservation during mammalian chromosome evolution. Stallings RL, et al. **Chromosoma** 1985;92(2):156–63

DNA polymorphism of the RC8 probe on the X-chromosome. Identification of a new DNA variant with the TaqI enzyme. Børresen AL, et al. **Clin Genet** 1985 Apr;27(4):411–3

Cystic fibrosis; hint of linkage with F13B. Eiberg H, et al. **Clin Genet** 1985 Feb;27(2):206

Norrie's disease: close linkage with genetic markers from the proximal short arm of the X chromosome. Gal A, et al. **Clin Genet** 1985 Mar;27(3):282–3

Measuring the genetic contribution of a single locus to a multilocus disease. Rotter JI, et al. **Clin Genet** 1984 Dec;26(6):529–42

A topological treatment of recombination and topoisomerases. Cozzarelli NR, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:383–400

An algorithm to improve the computational efficiency of genetic linkage analysis. Braverman MS. **Comput Biomed Res** 1985 Feb;18(1):24–36

Combined analysis of genetic segregation and linkage under an oligogenic model. MacLean CJ, et al. **Comput Biomed Res** 1984 Oct;17(5):471–80

Linkage relationships of the gene for the beta subunit of nerve growth factor (NGFB) with other chromosome 1 marker loci. Darby JK, et al. **Cytogenet Cell Genet** 1985;39(2):158–60

Localization of glucose-6-phosphate dehydrogenase in mouse and man by in situ hybridization: evidence for a single locus and transposition of homologous X-linked genes. Martin-DeLeon PA, et al. **Cytogenet Cell Genet** 1985;39(2):87–92

Modulation of linker histones during development in Tetrahymena: selective elimination of linker histone during the differentiation of new macronuclei. Chicoine LG, et al. **Dev Biol** 1985 May;109(1):1–8

Hyperproinsulinemia in a family with a proposed defect in conversion is linked to the insulin gene. Elbein SC, et al. **Diabetes** 1985 Aug;34(8):821–4

Type 1 (insulin-dependent) diabetes and a highly variable locus close to the insulin gene on chromosome 11. Hitman GA, et al. **Diabetologia** 1985 Apr;28(4):218–22

The glyceraldehyde 3 phosphate dehydrogenase gene family: structure of a human cDNA and of an X chromosome linked pseudogene; amazing complexity of the gene family in mouse. Hanauer A, et al. **EMBO J** 1984 Nov;3(11):2627–33

Characterization of two Phaseolus vulgaris phytohemagglutinin genes closely linked on the chromosome. Hoffman LM, et al. **EMBO J** 1985 Apr;4(4):883–9

The Y-linked testis determining gene and H-Y plasma membrane antigen gene: are they one and the same? Ohno S. **Endocr Rev** 1985 Summer;6(3):421–31 (60 ref.)

Total deletion of yeast LEU4: further evidence for a second alpha-isopropylmalate synthase and evidence for tight LEU4-MET4 linkage. Chang LF, et al. **Gene** 1985;33(3):333–9

Construction of a human X-chromosome-enriched phage library which facilitates analysis of specific loci. Kunkel LM, et al. **Gene** 1985;33(3):251–8

Recombination between the t6 complex and linked loci in the house mouse. Nadeau JH, et al. **Genet Res** 1985 Jun;45(3):251–64

Additive by additive variance with inbreeding and linkage. Cockerham CC. **Genetics** 1984 Oct;108(2):487–500

The sampling distribution of linkage disequilibrium. Golding GB. **Genetics** 1984 Sep;108(1):257–74

The sampling distribution of linkage disequilibrium under an infinite allele model without selection. Hudson RR. **Genetics** 1985 Mar;109(3):611–31

Coupled instability of two X-linked genes in Drosophila mauritiana: germinal and somatic mutability. Jacobson JW, et al. **Genetics** 1985 Sep;111(1):57–65

The affected sib method. I. Statistical features of the affected sib-pair method. Motro U, et al. **Genetics** 1985 Jul;110(3):525–38

The locus encoding alpha A-crystallin is closely linked to H-2K on mouse chromosome 17. Skow LC, et al. **Genetics** 1985 Aug;110(4):723–32

Linkage data excluding a locus for multiple endocrine neoplasia type 2 syndromes from the distal part of the short arm of chromosome 11. Kidd KK, et al. **Henry Ford Hosp Med J** 1984;32(4):262–5

Two subtypes of BfF by isoelectrofocusing: differential linkage to other HLA markers. Abbal M, et al. **Hum Genet** 1985;69(2):181–3

First trimester prenatal diagnosis of adrenoleukodystrophy by determination of very long chain fatty acid levels and by linkage analysis to a DNA probe. Boué J, et al. **Hum Genet** 1985;69(3):272–4

Localisation of genetic markers and orientation of the linkage group on chromosome 19. Brook JD, et al. **Hum Genet** 1984;68(4):282–5

Genetic linkage relationships of seven DNA probes with Duchenne and Becker muscular dystrophy. Brown CS, et al. **Hum Genet** 1985;71(1):62–74

Genetic linkage heterogeneity in the fragile X syndrome. Brown WT, et al. **Hum Genet** 1985;71(1):11–8

Linkage studies of X-linked mental retardation: high frequency of recombination in the telomeric region of the human X chromosome (fragile site/linkage/recombination/X chromosome). Davies KE, et al. **Hum Genet** 1985;70(3):249–55

Linkage relationships of the gene for apolipoprotein CII with loci on chromosome 19. Donald JA, et al. **Hum Genet** 1985;69(1):39–43

Definitive localization of Becker muscular dystrophy in Xp by linkage to a cluster of DNA polymorphisms (DXS43 and DXS9). Fadda S, et al. **Hum Genet** 1985;71(1):33–6

X-linked dominant Charcot-Marie-Tooth disease: suggestion of linkage with a cloned DNA sequence from the proximal Xq. Gal A, et al. **Hum Genet** 1985;70(1):38–42

Lyonization and the lines of Blaschko. Happle R. **Hum Genet** 1985;70(3):200–6 (55 ref.)

Gene localisation of the PGM1 enzyme system and the Duffy blood groups on chromosome No. 1 by means of a new fragile site at 1p31. Herbich J, et al. **Hum Genet** 1985;70(2):178–80

Isolation of probes detecting restriction fragment length polymorphisms from X chromosome-specific libraries: potential use for diagnosis of Duchenne muscular dystrophy. Hofker MH, et al. **Hum Genet** 1985;70(2):148–56

Linkage between the loci for mitochondrial malic enzyme (ME2) and coagulation factor XIIIA subunit (F13A). Kömpf J, et al. **Hum Genet** 1985;70(1):43–4

Familial benign hypercalcaemia (FBH; McK. No. 14598, 1983): linkage studies in a large Dutch family. Menko FH, et al. **Hum Genet** 1984;67(4):452–4

X-linked agammaglobulinemia and the red blood cell determinants Xg and 12E7 are not closely linked. Mensink EJ, et al. **Hum Genet** 1984;68(4):303–9

Genetic polymorphism of human factor I (C3b inactivator). Nakamura S, et al. **Hum Genet** 1985;71(1):45–8

Mapping X-linked ophthalmic diseases: II. Linkage relationship of X-linked retinitis pigmentosa to X chromosomal short arm markers. Nussbaum RL, et al. **Hum Genet** 1985;70(1):45–50

Immunofixation for C2 typing: C2 allotypes in Spaniards in relation to HLA, Bf and C4. Regueiro JR, et al. **Hum Genet** 1985;71(1):58–61

Linkage studies between polymorphic markers on chromosome 4 and cystic fibrosis. Scambler P, et al. **Hum Genet** 1985;69(3):250–4

Recurrent mutation pressure does not explain the prevalence of the marker (X) syndrome. Vogel F, et al. **Hum Genet** 1985;71(1):1–6

The isolation of a genomic clone containing the apolipoprotein CII gene and the detection of linkage disequilibrium between two common DNA polymorphisms around the gene. Wallis SC, et al. **Hum Genet** 1984;68(4):286–9

Linkage and recombination between fragile X-linked mental retardation and the factor IX gene. Warren ST, et al. **Hum Genet** 1985;69(1):44–6

Multipoint linkage analysis of the short arm of the human X chromosome in families with X-linked muscular dystrophy. Wilcox DE, et al. **Hum Genet** 1985;70(4):365–75

The use of incompletely linked markers in genetic counseling: accuracy versus linkage. Asmussen MA. **Hum Hered** 1985;35(2):73–88

How polymorphic are class II loci of the mouse H-2 complex? Bukara M, et al. **Immunogenetics** 1985;21(6):569–79

DNA polymorphism of the major histocompatibility class I genes and their association with serologically defined haplotypes. Driesel AJ, et al. **Immunogenetics** 1985;21(6):529–38

Close linkage between mouse genes determining the two forms of complement component C6 and component C7, and cis action of a C6 regulatory gene. Orren A, et al. **Immunogenetics** 1985;21(6):591–9

Linkage of genes for laminin B1 and B2 subunits on chromosome 1 in mouse. Elliott RW, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):477–84

Corneal changes in X-linked ichthyosis. Grala PE. **J Am Optom Assoc** 1985 Apr;56(4):315–7

Genetic locus (stmF) associated with cyclic GMP phosphodiesterase activity in Dictyostelium discoideum maps in linkage group II. Coukell MB, et al. **J Bacteriol** 1985 Apr;162(1):427–9

The human vasopressin gene is linked to the oxytocin gene and is selectively expressed in a cultured lung cancer cell line. Sausville E, et al. **J Biol Chem** 1985 Aug 25;260(18):10236–41

Human genes for three complement components that regulate the activation of C3 are tightly linked. Rodriguez de Cordoba S, et al. **J Exp Med** 1985 May 1;161(5):1189–95

Linkage of loci affecting a murine liver protein and arylsulfatase B to chromosome 13. Elliott RW, et al. **J Hered** 1985 Jul–Aug;76(4):243–6

Four new mutations and a linkage map of species A of Anopheles culicifacies. Sakai RK, et al. **J Hered** 1985 Mar–Apr;76(2):140–1

A symmetric two locus model with viability and fertility selection. Liberman U, et al. **J Math Biol** 1985;22(1):31–60

A linkage study between HLA and cutaneous malignant melanoma or precursor lesions or both. Demenais F, et al. **J Med Genet** 1984 Dec;21(6):429–35

Mouse alpha-amylase loci, Amy-1a and Amy-2a, are closely linked. Pittet AC, et al. **J Mol Biol** 1985 Apr 5;182(3):359–65

Recombinant DNA approach to X-linked mental retardation. Sparkman DR. **J Neurogenet** 1984 Sep;1(3):199–211 (114 ref.)

Neonatal myotubular myopathy with a probable X-linked inheritance: observations on a new family with a review of the literature. Bruyland M, et al. **J Neurol** 1984;231(4):220–2

Linkage studies in autosomal dominant facioscapulohumeral muscular dystrophy. Padberg G, et al. **J Neurol Sci** 1984 Sep;65(3):261–8

A defective ecotropic provirus closely linked to the albino locus. Silver J. **J Virol** 1985 Aug;55(2):494–6

Fuzzy: a genetic marker for warfarin resistance in the Norway rat. Greaves JH, et al. **Lab Anim** 1985 Apr;19(2):145–7

Meiotic pairing behavior of two free duplications of linkage group I in Caenorhabditis elegans. Rose AM, et al. **MGG** 1984;195(1-2):52–6

Revised genetic linkage map of Bacillus subtilis. Piggot PJ, et al. **Microbiol Rev** 1985 Jun;49(2):158–79 (337 ref.)

Regulation, linkage, and sequence of mouse metallothionein I and II genes. Searle PF, et al. **Mol Cell Biol** 1984 Jul;4(7):1221–30

Genetic screening for hemophilia A (classic hemophilia) with a polymorphic DNA probe. Oberle I, et al. **N Engl J Med** 1985 Mar 14;312(11):682–6

Two steroid 21-hydroxylase genes are located in the murine S region. White PC, et al. **Nature** 1984 Nov 29-Dec 5; 312(5993):465-7

Genetic linkage analysis in primary torsion dystonia. Bressman SB, et al. **Neurology** 1984 Nov;34(11):1490-3

Mapping X-linked ophthalmic diseases. Provisional assignment of the locus for choroideremia to Xq13-q24. Lewis RA, et al. **Ophthalmology** 1985 Jun;92(6):800-6

Patterns of polymorphism and linkage disequilibrium suggest independent origins of the human growth hormone gene cluster. Chakravarti A, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6085-9

Polymorphisms of a human variable heavy chain gene show linkage with constant heavy chain genes. Johnson MJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7840-4

Structure linkage, and sequence of the two genes encoding the delta and gamma subunits of the nicotinic acetylcholine receptor. Nef P, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7975-9

Close linkage of alpha and beta interferons and infrequent duplication of beta interferon in humans. Ohlsson M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4473-6

Evidence for linkage between the loci coding for the binding protein for the fourth component of human complement (C4BP) and for the C3b/C4b receptor. Rodriguez de Cordoba S, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(24):7890-2

HLA-linked congenital adrenal hyperplasia results from a defective gene encoding a cytochrome P-450 specific for steroid 21-hydroxylation. White PC, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7505-9

The I region of the C57BL/10 mouse: characterization and physical linkage to H-2K of an SB beta-like class II pseudogene, psi A beta 3. Widera G, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5500-4

Huntingtons disease: linkage with G8 on chromosome 4 and its consequences. Conneally PM, et al **Prog Clin Biol Res** 1985;177:53-60

Third order linkage disequilibrium. Thomson G, et al. **Tissue Antigens** 1984 Oct;24(4):250-5

[Chromosomal nonlinkage of 2 genes of the family mos in man] Berdichevskiĭ FB, et al. **Dokl Akad Nauk SSSR** 1984; 279(3):748-50 **(Rus)**

[Linkage relationship among loci determining genetic variants of serum and milk proteins in cattle] Nikiforov VS, et al. **Genetika** 1985 May;21(5):839-44 (Eng. Abstr.) **(Rus)**

LINOLEIC ACIDS

A nitrosating agent from the reaction of atmospheric nitrogen dioxide (NO2) with methyl linoleate: comparison with a product from the skins of NO2-exposed mice. Mirvish SS, et al. **IARC Sci Publ** 1984;(57):283-9

[Inhibitory effects of methanol extracts of crude drugs on the air oxidation of linoleic acid] Toda S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):394-7 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Influence of different supplements of N-3 polyunsaturated fatty acids on blood and tissue lipids in rats receiving high intakes of linoleic acid. Roshanai F, et al. **Ann Nutr Metab** 1985;29(3):189-96

Dissociation of effects of dietary fatty acids on blood pressure and prostanoid metabolism in Goldblatt hypertensive rats. Codde JP, et al. **J Hypertens** 1984 Feb;2(1):65-71

Promotion of the selective lymphatic delivery of cyclosporin A by lipid-surfactant mixed micelles. Takada K, et al. **J Pharmacobiodyn** 1985 Apr;8(4):320-3

Potentiation of antitumor effect of bleomycin by lipid-surfactant mixed micelles. I. In vivo and tumor-neutralizing activity against mouse Ehrlich ascites tumor and rat ascites hepatoma AH66. Yoshikawa H, et al. **J Pharmacobiodyn** 1985 Apr;8(4):305-10

ADVERSE EFFECTS

The combined role of atheroma, cholesterol, platelets, the endothelium and fibrin in heart attacks and strokes. Martin W. **Med Hypotheses** 1984 Nov;15(3):305-22

ANALYSIS

Identification, isolation and characterization of epidermal lipids containing linoleic acid. Bowser PA, et al. **Biochim Biophys Acta** 1985 May 17;834(3):419-28

Relation of changes in dietary fatty acid to alterations in linoleic acid content of human cheek cell phospholipids. **Nutr Rev** 1984 Nov;42(11):376-7

BIOSYNTHESIS

Effect of dietary fats on arachidonic acid and eicosapentaenoic acid biosynthesis and conversion to C22 fatty acids in isolated rat liver cells. Hagve TA, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):205-17

Metabolism of eicosapentaenoic acid by aorta: formation of a novel 13-hydroxylated prostaglandin. Powell WS, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):201-11

BLOOD

Serum linoleic acid and cardiovascular death in postinfarction middle-aged men. Válek J, et al. **Atherosclerosis** 1985 Jan; 54(1):111-8

Platelet fatty acid composition in relation to fatty acid composition in plasma and to serum lipoprotein lipids in healthy subjects with special reference to the linoleic acid pathway. Boberg M, et al. **Clin Sci** 1985 May;68(5):581-7

Identification of linoleic and oleic acids as endogenous Na+,K+-ATPase inhibitors from acute volume-expanded hog plasma. Tamura M, et al. **J Biol Chem** 1985 Aug 15; 260(17):9672-7

An altered ratio of 18:2 (9,11) to 18:2 (9,12) linoleic acid in plasma phospholipids as a possible predictor of pre-eclampsia. Erskine KJ, et al. **Lancet** 1985 Mar 9; 1(8428):554-5

Increased free-radical activity in alcoholics. Fink R, et al. **Lancet** 1985 Aug 10;2(8450):291-4

Clinical application of the new HPLC method for fatty acid analysis. (2) Effects of a fat emulsion on fatty acid compositions in postoperative period with special reference to C18:1-isomer. Sato T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):395-414

[Linoleic acid in patients with ischemic heart disease] Válek J, et al. **Vnitr Lek** 1984 Sep;30(9):855-61 (Eng. Abstr.) **(Cze)**

DEFICIENCY

Further studies on the mechanism of increased blood pressure during dietary linoleic acid deprivation. Düsing R, et al. **Ann Clin Res** 1984;16 Suppl 43:103-8

METABOLISM

Desaturation of 14C linoleic acid by the rat fetus. Pascaud M, et al. **Ann Nutr Metab** 1985;29(1):63-4

Inability of skin enzyme preparations to biosynthesize arachidonic acid from linoleic acid. Chapkin RS, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):784-92

Synthesis of chain elongation-desaturation products of linoleic acid by liver and brain microsomes during development of the pig. Clandinin MT, et al. **Biochem J** 1985 Feb 15;226(1):305-9

Metabolism of linoleic acid and other essential fatty acids in the epidermis of the rat. Nugteren DH, et al. **Biochim Biophys Acta** 1985 May 17;834(3):429-36

Alterations of linoleic, arachidonic and eicosapentaenoic acids in renal cortex and medulla of SHR during the onset of hypertension. Singer P, et al. **Biomed Biochim Acta** 1984; 43(8-9):S247-50

Conversion of linoleic acid hydroperoxide to hydroxy, keto, epoxyhydroxy, and trihydroxy fatty acids by hematin. Dix TA, et al. **J Biol Chem** 1985 May 10;260(9):5351-7

Release of prostaglandins and monohydroxy and trihydroxy metabolites of linoleic and arachidonic acids by adult and fetal aortae and ductus arteriosus. Funk CD, et al. **J Biol Chem** 1985 Jun 25;260(12):7481-8

Mitoxantrone and ametantrone inhibit hydroperoxide-dependent initiation and propagation reactions in fatty acid peroxidation. Kharasch ED, et al. **J Biol Chem** 1985 Sep 5;260(19):10645-52

Effect of phytyl side chain of vitamin E on its antioxidant activity. Niki E, et al. **J Biol Chem** 1985 Feb 25; 260(4):2191-6

Absorption of 13C-labeled stearic, oleic, and linoleic acids in humans: application to breath tests. Jones PJ, et al **J Lab Clin Med** 1985 Jun;105(6):647-52

Accumulation of linoleic and gamma-linolenic acids in tissue lipids of pyridoxine-deficient rats. Cunnane SC, et al. **J Nutr** 1984 Oct;114(10):1754-61

Linoleic acid absorption from lipid supplements in patients with cystic fibrosis with pancreatic insufficiency and in control subjects. McKenna MC, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):45-51

Adipose tissue fatty acids and CHD [letter] Wood DA, et al. **Lancet** 1984 Oct 6;2(8406):807

Moderate changes in linoleate intake do not influence the systemic production of E prostaglandins. Ferretti A, et al. **Lipids** 1985 May;20(5):268-72

Uptake of secondary autoxidation products of linoleic acid by the rat. Kanazawa K, et al. **Lipids** 1985 Jul;20(7):412-9

Prostaglandin formation and platelet aggregation during fasting and linoleic acid intake. Adam O, et al. **Res Exp Med (Berl)** 1985;185(2):169-72

[In vitro study of delta 6- and delta 5-desaturations of linoleic and dihomo-gamma-linolenic acids during the development of arterial hypertension as a function of age in spontaneously hypertensive rats (SHR) as compared to normotensive rats (WKY)] Narce M, et al. **C R Soc Biol (Paris)** 1984;178(4):458-66 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Effect of different linoleic acid intakes on prostaglandin biosynthesis and kidney function in man. Adam O, et al. **Am J Clin Nutr** 1984 Oct;40(4):763-70

Evidence for generation of leukotriene B4 in human polymorphonuclear leukocytes treated with linoleylanilide. Garcia Gil M, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3303-6

Chronobiologic and metabolic characterization of rats fed low or high linoleic acid diets. Balschun D, et al. **Biomed Biochim Acta** 1984;43(8-9):S231-4

Interaction of fusogen substances with the erythrocyte membrane. Pratsch L, et al. **Biomed Biochim Acta** 1984; 43(6):S85-7

Decrease of arachidonic acid in phosphatidylcholine from renal medulla of SHR after feeding a linoleic and linolenic acid-rich diet. Wirth M, et al. **Biomed Biochim Acta** 1984; 43(8-9):S239-41

The effect of dietary supplementation with linoleic and gammalinolenic acids on the pressor response to angiotensin II--a possible role in pregnancy-induced hypertension? O'Brien PM, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):335-42

In vivo stimulation of DNA synthesis and induction of ornithine decarboxylase in rat colon by fatty acid hydroperoxides, autoxidation products of unsaturated fatty acids. Bull AW, et al. **Cancer Res** 1984 Nov;44(11):4924-8

Schistosoma mansoni: eicosanoid production by cercariae. Fusco AC, et al. **Exp Parasitol** 1985 Feb;59(1):44-50

Effect of insulin and linoleic acid on satellite cell differentiation. Allen RE, et al. **J Anim Sci** 1985 Jun; 60(6):1571-9

Difference in susceptibility to injury by linoleic acid hydroperoxide between endothelial and smooth muscle cells of arteries. Sasaguri Y, et al. **J Appl Biochem** 1985 Feb;7(1):70-8

Injury to cultured endothelial cells from human umbilical vein by linoleic acid hydroperoxide. Sasaguri Y, et al. **J Appl Biochem** 1984 Jun;6(3):144-50

The effect of a single oral dose of ethyl linoleate on urinary prostaglandin E2 excretion in essential fatty acid-deficient rats. Hansen HS, et al. **J Nutr** 1985 Jan;115(1):39-44

Effect of dietary depletion and repletion of linoleic acid on renal fatty acid composition and urinary prostaglandin excretion. Huang YS, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):223-8

Docosahexaenoic acid (C22:6 omega 3) and linoleic acid are anti-aggregatory, and alter arachidonic acid metabolism in human platelets. Srivastava KC. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):319-27

[Alpha-linolenic acid in the trophism of striated muscle] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30; 60(10):2003-7 (Eng. Abstr.) **(Ita)**

PHYSIOLOGY

Essential function of linoleic acid esterified in acylglucosylceramide and acylceramide in maintaining the epidermal water permeability barrier. Evidence from feeding studies with oleate, linoleate, arachidonate, columbinate and alpha-linolenate. Hansen HS, et al. **Biochim Biophys Acta** 1985 May 17;834(3):357-63

RADIATION EFFECTS

Lipid peroxidation and radical formation in methyl linoleate following ultraviolet light exposure. Sugiyama M, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):455-9

THERAPEUTIC USE

Effect of supplementing medium chain triglycerides with linoleic acid-rich monoglycerides on severely disturbed serum lipid fatty acid patterns in patients with cystic fibrosis. Christophe A, et al. **Ann Nutr Metab** 1985; 29(4):239-45

Linoleic acid treatment in inflammatory arthritis. Jäntti J, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Feb; 23(2):89-91

Effects of dietary linoleic acid enrichment on induction of immune complex nephritis in mice. Kher V, et al. **Nephron** 1985;39(3):261-6

Linoleic acid and multiple sclerosis: a reanalysis of three double-blind trials. Dworkin RH, et al. **Neurology** 1984 Nov;34(11):1441-5

[Essential fatty acids for ectodermic organs] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1989-95 (Eng. Abstr.) **(Ita)**

[Linoleic acid in the prevention of arteriosclerotic injuries] Berti G, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep; 30(3):281-5 (Eng. Abstr.) **(Ita)**

TOXICITY

Spontaneous tumor incidence in female brown Norway rats after lifelong diets high and low in linoleic acid. Kort WJ, et al. **JNCI** 1985 Feb;74(2):529-36

LINOLENIC ACIDS

Red pigment-forming substances from autoxidized linolenate: identification of prostaglandin-like substances. Nakamura T. **Lipids** 1985 Mar;20(3):180-6

[Study of radicals formed in the interaction of organic hydroperoxides with ferric ions using the spin trap method] Osipov AN, et al. **Biofizika** 1984 Jul-Aug;29(4):533-6 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Dissociation of effects of dietary fatty acids on blood pressure and prostanoid metabolism in Goldblatt hypertensive rats. Codde JP, et al. **J Hypertens** 1984 Feb;2(1):65-71

ANALYSIS

Characterization of gamma-linolenic acid in Ribes seed. Traitler H, et al. **Lipids** 1984 Dec;19(12):923-8

BIOSYNTHESIS

Effect of dietary fats on arachidonic acid and eicosapentaenoic acid biosynthesis and conversion to C22 fatty acids in isolated rat liver cells. Hagve TA, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):205-17

BLOOD

Effects of different dietary intake of essential fatty acids on C20:3 omega 6 and C20:4 omega 6 serum levels in human adults. Lasserre M, et al. **Lipids** 1985 Apr;20(4):227-33

DEFICIENCY

Linolenic acid deficiency [letter] Winter JC. **Arch Neurol** 1985 Jan;42(1):15-6

Dietary deprivation of linolenic acid in rhesus monkeys: effects on plasma and tissue fatty acid composition and on visual function. Connor WE, et al. **Trans Assoc Am Physicians** 1984;97:1-9

METABOLISM

Effect of C 18:3 (n-3) dietary supplementation on the fatty acid composition of the rat brain. Cocchi M, et al. **Acta Vitaminol Enzymol** 1984;6(3):151-6

Desaturation of 14C linoleic acid by the rat fetus. Pascaud M, et al. **Ann Nutr Metab** 1985;29(1):63-4

Metabolism of gammalinolenic acid by human blood platelet microsomes. de Bravo MM, et al. **Biochem Int** 1985 Jun;10(6):889-96

Interaction of linolenic acid with bound quinone molecules in Photosystem II. Time-resolved optical and electron spin resonance studies. Golbeck JH, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):263-71

The metabolic transformations of columbinic acid and the effect of topical application of the major metabolites on rat skin. Elliott WJ, et al. **J Biol Chem** 1985 Jan 25;260(2):987-92

Accumulation of linoleic and gamma-linolenic acids in tissue lipids of pyridoxine-deficient rats. Cunnane SC, et al. **J Nutr** 1984 Oct;114(10):1754-61

Effect of dietary alpha- and gamma-linolenic acid on tissue fatty acids in guinea pigs. Huang YS, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):46-9

[Alpha-linolenic acid and its metabolic derivatives in the tissues of rats treated with CCl4] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1997-2002 (Eng. Abstr.) **(Ita)**

[Initiation of nonenzymatic lipid peroxidation in a Fe2+-ascorbate-linolenate system] Azizova OA, et al. **Biofizika** 1985 Jan-Feb;30(1):36-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Physiologic effects of columbinic acid and its metabolites on rat skin. Elliott WJ, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):158-60

Decrease of arachidonic acid in phosphatidylcholine from renal medulla of SHR after feeding a linoleic and linolenic acid-rich diet. Wirth M, et al. **Biomed Biochim Acta** 1984;43(8-9):S239-41

The effect of dietary supplementation with linoleic and gammalinolenic acids on the pressor response to angiotensin II--a possible role in pregnancy-induced hypertension? O'Brien PM, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):335-42

The response of human carcinoma cell lines to gamma-linolenic acid with special reference to the effects of agents which influence prostaglandin and thromboxane synthesis. Botha JH, et al. **Prostaglandins Leukotrienes Med** 1985 Jul;19(1):63-77

THERAPEUTIC USE

Comparison of the clinical and biochemical effect of increased alpha-linolenic acid in a safflower oil intravenous fat emulsion. McClead RE Jr, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):234-9

Gamma-linolenic acid inhibits the development of the ethanol-induced fatty liver. Segarnick DJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):277-82

[Ineffectiveness of Naudicelle in intermittent claudication] Olsson AG, et al. **Lakartidningen** 1984 Dec 19;81(51):4855-7 **(Swe)**

LINSEED

[Long-term oil therapy in elderly patients with peripheral arterial occlusive disease] Reuter W, et al. **ZFA** 1985 May-Jun;40(3):171-5 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

[Identification of an atypical polyunsaturated fatty acid present in the liver of rats after the ingestion of heated linseed oil] Piconneaux A, et al. **C R Acad Sci [III]** 1985;300(8):353-8 (Eng. Abstr.) **(Fre)**

[Results of linseed oil and olive oil therapy in hyperlipoproteinemia patients] Fischer S, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):245-51 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Comparative aspects of omega-3 and omega-6 polyunsaturated fatty acids in rabbits and rats: effects on platelet function, thromboxane and prostacyclin generation. tissue phospholipid fatty acids and membrane fluidity. Bolton-Smith C, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:37-41

LINURON see under **HERBICIDES, UREA**

LIONS see under **CARNIVORA**

LIOTHYRONINE see **TRIIODOTHYRONINE**

LIP

Localization of transferrin in the labial salivary glands of patients with rheumatoid arthritis. Syrjänen S, et al. **Clin Rheumatol** 1984 Sep;3(3):345-50

[Cheiro-oral syndrome with pontine infarct--report of a case] Ide M, et al. **No To Shinkei** 1985 Feb;37(2):181-6 (Eng. Abstr.) **(Jpn)**

ABNORMALITIES

Commissural lip pits in Israeli Jews of different ethnic origin. Gorsky M, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):195-6

Genetic analysis in families with van der Woude syndrome. Burdick AB, et al. **J Craniofac Genet Dev Biol** 1985;5(2):181-208

Congenital lip pits. Report a case. Jungell P. **Proc Finn Dent Soc** 1984;80(4):201-3

[Lip sinus] Friedhofer H, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug;39(4):193-6 (Eng. Abstr.) **(Por)**

ANATOMY & HISTOLOGY

Dentoskeletal determinants of soft tissue morphology. Saxby PJ, et al. **Angle Orthod** 1985 Apr;55(2):147-54

On the beauty of lips. Romm S. **Clin Plast Surg** 1984 Oct;11(4):571-81

The relation between cleavage lines and postoperative scars after repair of cleft lip. Motegi K, et al. **J Maxillofac Surg** 1985 Aug;13(4):183-4

Management of the mucolabial fold when developing impressions for complete dentures. McArthur DR. **J Prosthet Dent** 1985 Jan;53(1):62-7

The superficial musculoaponeurotic system in the upper lip: an anatomic study in cadavers. Pensler JM, et al. **Plast Reconstr Surg** 1985 Apr;75(4):488-94

Casual observations on the philtrum of the lowland gorilla. Hofer HO. **Z Morphol Anthropol** 1985;75(2):239-43

[Value of human lip lines and nail striations in identification] Endris R, et al. **Arch Kriminol** 1985 Jan-Feb;175(1-2):13-20 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Arteriovenous malformations and vascular anatomy of the upper lip and soft palate. Hassard AD, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):829-32

INJURIES

Semi-fixed appliance to treat injurious lip habit: report of case. Jasmin JR. **ASDC J Dent Child** 1985 May-Jun;52(3):188-90

Electrical burns of the mouth in children. Leake JE, et al. **Clin Plast Surg** 1984 Oct;11(4):669-83

Human bites of the lip. Losken HW, et al. **Clin Plast Surg** 1984 Oct;11(4):773-5

Reconstructive surgery of deep burns of the lips. Maillard GF, et al. **Clin Plast Surg** 1984 Oct;11(4):655-68

Splint for burns to lip commissures. Cheuk SL, et al. **J Prosthet Dent** 1984 Oct;52(4):563

Lip injury guard. Robins MK, et al. **J Prosthet Dent** 1985 Mar;53(3):439-40

The prevalence of lip injury during U.S. Army cold-weather exercises. Lewis DM, et al. **Milit Med** 1985 Feb;150(2):87-90

Recovery of a tooth fragment from the lower lip. Rubin P, et al. **NY State Dent J** 1985 May;51(5):294-5

INNERVATION

Central representation and functional connections of afferent and efferent pathways of Helix pomatia L. lip nerves. Hernádi L, et al. **Acta Biol Hung** 1984;35(1):49-69

Temporary mental paraesthesia: an unusual complication of orthodontic treatment. Stirrups DR. **Br J Orthod** 1985 Apr;12(2):87-9

PATHOLOGY

Necrosis of the upper lip from giant-cell arteritis. Pogrel MA. **J Oral Maxillofac Surg** 1985 Apr;43(4):300-2

Combined effect of herpes simplex virus and tobacco on the histopathologic changes in lips of mice. Park NH, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):154-8

[Neurohistologic and histochemical study of labial fissures] Urbanovich LI, et al. **Vrach Delo** 1984 Dec;(12):23-5 **(Rus)**

PHYSIOLOGY

Retention of complete maxillary dentures related ot soft tissue function. Orstavik JS, et al. **Acta Odontol Scand** 1984 Oct;42(5):313-20

Effects of head position on intraoral pressures in Class I and Class II adults. Archer SY, et al. **Am J Orthod** 1985 Apr;87(4):311-8

Lip function: a study of normal lip parameters. Fogel ML, et al. **Br J Plast Surg** 1984 Oct;37(4):542-9

Lip function: a study of oral continence. Stranc MF, et al. **Br J Plast Surg** 1984 Oct;37(4):550-7

Application in children of a new method for the measurement of forces from the lips on the teeth. Thüer U, et al. **Eur J Orthod** 1985 Feb;7(1):63-78

A qualitative dynamic analysis of reiterant speech production: phase portraits, kinematics, and dynamic modeling. Kelso JA, et al. **J Acoust Soc Am** 1985 Jan;77(1):266-80

The timing of articulatory gestures: evidence for relational invariants. Tuller B, et al. **J Acoust Soc Am** 1984 Oct;76(4):1030-6

Dynamic control of the perioral system during speech: kinematic analyses of autogenic and nonautogenic sensorimotor processes. Gracco VL, et al. **J Neurophysiol** 1985 Aug;54(2):418-32

Variability of lip and jaw movements in children and adults: implications for the development of speech motor control. Sharkey SG, et al. **J Speech Hear Res** 1985 Mar;28(1):8-15

Lip pressure changes following lip repair in infants with unilateral clefts of the lip and palate. Bardach J, et al. **Plast Reconstr Surg** 1984 Oct;74(4):476-81

[Global electromyographic study of the labial system in man. Comparative motricity of the upper and lower labial system. Influence on facial morphology] Van Besien Y, et al. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct;27(4):301-5 (Eng. Abstr.) **(Fre)**

[Anteroposterior pressure of the lips on the lower dental arch in the Neolithic period] Fraudet JR. **Rev Stomatol Chir Maxillofac** 1984;85(5):438-40 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Lower-lip EMG and displacement during bilabial disfluencies in adult stutterers. McClean M, et al. **J Speech Hear Res** 1984 Sep;27(3):342-9

[Orofacial dyskinesias and changes in the nasal, naso- and oropharyngeal airways] Jonas I, et al. **Fortschr Kieferorthop** 1985 Apr;46(2):113-26 (Eng. Abstr.) **(Ger)**

[The lower lip as an indicator of orofacial dyskinesias] Koppenburg P, et al. **Fortschr Kieferorthop** 1985 Apr;46(2):127-33 (Eng. Abstr.) **(Ger)**

RADIATION EFFECTS

The effect of actinomycin D on radiation induced reactions of the lip mucosa of mice. Landuyt W, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1503-12

Repopulation kinetics in irradiated mouse lip mucosa: the relative importance of treatment protraction and time distribution of irradiations. Ang KK, et al. **Radiat Res** 1985 Jan;101(1):162-9

A murine model of lip epidermal/mucosal reactions to X-irradiation. Parkins CS, et al. **Radiother Oncol** 1983 Nov;1(2):159-65

Acute reactions of the lip mucosa of mice to fractionated irradiations. Xu FX, et al. **Radiother Oncol** 1984 Mar;1(4):369-74

SURGERY

Bipedicled lingual flap for lip reconstruction. Krespi YP, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):60-3

Primary columella lengthening and lip adhesion. Tolhurst DE. **Br J Plast Surg** 1985 Jan;38(1):89-92

Symposium on lip surgery. **Clin Plast Surg** 1984 Oct;11(4):569-790

Compensatory reconstruction of the lips and mouth after major tissue loss. Bradley C, et al. **Clin Plast Surg** 1984 Oct;11(4):637-53

Our experience with lip reconstruction. A lesson from history. Lupo G, et al. **Clin Plast Surg** 1984 Oct;11(4):619-35

Evolving concepts in lip reconstruction. Mazzola RF, et al. **Clin Plast Surg** 1984 Oct;11(4):583-617

Two useful small flaps for reconstruction of lip and nose. Schafer ME. **Clin Plast Surg** 1984 Oct;11(4):785-90

The 'crossbow' incision and nasal flap--its blood supply and clinical application. Hassard AD, et al. **Head Neck Surg** 1984 Dec;7(2):135-8

Wedge resection of the lip: minimizing problems. Sebben JE. **J Dermatol Surg Oncol** 1985 Jan;11(1):60-4

A stepped technique for splitting of the lower lip. Ramon Y, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):689-91

Free tongue composite graft for correction of a vermilion defect. Guerrerosantos J, et al. **Plast Reconstr Surg** 1985 Sep;76(3):451-4

In utero cleft lip repair in A/J mice. Hallock GG. **Plast Reconstr Surg** 1985 Jun;75(6):785-90

Victor von Bruns (1812-1883) and his contributions to plastic and reconstructive surgery. Hauben DJ. **Plast Reconstr Surg** 1985 Jan;75(1):120-7

Principles and techniques of bilateral complete cleft lip repair. Mulliken JB. **Plast Reconstr Surg** 1985 Apr;75(4):477-87

One-stage lip-switch operation. Ohtsuka H. **Plast Reconstr Surg** 1985 Oct;76(4):613-5

Thin lips [letter] Schneider RL. **Plast Reconstr Surg** 1985 May;75(5):766

Clinical evaluation of microform cleft lip surgery. Thomson HG, et al. **Plast Reconstr Surg** 1985 Jun;75(6):800-4

Hair-bearing neck flap for upper lip reconstruction [letter] Warszawer-Schvarcz L. **Plast Reconstr Surg** 1985 Jan; 75(1):137-8

[Reconstruction of the loss of substance of the lower lip. The 'running stairstep' technic] Peron JM, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):302-6 (Eng. Abstr.) **(Fre)**

[Variants of primary plastic correction of post-neoplastic defects of the lower lip] Naumov PV, et al. **Vestn Khir** 1984 Aug;133(8):123-5 **(Rus)**

[Webster's method of reconstruction of the lower lip and a review of other methods] Matulić Z, et al. **Chir Maxillofac Plast** 1984;14(1):13-8 (Eng. Abstr.) **(Scr)**

LIP DISEASES

CONGENITAL

Congenital mucous retention phenomena. Finkelstein MW, et al. **ASDC J Dent Child** 1984 Sep-Oct;51(5):379-81

DIAGNOSIS

Elephantiasis nostras 1984. Hollander DI, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):450-1

ETIOLOGY

Cheilitis and labial lesions of lupus in the French Indies [letter] Guillet G, et al. **Int J Dermatol** 1985 Jan-Feb; 24(1):66-7

Lip paresthesia. A case report. Sole M, et al. **NY State Dent J** 1985 Apr;51(4):226

FAMILIAL & GENETIC

Congenital fistulas of the lower lip. Radiographic evaluation. Ortega-Resinas M, et al. **Dermatologica** 1984;169(6):359-62

[Lip sinus] Friedhofer H, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug; 39(4):193-6 (Eng. Abstr.) **(Por)**

PATHOLOGY

Pemphigus vegetans limited to the lips and oral mucosa. Woo TY, et al. **Arch Dermatol** 1985 Feb;121(2):271-2

Ascher's syndrome. Sengupta P, et al. **J Indian Med Assoc** 1985 Jan;83(1):20-1

[Neurohistologic and histochemical study of labial fissures] Urbanovich LI, et al. **Vrach Delo** 1984 Dec;(12):23-5 **(Rus)**

PSYCHOLOGY

Munchausen's syndrome: a new variety of bleeding type-self-inflicted cheilorrhagia and cheilitis glandularis. Michalowski R. **Dermatologica** 1985;170(2):93-7

SURGERY

Collagen implant in management of perlèche (angular cheilosis). Chernosky ME. **J Am Acad Dermatol** 1985 Mar; 12(3):493-6

LIP NEOPLASMS

Epidermotropic metastatic squamous cell carcinoma. Report of two cases showing histologic continuity between epidermis and metastasis. Weidner N, et al. **Arch Dermatol** 1985 Aug;121(8):1041-3

[Plasmoacanthoma. A contribution to the diagnosis, etiopathogenesis and nosology] Göring HD, et al. **Z Hautkr** 1985 Jun 1;60(11):884-96 (Eng. Abstr.) **(Ger)**

CHEMICALLY INDUCED

Tobacco teabags [letter] High AS. **Br Dent J** 1985 Jan 19; 158(2):38-9

DIAGNOSIS

Cavernous lymphangioma of the lip: report of case. Eppley BL, et al. **J Am Dent Assoc** 1985 Apr;110(4):503-4

[Syringocystadenoma papilliferum as a differential diagnosis of a carcinoma of the lower lip] Pullmann H, et al. **Z Hautkr** 1985 Feb 15;60(4):348-55 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Skin lesions from sun exposure: a treatment guide. Gibson LE, et al. **Geriatrics** 1985 May;40(5):87-9, 91-2

OCCURRENCE

A case-control study on lip cancer risk factors in Ragusa (Sicily). Dardanoni L, et al. **Int J Cancer** 1984 Sep 15; 34(3):335-7

PATHOLOGY

Firm linear plaque on the lip of a child. Granular cell tumor (granular cell myoblastoma, granular cell schwannoma) Truhan AP, et al. **Arch Dermatol** 1985 Sep;121(9):1999, 1202

Hair matrix differentiation in chondroid syringoma. Rapini RP, et al. **J Cutan Pathol** 1984 Aug;11(4):318-21

The canalicular adenoma: considerations on differential diagnosis and treatment. Daley TD. **J Oral Maxillofac Surg** 1984 Nov;42(11):728-30

Vascular leiomyoma of the oral cavity. Epivatianos A, et al. **J Oral Maxillofac Surg** 1985 May;43(5):377-82

Intraoral benign mesenchymoma. Couwenhoven R, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):619-21

Adenoid cystic carcinoma of the upper lip. Pizer ME, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):70-3

[Clinical picture, therapy and prognosis of orolabial cancer with special reference to regional lymphatic drainage] Schönberger A, et al. **Arch Geschwulstforsch** 1984; 54(4):309-16 (Eng. Abstr.) **(Ger)**

[Relations between the primary tumor and the regional lymph drainage area in carcinomas of the orolabial region] Schönberger A, et al. **Zahn Mund Kieferheilkd** 1984; 72(6):566-72 (Eng. Abstr.) **(Ger)**

SURGERY

Our experience with lip reconstruction. A lesson from history. Lupo G, et al. **Clin Plast Surg** 1984 Oct; 11(4):619-35

Tumor conference 53. Necrotizing hemangioma. Bart RS, et al. **J Dermatol Surg Oncol** 1984 Oct;10(10):769-73

Tumor conference 55. Lymphangioma of the lip. Bart RS, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):203-6

Microscopically controlled surgical treatment for squamous cell carcinoma of the lower lip. Mohs FE, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):37-41

[Clinical analysis of 86 cases of carcinoma of the lip] Lai GQ. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):39-40 (Eng. Abstr.) **(Chi)**

[Is operative seeding of tumor cells possible or preventable?] Ewers R, et al. **Fortschr Kiefer Gesichtschir** 1985;30:175-6 **(Ger)**

[Variants of primary plastic correction of post-neoplastic defects of the lower lip] Naumov PV, et al. **Vestn Khir** 1984 Aug;133(8):123-5 **(Rus)**

ULTRASTRUCTURE

[Leiomyoma of the oral cavity: a review of the literature and report of 2 cases with an ultramicroscopic study] Birman EG, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jul-Sep;25(3):917-33 (Eng. Abstr.) **(Por)**

VETERINARY

Removal of growth from lioness's lip [letter] Cran HR. **Vet Rec** 1984 Oct 6;115(14):363-4

LIPASE

Hydrophobic interactions of human milk lipase. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):446-52

ANALYSIS

A simple turbidimetric method for specific measurement of Staphylococcus aureus lipase activity. Rollof J, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):155-8

Flow-through pH-stat method for lipase activity. Taylor F. **Anal Biochem** 1985 Jul;148(1):149-53

Immunoreactive pancreatic colipase, lipase and phospholipase A2 in human plasma and urine from healthy individuals. Sternby B, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):164-9

Measurement of lipase activity by a differential pH technique. Ceriotti F, et al. **Clin Chem** 1985 Feb;31(2):257-60

Lipase assay in duodenal juice using a conductimetric method. Ballot C, et al. **Clin Chim Acta** 1984 Nov 15; 143(2):109-14

New fluorometric assay of lysosomal acid lipase and its application to the diagnosis of Wolman and cholesteryl ester storage diseases. Negre AE, et al. **Clin Chim Acta** 1985 Jun 30;149(1):81-8

Estimation of lipase activity by the diffusion plate method. Karnetová J, et al. **Folia Microbiol (Praha)** 1984;29(4):346-7

Spectrophotometric determination of lipases, lysophospholipases, and phospholipases. Farooqui AA, et al. **J Lipid Res** 1984 Dec 15;25(13):1555-62 (40 ref.)

Measurement of heparin-releasable triacylglycerol lipases. Gibson JC, et al. **Lab Res Methods Biol Med** 1984; 10:241-86 (180 ref.)

A colorimetric assay of pancreatic lipase: rapid detection of lipase and colipase separated by gel filtration. Roberts J, et al. **Lipids** 1985 Jan;20(1):42-5

Lipases and lipids in human milk: effect of freeze-thawing and storage. Berkow SE, et al. **Pediatr Res** 1984 Dec; 18(12):1257-62

Determination of lipase concentrations by enzyme immunoassay in secretin-caerulein test. Brackmann P, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):409-12

A new approach to the diagnosis of pancreatic diseases by immunochemical lipase quantitation. Dati F, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):399-407

ANTAGONISTS & INHIBITORS

Plasma apoprotein changes after selective inhibition of hepatic triglyceride lipase in rat. Kurz K, et al. **Atherosclerosis** 1984 Dec;53(3):233-9

Inhibition of pancreatic and microbial lipases by proteins. Gargouri Y, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):326-31

Irreversible inhibition of pancreatic lipase by bis-p-nitrophenyl methylphosphonate. Sikk P, et al. **FEBS Lett** 1985 May 20;184(2):193-6

Very low density lipoprotein triglyceride kinetics during hepatic lipase suppression by estrogen. Studies on the physiological role of hepatic endothelial lipase. Tikkanen MJ, et al. **FEBS Lett** 1985 Feb 11;181(1):160-4

Inhibition of lipases by proteins. A kinetic study with dicaprin monolayers. Gargouri Y, et al. **J Biol Chem** 1985 Feb 25; 260(4):2268-73

Studies on the inhibition of pancreatic and microbial lipases by soybean proteins. Gargouri Y, et al. **J Lipid Res** 1984 Nov;25(11):1214-21

Acute inhibition of hepatic lipase and increase in plasma lipoproteins after alcohol intake. Goldberg CS, et al. **J Lipid Res** 1984 Jul;25(7):714-20

BIOSYNTHESIS

Lipases production by Bacillus circulans under mesophilic and osmophilic conditions. Factors affecting lipases production. Elwan SH, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):187-99

BLOOD

Increased monoester lipase activity in red blood cells in late pregnancy [letter] Somma-Delpero C, et al. **Acta Haematol (Basel)** 1985;73(2):120-1

Plasma activities of lipoprotein lipase, hepatic lipase and lecithin: cholesterol acyltransferase in patients considered for parenteral nutrition with fat emulsion. Heller F, et al. **Am J Clin Nutr** 1985 Apr;41(4):748-52

Postheparin plasma triglyceride lipases. Relationships with very low density lipoprotein triglyceride and high density lipoprotein2 cholesterol. Applebaum-Bowden D, et al. **Arteriosclerosis** 1985 May-Jun;5(3):273-82

Post-heparin hepatic and lipoprotein lipase activities in nephrotic syndrome. Chan MK, et al. **Aust NZ J Med** 1984 Dec;14(6):841-7

Serum amylase, isoamylase and lipase in acute alcoholism. d'Emden MC, et al. **Aust NZ J Med** 1984 Dec;14(6):819-21

Subcellular localization and properties of lipase activities in human polymorphonuclear leukocytes. Hack NJ, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):406-11

Screening for acute pancreatitis: a rapid assay for plasma lipase. Mayer AD, et al. **Br J Surg** 1985 Jun;72(6):436-7

Immunochemical qualitative latex agglutination test for pancreatic lipase in serum evaluated for use in diagnosis of acute pancreatitis. Møller-Petersen J, et al. **Clin Chem** 1985 Jul;31(7):1207-10

Serum amylase and lipase values in acute renal failure [letter] Zachée P, et al. **Clin Chem** 1985 Jul;31(7):1237

Changes in serum pancreatic enzymes after hormonal stimulation in chronic pancreatitis. Lesi C, et al. **Dig Dis Sci** 1985 Jun;30(6):552-7

Enzyme transfer from pancreas to plasma during acute pancreatitis. The contribution of ascitic fluid and lymphatic drainage of the pancreas. Mayer AD, et al. **Gut** 1985 Sep; 26(9):876-81

Changes in serum levels of pancreatic isoamylase, lipase, trypsin, and elastase 1 after endoscopic retrograde pancreatography. Okuno M, et al. **Hepatogastroenterology** 1985 Apr;32(2):87-90

Properties of acyl-coenzyme A:1-acylglycerophosphate acyltransferase and lipases in porcine erythrocyte membranes. Mizuno M, et al. **J Lipid Res** 1984 Aug; 25(8):843-50

Age-related alterations in immunoreactive pancreatic lipase and cationic trypsinogen in young children with cystic fibrosis. Cleghorn G, et al. **J Pediatr** 1985 Sep; 107(3):377-81

On the source of bile salt-stimulated lipase in human milk: a study based on serum concentrations as determined by sandwich enzyme-linked immunosorbent assay technique. Bläckberg L, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):441-5

Effect of low-dose oral contraceptives on lipoproteins and lipolytic enzymes: differences between two commonly used preparations. Leuven JA, et al. **Metabolism** 1984 Nov; 33(11):1039-42

Lipid clearing in premature infants during continuous heparin infusion: role of circulating lipases. Zaidan H, et al. **Pediatr Res** 1985 Jan;19(1):23-5

Serum lipids and postheparin plasma lipase activity in Japanese children with ketosis-prone diabetes mellitus. Asayama K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:627-30

[Activities of 2 plasma lipases and serum high density lipoprotein after heparin injection] Wu CZ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun; 12(2):144-6 **(Chi)**

[Immunoreactive trypsin, trypsin inhibitors, amylase and lipase in the blood of patients in a regular hemodialysis program] St'astná R, et al. **Vnitr Lek** 1985 May; 31(5):457-63 (Eng. Abstr.) **(Cze)**

[Amylase and lipase as reference values for the differential diagnosis of chronic kidney failure and pancreatitis] Mähr G, et al. **Acta Med Austriaca** 1985;12(2):51-7 (Eng. Abstr.)

(Ger)

[Clinical relevance of immunochemical determination of pancreatic lipase in chronic pancreatitis] Malfertheiner P, et al. **Klin Wochenschr** 1985 Jan 2;63(1):43-8 (Eng. Abstr.) **(Ger)**

[Significance of immunoreactive lipase in the diagnosis of pancreatic diseases] Kehl O, et al. **Schweiz Med Wochenschr** 1985 Aug 17;115(33):1135-9 (Eng. Abstr.) **(Ger)**

[Clearance of serum pancreatic enzymes by plasma exchange in acute pancreatitis] Yamauchi H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2604 **(Jpn)**

[Comparison of the effect of homologous and heterologous albumin on the activity of lipoprotein lipase and liver triglyceride lipase in rabbit plasma] Klimov AN, et al. **Vopr Med Khim** 1985 May-Jun;31(3):93-9 (Eng. Abstr.) **(Rus)**

DEFICIENCY

New spectrophotometric assays of acid lipase and their use in the diagnosis of Wolman and cholesteryl ester storage diseases. Nègre A, et al. **Anal Biochem** 1985 Mar;145(2):398-405

Combined lipase deficiency (cld/cld) in mice. Demonstration that an inactive form of lipoprotein lipase is synthesized. Olivecrona T, et al. **J Biol Chem** 1985 Feb 25;260(4):2552-7

Effect of heparin-induced lipolysis on the distribution of apolipoprotein e among lipoprotein subclasses. Studies with patients deficient in hepatic triglyceride lipase and lipoprotein lipase. Rubinstein A, et al. **J Clin Invest** 1985 Feb;75(2):710-21

Plasma lipoprotein abnormalities associated with acquired hepatic triglyceride lipase deficiency. Goldberg IJ, et al. **Metabolism** 1985 Sep;34(9):832-5

GENETICS

Molecular cloning and nucleotide sequence of rat lingual lipase cDNA. Docherty AJ, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1891-903

Complete nucleotide sequence of the lipase gene from Staphylococcus hyicus cloned in Staphylococcus carnosus. Götz F, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5895-906

IMMUNOLOGY

Production and characterization of a monoclonal antibody to dog hepatic lipase. Chuang MY, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):69-81

A new serological assay for Staphylococcus aureus infections: detection of IgG antibodies to S. aureus lipase with an enzyme-linked immunosorbent assay. Christensson B, et al. **J Infect Dis** 1985 Aug;152(2):286-92

ISOLATION & PURIFICATION

Rat lingual lipase: partial purification, hydrolytic properties, and comparison with pancreatic lipase. Roberts IM, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G385-93

Purification and characterization of pregastric esterase from calf. Sweet BJ, et al. **Arch Biochem Biophys** 1984 Oct;234(1):144-50

Purification and molecular characterization of bovine pregastric lipase. Bernbäck S, et al. **Eur J Biochem** 1985 Apr 15;148(2):233-8

Characterization of lysosomal acid lipase purified from rabbit liver. Imanaka T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1089-101

Enzyme-linked immunosorbent assay for rat hepatic triglyceride lipase. Cisar LA, et al. **J Lipid Res** 1985 Mar;26(3):380-6

METABOLISM

Role of acid lipase in cholesteryl ester accumulation during atherogenesis. Correlation of enzyme activity with acid lipase-containing macrophages in rabbit and human lesions. Davis HR, et al. **Atherosclerosis** 1985 May;55(2):205-15

Effects of two progestins with different androgenic properties on hepatic endothelial lipase and high density lipoprotein2. Kuusi T, et al. **Atherosclerosis** 1985 Mar;54(3):251-62

Lipolytic activity of crude or partially purified lipase of the mouse mammary gland at various substrate concentrations. Anzai T, et al. **Biochem Int** 1983 May;6(5):635-41

Degradation of mono-oleoylglycerol, trioleoylglycerol and phosphatidylcholine in emulsions and lipoproteins by rat hepatic acylglycerol lipase. Belcher JD, et al. **Biochem J** 1985 Jul 15;229(2):343-51

Lysosomal triacylglycerol lipase activity in L6 myoblasts and its changes on differentiation. Sauro VS, et al. **Biochem J** 1985 Apr 15;227(2):583-9

Effect of surface composition on triolein hydrolysis in phospholipid vesicles and microemulsions by a purified acid lipase. Burrier RE, et al. **Biochemistry** 1984 Oct 23;23(22):5366-71

Activation of nonspecific lipase (EC 3.1.1.-) by bile salts. Albro PW, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):477-90

Hydrolysis of novel diacylglycerol analogs and phorbol diesters by serum lipase. Cabot MC. **Biochim Biophys Acta** 1985 Feb 8;833(2):330-5

The interaction between human pancreatic carboxylester hydrolase (bile-salt-stimulated lipase of human milk) and lactoferrin. Erlanson-Albertsson C, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):282-7

Hepatic lipase activity increases after liver denervation in the rat. Hansson P, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):351-3

Regulation of liver lipase. II. Involvement of the alpha 1-receptor. Schoonderwoerd K, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):481-6

Stimulation of the hormone-sensitive triacylglycerol lipase from adipose tissue by phosphatidylethanolamine. Severson DL, et al. **Biochim Biophys Acta** 1985 May 30;845(2):283-91

Further results on lipase-colipase interactions studied by affinity chromatography. Alessandri JM, et al. **Biochimie** 1984 Nov-Dec;66(11-12):663-72

Lipolytic activity of renal cortex during ontogenetic development in rats. Hohenegger M, et al. **Biol Neonate** 1985;47(1):54-60

Kinetic studies on pancreatic lipase activity in micellar systems. III. Effect of micellar size. Nakahara H, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):3803-11

Structure and function of bile. I. Relation between the structure of artificial bile and activity of pancreatic lipase. Uematsu S, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3327-36

Hormone-sensitive lipase from swine adipose tissue: identification and some properties. Lee FT, et al. **Comp Biochem Physiol [B]** 1985;80(3):609-12

Regulation of lipases involved in the supply of substrate fatty acids for the heart. Stam H, et al. **Eur Heart J** 1985 Feb;6(2):158-67

Demonstration of hepatic triglyceride lipase-like activity in ascites fluid of mice with sarcoma 180. Masuno H, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):727-32

Limited proteolysis of porcine pancreatic lipase. Lability of the Phe 335-Ala 336 bond towards chymotrypsin. Bousset-Risso M, et al. **FEBS Lett** 1985 Mar 25;182(2):323-6

Phosphorylation of hormone-sensitive lipase by cyclic GMP-dependent protein kinase. Strålfors P, et al. **FEBS Lett** 1985 Jan 28;180(2):280-4

Hepatic triglyceride lipase and lipoprotein lipase activities in post-heparin plasma of patients with various cancers. Masuno H, et al. **Gann** 1985 Mar;76(3):202-7

Effects of hormones, fasting and diabetes on triglyceride lipase activities in rat heart and liver. Stam H, et al. **Horm Metab Res** 1984 Jun;16(6):293-7

Effect of Brij 58 on the hydrolysis of methyl butyrate by lipase from Pseudomonas fluorescens. Nakagawa A, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):815-20

Purification and characterization of human lipoprotein lipase and hepatic triglyceride lipase. Reactivity with monoclonal antibodies to hepatic triglyceride lipase. Cheng CF, et al. **J Biol Chem** 1985 Sep 5;260(19):10720-7

Activation of myocardial neutral triglyceride lipase and neutral cholesterol esterase by cAMP-dependent protein kinase. Goldberg DI, et al. **J Biol Chem** 1985 May 25;260(10):5879-82

Postprandial lipemia. A key for the conversion of high density lipoprotein2 into high density lipoprotein3 by hepatic lipase. Patsch JR, et al. **J Clin Invest** 1984 Dec;74(6):2017-23

Lipolysis and the distribution of lipase activity in bovine milk in relation to stage of lactation and time of milking. Ahrné L, et al. **J Dairy Res** 1985 Feb;52(1):55-64

Lipolytic stimulation modulates the subcellular distribution of hormone-sensitive lipase in 3T3-L1 cells. Hirsch AH, et al. **J Lipid Res** 1984 Jul;25(7):665-77

Kinetic properties of human milk bile salt-activated lipase: studies using long chain triacylglycerol as substrate. Wang CS, et al. **J Lipid Res** 1985 Jul;26(7):824-30

Pancreatic lipase, colipase, and cystic fibrosis. Forstner G, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S106-12

Specificity of human milk bile salt-stimulated lipase [editorial] Hernell O. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):517-9

Specificity of human milk bile salt-stimulated lipase. Jensen RG, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):580-2

Esterase acyl binding site of human milk lipase. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):240-4

Human milk lipase substrates: electronic role. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):587-90

Effects of organic solvents on lipase for fat splitting. Kim KH, et al. **Lipids** 1984 Dec;19(12):975-7

Decrease in alkaline triglyceride lipase in primary cultured hepatocytes from mice with sarcoma 180. Masuno H, et al. **Lipids** 1985 Jul;20(7):399-403

The effects of streptozotocin diabetes on tissue specific lipase activities in the rat. Nomura T, et al. **Lipids** 1984 Aug;19(8):594-9

Androgens reduce HDL2-cholesterol and increase hepatic triglyceride lipase activity. Kantor MA, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):462-5

Hepatic triglyceride lipase in diabetic dogs. Muller DL, et al. **Metabolism** 1985 Mar;34(3):251-4

Hepatic triglyceride lipase is not an insulin-dependent enzyme in rats. Murase T, et al. **Metabolism** 1985 Jun;34(6):531-4

Characteristics and benefits of bile salt-stimulated lipase in human milk. **Nutr Rev** 1984 Nov;42(11):372-3 (12 ref.)

Lingual lipase activity in cystic fibrosis. **Nutr Rev** 1984 Oct;42(10):344-5

The influence of proteins on the esterase activity of bile-salt-stimulated lipase from human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Mar 13;98(774):158-9

The influence of surfactant amphiphiles on the esterase activity of (bile-salt-stimulated) lipase from human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Apr 24;98(777):306-7

The activity of hepatic lipase and lipoprotein lipase in glycogen storage disease: evidence for a circulating inhibitor of postheparin lipolytic activity. Muller DP, et al. **Pediatr Res** 1984 Sep;18(9):881-5

Postheparin plasma lipases and carnitine in infants during parenteral nutrition. Rovamo L. **Pediatr Res** 1985 Mar;19(3):292-7

Postheparin plasma lipoprotein and hepatic lipases in preterm neonates. Rovamo L, et al. **Pediatr Res** 1984 Nov;18(11):1104-7

Effect of heparin on serum and tissue lipases in the developing rat. Zaidan H, et al. **Pediatr Res** 1984 Dec;18(12):1321-4

Enzyme-catalyzed processes in organic solvents. Zaks A, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3192-6

[Value of studying isoenzymes in hereditary lysosomal lipidoses. In particular beta-glucosidase (Gaucher's disease) and acid lipase (Wolman's disease and cholesterol ester storage disease)] Douste-Blazy L, et al. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):58-65 (Eng. Abstr.) **(Fre)**

[Lipoproteins, post-heparin lipoprotein lipase and hepatic triglyceride lipase in patients with and without severe hyperlipemia caused by alcoholism] Breier C, et al. **Acta Med Austriaca** 1985;12(1):25-9 (Eng. Abstr.) **(Ger)**

[The pancreatic lipase/colipase system] Müller G. **Z Gesamte Inn Med** 1984 Jul 15;39(14):321-5 (Eng. Abstr.) **(Ger)**

[Correlation of postheparin hepatic triglyceride lipase activity to serum intermediate density lipoprotein and triiodothyroxine levels in patients on maintenance hemodialysis] Yukawa S, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):175-82 (Eng. Abstr.) **(Jpn)**

[Extracellular and intracellular bacterial lipases] Severina LO. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):594-603 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effects of post-heparin plasma lipases on anti-Xa clotting activity. Williams SP, et al. **Thromb Res** 1985 Feb 1;37(3):371-7

PHYSIOLOGY

Enzymology and physiological role of hepatic lipase. Jansen H, et al. **Biochem Soc Trans** 1985 Feb;13(1):24-6

SECRETION

Lipase secretion from dispersed rabbit gastric glands. Fink CS, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G68-72

Secretion of human gastric lipase from dispersed gastric glands. DeNigris SJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):67-72

Lack of adaptive changes in human pancreatic amylase and lipase secretion in response to high-carbohydrate, low-fat diet applied by a 10-day continuous intraduodenal infusion. Emde C, et al. **Dig Dis Sci** 1985 Mar;30(3):204-10

Sex differences in adrenocortical structure and function. XIV. Heparin-releasable liver-lipase like activity in rat adrenals as affected by gonadectomy and testosterone or estradiol replacement. Malendowicz LK, et al. **Horm Metab Res** 1984 Dec;16(12):646-9

THERAPEUTIC USE

Assessment of adequacy of pancreatic enzyme replacement with the multiple-phase carbon-14-triolein test. O'Keefe SJ, et al. **S Afr Med J** 1984 Nov 17;66(20):763-5

[Medical treatment of a gastric bezoar (letter)] Mineur P, et al. **Acta Clin Belg** 1984;39(5):316-9 **(Fre)**

LIPEMIA-CLEARING FACTOR see **LIPOPROTEIN LIPASE**

LIPID A

Chemical synthesis and immunological activities of glycolipids structurally related to lipid A. Charon D, et al. **Biochemistry** 1985 May 21;24(11):2736-42

ANALOGS & DERIVATIVES

Isolation and structural analysis of two lipid A precursors from a KDO deficient mutant of Salmonella typhimurium differing in their hexadecanoic acid content. Hansen-Hagge T, et al. **Arch Microbiol** 1985 May;141(4):353-8

In vitro antigenic reactivity of synthetic lipid A analogues as determined by monoclonal and conventional antibodies. Kasai N, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):607-12

Comparison of the capacity of two lipid A precursor molecules to express the local Shwartzman phenomenon. Galanos C, et al. **Infect Immun** 1985 May;48(2):355-8

Activation and inhibition of Limulus amebocyte lysate coagulation by chemically defined substructures of lipid A. Proctor RA, et al. **Infect Immun** 1985 Aug;49(2):286-90

Immunopharmacological activities of a synthetic counterpart of a biosynthetic lipid A precursor molecule and of its analogs. Takada H, et al. **Infect Immun** 1985 Apr; 48(1):219-27

[Synthesis of lipid A analogs. Obtaining conjugates of 6-phosphate 2-desoxy-2-(3-hydroxymyristoyl)amino-D-glucose with polymer carriers and their immunological properties] Gorbach VI, et al. **Bioorg Khim** 1985 May;11(5):677-82 (Eng. Abstr.) **(Rus)**

ANALYSIS

Lipopolysaccharides from Yersinia pestis. Studies on lipid A of lipopolysaccharides I and II. Dalla Venezia N, et al. **Eur J Biochem** 1985 Sep 2;151(2):399-404

Structural studies on the lipid A component of enterobacterial lipopolysaccharides by laser desorption mass spectrometry. Location of acyl groups at the lipid A backbone. Seydel U, et al. **Eur J Biochem** 1984 Dec 17;145(3):505-9

Nature and location of amide-bound (R)-3-acyloxyacyl groups in lipid A of lipopolysaccharides from various gram-negative bacteria. Wollenweber HW, et al. **Eur J Biochem** 1984 Dec 3;145(2):265-72

Activation and inhibition of Limulus amebocyte lysate coagulation by chemically defined substructures of lipid A. Proctor RA, et al. **Infect Immun** 1985 Aug;49(2):286-90

Monophosphoryl lipid A obtained from lipopolysaccharides of Salmonella minnesota R595. Purification of the dimethyl derivative by high performance liquid chromatography and complete structural determination. Qureshi N, et al. **J Biol Chem** 1985 May 10;260(9):5271-8

[Study of a lipid A-protein complex from Yersinia pseudotuberculosis endotoxin] Fedoreeva LI, et al. **Bioorg Khim** 1984 Jan;10(1):93-9 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Free flow electrophoresis as a tool for enrichment of mutants with temperature-dependent lethal mutations in lipid A synthesis. Hansen-Hagge T, et al. **Eur J Biochem** 1985 Apr 1;148(1):21-7

CHEMICAL SYNTHESIS

Synthetic lipid A with endotoxic and related biological activities comparable to those of a natural lipid A from an Escherichia coli re-mutant. Kotani S, et al **Infect Immun** 1985 Jul;49(1):225-37

GENETICS

Serum-resistant mutants of Escherichia coli O111 contain increased lipopolysaccharide, lack an O antigen-containing capsule, and cover more of their lipid A core with O antigen. Goldman RC, et al. **J Bacteriol** 1984 Sep; 159(3):877-82

IMMUNOLOGY

B cell activation and adjuvant activities of chemically synthesized analogues of the nonreducing sugar moiety of lipid A. Kumazawa Y, et al. **Eur J Immunol** 1985 Feb; 15(2):199-201

Serum anti-lipid A antibodies in multiple myeloma and Waldenström's macroglobulinaemia. Fink PC, et al. **Immunobiology** 1985 Feb;169(1):1-10

Comparative studies on adjuvanticity of Klebsiella O3 lipopolysaccharide and its lipid A and polysaccharide fractions. Kato N, et al. **Immunology** 1985 Feb;54(2):317-24

Characterization of two different antibody specificities recognizing distinct antigenic determinants in free lipid A of Escherichia coli. Brade L, et al. **Infect Immun** 1985 Jun; 48(3):776-81

Binding activity of a murine anti-lipid A monoclonal antibody. Elkins K, et al. **Infect Immun** 1985 May; 48(2):597-600

Difference in susceptibility to gram-negative urinary tract infection between C3H/HeJ and C3H/HeN mice. Hagberg L, et al. **Infect Immun** 1984 Dec;46(3):839-44

Preliminary study on administration of high-titer lipid A antibody serum in sepsis and septic shock patients. Marget W, et al. **Infection** 1985 May-Jun;13(3):120-4

Role of lipid A of endotoxin in the production of tumour necrosis factor. Ha DK, et al. **Mol Immunol** 1985 Mar; 22(3):291-4

ISOLATION & PURIFICATION

Heterogeneity of lipid A: comparison of lipid A types from different gram-negative bacteria. Mattsby-Baltzer I, et al. **J Bacteriol** 1984 Sep;159(3):900-4

METABOLISM

Hepatocellular clearance function of bacterial lipopolysaccharides and free lipid A in mice with endotoxic shock. Hopf U, et al. **Am J Emerg Med** 1984 Jan;2(1):13-9

Uptake and deacylation of bacterial lipopolysaccharides by macrophages from normal and endotoxin-hyporesponsive mice. Munford RS, et al. **Infect Immun** 1985 May; 48(2):464-73

Activation of murine spleen cells by lipid A: negative modulation of lipid A mitogenic activity by O-antigen polysaccharide. Vukajlovich SW, et al. **J Immunol** 1985 Oct;135(4):2546-50

PHARMACODYNAMICS

Cellular and lipopolysaccharide subunit requirements for the caprine lymphoblastogenic response to endotoxin. Greenlee A, et al. **Am J Vet Res** 1985 Jan;46(1):75-9

Modification of lipid A reduces endotoxin-induced eye effects. Rosenbaum JT, et al. **Curr Eye Res** 1985 Jun; 4(6):707-11

Generation of slow-reacting substance (leukotrienes) by endotoxin and lipid A from human polymorphonuclear granulocytes. Bremm KD, et al. **Immunology** 1984 Oct; 53(2):299-305

Effect of lipopolysaccharides, lipid A and interferon on the cell-mediated cytotoxicity of human leukocytes against K-562 tumor cells. Fink PC, et al. **Infection** 1984 Sep-Oct; 12(5):322-7

In vitro spleen cell proliferation following in vivo treatment with a synthetic glycolipid or lipid A in three mouse strains. Bonaventure J, et al. **Int J Immunopharmacol** 1984; 6(4):259-67

Macrophage activation by monosaccharide precursors of Escherichia coli lipid A. Nishijima M, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):282-6

Role of lipid A in the production of tumor necrosis factor and differences in antitumor activity between tumor necrosis factor and lipopolysaccharide. Haranaka K, et al. **Tohoku J Exp Med** 1984 Dec;144(4):385-96

THERAPEUTIC USE

Phase-I study of intravenous modified lipid A. Vosika GJ, et al. **Cancer Immunol Immunother** 1984;18(2):107-12

TOXICITY

Synthetic and natural Escherichia coli free lipid A express identical endotoxic activities. Galanos C, et al. **Eur J Biochem** 1985 Apr 1;148(1):1-5

LIPID BILAYERS

Interaction of amphiphilic molecules with biological membranes. A model for nonspecific and specific drug effects with membranes. Herbette L, et al. **Adv Myocardiol** 1985;5:333-46

The measurement of cardiac membrane channels following their incorporation into phospholipid bilayers. Williams AJ. **Adv Myocardiol** 1985;5:77-84

Cation channels from Tetrahymena cilia incorporated into planar lipid bilayers. Oosawa Y, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C177-9

The use of phospholipid-impregnated millipore filters for recording nonelectrogenic cation flows in the presence of Men+/nH+ exchangers. Antonenko YN, et al. **Anal Biochem** 1984 Aug 1;140(2):468-71

Organization of glycosphingolipids in bilayers and plasma membranes of mammalian cells. Thompson TE, et al. **Annu Rev Biophys Biophys Chem** 1985;14:361-86 (125 ref.)

Raman study of effect of phospholipid chain unsaturation on bilayer phase transitions. Chen NR, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):220-5

Diacylglycerol causes major structural transitions in phospholipid bilayer membranes. Das S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):491-6

Long-chain unsaturated diacylglycerols cause a perturbation in the structure of phospholipid bilayers rendering them susceptible to phospholipase attack. Dawson RM, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):836-42

Interaction of streptomycin and streptomycylamine derivatives with negatively charged lipid layers. Correlation between binding, conformation of complexes and inhibition of lysosomal phospholipase activities. Brasseur R, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):1035-47

Modulation of sarcoplasmic reticulum Ca2+-pump activity by membrane fluidity. Almeida LM, et al. **Biochemistry** 1984 Sep 25;23(20):4714-20

alpha-Bungarotoxin immobilized and oriented on a lipid bilayer vesicle surface. Babbitt B, et al. **Biochemistry** 1985 Jan 1;24(1):15-21

Human erythrocyte hexose transporter activity is governed by bilayer lipid composition in reconstituted vesicles. Carruthers A, et al. **Biochemistry** 1984 Dec 18; 23(26):6901-11

Effects of bilayer cholesterol on human erythrocyte hexose transport protein activity in synthetic lecithin bilayers. Connolly TJ, et al. **Biochemistry** 1985 Jun 4;24(12):2865-73

Membrane bilayer balance and erythrocyte shape: a quantitative assessment. Ferrell JE Jr, et al. **Biochemistry** 1985 Jun 4;24(12):2849-57

Modulation of (Na+,K+)-ATPase activity by the lipid bilayer examined with dansylated phosphatidylserine. Harris WE. **Biochemistry** 1985 Jun 4;24(12):2873-83

Head-group contributions to bilayer stability: monolayer and calorimetric studies on synthetic, stereochemically uniform glucolipids. Hinz HJ, et al. **Biochemistry** 1985 Jan 29; 24(3):806-13

Acyl chain interdigitation in saturated mixed-chain phosphatidylcholine bilayer dispersions. Hui SW, et al. **Biochemistry** 1984 Nov 6;23(23):5570-7

Time-resolved fluorescence anisotropies of diphenylhexatriene and perylene in solvents and lipid bilayers obtained from multifrequency phase-modulation fluorometry. Lakowicz JR, et al. **Biochemistry** 1985 Jan 15;24(2):376-83

Bilayer membranes containing the ganglioside GM1: models for electrostatic potentials adjacent to biological membranes. McDaniel RV, et al. **Biochemistry** 1984 Sep 25;23(20):4618-24

New structural model for mixed-chain phosphatidylcholine bilayers. McIntosh TJ, et al. **Biochemistry** 1984 Aug 28; 23(18):4038-44

Ion selectivity of temperature-induced and electric field induced pores in dipalmitoylphosphatidylcholine vesicles. el-Mashak EM, et al. **Biochemistry** 1985 Jun 4; 24(12):2884-8

Calcium-promoted fusion of isolated chromaffin granules detected by resonance energy transfer between labeled lipids embedded in the membrane bilayer. Morris SJ, et al. **Biochemistry** 1984 Sep 25;23(20):4642-50

Structure and thermotropic properties of phosphatidylethanolamine and its N-methyl derivatives. Mulukutla S, et al. **Biochemistry** 1984 May 22;23(11):2514-9

Characterization of the fluorophore 4-heptadecyl-7-hydroxycoumarin: a probe for the head-group region of lipid bilayers and biological membranes. Pal R, et al. **Biochemistry** 1985 Jan 29; 24(3):573-81

Electron spin resonance and steady-state fluorescence polarization studies of lipid bilayers containing integral proteins. Pink DA, et al. **Biochemistry** 1984 Aug 28; 23(18):4051-8

14N NMR of lipid bilayers: effects of ions and anesthetics. Siminovitch DJ, et al. **Biochemistry** 1984 May 22; 23(11):2412-20

1-Palmitoyl-2-pyrenedecanoyl glycerophospholipids as membrane probes: evidence for regular distribution in liquid-crystalline phosphatidylcholine bilayers. Somerharju PJ, et al. **Biochemistry** 1985 May 21;24(11):2773-81

Translational diffusion of lipids in liquid crystalline phase phosphatidylcholine multibilayers. A comparison of experiment with theory. Vaz WL, et al. **Biochemistry** 1985 Jan 29;24(3):781-6

Modulation of membrane fusion by membrane fluidity: temperature dependence of divalent cation induced fusion of phosphatidylserine vesicles. Wilschut J, et al. **Biochemistry** 1985 Jan 1;24(1):8-14

Photoconversion of 7-dehydrocholesterol to vitamin D3 i synthetic phospholipid bilayers. Yamamoto JK, et al. **Biochemistry** 1985 Jun 18;24(13):3338-44

Phase transitions and fatty acid spin label behavior i interdigitated lipid phases induced by glycerol an polymyxin. Boggs JM, et al. **Biochim Biophys Acta** 198 Jun 27;816(2):221-33

Lecithin:cholesterol acyltransferase regulation. Effect c fluidity of dimyristoylphosphatidylcholine vesicles. Ellerb P, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):282-

The separate profile structures of the functional calciu pump protein and the phospholipid bilayer within isolat sarcoplasmic reticulum membranes determined by X-r and neutron diffraction. Herbette L, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):103-22

Effect of tryptophan derivatives on the phase properties bilayers. Jain MK, et al. **Biochim Biophys Acta** 1985 J 11;816(1):153-62

Pore-forming properties of iturin A, a lipopeptide antibiot Maget-Dana R, et al. **Biochim Biophys Acta** 1985 May 815(3):405-9

Raman spectroscopic study of an interdigitated lipid bilay Dipalmitoylphosphatidylcholine dispersed in glyce O'Leary TJ, et al. **Biochim Biophys Acta** 1984 Oct 776(2):185-9

Effect of organic mercury on the electrical resistance phosphatidylserine bilayers. Paiement J, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):179-81

Permeability and morphology of low temperature phase bilayers of single and of mixtures of phosphatidylcholi Singer MA, et al. **Biochim Biophys Acta** 1985 Jun 816(2):303-12

Solvent relaxation in lipid bilayers with dansyl probes. St CD, et al. **Biochim Biophys Acta** 1985 May 28;815(3):35

The effect of nonideal lateral mixing on the transmemb lipid asymmetry. Tenchov BG, et al. **Biochim Biophys Acta** 1985 May 28;815(3):380-91

Abscisic acid increases lipid bilayer permeability to ca as studied by phosphorus-31 NMR. Wassall SR, et **Biochim Biophys Acta** 1985 May 28;815(3):519-22

Absence of transbilayer diffusion of spin-la sphingomyelin on human erythrocytes. Comparison the diffusion of several spin-labeled glycerophospholi Zachowski A, et al. **Biochim Biophys Acta** 1985 Ma 815(3):510-4

Perturbation of egg phosphatidylcholine and dipalmitoylphosphatidylcholine multilamellar vesicl n-alkanols. A fluorescent probe study. Zavoico GB, **Biochim Biophys Acta** 1985 Jan 25;812(2):299-312

Interaction of prostaglandins with phospholipid ve serum lipoproteins and erythrocytes. Bergelson LD, **Biomed Biochim Acta** 1984;43(8-9):S121-4

Bilayer couple as a possible mechanism of biological formation. Svetina S, et al. **Biomed Biochim Acta** 44(6):979-86

Raman spectroscopic study of the interaction of poly-L-lysine with dipalmitoylphosphatidylglycerol bilayers. Carrier D, et al. **Biophys J** 1984 Oct;46(4):497-506

Hydration of noncharged lipid bilayer membranes. Theory and experiments with phosphatidylethanolamines. Cevc G, et al. **Biophys J** 1985 Jan;47(1):21-31

The vibrational spectrum of water in liquid alkanes. Conrad MP, et al. **Biophys J** 1985 Jul;48(1):117-24

Effect of divalent cations on the assembly of neutral and charged phospholipid bilayers in patch-recording pipettes. Coronado R. **Biophys J** 1985 Jun;47(6):851-7

Free energy potential for aggregation of giant, neutral lipid bilayer vesicles by Van der Waals attraction. Evans E, et al. **Biophys J** 1984 Sep;46(3):423-6

A laser-induced ultrasonic probe of the mechanical properties of aligned lipid multibilayers. Eyring G, et al. **Biophys J** 1985 Jan;47(1):37-42

Osmotic control of bilayer fusion. Fisher LR, et al. **Biophys J** 1984 Aug;46(2):253-8

Phospholipid surface bilayers at the air-water interface. II. Water permeability of dimyristoylphosphatidylcholine surface bilayers. Ginsberg L, et al. **Biophys J** 1985 Feb;47(2 Pt 1):211-5

Neutron scattering shows that cytochrome b5 penetrates deeply into the lipid bilayer. Gogol EP, et al. **Biophys J** 1984 Oct;46(4):491-5

Incorporation of ion channels from bovine rod outer segments into planar lipid bilayers. Hanke W, et al. **Biophys J** 1984 Nov;46(5):587-95

Lipid exchange between membranes. Jähnig F. **Biophys J** 1984 Dec;46(6):687-94

A self-consistent chain model for the phase transitions in lipid bilayer membranes. Kambara T, et al. **Biophys J** 1984 Sep;46(3):371-82

Distributed kinetics of decay of the photovoltage at the lipid bilayer-water interface. Liu TM, et al. **Biophys J** 1985 Jul;48(1):1-7

Mattress model of lipid-protein interactions in membranes. Mouritsen OG, et al. **Biophys J** 1984 Aug;46(2):141-53

Saturation behavior of single, amiloride-sensitive Na+ channels in planar lipid bilayers. Olans L, et al. **Biophys J** 1984 Dec;46(6):831-5

Interaction of cholesterol with galactocerebroside and galactocerebroside-phosphatidylcholine bilayer membranes. Ruocco MJ, et al. **Biophys J** 1984 Dec;46(6):695-707

Phospholipid surface bilayers at the air-water interface. I. Thermodynamic properties. Tajima K, et al. **Biophys J** 1985 Feb;47(2 Pt 1):203-9

Supported phospholipid bilayers. Tamm LK, et al. **Biophys J** 1985 Jan;47(1):105-13

Thickness dependence of monoglyceride bilayer membrane conductance. Vodyanoy I, et al. **Biophys J** 1984 Aug;46(2):187-93

Pressure effect on the rate of crystalline phase formation of L-alpha-dipalmitoylphosphatidylcholines in multilamellar dispersions. Wu WG, et al. **Biophys J** 1985 Feb;47(2 Pt 1):237-42

Cone-shaped lipids increase the susceptibility of phospholipids in bilayers to the action of phospholipases. Buckley JT. **Can J Biochem Cell Biol** 1985 Apr;63(4):263-7

Effect of phase transitions on the interaction of peptides and proteins with phospholipids. Epand RM, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1167-73

Carrier-mediated ion transport in lipid bilayer membranes. Laprade R, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):738-51

The thermodynamic properties of mixed phospholipid bilayers: a theoretical analysis. Mondat M, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):796-802

Theoretical studies of phospholipid bilayers and monolayers. Perturbing probes, monolayer phase transitions, and computer simulations of lipid-protein bilayers. Pink DA. **Can J Biochem Cell Biol** 1984 Aug;62(8):760-77 (75 ref.)

Physical force considerations in model and biological membranes. Rand RP, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):752-9

On the role of lipid-bilayer elasticity for the lipid-protein interaction and the indirect protein-protein coupling. Sackmann E, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):778-88

Evidence from cDNA clones that the rat leukocyte-common antigen (T200) spans the lipid bilayer and contains a cytoplasmic domain of 80,000 Mr. Thomas ML, et al. **Cell** 1985 May;41(1):83-93

Mixing of single-chain amphiphiles in two-chain lipid bilayers. 2. Characteristics of chlorophyll a and alpha-tocopherol incorporation in unilamellar phosphatidylcholine vesicles. Fragata M, et al. **Chem Phys Lipids** 1985 May;37(2):117-25

Regulation of trout gill AMP deaminase by lipid bilayers. Effects of phospholipid composition and temperature. Raffin JP, et al. **Comp Biochem Physiol [B]** 1985;80(4):685-92

Softening of lipid bilayers. Mouritsen OG, et al. **Eur Biophys J** 1985;12(2):75-86

A model for the lateral diffusion of 'stiff' chains in a lipid bilayer. Nadler W, et al. **Eur Biophys J** 1985;12(1):25-31

A comparison of the translational diffusion of a normal and a membrane-spanning lipid in L alpha phase 1-palmitoyl-2-oleoylphosphatidylcholine bilayers. Vaz WL, et al. **Eur Biophys J** 1985;12(1):19-24

The effect of bilayer order and fluidity on detergent-induced liposome fusion. Saez R, et al. **FEBS Lett** 1985 Jan 7;179(2):311-5

Phase transitions in spherical bilayer membranes prepared of bulk erythrocyte membrane lipids. Langner M, et al. **Gen Physiol Biophys** 1984 Dec;3(6):521-6

Elasticity, strength and stability of bilayer lipid membranes and their changes due to phospholipid modification. Passechnik VI, et al. **Gen Physiol Biophys** 1984 Dec;3(6):475-82

Red cell membrane cholesterol levels and their effects on transbilayer phospholipid asymmetry. Alam A. **Indian J Biochem Biophys** 1985 Feb;22(1):38-42

Outer membrane protein NmpC of Escherichia coli: pore-forming properties in black lipid bilayers. Hindahl MS, et al. **J Bacteriol** 1984 Sep;159(3):1053-5

Membrane NMR: a dynamic research area. Brown MF, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):71-81 (31 ref.)

Formation of a leakage-type ion pathway in lipid bilayer membranes by divalent cationic cyanine dyes in cooperation with inorganic phosphate. Role of the cyanine dye in uncoupling of oxidative phosphorylation. Takeguchi N, et al. **J Biol Chem** 1985 Aug 5;260(16):9158-61

Uncoupling of the membrane skeleton from the lipid bilayer. The cause of accelerated phospholipid flip-flop leading to an enhanced procoagulant activity of sickled cells. Franck PF, et al. **J Clin Invest** 1985 Jan;75(1):183-90

Optical and electrical properties of thin monoolein lipid bilayers. Dilger JP, et al. **J Membr Biol** 1985;85(2):181-9

Voltage dependence and ion selectivity of the mitochondrial channel, VDAC, are modified by succinic anhydride. Doring C, et al. **J Membr Biol** 1985;83(1-2):81-6

The mitochondrial voltage-dependent channel, VDAC, is modified asymmetrically by succinic anhydride. Doring C, et al. **J Membr Biol** 1985;83(1-2):87-94

Local dielectric properties around polar region of lipid bilayer membranes. Kimura Y, et al. **J Membr Biol** 1985;85(3):225-31

Effect of phospholipid surface charge on the conductance and gating of a Ca2+-activated K+ channel in planar lipid bilayers. Moczydlowski E, et al. **J Membr Biol** 1985;83(3):273-82

Apparent activation volumes of hydrophobic ions and carriers in planar lipid bilayers. Moronne M, et al. **J Membr Biol** 1985;84(3):221-7

Channels formed by colicin E1 in planar lipid bilayers are large and exhibit pH-dependent ion selectivity. Raymond L, et al. **J Membr Biol** 1985;84(2):173-81

Effect of gangliosides on phospholipid bilayers: a study with the lipophilic ions relaxation method. Usai C, et al. **J Membr Biol** 1984;82(1):15-23

Effect of micellar lipids on rabbit intestinal brush-border membrane phospholipid bilayer integrity studied by 31P NMR. Vallet-Strouve C, et al. **J Membr Biol** 1985;84(1):73-9

GM1 micelles modify the transport properties of the ionophore gramicidin D in artificial planar bilayers. Gambale F, et al. **J Neurosci Res** 1984;12(2-3):355

Lateral distribution of gangliosides in bilayer membranes: lipid and ionic effects. Peters MW, et al. **J Neurosci Res** 1984;12(2-3):343-53

Amiodarone partitioning with phospholipid bilayers and erythrocyte membranes. Chatelain P, et al. **J Pharm Sci** 1985 Jul;74(7):783-4

Equilibrium energy analysis of freeze-fracture planes in membranes. Kell MJ, et al. **J Theor Biol** 1985 Jul 7;115(1):103-27

The influence of local anesthetics on molecular organization in phosphatidylethanolamine membranes. Kelusky EC, et al. **Mol Pharmacol** 1984 Sep;26(2):314-21

Intrinsic curvature hypothesis for biomembrane lipid composition: a role for nonbilayer lipids. Gruner SM. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3665-9

Channels formed by botulinum, tetanus, and diphtheria toxins in planar lipid bilayers: relevance to translocation of proteins across membranes. Hoch DH, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1692-6

Theory of the intermediate rippled phase of phospholipid bilayers. Marder M, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6559-61

Different channel properties of Torpedo acetylcholine receptor monomers and dimers reconstituted in planar membranes. Schindler H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6222-6

[Effect of amphotericin B added to one side of a membrane] Kasumov KhM, et al. **Biofizika** 1985 Mar-Apr;30(2):281-4 (Eng. Abstr.) **(Rus)**

[Resistance of various protein channels to proteolytic degradation] Krasil'nikov OV, et al. **Biofizika** 1985 Jan-Feb;30(1):79-81 (Eng. Abstr.) **(Rus)**

[Iodine-containing hormones--dipole modifiers of phospholipid membranes] Tsybul'skaia MV, et al. **Biofizika** 1984 Sep-Oct;29(5):801-5 (Eng. Abstr.) **(Rus)**

[Specific electric resistance of a narrow gap between two lipid bilayer membranes] Viriasov SN, et al. **Biofizika** 1984 Sep-Oct;29(5):792-5 (Eng. Abstr.) **(Rus)**

[The effect of phospholipid metabolites on the structure of model membranes] Sorokoumova GM, et al. **Bioorg Khim** 1983 Aug;9(8):1106-11 (Eng. Abstr.) **(Rus)**

[Modification of the electric characteristics of bilayer lipid membranes by intramitochondrial thyroid hormone receptors] Kozhomkulov E, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):60-3 (Eng. Abstr.) **(Rus)**

[Properties of lipid bilayer membranes modified by brain Na+,K+-ATPase subunits] Sorokina ZA. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):418-27 (Eng. Abstr.) **(Rus)**

ANALYSIS

Fluorometric analysis of transferable membrane pores. Loew LM, et al. **Biochemistry** 1985 Apr 23;24(9):2101-4

Aggregation, lipid exchange, and metastable phases of dimyristoylphosphatidylethanolamine vesicles. Pryor C, et al. **Biochemistry** 1985 Apr 23;24(9):2203-9

Characterisation of channels induced in planar bilayer membranes by detergent solubilised Escherichia coli porins. Lakey JH, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):208-16

An X-ray diffraction analysis of oriented lipid multilayers containing basic proteins. MacNaughtan W, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):132-48

Evidence of a distribution difference between two gangliosides in bilayer membranes. Peters MW, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):419-28

On the localization of ubiquinone in phosphatidylcholine bilayers. Stidham MA, et al. **Biochim Biophys Acta** 1984 Dec 18;767(3):423-31

Organization of ganglioside GM1 in phosphatidylcholine bilayers. Thompson TE, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):229-37

Phosphatidylcholine bilayers: subtransitions in pure and in mixed lipids. Finegold L, et al. **Chem Phys Lipids** 1984 Aug;35(3):291-7

Effect of bilayer cholesterol content on reconstituted human erythrocyte sugar transporter activity. Connolly TJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2617-20

[Fluorescent probe--a cholesterol analog: localization in plasma lipoproteins and in model lipid particles] Lapshin EN, et al. **Biofizika** 1984 Nov-Dec;29(6):989-92 (Eng. Abstr.) **(Rus)**

BLOOD

Membrane phospholipid asymmetry as a factor in erythrocyte-endothelial cell interactions. Schlegel RA, et al. **J Cell Physiol** 1985 May;123(2):215-8

Phospholipid asymmetry in human erythrocyte ghosts. Williamson P, et al. **J Cell Physiol** 1985 May;123(2):209-14

METABOLISM

Transverse motion of spin-labeled 3,3',5-triiodo-L-thyronine in phospholipid bilayers. Lai CS, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):408-12

Bacterial lipopeptides induce ion-conducting pores in planar bilayers. Maget-Dana R, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):965-71

Intermembrane linkage mediated by tubulin. Vassilev P, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):559-65

Effect of antituberculous calixarenes on phospholipase A2 susceptibility and on fusion of phospholipid bilayers. Jain MK, et al. **Biochem J** 1985 May 1;227(3):789-94

Ca2+ binding to phosphatidylcholine bilayers as studied by deuterium magnetic resonance. Evidence for the formation of a Ca2+ complex with two phospholipid molecules. Altenbach C, et al. **Biochemistry** 1984 Aug 14;23(17):3913-20

Thermotropic and dynamic characterization of interactions of acylated alpha-bungarotoxin with phospholipid bilayer membranes. Babbitt B, et al. **Biochemistry** 1984 Aug 14;23(17):3920-6

Interactions of pyrene derivatives with lipid bilayers and with (Ca2+-Mg2+)-ATPase. Jones OT, et al. **Biochemistry** 1985 Apr 23;24(9):2195-202

The stoichiometry of A23187- and X537A-mediated calcium ion transport across lipid bilayers. Blau L, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):219-23

Effect of cholesterol on Ca2+-induced aggregation and fusion of sonicated phosphatidylserine/cholesterol vesicles. Braun G, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):688-94

The effects of pressure and cholesterol on rotational motions of perylene in lipid bilayers. Chong PL, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):253-65

The involvement of cytoskeleton in the regulation of transbilayer movement of phospholipids in human blood platelets. Comfurius P, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):143-8

A quantitative explanation of the effects of some alcohols on gramicidin single-channel lifetime. Elliott JR, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):401-4

Permeability of bilayer lipid membranes for superoxide (O2-.) radicals. Gus'kova RA, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):579-85

Comparative structural aspects of cation binding to phosphatidylserine bilayers. Hauser H, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):343-6

A fluorescence quenching technique for the measurement of paramagnetic ion concentrations at the membrane/water interface. Intrinsic and X537A-mediated cobalt fluxes across lipid bilayer membranes. Homan R, et al.

Biochim Biophys Acta 1985 Jan 25;812(2):485-92

Alcohol effects on rapid kinetics of water transport through lipid membranes and location of the main barrier. Inoue T, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):68-74

Action of phospholipase A2 on bilayers. Effect of fatty acid and lysophospholipid additives on the kinetic parameters. Jain MK, et al. **Biochim Biophys Acta** 1985 Apr 11; 814(2):313-8

Action of phospholipase A2 on bilayers. Effect of inhibitors. Jain MK, et al. **Biochim Biophys Acta** 1985 Apr 11; 814(2):319-26

The environment of tryptophan in pig pancreatic phospholipase A2 bound to bilayers. Jain MK, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):135-40

Interaction of influenza virus proteins with planar bilayer lipid membranes. I. Characterization of their adsorption and incorporation into lipid bilayers. El Karadaghi S, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):269-75

Multiequilibrium binding of a spin-labeled local anesthetic in phosphatidylcholine bilayers. Limbacher HP Jr, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):268-76

Ca2+-induced phase separation in black lipid membranes and its effect on the transport of a hydrophobic ion. Miller A, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):221-9

The monensin-mediated transport of sodium ions through phospholipid bilayers studied by 23Na-NMR spectroscopy. Riddell FG, et al. **Biochim Biophys Acta** 1985 Jul 25; 817(2):313-7

Effects of phenylamide herbicides on the physical properties of phosphatidylcholine membranes. Stidham MA, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):721-30

Effect of membrane fluidity upon binding of Electrophorus acetylcholinesterase to lipid vesicles. Tiller GE, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):543-52

Interaction of influenza virus proteins with planar bilayer lipid membranes. II. Effects of rimantadine and amantadine. Tverdislov VA, et al. **Biochim Biophys Acta** 1984 Dec 5; 778(2):276-80

Poly(DL-proline), a synthetic polypeptide behaving as an ion channel across bilayer membranes. De Santis P, et al. **Biophys Chem** 1985 Mar;21(3-4):211-5

The effect of oxygen on the amplitude of photodriven electron transfer across the lipid bilayer-water interface. Ilani A, et al. **Biophys J** 1985 May;47(5):679-84

Reconstitution of the complement channel into lipid vesicles and planar bilayers starting from the fluid phase complex. Menestrina G, et al. **Biosci Rep** 1985 Feb;5(2):129-36

Assembly of the endoplasmic reticulum phospholipid bilayer: the phosphatidylcholine transporter. Bishop WR, et al. **Cell** 1985 Aug;42(1):51-60

Interactions of pyrethroids with phosphatidylcholine bilayers: comparisons in liposomal systems exhibiting large or small radii of curvature. Stelzer KJ, et al. **Chem Biol Interact** 1985 Jun;54(1):105-16

A mechanism for phosphoglyceride and Ca2+ transbilayer movement. Reusch RN. **Chem Phys Lipids** 1985 Apr; 37(1):53-67

Leukotrienes and other lipid mediators of asthma. Lewis RA. **Chest** 1985 Jan;87(1 Suppl):5S-10S (60 ref.)

Microsomal membranes contain phosphatidylcholine that equilibrates across the bilayer, and phosphatidylcholine that does not. Hutson JL, et al. **FEBS Lett** 1985 Apr 8; 183(1):145-50

Rapid reconstitution of a transmembrane protein into supported planar lipid membranes. Nakanishi M. **FEBS Lett** 1984 Oct 29;176(2):385-8

Mechanical response of bilayer lipid membranes during bacteriorhodopsin conformation changes. Hianik T, et al. **Gen Physiol Biophys** 1985 Jun;4(3):331-6

Movement of cholesterol between vesicles prepared with different phospholipids or sizes. Fugler L, et al. **J Biol Chem** 1985 Apr 10;260(7):4098-102

Rapid kinetics of Ca2+-induced fusion of phosphatidylserine/phosphatidylethanolamine vesicles. The effect of bilayer curvature on leakage. Morris SJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4122-7

Phosphorylation, transbilayer movement, and facilitated intracellular transport of diacylglycerol are involved in the uptake of a fluorescent analog of phosphatidic acid by cultured fibroblasts. Pagano RE, et al. **J Biol Chem** 1985 Feb 10;260(3):1909-16

Transbilayer movement of a fluorescent phosphatidylethanolamine analogue across the plasma membranes of cultured mammalian cells. Sleight RG, et al. **J Biol Chem** 1985 Jan 25;260(2):1146-54

Batrachotoxin-activated Na+ channels in planar lipid bilayers. Competition of tetrodotoxin block by Na+. Moczydlowski E, et al. **J Gen Physiol** 1984 Nov; 84(5):665-86

Reconstituted P2/myelin-lipid multilayers. Sedzik J, et al. **J Neurochem** 1985 Sep;45(3):844-52

Kinetics of binding of membrane-active drugs to receptor sites. Diffusion-limited rates for a membrane bilayer approach of 1,4-dihydropyridine calcium channel antagonists to their active site. Rhodes DG, et al. **Mol Pharmacol** 1985 Jun;27(6):612-23

Channels in planar bilayers made from commercially available lipids. Gögelein H, et al. **Pflugers Arch** 1984 Aug; 401(4):433-4

[Ion channels formed in bilayer lipid membranes by large subunits of Na,K-ATPase and activated by ATP and p-nitrophenylphosphate] Mironov GP, et al. **Biofizika** 1984 Jul-Aug;29(4):688-90 (Eng. Abstr.) **(Rus)**

[Channel-forming properties of Steatoda paykulliana spider venom] Sokolov IuV, et al. **Biofizika** 1984 Jul-Aug; 29(4):620-3 (Eng. Abstr.) **(Rus)**

[Single conductivity channels in membranes formed from mitochondrial lipids] Iurkov IS, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1475-7 **(Rus)**

[Effect of modification of the lipid bilayer on the functioning of the electron transport chain of endoplasmic reticulum membranes in nitrosodiethylamine-induced hepatic carcinogenesis] Grinevich IuP, et al. **Eksp Onkol** 1984; 6(6):42-5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[Action of the alkyl derivatives of amphotericin B on the conductivity of bilayer lipid membranes] Kasumov KhM, et al. **Antibiotiki** 1984 Jul;29(7):513-6 (Eng. Abstr.) **(Rus)**

[alpha-Tocopherol--a modifier of the phase state of a lipid bilayer] Skrypin VI, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):673-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Pressure effects on mechanisms of charge transport across bilayer membranes. Aldridge BE, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):343-54

RADIATION EFFECTS

[Mechanism of microwave action on model membrane systems] Akoev IG, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):41-52 (Eng. Abstr.) **(Rus)**

LIPID EMULSIONS, INTRAVENOUS see **FAT EMULSIONS, INTRAVENOUS**

LIPID METABOLISM, INBORN ERRORS

The airway of patients with a lipid storage disease. Wark H, et al. **Anaesth Intensive Care** 1984 Nov;12(4):343-4

[Cholesterol ester storage disease (CESD)] Hanák J, et al. **Cesk Pediatr** 1984 Dec;39(12):721-5 (Eng. Abstr.) **(Cze)**

BLOOD

Characterization of plasma lipids and lipoproteins in cholesteryl ester storage disease. Kelly DR, et al. **Biochem Med** 1985 Feb;33(1):29-37

COMPLICATIONS

Schizophreniform psychosis and adrenomyeloneuropathy. James AC, et al. **J R Soc Med** 1984 Oct;77(10):882-4

DIAGNOSIS

Fatal lipid storage disorder. Matsuishi T, et al. **Brain Dev** 1984;6(3):339-44

Diagnosis of atypical patients with lipid storage diseases. Wenger DA. **Brain Dev** 1985;7(2):111-5

New fluorometric assay of lysosomal acid lipase and its application to the diagnosis of Wolman and cholesteryl ester storage diseases. Negre AE, et al. **Clin Chim Acta** 1985 Jun 30;149(1):81-8

Biochemical investigations on a patient with a defect in cytosolic acetoacetyl-CoA thiolase, associated with mental retardation. Bennett MJ, et al. **J Inherited Metab Dis** 1984; 7(3):125-8

Development of plasma 21-deoxycortisol radioimmunoassay and application to the diagnosis of patients with 21-hydroxylase deficiency. Milewicz A, et al. **J Steroid Biochem** 1984 Aug;21(2):185-91

Prenatal diagnosis of Zellweger cerebrohepatorenal syndrome [letter] Hajra AK, et al. **N Engl J Med** 1985 Feb 14;312(7):445-6

Wolman's disease. Ultrasound and CT diagnosis. Dutton RV. **Pediatr Radiol** 1985;15(2):144-6

[Diagnosis of Zellweger's cerebrohepatorenal syndrome] Schutgens RB, et al. **Tijdschr Kindergeneeskd** 1984 Dec; 52(6):231-8 (Eng. Abstr.) **(Dut)**

DRUG THERAPY

Long-term treatment of cerebrotendinous xanthomatosis with chenodeoxycholic acid. Berginer VM, et al. **N Engl J Med** 1984 Dec 27;311(26):1649-52

[Timely treatment of cerebrotendinous xanthomatosis, a hereditary disorder of cholesterol metabolism] Waterreus RJ, et al. **Ned Tijdschr Geneeskd** 1984 Aug 25; 128(34):1604-7 (Eng. Abstr.) **(Dut)**

ENZYMOLOGY

New spectrophotometric assays of acid lipase and their use in the diagnosis of Wolman and cholesteryl ester storage diseases. Nègre A, et al. **Anal Biochem** 1985 Mar; 145(2):398-405

Characteristics of acid esterase in Wolman's disease. Maehira F, et al. **Biochem Med** 1984 Dec;32(3):322-30

Alkyl dihydroxyacetone phosphate synthase in human fibroblasts and its deficiency in Zellweger syndrome. Schrakamp G, et al. **J Lipid Res** 1985 Jul;26(7):867-73

FAMILIAL & GENETIC

Ichthyosis and neutral lipid storage disease. Williams ML, et al. **Am J Med Genet** 1985 Apr;20(4):711-26

Cerebrotendinous xanthomatosis in Hawaii--a therapeutic failure. Hinman RC. **Hawaii Med J** 1984 Dec;43(12):472-3, 477-8

The peroxisomal disorders. Moser HW, et al. **Hosp Pract [Off]** 1985 Sep 15;20(9):61-70

METABOLISM

Heterogeneity of tissue sterols and glycerolipids in Wolman's disease. Lin HJ, et al. **Biochem Med** 1985 Jun;33(3):342-9

Mitochondrial myopathies: defects in beta-oxidation. Turnbull DM, et al. **Biochem Soc Trans** 1985 Aug; 13(4):645-7

Cholesterol ester storage disease in an adult presenting with sea-blue histiocytosis. Besley GT, et al. **Clin Genet** 1984 Sep;26(3):195-203

Synthesis and structure of 26 (or 27)-nor-5 beta-cholestane-3 alpha,7 alpha,12 alpha,24S,25 xi-pentol isolated from the urine and feces of a patient with sitosteroiemia and xanthomatosis. Dayal B, et al. **J Lipid Res** 1985 Mar; 26(3):298-305

Cerebrotendinous xanthomatosis [letter] Barron JL. **N Engl J Med** 1985 Aug 15;313(7):455

Cerebrotendinous xanthomatosis [editorial] Grundy SM. **N Engl J Med** 1984 Dec 27;311(26):1694-5

Short-chain acyl-CoA dehydrogenase deficiency associated with a lipid-storage myopathy and secondary carnitine deficiency. Turnbull DM, et al. **N Engl J Med** 1984 Nov 8;311(19):1232-6

Cholesterol ester and triglyceride metabolism in intact fibroblasts from patients with Wolman's disease and cholesterol ester storage disease. Burton BK, et al. **Pediatr Res** 1984 Dec;18(12):1242-5

[Pathomembranology and concept of membrane diseases] Nozawa Y. **Nippon Rinsho** 1985 Apr;43(4):790-3 **(Jpn)**

PATHOLOGY

Neutral lipid storage disease with ichthyosis. Defective lamellar body contents and intracellular dispersion. Elias PM, et al. **Arch Dermatol** 1985 Aug;121(8):1000-8

Ultrastructural and cytochemical demonstration of peroxisomes in cultured fibroblasts from patients with peroxisomal deficiency disorders. Arias JA, et al. **J Cell Biol** 1985 May;100(5):1789-92

Heritable metabolic storage diseases. Gebhart W. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):348-57

Neurological mutation characterized by dysmyelination in NCTR-Balb/C mouse with lysosomal lipid storage disease. Weintraub H, et al. **J Neurochem** 1985 Sep;45(3):665-72

The cerebro-hepato-renal (Zellweger) syndrome: lamellar lipid profiles in adrenocortical, hepatic mesenchymal, astrocyte cells and increased levels of very long chain fatty acids and phytanic acid in the plasma. Aubourg P, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):9-25

[Diagnostic significance of muscle biopsies in metabolic myopathies. I. Myopathology] Pongratz D, et al. **Klin Wochenschr** 1984 Jul 2;62(13):603-12 (Eng. Abstr.) **(Ger)**

[Metabolic triglyceride storage disorders. A report of 2 cases of systemic carnitine deficiency] Künnert B, et al. **Zentralbl Allg Pathol** 1984;129(5):413-22 (Eng. Abstr.) **(Ger)**

LIPID MOBILIZATION

Lipolysis and cyclic-AMP-dependent protein kinase in adipocytes: adenylate cyclase regulators versus insulin. Londos C, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:221-34

Selectivity in mobilisation of stored fatty acids by maturing cod, Gadus morrhua L. Takama K, et al. **Comp Biochem Physiol [B]** 1985;80(4):713-8

Effects of four-day fast on triglyceride mobilization in human adipocytes. Andrews J, et al. **Int J Obes** 1984;8(4):355-63

Plasma phospholipid transfer protein enhances transfer and exchange of phospholipids between very low density lipoproteins and high density lipoproteins during lipolysis. Tall AR, et al. **J Lipid Res** 1985 Jul;26(7):842-51

Adipocyte fatty acid mobilization in vivo: effects of age and anatomical location. Hartman AD. **Lipids** 1985 May; 20(5):255-61

Adipose tissue mobilization is unaffected by obesifying hypothalamic knife cuts. Jones AP, et al. **Physiol Behav** 1985 Jan;34(1):29-31

DRUG EFFECTS

The influence of insulin on the flux of lipid metabolism i vivo. Kilworth L, et al. **Biochem Int** 1985 Apr;10(4):539-47

Sex differences of normal dogs in lipid mobilization and bloo glucose levels after glucose or insulin infusion. dos-Santo BP, et al. **Braz J Med Biol Res** 1984;17(3-4):335-40

The effects of synthetic locust adipokinetic hormone o dispersed locust fat body cell preparations: cAM induction, lipid mobilization, and inhibition of protei synthesis. Asher C, et al. **Gen Comp Endocrinol** 1984 Aug 55(2):167-73

Acute in vivo stimulatory effects of human pituitar lipid-mobilizing factor on plasma levels of glucagon an insulin in rabbits. Knudtzon J, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:1-6

Effect of beta-adrenergic blockade on lipid mobilization induced by fasting in dogs. Kozlowski S, et al. **Horm Metab Res** 1985 Jan;17(1):8-11

Inhibition of lipolysis by adenosine is potentiated with age. Hoffman BB, et al. **J Clin Invest** 1984 Nov;74(5):1750-5

Effects of chronic ethanol intake on mobilization and excretion of cholesterol in baboons. Karsenty C, et al. **J Clin Invest** 1985 Mar;75(3):976-86

Plasma decay of chylomicron remnants is not affected by heparin-stimulated plasma lipolytic activity in normal fasting man. Berr F, et al. **J Lipid Res** 1985 Jul;26(7):852-9

Comparative studies of prostaglandin E2, phenylisopropyladenosine, clonidine and propranolol on lipolysis stimulated by methylisobutylxanthine and isoprenaline in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):183-90

[Essential fatty acids in adipose tissue] Caponnetto A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2127-9 (Eng. Abstr.) **(Ita)**

LIPID PEROXIDES

Site-specific DNA damage caused by lipid peroxidation products. Ueda K, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):341-8

Effects of methyl linoleate hydroperoxide and hydrogen peroxide on N-nitrosation of dimethylamine. Kikugawa K, et al. **Food Chem Toxicol** 1985 Mar;23(3):339-42

Lipid peroxidation and radical formation in methyl linoleate following ultraviolet light exposure. Sugiyama M, et al. **J Dermatol (Tokyo)** 1984 Oct;11(5):455-9

Fe2+-induced lysis and lipid peroxidation of chromaffin granules. Spears RM, et al. **J Neurochem** 1985 May;44(5):1559-65

Peroxidation of the dried thin film of lipid by high-energy alpha particles from a cyclotron. Agarwal S, et al. **Radiat Res** 1984 Nov;100(2):257-63

[Study of radicals formed in the interaction of organic hydroperoxides with ferric ions using the spin trap method] Osipov AN, et al. **Biofizika** 1984 Jul-Aug;29(4):533-6 (Eng. Abstr.) **(Rus)**

ANALYSIS

High-performance liquid chromatographic determination of phospholipid peroxidation products of rat liver after carbon tetrachloride administration. Terao J, et al. **Arch Biochem Biophys** 1984 Dec;235(2):326-33

A new assay method for lipid peroxides using a methylene blue derivative. Ohishi N, et al. **Biochem Int** 1985 Feb;10(2):205-11

Malondialdehyde formation from lipid peroxides in the thiobarbituric acid test: the role of lipid radicals, iron salts, and metal chelators. Gutteridge JM, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):293-9

Concurrent measurement of (Na+, K+)-ATPase activity and lipid peroxides in rat brain following reversible global ischemia. Goldberg WJ, et al. **Neurochem Res** 1984 Dec;9(12):1737-47

Lipid peroxides in human articular cartilage. Mitrovic DR, et al. **Rheumatol Int** 1984;5(1):33-7

[Management of inflammation. Lipid peroxide and proamidase as parameters for better understanding of inflammatory processes] Nishikaze O. **Rinsho Byori** 1985 Mar;33(3):268-78 **(Jpn)**

[Coronary reserve and the concentration of lipid peroxidation products in the saliva of hypertension patients] Briukhovetskii AG, et al. **Klin Med (Mosk)** 1985 Jan;63(1):69-74 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Disturbances of the heart structure and function in chronic hemolytic anemia, their compensation with increased coronary flow, and their prevention with ionol, an inhibitor of lipid peroxidation. Meerson FZ, et al. **Adv Myocardiol** 1985;5:201-11

BIOSYNTHESIS

Lipid peroxidation effects on isolated rat retina. Braquet P, et al. **Adv Exp Med Biol** 1984;180:847-52

Halothane-induced lipid peroxidation and glucose-6-phosphatase inactivation in microsomes under hypoxic conditions. de Groot H, et al. **Anesthesiology** 1985 Jan;62(1):44-8

Increased lipid peroxidation in tissues of nickel chloride-treated rats. Sunderman FW Jr, et al. **Ann Clin Lab Sci** 1985 May-Jun;15(3):229-36

Superoxide-dependent lipid peroxidation and vitamin E content of microsomes from hepatomas with different growth rates. Borrello S, et al. **Arch Biochem Biophys** 1985 May 1;238(2):588-95

Lipid peroxidation increases the molecular order of microsomal membranes. Curtis MT, et al. **Arch Biochem Biophys** 1984 Dec;235(2):644-9

The effect of concentration on the antioxidant effectiveness of alpha-tocopherol in lipid peroxidation induced by superoxide free radicals. Fukuzawa K, et al. **Arch Biochem Biophys** 1985 Jul;240(1):117-20

The effect of iron overload on urinary excretion of immunoreactive prostaglandin E2. Gavino VC, et al. **Arch Biochem Biophys** 1985 Mar;237(2):322-7

Release of ethane and pentane from rat tissue slices: effect of vitamin E, halogenated hydrocarbons, and iron overload. Gavino VC, et al. **Arch Biochem Biophys** 1984 Sep;233(2):741-7

Initiation of membranal lipid peroxidation by activated metmyoglobin and methemoglobin. Kanner J, et al. **Arch Biochem Biophys** 1985 Mar;237(2):314-21

Inhibition of microsomal lipid peroxidation by naphthoquinones: structure-activity relationships and possible mechanisms of action. Talcott RE, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):88-94

A novel biologically active selenoorganic compound--IV. Protective glutathione-dependent effect of PZ 51 (ebselen) against ADP-Fe induced lipid peroxidation in isolated hepatocytes. Müller A, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1185-9

Cephaloridine-induced lipid peroxidation initiated by reactive oxygen species as a possible mechanism of cephaloridine nephrotoxicity. Cojocel C, et al. **Biochim Biophys Acta** 1985 May 17;834(3):402-10

Functional disability of rat splenocytes provoked to lipid peroxidation by cumene hydroperoxide. Shimura J, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):43-7

Inhibition of lipid peroxidation in muscle homogenates by phospholipase A2 inhibitors. Jackson MJ, et al. **Biosci Rep** 1984 Jul;4(7):581-7

Neutrophils mediate lipid peroxidation in human red cells. Claster S, et al. **Blood** 1984 Nov;64(5):1079-84

Taūrine and hypotaurine inhibit light-induced lipid peroxidation and protect rod outer segment structure. Pasantes-Morales H, et al. **Brain Res** 1985 Mar 18;330(1):154-7

Methapyrilene induces membrane lipid peroxidation of rat liver cells. Perera MI, et al. **Carcinogenesis** 1985 Jun;6(6):925-7

Characterization of a Ca2+-stimulated lipid peroxidizing system in the sea urchin egg. Perry G, et al. **Dev Biol** 1985 Jan;107(1):47-57

Low rate of NADPH/ADP-iron dependent lipid peroxidation in hepatic microsomes of DBA/2 mice. Cheeseman KH, et al. **FEBS Lett** 1985 May 20;184(2):343-6

Radioprotective effect of 2-mercaptopropionylglycine on radiation-induced microsomal lipid peroxidation. Ayene SI, et al. **Int J Radiat Biol** 1985 Aug;48(2):197-205

Selenium deficiency potentiates paraquat-induced lipid peroxidation in isolated perfused rat lung. Glass M, et al. **J Appl Physiol** 1985 Aug;59(2):619-22

Biosynthesis and metabolism of 15-hydroperoxy-5,8,11,13-eicosatetraenoic acid by human umbilical vein endothelial cells. Hopkins NK, et al. **J Biol Chem** 1984 Nov 25;259(22):14048-53

The influence of marine oil intake upon levels of lipids, alpha-tocopherol and lipid peroxidation in serum and liver of rats. Mouri K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):307-18

Effect of alpha-tocopherol on lipid peroxidation and acyl chain mobility of liver microsomes from vitamin E-difficient rat. Ohki K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):221-34

Lipid peroxidation in developing rat brain during undernutrition. Chakrabarti S, et al. **Neurosci Lett** 1984 Jul 27;48(2):109-13

Assessment of lipid peroxidation in newborn infants and rabbits by measurements of expired ethane and pentane: influence of parenteral lipid infusion. Wispe JR, et al. **Pediatr Res** 1985 Apr;19(4):374-9

The role of iron in the NADPH-dependent lipid peroxidation due to glutathione depletion by phorone. Younes M, et al. **Pharmacol Res Commun** 1984 Feb;16(2):153-60

Studies on the activities of tannins and related compounds; V. Inhibitory effects on lipid peroxidation in mitochondria and microsomes of liver. Kimura Y, et al. **Planta Med** 1984 Dec;50(6):473-7

Mechanism of antihepatotoxic activity of atractylon, I: Effect on free radical generation and lipid peroxidation. Kiso Y, et al. **Planta Med** 1985 Apr;(2):97-100

Effect of the antioxidant (+)-cyanidanol-3 on H2O2 formation and lipid peroxidation in liver microsomes. Ritter J, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):48-58

[Effect of qing court shoutao powder on the production of lipid peroxides in rat liver homogenates] Chen WW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):686-8, 645 (Eng. Abstr.) **(Chi)**

[Lipid peroxidation and free radicals. Role in cellular biology and pathology] Clavel JP, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):61-9 (108 ref.) (Eng. Abstr.) **(Fre)**

[Biochemical aspects of endotoxicosis in rat: lipid peroxide formation and the effect of free radical scavengers] Sekigawa T. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):1-19 (Eng. Abstr.) **(Jpn)**

[Free-radical lipid peroxidation reactions in pulmonary edema] Farkhutdinov RR, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):46-9 (Eng. Abstr.) **(Rus)**

[State of lipid peroxidation and thymus-dependent immunity system in patients with allergic diseases of the respiratory organs during rehabilitation in a mountain climate] Sutkovoi DA, et al. **Fiziol Zh** 1985 May-Jun;31(3):287-91 (Eng. Abstr.) **(Rus)**

[Effect of hypokinesia on lipid peroxidation in the tissues of rats on an atherogenic diet] Shidlovskaia TE, et al. **Kardiologiia** 1984 Nov;24(11):116-8 **(Rus)**

[Lipid peroxidation in patients with both pulmonary tuberculosis and diabetes mellitus] Kravtsova IV, et al. **Probl Tuberk** 1984 Nov;(11):20-4 (Eng. Abstr.) **(Rus)**

[Oxidative phosphorylation in the rat liver mitochondria under activation of lipid peroxidation] Sutkovoi DA, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):79-81 (Eng. Abstr.) **(Rus)**

[Clinico-diagnostic and pathogenetic significance of lipid peroxidation in interstitial nephritis in children] Rzhevskaia ON, et al. **Urol Nefrol (Mosk)** 1984 Nov-Dec;(6):56-61 (Eng. Abstr.) **(Rus)**

[Antineoplastic agents as initiators of lipid peroxidation] Pal'mina NP, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):85-91 (116 ref.) **(Rus)**

[Qualitative and quantitative features of the enzymatic production of superoxide radicals by the intracellular membranes of tumors] Peskin AV, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):32-5 (Eng. Abstr.) **(Rus)**

BLOOD

Effect of thyrotropin (TSH) treatment on the vitamins A and E and lipid-peroxide status of domestic fowl. Mézes M. **Acta Vet Hung** 1984;32(3-4):175-80

The effects of Ba-wei-wan (hachimijiogan) on plasma levels of high density lipoprotein-cholesterol and lipoperoxide in aged individuals. Yoshida H, et al. **Am J Chin Med** 1985;13(1-4):71-6

Selective microdetermination of lipid hydroperoxides. Marshall PJ, et al. **Anal Biochem** 1985 Feb 15;145(1):192-9

Lipid photooxidation in erythrocyte ghosts: sensitization of the membranes toward ascorbate- and superoxide-induced peroxidation and lysis. Girotti AW, et al. **Arch Biochem Biophys** 1985 Jan;236(1):238-51

Haptoglobin and lipoperoxides in rabbit plasma under turpentine- and endotoxin-induced inflammation. Dobryszycka W, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):47-52

Effect of gamma-oryzanol on serum lipid peroxide level and clinical symptoms of patients with climacteric disturbances. Ishihara M. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):317-23

t-butyl hydroperoxide-induced perturbations of human erythrocytes as a model for oxidant stress. Rice-Evans C, et al. **Biochim Biophys Acta** 1985 May 28;815(3):426-32

Fluorescent substances in mouse and human sera as a parameter of in vivo lipid peroxidation. Tsuchida M, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):196-204

Serum lipid peroxide levels of patients suffering from thermal injury. Hiramatsu M, et al. **Burns Incl Therm Inj** 1984 Dec;11(2):111-6

Plasma levels of vitamin E and lipoperoxide during paediatric anaesthesia. Obara H, et al. **Can Anaesth Soc J** 1985 Jul;32(4):358-63

Serum selenium and glutathione peroxidase, and plasma lipid peroxides in uterine, ovarian or vulvar cancer, and their responses to antioxidants in patients with ovarian cancer. Sundström H, et al. **Cancer Lett** 1984 Aug;24(1):1-10

Lipid peroxidation in red blood cell membranes. Sharabani M, et al. **Cell Mol Biol** 1984;30(4):329-36

Enhanced lipid peroxidation of erythrocyte membranes and phosphatidylcholine liposomes induced by a xanthine oxidase system in the presence of catalase. Miura T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3227-34

Decreased susceptibility of red blood cells to lipid peroxidation in patients with alcoholic liver cirrhosis. Clemens MR, et al. **Clin Chim Acta** 1985 Feb 15;145(3):283-8

Plasma lipid peroxides and alpha-tocopherol in critically ill patients. Takeda K, et al. **Crit Care Med** 1984 Nov;12(11):957-9

Significance of erythrocyte lipid peroxidation and superoxide dismutase activity in a patient with idiopathic pulmonary haemosiderosis. Kobayashi Y, et al. **Eur J Pediatr** 1984 Nov;143(1):64-6

Chemiluminescent assay of lipid peroxide in plasma using cytochrome c heme peptide. Iwaoka T, et al. **FEBS Lett** 1984 Dec 3;178(1):47-50

Antioxidant defence system of erythrocytes in relation to Agrobacterium tumefaciens lipopolysaccharide administration in mice. Haldar S, et al. **Indian J Exp Biol** 1984 Mar;22(3):123-5

Lipid peroxidation and alpha-tocopherol during an acute respiratory failure after near drowning. Bertrand Y, et al. **Intensive Care Med** 1985;11(2):65-7

In vivo externalization of phosphatidylserine and phosphatidylethanolamine in the membrane bilayer and hypercoagulability by the lipid peroxidation of erythrocytes in rats. Jain SK. **J Clin Invest** 1985 Jul;76(1):281-6

Systemic complement activation, lung injury, and products of lipid peroxidation. Ward PA, et al. **J Clin Invest** 1985 Aug;76(2):517-27

Presence of lipid hydroperoxide in human plasma. Warso MA, et al. **J Clin Invest** 1985 Feb;75(2):667-71

Comment on increased erythrocyte susceptibility to lipid peroxidation in myeloproliferative disorders [letter] Das Gupta A, et al. **J Lab Clin Med** 1984 Dec;104(6):1035-6

Influence of silymarin and some flavonoids on lipid peroxidation in human platelets. Koch HP, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):13-8

[Lipid peroxides and antioxidants in the blood of patients with arteriosclerotic circulatory disorders] Peters HJ, et al. **Z Gesamte Inn Med** 1985 May 1;40(9):276–8 (Eng. Abstr.) **(Ger)**

[The correlation between diabetic retinopathy and serum lipoperoxide] Niimi K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):379–82 (Eng. Abstr.) **(Jpn)**

[Platelet lipid peroxides in acute cerebral vascular disease] Okamoto F. **Nippon Ika Daigaku Zasshi** 1984 Oct; 51(5):573–80 (Eng. Abstr.) **(Jpn)**

[Cigarette smoking and lung metabolism––effect of cigarette smoking on blood levels of 6–keto PGF1 alpha, thromboxane B2 and lipoperoxide in healthy volunteers] Ishihara Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1122–6 (Eng. Abstr.) **(Jpn)**

[Studies on determination of plasma lipoperoxide. 3. Effect of the bilirubin level] Shikakura K, et al. **Rinsho Byori** 1984 Jul;32(7):797–800 **(Jpn)**

[Role of bilirubin as a natural antioxidant in regulating lipid peroxidation intensity in acute viral hepatitis] Bliuger AF, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):166–8 (Eng. Abstr.) **(Rus)**

[Induction of lipid peroxidation in the erythrocytes during cholesterol oxidation catalysed by cholesterol oxidase] Kagan VE, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):179–81 (Eng. Abstr.) **(Rus)**

[Effect of the antioxidant dibunol on the composition and lipid peroxidation intensity of the blood of ischemic heart disease patients] Sal'nikov MI, et al. **Dokl Akad Nauk SSSR** 1984;278(3):747–51 **(Rus)**

[Peroxidation of blood lipids in relation to age and body weight] Gatsko GG, et al. **Fiziol Cheloveka** 1985 Mar–Apr; 11(2):307–10 **(Rus)**

[Lipid peroxidation in hereditary thrombocytopathies] Bolotina ED, et al. **Gematol Transfuziol** 1985 Jan;30(1):27–9 (Eng. Abstr.) **(Rus)**

[Effect of metabolic compensation in diabetes mellitus on lipid peroxidation processes] Bodnar PN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):98–101 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation of the blood neutrophils of patients with an ischemic insult and myocardial infarct and of their relatives] Davidenkova EF, et al. **Klin Med (Mosk)** 1984 Nov;62(11):79–81 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation and superoxide dismutase activity in the erythrocytes of young children with pneumonia] Reznik BIa, et al. **Pediatriia** 1984 Sep;(9):16–9 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in erythrocytes of patients with diabetes mellitus and diabetic angiopathies] Efimov AS, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):6–9 (Eng. Abstr.) **(Rus)**

[Age–related characteristics of lipid peroxidation in the blood in alloxan diabetes] Gatsko GG, et al. **Probl Endokrinol (Mosk)** 1985 Mar–Apr;31(2):68–70 (Eng. Abstr.) **(Rus)**

[Utilization of active forms of oxygen and lipoperoxides in the blood of patients with myocardial infarction] Lankin VZ, et al. **Ter Arkh** 1985;57(5):58–62 **(Rus)**

[Effect of extreme factors and adaptation to high–altitude conditions on peroxidation indices of serum lipids] Sutkovoĭ DA, et al. **Ukr Biokhim Zh** 1985 May–Jun;57(3):78–80 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation products in the blood of patients with acute myocardial infarction treated and untreated with the antioxidant dibunol] Churakova TD, et al. **Vestn Akad Med Nauk SSSR** 1985;(4):71–4 (Eng. Abstr.) **(Rus)**

[Free–radical oxidation and the hemostatic system in the dynamics of traumatic disease] Deriabin II, et al. **Vestn Khir** 1984 Sep;133(9):86–9 (Eng. Abstr.) **(Rus)**

[Effect of vitamin E electrophoresis on lipid peroxidation and antioxidant system of the blood in patients with ischemic heart disease] Pogosian NR, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May–Jun; (3):60–1 **(Rus)**

[Peroxidation and the antioxidation system in the blood in ontogenesis] Dubinina EE, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):28–33 (Eng. Abstr.) **(Rus)**

[Free radical oxidation of lipids and erythrocyte stability to hemolysis in healthy and sick children] Iurkov IuA, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):101–6 (Eng. Abstr.) **(Rus)**

[Peroxidation of blood serum lipids in rabbits with various thyroid functions] Marzoev AI, et al. **Vopr Med Khim** 1985 Mar–Apr;31(2):14–7 (Eng. Abstr.) **(Rus)**

[Effect of jogging on lipid peroxidation, blood coagulation and anti–aggregation properties of the vascular wall] Mishchenko VP, et al. **Vopr Med Khim** 1985 Jan–Feb; 31(1):99–102 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in patients with gastric ulcer and cancer] Vainshtein SG, et al. **Vopr Onkol** 1984;30(10):39–41 (Eng. Abstr.) **(Rus)**

[Lipoprotein metabolism, tocopherol level and peroxide imbalance in patients with nonspecific lung diseases] Iakovleva OIa, et al. **Vrach Delo** 1984 Oct;(10):39–42 (Eng. Abstr.) **(Rus)**

[Free–radical oxidation of lipids and coagulative activity of erythrocytes in patients with ischemic heart disease] Mishchenko VP, et al. **Vrach Delo** 1985 Mar;(3):47–9 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

[Spectrophotometric evaluation of diene conjugates] Kostiuk VA, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):125–7 (Eng. Abstr.) **(Rus)**

METABOLISM

Effects of a herbicide on the peroxide metabolism enzymes and lipid peroxidation in carp fish (Hypophthalmichthys molitrix). Matkovics B, et al. **Acta Biol Hung** 1984; 35(1):91–6

Liver lipid peroxidation induced by cholesterol and its treatment with a dihydroquinoline type free radical scavenger in rabbits. Sulyok S, et al. **Acta Physiol Hung** 1984;64(3–4):437–42

Mode of lipid peroxidation–induced inhibition of Na, K–ATPase. Arkhipenko YuV, et al. **Acta Physiol Pharmacol Bulg** 1985;11(1):70–8

Formation of inhibitors of lipid peroxidation during oxidative metabolism of hydrophobic xenobiotics catalyzed by mixed function oxygenases. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):46–56

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: II. The interrelation between lipid peroxidation and proteolytic degradation of cytochrome P–450. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):82–9

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: I. The role of peroxidation of membrane phospholipids. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):73–81

Effect of ethanol and iron on the hepatic and biliary levels of glutathione and lipid peroxidative indexes. Videla LA, et al. **Alcohol** 1985 May–Jun;2(3):457–62

Liver glutathione depletion induced by bromobenzene, iodobenzene, and diethylmaleate poisoning and its relation to lipid peroxidation and necrosis. Casini AF, et al. **Am J Pathol** 1985 Feb;118(2):225–37

Lipid peroxidation and acute lung injury after thermal trauma to skin. Evidence of a role for hydroxyl radical. Till GO, et al. **Am J Pathol** 1985 Jun;119(3):376–84

Postischemic tissue injury by iron–mediated free radical lipid peroxidation. White BC, et al. **Ann Emerg Med** 1985 Aug; 14(8):804–9

Mechanisms and consequences of lipid peroxidation in biological systems. Sevanian A, et al. **Annu Rev Nutr** 1985; 5:365–90 (135 ref.)

Effects of dietary polyunsaturated fats and vitamin E on aging and peroxidative damage to DNA. Summerfield FW, et al. **Arch Biochem Biophys** 1984 Sep;233(2):408–16

Effects of vitamins E and A on 2,3,7,8–tetrachlorodibenzo–p–dioxin (TCDD)–induced lipid peroxidation and other biochemical changes in the rat. Hassan MQ, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):437–42

Toxic oil syndrome, Spain: effect of oleoylanilide on the release of polysaturated fatty acids and lipid peroxidation in rats. Suarez A, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):131–6

Absence of lipid peroxidation as determined by ethane exhalation in rats treated with 2, 3, 7, 8–tetrachlorodibenzo–p–dioxin (TCDD). Robertson LW, et al. **Arch Toxicol** 1985 Apr;57(1):13–6

The correlation between catecholamine and lipid peroxidation induced damage in heart cells. Noronha–Dutra AA, et al. **Basic Res Cardiol** 1985;80 Suppl 1:133–6

Rapid reduction by IAA of malondialdehyde levels in avena coleoptiles, a possible effect on lipid peroxidation. Dhindsa RS, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):76–81

Effect of Fe2+ –induced lipid peroxidation upon microsomal steroidogenic enzyme activities of porcine adrenal cortex. Imataka H, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):657–63

The effect of ferric iron complex on Ca2+ transport in isolated rat liver mitochondria. Masini A, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):207–13

Inhibition of lipid peroxidation by a novel compound (CV–2619) in brain mitochondria and mode of action of the inhibition. Suno M, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1046–52

Inhibition of lipid peroxidation by alpha–tocopherolquinone and alpha–tocopherolhydroquinone. Bindoli A, et al. **Biochem Int** 1985 May;10(5):753–61

Lipoperoxides, vitamin E, and activities of superoxide dismutase, glutathione peroxidase, and catalase in regenerating rat liver. Ueda K, et al. **Biochem Int** 1983 Nov;7(5):663–9

The role of lipid peroxidation in the N–oxidation of 4–chloroaniline. Golly I, et al. **Biochem J** 1984 Dec 1; 224(2):415–21

The increase of lipid peroxidation in rat adjuvant arthritis and its inhibition by superoxide dismutase. Yoshikawa T, et al. **Biochem Med** 1985 Jun;33(3):320–6

The involvement of iron and lipid peroxidation in the pathogenesis of HCB induced porphyria. Alleman MA, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):161–6

Lipid peroxidation, protein synthesis, and protection by calcium EDTA in paracetamol injury to isolated hepatocytes. Beales D, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):19–23

Effect of nitroheterocyclic drugs on lipid peroxidation and glutathione content in rat liver extracts. Dubin M, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3419–23

Lipid peroxidation modifies the effect of phenolic anti–inflammatory drugs on prostaglandin biosynthesis. Hirafuji M, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):933–6

Inhibition of in vitro microsomal lipid peroxidation by isoflavonoids. Jha HC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1367–9

Enhancement of reactive oxygen–dependent mitochondrial membrane lipid peroxidation by the anticancer drug adriamycin. Mimnaugh EG, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):847–56

Microsomal interactions and inhibition of lipid peroxidation by etoposide (VP–16, 213): implications for mode of action. Sinha BK, et al. **Biochem Pharmacol** 1985 Jun 1; 34(11):2036–40

Silymarin protection against hepatic lipid peroxidation induced by acute ethanol intoxication in the rat. Valenzuela A, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2209–12

Comparison of cumene hydroperoxide– and NADPH/Fe3+/ADP–induced lipid peroxidation in heart and liver submitochondrial particles. Mechanisms of protection by succinate. Cavallini L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):466–72

Loss of latent activity of liver microsomal membrane enzymes evoked by lipid peroxidation. Studies of nucleoside diphosphatase, glucose–6–phosphatase, and UDP glucuronyltransferase. de Groot H, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):91–6

Lipid peroxidation decreases the rotational mobility of cytochrome P–450 in rat liver microsomes. Gut J, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):217–28

Age pigments and free radicals: fluorescent lipid complexes formed by iron– and copper–containing proteins. Gutteridge JM. **Biochim Biophys Acta** 1985 Apr 25; 834(2):144–8

Aluminium salts accelerate peroxidation of membrane lipids stimulated by iron salts. Gutteridge JM, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):441–7

Importance of Fe2+–ADP and the relative unimportance of OH in the mechanism of mitomycin C–induced lipid peroxidation. Nakano H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):285–93

The critical steady–state hypoxic conditions in carbon tetrachloride–induced lipid peroxidation in rat liver microsomes. Noll T, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):356–62

The effect of ionic strength on the lipid peroxidation of porcine intestinal brush–border membrane vesicles. Ohyashiki T, et al. **Biochim Biophys Acta** 1985 Jan 10; 812(1):84–90

Inhibition of microsomal lipid peroxidation by cytosolic protein in presence of ADP and high concentration of Fe2+. Ramasarma T, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):243–50

Inhibition of lipid peroxidation by heme–nonapeptide derived from cytochrome c. Vodnyánszky L, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):411–4

Detection of 4–hydroxynonenal as a product of lipid peroxidation in native Ehrlich ascites tumor cells. Winkler P, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):232–7

Selective promotion of ferrous ion–dependent lipid peroxidation in Ehrlich ascites tumor cells by histidine as compared with other amino acids. Winkler P, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):226–31

Spontaneous lipid peroxidation in rabbit and mouse epididymal spermatozoa: dependence of rate on temperature and oxygen concentration. Alvarez JG, et al. **Biol Reprod** 1985 Mar;32(2):342–51

Myocardial lipid peroxidation during isoproterenol–induced blood flow reduction in rat myocardium. Blasig IE, et al. **Biomed Biochim Acta** 1984;43(8–9):S171–4

Enzymatic detoxication of superoxide anion–radicals and lipoperoxides in intima and media of atherosclerotic aorta. Lankin VZ, et al. **Biomed Biochim Acta** 1984;43(6):797–802

Psychometric intelligence correlates with interindividual different rates of lipid peroxidation. Weiss V. **Biomed Biochim Acta** 1984;43(6):755–63

Superoxide dismutase, glutathione peroxidase and lipoperoxidation in Down's syndrome fetal brain. Brooksbank BW, et al. **Brain Res** 1984 Sep;318(1):37–44

Inhibition of TCDD–induced lipid peroxidation, glutathione peroxidase activity and toxicity by BHA and glutathione. Hassan MQ, et al. **Bull Environ Contam Toxicol** 1985 Jun; 34(6):787–96

Lipid peroxidation in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):63–7

Vanadium exposure enhances lipid peroxidation in the kidney of rats and mice. Donaldson J, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):196–9

Rapid lipid peroxidation in the nuclear fraction of rat liver induced by a diet deficient in choline and methionine. Rushmore TH, et al. **Cancer Lett** 1984 Oct;24(3):251–5

Loss of lipid peroxidation as a histochemical marker for preneoplastic hepatocellular foci of rats. Benedetti A, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5712–7

Adriamycin–enhanced membrane lipid peroxidation in isolated rat nuclei. Mimnaugh EG, et al. **Cancer Res** 1985 Jul;45(7):3296–304

Lipid peroxidation of liver microsome membranes induced by choline-deficient diets and its relationship to the diet-induced promotion of the induction of gamma-glutamyltranspeptidase-positive foci. Perera MI, et al. **Cancer Res** 1985 Jun;45(6):2533-8

The role of high levels of dietary fat in 7,12-dimethylbenzanthracene-induced mouse mammary tumorigenesis: lack of an effect on lipid peroxidation. Lane HW, et al. **Carcinogenesis** 1985 Mar;6(3):403-7

Alpha-adrenoceptor stimulation, lysophosphoglycerides, and lipid peroxidation in reoxygenation induced calcium uptake in rabbit myocardium. Tones MA, et al. **Cardiovasc Res** 1985 Apr;19(4):228-36

The formation of mutagenic derivatives of benzo[a]pyrene by peroxidising fatty acids. McNeill JM, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):197-207

Fe2+-supported in vivo lipid peroxidation induced by compounds undergoing redox cycling. Younes M, et al. **Chem Biol Interact** 1985 Jun;54(1):97-103

Effects of neurotropin on rat liver microsomes and lysosomes, and in vitro lipid peroxidation. Ogiso T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):810-7

Effect of sodium copper chlorophyllin on lipid peroxidation. VII. Effect of its administration on the stability of rat liver lysosomes. Sato M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2855-8

Species, strain, sex and weekly age differences of lipid peroxide levels in animal tissues before and after adriamycin administration. Sazuka Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4110-6

Pathophysiologic modulation of arachidonate metabolism. Warso MA, et al. **Clin Physiol Biochem** 1984;2(2-3):70-7

Effects of paraquat administration on longevity, oxygen consumption, lipid peroxidation, superoxide dismutase, catalase, glutathione reductase, inorganic peroxides and glutathione in the adult housefly. Allen RG, et al. **Comp Biochem Physiol [C]** 1984;78(2):283-8

Effect of lipid peroxidation on rhodopsin regeneration. Anderson RE, et al. **Curr Eye Res** 1985 Jan;4(1):65-71

Fertilization stimulates lipid peroxidation in the sea urchin egg. Perry G, et al. **Dev Biol** 1985 Jan;107(1):58-65

Lipid peroxidation and copper toxicity in rats. Dillard CJ, et al. **Drug Chem Toxicol** 1984;7(5):477-87

Cocaine-induced hepatotoxicity: lipid peroxidation as a possible mechanism. Teaf CM, et al. **Drug Chem Toxicol** 1984;7(4):383-96

Superoxide radical generation, NADPH oxidase activity, and cytochrome P-450 content of rat liver microsomal fractions in an experimental hyperthyroid state: relation to lipid peroxidation. Fernández V, et al. **Endocrinology** 1985 Aug;117(2):496-501

Lipid peroxidation: a mechanism for ethanol-associated testicular injury in rats. Rosenblum E, et al. **Endocrinology** 1985 Jan;116(1):311-8

Cataracts in the Royal College of Surgeons rat: evidence for initiation by lipid peroxidation products. Zigler JS Jr, et al. **Exp Eye Res** 1985 Jul;41(1):67-76

Acute 60Co-gamma irradiation of rats decreases the inhibitory effect of succinate on the lipid peroxidation of liver mitochondria. Rónai E, et al. **Experientia** 1984 Dec 15;40(12):1375-6

The effects of vitamin A nutritional status on glutathione levels and microsomal lipid peroxidation in rat lung. Tom WM, et al. **Experientia** 1985 Aug 15;41(8):1046-7

Carbon tetrachloride-induced lipid peroxidation dependent on an ethanol-inducible form of rabbit liver microsomal cytochrome P-450. Johansson I, et al. **FEBS Lett** 1985 Apr 22;183(2):265-9

Chemically induced antioxidant-sensitive respiration. Relation to glutathione content and lipid peroxidation in the perfused rat liver. Videla LA. **FEBS Lett** 1984 Dec 3;178(1):119-22

Ascorbate-dependent lipid peroxidation in the human placenta and fetal membranes. Ohel G, et al. **Gynecol Obstet Invest** 1985;19(2):73-7

Influence of zinc deficiency on levels of superoxide dismutase, catalase and lipid peroxidation in rice and pearl millet. Seethambaram Y, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):248-50

Action of bioflavonoids on lipid peroxidation & glutathione redox system in hypercholesterolemic rats. Rathi AB, et al. **Indian J Med Res** 1984 Apr;79:508-13

Management of inflammation: lipid peroxide as a parameter for a better understanding of inflammatory processes. Nishikaze O, et al. **Int J Tissue React** 1985;7(1):1-9

Oxygen-free radicals and lipid peroxidation in adult respiratory distress syndrome. Bertrand Y. **Intensive Care Med** 1985;11(2):56-60 (47 ref.)

Mitoxantrone: propensity for free radical formation and lipid peroxidation--implications for cardiotoxicity. Novak RF, et al. **Invest New Drugs** 1985;3(2):95-9

Selenium protection against testicular lipid peroxidation from cadmium. Sugawara N, et al. **J Appl Biochem** 1984 Aug;6(4):199-204

Investigation of the selectivity of hydrogen abstraction in the nonenzymatic formation of hydroxyeicosatetraenoic acids and leukotrienes by autoxidation. Brash AR, et al. **J Biol Chem** 1985 Apr 10;260(7):4210-6

Leukotriene formation by a purified reticulocyte lipoxygenase enzyme. Conversion of arachidonic acid and 15-hydroperoxyeicosatetraenoic acid to 14, 15-leukotriene A4. Bryant RW, et al. **J Biol Chem** 1985 Mar 25;260(6):3548-55

Hematin-catalyzed epoxidation of 7,8-dihydroxy-7,8-dihydrobenzo[a]pyrene by polyunsaturated fatty acid hydroperoxides. Dix TA, et al. **J Biol Chem** 1985 May 10;260(9):5358-65

Conversion of linoleic acid hydroperoxide to hydroxy, keto, epoxyhydroxy, and trihydroxy fatty acids by hematin. Dix TA, et al. **J Biol Chem** 1985 May 10;260(9):5351-7

Mitoxantrone and ametantrone inhibit hydroperoxide-dependent initiation and propagation reactions in fatty acid peroxidation. Kharasch ED, et al. **J Biol Chem** 1985 Sep 5;260(19):10645-52

Investigation of the chemical conversion of hydroperoxyeicosatetraenoate to leukotriene epoxide using stereospecifically labeled arachidonic acid. Comparison with the enzymatic reaction. Maas RL, et al. **J Biol Chem** 1985 Apr 10;260(7):4217-28

Ferritin and superoxide-dependent lipid peroxidation. Thomas CE, et al. **J Biol Chem** 1985 Mar 25;260(6):3275-80

Influence of acidosis on lipid peroxidation in brain tissues in vitro. Siesjö BK, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):253-8

Relationship of oxygen and glutathione in protection against carbon tetrachloride-induced hepatic microsomal lipid peroxidation and covalent binding in the rat. Rationale for the use of hyperbaric oxygen to treat carbon tetrachloride ingestion. Burk RF, et al. **J Clin Invest** 1984 Dec;74(6):1996-2001

Studies on cumene hydroperoxide-induced lipid peroxidation in the isolated perfused rat heart. Koster JF, et al. **J Mol Cell Cardiol** 1985 Jul;17(7):701-8

Lipid peroxidation-induced inhibition of gamma-aminobutyric acid uptake in rat brain synaptosomes: protection by glucocorticoids. Braughler JM. **J Neurochem** 1985 Apr;44(4):1282-8

Postischemic cerebral lipid peroxidation in vitro: modification by dietary vitamin E. Yoshida S, et al. **J Neurochem** 1985 May;44(5):1593-601

Role of monoamines in experimental spinal cord injury in rats. Relationship between Na+-K+-ATPase and lipid peroxidation. Kurihara M. **J Neurosurg** 1985 May;62(5):743-9

Effects of vitamins on lipid peroxidation and suppression of DNA synthesis induced by adriamycin in Ehrlich cells. Okamoto K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):129-37

Acute response of rat liver microsomal lipids, lipid peroxidation, and membrane anisotropy to a single oral dose of polybrominated biphenyls. Bernert JT Jr, et al. **J Toxicol Environ Health** 1984;13(4-6):673-87

Effects of diethylhydroxylamine on hepatic microsomal lipid peroxidation and glutathione S-transferases. Reddy CC, et al. **J Toxicol Environ Health** 1985;15(3-4):467-75

Lipid peroxidation in human paraquat poisoning. Kurisaki E. **J Toxicol Sci** 1985 Feb;10(1):29-33

Modulation of peroxidation in murine melanoma by dietary tyrosine-phenylalanine restriction, levodopa methylester chemotherapy, and sodium ascorbate supplementation. Pierson HF, et al. **JNCI** 1985 Sep;75(3):507-16

Alteration of lipid peroxide and endogenous antioxidant contents in retina of streptozotocin-induced diabetic rats: effect of vitamin A administration. Nishimura C, et al. **Jpn J Pharmacol** 1985 Apr;37(4):365-72

The fatty acid composition of red cells deficient in glucose-6-phosphate dehydrogenase and their susceptibility to lipid peroxidation. Clemens MR, et al. **Klin Wochenschr** 1985 Jul 1;63(13):578-82

Free radicals, lipid peroxidation, and cell damage [letter] Halliwell B, et al. **Lancet** 1984 Nov 10;2(8411):1095

Pulmonary lipid peroxides and fatty acids of rats fed different lipids and exposed to oxygen at hyperbaric pressure. Alam SQ, et al. **Lipids** 1985 Apr;20(4):248-51

Urinary malondialdehyde as an indicator of lipid peroxidation in the diet and in the tissues. Draper HH, et al. **Lipids** 1984 Nov;19(11):836-43

Reduction of polyunsaturated fatty acid hydroperoxides by human brain glutathione peroxidase. Kaplan E, et al. **Lipids** 1984 Oct;19(10):784-9

Superoxide dismutase, catalase and lipid peroxidation in liver of young mice of different ages. Imre S, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):297-304

Andrographolide and kalmegh (Andrographis paniculata) extract: in vivo and in vitro effect on hepatic lipid peroxidation. Choudhury BR, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):481-5

Regional lipid peroxidation in rat brain in vitro: possible role of endogenous iron. Zaleska MM, et al. **Neurochem Res** 1985 Mar;10(3):397-410

Effects of lipid peroxidation on the isolated rat retina. Doly M, et al. **Ophthalmic Res** 1984;16(6):292-6

Prooxidant and antioxidant effects of ascorbate on photosensitized peroxidation of lipids in erythrocyte membranes. Girotti AW, et al. **Photochem Photobiol** 1985 Mar;41(3):267-76

Studies on Scutellariae radix. IX. New component inhibiting lipid peroxidation in rat liver. Kimura Y, et al. **Planta Med** 1984 Aug;50(4):290-5

Mechanism of antihepatotoxic activity of glycyrrhizin. I: Effect on free radical generation and lipid peroxidation. Kiso Y, et al. **Planta Med** 1984 Aug;50(4):298-302

Effects of soyasaponins on liver injury induced by highly peroxidized fat in rats. Ohminami H, et al. **Planta Med** 1984 Oct;50(5):440-1

Effect of a zinc-deficient diet on lipid peroxidation in liver and tumor subcellular membranes. Burke JP, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):187-91

Ethanol induced changes in lipid peroxidation and nonprotein sulfhydryl content. Different sensitivities in rat liver and kidney. Kera Y, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):203-9

Efficacy of sulfhydryl compounds as inhibitors of iron-dependent doxorubicin-enhanced lipid peroxidation. Stroo WE, et al. **Res Commun Chem Pathol Pharmacol** 1985 May;48(2):291-303

Correlation link between the size of limitrophe area and the level of radically-free peroxide oxidation of lipides (RPOL) within the evolutionary infarct area with rats. A[illegible]baga M, et al. **Sante Publique (Bucur)** 1984;27(4):315-27

Effects of cadmium on glutathione peroxidase, superoxide dismutase, and lipid peroxidation in the rat heart: a possible mechanism of cadmium cardiotoxicity. Jamall IS, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):33-42

Glutathione depletion, lipid peroxidation, and liver necrosis following bromobenzene and iodobenzene intoxication. Casini AF, et al. **Toxicol Pathol** 1984;12(3):295-9

Lipid peroxidation and lipid antioxidants in normal and tumor cells. Cheeseman KH, et al. **Toxicol Pathol** 1984;12(3):235-9

Lipid composition, physical state, and lipid peroxidation of tumor membranes. Galeotti T, et al. **Toxicol Pathol** 1984;12(4):324-30

The effect of chronic ethanol ingestion on hepatic lipid peroxide, glutathione, glutathione peroxidase and glutathione transferase in rats. Aykaç G, et al. **Toxicology** 1985 Jul;36(1):71-6

Studies on pentane evolution by rats treated with nifurtimox or benznidazole. Castro GD, et al. **Toxicology** 1985 Jun 28;35(4):319-26

Inhibition of cephaloridine-induced lipid peroxidation. Cojocel C, et al. **Toxicology** 1985 Jun 28;35(4):295-305

Hepatic lipid peroxidation in vivo in rats with chronic dietary iron overload is dependent on hepatic iron concentration. Bacon BR, et al. **Trans Assoc Am Physicians** 1983;96:146-54

Comparison of lipid peroxidation and myocardial damage induced by adriamycin and 4'-epiadriamycin in mice. Llesuy SF, et al. **Tumori** 1985 Jun 30;71(3):241-9

Effects of BHA, d-alpha-tocopherol and retinol acetate on TCDD-mediated changes in lipid peroxidation, glutathione peroxidase activity and survival. Stohs SJ, et al. **Xenobiotica** 1984 Jul;14(7):533-7

[Effect of multiple applications of heavy metal salts on NADPH-dependent lipid peroxidation] Kadiiska M, et al. **Eksp Med Morfol** 1984;23(3):123-6 (Eng. Abstr.) **(Bul)**

[Lipid peroxidation in human and experimental atherosclerosis] Loeper J, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):91-7 (Eng. Abstr.) **(Fre)**

[Glutathione depletion and lipid peroxidation in the mouse brain after bromobenzene poisoning] Pompella A, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2377-82 (Eng. Abstr.) **(Ita)**

[The effect of reduced glutathione on the changes of lipid-peroxide concentration in shock states--clinical and experimental studies] Imai M. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):170-82 (Eng. Abstr.) **(Jpn)**

[Changes of neurotransmitter, lipid peroxide and their metabolic related enzyme activities in the brain of rats exposed to noise and vitamin E] Sakuma N. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):549-85 (Eng. Abstr.) **(Jpn)**

[Rat liver lipoperoxide in endotoxemia] Morita T. **Masui** 1985 May;34(5):656-63 (Eng. Abstr.) **(Jpn)**

[Effect of dietary lipids and vitamin E on lipid peroxidation in rats exposed to ozone] Nakadoi T. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):757-69 (Eng. Abstr.) **(Jpn)**

[Cerebral vasospasm and lipoperoxide damage--morphological localization and measurement of lipoperoxide in prolonged cerebral vasospasm] Tokoro K. **No Shinkei Geka** 1984 Aug;12(9):1049-58 (Eng. Abstr.) **(Jpn)**

[Effect of ethyl alcohol on bile production and lipid peroxidation in tetracycline-induced liver lesions] Skakun NP, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):115-8 (Eng. Abstr.) **(Rus)**

[Initiation of nonenzymatic lipid peroxidation in a Fe2+-ascorbate-linolenate system] Azizova OA, et al. **Biofizika** 1985 Jan-Feb;30(1):36-9 (Eng. Abstr.) **(Rus)**

[Changes in the permeability of nerve fiber membranes during the initiation of lipid peroxidation] Revin VV, et al. **Biofizika** 1985 Mar-Apr;30(2):278-80 (Eng. Abstr.) **(Rus)**

[Study of the mechanism of initiation of enzymatic NADPH-dependent lipid peroxidation in membranes of the endoplasmic reticulum] Kagan VE, et al. **Biokhimiia** 1985 Jun;50(6):986-91 (Eng. Abstr.) **(Rus)**

[Rate of enzymatic lipid peroxidation of mouse liver microsomes after the administration of a highly-dispersed iron powder] Kukhtina EN, et al. **Biokhimiia** 1984 Sep;49(9):1510-4 (Eng. Abstr.) **(Rus)**

[Effect of lipid peroxidation on DNA synthesis in Ehrlich ascites carcinoma cells] Popov GA, et al. **Biokhimiia** 1984 Jul;49(7):1199-202 (Eng. Abstr.) **(Rus)**

[Comparison of the antioxidative defense system of pigment epithelium of the eye in pigmented animals and in albinos]

Sakina NL, et al. **Biokhimiia** 1985 Jan;50(1):78–83 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in the myocardium in experimental infarct] Savov VM, et al. **Biol Nauki** 1985;(5):30–3 (Eng. Abstr.) **(Rus)**

[Dark adaptation of the photoreceptors in the isolated frog retina during induced lipid peroxidation] Akopian GKh, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):665–7 (Eng. Abstr.) **(Rus)**

[Inhibition of phospholipid hydrolysis by phospholipase A2 in microsomal and mitochondrial membranes subjected to lipid peroxidation] Balevska PS, et al.
Biull Eksp Biol Med 1985 Feb;99(2):161–4 (Eng. Abstr.) **(Rus)**

[Effect of chronic emotional stress on lipid peroxidation in the tissues and blood of emotional and nonemotional rats] Bondarenko NA, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):12–4 (Eng. Abstr.) **(Rus)**

[Possible role of lipid peroxidation in the pathogenesis of arrhythmias in myocardial infarct] Didenko VV.
Biull Eksp Biol Med 1985 Jun;99(6):647–9 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in children with Duchenne's hereditary myopathy] Grinio LP, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):423–5 (Eng. Abstr.) **(Rus)**

[Action of retinoic acid on lipid peroxidation in rat liver microsomes in vitro] Kon' Ila, et al.
Biull Eksp Biol Med 1985 Apr;99(4):428–9 (Eng. Abstr.) **(Rus)**

[Role of endogenous free iron in activating lipid peroxidation in ischemia] Kozlov AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):38–41 (Eng. Abstr.) **(Rus)**

[Effect of posttraumatic fluctuations in the oxygen tension value in the arterial blood on the intensity of lipid peroxidation in the lungs, liver and myocardium of rats with a lung contusion] Kulitskaia VI, et al.
Biull Eksp Biol Med 1984 Sep;98(9):276–8 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in experimental myocardial infarct: the action of hyperbaric oxygenation] Meerson FZ, et al.
Biull Eksp Biol Med 1984 Oct;98(10):398–400 (Eng. Abstr.) **(Rus)**

[Changes in the indices of lipid peroxidation in liver mitochondria of white rats during simulation of in vitro anoxic damage] Sorokovol VI, et al.
Biull Eksp Biol Med 1984 Nov;98(11):543–6 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in experimental allergic encephalomyelitis] Stepanenko EM, et al.
Biull Eksp Biol Med 1984 Sep;98(9):336–8 (Eng. Abstr.) **(Rus)**

[Role of lipid peroxidation in changes in the structure of Ca-ATPase in skeletal muscle sarcoplasmic reticulum during hypercholesterolemia] Timofeev AA, et al.
Biull Eksp Biol Med 1985 Mar;99(3):301–3 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation and the functioning of the Ca pump of the sarcoplasmic reticulum of skeletal muscle in hypercholesterolemia] Timofeev AA, et al.
Biull Eksp Biol Med 1985 Jan;99(1):55–7 (Eng. Abstr.) **(Rus)**

[Effect of low temperature on lipid peroxidation in the lungs and on pulmonary macrophage activity in rats] Tnimov MKh, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):591–3 (Eng. Abstr.) **(Rus)**

[Effect of brain antibodies on the lipid peroxidation process in the brain] Vilkov GA, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):48–50 (Eng. Abstr.) **(Rus)**

[Induction of beta- and gamma-states of comuton regulation of oxidative phosphorylation in rat liver mitochondria during the activation of peroxidation of the mitochondrial membrane lipids] Elbakidze GM, et al.
Dokl Akad Nauk SSSR 1985;282(3):729–34 **(Rus)**

[Enzymatic regulation of lipid peroxidation in biomembranes: the role of phospholipase A2 and glutathione-S-transferase] Lankin VZ, et al.
Dokl Akad Nauk SSSR 1985 Mar–Apr;281(1):204–7 **(Rus)**

[Lipid peroxidation and bile formation in a paracetamol lesion of the liver] Skakun NP, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):105–8 (Eng. Abstr.) **(Rus)**

[Effect of lipid peroxidation on the SH-group function of sarcoplasmic reticulum membranes] Rubtsov BV, et al.
Izv Akad Nauk SSSR [Biol] 1985 Jan–Feb;(1):157–60 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in patients with gastroduodenal diseases] Murashko VV, et al. **Klin Med (Mosk)** 1984 Oct; 62(10):47–50 **(Rus)**

[Activation of lipid peroxides in the liver during hypokinesia and its prevention by antioxidants] Panasiuk EN, et al.
Kosm Biol Aviakosm Med 1985 Jan–Feb;19(1):48–52 (Eng. Abstr.) **(Rus)**

[Method of studying lipid peroxidation] Goncharenko MS, et al. **Lab Delo** 1985;(1):60–1 **(Rus)**

[Lipid peroxidation and methods of determining its products in biological media] Kolesova OE, et al. **Lab Delo** 1984; (9):540–6 (39 ref.) (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in stress-induced tissue damage in adrenal gland insufficiency] Deviatkina TA, et al.
Probl Endokrinol (Mosk) 1984 Nov–Dec;30(6):60–5 (Eng. Abstr.) **(Rus)**

[Effect of gamma-irradiation on malonic dialdehyde formation in the interaction of liposomes with cells] Popov GA, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):260–3 (Eng. Abstr.) **(Rus)**

[Determination of the correlations between oxidant and antioxidant systems in bronchial asthma] Amatuni VG, et al. **Ter Arkh** 1984;56(8):81–5 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation of the liver in liver disease] Loginov S, et al. **Ter Arkh** 1985;57(2):63–7 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in the evaluation of healing of myocardial infarction] Malaia LT, et al. **Ter Arkh** 1985;57(5):52–8 (Eng. Abstr.) **(Rus)**

[Correction of lipid peroxidation disorders in experimental traumatic shock using the antioxidant ionol] Iakubenko ED, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):79–82 (Eng. Abstr.) **(Rus)**

[The role of lipolysis and lipid peroxidation in the induction of ion transport in mitochondria after freezing and thawing] Petrenko AIu, et al. **Ukr Biokhim Zh** 1984 Nov–Dec; 56(6):656–60 (Eng. Abstr.) **(Rus)**

[Peroxidation of membrane lipids in experimental photochemotherapy] Akimov VG, et al.
Vestn Dermatol Venerol 1984 Aug;(8):22–5 (Eng. Abstr.) **(Rus)**

[Participation of the lipid peroxidation process in the destruction of the drainage system of the eye in open-angle glaucoma] Bunin AIa, et al. **Vestn Oftalmol** 1985 Mar–Apr; 101(2):13–6 (Eng. Abstr.) **(Rus)**

[Changes in the phospholipid-phospholipid ratio and lipid peroxidation in the heart muscle in experimental myocardial infarction before and after combined antioxidant therapy] Engibarian AA, et al.
Vopr Med Khim 1985 Jan–Feb;31(1):43–7 (Eng. Abstr.) **(Rus)**

[Effect of different forms of vitamin A and its combination with vitamin E on the peroxidation of lipids] Galkina SI.
Vopr Med Khim 1984 Jul–Aug;30(4):91–4 (Eng. Abstr.) **(Rus)**

[Effect of synthetic regulators of radical reactions on the course of experimental silicosis] Ivanova AS, et al.
Vopr Med Khim 1984 Sep-Oct;30(5):22–5 (Eng. Abstr.) **(Rus)**

[Interrelation of the processes of lipid peroxidation and hydroxylation in the liver microsomal fraction of white rats with alloxan diabetes] Karagezian KG, et al.
Vopr Med Khim 1985 Mar–Apr;31(2):62–4 (Eng. Abstr.) **(Rus)**

[Assessment of the effectiveness of the action of chemical compounds on the enzymatic peroxidation of lipids] Komarov PG, et al. **Vopr Med Khim** 1985 Mar–Apr; 31(2):40–5 (Eng. Abstr.) **(Rus)**

[Fatty acid composition and lipid peroxidation in brain microsomes of albino rats with alloxan diabetes] Martikian AR, et al. **Vopr Med Khim** 1985 May–Jun;31(3):86–7 (Eng. Abstr.) **(Rus)**

[The role of changes in the antioxidative activity and phospholipid composition of the rat liver in the mechanism of phenazepam action on the liver and the protective effect of talamonal] Molochkina EM, et al. **Vopr Med Khim** 1985 May–Jun;31(3):17–21 (Eng. Abstr.) **(Rus)**

[Study of the antioxidative activity of anti-inflammatory agents] Nasyrov KhM, et al. **Vopr Med Khim** 1985 Jan–Feb; 31(1):40–3 (Eng. Abstr.) **(Rus)**

[Protective effect of alpha-tocopherol on the hydroxylating system in liver endoplasmic reticulum membranes against the damaging activity of hyperbaric oxygenation] Smirnov IuV, et al. **Vopr Med Khim** 1984;30(6):51–3 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation in myocardial mitochondria and the sarcoplasmic reticulum in short-term impairment of coronary circulation] Tsiomik VA. **Vopr Med Khim** 1985 Jan–Feb;31(1):109–11 (Eng. Abstr.) **(Rus)**

[Age-related changes in adenylate cyclase activity, lipid composition and lipid peroxidation in rat intestinal mucosa: comparison with the frequency of spontaneous tumors] Bershtein LM, et al. **Vopr Onkol** 1985;31(8):85–9 (Eng. Abstr.) **(Rus)**

[Effect of cyclophosphane on lipid peroxidation] Oleinik AV. **Vopr Onkol** 1985;31(7):97–101 (Eng. Abstr.) **(Rus)**

[Possible role of hypoxia and lipid peroxidation in the development of a neurosis-like condition in the rat] Levshina IP, et al. **Zh Vyssh Nerv Deiat** 1985 Mar–Apr; 35(2):330–8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Ethanol dependent interaction between prostaglandins and lipoxygenase products in human peripheral lymphocytes. Lanefelt F, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):149–53

Effects of 15-hydroperoxy-eicosatetraenoic acid (15-HPETE) on cerebral arterioles of cats. Christman CW, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H631–7

Difference in susceptibility to injury by linoleic acid hydroperoxide between endothelial and smooth muscle cells of arteries. Sasaguri Y, et al. **J Appl Biochem** 1985 Feb;7(1):70–8

Injury to cultured endothelial cells from human umbilical vein by linoleic acid hydroperoxide. Sasaguri Y, et al.
J Appl Biochem 1984 Jun;6(3):144–50

Effect of lipoxygenase metabolites of arachidonic acid on proliferation of human T cells and T cell subsets. Gualde N, et al. **J Immunol** 1985 Feb;134(2):1125–9

Vascular effects of 15-hydroperoxyeicosatetraenoic acid and 15-hydroxyeicosatetraenoic acid on canine arteries. Takahashi M, et al. **Jpn J Pharmacol** 1985 Apr;37(4):325–34

Inhibition of prostaglandin I2 (PGI2) formation by LDL-cholesterol or LDL-peroxides? Beitz J, et al.
Prostaglandins 1983 Dec;26(6):885–92

The 5-lipoxygenase products can modulate the synthesis of platelet-activating factor (alkyl-acetyl GPC) in Ca-ionophore A23187-stimulated rat peritoneal macrophages. Saito H, et al.
Prostaglandins Leukotrienes Med 1985 Jun;18(3):271–86

Triglyceride-rich lipoproteins are responsible for thrombin generation induced by lipid peroxides. Barrowcliffe TW, et al. **Thromb Haemost** 1984 Aug 31;52(1):7–10

Inhibition of antithrombin III by lipid peroxides. Gray E, et al. **Thromb Res** 1985 Jan 15;37(2):241–50

RADIATION EFFECTS

Radiation-induced damage to mitochondrial D-beta-hydroxybutyrate dehydrogenase and lipid peroxidation. Yukawa O, et al. **Int J Radiat Biol** 1985 Jul; 48(1):107–15

Effects of gamma-ray irradiation on superoxide dismutase activity and lipid peroxide level in mouse salivary glands. Akita S, et al. **J Appl Biochem** 1984 Feb–Apr;6(1–2):64–9

[Effect of lipid peroxidation induced by UV radiation on the membrane Ca2+-ATPase of the sarcoplasmic reticulum] Rubtsov BV, et al.
Izv Akad Nauk SSSR [Biol] 1984 Jul–Aug;(4):624–6 (Eng. Abstr.) **(Rus)**

[Effect of x-irradiation on the generation of O2- in rat liver microsomes] Gorodovikova EN, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):165–8 (Eng. Abstr.) **(Rus)**

TOXICITY

Mutation induction in Escherichia coli incubated in the reaction mixture of NADPH-dependent lipid peroxidation of rat-liver microsomes. Akasaka S, et al. **Mutat Res** 1985 May;149(3):321–6

[Hemodynamic, respiratory and blood gas changes after intraarterial injection of lipid peroxides] Imai M, et al.
Masui 1985 Jan;34(1):30–7 (Eng. Abstr.) **(Jpn)**

LIPIDOSIS see LIPOIDOSIS

LIPIDS

Comparative effects of short chain alcohols on lipid phase transitions. Rowe ES. **Alcohol** 1985 Jan–Feb;2(1):173–6

Lipids of normal and osteochondritic cartilage of the immature canine humeral head. Kincaid SA, et al.
Am J Vet Res 1985 May;46(5):1060–5

Lipid polymorphism: the molecular basis of nonbilayer phases. Gruner SM, et al.
Annu Rev Biophys Biophys Chem 1985;14:211–38 (91 ref.)

Incorporation of acylated antibody into planar lipid multilayers: characterization and cell binding. Huang L.
Biochemistry 1985 Jan 1;24(1):29–34

The effect of pressure on the lipid microviscosity and phase transition of lung surfactant. Barkai G, et al.
Biochim Biophys Acta 1985 Mar 27;834(1):103–9

Pharmacokinetics, central nervous system uptake, and lipid solubility of propranolol, acebutolol, and sotalol. Arendt RM, et al. **Cardiology** 1984;71(6):307–14

Thermotropic transitions of lipids in porcine low density lipoproteins. Herak JN, et al. **Chem Phys Lipids** 1985 Mar 36(4):361–71

Comparative study of the lipid dynamics in the surface layer of porcine and human high density lipoprotein subclasses by spin labeling. Nöthig-Laslo V, et al.
Chem Phys Lipids 1985 Mar;36(4):373–86

Lipid solubility modulates pH potentiation of local anesthetic block of Vmax reactivation in guinea pig myocardium Broughton A, et al. **Circ Res** 1984 Oct;55(4):513–23

History of the Journal of Lipid Research. Eder HA.
J Lipid Res 1984 Dec 15;25(13):1425–9

The lore of lipids. Gidez LI. **J Lipid Res** 1984 Dec 15; 25(13):1430–6

Spectrofluorometric studies of the lipid probe, nile red Greenspan P, et al. **J Lipid Res** 1985 Jul;26(7):781–9

Research on adipose tissue and the first 25 years of the Journal of Lipid Research. Hirsch J. **J Lipid Res** 1984 Dec 15;25(13):1437–41

Lateral chain packing in lipids and membranes. Small DM
J Lipid Res 1984 Dec 15;25(13):1490–500

Temperature-induced phase change in a fat. A study by electron spin resonance. Le Meste M, et al. **Lipids** 1985 May;20(5):296–302

[Lipid deposits in the ventricle] Jorde R, et al.
Tidsskr Nor Laegeforen 1985 Jun 10;105(16):1151–3 (Eng Abstr.) **(Nor)**

[A model of lipid and cholesterol interactions in hydrated phases: formation of linear cholesterol multimers] Seleznev SA. **Biofizika** 1984 Sep–Oct;29(5).783–5 (Eng. Abstr.) **(Rus)**

[Lipid granularity and topographic characteristics of renomedullary interstitial cells in genetically spontaneous hypertension in rats] Tsibel' BN, et al.
Biull Eksp Biol Med 1985 Mar;99(3):358–60 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Lung surfactant replacement in premature lambs with extracted lipids from bovine lung lavage: effects of dose, dispersion technique, and gestational age. Notter RH, et al. **Pediatr Res** 1985 Jun;19(6):569-77

[Effect of the parenteral feeding regimen on postoperative nitrogen sparing. Comparison of 3 regimens containing 0%, 30% and 50% lipid calories] Delalande JP, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):229-34 (Eng. Abstr.) (Fre)

ANALYSIS

Lipids as taxonomic markers for bacteria derived from leprosy infections. Asselineau C, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):121-7

Characterization of Mycobacterium leprae by lipid analysis. Minnikin DE, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):113-20

Niemann-Pick disease type C. Study on the nature of the cerebral storage process. Elleder M, et al. **Acta Neuropathol (Berl)** 1985;66(4):325-36

Lipid storage disease: Part II. Ultrastructural pathology of lipid storage cells in sphingolipidoses. Takahashi K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):385-408

Analysis and subcellular localization of lipid in alcoholic liver disease. Peters TJ, et al. **Alcohol** 1985 May-Jun;2(3):447-51

Effect of dietary cholesterol on biliary lipids in patients with gallstones and normal subjects. Lee DW, et al. **Am J Clin Nutr** 1985 Sep;42(3):414-20

Milk and plasma lipid composition in a lactating patient with type I hyperlipoproteinemia. Steiner G, et al. **Am J Clin Nutr** 1985 Jan;41(1):121-8

Evolution of foam cells in subcutaneous rabbit carrageenan granulomas. II. Tissue and macrophage lipid composition. Kelley JL, et al. **Am J Pathol** 1985 Sep;120(3):391-401

Assay of long-chain acyl-CoAs in a complex reaction mixture. Juguelin H, et al. **Anal Biochem** 1984 Nov 1;142(2):329-35

Coomassie brilliant blue staining of lipids on thin-layer plates. Nakamura K, et al. **Anal Biochem** 1984 Nov 1;142(2):406-10

A sensitive enzymatic assay for determination of cholesterol in lipid extracts. Omodeo Salè F, et al. **Anal Biochem** 1984 Nov 1;142(2):347-50

Carbon-13 nuclear magnetic resonance spectrometric and gas chromatography/mass spectrometric characterization of lipids in corn suspension cells. Ashworth DJ, et al. **Anal Chem** 1985 Mar;57(3):710-5

Contrasting effects of low or high copper intake on rat tissue lipid essential fatty acid composition. Cunnane SC, et al. **Ann Nutr Metab** 1985;29(2):103-10

Influence of different supplements of N-3 polyunsaturated fatty acids on blood and tissue lipids in rats receiving high intakes of linoleic acid. Roshanai F, et al. **Ann Nutr Metab** 1985;29(3):189-96

Acute monoarthritis associated with lipid liquid crystals. Reginato AJ, et al. **Ann Rheum Dis** 1985 Aug;44(8):537-43

Temperature-dependent lipid content and fatty acid composition of three thermophilic bacteria. Aerts JM, et al. **Antonie Van Leeuwenhoek** 1985;51(2):155-65

Changes in the lipid composition of Paecilomyces persicinus P-10 M1 during growth and cephalosporin C production. Papacharilaou E, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1084-7

Human stratum corneum polar lipids and desquamation. Long SA, et al. **Arch Dermatol Res** 1985;277(4):284-7

Lipids of developing dental plaque in caries-resistant and caries-susceptible adult people. Murty VL, et al. **Arch Oral Biol** 1985;30(2):171-5

A search for mutagens in human aortal lipid extracts. Johnson BH, et al. **Atherosclerosis** 1984 Dec;53(3):331-6

Chemical composition and physical state of lipid deposits in atherosclerosis. Lundberg B. **Atherosclerosis** 1985 Jul;56(1):93-110

Determination of total intracellular lipid content by flow cytofluorometry. Tertov VV, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1196-202

Heterogeneity of tissue sterols and glycerolipids in Wolman's disease. Lin HJ, et al. **Biochem Med** 1985 Jun;33(3):342-9

Lipid composition of the secretion from human bronchial explant culture. Jozwiak Z, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):282-6

The influence of lipid composition and lectin-glycophorin interaction on the rotational diffusion of glycophorin in vesicles, as measured by time-resolved phosphorescence depolarization. van Hoogevest P, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):1-9

Increased maternal-fetal transport of fat in diabetes assessed by polyunsaturated fatty acid content in fetal lipids. Goldstein R, et al. **Biol Neonate** 1985;47(6):343-9

Lipid analyses and fluidity studies by electron spin resonance of red cell membranes in hereditary high red cell membrane phosphatidylcholine hemolytic anemia. Yawata Y, et al. **Blood** 1984 Nov;64(5):1129-34

Lipid changes in the bones of the healing vitamin D-deficient phosphate-deficient rat. Boskey AL. **Bone** 1985;6(3):173-8

Isolation, barrier properties and lipid analysis of stratum compactum, a discrete region of the stratum corneum. Bowser PA, et al. **Br J Dermatol** 1985 Jan;112(1):1-14

The lipid composition of bovine sebum and dermis. McMaster JD, et al. **Br Vet J** 1985 Jan-Feb;141(1):34-41

Organochlorine concentrations, whole body weights, and lipid content of black skimmers wintering in Mexico and in south Texas, 1983. White DH, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):513-7

Lipid profiles of Aspergillus niger and its unsaturated fatty acid auxotroph, UFA2. Chattopadhyay P, et al. **Can J Microbiol** 1985 Apr;31(4):352-5

Effect of growth temperature on lipid composition of Streptococcus faecium. Ordóñez JA, et al. **Can J Microbiol** 1985 Apr;31(4):361-6

Studies on lipids of crayfish, Procambarus clarkii. I. Furanoid fatty acids. Okajima H, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3281-6

Molecular species analysis of lipids by metastable ion mass spectrometry. Batrakov SG, et al. **Chem Phys Lipids** 1983 Nov;33(4):331-53

The fate of antioxidant radicals during lipid autooxidation. I. The tocopheroxyl radicals. Lambelet P, et al. **Chem Phys Lipids** 1984 Aug;35(3):185-98

Lipid composition of the tissues of human knee joints. II. Synovial fluid in trauma. Rabinowitz JL, et al. **Clin Orthop** 1984 Nov;(190):292-8

Lipid composition of marmoset saliva. Murty VL, et al. **Comp Biochem Physiol [A]** 1984;79(1):41-4

A survey of polar and nonpolar lipids extracted from snake skin. Burken RR, et al. **Comp Biochem Physiol [B]** 1985;81(2):315-8

Fatty acids in the roe lipids of common food fishes. Kaitaranta JK, et al. **Comp Biochem Physiol [B]** 1984;79(3):331-4

Analysis of lipids by gas-liquid chromatography and complementary methods in four strains of Aedes aegypti mosquitoes. Miller S, et al. **Comp Biochem Physiol [B]** 1985;81(1):235-40

Biochemical studies on the lipid content of Tilapia nilotica and Sparus auratus. el-Sayed MM, et al. **Comp Biochem Physiol [B]** 1984;79(4):589-94

The lipid composition of ovine placental tissue homogenate and its subcellular fractions. Shand JH, et al. **Comp Biochem Physiol [B]** 1984;79(2):291-5

Neutral lipid components of eleven species of Caribbean sharks. Van Vleet ES, et al. **Comp Biochem Physiol [B]** 1984;79(4):549-54

The effect of oxytetracycline on the fat content and fatty acid composition of the egg yolk. Shaddad SA, et al. **Comp Biochem Physiol [C]** 1985;81(1):223-6

Combined measurement and significance of lipid-bound sialic acid and carcinoembryonic antigen in detection of human cancer. Munjal DD, et al. **Diagn Immunol** 1984;2(1):36-43

Effects of aging on the lipid order and composition of rat adipocyte ghosts. Rifkind JM, et al. **Exp Gerontol** 1985;20(2):99-105

Tritrichomonas foetus: cytochemical visualization of the endoplasmic reticulum-Golgi complex and lipids. Benchimol M, et al. **Exp Parasitol** 1985 Feb;59(1):51-8

Diagnostic value of fecal fat concentration [letter] Feurle GE. **Gastroenterology** 1985 Mar;88(3):857-8

Fecal fat concentration: determinants and diagnostic value [letter] Hofmann AF, et al. **Gastroenterology** 1985 Jul;89(1):231-3

Effect of bilateral vasectomy on the tissue lipid profiles in albino rats [letter] Reddy KV, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):164-6

Further studies on the extrusion of cytosol macromolecules by cultured chick embryo fibroblast cells. McIntosh AA, et al. **Int J Biochem** 1985;17(2):147-53

Provitamin A carotenoids from green leaves can restore vitamin A deficiency induced lesions in lung lipids in chicks. Srivastava N, et al. **Int J Vitam Nutr Res** 1984;54(2-3):269

Lipid composition of the brain in the cobalamin inactivated fruit bat Rousettus aegyptiacus. van der Westhuyzen J, et al. **Int J Vitam Nutr Res** 1984;54(2-3):205-10

Ultrasonic attenuation and velocity properties in rat liver as a function of fat concentration: a study at 100 MHz using a scanning laser acoustic microscope. Tervola KM, et al. **J Acoust Soc Am** 1985 Jan;77(1):307-13

Lipid composition and physical state effects on cellular cholesteryl ester clearance. Adelman SJ, et al. **J Biol Chem** 1984 Nov 25;259(22):13844-50

Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head. A histochemical and electron microscopic study. Kawai K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):755-63

Identification of meibomian gland lipids by gas chromatography-mass spectrometry: application to the meibomian lipids of the mouse. Harvey DJ, et al. **J Chromatogr** 1984 Sep 28;301(1):173-87

Improved one-dimensional thin-layer chromatographic technique for polar lipids. Heape AM, et al. **J Chromatogr** 1985 Apr 5;322(2):391-5

Assay of lipids in dog myocardium using capillary gas chromatography and derivatization with boron trifluoride and methanol. Al Makdessi S, et al. **J Chromatogr** 1985 Apr 12;339(1):25-34

Faecal lipid chromatography. I. Quantitative determination with chromarods. Peuchant E, et al. **J Chromatogr** 1984 Oct 12;310(2):297-305

Histological measurement of fat content of liver of dairy cows. Collins RA, et al. **J Comp Pathol** 1985 Jul;95(3):437-43

Meningioma with intratumoral fat. Sacher M, et al. **J Comput Tomogr** 1985 Jan;9(1):83-5

Polar lipid and isoprenoid quinone composition in the classification of Staphylococcus. Nahaie MR, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2427-37

Application of Nile red, a fluorescent hydrophobic probe, for the detection of neutral lipid deposits in tissue sections: comparison with oil red O. Fowler SD, et al. **J Histochem Cytochem** 1985 Aug;33(8):833-6

Interferon alters the composition and metabolism of lipids in the liver of suckling mice. Zwingelstein G, et al. **J Interferon Res** 1985 Spring;5(2):315-25

Rapid separation and quantification of lipid classes by high performance liquid chromatography and mass (light-scattering) detection. Christie WW. **J Lipid Res** 1985 Apr;26(4):507-12

Cholesteryl sulfate: the major polar lipid of horse hoof. Wertz PW, et al. **J Lipid Res** 1984 Dec 1;25(12):1320-3

Familial lecithin:cholesterol acyltransferase deficiency. Biochemistry of the cornea. Winder AF, et al. **J Lipid Res** 1985 Mar;26(3):283-7

A biochemical study of the nature of jaw cysts (II). The role of lipids in the enlargement of cysts. Suzuki M. **J Maxillofac Surg** 1984 Oct;12(5):213-24

Lipid composition of the peripheral nerves in malnutrition: an experimental study in young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(4):205-17

Structure and polymorphism of bipolar isopranyl ether lipids from archaebacteria. Gulik A, et al. **J Mol Biol** 1985 Mar 5;182(1):131-49

Cerebellum lipids in rats after chronic ethanol treatment. Vrbaški SR, et al. **J Neurochem** 1985 Jun;44(6):1868-72

Fluorescence polarization analysis, lipid composition, and Na+, K+-ATPase kinetics of synaptosomal membranes in feline GM1 and GM2 gangliosidosis. Wood PA, et al. **J Neurochem** 1985 Mar;44(3):947-56

Juvenile dystonic lipidosis (variant of Niemann-Pick disease type C). Martin JJ, et al. **J Neurol Sci** 1984 Oct;66(1):33-45

Brain myelin of genetically obese mice. Sena A, et al. **J Neurol Sci** 1985 May;68(2-3):233-43

Evidence on hypomyelination of central nervous system in murine muscular dystrophy. Tsuji S, et al. **J Neurol Sci** 1985 May;68(2-3):175-84

Lipid in the human gallbladder mucosa. A histochemical study by light and electron microscopy. English M, et al. **J Pathol** 1985 Aug;146(4):333-6

Total lipid content and fatty acid composition of preterm human milk. Ehrenkranz RA, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):755-8

Influence of lipid composition and ionic strength on the physical stability of liposomes. Crommelin DJ. **J Pharm Sci** 1984 Nov;73(11):1559-63

Acute response of rat liver microsomal lipids, lipid peroxidation, and membrane anisotropy to a single oral dose of polybrominated biphenyls. Bernert JT Jr, et al. **J Toxicol Environ Health** 1984;13(4-6):673-87

Sclerosing lipogranuloma of the penis: chemical analysis of lipid from the lesional tissue. Nakamura M, et al. **J Urol** 1985 Jun;133(6):1046-8

Alterations in brain gangliosides and other lipids of patients with Creutzfeldt-Jakob disease and subacute sclerosing panencephalitis (SSPE). Ando S, et al. **Jpn J Exp Med** 1984 Dec;54(6):229-34

Histochemical observations of lipid droplets in mouse embryos. Hishinuma M, et al. **Jpn J Vet Res** 1985 Apr;33(1-2):51-7

Identification and detection of in situ cellular and regional differences of lipid composition and class in lipid-rich tissue using hot stage polarizing light microscopy. Waugh DA, et al. **Lab Invest** 1984 Dec;51(6):702-14

Lipid research methodology. **Lab Res Methods Biol Med** 1984;10:1-296

Effect of chronic alcohol consumption on rat brain microsome lipid composition, membrane fluidity and Na+-K+-ATPase activity. Aloia RC, et al. **Life Sci** 1985 Mar 11;36(10):1003-17

Changes in lipid composition of cortical synaptosomes from different age groups of mice. Wood WG, et al. **Life Sci** 1984 Nov 5;35(19):1947-52

The lipid composition of the spleen and intestinal and popliteal lymph nodes in the sheep. Christie WW, et al. **Lipids** 1985 Jun;20(6):389-92

The use of the Iatroscan TH-10 analyzer to quantify total lipids in a variety of sample types and lipid classes in human gallbladder bile. Harvey HR, et al. **Lipids** 1985 Aug;20(8):542-5

Rapid and convenient separation of phospholipids and non phosphorus lipids from rat heart using silica cartridges. Juaneda P, et al. **Lipids** 1985 Jan;20(1):40-1

Quantitating heart lipids: comparison of results obtained using the Iatroscan method with those from phosphorus and gas chromatographic techniques. Kramer JK, et al. **Lipids** 1985 Aug;20(8):536-41

Milk fat structure of a patient with type 1 hyperlipidemia. Myher JJ, et al. **Lipids** 1984 Sep;19(9):673-82

Comparison of the thin layer chromatography/flame ionization detection system with other methods for the quantitative analysis of liver lipid contents in alcohol-fed rats and controls. Rao GA, et al. **Lipids** 1985 Aug;20(8):531-5

Effects of various dietary animal and vegetable proteins on serum and biliary lipids and on gallstone formation in the hamster. Sullivan MA, et al. **Lipids** 1985 Jan;20(1):1-6

Differentiation of Mycobacterium nonchromogenicum from Mycobacterium terrae and Mycobacterium triviale by tests for susceptibility to ofloxacin (DL 8280) and by the developing pattern of petroleum-ether soluble sulfolipids on TLC. Tsukamura M, et al. **Microbiol Immunol** 1985; 29(4):365-70

Lipid composition of Cryptococcus neoformans. Rawat DS, et al. **Microbiologica** 1984 Oct;7(4):299-307

Virulence, capsule size and lipid composition interrelation of Cryptococcus neoformans. Upreti HB, et al. **Microbiologica** 1984 Oct;7(4):371-4

Reactions of oxidized lipids with protein. Part 13. Autoxidation of hexanal in presence of nonlipidic components. Pokorný J, et al. **Nahrung** 1985;29(5):459-65

The chemistry and biochemistry of simple and complex lipids. Christie WW. **Nat Prod Rep** 1984 Oct;1(5):499-511 (387 ref.)

Developmental changes of myelin-related lipids in brain of miniature swine. Flynn TJ. **Neurochem Res** 1984 Jul; 9(7):935-45

The fetal adrenal gland: definitive cortex cystic change, lipid patterns, and their relationship to fetal disease and maturity. Delprado WJ, et al. **Pathology** 1984 Jul;16(3):312-7

Lipases and lipids in human milk: effect of freeze-thawing and storage. Berkow SE, et al. **Pediatr Res** 1984 Dec; 18(12):1257-62

A longitudinal study of rhesus monkey (Macaca mulatta) milk composition: trace elements, minerals, protein, carbohydrate, and fat. Lönnerdal B, et al. **Pediatr Res** 1984 Sep;18(9):911-4

The maternal pheromone and deoxycholic acid in relation to brain myelin in the preweanling rat. Lee TM, et al. **Physiol Behav** 1984 Sep;33(3):391-5

Reduction in hepatic lipid and plasma estradiol in estrogenized chicks injected with ascorbic acid. Takahashi K, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):200-3

Effect of 3-hydroxy-3-methylglutaric acid administration on bile lipid composition in humans. Di Padova C, et al. **Scand J Gastroenterol** 1984 Sep;19(6):820-3

Relation of spectral types to oil droplets in cones of turtle retina. Ohtsuka T. **Science** 1985 Aug 30;229(4716):874-7

A comparison of standard lipid staining techniques used in electron microscopic studies of mammalian tissues. Boshier DP, et al. **Stain Technol** 1984 Mar;59(2):83-9

Distribution of acidic glycosaminoglycans, lipids and water in normal human cerebral arteries at various ages. Murata K. **Stroke** 1985 Jul-Aug;16(4):687-94

Sclerotin and lipid in the waterproofing of the insect cuticle. Wigglesworth VB. **Tissue Cell** 1985;17(2):227-48

Effects of di-2-ethylhexyl phthalate on lipid composition of serum and testis in rats. Oishi S. **Toxicol Lett** 1984 Oct; 23(1):67-72

Lipids in human benign prostatic hypertrophy. van Sande M, et al. **Urol Res** 1985;13(2):73-6

Biochemistry of the sarcocyst of Sarcocystis fusiformis of buffalo Bubalus bubalis. Chaudhry RK, et al. **Vet Parasitol** 1985 Apr;17(4):295-8

Fatty acid and lipid composition of children's food. I. Analytical methods; composition of commercially available supplementary foods for juniors. Suwelack C, et al. **Z Ernahrungswiss** 1984 Dec;23(4):263-75

Lipid and wall amino acid composition in the classification of Rothia dentocariosa. Embley TM, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):285-95

Fatty acid composition of a Propionibacterium acnes vaccine and its relationship to immunostimulatory activity. Julák J, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2-3):296-309

Immunodiffusion and lipid analyses in the classification of 'Mycobacterium album' and the 'aurantiaca' taxon. Ridell M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb; 259(1):1-10

[Fatty acid content of the lipid fraction of the meat of chickens fed mixed feeds with added bacterial protein] Monov G, et al. **Vet Med Nauki** 1984;21(7-8):74-8 (Eng. Abstr.) **(Bul)**

[Fatty acid content in the lipid fraction of the meat of wild pigs] Petkov R, et al. **Vet Med Nauki** 1985;22(3):54-8 (Eng. Abstr.) **(Bul)**

[Lipid-rich carcinoma of the breast--a case report] Sun YK. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):304-5 (Eng. Abstr.) **(Chi)**

[Major biliary lipids and plasma lipids. A study of cholesterol biliary lithiasis] Acalovschi M, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):381-6 (Eng. Abstr.) **(Fre)**

[Administration of tetracycline to the intact and thyroidectomized rat: its effect on the ultrastructure of hepatocytes, lipids in the liver and plasma] Chaibi A. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):51-72 (Eng. Abstr.) **(Fre)**

[Dynamics of the composition of lipids in human milk during lactation] Hurgoiu V, et al. **Pediatrie** 1985 Apr-May; 40(3):201-5 (Eng. Abstr.) **(Fre)**

[Quantitative analysis of skin surface lipids using a sebumeter method. Random lipid levels on the skin surface during therapy with 13-cis-retinoic acid, minocycline hydrochloride and UVA rays] Kesseler T, et al. **Z Hautkr** 1985 Jun 1;60(11):857-65 (Eng. Abstr.) **(Ger)**

[Histochemical demonstration of proteins, lipids and polysaccharides in Japanese monkey oocytes] Niimura S, et al. **Jikken Dobutsu** 1985 Jan;34(1):73-6 (Eng. Abstr.) **(Jpn)**

[High density epidermoid. Protein and lipid analyses of cyst content--case report] Shiraishi K, et al. **Neurol Med Chir (Tokyo)** 1984 Sep;24(9):717-21 (Eng. Abstr.) **(Jpn)**

[Simultaneous analysis of bile lipid by the internal standard] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):519 **(Jpn)**

[Study on bile acid and lipid of gallbladder bile and gallstone in cases with calcium bilirubinate stones] Onochi S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2552-60 (Eng. Abstr.) **(Jpn)**

[Brain lipid metabolism during early period of global ischemia--with reference to the enzymes related to membrane phospholipid metabolism] Hattori T, et al. **No To Shinkei** 1985 Apr;37(4):377-83 (Eng. Abstr.) **(Jpn)**

[Biochemistry of lipids in Harderian gland] Seyama Y, et al. **Seikagaku** 1984 Oct;56(10):1266-72 (27 ref.) **(Jpn)**

[Comparative evaluation of several noninstrumental methods of determining fats in the fermentation media in manufacturing antibiotics] Dimov NP. **Antibiot Med Biotekhnol** 1985 Apr;30(4):275-7 (Eng. Abstr.) **(Rus)**

[Composition of neutral lipids, phospholipids and their fatty acids in mutant Candida tropicalis D-2 resistant to nystatin] Danilenko II. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug; (4):587-93 (Eng. Abstr.) **(Rus)**

[Fatty acid composition of fungal lipids in relation to cultivation conditions] Konova IV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):938-42 (Eng. Abstr.) **(Rus)**

[Lipid composition of Fusarium sambucinum grown in a fermenter on media with different carbon sources] Ievleva NR, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):628-32 (Eng. Abstr.) **(Rus)**

[Fatty acid composition of the lipids in fungi of the genus Aspergillus developing on mineral media with different carbon sources] Kolesnikova IG, et al. **Mikrobiologiia** 1984 Nov-Dec;53(6):938-41 (Eng. Abstr.) **(Rus)**

[Lipid fatty acid composition of fungi in the genus Aspergillus grown on media with various sources of nitrogen] Kolesnikova IG, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):826-9 (Eng. Abstr.) **(Rus)**

[Gravimetric analysis of the lipid content in neuronal cytoplasm] Krasnov IB. **Tsitologiia** 1984 Nov; 26(11):1327-30 (Eng. Abstr.) **(Rus)**

[Lipid fatty acids of the blood serum and surface of the skin in seborrhea patients] Alimova EK, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):15-8 (Eng. Abstr.) **(Rus)**

[Fatty acid composition of Leptospira lipids as a taxonomic criterion] Vasiurenko ZP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):6-11 (Eng. Abstr.) **(Rus)**

[Ultrastructural analysis of milk fat globule membranes of colostrum and human milk] Hernández F. **Rev Biol Trop** 1983 Nov;31(2):245-50 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Familial hypertriglyceridemia and the regulation of lipid synthesis by insulin and triiodothyronine in human cell cultures. Lemmen C, et al. **Agents Actions [Suppl]** 1984; 16:211-6

Neurohumoral stimulation of lipogenesis during altered states of energy balance. Melnyk RB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R355-9

Biosynthesis of a sulfonolipid in gliding bacteria. Abbanat DR, et al. **Biochem Biophys Res Commun** 1985 Jul 31; 130(2):873-8

Short-term stimulation of lipogenesis by triiodothyronine in maintenance cultures of rat hepatocytes. Gnoni GV, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):525-30

Lipid synthesis in isolated rat hepatocytes: activation by insulin and vanadate and inhibition by ouabain. Castro J, et al. **Biochem Int** 1984 Oct;9(4):413-20

The choline-depleted type II pneumonocyte. A model for investigating the synthesis of surfactant lipids. Anceschi MM, et al. **Biochem J** 1984 Nov 15;224(1):253-62

Regulation of lipogenesis and of non-saponifiable-lipid synthesis in vivo at birth and after prolonged starvation in the newborn rat. Benito M, et al. **Biochem J** 1984 Dec 15;224(3):823-8

Regulation of lactating-rat mammary-gland lipogenesis by insulin and glucagon in vivo. The role and site of action of insulin in the transition to the starved state. Jones RG, et al. **Biochem J** 1984 Oct 15;223(2):345-51

Tumour-promoting phorbol esters increase basal and inhibit insulin-stimulated lipogenesis in rat adipocytes without decreasing insulin binding. van de Werve G, et al. **Biochem J** 1985 Jan 15;225(2):523-7

Evidence that the stimulation of lipogenesis in the mammary glands of starved lactating rats re-fed with a chow diet is dependent on continued hepatic gluconeogenesis during the absorptive period. Effects of a gluconeogenic inhibitory, mercaptopicolinic acid, in vivo. Williamson DH, et al. **Biochem J** 1985 Jun 15;228(3):727-33

Measurement of the time between biosynthesis and surface excretion of sebaceous lipids in the horse. Colton SW 6th, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):98-103

Diurnal variations of lipogenic enzymes, their substrate and effector levels, and lipogenesis from tritiated water in rat liver. Fukuda H, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):163-8

Acetoacetate and glucose as substrates for lipid synthesis by rat brain oligodendrocytes and astrocytes in serum-free culture. Koper JW, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):20-6

Cis-unsaturated fatty acids induce both lipogenesis and calcium binding in adipocytes. Shechter Y, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):89-96

Vitamin A and biochemical development. I. Effect of postnatal excess vitamin-A administration on lipogenesis in various organs of the rat. Shukla RR, et al. **Biol Neonate** 1984;46(6):285-90

Lipogenesis and lipoprotein lipase in human adipose tissue: reproducibility of measurements and relationships with fat cell size. Savard R, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1448-52

Insulin-like activity of proteases. VIII. Stimulation of lipogenesis and pyruvate dehydrogenase and suppression of epinephrine-sensitive lipolysis in rat epididymal adipose tissue by an N-succinyl-L-trialanine p-nitroanilide-hydrolyzing protease from pronase. Ueki H, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4539-44

Stimulation of the lipogenic pathway in ginsenoside-Rb2 treated rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4490-6

The effect of prolonged fasting on total lipid synthesis and enzyme activities in the liver of the European eel (Anguilla anguilla). Abraham S, et al. **Comp Biochem Physiol [B]** 1984;79(2):285-9

The in vivo incorporation of acetate into different non-saponifiable lipids by neonatal chick tissues. Arce V, et al. **Comp Biochem Physiol [B]** 1984;78(3):617-20

Inhibition by potential metabolic inhibitors of in vitro adipose tissue lipogenesis. Hood RL, et al. **Comp Biochem Physiol [B]** 1985;81(3):667-70

Horseshoe crab (Limulus polyphemus) lectin but not garden snail (Helix pomatia) lectin elicits insulin-like activities in vitro. Ng TB, et al. **Comp Biochem Physiol [B]** 1985; 81(2):503-4

Epidermal and nerve growth factors manifest antilipolytic and lipogenic activities in isolated rat adipocytes. Ng TB, et al. **Comp Biochem Physiol [B]** 1985;81(3):687-9

The effects of duodenal glucose and dextrin infusion on adipose tissue metabolism in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1984;78(3):565-7

Lipogenic enzyme activity and fructose 2,6-bisphosphate concentration in livers of two lines of domestic fowl (Gallus domesticus) selected for different body fat content. Bannister DW, et al. **Int J Biochem** 1984;16(12):1301-5

The stimulation of lipogenesis in white adipose tissue from fed rats by corticosterone. Minshull M, et al. **Int J Biochem** 1985;17(4):529-32

Influence of inorganic phosphate on the lipid synthesis of a phosphate-deregulated mutant of Streptomyces noursei. Hänel F, et al. **J Basic Microbiol** 1985;25(5):325-33

Inhibition of lipid synthesis by beta beta'-tetramethyl-substituted, C14-C22, alpha, omega-dicarboxylic acids in the rat in vivo. Bar-Tana J, et al. **J Biol Chem** 1985 Jul 15;260(14):8404-10

Inhibition of lipid synthesis by beta beta'-tetramethyl-substituted, C14-C22, alpha, omega-dicarboxylic acids in cultured rat hepatocytes. Kose-Kahn G, et al. **J Biol Chem** 1985 Jul 15; 260(14):8411-5

Effects of various antihypertensive agents on lipid metabolism: alterations in the pattern of lipids synthesized from [14C]oleate in rat liver in vitro. Bell FP. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):443-8

Age-parity-season adjustment factors for milk and fat yields of dairy goats. Finley CM, et al. **J Dairy Sci** 1984 Aug; 67(8):1868-72

Prolactin permits the expression of a circadian variation in lipogenic responsiveness to insulin in hepatocytes of the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1985 Aug;106(2):173-6

Circadian rhythms of lipogenic and hypoglycaemic responses to insulin in the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1984 Nov;103(2):141-6

Effects of cortisol and progesterone on insulin binding and lipogenesis in adipocytes from normal and diabetic rats. Mendes AM, et al. **J Endocrinol** 1985 Aug;106(2):225-31

Changes in the sensitivity of lipogenesis in rat hepatocytes to hormones and precursors over the diurnal cycle and during longer-term starvation of donor animals. Gibbons GF, et al. **J Lipid Res** 1984 Dec 1;25(12):1358-67

Plant lipid biosynthesis in 1959 and 1984. Stumpf PK. **J Lipid Res** 1984 Dec 15;25(13):1508-10

Early effects of dietary orotic acid upon liver lipid synthesis and bile cholesterol secretion in rats. Tokmakjian SD, et al. **J Lipid Res** 1985 Apr;26(4):478-86

In vitro incorporation of (U-C14)-glucose and (1-C14)-sodium acetate in peripheral nerves of malnourished young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(5):261-8

Effect on the interaction of dietary carbohydrate and fat on the responses of rats to starvation-refeeding. Baltzell JK, et al. **J Nutr** 1985 Jan;115(1):104-10

Biological activity of the hypolipidemic agent, N2-n-butylindazolone. Hall IH, et al. **J Pharm Sci** 1984

Dec;73(12):1788-91

Changes in cellular lipid synthesis of normal and neoplastic cells during cytolysis induced by alkyl lysophospholipid analogues. Herrmann DB. **JNCI** 1985 Sep;75(3):423-30

Comparative study of lipogenic enzymes in several vertebrates. Iritani N, et al. **Lipids** 1984 Nov;19(11):828-35

Biosynthesis of lipids by bovine meibomian glands. Kolattukudy PE, et al. **Lipids** 1985 Jul;20(7):468-74

Relationship between lipogenesis, ketogenesis, and malonyl-CoA content in isolated hepatocytes from the obese Zucker rat adapted to a high-fat diet. Malewiak MI, et al. **Metabolism** 1985 Jul;34(7):604-11

Deficiency of enzymes catalyzing the biosynthesis of glycerol-ether lipids in Zellweger syndrome. A new category of metabolic disease involving the absence of peroxisomes. Datta NS, et al. **N Engl J Med** 1984 Oct 25; 311(17):1080-3

Enhanced utilization of 14-methylhexadecanoic acid for the synthesis of lipids during the growth of Walker 256 carcinoma in rats. Tuháčková Z, et al. **Neoplasma** 1985; 32(3):323-34

Lipogenesis and lipolysis in fed and fasted chicks from high and low body weight lines. Calabotta DF, et al. **Poult Sci** 1985 Apr;64(4):700-4

Lipogenesis and body fat in chicks: effects of calorie-protein ratio and dietary fat. Donaldson WE. **Poult Sci** 1985 Jun; 64(6):1199-204

Energy and protein relationships in the broiler. 1. Effect of protein levels and feeding regimens on growth, body composition, and in vitro lipogenesis of broiler chicks. Rosebrough RW, et al. **Poult Sci** 1985 Jan;64(1):119-26

Effect of dietary fat and environment on lipogenesis by large white breeder turkeys. Rosebrough RW, et al. **Poult Sci** 1985 Jun;64(6):1170-6

Hormonal and lipogenic and gluconeogenic enzymatic responses in LA/N-corpulent rats. Ellwood KC, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):163-7

Lipogenesis as related to endocrine control of adipose cellularity in the rat. Levacher C, et al. **Reprod Nutr Dev** 1985;25(1B):169-73

Inhibition of acetate incorporation into lipids by adriamycin. Okano C, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):293-6

Incorporation in vitro of 14C fatty acids into bovine sebaceous gland and dermal lipids. McMaster JD, et al. **Res Vet Sci** 1985 May;38(3):341-5

Lipid biosynthesis, oxidative enzyme activities and cellular changes in growing olive fruit. Donaire JP, et al. **Rev Esp Fisiol** 1984 Jun;40(2):191-203

A macrophage factor inhibits adipocyte gene expression: an in vitro model of cachexia. Torti FM, et al. **Science** 1985 Aug 30;229(4716):867-9

Conversion of acetate to CO2, lipids, proteins, and lipoproteins during hemodialysis in humans. Morin RJ, et al. **Uremia Invest** 1984-85;8(2):61-7

[Use of several precursors for in vivo lipid synthesis in different animal organs and tissues in the neonatal period] Snitinskiĭ VV, et al. **Biokhimiia** 1984 Oct;49(10):1656-60 (Eng. Abstr.) **(Rus)**

[Effect of acute alcoholic intoxication on lipogenesis in the liver of rats] Buko VU, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):67-70 (Eng. Abstr.) **(Rus)**

[Lipogenesis in the liver of rats following flight on Cosmos-1129 biosatellite] Makho L, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):84-5 **(Rus)**

[Biosynthesis of protein and reserve substances by yeasts growing on different substrates with limited sources of mineral nutrition] Ermakova IT, et al. **Mikrobiologiia** 1984 Jul-Aug;53(4):540-6 (Eng. Abstr.) **(Rus)**

[Changes in the ultrastructure and intensity of lipid synthesis in the adipocytes of subcutaneous fatty tissue of piglets following birth] Snitinskiĭ VV, et al. **Tsitologiia** 1985 Jan; 27(1):46-9 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of specific protein kinases during intensification of lipogenesis and treatment with nicotinic acid] Khustochka LN, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):41-7 (Eng. Abstr.) **(Rus)**

[Phosphorylation of acetyl-CoA-carboxylase in the chicken liver during intensification of lipogenesis and treatment with nicotinic acid] Khustochka LN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):17-21 (Eng. Abstr.) **(Rus)**

[Properties and biosynthesis of acetyl-CoA-carboxylase from chicken liver with administration of nicotinic acid during stimulation of lipogenesis.] Pozharun SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):24-31 (Eng. Abstr.) **(Rus)**

[Lipogenesis and gluconeogenesis in the liver of irradiated rats] Sedlakova A, et al. **Ukr Biokhim Zh** 1984 Sep-Oct; 56(5):532-6 (Eng. Abstr.) **(Rus)**

BLOOD

A comparison on blood lipids and fatty acid composition of lipoproteins between normal adults and patients with coronary heart disease. Wang SP, et al. **Acta Acad Med Wuhan** 1984;4(4):206-12

Plasma lipid metabolism at trauma: appearance of characteristic apolipoproteins in high density lipoproteins. Carlson LA, et al. **Acta Chir Scand [Suppl]** 1985;522:87-106

Lipids, lipoproteins and apolipoproteins in type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus. Bittolo Bon G, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):315-24

Serum lipids and glucose in obese persons. Ristić V, et al. **Acta Med Iugosl** 1984;38(4):247-53

Confrontation of biochemical findings with angiographically determined intensity of atherosclerosis of brain arteries. Maciejek Z, et al. **Acta Med Pol** 1984;25(1-4):87-96

The effect of acebutolol on plasma lipids, blood glucose and serum insulin levels. Lehtonen A. **Acta Med Scand** 1984; 216(1):57-60

Serum lipid changes after gastroplasty for morbid obesity. Ranløv PJ. **Acta Med Scand** 1984;216(5):503-8

Hypothalamic control of lipid metabolism. Schwandt P. **Acta Neurochir (Wien)** 1985;75(1-4):122-4

Lipid metabolic studies in women with a polycystic ovary syndrome during treatment with a low-dose desogestrel-ethinylestradiol combination. Cullberg G, et al. **Acta Obstet Gynecol Scand** 1985;64(3):203-7

A continuous estrogen-progestogen regimen for climacteric complaints. Effects on lipid and lipoprotein metabolism. Mattsson LA, et al. **Acta Obstet Gynecol Scand** 1984; 63(8):673-7

Serum lipids and lipoproteins in patients with endometrial carcinoma receiving adjuvant treatment with hydroxyprogesterone caproate. Onsrud M. **Acta Obstet Gynecol Scand** 1985;64(2):179-82

The influence of hormonal replacement therapy on lipid and lipoprotein metabolism. Crona N, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:49-52

Plasma noradrenaline and adrenaline in newborn infants of diabetic mothers: relation to plasma lipids. Hertel J, et al. **Acta Paediatr Scand** 1985 Jul;74(4):521-4

Red cell membrane lipid peroxidation and hemolysis secondary to phototherapy. Ostrea EM Jr, et al. **Acta Paediatr Scand** 1985 May;74(3):378-81

Seasonal changes in blood lipids, adrenaline, noradrenaline, glucose and insulin in Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 May;124(1):53-9

Ascorbic acid effect on some lipid fractions in human beings. Erden F, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):131-7

Strategy, yield and risks of controlling plasma lipids in the primary prevention of coronary heart disease. Oliver MF. **Adv Exp Med Biol** 1985;183:225-40

Central histaminergic stimulation of hyperlipemic response in rats under stress. Bugajski J, et al. **Agents Actions** 1985 Apr;16(3-4):236-9

Importance of particle size and lipid composition in the transfer of plasma apolipoproteins to microemulsions. Connelly PW. **Agents Actions [Suppl]** 1984;16:95-9

Oral administration of polyunsaturated phosphatidylcholine reduces lipid and cholesterol contents in platelets of healthy volunteers. Galli C, et al. **Agents Actions [Suppl]** 1984; 16:225-8

Ethanol and lipids. Lieber CS, et al. **Alcoholism (NY)** 1984 Jul-Aug;8(4):409-23

Relationship between lipids and angiographically defined coronary artery disease in Japanese patients. Kanamori K, et al. **Am Heart J** 1984 Nov;108(5):1207-11

Effect of beta blockers on blood lipid profile. Lehtonen A. **Am Heart J** 1985 May;109(5 Pt 2):1192-6

Serum lipids as indicators of coronary disease assessed by angiography [letter] Ramsdale DR, et al. **Am Heart J** 1985 Jun;109(6):1415-8

Mechanism of protection from atherosclerosis by verapamil in the cholesterol-fed rabbit. Blumlein SL, et al. **Am J Cardiol** 1984 Oct 1;54(7):884-9

Changing the Mediterranean diet: effects on blood lipids. Ferro-Luzzi A, et al. **Am J Clin Nutr** 1984 Nov; 40(5):1027-37

Diet, nutrition intake, and metabolism in populations at high and low risk for colon cancer. Relationship of diet to serum lipids. Kritchevsky D, et al. **Am J Clin Nutr** 1984 Oct;40(4 Suppl):921-6

Effects of cyclic (nocturnal) total parenteral nutrition and continuous enteral nutrition on circadian rhythms of blood lipids, lipoproteins and apolipoproteins in humans. Matuchansky C, et al. **Am J Clin Nutr** 1985 Apr; 41(4):727-34

The effects of inorganic chromium and brewer's yeast on glucose tolerance, plasma lipids, and plasma chromium in elderly subjects. Offenbacher EG, et al. **Am J Clin Nutr** 1985 Sep;42(3):454-61

Effect of dietary cholesterol and degree of fat unsaturation on plasma lipid levels, lipoprotein composition, and fecal steroid excretion in normal young adult men. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):399-413

Plasma lipid and lipoprotein response of humans to beef fat, coconut oil and safflower oil. Reiser R, et al. **Am J Clin Nutr** 1985 Aug;42(2):190-7

High energy expenditures influence the plasma lipid concentrations effected by dietary differences [letter] Reiser R. **Am J Clin Nutr** 1985 Feb;41(2):375-6

A comparison of the effect of diets containing beef protein and plant proteins on blood lipids of healthy young men. Wiebe SL, et al. **Am J Clin Nutr** 1984 Nov;40(5):982-9

Role of the apolipoprotein E polymorphism in determining normal plasma lipid and lipoprotein variation. Sing CF, et al. **Am J Hum Genet** 1985 Mar;37(2):268-85

Relationship of exercise, oral contraceptive use, and body fat to concentrations of plasma lipids and lipoprotein cholesterol in young women. Merians DR, et al. **Am J Med** 1985 Jun;78(6 Pt 1):913-9

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol [letter] Tucker WS Jr. **Am J Med** 1985 Jun;78(6 Pt 1):A52, A54

Altered effect of 3% dietary cholestyramine on plasma lipids and biliary bile acid output in the pregnant rat. Innis SM. **Am J Obstet Gynecol** 1984 Nov 15;150(6):742-4

Regulation of plasma lipid levels by plasma viscosity in nephrotic rats. Yedgar S, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E10-4

Description of analytical problems arising from elevated serum solids. McGowan MW, et al. **Anal Biochem** 1984 Nov 1;142(2):239-51

The role of plasma lipids in carotid bifurcation atherosclerosis. Ford CS, et al. **Ann Neurol** 1985 Mar; 17(3):301-3

Effect of supplementing medium chain triglycerides with linoleic acid-rich monoglycerides on severely disturbed serum lipid fatty acid patterns in patients with cystic fibrosis. Christophe A, et al. **Ann Nutr Metab** 1985; 29(4):239-45

Effects of several alimentary fats on serum lipids during long-term stabilized diets. Lasserre M, et al. **Ann Nutr Metab** 1984;28(6):334-41

Lipids, lipoproteins and alpha-tocopherol: relationship and changes during adolescence. A longitudinal study. Widhalm K, et al. **Ann Nutr Metab** 1985;29(1):12-8

Biochemical study of pentachlorophenol workers. Baxter RA. **Ann Occup Hyg** 1984;28(4):429-38

Effects of continuous long-term intravenous infusion of long-chain fatty acids on feeding behaviour and blood components of adult sheep. Vandermeerschen-Doizé F, et al. **Appetite** 1984 Jun;5(2):137-46

Age-related changes in plasma lipid levels and tissue lipoprotein lipase activities of Fischer-344 rats. Carlile SI, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):133-40

Metabolic effects of beta adrenoceptor blockade. Kendall MJ, et al. **Arq Bras Cardiol** 1984 Sep;43(3):201-7 (64 ref.)

Serum lipids in the People's Republic of China. Comparison of Western and Eastern populations. Kesteloot H, et al. **Arteriosclerosis** 1985 Sep-Oct;5(5):427-33

Effects of ethyl-2-(4-chlorophenyl)-5-ethoxy-4-oxazole acetate (Y-9738) on the serum lipids of patients with hyperlipidemia and/or hypo-HDL-emia. Kajiyama G, et al. **Arzneimittelforsch** 1984;34(6):730-3

Effect of polyunsaturated isocaloric fat diets on plasma lipids, apolipoproteins and fatty acids. Blaton V, et al. **Atherosclerosis** 1984 Oct;53(1):9-20

Plasma lipid and lipoprotein cholesterol levels in swine. Modification of protein-induced response by added cholesterol and soy fiber. Cho BH, et al. **Atherosclerosis** 1985 Jul;56(1):39-49

Glunicate (LG 13979) protects the arterial wall from cholesterol-induced atherosclerotic changes in the rabbit without affecting plasma lipids. Criscuoli M, et al. **Atherosclerosis** 1984 Oct;53(1):59-68

Effect of physical exercise on blood lipids and adipose tissue composition in young healthy men. Danner SA, et al. **Atherosclerosis** 1984 Oct;53(1):83-90

The effects on lipids, blood viscosity and platelet aggregation of combined use of niceritrol (Perycit) and a low dose of acetylsalicylic acid. Hamazaki T, et al. **Atherosclerosis** 1985 Apr;55(1):107-13

Characterization of plasma lipids and lipoproteins in patients with beta 2-glycoprotein I (apolipoprotein H) deficiency. Hoeg JM, et al. **Atherosclerosis** 1985 Apr;55(1):25-34

A year-long study of changes induced by thyroidectomy in the plasma lipid and lipoprotein spectrum in the European badger. Laplaud PM, et al. **Atherosclerosis** 1984 Nov;53(2):129-50

The influence of dietary fats on plasma lipids, blood pressure and coagulation indices in the rat. McIntosh GH, et al. **Atherosclerosis** 1985 May;55(2):125-34

Comparative evaluation of the effects of ciprofibrate and fenofibrate on lipids, lipoproteins and apoproteins A and B. Rouffy J, et al. **Atherosclerosis** 1985 Mar;54(3):273-81

On the effects of dietary n-3 fatty acids (Maxepa) on plasma lipids and lipoproteins in patients with hyperlipidaemia. Simons LA, et al. **Atherosclerosis** 1985 Jan;54(1):75-88

Influence on serum lipids, lipoproteins and blood pressure of mackerel and herring diet in patients with type IV and V hyperlipoproteinemia. Singer P, et al. **Atherosclerosis** 1985 Jul;56(1):111-8

Training-induced changes in serum lipids, fat tolerance, and adipose tissue metabolism in patients with hypertriglyceridemia. Wirth A, et al. **Atherosclerosis** 1985 Mar;54(3):263-71

Vegetarian diets, lipids and cardiovascular risk. Masarei JR, et al. **Aust NZ J Med** 1984 Aug;14(4):400-4

The interactions of body weight, age, cigarette smoking and hormone usage with blood pressure and plasma lipids in an Australian community. Simons LA, et al. **Aust NZ J Med** 1984 Jun;14(3):215-21

Lipid organization in erythrocyte membrane microvesicles. Scott S, et al. **Biochem J** 1984 Nov 15;224(1):285-90

Characterization of plasma lipids and lipoproteins in cholesteryl ester storage disease. Kelly DR, et al. **Biochem Med** 1985 Feb;33(1):29-37

In vivo distribution and turnover of trans- and cis-10-octadecenoic acid isomers in human plasma lipids. Emken EA, et al. **Biochim Biophys Acta** 1985 Sep 11; 836(2):233-45

Functional role of lipid metabolism in activated T-lymphocytes. Goppelt M, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):463–72

Effect of dietary (n--3) fatty acids on platelet function and lipid metabolism in rats. Nordøy A, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):491–500

Hypolipidemic effect of garlic and thyroid function. Chaudhuri BN, et al. **Biomed Biochim Acta** 1984; 43(7):1045–7

Influence of a cod liver oil diet in diabetics type I on fatty acid patterns and platelet aggregation. Schimke E, et al. **Biomed Biochim Acta** 1984;43(8–9):S351–3

The influence of cimetidine and ranitidine on the plasma lipid pattern. Terruzzi V, et al. **Br J Clin Pharmacol** 1985 Jun; 19(6):846–8

The effect of MaxEPA on the serum lipids, platelets, bleeding time and GTN consumption. Saynor R, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:70–4

Garlic and blood lipids [letter] Ernst E, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):139

The Tromsø heart study: coffee consumption and serum lipid concentrations in men with hypercholesterolaemia: an randomised intervention study. Førde OH, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):893–5

How soon after myocardial infarction should plasma lipid values be assessed? [letter] Rubiés-Prat J, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):470–1

How soon after myocardial infarction should plasma lipid values be assessed? Ryder RE, et al. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1651–3

Prevention of leukemia and the increase of plasma levels of lipid-bound sialic acid by allogeneic bone marrow transplantation in mice. Wustrow TP, et al. **Cancer Res** 1985 Mar;45(3):1097–100

Biological actions of the natural coumarins. I. Changes of lipids and glucose levels in rat plasma after intraperitoneal administration of various linear-type furanocoumarins. Yasuda M, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov; 32(11):4650–2

The relationship between the level of lipidemia and the macrovascular complications of diabetes. Hu SX, et al. **Chin Med J [Engl]** 1984 Jun;97(6):405–10

Removal of lipids before liquid chromatography of vitamin D in serum [letter] Clarke AD, et al. **Clin Chem** 1985 Apr; 31(4):657–8

Concentrations of lipids, lipoprotein, and apolipoproteins in serum of Zimbabwean Africans. Gomo ZA. **Clin Chem** 1985 Aug;31(8):1390–2

Hyperlipoproteinemia with albumin-lipid complex: a novel type of hyperlipoproteinemia associated with insulin-resistant diabetes mellitus. Habbal ZM, et al. **Clin Chem** 1985 Mar;31(3):371–6

Quality control of lipid measurements in epidemiological studies: the U.S. Air Force HEART program. Hainline A Jr, et al. **Clin Chem** 1985 Feb;31(2):261–3

Simple removal of lipids from serum [letter] Rasbold K, et al. **Clin Chem** 1985 May;31(5):782

5,5'-Dithiobis(2-nitrobenzoic acid) does not influence isolation or lipid composition of lipoproteins obtained by ultracentrifugation [letter] Tallet F, et al. **Clin Chem** 1984 Oct;30(10):1713–4

Analyzed controls for lipid analysis available [letter] Warnick GR. **Clin Chem** 1985 Apr;31(4):661

Erythrocyte and leukocyte lipids in alcoholic macrocytosis. Halsall S, et al. **Clin Chim Acta** 1985 Jul 15;149(2–3):165–73

Effects of isotretinoin on serum lipids and lipoproteins, liver and thyroid function. Marsden JR, et al. **Clin Chim Acta** 1984 Nov 30;143(3):243–51

Lipids, fatty acids and trace elements in plasma and erythrocytes of pediatric patients with homozygous sickle cell disease. Muskiet FD, et al. **Clin Chim Acta** 1984 Sep 15;142(1):1–10

Apolipoprotein and lipid abnormalities in uremic children on hemodialysis. Ohta T, et al. **Clin Chim Acta** 1985 Apr 15;147(2):145–54

Lipid- and lipoprotein values in octo- and nonagenarians free from overt degenerative arterial disease. Schneider J. **Clin Chim Acta** 1984 Oct 29;143(1):1–5

Analysis of the fatty acid composition of human serum lipids by high performance liquid chromatography. Shimomura Y, et al. **Clin Chim Acta** 1984 Nov 30;143(3):361–6

Lipids and apolipoproteins in patients treated with major tranquilizers. Sasaki J, et al. **Clin Pharmacol Ther** 1985 Jun; 37(6):684–7

Plasma lipid transport. Spector AA. **Clin Physiol Biochem** 1984;2(2–3):123–34 (69 ref.)

Platelet fatty acid composition in relation to fatty acid composition in plasma and to serum lipoprotein lipids in healthy subjects with special reference to the linoleic acid pathway. Boberg M, et al. **Clin Sci** 1985 May;68(5):581–7

Unusual lipid composition of erythrocytes from the insectivorous bat Molossus molossus. Gillett MP, et al. **Comp Biochem Physiol [A]** 1985;80(2):149–50

Effects of levonorgestrel and desogestrel in low-dose oral contraceptive combinations on serum lipids, apolipoproteins A-I and B and glycosylated proteins. Bergink EW, et al. **Contraception** 1984 Jul;30(1):61–72

Effect of a new contraceptive ring releasing 20 micrograms levonorgestrel daily on blood lipid levels and glucose tolerance. Elder MG, et al. **Contraception** 1984 Jul; 30(1):55–60

Oral contraceptives, lipids and cardiovascular disease. Fotherby K. **Contraception** 1985 Apr;31(4):367–94 (67 ref.)

Serum lipid and lipoprotein changes induced by new oral contraceptives containing ethinylestradiol plus levonorgestrel or desogestrel. Gaspard UJ, et al. **Contraception** 1985 Apr;31(4):395–408

Effect of subdermal levonorgestrel contraceptive implants, Norplant, on serum lipids. Shaaban MM, et al. **Contraception** 1984 Nov;30(5):413–9

Lipid abnormalities in patients with different degrees of chronic renal failure. Cianciaruso B, et al. **Contrib Nephrol** 1984;41:438–40

Early changes of plasma lipid status and glucose tolerance during the course of chronic renal failure. Grützmacher P, et al. **Contrib Nephrol** 1984;41:332–6

Plasma lipid levels and heart lipoprotein lipase activity in mice under social stress. Lavín-Palmieri M, et al. **Cor Vasa** 1984;26(4):304–8

The effect of continuous subcutaneous insulin infusion on serum lipids. Lawson P, et al. **Diabete Metab** 1984 Oct; 10(4):239–44

Observations on blood lipid and intermediary metabolite concentrations during conventional insulin treatment or CSII. Lawson P, et al. **Diabetes** 1985 Aug;34 Suppl 3:27–30

Plasma lipids and lipoprotein cholesterol in undernourished diabetic subjects and adults with protein energy malnutrition. Das S, et al. **Diabetes Care** 1984 Nov–Dec; 7(6):579–86

Alterations in plasma lipids in the presence of mild glucose intolerance in the offspring of two type II diabetic parents. Ganda OP, et al. **Diabetes Care** 1985 May–Jun;8(3):254–60

Correlation of serum lipids with diabetes control in sulfonylurea-treated diabetic patients. Huupponen RK, et al. **Diabetes Care** 1984 Nov–Dec;7(6):575–8

Intersex differences in plasma lipid content and in various lipoprotein fractions in New Zealand albino rabbits. Hromadová M, et al. **Endocrinol Exp (Bratisl)** 1984 Dec; 18(4):255–61

Serum lipid distribution and mortality in Belgium. Kesteloot H, et al. **Eur Heart J** 1984 Oct;5(10):778–83

Clinical significance of plasma lipid-bound sialic acid (LBSA) and carcinoembryonic antigen (CEA) in gynaecologic cancer patients. Tredese F, et al. **Eur J Gynaecol Oncol** 1985;6(2):136–8

The effects of two gonane progestins alone and in combination with ethinyl estradiol on serum lipoproteins. Crona N, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):365–74

Lipid composition of serum lipoproteins in relation to gonadal hormones during the normal menstrual cycle. Mattsson LA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):327–35

Fatty acid composition of plasma lipids in acrodermatitis enteropathica before and after zinc supplementation. Koletzko B, et al. **Eur J Pediatr** 1985 Mar;143(4):310–4

Variations in serum lipids and lipoproteins throughout the menstrual cycle. Ahumada Hemer H, et al. **Fertil Steril** 1985 Jul;44(1):80–4

Lipid metabolism in women with polycystic ovary syndrome: possible implications for an increased risk of coronary heart disease. Mattsson LA, et al. **Fertil Steril** 1984 Oct; 42(4):579–84

Detection of gastric cancer by a combination of tissue polypeptide antigen (TPA), lipid-bound sialic acid (LBSA) and carcinoembryonic antigen (CEA). Uehara Y, et al. **Gastroenterol Jpn** 1984 Oct;19(5):424–9

Plasma sex hormone and lipid patterns in normal and restricted-ovulator chicken hens. Leszczynski DE, et al. **Gen Comp Endocrinol** 1984 Aug;55(2):280–8

Lipid and lipoprotein levels following pure estradiol implantation in post-menopausal women. Sharf M, et al. **Gynecol Obstet Invest** 1985;19(4):207–12

Effects of high dose progestin on serum lipids and lipid metabolizing enzymes in patients with endometrial cancer. Lehtonen A, et al. **Horm Metab Res** 1985 Jan;17(1):32–4

Changes of plasma lipids and lipoprotein levels during danazol treatment for endometriosis. Schweppe KW, et al. **Horm Metab Res** 1984 Nov;16(11):593–7

ABO associations with blood pressure, serum lipids and lipoproteins, and anthropometric measures. Borecki IB, et al. **Hum Hered** 1985;35(3):161–70

Lipids in pulmonary tuberculosis. Seth SC, et al. **Indian J Chest Dis Allied Sci** 1984 Apr–Jun;26(2):87–91

Effect of whole buckwheat (Fagopyrum esculentum) flour supplementation on lipid profile & glucose tolerance. Bijlani RL, et al. **Indian J Med Res** 1985 Feb;81:162–8

Effect of different combinations of ethinyl estradiol & levonorgestrel on plasma lipids including high-density lipoprotein cholesterol. Mandal B, et al. **Indian J Med Res** 1985 Apr;81:382–6

Diet, body fat & plasma lipids in breast cancer. Sarin R, et al. **Indian J Med Res** 1985 May;81:493–8

Serum lipid status in neonates. Haridas N, et al. **Indian Pediatr** 1984 Apr;21(4):327–34

Lipids and lipoprotein values in normal children. Mirza K, et al. **Indian Pediatr** 1984 Apr;21(4):313–7

Serum lipids and lipoprotein values in children of coronary artery disease parents. Mirza K, et al. **Indian Pediatr** 1984 Mar;21(3):235–40

Effect of l-carnitine on lipid pattern in debilitated patients treated with Intralipid. Pola P, et al. **Int J Clin Pharmacol Res** 1983;3(3):179–84

Propranolol plasma binding and serum lipids during chronic therapy in migraine patients. Albani F, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):267–9

Plasma lipoproteins of monosodium glutamate-induced obese rats. Oida K, et al. **Int J Obes** 1984;8(5):385–91

Lipids and lipoproteins in obese adolescents during a hypocaloric diet [letter] Sterpa A, et al. **Int J Obes** 1984; 8(5):467–8

Serum lipids in power athletes self-administering testosterone and anabolic steroids. Alén M, et al. **Int J Sports Med** 1985 Jun;6(3):139–44

Effects of physical activity and diet on lipemic risk factors for atherosclerosis in women. Reggiani E, et al. **Int J Sports Med** 1984 Aug;5(4):183–6

Abnormalities of lipid metabolism and methods of their correction in patients with glomerulonephritis. Pyrig LA, et al. **Int Urol Nephrol** 1984;16(4):361–7

Gliclazide: the effects on lipids in type II diabetes. Delargy M, et al. **Ir J Med Sci** 1985 Mar;154(3):102–5

Determinants of thyroid hormone and thyroid-lipid interrelationships in Jerusalem. Slater PE, et al. **Isr J Med Sci** 1984 Dec;20(12):1158–63

Relationship of plasma lipid concentrations to fat deposition in pigs. Mersmann HJ, et al. **J Anim Sci** 1985 Jul; 61(1):122–8

Effects of exercise training on plasma lipids and lipoproteins in rats. Pels AE 3d, et al. **J Appl Physiol** 1985 Feb; 58(2):612–8

Serum lipid in chronic renal failure. Das BS, et al. **J Assoc Physicians India** 1984 Dec;32(12):1019–21

Plasma lipids and lipoprotein cholesterol in patients with premature ischaemic heart disease and ischaemic cerebrovascular disease. Das S, et al. **J Assoc Physicians India** 1984 Nov;32(11):949–54

Determination of plasma total lipid profiles by capillary gas-liquid chromatography. Myher JJ, et al. **J Biochem Biophys Methods** 1984 Nov;10(1–2):13–23

Human plasma carboxyl esterase-catalyzed triolein hydrolysis. Existence of promoting factor in serum. Shirai K, et al. **J Biol Chem** 1985 May 10;260(9):5225–7

Coronary heart disease and the treatment of hypertension: impact of diuretics on serum lipids and glucose. Ames RP. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S466–73

Prazosin does not alter levels of plasma lipids, glucose, and insulin. Cambien F, et al. **J Cardiovasc Pharmacol** 1985 May–Jun;7(3):516–9

The impact on serum lipids of combinations of diuretics and beta-blockers and of beta-blockers alone. Helgeland A. **J Cardiovasc Pharmacol** 1984;6 Suppl 3:S474–6

Effects of guanabenz on plasma lipid levels in hypertensive patients. Kaplan NM. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S841–6

Effects of beta-blockers on plasma lipids during antihypertensive therapy. Lehtonen A. **J Cardiovasc Pharmacol** 1985;7 Suppl 2:S10–4 (34 ref.)

Metformin improves peripheral vascular flow in nonhyperlipidemic patients with arterial disease. Sirtori CR, et al. **J Cardiovasc Pharmacol** 1984 Sep–Oct; 6(5):914–23

Effect of postpartum lactation on lipoprotein lipids and apoproteins. Knopp RH, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):542–7

The effect of sucrose content in high and low carbohydrate diets on plasma glucose, insulin, and lipid responses in hypertriglyceridemic humans. Liu G, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):636–42

Identification of 1,24(R)-dihydroxyvitamin D3-like bone-resorbing lipid in a patient with cancer-associated hypercalcemia. Shigeno C, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):761–8

Fatty acid compositions of serum lipids, erythrocytes, and platelets in insulin-dependent diabetic women. Tilvis RS, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):741–5

Postprandial lipemia. A key for the conversion of high density lipoprotein2 into high density lipoprotein3 by hepatic lipase. Patsch JR, et al. **J Clin Invest** 1984 Dec; 74(6):2017–23

Kinetics of methionine and choline and their incorporation into plasma lipids and milk components in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1984 Sep;67(9):1912–8

Influences of methionine hydroxy analog on milk and milk fat production, blood serum lipids, and plasma amino acids. Huber JT, et al. **J Dairy Sci** 1984 Nov;67(11):2525–31

Serum lipid and lipoprotein concentrations following exposure to ozone. Vaughan WJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4–5):165–73

Serum lipids in patients with leptospirosis [letter] Estavoyer JM, et al. **J Infect Dis** 1984 Dec;150(6):963–4

Plasma lipids and lipoproteins of a patient with cholesteryl ester storage disease. Kostner GM, et al. **J Inherited Metab Dis** 1985;8(1):9–12

Psychosocial and reproductive influences on plasma lipids, lipoproteins, and atherosclerosis in nonhuman primates. Clarkson TB, et al. **J Lipid Res** 1984 Dec 15;25(13):1629–34 (39 ref.)

Role of lipid transfers in the formation of a subpopulation of small high density lipoproteins. Hopkins GJ, et al. **J Lipid Res** 1985 Feb;26(2):218–29

Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man. Mattson FH, et al. **J Lipid Res** 1985 Feb;26(2):194–202

Serum lipids and lipoprotein composition in spontaneously diabetic BB Wistar rats. Patel ST, et al. **J Lipid Res** 1984 Oct;25(10):1072-83

Effects of beef, soy and conventional diets on body composition and plasma lipids of young pigs fed restricted or liberal amounts of diet. Diersen-Schade DA, et al. **J Nutr** 1985 Aug;115(8):1016-24

Dietary induction of hypercholesterolemia and atherosclerosis in Japanese quail of strain SEA. Radcliffe JD, et al. **J Nutr** 1985 Sep;115(9):1154-61

Nutritional significance of cyclodextrins: indigestibility and hypolipemic effect of alpha-cyclodextrin. Suzuki M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):209-23

The effect of indoramin on plasma lipids in hypercholesterolemic patas monkeys. Pierce V, et al. **J Pharm Pharmacol** 1985 Mar;37(3):200-2

Clinical observation on the effect of Radix rosae multiflorae in reducing blood lipids. Chen YC, et al. **J Tradit Chin Med** 1984 Dec;4(4):295-6

Relationship of changes in obesity to serum lipid and lipoprotein changes in childhood and adolescence. Freedman DS, et al. **JAMA** 1985 Jul 26;254(4):515-20

Differential effects of exercise on serum lipid and lipoprotein levels seen with changes in body weight. A meta-analysis. Tran ZV, et al. **JAMA** 1985 Aug 16;254(7):919-24

Cancer, vitamins, and plasma lipids: prospective Basel study. Stähelin HB, et al. **JNCI** 1984 Dec;73(6):1463-8

Effects of riboflavin-2', 3', 4', 5'-tetrabutyrate on platelet function and plasma lipids. Endo Y, et al. **Jpn J Med** 1985 Feb;24(1):13-8

Effects of fish oil rich in eicosapentaenoic acid on serum lipid in hyperlipidemic hemodialysis patients. Hamazaki T, et al. **Kidney Int** 1984 Jul;26(1):81-4

Carbohydrate and lipid abnormalities in infants of diabetic mothers. Raivio KO. **Klin Padiatr** 1985 Mar-Apr;197(2):159-60

Influence of smoking on cellular lipid metabolism. Seidel D, et al. **Klin Wochenschr** 1984;62 Suppl 2:28-31

Lipids and testosterone in coronary artery disease [letter] Small M, et al. **Lancet** 1985 Jul 6;2(8445):41

Serum lipids and fatty acids composition of tissues in rats on total parenteral nutrition (TPN). Martins FM, et al. **Lipids** 1984 Oct;19(10):728-37

The effect of low-dose piperazine oestrone sulphate and low-dose levonorgestrel on blood lipid levels in post-menopausal women. Wren B, et al. **Maturitas** 1985 Jul;7(2):141-6

The effect of physical activity on lipid and lipoprotein levels. Goldberg L, et al. **Med Clin North Am** 1985 Jan;69(1):41-55 (122 ref.)

The effects of a high-carbohydrate low-fat cholesterol-restricted diet on plasma lipid, lipoprotein, and apoprotein concentrations in insulin-dependent (type I) diabetes mellitus. Hollenbeck CB, et al. **Metabolism** 1985 Jun;34(6):559-66

The effects of caloric restriction or exercise cessation on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Oct;33(10):943-50

The effects of high-carbohydrate and high-fat diets on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Nov;33(11):1003-10

Severe depression of high-density lipoprotein cholesterol levels in weight lifters and body builders by self-administered exogenous testosterone and anabolic-androgenic steroids. Webb OL, et al. **Metabolism** 1984 Nov;33(11):971-5

Effect of diabetogenic action of streptozotocin on rat serum lipoproteins. Brunet C, et al. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):87-91

Reduction of plasma lipids, lipoproteins, and apoproteins by dietary fish oils in patients with hypertriglyceridemia. Phillipson BE, et al. **N Engl J Med** 1985 May 9;312(19):1210-6

Correlation of serum lipid levels with cardiac and cerebrovascular disease in the aged. Rodstein M, et al. **NY State J Med** 1984 Aug;84(8):387-9

Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. Barnes RB, et al. **Obstet Gynecol** 1985 Aug;66(2):216-9

Effect of pre-anesthetic medications on serum lipid levels. Sane AS, et al. **Panminerva Med** 1985 Jan-Mar;27(1):45-7

Studies of lipids, lipoproteins, and apolipoproteins in Menkes' disease. Blackett PR, et al. **Pediatr Res** 1984 Sep;18(9):864-70

Fatty acid abnormalities in cystic fibrosis. Farrell PM, et al. **Pediatr Res** 1985 Jan;19(1):104-9

Lipid clearing in premature infants during continuous heparin infusion: role of circulating lipases. Zaidan H, et al. **Pediatr Res** 1985 Jan;19(1):23-5

Regression of atherosclerotic lesions and control of plasma lipids and lipoprotein cholesterol by Anna Pavala Sindhooram therapy. Dhandapani K, et al. **Pharmacol Res Commun** 1984 Aug;16(8):737-54

Long-term effects of fenofibrate on serum lipids and on lipoprotein cholesterol in type II hyperlipoproteinemic patients. Sommariva D, et al. **Pharmacol Res Commun** 1984 Aug;16(8):809-20

Effect of nicotinic acid associated with retinol and tocopherols on plasma lipids in hyperlipoproteinaemic patients. Odetti P, et al. **Pharmatherapeutica** 1984;4(1):21-4

Blood lipid variability in relation to relative weight and biochemical markers of tobacco and alcohol consumption. Janzon L, et al. **Postgrad Med J** 1985 Jun;61(716):505-8

Effect of obesity per se on plasma lipid and aortic responses to diet in swine. Pond WG, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):90-5

Lipid transport systems: some recent aspects in swine, cattle and trout during development. Chapman MJ, et al. **Reprod Nutr Dev** 1985;25(1B):217-26 (25 ref.)

Plasma lipids and apolipoproteins A and B in human pregnancy. Pocoví M, et al. **Rev Esp Fisiol** 1984 Jun;40(2):183-9

Serum lipids and lipoproteins in patients with primary gout. Ulreich A, et al. **Rheumatol Int** 1985;5(2):73-7

Lipid and lipoprotein abnormalities in Chinese subjects with ischemic cerebrovascular disease. Ding YA, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1076-86

Does plasma lipid change during therapy with calcium antagonists? Hsu TS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Sep;83(9):905-11

Heterogeneity of human factor VIII/vWF in lipaemic plasma. Vukovich T, et al. **Thromb Res** 1985 May 1;38(3):215-24

Serum lipids and postheparin plasma lipase activity in Japanese children with ketosis-prone diabetes mellitus. Asayama K, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:627-30

Comparative plasma lipid response of pullets and laying hens to estradiol and progesterone. Hagan RC, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):483-9

Effect of ozone on serum lipids and lipoproteins in the rat. Mole ML Jr, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):367-76

Lipid bound sialic acid in cancer patients. Salvagno L, et al. **Tumori** 1985 Apr 30;71(2):127-33

[Dynamics of blood glucose, serum insulin and lipids during the oral glucose tolerance test in hyperthyroidism] Khlebarova M, et al. **Vutr Boles** 1985;24(3):98-104 (Eng. Abstr.) **(Bul)**

[Experimental study on the effect of dried and prepared notoginseng on serum lipids] Chen GZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):540-2, 515 (Eng. Abstr.) **(Chi)**

[A preliminary study on the relationship between phlegm-stagnant type coronary disease and serum lipid level] Xu JM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):265-7 (Eng. Abstr.) **(Chi)**

[Changes in serum lipid and lipoprotein levels in the toxemia of pregnancy] Peng HQ. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):129-31, 189 (Eng. Abstr.) **(Chi)**

[Serum lipid changes as a risk factor for coronary heart disease in diabetics--a preliminary study] Cheng H. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):426-9, 462 (Eng. Abstr.) **(Chi)**

[The effect of short-term exhausting physical stress on the lipoprotein spectrum and on additional lipid parameters in sera] Brodán V, et al. **Cas Lek Cesk** 1985 Mar 29;124(13):390-4 (Eng. Abstr.) **(Cze)**

[The effect of fish oils on plasma lipid levels in hyperlipidemics] Skořepa J, et al. **Cas Lek Cesk** 1985 Aug 2;124(31):970-3 (Eng. Abstr.) **(Cze)**

[Use of lipid and lipoprotein fractions for estimation of risk of atherosclerosis] Synková J, et al. **Cas Lek Cesk** 1985 Apr 12;124(15):464-7 (Eng. Abstr.) **(Cze)**

[The effect of a diet enriched with marine and freshwater fish on the levels of plasma lipids after 3 months of administration] Chochola M, et al. **Sb Lek** 1985 Jan;87(1):23-8 (Eng. Abstr.) **(Cze)**

[Significance of fat globulinemia in the pathogenesis, onset and development of traumatic fat embolisms] Kroupa J. **Sb Lek** 1984 Jun;86(5-6):151-62 (Eng. Abstr.) **(Cze)**

[Index of atherogenicity in forestry workers. Comparison of samples of the Czech and Vietnam populations] Brücknerová O, et al. **Vnitr Lek** 1984 Sep;30(9):862-70 (Eng. Abstr.) **(Cze)**

[Levels of blood apolipoproteins A-I and B in persons with normal blood lipids and persons with hyperlipidemia and proven atherosclerosis] Choluj B, et al. **Vnitr Lek** 1985 May;31(5):464-8 (Eng. Abstr.) **(Cze)**

[Changes in plasma lipids and lipoproteins in patients receiving long-term antihypertensive treatment] Jürgensen HJ, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):596-9 (Eng. Abstr.) **(Dan)**

[Synthesis and metabolic effects of various phenylthio-2 pyridinesulfonamides-5] Delarge J, et al. **Acta Pol Pharm** 1984;41(1):15-9 (Eng. Abstr.) **(Fre)**

[Effect of exclusive enteral feeding with Enteronutril on serum lipids] Chardon P, et al. **Ann Fr Anesth Reanim** 1985;4(4):333-8 (Eng. Abstr.) **(Fre)**

[Normolipemic plane xanthomas and IgGk myeloma with anti-lipoprotein activity. Apropos of a case. Review of the literature] Doutre MS, et al. **Dermatologica** 1985;170(4):157-64 (Eng. Abstr.) **(Fre)**

[Effect of metabolic control on plasma lipids and lipoproteins in insulin-dependent diabetes in children and adolescents] Jos J, et al. **Diabete Metab** 1985 Jun;11(3):174-80 (Eng. Abstr.) **(Fre)**

[Correlation between various lipid and apolipoprotein parameters and clinical severity in arteriopathy of the lower limbs] Schatz C, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):15-9 (Eng. Abstr.) **(Fre)**

[Comparative study of the effects of prazosin and atenolol on plasma lipids of hypertensive patients] Rouffy J, et al. **Rev Med Interne** 1985 Jan;6(1):77-81 (Eng. Abstr.) **(Fre)**

[Effect of the PSMF diet on plasma lipids and lipoproteins in obese subjects] Petrillo A, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1837-41 (Eng. Abstr.) **(Fre)**

[Dietary lipids and serum lipids in adolescents, based on the Geneva study of the precursors of atherosclerosis] Raymond L, et al. **Soz Praventivmed** 1984;29(4-5):218-9 (Eng. Abstr.) **(Fre)**

[Normal lipid values and their distribution among the population in Tunis] Mebazaa A, et al. **Tunis Med** 1983 Jul-Aug;61(4):271-5 (Eng. Abstr.) **(Fre)**

[Clofibrate and phosphate metabolism] Michailov ML. **Cor Vasa** 1984;26(4):309-16 (Eng. Abstr.) **(Ger)**

[Lipid values and immune parameters in the course of viral hepatitis in patients with alcohol abuse and without alcohol stress in anamnesis] Boroń P, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(6):270-7 (Eng. Abstr.) **(Ger)**

[Effect of acarbose on carbohydrate and lipid metabolism in type II diabetes with secondary failure] Heuer LJ, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(2):52-8 (Eng. Abstr.) **(Ger)**

[Relations between parameters of lipid metabolism and hemostasis in vascular diseases] Frick G, et al. **Folia Haematol (Leipz)** 1984;111(4):511-8 (Eng. Abstr.) **(Ger)**

[Lipid and lipoprotein studies in nephrotic syndrome cases in childhood] László A, et al. **Kinderarztl Prax** 1985 Apr;53(4):199-203 (Eng. Abstr.) **(Ger)**

[Blood sugar and lipid metabolism parameters in diabetic retinopathy] Schmut O, et al. **Klin Monatsbl Augenheilkd** 1985 May;186(5):347-50 (Eng. Abstr.) **(Ger)**

[Modification of serum lipids, lipoproteins and apoproteins AI and B in patients with hyperlipidemia Type IIa and IIb using polyenylphosphatidylcholine] Noseda G, et al. **Schweiz Med Wochenschr** 1985 Jul 27;115(30):1064-70 (Eng. Abstr.) **(Ger)**

[Carbohydrate and lipid metabolism in normal subjects and patients with peripheral arterial occlusive diseases. Effect of stamina training] Diehm C. **Vasa** 1984;Suppl 13:1-61 **(Ger)**

[Effect of pregnancy on maternal carbohydrate and lipid metabolism. II: Changes in lipid and carbohydrate metabolism as well as hormonal changes following intravenous glucose administration] Feige A, et al. **Z Geburtshife Perinatol** 1984 Jul-Aug;188(4):167-73 (Eng. Abstr.) **(Ger)**

[Fiber-rich snacks with reference to their effect on the digestive activity and blood lipids of the elderly] Wirths W, et al. **Z Gerontol** 1985 Mar-Apr;18(2):107-10 (Eng. Abstr.) **(Ger)**

[Ambulatory weight reduction program and possible effects on lipid and purine metabolism] Hugk D, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):126-9 (Eng. Abstr.) **(Ger)**

[Long-term oil therapy and lipid metabolism in peripheral arterial obstructive disease] Reuter W, et al. **Z Gesamte Inn Med** 1985 Jun 1;40(11):348-50 **(Ger)**

[Circadian rhythm of parameters of lipid metabolism] Klein C, et al. **Z Med Lab Diagn** 1985;26(4):188-95 (Eng. Abstr.) **(Ger)**

[Effect of hormonally-induced prolongation of pregnancy in rabbits on maternal and fetal serum lipids] Ockert C, et al. **Zentralbl Gynakol** 1985;107(12):744-51 (Eng. Abstr.) **(Ger)**

[Pregnancy and serum lipids--possible relations to cholelithiasis] Sobotka J, et al. **Zentralbl Gynakol** 1985;107(1):22-30 (Eng. Abstr.) **(Ger)**

[Effect of triphasic estrogen-gestagen on lipid, glucose and bone mineral metabolism in postmenopausal women] Blum M, et al. **Harefuah** 1984 Jun 1;106(11):498-9 (Eng. Abstr.) **(Heb)**

[Effects of vitamin A (retinol), Tioadenolo and a standard diet on the plasma lipid pattern in the rat on an atherogenic diet] Carbini L, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1527-33 (Eng. Abstr.) **(Ita)**

[Blood lipid patterns in ischemic heart disease and cerebrovascular diseases] Gaglio M, et al. **Boll Soc Ital Cardiol** 1984 Mar-Apr;29(3-4):203-10 (Eng. Abstr.) **(Ita)**

[Blood lipid pattern in ischemic cardiopathy and cerebrovascular disorders] Gaglio M, et al. **Cardiologia** 1984 Mar-Apr;29(3-4):203-10 (Eng. Abstr.) **(Ita)**

[Is treatment of metabolic factors a valid method in the control of arteriosclerosis and coronary disease?] Avogaro P. **Clin Ter** 1984 Oct 15;111(1):15-9 (Eng. Abstr.) **(Ita)**

[Behavior of several hormonal and nonhormonal parameters in obesity. 3. Lipid pattern and obesity] Paggi A, et al. **Clin Ter** 1985 May 15;113(3):215-20 (Eng. Abstr.) **(Ita)**

[Effects of D(+)-bis-(N-pantothenyl-amidoethyl)-disulphur on the blood lipid profile and apoproteins A and B levels] Vignola D, et al. **Clin Ter** 1985 Jun 30;113(6):479-83 (Eng. Abstr.) **(Ita)**

[Changes in plasma lipids induced by long-term treatment with atenolol in patients with hypertension] Aresu G, et al. **Minerva Cardioangiol** 1984 Jul-Aug;32(7-8):451-6 (Eng. Abstr.) **(Ita)**

[Effects of long-term treatment with L-carnitine on dyslipemia in hemodialysis patients] Dionisio P, et al. **Minerva Med** 1985 Feb 18;76(6):229-34 (Eng. Abstr.) **(Ita)**

[Arteriosclerosis, lipid pattern and physical activity. Effect of functional rehabilitation on blood lipid values in a group of patients with neuromotor lesions] Storaci R, et al. **Minerva Med** 1985 Jun 8;76(24):1137-41 (Eng. Abstr.) **(Ita)**

[Evaluation of hematologic indices of lipid metabolism in children in stages II and III of childhood and their correlation with family history] Crua G, et al. **Minerva Pediatr** 1984 Nov 30;36(22):1103-13 (Eng. Abstr.) **(Ita)**

[Clinical experience with oxendolone for treatment of benign prostatic hyperplasia. Clinical efficacy and effects on serum lipid and lipoprotein fraction levels] Yasukawa A, et al. **Hinyokika Kiyo** 1984 Apr;30(4):537-43 (Eng. Abstr.) **(Jpn)**

[The serum lipid changes in the aged subjects by ursodeoxycholic acid administration] Nakazawa Y, et al. **Nippon Ronen Igakkai Zasshi** 1985 Mar;22(2):160-6 (Eng. Abstr.) **(Jpn)**

[Plasma lipids and plasma lipoproteins] Henriksen T. **Tidsskr Nor Laegeforen** 1985 Mar 20;105(8):585-9 (13 ref.) (Eng. Abstr.) **(Nor)**

[Disorders of lipid metabolism in headaches of various etiologies] Maciejek Z, et al. **Neurol Neurochir Pol** 1984 Nov-Dec;18(6):535-40 (Eng. Abstr.) **(Pol)**

[Effect of hypotensive drugs on blood lipids] Młyński J, et al. **Pol Arch Med Wewn** 1984 Oct;72(4):199-204 (34 ref.) **(Pol)**

[Selection of therapeutic procedures after myocardial infarction based on fibrinolytic activity, blood platelet function and lipid and carbohydrate metabolism] Zawilska K, et al. **Pol Arch Med Wewn** 1984 Dec;72(6):305-11 (Eng. Abstr.) **(Pol)**

[Effect of oral sodium chloride load on plasma concentrations of cholesterol and its fractions and triglycerides in patients with primary hypertension] Manitius J, et al. **Pol Tyg Lek** 1984 Oct 29;39(44):1447-9 (Eng. Abstr.) **(Pol)**

[Effect of submaximal physical exertion on serum lipid levels and the blood coagulation and fibrinolysis systems in patients with arteriosclerosis] Markiewicz K, et al. **Pol Tyg Lek** 1984 Jun 12-25;39(25-26):857-61 (Eng. Abstr.) **(Pol)**

[Effect of various hypotensive drugs on blood lipids in patients with primary arterial hypertension] Przybył L, et al. **Pol Tyg Lek** 1985 Apr 29;40(17):497-501 (46 ref.) (Eng. Abstr.) **(Pol)**

[Various plasma components and whole blood viscosity in workers exposed to combined effects of the work environment (mainly mechanical vibration and noise)] Turczyński B, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1281-3 (Eng. Abstr.) **(Pol)**

[Effect of hyperbaric oxygenation on the indicators of lipid metabolism in pregnant women with late toxicosis] Tereshin PI, et al. **Akush Ginekol (Mosk)** 1985 May;(5):34-5 (Eng. Abstr.) **(Rus)**

[The role of plasma lipid photooxidation in reducing thrombocyte aggregation under UV irradiation] Anosov AK, et al. **Dokl Akad Nauk SSSR** 1983;272(2):493-5 **(Rus)**

[Relations between changes in lipid metabolism and the degree of exposure to neuro-emotional factors] Melkumian AN, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):23-6 (Eng. Abstr.) **(Rus)**

[Lipids and apoproteins in the blood plasma of children with a hereditary disposition to ischemic heart disease] Alngorn ED, et al. **Kardiologiia** 1985 May;25(5):76-81 (Eng. Abstr.) **(Rus)**

[Lipid content of the blood plasma and thrombocyte aggregation in myocardial infarct patients] Botolova EN, et al. **Kardiologiia** 1985 May;25(5):100-1 **(Rus)**

[Correlation between serum lipid level and coronary bed lesions in patients with ischemic heart disease] Buslenko NS, et al. **Kardiologiia** 1984 Nov;24(11):28-32 (Eng. Abstr.) **(Rus)**

[Early detection of the relationship between the serum lipid spectrum and the hypertensive response of blood pressure to physical exertion in healthy young persons] Evdokimova EV, et al. **Kardiologiia** 1984 Nov;24(11):47-9 (Eng. Abstr.) **(Rus)**

[Lipids and apoproteins A1 and B in patients with ischemic heart disease with stenosing atherosclerosis of the coronary arteries and the abdominal aorta] Kurdanov KhA, et al. **Kardiologiia** 1984 Oct;24(10):84-7 (Eng. Abstr.) **(Rus)**

[Effect of obzidan and pratsiol therapy on the blood plasma lipid profile and on the high- and low-density lipoprotein apoproteins in hypertension patients] Oganov RG, et al. **Kardiologiia** 1985 Apr;25(4):44-8 (Eng. Abstr.) **(Rus)**

[Various characteristics of lipid metabolism disorders in obesity] Kalmykov ZA. **Klin Med (Mosk)** 1984 Aug; 62(8):107-9 (Eng. Abstr.) **(Rus)**

[Effect of long-term hypokinesia on the serum lipid spectrum] Medkova IL, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):42-5 (Eng. Abstr.) **(Rus)**

[Carbohydrates and lipids in the blood serum and liver of rats during recovery from 15-hour hypokinesia] Potapov PP, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):87-8 **(Rus)**

[Circadian rhythms of blood lipids in ischemic heart disease] Aslanian NL, et al. **Lab Delo** 1984;(7):387-9 (Eng. Abstr.) **(Rus)**

[Combined development of blood lipid fractions on Silufol plates] Keda BI, et al. **Lab Delo** 1984;(8):478-81 (Eng. Abstr.) **(Rus)**

[Method of quantitative determination of lipids in peripheral blood lymphocytes and neutrophils] Zhukhorov LS, et al. **Lab Delo** 1984;(11):683-5 **(Rus)**

[State of lipid and purine metabolism in children with a family history of ischemic heart disease] Makarova VIu. **Pediatriia** 1984 Nov;(11):8-10 (Eng Abstr.) **(Rus)**

[Biochemical factors involved in atherogenesis in pulmonary tuberculosis] Kamyshnikova VS, et al. **Probl Tuberk** 1984 Nov;(11):48-52 (Eng. Abstr.) **(Rus)**

[Mean values and distribution of the blood lipid level in men and women aged 20 to 69 (an epidemiological study)] Konstantinova OS, et al. **Ter Arkh** 1985;57(1):25-8 (Eng. Abstr.) **(Rus)**

[Main aspects of studying lipid metabolism in clinical nephrology] Pyrig LA, et al. **Ter Arkh** 1984;56(7):28-31 (Eng. Abstr.) **(Rus)**

[Dynamics of lipid metabolism in the combined treatment of alimentary obesity] Shevelev GI, et al. **Ter Arkh** 1984; 56(9):114-6 (Eng. Abstr.) **(Rus)**

[Effect of hemosorption on the state of lipid metabolism in patients with psoriasis] Lur'e VL, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):50-3 (Eng. Abstr.) **(Rus)**

[Changes in lipid metabolism and physical work capacity in students with different motor activities] Il'inykh AI. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):62-3 **(Rus)**

[The levels of high density lipoprotein cholesterol and other lipids in the native population of the mountain region of Kirghizia] Aitbaev KA. **Vopr Med Khim** 1985 Jan-Feb; 31(1):58-61 (Eng. Abstr.) **(Rus)**

[Clinical role of lipid metabolism indices in the plasma and erythrocytes in progressive muscular dystrophies] Badalian LO, et al. **Vopr Med Khim** 1985 May-Jun;31(3):81-5 (Eng. Abstr.) **(Rus)**

[Physiologico-biochemical correlates of the behavioral reactions in cats under states of emotional stress] Khomulo PS, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):53-5 (Eng. Abstr.) **(Rus)**

[Effect of alpha-tocopherol and hyperbaric oxygenation on lipid fatty-acid composition of the plasma in hypercholesteremic rabbits] Kosukhin AB. **Vopr Med Khim** 1984 Jul-Aug;30(4):36-9 (Eng. Abstr.) **(Rus)**

[Effect of arginine on the lipid and lipoprotein content of animal blood] Ryzhenkov VE, et al. **Vopr Med Khim** 1984; 30(6):76-9 (Eng. Abstr.) **(Rus)**

[Relation of blood lipids and insulin to body fat content, body surface area and state of the subcutaneous fatty tissue in patients with breast and lung cancer] Bershtein LM, et al. **Vopr Onkol** 1985;31(1):44-51 (Eng. Abstr.) **(Rus)**

[Effect of diet therapy on indicators of lipid metabolism in obese children] Kniazev IuA, et al. **Vopr Pitan** 1985 Mar-Apr;(2):23-6 (Eng. Abstr.) **(Rus)**

[Characteristics of lipid metabolic indices of food industry workers] Kuchinskene Z, et al. **Vopr Pitan** 1985 Jan-Feb; (1):30-4 (Eng. Abstr.) **(Rus)**

[Effect of diets of different isomer composition of fatty acids on the blood vessel wall, blood lipids and platelet aggregation] Pozdniakov AL, et al. **Vopr Pitan** 1984 Nov-Dec;(6):56-61 (Eng. Abstr.) **(Rus)**

[The blood lipid spectrum and blood coagulation in patients with stenocardia] Kotsiumbas EM, et al. **Vrach Delo** 1985 May;(5):62-5 (Eng. Abstr.) **(Rus)**

[Serum lipids and lipoproteins in patients with hypertension and chronic glomerulonephritis] Kovsh OIa, et al. **Vrach Delo** 1985 Feb;(2):61-5 (Eng. Abstr.) **(Rus)**

[Lipid spectrum of blood in patients with atherosclerotic lesions of the abdominal aorta and arteries of the lower limbs] Satmari VV, et al. **Vrach Delo** 1985 Jan;(1):86-8 (Eng. Abstr.) **(Rus)**

[Indicators of lipid metabolism in patients with podagra] Siniachenko OV, et al. **Vrach Delo** 1985 Mar;(3):55-7 (Eng. Abstr.) **(Rus)**

[The blood lipogram in neurocirculatory asthenia of the cardiac type] Volkov VS, et al. **Vrach Delo** 1985 Apr; (4):31-4 (Eng. Abstr.) **(Rus)**

[Changes in lipid metabolism in patients with dyscirculatory encephalopathy] Fedin AI, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):39-44 (Eng. Abstr.) **(Rus)**

[Serum phospholipids and lipoprotein fractions in dogs during starvation and dietary lipemia] Corvić M, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):889-96 (Eng. Abstr.) **(Scc)**

[Disorders of lipid metabolism in children with chronic kidney insufficiency] Peco-Antić A, et al. **Srp Arh Celok Lek** 1984 Jul-Aug;112(7-8):747-60 (Eng. Abstr.) **(Scc)**

[Lipids in children with diabetes mellitus] Radivojević N, et al. **Srp Arh Celok Lek** 1984 Jan;112(1):63-71 (Eng. Abstr.) **(Scc)**

[The effect of long-term plasmapheresis on the composition of blood. III. Changes in the concentration of total, direct and indirect bilirubin, alkaline phosphatase, serum transaminases (SGOT, SGPT). total lipids, triglycerides and cholesterol] Grgičević D. **Bilt Hematol Transfuz** 1983; 11(2-3):39-50 (Eng. Abstr.) **(Scr)**

[Serum lipids and ischemic cerebrovascular disorders] Jovičić A, et al. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):251-7 **(Scr)**

[The composition of fatty acids and lipids in the blood of healthy people of various ages] Bohov P, et al. **Bratisl Lek Listy** 1985 Jul;84(1):60-8 (Eng. Abstr.) **(Slo)**

[Levels of blood lipids and blood pressure in children in families with a history of cardiovascular disease. II] Pohánka P, et al. **Cesk Pediatr** 1985 Apr;40(4):197-200 (Eng. Abstr.) **(Slo)**

[Levels of serum lipids and blood pressure in children of families with a history of cardiovascular disease. I. Reference values] Pohánka P, et al. **Cesk Pediatr** 1984 Nov; 39(11):652-5 (Eng. Abstr.) **(Slo)**

[Blood lipids and type of behavior in patients at risk of ischemic heart disease] Strec V, et al. **Vnitr Lek** 1985 Jan; 31(1):66-73 (Eng. Abstr.) **(Slo)**

[Relation of apolipoproteins, lipoproteins and lipids in a fat loading test] Turay J, et al. **Vnitr Lek** 1985 Jun;31(6):534-41 (Eng. Abstr.) **(Slo)**

[Lipid profile in low birth weight neonates, small for gestational age] Pita M, et al. **An Esp Pediatr** 1984 Sep 15;21(3):215-21 (Eng. Abstr.) **(Spa)**

[Plasma lipids and atheromatous plaque] Schüller Pérez A. **An R Acad Nac Med (Madr)** 1985;102(1):53-66 **(Spa)**

[Electrocardiographic features in pregnancy at term and postpartum. Correlation with serum lipids] Domínguez de Costa C, et al. **Ginecol Obstet Mex** 1983 Mar;51(311):73-8 (Eng. Abstr.) **(Spa)**

[Determination of total lipids in serum: an obsolete test (editorial)] **Med Clin (Barc)** 1985 Apr 6;84(13):528-9 **(Spa)**

[Diets with a high carbohydrate content and fiber supplements in diabetes mellitus (II). Effect on lipid metabolism] Calle Pascual AL, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):321-5 (Eng. Abstr.) **(Spa)**

[Role of lipid changes as a risk factor in cerebrovascular ischemic accidents (letter)] Lapetra-Peralta J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):672-3 **(Spa)**

[Effect of glucagon on plasma lipids in normal and hyperlipemic subjects] Jover E, et al. **Rev Clin Esp** 1985 Apr;176(6):281-5 (Eng. Abstr.) **(Spa)**

[Comparative study of the lipid profile in the Panamanian male population] Ferguson E, et al. **Rev Med Panama** 1985 May;10(2):123-31 (Eng. Abstr.) **(Spa)**

GENETICS

A novel type of Chinese hamster ovary cell mutant defective in oligosaccharide-lipid synthesis. Nakano A, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):507-10

[Lipid metabolism in relatives of diabetics] Funiak S. **Vnitr Lek** 1985 May;31(5):469-73 (Eng. Abstr.) **(Slo)**

IMMUNOLOGY

Lipid and lipopolysaccharide-like antigens of Leishmania promastigotes. Slutzky GM, et al. **J Protozool** 1985 May; 32(2):347-52

ISOLATION & PURIFICATION

Separation and quantitation of molecular species from plant lipids by high-performance liquid chromatography. Kesselmeier J, et al. **Anal Biochem** 1985 Feb 1; 144(2):319-28

Separation of some neutral lipids by normal-phase high-performance liquid chromatography on a cyanopropyl column: ubiquinone, dolichol, and cholesterol levels in sheep liver. Palmer DN, et al. **Anal Biochem** 1984 Aug 1;140(2):315-9

Removal of large lipid droplets from cytochalasin B-treated chondrocytes by high speed centrifugation. Moskalewski S. **Cell Biol Int Rep** 1985 Jul;9(7):613-8

Extraction of lipids from human whole serum and lipoproteins and from rat liver tissue with methylene chloride-methanol: a comparison with extraction with chloroform-methanol. Carlson LA. **Clin Chim Acta** 1985 Jun 30;149(1):89-93

Fecal lipid chromatography--identification of an unusual fraction in relation to colon cancer. Peuchant E, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):151-68

Schistosoma haematobium: neutral lipid composition and release by adults maintained in vitro. Haseeb MA, et al. **Comp Biochem Physiol [B]** 1985;81(1):43-5

A new procedure for the isolation of the brain myelin basic protein in a lipid-bound form. Riccio P, et al. **FEBS Lett** 1984 Nov 19;177(2):236-40

Pre-packed reverse phase columns for isolation of complex lipids synthesized from radioactive precursors. Figlewicz DA, et al. **J Lipid Res** 1985 Jan;26(1):140-4

Separation of neutral lipids and free fatty acids by high-performance liquid chromatography using low wavelength ultraviolet detection. Hamilton JG, et al. **J Lipid Res** 1984 Oct;25(10):1142-8

Rapid separation of lipid classes in high yield and purity using bonded phase columns. Kaluzny MA, et al. **J Lipid Res** 1985 Jan;26(1):135-40

Separation of polar from non-polar lipids [letter] Bitman J. **Lipids** 1985 Jun;20(6):397

A mild, rapid, and efficient method of lipid extraction for use in determining vitamin E/lipid ratios. Burton GW, et al. **Lipids** 1985 Jan;20(1):29-39

Lipid composition of different areas of murine brain: effects of lipid extraction procedures. Katyal SL, et al. **Lipids** 1985 Mar;20(3):201-3

Differentiation of mycobacterial species by investigation of petroleum ether-soluble sulfolipids using thin-layer chromatography after incubation with [35S]sulfate. Tsukamura M, et al. **Microbiol Immunol** 1984;28(9):965-74

[Conditions for lipid extraction and their quantitative determination in meat products] Miteva E. **Vet Med Nauki** 1984;21(7-8):94-9 (Eng. Abstr.) **(Bul)**

[Effect of the chromatographic purification method on the isolation of prostaglandins E and F from a natural lipid mixture and their stability] Bragintseva LM, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):51-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Biosynthesis and regulation of iodolipids in calf thyroid. Chazenbalk GD, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):72-8

Effect of a low-protein diet on the serum and liver lipid content of rats. Ristić V, et al. **Acta Med Iugosl** 1985;39(2):117-23

Demential syndromes and the lipid metabolism. Clausen J. **Acta Neurol Scand** 1984 Nov;70(5):345-55

The morphology of lipopigment granules in oligodendrocytes of the cerebellum and spinal cord and in Schwann cells of the N. ischiadicus of the cat, Japanese waltzing mouse, and albino mouse. Lange W, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):330-4

Tangier disease. A case with sensorimotor distal polyneuropathy and lipid accumulation in striated muscle and vasa nervorum. Marbini A, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):121-7

Blood levels of total carnitine and lipid utilization with and without carnitine supplementation in newborn infants. Rubecz I, et al. **Acta Paediatr Hung** 1984;25(1-2):165-71

The effect of exercise and fasting on the myocardial protein and lipid metabolism in experimental bacterial myocarditis. Ilbäck NG, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul;92(4):195-204

Effects of prolactin and experimental handling on liver, fat body and ovary lipid contents and their daily variations in Rana esculenta (L.). Sotowska-Brochocka J, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):1-13

Effects of prolonged food restriction on some aspects of lipid metabolism in Norwegian and Svalbard reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 Jun;124(2):173-80

Seasonal changes in lipogenesis and lipolysis in isolated adipocytes from Svalbard and Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 Jan;123(1):97-104

Vitamin E deficiency and the susceptibility to lipid peroxidation of mouse cardiac and skeletal muscles. Salminen A, et al. **Acta Physiol Scand** 1984 Dec;122(4):565-70

Effect of periparturient lipid mobilization on serum total carotene and vitamin A concentrations in cattle. Haraszti J, et al. **Acta Vet Hung** 1984;32(3-4):193-203

Drugs affecting lipid metabolism VIII. Proceedings of the Eighth International Symposium on Drugs Affecting Lipid Metabolism, July 27-30, 1983, Philadelphia, Pennsylvania. **Adv Exp Med Biol** 1985;183:1-502

Dietary factors affecting lipoprotein metabolism. Nestel PJ. **Adv Exp Med Biol** 1985;183:253-63

Gastrointestinal digestion and absorption of lipid. Tso P. **Adv Lipid Res** 1985;21:143-86 (275 ref.)

Aspirin and dipyridamole reduce lipid accumulation in vein bypass grafts: combination versus single drug therapy. Boerboom LE, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:315-7

Macrophages, oxidised lipids and atherosclerosis. Mitchinson MJ, et al. **Agents Actions [Suppl]** 1984;16:171-4

Aspirin or dipyridamole individually prevent lipid accumulation in primate vein bypass grafts. Boerboom LE, et al. **Am J Cardiol** 1985 Feb 15;55(5):556-9

Trans fatty acids in human milk lipids: influence of maternal diet and weight loss. Chappell JE, et al. **Am J Clin Nutr** 1985 Jul;42(1):49-56

Effects of weight reduction after gastroplasty on glucose and lipid metabolism. Olsson SA, et al. **Am J Clin Nutr** 1984 Dec;40(6):1273-80

Histochemical characteristics of fat-storing cells in alcoholic liver disease: a study by the gold chloride method using needle biopsy specimens of the liver. Tozuka S, et al. **Am J Clin Pathol** 1985 Jan;83(1):47-52

Concomitant insulin and sulfonylurea therapy in patients with type II diabetes. Effects on glucoregulation and lipid metabolism. Osei K, et al. **Am J Med** 1984 Dec;77(6):1002-9

Hypercholesterolemia associated with alpha-1 antitrypsin deficiency and hepatitis: lipoprotein and apoprotein determinations, sterol balance and treatment. Diliberti JH, et al. **Am J Med Sci** 1984 Sep;288(2):81-5

Human aortic fibrolipid lesions. Progenitor lesions for fibrous plaques, exhibiting early formation of the cholesterol-rich core. Bocan TM, et al. **Am J Pathol** 1985 Aug;120(2):193-206

Incorporation of glucose carbons into rat lung lipids after exposure to 0.6 ppm ozone. Bassett DJ, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E553-9

Recovery of lipid mass after removal of adipose tissue in ground squirrels. Dark J, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R73-8

Sleep changes in long-term fasting geese in relation to lipid and protein metabolism. Dewasmes G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R663-71

Inhibition of myocardial rotenone-insensitive NADH cytochrome c reductase by amphiphilic compounds. Kennett FF, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):H889-94

Brown adipose tissue lipectomy leads to increased fat deposition in Osborne-Mendel rats. Moore BJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R231-5

Intestinal membrane lipid composition and fluidity during development in the rat. Schwarz SM, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G200-7

The lipid-laden alveolar macrophage as a marker of aspiration in parenchymal lung disease. Corwin RW, et al. **Am Rev Respir Dis** 1985 Sep;132(3):576-81

Observations on the ubiquity of the Mycobacterium tuberculosis sulfatides in mycobacteria. Dhariwal KR, et al. **Am Rev Respir Dis** 1984 Oct;130(4):641-6

Freeze-replica study of lipid droplets in the Ito cells of rat liver. Yamamoto K, et al. **Anat Rec** 1984 Nov;210(3):415-20

Further studies on testicular lipids and glycogen in human patients with unilateral varicocele. Sultan Sheriff D. **Andrologia** 1984 Sep-Oct;16(5):442-5

Changes in gonadotrophin, lipid and cholesterol levels during annual reproductive cycle in the freshwater teleost, Cirrhinus mrigala (Ham.). Singh IJ, et al. **Ann Endocrinol (Paris)** 1984;45(2):131-6

Fat and energy content of breast milk of malnourished and well nourished women, Brazil 1982. Marin Spring PC, et al. **Ann Trop Paediatr** 1985 Jun;5(2):83-7

Secretion of a nonspecific lipid transfer protein by hepatoma cells in culture. Crain RC, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):290-7

Determination of anesthetic molecule environments by infrared spectroscopy. II. Multiple sites for nitrous oxide in proteins, lipids, and brain tissue. Hazzard JH, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):747-56

The effect of hypolipidemic drugs on plant lipid metabolism. Sánchez J, et al. **Arch Biochem Biophys** 1984 Oct;234(1):45-54

Cytotoxicity of intratracheally administered coal fly ash: studies on lipids in the lung of rats. Srivastava PK, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):95-103

Cytotoxicity of intratracheally administered coal fly ash: studies on liver and plasma lipids in rats. Srivastava PK, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):105-10

The response of some intravascular and intracellular lipid parameters of the rat after treatment with isatin. Sittner WD, et al. **Arch Int Pharmacodyn Ther** 1985 Feb;273(2):299-305

Antihypertensive therapy and lipids. Evidence, mechanisms, and implications. Weinberger MH. **Arch Intern Med** 1985 Jun;145(6):1102-5

An autoradiographic study of the in-vivo incorporation of [3H]-palmitic acid into the dentine and enamel lipids of rat incisors, with a comparison of rapid-freezing freeze-substitution fixation and aldehyde fixation. Goldberg M, et al. **Arch Oral Biol** 1984;29(9):691-5

Hepatic lipogranulomatosis simulating veno-occlusive disease of the liver. Keen ME, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):70-2

Metabolic and respiratory effects of continuous and discontinuous lipid infusions. Occurrence in excess of resting energy expenditure. Abbott WC, et al. **Arch Surg** 1984 Dec;119(12):1367-71

Effect of clinofibrate on lipid metabolism of aorta in atherosclerotic rats. Shirai K, et al. **Artery** 1983;12(3):145-55

Pharmacological studies of mabuterol, a new selective beta 2-stimulant. III: Effects on the central nervous system, striated muscle and carbohydrate and lipid metabolism. Osada E, et al. **Arzneimittelforsch** 1984;34(11A):1652-8

Metabolic effects of various beta-adrenoceptor blocking agents in rats and dogs. Traunecker W. **Arzneimittelforsch** 1985;35(1A):376-82

The biochemical composition of haemodynamically stressed vascular tissue. Part 1. The lipid, calcium and DNA concentrations in experimental arteriovenous fistulae. Davis PF, et al. **Atherosclerosis** 1985 Jul;56(1):27-37

Tetanus toxin induces fusion and aggregation of lipid vesicles containing phosphatidylinositol at low pH. Cabiaux V, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):840-9

Regulation of plasma membrane Ca2+ ATPases by lipids of the phosphatidylinositol cycle. Choquette D, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):908-15

Influence of neonatal age on changes in fatty acid composition of microsomal lipids induced by long-term and short-term cholesterol feeding. Garcia-Gonzalez M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):677-81

The influence of insulin on the flux of lipid metabolism in vivo. Kilworth L, et al. **Biochem Int** 1985 Apr;10(4):539-47

On the flux of lipid metabolism in diabetic animals. Kilworth L, et al. **Biochem Int** 1984 Dec;9(6):745-53

Evaluation of alpha-tocopherol antioxidant activity in microsomal lipid peroxidation as detected by low-level chemiluminescence. Cadenas E, et al. **Biochem J** 1984 Nov 1;223(3):755-9

The interaction of lithium with thyrotropin-releasing hormone-stimulated lipid metabolism in GH3 pituitary tumour cells. Enhancement of stimulated 1,2-diacylglycerol formation. Drummond AH, et al. **Biochem J** 1984 Nov 15;224(1):129-36

The role of lipid peroxidation in the N-oxidation of 4-chloroaniline. Golly I, et al. **Biochem J** 1984 Dec 1;224(2):415-21

Effect of ethanol on lipid metabolism in cultured hepatocytes. Grunnet N, et al. **Biochem J** 1985 Jun 15;228(3):673-81

Binding of trichloromethyl radicals to lipids of the hepatic endoplasmic reticulum during tetrachloromethane metabolism. Link B, et al. **Biochem J** 1984 Nov 1;223(3):577-86

The role of iron in ferritin- and haemosiderin-mediated lipid peroxidation in liposomes. O'Connell MJ, et al. **Biochem J** 1985 Jul 1;229(1):135-9

Separation and characterization of the aldehydic products of lipid peroxidation stimulated by carbon tetrachloride or ADP-iron in isolated rat hepatocytes and rat liver microsomal suspensions. Poli G, et al. **Biochem J** 1985 Apr 15;227(2):629-38

Asbestos-catalysed lipid peroxidation and its inhibition by desferroxamine. Weitzman SA, et al. **Biochem J** 1985 Jan 1;225(1):259-62

Doxorubicin induced alterations in lipid metabolism of cultured myocardial cells. Demant EJ, et al. **Biochem Pharmacol** 1985 May 15;34(10):1741-6

Synthesis of 3-phenoxybenzoic acid-containing lipids via the monoacylglycerol pathway. Imhof DA, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):3009-10

Mitochondrial myopathies: defects in beta-oxidation. Turnbull DM, et al. **Biochem Soc Trans** 1985 Aug;13(4):645-7

Gastric lipolysis of milk lipids in suckling rats. Bitman J, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):58-64

The biosynthesis and turnover of lipid during the differentiation of Dictyostelium discoideum. MacDonald JI, et al. **Biochim Biophys Acta** 1985 May 17;834(3):301-7

Association of spin-labelled cardiolipin with dimyristoylphosphatidylcholine-substituted bovine heart cytochrome c oxidase. A generalized specificity increase rather than highly specific binding sites. Powell GL, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):191-4

Isolation and lipid-binding properties of rat apolipoprotein A-IV. Rifici VA, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):205-14

The kinetics of changes in the fatty acid composition of Neurospora crassa lipids after a temperature increase. Vokt JP, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):176-82

Some aspects of renal energy and lipid metabolism in newborn rats. Hohenegger M, et al. **Biol Neonate** 1984;46(4):177-85

Histochemical observations of lipids in the cerebellum of young Gunn rats. Keino H, et al. **Biol Neonate** 1984;46(6):296-303

Effects of vasectomy and exercise upon aortic extensibility, cholesterol deposition, and stainable tissue lipids. Bridges FS, et al. **Biol Reprod** 1984 Sep;31(2):296-302

Development changes occurring in the lipids of ram epididymal spermatozoa plasma membrane. Parks JE, et al. **Biol Reprod** 1985 Apr;32(3):653-68

The possible role of intimal convective transport in atherogenesis. Lanir Y. **Biorheology** 1984;21(4):643-7

Effect of (+)-cyanidanol-3 on rat brain lipid peroxidation. Fehér J, et al. **Br J Exp Pathol** 1985 Apr;66(2):161-4

Measurement of short-term changes in the fat content of the body: a comparison of three methods in patients receiving intravenous nutrition. Almond DJ, et al. **Br J Nutr** 1984 Sep;52(2):215-25

Substrate turnover after injury. Frayn KN. **Br Med Bull** 1985 Jul;41(3):232-9 (109 ref.)

Quantitative receptor autoradiography: tissue defatting eliminates differential self-absorption of tritium radiation in gray and white matter of brain. Herkenham M, et al. **Brain Res** 1984 Nov 12;321(2):363-8

Metabolic alterations of endoneurial lipids in developing trembler nerve. Yao JK, et al. **Brain Res** 1985 Jan 28;325(1-2):21-7

The lipid content of the diabetic kidney of the rat. Lemieux G, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1274-8

Sequential changes in the activities of lipoprotein lipase and lipogenic enzymes during tumor growth in rats. Lanza-Jacoby S, et al. **Cancer Res** 1984 Nov;44(11):5062-7

Sensory cells of the 'rod-' and 'cone-type' in the pineal organ of Rana esculenta, as revealed by immunoreaction against opsin and by the presence of an oil (lipid) droplet. Vigh B, et al. **Cell Tissue Res** 1985;240(1):143-8

Liposomal membranes. XIX. Interaction between spermicidal agents and liposomes reconstituted with boar spermatozoal lipids. Sunamoto J, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):2891-7

Stimulation of lipid and sugar metabolism in ginsenoside-Rb2 treated rats. Yokozawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2766-72

Fibrosis, lipids, and calcium in human atherosclerotic plaque. In vitro differentiation from normal aortic walls by ultrasonic attenuation. Picano E, et al. **Circ Res** 1985 Apr;56(4):556-62

Lipid deposits on worn soft contact lenses. Rapp J, et al. **CLAO J** 1984 Jul-Sep;10(3):235-9

READEX FICHE

Post-heparin lipolytic activity in acute renal failure. Druml W, et al. **Clin Nephrol** 1985 Jun;23(6):289-93

Alterations in rat lipid metabolism following ecdysterone treatment. Catalán RE, et al. **Comp Biochem Physiol [B]** 1985;81(3):771-5

A comparison of the effects of duodenal glucose infusion on carbohydrate and lipid metabolism in liver, adipose tissue and small intestinal mucosa in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1985;81(1):59-62

Kinetics of individual polychlorinated biphenyl (PCB) components in juvenile sole (Solea solea) in relation to their concentrations in food and to lipid metabolism. Boon JP, et al. **Comp Biochem Physiol [C]** 1984;79(1):131-42

Absence of alpha-adrenergic inhibition of lipolysis in swine adipose tissue. Mersmann HJ. **Comp Biochem Physiol [C]** 1984;79(1):165-70

Disturbances of lipid metabolism in uremic rats. Drüeke T, et al. **Contrib Nephrol** 1984;41:321-7

Lipid metabolism in fungi. Chopra A, et al. **CRC Crit Rev Microbiol** 1984;11(3):209-71 (541 ref.)

Regional distribution of lipids and phospholipase A2 activity in normal and cataractous rat lens. Cenedella RJ. **Curr Eye Res** 1985 Feb;4(2):113-20

Lens lipids. Zelenka PS. **Curr Eye Res** 1984 Nov;3(11):1337-59 (188 ref.)

High-carbohydrate, low-fat diet: effect on lipid and carbohydrate metabolism, GIP and insulin secretion in diabetics. Sestoft L, et al. **Dan Med Bull** 1985 Mar;32(1):64-9

Comparison of portal and peripheral insulin delivery on lipid metabolism in streptozocin-diabetic rats. Kruszynska YT, et al. **Diabetes** 1985 Jun;34(6):611-6

Lipid accumulation in jejunal and colonic mucosa following chronic cholestyramine (Questran) feeding. Cassidy MM, et al. **Dig Dis Sci** 1985 May;30(5):468-76

Effects of intravenous infusion of amino acids, fat, or glucose on unstimulated pancreatic secretion in healthy humans. Niederau C, et al. **Dig Dis Sci** 1985 May;30(5):445-55

Combined action of carbaryl and phenthoate on tissue lipid derivatives of murrel, Channa punctatus (Bloch). Rao KS, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):107-11

The transfer of myristic and other fatty acids on lipid and viral protein acceptors in cultured cells infected with Semliki Forest and influenza virus. Schmidt MF. **EMBO J** 1984 Oct;3(10):2295-300

Evidence for independent 11-oxidase and 11-reductase activities of 11 beta-hydroxysteroid dehydrogenase: enzyme latency, phase transitions, and lipid requirements. Lakshmi V, et al. **Endocrinology** 1985 Feb;116(2):552-60

Lipid island of the esophagus. Case report. Remmele W, et al. **Endoscopy** 1984 Nov;16(6):240-1

Mechanism of rate control of the NADPH-dependent reduction of cytochrome P-450 by lipids in reconstituted phospholipid vesicles. Blanck J, et al. **Eur J Biochem** 1984 Nov 2;144(3):509-13

Microlipid droplets in milk secreting mammary epithelial cells: evidence that they originate from endoplasmic reticulum and are precursors of milk lipid globules. Deeney JT, et al. **Eur J Cell Biol** 1985 Jul;38(1):16-26

Morphological and biochemical characterization of possible intracellular precursors of milk lipid globules. Dylewski DP, et al. **Eur J Cell Biol** 1984 Sep;35(1):99-111

Relationship between lipid composition and drug metabolizing capacity of human liver. Savolainen MJ, et al. **Eur J Clin Pharmacol** 1985;27(6):727-32

Effects of phenobarbital on biliary lipid metabolism in children with chronic intrahepatic cholestasis. Becker M, et al. **Eur J Pediatr** 1984 Nov;143(1):41-4

Biliary lipid metabolism in children with chronic intrahepatic cholestasis. Becker M, et al. **Eur J Pediatr** 1984 Nov;143(1):35-40

Interaction of lipid vesicles with an heptoseless strain of Escherichia coli. Proulx P. **Exp Biol** 1985;43(3):191-9

Glycoprotein synthesis in the human retina: localization of the lipid intermediate pathway. Fliesler SJ, et al. **Exp Eye Res** 1984 Aug;39(2):153-73

Lipid-apolipoprotein interactions in surfactant studied by reassembly. King RJ. **Exp Lung Res** 1984;6(3-4):237-53

Lipids in cells of atherosclerotic and uninvolved human aorta. I. Lipid composition of aortic tissue and enzyme-isolated and cultured cells. Orekhov AN, et al. **Exp Mol Pathol** 1985 Feb;42(1):117-37

Estrogen and accessory sex gland lipids. Umapathy E. **Experientia** 1984 Dec 15;40(12):1431-3

Involvement of plastoquinone and lipids in electron transport reactions mediated by the cytochrome b6-f complex isolated from spinach. Chain RK. **FEBS Lett** 1985 Jan 28;180(2):321-5

The steatotic and cytotoxic effects of cholesterol oxides in cultured L cells. Higley NA, et al. **Food Chem Toxicol** 1984 Dec;22(12):983-92

Effects of inhaled HF on lipid metabolism in guinea pigs. Dousset JC, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):618-23

Lipid-phenolic radical adducts as a plausible mechanism of 'plant ageing' pigment formation. Merzlyak MN, et al. **Gen Physiol Biophys** 1984 Dec;3(6):497-505

Protein and energy relations in the broiler. 3. Growth and in vitro lipid metabolism in male and female chickens used as parent stock. Rosebrough RW, et al. **Growth** 1985 Spring;49(1):63-77

Effect of cimetidine on enzyme inactivation, bile acid precipitation, and lipid solubilisation in pancreatic steatorrhoea due to cystic fibrosis. Zentler-Munro PL, et al. **Gut** 1985 Sep;26(9):892-901

A metabolic profile of fed and fasting genetically obese mice at 4-5 months of age. Lombardo YB, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:37-42

The insulin-like action of beta-cell-tropin on glucose and lipid metabolism in adipocytes. Watkinson A, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:55-8

Beneficial short-term effects of unprocessed wheat bran on lipid and glucose metabolism in man. Moore DJ, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):63-7

The relative contribution of body fat and fat pattern to blood pressure level. Weinsier RL, et al. **Hypertension** 1985 Jul-Aug;7(4):578-85

The biochemical and ultrastructural studies on the effects of trimethyltin on regional brain lipid profiles and lipid peroxidation. Hasan M, et al. **Ind Health** 1984;22(2):107-16

Metabolism of hepatic lipids in alloxan diabetes. Chauhan UP, et al. **Indian J Exp Biol** 1984 Jul;22(7):386-90

Effect of hypothermic preservation on in vitro incorporation of 1-14C-acetate into lipids of liver. Garg S, et al. **Indian J Exp Biol** 1984 Dec;22(12):670-3

Duchenne's muscular dystrophy: a tissue culture perspective. Bonsett CA, et al. **Indiana Med** 1984 Jun;77(6):446-9

Human preovulatory follicular fluid: the lipids. Are they the trigger for capacitation? Menezo Y, et al. **Int J Fertil** 1984;29(2):61-4

Genotype identification of 10-day old Zucker rats by lipid content of inguinal fat pad. de Waziers I, et al. **Int J Obes** 1985;9(1):21-4

The effect of dietary manipulation on hepatic lipid accumulation in rats undergoing small intestinal bypass. Kaminski DL, et al. **Int J Obes** 1985;9(1):59-68

Inhibitors of the rate of carbohydrate and lipid absorption by the intestine. Puls W, et al. **Int J Obes** 1984;8 Suppl 1:181-90 (54 ref.)

Pharmacological modulation of lipid metabolism for the treatment of obesity. Sullivan AC, et al. **Int J Obes** 1984;8 Suppl 1:241-8 (47 ref.)

Anti-obesity activity of a novel lipid synthesis inhibitor. Triscari J, et al. **Int J Obes** 1984;8 Suppl 1:227-39

Transmission electron microscopic observations on lipid release in Schistosoma mansoni maintained in vitro. Haseeb MA, et al. **Int J Parasitol** 1985 Feb;15(1):49-53

Changes in chick corneal lipids during development. Rintoul DA, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1151-5

A comparison of lipid metabolism in two human retinoblastoma cell lines. Yorek MA, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1148-54

Effect of swine weaning age on body fat and lipogenic activity in liver and adipose tissue. Fenton JP, et al. **J Anim Sci** 1985 Jan;60(1):190-9

Enzyme histochemical studies in an ontogeny study of muscle development in Ossabaw and decapitated fetuses: cellular reactions. Hausman GJ, et al. **J Anim Sci** 1985 Jun;60(6):1562-70

Adipose tissue lipolytic rate in genetically obese and lean swine. Mersmann HJ. **J Anim Sci** 1985 Jan;60(1):131-5

Efficiency of feed energy utilization for protein and fat gain in Hereford and Charolais steers. Old CA, et al. **J Anim Sci** 1985 Mar;60(3):766-71

Effect of elastase on glucose and lipid metabolism in rat fat cells. Ueki H, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1419-25

Altered cholesteryl ester cycle is associated with lipid accumulation in herpesvirus-infected arterial smooth muscle cells. Hajjar DP, et al. **J Biol Chem** 1985 May 25;260(10):6124-8

Interaction of tetanus toxin with lipid vesicles at low pH. Protection of specific polypeptides against proteolysis. Roa M, et al. **J Biol Chem** 1985 Jun 10;260(11):6827-35

Structural properties and lipid binding of human apolipoprotein A-IV. Weinberg RB, et al. **J Biol Chem** 1985 Apr 25;260(8):4914-21

Differences in the behavior of cytoplasmic granules and lipid bodies during human lung mast cell degranulation. Dvorak AM, et al. **J Cell Biol** 1984 Nov;99(5):1678-87

Nile red: a selective fluorescent stain for intracellular lipid droplets. Greenspan P, et al. **J Cell Biol** 1985 Mar;100(3):965-73

Relationship between insulin-mediated glucose disposal and lipid metabolism in man. Lillioja S, et al. **J Clin Invest** 1985 Apr;75(4):1106-15

Small intestinal mucosal fat in childhood enteropathies [letter] Widgren S. **J Clin Pathol** 1984 Oct;37(10):1195

Quantitative electron microscopic observations on the non-neuronal cells and lipid droplets in the posterior funiculus of the cat after dorsal rhizotomy. Franson P. **J Comp Neurol** 1985 Jan 22;231(4):490-9

Blood and milk lipid responses induced by growth hormone administration in lactating cows. Bitman J, et al. **J Dairy Sci** 1984 Dec;67(12):2873-80

Influence of triglycerides and free fatty acids in milk replacers on calf performance, blood plasma, and adipose lipids. Jenkins KJ, et al. **J Dairy Sci** 1985 Mar;68(3):669-80

Aspects of intracellular transit of serum and lipid phases of milk. Keenan TW, et al. **J Dairy Sci** 1985 Apr;68(4):1025-40 (60 ref.)

Digestion and absorption of lipids and bile acids in sheep fed stearic acid, oleic acid, or tristearin. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1667-75

Alterations in the metabolism of lipids in ischemia of the liver and kidney. Finkelstein SD, et al. **J Lipid Res** 1985 Jun;26(6):726-34

The roles of Golgi and endoplasmic reticulum in the synthesis and assembly of lipoprotein lipids in rat hepatocytes. Higgins JA, et al. **J Lipid Res** 1984 Dec 1;25(12):1295-305

Lipid-metabolizing enzymes of myelin and their relation to the axon. Ledeen RW. **J Lipid Res** 1984 Dec 15;25(13):1548-54 (54 ref.)

Lipid transfer proteins. Zilversmit DB. **J Lipid Res** 1984 Dec 15;25(13):1563-9 (112 ref.)

gamma-Aminobutyric acid esters. 2. Synthesis, brain uptake, and pharmacological properties of lipid esters of gamma-aminobutyric acid. Jacob JN, et al. **J Med Chem** 1985 Jan;28(1):106-10

Storage and microwave reheating effects on lipid oxidation of roast beef. Hsieh JH, et al. **J Microwave Power** 1984 Sep;19(3):187-94

Effect of light on the metabolism of lipids in the rat retina. Anderson RE, et al. **J Neurochem** 1985 Mar;44(3):773-8

Decreased incorporation of [3H]inositol and [3H]glycerol into glycerolipids of sciatic nerve from the streptozotocin diabetic rat. Bell ME, et al. **J Neurochem** 1985 Aug;45(2):465-9

Gastrocnemius muscle lipids in relation to diet in two mouse mutants, 129Re-dy and A2G-adr, with abnormal muscle function. Rebello T, et al. **J Neurochem** 1985 Jul;45(1):257-67

15(p-[123I]Iodophenyl)pentadecanoic acid as tracer of lipid metabolism: comparison with [1-14C]palmitic acid in murine tissues. Reske SN, et al. **J Nucl Med** 1984 Dec;25(12):1335-42

Dietary calcium and vitamin D: risk factors in the development of atherosclerosis in young goats. Hines TG, et al. **J Nutr** 1985 Feb;115(2):167-78

Effect of wheat bran, pectin and cellulose on the secretion of bile lipids in rats. Lafont H, et al. **J Nutr** 1985 Jul;115(7):849-55

The influence of marine oil intake upon levels of lipids, alpha-tocopherol and lipid peroxidation in serum and liver of rats. Mouri K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):307-18

Effects of Okinawan sugar cane wax and fatty alcohol on serum and liver lipids in the rat. Sho H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):553-9

Carnitine and neonatal lipid metabolism [letter] Schmidt-Sommerfeld E, et al. **J Pediatr** 1984 Nov;105(5):848-9

Improved prognosis in CF patients with normal fat absorption. Corey M, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S99-105

Inhibition of lipid absorption by non-ionic hydrophobic surfactant Pluronic L-81, and its benzoyl esters. Bochenek WJ, et al. **J Pharm Pharmacol** 1984 Dec;36(12):834-6

Pill formulations and their effect on lipid and carbohydrate metabolism. Brooks PG. **J Reprod Med** 1984 Jul;29(7 Suppl):539-46

Effects of short-term treatment with a combined oestrogen-progestin oral contraceptive on biliary lipids and cholesterol saturation index in young women. Snowball S, et al. **J Steroid Biochem** 1985 Feb;22(2):257-61

Isoproterenol induced fatty change in rat myocardium: freeze fracture study of the sarcolemma at sites of lipid droplet-membrane appositions. Bruneval P, et al. **J Submicrosc Cytol** 1985 Jul;17(3):335-43

Studies of bile lipids and bile acids of wild North American black bears in Nova Scotia, showing a high content of ursodeoxycholic acid. MacDonald AC, et al. **J Surg Res** 1985 Feb;38(2):173-9

The metabolism of an exogenous lipid source during septic shock in the puppy. Coran AG, et al. **JPEN** 1984 Nov-Dec;8(6):652-6

Systemic appearance of nutrients placed into the peritoneal cavity. Gilsdorf RB, et al. **JPEN** 1985 Mar-Apr;9(2):148-52

Effect of supplemental L-Carnitine on lipid utilization and nitrogen retention in parenterally fed piglets [letter] Hall RI. **JPEN** 1984 Sep-Oct;8(5):589

Abnormalities in gangliosides and other lipids of monkey, rabbit and human brains with chronic organic mercury intoxication. Ando S, et al. **Jpn J Exp Med** 1985 Feb;55(1):1-6

Effect of chronic treatment of propranolol on lipid metabolism in spontaneously hypertensive rats (SHR). Tonooka M, et al. **Jpn J Pharmacol** 1985 Apr;37(4):335-44

Impaired myocardial lipid metabolism in phosphate depletion. Brautbar N, et al. **Kidney Int** 1984 Jul;26(1):18-23

Lipid alterations induced by renal ischemia: pathogenic factor in membrane damage. Matthys E, et al. **Kidney Int** 1984 Aug;26(2):153-61

The absorption of lipid and lipoprotein synthesis. Tso P, et al. **Lab Res Methods Biol Med** 1984;10:191-216 (120 ref.)

Implication of acidic lipids in 5-hydroxytryptamine receptor mechanisms. Yoshikawa S, et al. **Life Sci** 1985 Feb 4;36(5):485-92

Incorporation of trans fatty acids into submandibular salivary gland lipids. Alam SQ, et al. **Lipids** 1985 Jan;20(1):16-23

The influence of protein and carbohydrate type on serum and liver lipids and lipoprotein cholesterol in rabbits. Bauer JE, et al. **Lipids** 1984 Nov;19(11):844-50

Effect of brominated vegetable oils on heart lipid metabolism. Lombardo YB, et al. **Lipids** 1985 Jul;20(7):425-32

The effects of hypophysectomy and testosterone treatment on the composition and metabolism of testicular lipids. Marzouki ZM, et al. **Lipids** 1984 Aug;19(8):609-16

Effect of high doses of synthetic estrogen on lipid metabolism in castrated male rats. Nishikawa M, et al. **Lipids** 1984 Oct; 19(10):777-83

Lipid class composition during embryonic and early larval development in Atlantic herring (Clupea harengus, L.). Tocher DR, et al. **Lipids** 1985 Feb;20(2):84-9

Fatty acid composition of phospholipids and neutral lipids during embryonic and early larval development in Atlantic herring (Clupea harengus, L.). Tocher DR, et al. **Lipids** 1985 Feb,20(2):69-74

Effect of moderate diet enrichment with essential unsaturated fatty acids (EFA) on lipid metabolism parameters and blood pressure. Ziemlański S. **Mater Med Pol** 1984 Apr-Dec; 16(2-4):105-7

Intestinal morphology, marker enzymes and lipid content of brush border membranes from rabbit jejunum and ileum: effect of aging. Keelan M, et al. **Mech Ageing Dev** 1985 Jun;31(1):49-68

Effect of gemfibrozil on biliary lipid metabolism in normolipemic subjects. Leiss O, et al. **Metabolism** 1985 Jan; 34(1):74-82

Changes in lipid metabolism in diet-induced obesity. Triscari J, et al. **Metabolism** 1985 Jun;34(6):580-7

On the role of peroxisomes in the metabolism of lipids--evidence from studies on mammalian tissues in vivo. Masters C, et al. **Mol Cell Biochem** 1984 Nov;65(1):23-35

The composition and distribution of lipid granules in the rat ovary. Tuckey RC, et al. **Mol Cell Endocrinol** 1984 Dec; 38(2-3):187-95

Some aspects of lipid metabolism in the liver of Wistar rats with fat diet-induced obesity. Haude W, et al. **Nahrung** 1985;29(6):567-76

Fatty acid composition of liver and adipose tissue lipids in Wistar rats with fat diet-induced obesity. Völcker CE, et al. **Nahrung** 1985;29(6):577-83

Effect of oral carnitine supplementation on disturbances of lipid metabolism in the uremic rat. Basile C, et al. **Nephron** 1985;39(1):50-4

Investigations on myelinogenesis in vitro: a study of the critical period at which thyroid hormone exerts its maximum regulatory effect on the developmental expression of two myelin associated markers in cultured brain cells from embryonic mice. Shanker G, et al. **Neurochem Res** 1985 May;10(5):617-25

Lipid binding activities of the P2 protein in peripheral nerve myelin Uyemura K, et al. **Neurochem Res** 1984 Oct; 9(10):1509-14

Effect of fatty acid-enriched diet on the composition of fatty acids in lipids of cerebral myelin during development. Wender M, et al. **Neuropatol Pol** 1985;23(1):119-27

Actions of somatostatin on lipid metabolism in mouse cerebral cortex slices. Catalán RE, et al. **Neurosci Res** 1985 Feb;2(3):201-4

Lipid-laden macrophages in tracheal aspirates of newborn infants receiving intravenous lipid infusions: a cytologic study. Recalde AL, et al. **Pediatr Pathol** 1984;2(1):25-34

Effect of food synchronization on the circadian rhythm of bone marrow and thymus lipids in rats. Ahlers I, et al. **Physiol Bohemoslov** 1984;33(6):511-4

Effects of non-sugar fraction in black sugar on lipid and carbohydrate metabolism; Part I. Kimura Y, et al. **Planta Med** 1984 Dec;50(6):465-8

The effect of marginal levels of calcium, fish meal, torula yeast and alfalfa meal on feed intake, hepatic lipid accumulation, plasma estradiol, and egg shell quality among laying hens. Bolden SL, et al. **Poult Sci** 1985 May; 64(5):937-46

Dietary effects on content of hepatic lipid, plasma minerals, and tissue ascorbic acid in hens and estrogenized chicks. Brenes A, et al. **Poult Sci** 1985 May;64(5):947-54

The influence of dietary salt on water consumption and carcass lipids in Japanese quail. Darden JR, et al. **Poult Sci** 1985 Jul;64(7):1269-78

Liver lipid content in broilers as affected by time without feed or feed and water. Jensen LS, et al. **Poult Sci** 1984 Dec;63(12):2404-7

Effect of bile acids and diet composition on lipid absorption in chickens with cannulated bile ducts. Pullen DL, et al. **Poult Sci** 1984 Oct;63(10):2020-6

Liver response to diet and estrogen in white Leghorn and Rhode Island Red chickens. Takahashi K, et al. **Poult Sci** 1985 May;64(5):955-62

Effect of dietary composition and estradiol implants on hepatic microsomal mixed function oxidase and lipid deposition in growing chicks. Takahashi K, et al. **Poult Sci** 1984 Nov;63(11):2217-24

The effects of streptozotocin diabetes and of dietary protein content on the composition and metabolism of testicular lipids. Wilder PJ, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):399-405

Incorporation of 5,8,11,14-eicosatetraynoic acid (ETYA) into cell lipids: competition with arachidonic acid for esterification. Taylor AS, et al. **Prostaglandins** 1985 Mar; 29(3):449-58

Addition of sorbitol to a milk substitute for veal calves. II. Effects on plasma, liver and muscle lipids. Bauchart D, et al. **Reprod Nutr Dev** 1985;25(2):411-25

Lipoprotein lipase and the uptake of lipids by adipose cells during development. Cryer A. **Reprod Nutr Dev** 1985; 25(1B):255-70 (75 ref.)

The micellar hypothesis of fat absorption: must it be revisited? Borgström B. **Scand J Gastroenterol** 1985 May;20(4):389-94 (24 ref.)

Defining lipid transport pathways in animal cells. Pagano RE, et al. **Science** 1985 Sep 13;229(4718):1051-7

Significance of lipoidal estradiol in human mammary tumors. Abul-Hajj YJ, et al. **Steroids** 1983 Oct;42(4):417-26

Lipid metabolism and the initiation and regulation of mediator release from mast cells. Kennerly DA. **Surv Immunol Res** 1984;3(4):304-10 (29 ref.)

The transfer of lipid in insects from the epidermal cells to the cuticle. Wigglesworth VB. **Tissue Cell** 1985; 17(2):249-65

Altered lipid metabolism and impaired clearance of plasma cholesterol in mice fed cyclopropenoid fatty acids. Matlock JP, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):457-66

Lipid composition and monooxygenase relationship in liver microsomal membranes from rats fed unbalanced diets. Narbonne JF, et al. **Toxicol Lett** 1984 Oct;23(1):73-7

Lipid accumulation in the livers of chlorpromazine-treated rats does not induce peroxisome proliferation. Price SC, et al. **Toxicol Lett** 1985 Apr;25(1):11-7

The effects of various doses and various applications of heparin on the fat metabolism and on blood coagulation. Losonczy H, et al. **Wien Klin Wochenschr** 1984 Dec 21; 96(24):885-9

Effects of various oils and of starvation on the lipid metabolism in brain. Singh S, et al. **Z Ernahrungswiss** 1984 Dec;23(4):276-82

Role of lipid in butylatedhydroxyanisole (BHA) resistance of Listeria monocytogenes. Al-Issa M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):42-50

[Changes in serum and liver lipids in rats after the short-term use of an atherogenic diet regimen (the effect of Vita yogurt)] Ilinov P, et al. **Eksp Med Morfol** 1984; 23(4):196-200 (Eng. Abstr.) **(Bul)**

[Abnormalities of myocardial lipid metabolism and advances of drug intervention in acute myocardial ischemia] Hu ZW. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):35-40 **(Chi)**

[Thyroid hormones and lipid peroxidation] Wilhelm J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):838-42 (Eng. Abstr.) **(Cze)**

[Fatty infiltration of the heart. Cause of sudden death in connection with physical exertion] Johannessen AC, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):25 (Eng. Abstr.) **(Dan)**

[Neurochemistry of lipids in the nervous system, fatty acids in particular. Neurotoxicologic prospects] Bourre JM. **C R Soc Biol (Paris)** 1984;178(6):595-611 (61 ref.) (Eng. Abstr.) **(Fre)**

[Demonstration of lipids by imidazole-buffered osmium tetroxide in the odontoblasts and cells of the enamel organ in the rat incisor] Goldberg M, et al. **J Biol Buccale** 1984 Dec;12(4):317-30 (Eng. Abstr.) **(Fre)**

[Comparison of the effects of orally or percutaneously administered estradiol on carbohydrates and lipids after the menopause] Barrat J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):621-7 (Eng. Abstr.) **(Fre)**

[Metformin, lipids and atherosclerosis] Joffroy-Lavieuville M, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:361-6 (31 ref.) **(Fre)**

[Lipid metabolism during development. 10th meeting of the Development Group of the National Institute of Agronomic Research, Rennes, 9-10 May 1984] **Reprod Nutr Dev** 1985;25(1B):153-344 **(Fre)**

[Effect of a hyperlipidic diet on lipogenesis, storage and utilization of lipids in the pregnant rat] Champigny O, et al. **Reprod Nutr Dev** 1985;25(1B):295-301 (Eng. Abstr.) **(Fre)**

[Nutritional correction of an excess of unsaturated fatty acids in the body lipids of the growing rat] Guesnet P, et al. **Reprod Nutr Dev** 1984;24(4):387-403 (Eng. Abstr.) **(Fre)**

[Postnatal development of the fatty acid composition of lipids of adipose and muscle tissue in rabbits on a low-fat diet] Ouhayoun J, et al. **Reprod Nutr Dev** 1985;25(3):505-19 (Eng. Abstr.) **(Fre)**

[Lipid composition of microsomes and mitochondria of the rat kidney cortex] Jung K, et al. **Biomed Biochim Acta** 1985; 44(3):381-8 (Eng. Abstr.) **(Ger)**

[Protection of the skin surface film by cosmetic cream] Würbach G, et al. **Dermatol Monatsschr** 1985;171(3):162-6 (Eng. Abstr.) **(Ger)**

[Significance of normal lipid transport in the anterior eye segment for the transparency of cornea and lens] Leiss O, et al. **Fortschr Ophthalmol** 1984;81(5):451-3 (Eng. Abstr.) **(Ger)**

[Comparative lipid histochemical studies of lutein tissue in follicular lutein cysts and periodic corpora lutea of cattle] Boos A, et al. **Zentralbl Veterinarmed [A]** 1984 Dec; 31(10):763-75 (Eng. Abstr.) **(Ger)**

[Influence of maltitol on lipid metabolism: fatty acid composition of the heart and brain of the rat] Barzanti V, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2091-7 (Eng. Abstr.) **(Ita)**

[Modifications in the oscillation of substrates in obese subjects subjected to variations in the pattern of meal-timing] Del Ponte A, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30; 60(11):2099-104 (Eng. Abstr.) **(Ita)**

[Cutaneous lipid excretion] De Luca R, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1217-22 (Eng. Abstr.) **(Ita)**

[Relation between changes in lipid metabolism and macrocytic anemia in chronic liver disease. Evaluation of therapy with a membranotropic drug] De Martiis M, et al. **Clin Ter** 1984 Oct 31;111(2):135-9 (Eng. Abstr.) **(Ita)**

[Lipid metabolism in hyperglycemic human and rabbit's lenses] Ohmura M. **Nippon Ganka Gakkai Zasshi** 1985 Jan; 89(1):162-71 (Eng. Abstr.) **(Jpn)**

[Lipid metabolism in surgery] Higasa Y. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):865-8 **(Jpn)**

[The effect of oral synthetic protease inhibitor (FOY 305) on endocrine pancreas and carbohydrate and lipid metabolism in normal and streptozotocin-induced diabetic rats] Eto M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):684-95 (Eng. Abstr.) **(Jpn)**

[The effect of gallstone-dissolving agents on lipid and bile acid metabolism] Kajiyama G. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):733-7 **(Jpn)**

[An autopsy case of Weber-Christian disease associated with abnormal lipid metabolism] Kato M, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):54-61 **(Jpn)**

[Aging and lipid metabolism] Sekimoto H, et al. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):333-6 (Eng. Abstr.) **(Jpn)**

[Morphological and biochemical studies in experimental bond neuropathy] Saito T, et al. **Rinsho Shinkeigaku** 1984 Jun; 24(6):543-51 (Eng. Abstr.) **(Jpn)**

[Biochemical studies of experimental vincristine neuropathy. Lipid changes of proximal and distal peripheral nerve tissue] Saito T, et al. **Rinsho Shinkeigaku** 1984 Jul; 24(7):657-64 (Eng. Abstr.) **(Jpn)**

[Lipids in myelin membrane] Kishimoto Y, et al. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):1069-84 (88 ref.) **(Jpn)**

[The hypothalamus and metabolic regulation, especially hypothalamic regulation of lipid metabolism and its disorder] Shimazu T. **Tanpakushitsu Kakusan Koso** 1984 Dec;29(14):1589-99 (40 ref.) **(Jpn)**

[Bacterial lipids] Mordarska H. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):709-31 (Eng. Abstr.) **(Pol)**

[Composition of plasma lipoproteins and clinical indicators of the progression of arteriosclerosis in patients with primary hyperlipoproteinemia and different degrees of lipid change in the soft palate] Markiewicz M, et al. **Wiad Lek** 1984 Jun 1;37(11):831-5 (Eng. Abstr.) **(Pol)**

[Psoralen-photosensitized formation of free lipid radicals at 77 degrees K] Gavrilov VB, et al. **Biofizika** 1985 Mar-Apr; 30(2):239-43 (Eng. Abstr.) **(Rus)**

[Correction of lipid metabolism in rats with limited mobility by an alternating magnetic field of infra-low frequency] Temur'iants NA, et al. **Biofizika** 1985 Mar-Apr;30(2):313-6 (Eng. Abstr.) **(Rus)**

[Turnover of chromatin-bound and membrane lipids in the liver and thymus of gamma-irradiated rats] Kaznacheev IuS, et al. **Biokhimiia** 1984 Dec;49(12):2008-11 (Eng. Abstr.) **(Rus)**

[Comparative study of lipid transfer between cell organelles using lipid-transfer proteins in vitro] Kolomiĭtseva IK, et al. **Biokhimiia** 1985 Jun;50(6):891-6 (Eng. Abstr.) **(Rus)**

[Possible participation of a free-radical lipid intermediate in the coupling of oxidation and phosphorylation] Davletshina LN, et al. **Biol Nauki** 1984;(9):25-30 (Eng. Abstr.) **(Rus)**

[Interaction of liposomes with a varying lipid composition with hepatocytes in vitro] Burkhanov SA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):679-81 (Eng. Abstr.) **(Rus)**

[Effect of different doses of water-soluble retinoic acid on the lipid and 3-beta-ol steroid dehydrogenase concentration in the interstitial tissue and supporting cells of the testes of mice] Kotovskiĭ EF, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):247-9 (Eng. Abstr.) **(Rus)**

[Effect of intrauterine ethanol exposure on higher nervous activity and on protein and lipid metabolic indices of the brain in rats] Zabludovskiĭ AL, et al. **Biull Eksp Biol Med** 1985 May;99(5):545-8 (Eng. Abstr.) **(Rus)**

[Ultrastructural characteristics of lipid absorption] Mosevich TN, et al. **Dokl Akad Nauk SSSR** 1985;281(3):686-9 **(Rus)**

[Effect of a modifying factor and its combination with levorin on the fractional lipid composition of Crithidia oncopelti] Sukhareva-Nemakova NN, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):579-86 (Eng. Abstr.) **(Rus)**

[Obesity, hyperlipidemia and cholelithiasis] Dederer IuM, et al. **Klin Med (Mosk)** 1984 Oct;62(10):14-8 (24 ref.) **(Rus)**

[Dynamics of several indices of carbohydrate and lipid metabolism during the period of readaptation after prolonged restriction of movement] Lobova TM, et al. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):55-8 (Eng. Abstr.) **(Rus)**

[Lipid hydrolysis during antiorthostatic hypokinesia in man] Medkova IL, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):40-4 (Eng. Abstr.) **(Rus)**

[Effect of cestodes on the tissue lipid composition of the burbot and stickleback] Gur'ianova SD, et al.

Parazitologiia 1985 Mar-Apr;19(2):152-5 (Eng. Abstr.) **(Rus)**

[Effect of antioxidants on the change in the lipid composition of the liver lysosomes in rats following a thermal burn] Burlakova EB, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):13-7 (Eng. Abstr.) **(Rus)**

[Lipid composition and ATPase activity of the myocardial sarcoplasmic reticulum in experimental hyperlipoproteinemia] Shkolovoĭ VV, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):32-4 (Eng. Abstr.) **(Rus)**

[Lipid metabolism disorders and their correction in premature infants with intrauterine hypotrophy and perinatal encephalopathy] Nikulin LA, et al. **Pediatriia** 1985 Mar;(3):26-9 (Eng. Abstr.) **(Rus)**

[Radiation changes in the lipid levels in liver and thymus chromatin of gamma-irradiated rats] Kaznacheev IuS, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):174-8 (Eng. Abstr.) **(Rus)**

[Lipid transport activity of liver cell cytosol at early periods following gamma-irradiation of rats] Kolomiĭtseva IK, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):16-9 (Eng. Abstr.) **(Rus)**

[Effect of restricted feeding on metabolic changes in lipids following a single lethal irradiation of rats] Toropila M, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):794-7 (Eng. Abstr.) **(Rus)**

[Lipid metabolism in nonspecific lung diseases] Kamyshnikov VS, et al. **Sov Med** 1984;(10):3-7 (Eng. Abstr.) **(Rus)**

[Changes in the lipid composition of murine neuroblastoma C 1300 cells during the process of differentiation] Gulaia NM, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):677-81 (Eng. Abstr.) **(Rus)**

[Effect of different doses of ethanol on the release of enzymes and lipids from the perfused rat liver] Talakin IuN, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):75-8 (Eng. Abstr.) **(Rus)**

[Effect of beta-sitosterol incorporated into liposomes on several indicators of lipid metabolism in experimental hypercholesteremia in rats] Datsenko ZM, et al. **Vopr Med Khim** 1984;30(6):33-8 (Eng. Abstr.) **(Rus)**

[Lipid metabolism of the heart in ischemia and postischemic reperfusion] Toleĭkis AI, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):102-5 (Eng. Abstr.) **(Rus)**

[Age-related changes in adenylate cyclase activity, lipid composition and lipid peroxidation in rat intestinal mucosa: comparison with the frequency of spontaneous tumors] Bershteĭn LM, et al. **Vopr Onkol** 1985;31(8):85-9 (Eng. Abstr.) **(Rus)**

[Effect of natural sterols on the body] Garbuzov AG. **Vopr Pitan** 1984 Jul-Aug;(4):7-12 (127 ref.) **(Rus)**

[Effect of wheat bran included in an anti-atherosclerotic diet on the lipid metabolic indices of ischemic heart disease patients] Meshcheriakova VA, et al. **Vopr Pitan** 1985 May-Jun;(3):9-13 (Eng. Abstr.) **(Rus)**

[Oxidative stability of the lipids in whitefish] Ushkalova VN, et al. **Vopr Pitan** 1985 Jan-Feb;(1):57-61 (Eng. Abstr.) **(Rus)**

[Role of lipid antioxidizing activity in ensuring the viability of microbial cells in air] Bogoslovskaia OA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):24-6 (Eng. Abstr.) **(Rus)**

[The effect of silymarin on lipids in the blood and liver in steatosis] Uličná O, et al. **Vnitr Lek** 1985 Jan;31(1):15-9 (Eng. Abstr.) **(Slo)**

[Changes in lipid metabolism which accompany thioacetamide-induced cirrhosis] Palacios E, et al. **Rev Esp Oncol** 1982;29(3):505-10 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Developmental differences in activation of cholinephosphate cytidylyltransferase by lipids in rabbit lung cytosol. Chu AJ, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):132-40

A special lipid mixture for membrane fluidization. Lyte M, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):133-8

The effect of acidic lipids on the activity of bovine milk galactosyltransferase in vesicles of different phosphatidylethanolamines. Mitranic MM, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):182-6

Effects of lipids on the transport activity of the reconstituted glucose transport system from rat adipocyte. Sandra A, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):511-5

Lipid requirement of the vanadate effect on the binding of calcium and ATP to the calcium transport ATPase of the sarcoplasmic reticulum. Medda P, et al. **Eur J Biochem** 1985 Jan 15;146(2):255-60

Inhibition of phagocytosis and chemiluminescence in human leukocytes by a lipid soluble factor in normal tissues. Huang TS, et al. **Infect Immun** 1984 Nov;46(2):544-51

Granulomatous reactions induced by lipids extracted from Fonsecaea pedrosoi, Fonsecaea compactum, Cladosporium carrionii and Phialophora verrucosum. Silva CL, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):187-94

Lipid-induced recognition of a conformational determinant (residues 65 to 83) in myelin basic protein. Boggs JM, et al. **J Immunol** 1985 Oct;135(4):2617-22

Effect of micellar lipids on rabbit intestinal brush-border membrane phospholipid bilayer integrity studied by 31P NMR. Vallet-Strouve C, et al. **J Membr Biol** 1985;84(1):73-9

Phosphorus-free antihypertensive lipid from dog peritoneal dialysate, Peritoneal Dialysate Depressor-II. Takauchi K, et al. **J Pharmacobiodyn** 1984 Aug;7(8):577-85

Effect of lipids on activity and conformation of lysolecithin:lysolecithin acyltransferase from rabbit lung. Casals C, et al. **Mol Cell Biochem** 1984 Aug;63(1):13-20

[Modification of skin surface film by tenside/lipid mixtures] Würbach G, et al. **Dermatol Monatsschr** 1985;171(6):380-7 (Eng. Abstr.) **(Ger)**

[Adhesivity and chemotaxis of leukocytes during infusion of Intralipid] Prati U, et al. **Chir Ital** 1982 Jun;34(3):426-31 (Eng. Abstr.) **(Ita)**

[Mechanism of action of natural lipid immunomodulators] Fuks BB, et al. **Dokl Akad Nauk SSSR** 1984;279(5):1261-4 **(Rus)**

PHYSIOLOGY

Analysis of number, size and distribution patterns of lipid vacuoles in benign and malignant mesothelial cells. Boon ME, et al. **Anal Quant Cytol** 1984 Dec;6(4):221-6

Phosphatidylserine and ornithine-containing lipids of Bordetella, hemagglutinins of lipoamino acid structure, and their control in biomembranes. Kawai Y, et al. **Eur J Biochem** 1985 Mar 1;147(2):367-70

Comparative aspects of sulfolipids. Bolognani L, et al. **Ital J Biochem** 1984 Jul-Aug;33(4):266A-271A

The renal antihypertensive hormone. Muirhead EE, et al. **J Hypertens** 1985 Feb;3(1):1-8 (107 ref.)

A possible function of structural lipids in the water-holding properties of the stratum corneum. Imokawa G, et al. **J Invest Dermatol** 1985 Apr;84(4):282-4

Apolipoprotein A-I synthesis in rat small intestine: regulation by dietary triglyceride and biliary lipid. Davidson NO, et al. **J Lipid Res** 1985 Mar;26(3):368-79

On the role of sulfolipids in mammalian metabolism. Farooqui AA, et al. **Mol Cell Biochem** 1985 Feb;66(1):87-95 (87 ref.)

[Assessment of the function of skin surface lipids influencing the water content of the stratum corneum] Yoshikuni K. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1253-8 **(Jpn)**

[Role of lipids in the mutagenic activity of nitrosoalkylureas] Danilenko II. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):298-301 (Eng. Abstr.) **(Rus)**

[Adhesive interactions of epithelial cells. The role of microviscosity and the lipid composition of the cell surface] Kucherianu VG, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):909-17 (Eng. Abstr.) **(Rus)**

[Duodenal mechanism as inhibitors of gastric secretion. I. Exogenous administration of hormones, fats and hyperosmolar substances] Sainz Samitier R, et al. **Rev Esp Enferm Apar Dig** 1985 May;67(5):467-72 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

[Mechanisms in the regulation of the level of lipid radiosensitizing agents in yeast cells with different types of radioresistance] Gudz' TI, et al. **Biol Nauki** 1985;(1):25-32 (Eng. Abstr.) **(Rus)**

[Oscillations in lipid oxidation induced by UV irradiation] Zamorin OV. **Dokl Akad Nauk SSSR** 1984 Jul-Aug;277(1):230-4 **(Rus)**

SECRETION

Influence of bile acid structure on bile flow and biliary lipid secretion in the hamster. Gurantz D, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G736-48

Simultaneous occurrence of idiopathic lipemic tears and massive seborrhea. Hebert AA, et al. **Arch Dermatol** 1985 Jan;121(1):112-4

Comparative effects of cimetidine on biliary lipid secretion in fasted and fed rats. Bonazzi P, et al. **Br J Exp Pathol** 1984 Oct;65(5):577-83

Increased biliary lipid secretion in celiac disease. Vuoristo M, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):134-42

Effect of Rowachol on biliary lipid secretion and serum lipids in normal volunteers. Leiss O, et al. **Gut** 1985 Jan;26(1):32-7

Biliary lipid secretion in health and in cholesterol gallstone disease. Carey MC, et al. **Hepatology** 1984 Sep-Oct;4(5 Suppl):31S-37S

Components of variance and covariance between direct and fetal effects in production traits. Cue RI, et al. **J Dairy Sci** 1985 Jul;68(7):1758-62

Androgen regulation of secretions in the sebaceous-like uropygial gland of the male Japanese quail. Abalain JH, et al. **J Endocrinol** 1984 Nov;103(2):147-53

Mathematical model of biliary lipid secretion: a quantitative analysis of physiological and biochemical data from man and other species. Mazer NA, et al. **J Lipid Res** 1984 Sep;25(9):932-53

Biliary secretion of bilirubin and lipids in chronic cholestatic liver disease. Kesäniemi YA, et al. **Scand J Gastroenterol** 1985 May;20(4):433-8

The role of meibomian secretion in the tears. Tiffany JM. **Trans Ophthalmol Soc UK** 1985;104 (Pt 4):396-401 (20 ref.)

[Lipid-secreting carcinoma of the breast] Abe R, et al. **Gan No Rinsho** 1984 Oct;30(13):1713-9 (Eng. Abstr.) **(Jpn)**

[A case of breast cancer with lipid secretion] Takashima S, et al. **Gan No Rinsho** 1985 Jul;31(8):982-9 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

[Evaluation of the anti-inflammatory action of lipids from therapeutic mud silts] Nizkodubova SV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):57-60 **(Rus)**

TOXICITY

Influence of dietary lipid upon ultraviolet light-carcinogenesis. Black HS, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):271-82

Granulomatous reaction induced by lipids isolated from Paracoccidioides brasiliensis. Silva CL. **Trans R Soc Trop Med Hyg** 1985;79(1):70-3

URINE

Urinary lipid bodies in polycystic kidney disease. Duncan KA, et al. **Am J Kidney Dis** 1985 Jan;5(1):49-53

Urinary lipids in vesical carcinoma: a new biological marker. Preliminary study. Llopis B, et al. **Eur Urol** 1985;11(2):121-6

[Analysis of urinary lipids (I)] Takizawa A, et al. **Rinsho Byori** 1984 Dec;32(12):1384-8 **(Jpn)**

LIPIODOL see under **IODIZED OILS**

LIPOAMIDE DEHYDROGENASE

ANTAGONISTS & INHIBITORS

Dye-sensitized photo-oxidation of enzymes. Tsai CS, et al. **Biochem J** 1985 Jan 1;225(1):203-8

Active site-specific inhibition by 1,3-bis(2-chloroethyl)-1-nitrosourea of two genetically homologous flavoenzymes: glutathione reductase and lipoamide dehydrogenase. Ahmad T, et al. **J Lab Clin Med** 1985 Apr;105(4):464-71

The mode of action of arsenical herbicides and drugs. Knowles FC, et al. **Z Gesamte Hyg** 1984 Jul;30(7):407-8

BLOOD

Study of human red cell NADH diaphorase (Dia1) in the Italian population. Beretta M, et al. **Hum Hered** 1985;35(1):7-10

DEFICIENCY

Chemical diagnosis of dihydrolipoyl dehydrogenase deficiency. Kuhara T, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:115-6

GENETICS

Incidence of variants of human red cell NADH diaphorase in Japanese newborns and coordinate developmental changes of its activity with fetal hemoglobin and F cells. Shimizu K, et al. **Biol Neonate** 1984;46(6):261-6

Red cell NADH diaphorase variants in Japanese. Shimizu K, et al. **Hum Hered** 1985;35(4):212-7

Transcription analysis of the sucAB, aceEF and lpd genes of Escherichia coli. Spencer ME, et al. **MGG** 1985;200(1):145-54

IMMUNOLOGY

Immunochemical comparison of lipoamide dehydrogenases from various sources and reactivity of various lipoamide dehydrogenases with rat heart pyruvate dehydrogenase-subcomplex. Matuda S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):479-84

Low immunogenicity of the common lipoamide dehydrogenase subunit (E3) of mammalian pyruvate dehydrogenase and 2-oxoglutarate dehydrogenase multienzyme complexes. De Marcucci OL, et al. **Biochem J** 1985 Mar 1;226(2):509-17

ISOLATION & PURIFICATION

Localization of hydroxysteroid dehydrogenases, glucose-6-phosphate dehydrogenase and diaphorase in the testis and epididymis of the brown spiny mouse, Mus platythrix, Bennet. Suresh R, et al. **Z Mikrosk Anat Forsch** 1984;98(4):535-42

METABOLISM

The effect of 2,4,6-trinitrobenzenesulfonate on mercuric reductase, glutathione reductase and lipoamide dehydrogenase. Carlberg I, et al. **FEBS Lett** 1985 Jan 21;180(1):102-6

Effect of nicotinamide adenine dinucleotide on the oxidation-reduction potentials of lipoamide dehydrogenase from pig heart. Maeda-Yorita K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):683-90

Heme degradation with participation of the superoxide radical in the presence of NADH and lipoamide dehydrogenase. Matuda S, et al. **Jpn J Med Sci Biol** 1984 Aug;37(4):171-5

Alzheimer dementia and reduced nicotinamide adenine dinucleotide (NADH)-diaphorase activity in senile plaques and the basal forebrain. Jacobs RW, et al. **Neurosci Lett** 1985 Jan 7;53(1):39-44

[Lipoamide dehydrogenase, citrate synthase and beta-hydroxyacyl-CoA-dehydrogenase of skeletal muscle

V. Effect of storage of muscles from sheep, game and poultry at +2 degrees C on activity and subcellular distribution] Gottesmann P, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):301-4 (Eng. Abstr.) **(Ger)**

[Lipoamide dehydrogenase, citrate synthase and beta-hydroxyacyl-CoA-dehydrogenase in skeletal muscles. IV. The effect of storage of bovine and swine muscles at 2 degrees C on their activity and subcellular distribution] Hamm R, et al. **Z Lebensm Unters Forsch** 1984 Sep;179(3):205-9 (Eng. Abstr.) **(Ger)**

[Diaphorase reactions of lipoamide dehydrogenases from the adrenal ketoglutarate dehydrogenase complex] Chenas NK, et al. **Biokhimiia** 1985 Jun;50(6):1018-23 (Eng. Abstr.) **(Rus)**

LIPOCHONDRODYSTROPHY

COMPLICATIONS

Hypoplasia of the odontoid with atlanto-axial subluxation in Hurler's syndrome. Thomas SL, et al. **Pediatr Radiol** 1985;15(5):353-4

[Hurler's disease with coexisting glaucoma] Katski W. **Klin Oczna** 1984 May;86(5):225-6 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Magnetic resonance imaging of the brain in Hurler syndrome. Johnson MA, et al. **AJNR** 1984 Nov-Dec;5(6):816-9

alpha-L-Iduronidase deficiency in mucopolysaccharidosis type I against a radiolabelled sulfated disaccharide substrate derived from dermatan sulfate. Muller VJ, et al. **Clin Genet** 1984 Nov;26(5):414-21

Antenatal diagnosis of mucopolysaccharidosis type I (Hurler's disease) is not possible by electron microscopy of uncultured amniotic fluid cells. Hug G, et al. **J Med Genet** 1984 Oct;21(5):359-63

Chorion biopsy for prenatal testing in Hunter's syndrome [letter] Harper PS, et al. **Lancet** 1984 Oct 6;2(8406):812-3

Prenatal diagnosis of mucopolysaccharidosis I: A special difficulty arising from an unusually low enzyme activity in mother's cells. Gatti R, et al. **Prenat Diagn** 1985 Mar-Apr;5(2):149-54

DRUG THERAPY

Clinical and biochemical effects of long-term vitamin A administration to a patient with Hurler-Scheie compound. Wannmacher CM, et al. **Braz J Med Biol Res** 1984; 17(1):43-7

ENZYMOLOGY

Fluorometric assay of alpha-L-iduronidase in serum for detection of affected and carrier animals in a canine model of mucopolysaccharidosis I. Shull RM, et al. **Clin Chem** 1985 Jun;31(6):826-7

FAMILIAL & GENETIC

The clinical spectrum of alpha-L-iduronidase deficiency. Roubicek M, et al. **Am J Med Genet** 1985 Mar;20(3):471-81 (41 ref.)

Genetic complementation analysis in somatic cell hybrids of alpha-L-iduronidase deficient cells. Wehnert M, et al. **Hum Genet** 1985;69(3):287

[Sex-related neurologic diseases. Hunter's disease. Lesch-Nyhan syndrome] Nieto Barrera M. **An Esp Pediatr** 1984 Oct;21 Suppl 20:47-50 **(Spa)**

PATHOLOGY

Histopathological studies of the temporal bones in Hurler's disease [mucopolysaccharidosis (MPS) IH]. Friedmann I, et al. **J Laryngol Otol** 1985 Jan;99(1):29-41

[Hurler's disease type 1 occurring in adulthood. Apropos of a case] Coutand A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):383-5 **(Fre)**

RADIOGRAPHY

The stylohyoid ligament in Hurler syndrome and related conditions: comparison with normal children. Oestreich AE. **Radiology** 1985 Mar;154(3):665-6

LIPODYSTROPHY

CHEMICALLY INDUCED

[Lipodystrophy appearing during treatment with monocomponent insulin] De Mattia G, et al. **Clin Ter** 1984 Oct 31;111(2):169-70 (Eng. Abstr.) **(Ita)**

[Lipodystrophy in children and adolescents with diabetes mellitus] Tebuev AM. **Pediatriia** 1984 Dec;(12):59-60 **(Rus)**

COMPLICATIONS

Myasthenia gravis associated with lipodystrophy. Arai M, et al. **Jpn J Med** 1985 Feb;24(1):50-2

[Anesthesia for a patient with Nasu-Hakola's disease] Amano N, et al. **Masui** 1984 Dec;33(12):1389-91 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Gowers local panatrophy. Montagna P, et al. **Ital J Neurol Sci** 1984 Dec;5(4):457-9

[Partial lipodystrophy syndrome (Dunnigan type)] Hook B, et al. **Hautarzt** 1984 Oct;35(10):530-5 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of partial lipodystrophies] Hook B. **Z Hautkr** 1984 Sep 1;59(17):1188-90 (Eng. Abstr.) **(Ger)**

[Barraquer-Simons syndrome] Liashchuk PM. **Klin Med (Mosk)** 1984 Oct;62(10):130-1 **(Rus)**

FAMILIAL & GENETIC

[Sibling cases with lipodystrophic skin change, muscular atrophy, recurrent skin eruptions, and deformities and contractures of the joints. A possible new clinical entity] Yamada S, et al. **Rinsho Shinkeigaku** 1984 Jul;24(7):703-10 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Membranous lipodystrophy (Nasu disease): clinical and neuropathological study of a case. Minagawa M, et al. **Clin Neuropathol** 1985 Jan-Feb;4(1):38-45

Lipoatrophia semicircularis. Report of a case. Ayala F, et al. **Dermatologica** 1985;170(2):101-3

Partial (localized) lipodystrophy. Report of a case with muscle and skin abnormalities. Afifi AK, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 2):198-203

[An autopsy case of membranous lipodystrophy (Nasu)] Takeshima M, et al. **No To Shinkei** 1984 Oct;36(10):975-82 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Lipodystrophia centrifugalis abdominalis infantilis. A follow-up study. Imamura S, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):203-9

SURGERY

Lipodystrophy: a case report of partial lipodystrophy. Zafarulla MY. **Br J Oral Maxillofac Surg** 1985 Feb; 23(1):53-7

THERAPY

Insulin-induced lipodystrophy in diabetic patients resolved by treatment with human insulin. Valenta LJ, et al. **Ann Intern Med** 1985 Jun;102(6):790-1

LIPODYSTROPHY, INTESTINAL

BLOOD

Monocyte procoagulant activity in Whipple's disease. Ottaway CA, et al. **J Clin Immunol** 1984 Sep;4(5):348-58

COMPLICATIONS

Severe pulmonary hypertension in a patient with Whipple's disease. Morrison DA, et al. **Am J Med** 1985 Aug; 79(2):263-7

[Osteoarticular lesions in Whipple's disease. Apropos of a destructive form and review of the literature] Madoule P, et al. **J Radiol** 1985 May;66(5):345-50 (Eng. Abstr.) **(Fre)**

[A case of digestive hemorrhage caused by Whipple's disease] Serras AC, et al. **Acta Med Port** 1984 Nov-Dec; 5(11-12):323-5 (Eng. Abstr.) **(Por)**

DIAGNOSIS

Whipple-like disease in AIDS [letter] Kooijman CD, et al. **Histopathology** 1984 Jul;8(4):705-8

[Whipple's disease in Western Switzerland between 1960 and 1983. Observation of a case, comparison of a series of 11 cases diagnosed in Western Switzerland between 1960 and 1983 with data from the literature] Salomoni I. **Rev Med Suisse Romande** 1984 Sep;104(9):655-66 **(Fre)**

[Whipple disease: clinical and immunohistologic findings in 2 cases] Stoinov SG, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(5):232-40 (Eng. Abstr.) **(Ger)**

[Mesenteric lipodystrophy: differential diagnosis of a benign abdominal tumor] Janisch HD, et al. **Wien Med Wochenschr** 1984 Sep 30;134(18):417-9 (Eng. Abstr.) **(Ger)**

[Whipple's disease. Apropos of a case diagnosed by endoscopic duodenal biopsy] Cavanenghi D, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):347-9 (Eng. Abstr.) **(Ita)**

[Case of Whipple's disease] Sajewicz Z, et al. **Wiad Lek** 1985 Apr 15;38(8):596-9 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Response of the acute-phase reactants, C-reactive protein and serum amyloid A protein, to antibiotic treatment of Whipple's disease. Reed JI, et al. **Arthritis Rheum** 1985 Mar;28(3):352-5

Antibiotic treatment and relapse in Whipple's disease. Long-term follow-up of 88 patients. Keinath RD, et al. **Gastroenterology** 1985 Jun;88(6):1867-73

IMMUNOLOGY

Immunocytochemistry in the diagnosis of Whipple's disease. Evans DJ, et al. **J Clin Pathol** 1985 Apr;38(4):372-4

Association of Whipple's disease with HLA-B27 [letter] Feurle GE. **Lancet** 1985 Jun 8;1(8441):1336

MICROBIOLOGY

Ultrastructure of bacilli and the bacillary origin of the macrophagic inclusions in Whipple's disease. Silva MT, et al. **J Gen Microbiol** 1985 May;131 (Pt 5):1001-13

Testicular lesions in Whipple's disease. James TN, et al. **J Lab Clin Med** 1985 Mar;105(3):359-67

PATHOLOGY

Vascular lesions of the gastrointestinal system in Whipple's disease. James TN, et al. **Am J Med Sci** 1984 Oct; 288(3):125-9

Lymph-vessel embolism in a case of Whipple's disease. Adams CW, et al. **Histopathology** 1985 Jan;9(1):109-15

Pleuropulmonary Whipple's disease. Pollock JJ. **South Med J** 1985 Feb;78(2):216-7

[Hepatic granulomatous localizations in Whipple's disease. Apropos of 2 cases] Brisseau JM, et al. **Arch Anat Cytol Pathol** 1984;32(6):361-4 (Eng. Abstr.) **(Fre)**

[Immunologic and electron microscopic findings in an unusual case of Whipple's disease] Stock KP, et al. **Klin Wochenschr** 1985 Feb 15;63(4):176-83 (Eng. Abstr.) **(Ger)**

[Whipple's disease; postmortem diagnosis again] Kendrey G, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):203-10 (Eng. Abstr.) **(Hun)**

RADIOGRAPHY

[Malignant-appearing retroperitoneal lymphography findings in Whipple's disease--a source of possible misdiagnosis] Chételat CA, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):364-8 (Eng. Abstr.) **(Ger)**

LIPOFUSCIN see under **PIGMENTS**

LIPOIC ACID

ANALOGS & DERIVATIVES

Cytosolic cofactors and dihydrolipoamide stimulate hepatic microsomal 5'-deiodination. Sawada K, et al. **Endocrinology** 1985 Sep;117(3):1259-63

[Effect of diethyllipoamide on DNA damage and repair of gamma-irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261-4 (Eng. Abstr.) **(Chi)**

[Effect of diethyllipoamide on DNA damage and repair of gamma-irradiated mouse bone marrow cells] Xia SX, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):261-4 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

Isolation of a bioemulsifier from Candida lipolytica. Cirigliano MC, et al. **Appl Environ Microbiol** 1984 Oct; 48(4):747-50

METABOLISM

Antimicrobial effects of cefotaxime as studied by the potentiometric measurement of lipoic acid reduction in Escherichia coli cultures. Junter GA, et al. **J Antimicrob Chemother** 1985 Jun;15(6):685-93

[Effect of pyruvate dehydrogenase coenzymes and mitochondrial proteins on the accumulation of [35S]lipoic acid] Rozanov AIa, et al. **Ukr Biokhim Zh** 1985 May-Jun; 57(3):71-4 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[Demonstration of hormonal actions on Escherichia coli K 12 by potentiometry in the presence of lipoic acid; correlation with measurements of microbial growth and glucose consumption] Sélégny A, et al. **C R Soc Biol (Paris)** 1984;178(6):722-9 (Eng. Abstr.) **(Fre)**

[Thioctic acid in the prevention of the toxic effects of benznidazole (letter)] Pérez Lloret A, et al. **Medicina (B Aires)** 1984;44(1):108 **(Spa)**

PHYSIOLOGY

Possible involvement of lipoic acid in binding protein-dependent transport systems in Escherichia coli. Richarme G. **J Bacteriol** 1985 Apr;162(1):286-93

THERAPEUTIC USE

[Diabetic autonomic neuropathy of the heart and its treatment with thioctic acid] Studt J, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(4):173-80 (Eng. Abstr.) **(Ger)**

LIPOIDOSIS

CHEMICALLY INDUCED

Acute hypokalaemic myopathy with lipid storage during chlortalidone therapy. Lovaste MG, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):424-31

Increased hepatic density and phospholipidosis due to amiodarone. Goldman IS, et al. **AJR** 1985 Mar;144(3):541-6

Lipidosis-like alterations in cultured macrophages exposed to local anaesthetics. Jägel M, et al. **Arch Toxicol** 1984 Oct;55(4):229-32

Prevention of chlorphentermine-induced pulmonary phospholipidosis in rats by phenobarbital. Reasor MJ, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):192-6

Recovery from amiodarone-induced lipidosis in laboratory animals: a toxicological study. Mazue G, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):992-9

Gentamicin or chlorphentermine induction of phospholipidosis in the developing organism: role of tissue and species in manifestation of toxicity. Kacew S. **J Pharmacol Exp Ther** 1985 Jan;232(1):239-43

DIAGNOSIS

[Urbach-Wiethe disease and ocular lesions. Apropos of a case] Ravault MP, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):869-70, 873-4 (Fre)

[Hyalinosis cutis et mucosae: report of a case] Asseis EA, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):384-7 (Eng. Abstr.) **(Por)**

DRUG THERAPY

On the hypolipemic properties of bendaline. Marmo E, et al. **J Med** 1984;15(2):105-25

ENZYMOLOGY

[Value of studying isoenzymes in hereditary lysosomal lipidoses. In particular beta-glucosidase (Gaucher's disease) and acid lipase (Wolman's disease and cholesterol ester storage disease)] Douste-Blazy L, et al. **Bull Acad Natl Med (Paris)** 1985 Jan;169(1):58-65 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Hyalinosis cutis et mucosae in siblings. Haneke E, et al. **Hum Genet** 1984;68(4):342-5

Ophthalmoplegic neurolipidosis--storage cells in heterocygotes. Frank U, et al. **Neuropediatrics** 1985 Feb;16(1):3-6

Successful carnitine treatment in two siblings having lipid storage myopathy with hypertrophic cardiomyopathy. Matsuishi T, et al. **Neuropediatrics** 1985 Feb;16(1):6-12

METABOLISM

Lipoid proteinosis: an inherited disorder of collagen metabolism? Harper JI, et al. **Br J Dermatol** 1985 Aug;113(2):145-51

The hyalinosis-associated 90 kD glycoprotein of human skin has lectin-like characteristics. Maury CP, et al. **Med Biol** 1985;63(1):18-20

PATHOLOGY

Lipoid proteinosis. Ramsey ML, et al. **Int J Dermatol** 1985 May;24(4):230-2

[Cutaneous-mucous hyalinosis (Urbach-Wiethe disease). Histologic and ultrastructural study of a case] Brocheriou C, et al. **Ann Pathol** 1984 Sep-Nov;4(4):297-303 (Eng. Abstr.) **(Fre)**

[A new case of Urbach-Wiethe disease. Electron-microscopy study] Payan MJ, et al. **Ann Pathol** 1984 Sep-Nov;4(4):313-5 (Eng. Abstr.) **(Fre)**

[Morphologic and histochemical studies of the development of chloroquine-induced storage disease in the semilunar ganglion of the rat] Dietzmann K, et al. **Acta Histochem (Jena)** 1985;76(1):37-47 (Eng. Abstr.) **(Ger)**

[Ultrastructural findings in secondary lipoidosis of the cornea] Kulnig W, et al. **Klin Monatsbl Augenheilkd** 1985 Feb;186(2):82-6 (Eng. Abstr.) **(Ger)**

[Hyalinosis cutis et mucosae. Lipoid proteinosis, Urbach-Wiethe disease] Jensen P, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):428-30 (Eng. Abstr.) **(Nor)**

RADIOGRAPHY

Erdheim-Chester disease: computed tomography in two cases. Sherman JL, et al. **AJNR** 1985 May-Jun;6(3):444-5

Radiological findings in lipoid proteinosis. Yakout YM, et al. **J Laryngol Otol** 1985 Mar;99(3):259-65

VETERINARY

Hepatic-lipidosis in a post parturient mare. Murray M. **Equine Vet J** 1985 Jan;17(1):68-9

LIPOIDPROTEINOSIS see under **LIPOIDOSIS**

LIPOLYSIS

Lipolytic activity in the placentas of chronically deprived fetuses. Biale Y. **Acta Obstet Gynecol Scand** 1985;64(2):111-4

Effect of certain factors modifying the lipid-mobilizing activity in vitro in the serum of rats during hypothermia. Gryczka-Dziadecka A, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):501-5

A lipolytic factor from the submaxillary salivary glands of the rat. Zimowska-Modelewska U. **Acta Physiol Pol** 1984 Jan-Feb;35(1):15-22

Seasonal changes in lipogenesis and lipolysis in isolated adipocytes from Svalbard and Norwegian reindeer. Larsen TS, et al. **Acta Physiol Scand** 1985 Jan;123(1):97-104

Regulation of rates of lipolysis in isolated myocardial cells from rat heart. Kryski A Jr, et al. **Adv Myocardiol** 1985;6:195-204

Potpourri of lipid tissue: literature peregrinations. Wood RW Jr. **Aesthetic Plast Surg** 1984;8(4):247-51

Age-related decrement in hormone-stimulated lipolysis. Hoffman BB, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E772-7

cAMP metabolism and lipolysis in brown adipocytes of hamsters consuming a cafeteria diet. Schimmel RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E224-9

Comparative chemical and immunological characterization of five lipolytic enzymes (carboxylesterases) from rat liver microsomes. Mentlein R, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):612-21

Post-heparin lipolytic activities and alterations of the chemical composition of high density lipoproteins in alcohol-induced type V hyperlipidemia. Breier C, et al. **Atherosclerosis** 1984 Sep;52(3):317-27

Lipolytic activity of crude or partially purified lipase of the mouse mammary gland at various substrate concentrations. Anzai T, et al. **Biochem Int** 1983 May;6(5):635-41

Gastric lipolysis of milk lipids in suckling rats. Bitman J, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):58-64

An in vitro model to study lipolysis of rat hepatic very low density lipoprotein using cardiac lipoprotein lipase. Brissette L, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1076-80

Regulation of ketogenesis by epinephrine and norepinephrine in the overnight-fasted, conscious dog. Steiner KE, et al. **Diabetes** 1985 May;34(5):425-32

Effects of exercise-training and detraining on fat cell lipolysis in men and women. Després JP, et al. **Eur J Applied Physiol** 1984;53(1):25-30

Influence of fasting on lipolytic response to adrenergic agonists and on adrenergic receptors in subcutaneous adipocytes. Ostman J, et al. **Eur J Clin Invest** 1984 Oct;14(5):383-91

Changes in lipolytic activity of isolated adipocytes from rats throughout life span. Gommers A, et al. **Gerontology** 1985;31(2):76-83

Indirect evidence against a contribution of the guanine nucleotide-binding inhibitory component of adenylate cyclase to impaired lipolysis in the epididymal adipose tissue of congenitally obese (ob/ob) mice. Dehaye JP, et al. **Horm Metab Res** 1985 Jul;17(7):333-6

Metabolic and hormonal response to short term fasting after endurance training in the rat. Guezennec CY, et al. **Horm Metab Res** 1984 Nov;16(11):572-5

Impaired hormonal regulation of lipolysis and the interference with adenosine in adipose tissue from hyperglycemic sand rats in vitro. Knospe S, et al. **Horm Metab Res** 1984 Jul;16(7):349-53

Role of protein kinase and contractile force in the regulation of myocardial lipolysis. Rabin RA, et al. **Horm Metab Res** 1984 Sep;16(9):465-7

Effects of four-day fast on triglyceride mobilization in human adipocytes. Andrews J, et al. **Int J Obes** 1984;8(4):355-63

Mechanisms of enhancement of cholesteryl ester transfer protein activity by lipolysis. Sammett D, et al. **J Biol Chem** 1985 Jun 10;260(11):6687-97

Catabolism of very low density lipoproteins in experimental nephrosis. Garber DW, et al. **J Clin Invest** 1984 Oct;74(4):1375-83

Lipolysis and the distribution of lipase activity in bovine milk in relation to stage of lactation and time of milking. Ahrné L, et al. **J Dairy Res** 1985 Feb;52(1):55-64

Relation of enterotoxin production and lipolytic activity in Staphylococcus aureus strains isolated from acute diarrhoeal diseases to clinical course of illness. Sourek J, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):279-86

Lipolytic stimulation modulates the subcellular distribution of hormone-sensitive lipase in 3T3-L1 cells. Hirsch AH, et al. **J Lipid Res** 1984 Jul;25(7):665-77

Hormonal regulation of adipose S-100 protein release. Suzuki F, et al. **J Neurochem** 1984 Nov;43(5):1336-41

Comparative in vivo and in vitro studies of phenytoin protein binding and in vitro lipolysis in plasma of pregnant and nonpregnant rats. Chou RC, et al. **J Pharm Sci** 1984 Aug;73(8):1121-4

The role of calmodulin in hormone-stimulated lipolysis. Kawai A. **Metabolism** 1985 Apr;34(4):303-8

Physiologic concentrations of beta-lipotropin stimulate lipolysis in rabbit adipocytes. Richter WO, et al. **Metabolism** 1985 Jun;34(6):539-43

Lipogenesis and lipolysis in fed and fasted chicks from high and low body weight lines. Calabotta DF, et al. **Poult Sci** 1985 Apr;64(4):700-4

Stimulated protein kinase activity during acute pancreatitis in rats. Possible mediation by proteolysis, lipolysis, and bile salts. Holian O, et al. **Scand J Gastroenterol** 1985 Jun;20(5):617-22

[Lipolytic activity of Candida utilis in relation to different substrates] Miteva E, et al. **Acta Microbiol Bulg** 1984;15:56-61 (Eng. Abstr.) **(Bul)**

[Level of lipolysis and the contractile function of the intact myocardium] Frolov VA, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):24-8 (Eng. Abstr.) **(Rus)**

[The role of lipolysis and lipid peroxidation in the induction of ion transport in mitochondria after freezing and thawing] Petrenko AIu, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):656-60 (Eng. Abstr.) **(Rus)**

[Hydrogen peroxide, the 2d messenger for insulin action on the metabolism of glucose and fat bodies in adipose tissue. Its effects on adrenaline lipolysis] Llamas R. **Gac Med Mex** 1984 Mar;120(3):109-12 **(Spa)**

[Adipose tissue metabolism in the menopause] Chiappe de Cingolani GE, et al. **Medicina (B Aires)** 1984;44(1):29-33 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Long-term beta 1-selective adrenergic blockade and adrenergic receptors in human subcutaneous adipocytes. Wahrenberg H, et al. **Acta Med Scand** 1985;217(5):539-46

Hemodialysis and cell toxicity in vitro related to plasma triglycerides, post-heparin lipolytic activity and free fatty acids. Wessel-Aas T, et al. **Acta Med Scand** 1984;216(1):75-83

Stimulation of lipolysis in rat heart myocytes by isoproterenol. Kryski A Jr, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H208-16

Effects of celiprolol (REV 5320), a new cardioselective beta-adrenoceptor antagonist, on in vitro adenylate cyclase, alpha- and beta-adrenergic receptor binding and lipolysis. Van Inwegen RG, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):40-55

Pertussis toxin reversal of the antilipolytic action of insulin in rat adipocytes in the presence of forskolin does not involve cyclic AMP. Mills I, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1059-65

A comparison of the growth-promoting, lipolytic, diabetogenic and immunological properties of pituitary and recombinant-DNA-derived bovine growth hormone (somatotropin). Hart IC, et al. **Biochem J** 1984 Nov 15;224(1):93-100

Rate-limiting steps in isoproterenol and forskolin stimulated lipolysis. Allen DO. **Biochem Pharmacol** 1985 Mar 15;34(6):843-6

Prostacyclin and lipolysis in rat fat cells. Gaion RM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3793-8

The development of tolerance to antilipolytic agents in rats. Myles DD, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):269-74

The development of tolerance to antilipolytic agents by isolated rat adipocytes. Stratton GD, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):275-9

The biological activity of duck 'big' somatostatin on chicken adipose tissue. Di Scala-Guenot D, et al. **Biochim Biophys Acta** 1985 May 30;845(2):261-4

Effects of antilipolytic agents on rat liver peroxisomes and peroxisomal oxidative activities. Locci Cubeddu T, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):96-104

Atypical characteristics of the beta-adrenoceptor mediating cyclic AMP generation and lipolysis in the rat adipocyte. Bojanic D, et al. **Br J Pharmacol** 1985 Jan;84(1):131-7

Effects of acipimox, a nicotinic acid derivative, on lipolysis in human adipose tissue and on cholesterol synthesis in human jejunal mucosa. Stirling C, et al. **Clin Sci** 1985 Jan;68(1):83-8

Horseshoe crab (Limulus polyphemus) lectin but not garden snail (Helix pomatia) lectin elicits insulin-like activities in vitro. Ng TB, et al. **Comp Biochem Physiol [B]** 1985;81(2):503-4

Epidermal and nerve growth factors manifest antilipolytic and lipogenic activities in isolated rat adipocytes. Ng TB, et al. **Comp Biochem Physiol [B]** 1985;81(3):687-9

Absence of alpha-adrenergic inhibition of lipolysis in swine adipose tissue. Mersmann HJ. **Comp Biochem Physiol [C]** 1984;79(1):165-70

Antilipolytic action of insulin: role of cAMP phosphodiesterase activation. Elks ML, et al. **Endocrinology** 1985 May;116(5):2119-21

Effects of thyroid hormone on regulation of lipolysis and adenosine 3',5'-monophosphate metabolism in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1985 Sep;117(3):947-53

Selective effects of phosphodiesterase inhibitors on different phosphodiesterases, adenosine 3',5'-monophosphate metabolism, and lipolysis in 3T3-L1 adipocytes. Elks ML, et al. **Endocrinology** 1984 Oct;115(4):1262-8

Hormonal control of lipolysis in perifused adipocytes from diabetic rats. Solomon SS, et al. **Endocrinology** 1985 Oct;117(4):1350-4

Adrenergic regulation of lipolysis in abdominal adipocytes of obese subjects during caloric restriction: reversal of catecholamine action caused by relief of endogenous inhibition. Kather H, et al. **Eur J Clin Invest** 1985 Feb;15(1):30-7

The antilipolytic effect of insulin does not require adenylate cyclase or phosphodiesterase action. Gabbay RA, et al. **FEBS Lett** 1985 Jan 1;179(1):7-11

Comparative effects of cholera and Bordetella pertussis toxins on cyclic AMP and GTP levels and on lipolysis in rat adipocytes incubated in vitro. Lambert B, et al. **FEBS Lett** 1985 Feb 25;181(2):390-6

Effects of tiadenol and clofibrate on plasma post heparin lipolytic hepatic, extrahepatic and monoglyceride hydrolase activities in rats with hypertriglyceridemia induced by a sucrose rich diet. Gutman R, et al. **Horm Metab Res** 1985 Apr;17(4):169-75

Peptide hormones and lipolysis in rabbit adipocytes. Richter WO, et al. **Horm Metab Res** 1985 Mar;17(3):127-30

Enhancement in cholesterol-esterase activity and lipolysis due to 17 beta-estradiol treatment in rat adipose tissue. Tomita T, et al. **Horm Metab Res** 1984 Oct;16(10):525-8

Apolipoprotein effects on the lipolysis of perfused triglyceride by heparin-immobilized milk lipase. Clark AB, et al. **J Biol Chem** 1985 Apr 25;260(8):4778-83

Decrease of prostaglandin E2 receptor binding is accompanied by reduced antilipolytic effects of prostaglandin E2 in isolated rat adipocytes. Richelsen B, et al. **J Lipid Res** 1985 Jan;26(1):127-34

Lack of desensitization of alpha-2-mediated inhibition of lipolysis in fat cells after acute and chronic treatment with clonidine. Villeneuve A, et al. **J Pharmacol Exp Ther** 1985 May;233(2):433-40

In vitro effect of thyroid hormones on lipolysis of rat fat cells during aging. Delhaye M, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):337-41

Highly purified human growth hormone fails to stimulate lipolysis in rabbit adipocytes in vitro or in rabbits in vivo. Bowden CR, et al. **Metabolism** 1985 Mar;34(3):237-43

Lipolysis and the antilipolytic effect of insulin in adipocytes from rats adapted to a high-protein diet. Kettelhut IC, et al. **Metabolism** 1985 Jan;34(1):69-73

Bilateral lesions of the SCN abolish lipolytic and hyperphagic responses to 2DG. Yamamoto H, et al. **Physiol Behav** 1984 Jun;32(6):1017-20

Effect of oestradiol on catecholamine-stimulated lipolysis. Lincová D, et al. **Physiol Bohemoslov** 1984;33(4):342-52

Prostaglandins, alpha-adrenergic receptors and lipolysis in hamster fat cells. Tan S, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):117-23

Enzymatic microdetermination of free fatty acids in plasma of animals using paraoxon to prevent lipolysis. Degen AJ, et al. **Scand J Clin Lab Invest** 1985 May;45(3):283-5

[Postoperative insulin resistance of lipolysis and ketogenesis using the glucose clamp technic] Jauch KW, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):271-4 (Eng. Abstr.) **(Ger)**

[Distinct increase of plasma concentrations of high-density lipoprotein 2 and post-heparin lipolytic activity by constant moderate alcohol intake] Breier C, et al. **Schweiz Med Wochenschr** 1984 Dec 22;114(51):1930-2 (Eng. Abstr.) **(Ger)**

[Effect of thyroid hormones on noradrenaline-stimulated lipolysis in obesity] Ventz M, et al. **Z Gesamte Inn Med** 1984 Jun 15;39(12):282-4 (Eng. Abstr.) **(Ger)**

[Inhibition of lipoprotein lipolysis by polyarginine and evaluation of the mechanism of its interaction with lipoprotein lipase] Klimov AN, et al. **Biokhimiia** 1985 May;50(5):804-13 (Eng. Abstr.) **(Rus)**

[Antilipolytic activity in vitro of various analogs of nicotinic acid. Structure-activity relationship] Garcia-Mina JM, et al. **Rev Esp Fisiol** 1984 Jun;40(2):177-81 (Eng. Abstr.) **(Spa)**

[Lipolytic effect of serotonin in vitro] Martínez-Conde A, et al. **Rev Esp Fisiol** 1984 Jun;40(2):213-9 (Eng. Abstr.) **(Spa)**

LIPOMA

Lipoma of the esophagus. Peiser J, et al. **Isr J Med Sci** 1984 Nov;20(11):1068-70

Obstructing lipomas of the esophagus and ileocecal valve [letter] Ovnat A, et al. **J Clin Gastroenterol** 1985 Jun;7(3):279-80

Benign fibrous tumors of lung: a brief review and review of five cases. Potts C, et al. **Nebr Med J** 1984 Sep;69(9):291-4

Diagnosis and management of renal angiomyolipoma. Pode D, et al. **Urology** 1985 May;25(5):461-7

[Pedunculated lipoma of the colon: description of an asymptomatic case] Banchini E, et al. **Acta Biomed Ateneo Parmense** 1984;55(3-4):163-5 (Eng. Abstr.) **(Ita)**

[Endobronchial lipomas] Briani G, et al. **Chir Ital** 1982 Dec;34(6):841-9 (Eng. Abstr.) **(Ita)**

[A case of renal angiomyolipoma in pregnancy] Pozzi V, et al. **Minerva Ginecol** 1985 Apr;37(4):147-52 (Eng. Abstr.) **(Ita)**

[A case of hibernoma of the neck] Narożny W, et al. **Otolaryngol Pol** 1984;38(5):453-5 (Eng. Abstr.) **(Pol)**

BLOOD SUPPLY

'Macro' aneurysm in renal angiomyolipoma: two cases, with therapeutic embolization in one patient. Adler J, et al. **Urol Radiol** 1984;6(3-4):201-3

Management of bleeding renal angiomyolipomas by transcatheter embolization following CT diagnosis. Zerhouni EA, et al. **Urol Radiol** 1984;6(3-4):205-9

CHEMICALLY INDUCED

Lymphomatous meningitis and steroid-induced epidural lipomatosis: CT evaluation. Pennisi AK, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):595-8

Pericardial pseudoeffusion due to steroid-induced lipomatosis. Mulrow CD, et al. **NC Med J** 1985 Mar;46(3):179-80

COMPLICATIONS

Bleeding lipomas of the upper gastrointestinal tract. A diagnostic challenge. Agha FP, et al. **Am Surg** 1985 May;51(5):279-85

Posterior interosseous nerve syndrome caused by an intermuscular lipoma. Pidgeon KJ, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):468-71

Intracranial lipomas, hydrocephalus and other CNS anomalies in oculoauriculo-vertebral dysplasia (Goldenhar-Gorlin syndrome). Aleksic S, et al. **Childs Brain** 1984;11(5):285-97

Fronto-nasal dysplasia and lipoma of the corpus callosum. Pascual-Castroviejo I, et al. **Eur J Pediatr** 1985 May;144(1):66-71

Spontaneous rupture of renal angiomyolipoma. Report of three cases. Nativ O, et al. **Eur Urol** 1984;10(5):345-6

Intraoral lipoma. A rare cause of dysphagia. Larsen K, et al. **J Laryngol Otol** 1984 Oct;98(10):1041-2

Middle-ear lipoma presenting as airways obstruction: case report and review of literature. Stegehuis HR, et al. **J Laryngol Otol** 1985 Jun;99(6):589-91

Computerized tomographic demonstration of inferior vena caval tumor thrombus from renal angiomyolipoma. Brantley RE, et al. **J Urol** 1985 May;133(5):836-7

Angiomyelolipoma associated with bilateral adrenocortical hyperplasia and hypertension. Escuin F, et al. **J Urol** 1985 Apr;133(4):655-7

Late neurological dysfunction in adult lumbosacral lipoma with tethered cord. Balagura S. **Neurosurgery** 1984 Nov;15(5):724-6

Sylvian lipoma causing auditory hallucinations: case report. Dyck P. **Neurosurgery** 1985 Jan;16(1):64-7

Congenital bone anomalies associated with lipomas. Sauer JM, et al. **Skeletal Radiol** 1985;13(4):276-9

[Gastric lipoma: a rare cause of upper digestive hemorrhage] Giraud F, et al. **Ann Chir** 1985 Jun;39(5):333-4 (Eng. Abstr.) **(Fre)**

[Epidural angiolipoma: a rare and curable cause of spinal cord compression] Pasquier B, et al. **Ann Pathol** 1984 Dec;4(5):365-9 (Eng. Abstr.) **(Fre)**

[Tumors of the kidney and pregnancy] Dumas JP, et al. **Ann Urol (Paris)** 1984 Sep;18(5):339-41 (Eng. Abstr.) **(Fre)**

[Chronic lymphocytic leukemia, erythroblastopenia, thymolipoma (clinical conference)] Lebrun E, et al. **Nouv Rev Fr Hematol** 1985;27(1):29-37 (Eng. Abstr.) **(Fre)**

[Tethered conus syndrome or fixed spinal cord syndrome. Lumbosacral lipomas] Lapras C, et al. **Rev Neurol (Paris)** 1985;141(3):207-15 (Eng. Abstr.) **(Fre)**

[Angiomyolipoma of the kidneys in Bourneville-Pringle disease] Weber M, et al. **Klin Wochenschr** 1984 Oct 1;62(19):920-4 (Eng. Abstr.) **(Ger)**

[Retroperitoneal hematoma caused by a renal angiomyolipoma (review of the literature and diagnostic-therapeutic considerations)] Felici E, et al. **Chir Ital** 1984 Feb;36(1):49-57 (41 ref.) (Eng. Abstr.) **(Ita)**

[Jejunal lipoma complicated by triple intussusception] Kropacz J, et al. **Wiad Lek** 1985 May 1;38(9):662-4 (Eng. Abstr.) **(Pol)**

[Strangulated hernia of the xiphoid process in a patient with severe heart disease] Pshukov SI, et al. **Vestn Khir** 1985 Jan;134(1):75-6 **(Rus)**

CONGENITAL

Surgically confirmed myelographic classification of congenital intraspinal lipoma in the lumbosacral region. Sato K, et al. **Childs Nerv Syst** 1985;1(1):3-11

[Encephalocraniocutaneous lipomatosis and linear naevus sebaceus] Schlack HG, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):235-7 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Lipoma of the colon. A report of 22 cases. Michowitz M, et al. **Am Surg** 1985 Aug;51(8):449-54

Intra abdominal lipoma. Cullen KW. **Br J Clin Pract** 1985 Apr;39(4):163-4

Adrenal myelolipoma diagnosis by computed-tomography-guided fine-needle aspiration. A case report. deBlois GG, et al. **Cancer** 1985 Feb 15;55(4):848-50

To see or not to see, a difficult question in the ileocaecal region. Kroes H. **Endoscopy** 1984 Sep;16(5):193-6

Two examples of CNS lipomas demonstrated by computed tomography and low field (0.08 T) MR imaging. Kean DM, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):494-6

Angiomyolipoma of the kidney. A report of five cases. Chung SC, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):61-4

Differentiating cervical lipomas from thyroid nodules [letter] Andrews JC, et al. **JAMA** 1985 Oct 4;254(13):1719-20

Cervical lipomas masquerading as thyroid nodules. Leonidas JR, et al. **JAMA** 1985 Mar 8;253(10):1436-7

Primary renal liposarcoma mimicking angiomyolipoma on ultrasonography and conventional radiology. Khan AN, et al. **JCU** 1985 Jan;13(1):58-9

Small hyperechoic nodules of the renal parenchyma. Zappasodi F, et al. **JCU** 1985 Jun;13(5):321-4

Extra-adrenal myelolipoma. Jagadha V, et al. **NY State J Med** 1985 Feb;85(2):60

Renal and hepatic angiomyolipoma. Kreel L. **Postgrad Med J** 1985 Apr;61(714):325-7

Small, asymptomatic angiomyolipomas of the kidney. Bret PM, et al. **Radiology** 1985 Jan;154(1):7-10

Renal angiomyolipoma: definitive diagnosis by ultrasonography and computerized tomography. Daughtry JD, et al. **South Med J** 1985 Feb;78(2):195-7

Idiopathic spinal extradural lipomas: three cases and review of the literature. Marks SM, et al. **Surg Neurol** 1985 Feb;23(2):153-6

Myelolipoma of the adrenal gland. Review of diagnostic problems and surgical intervention. Müller SC, et al. **Urol Int** 1985;40(3):132-7

[Deep lipoma of the limbs. Apropos of 8 cases] Le Saout J, et al. **Ann Chir** 1984 Dec;38(9):667-72 (Eng. Abstr.) **(Fre)**

[Lipomas of the digestive tract. Review of the literature apropos of 5 cases] Bruneton JN, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):27-32 (Eng. Abstr.) **(Fre)**

[A new case of thymolipoma in a child] Tazi M, et al. **Chir Pediatr** 1984;25(6):333-5 (Eng. Abstr.) **(Fre)**

[Angiomyolipoma of the liver. A fortuitous echographic detection (letter)] Grippon P, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):88-9 **(Fre)**

[Myelolipoma of the liver (letter)] Le Néel JC, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):682-3 **(Fre)**

[Fibromyolipoma of the uterus. Apropos of a case with a review of the medical literature] Balaton A, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(4):473-6 (Eng. Abstr.) **(Fre)**

[Efficacy of modern imaging technics in the diagnosis of isolated angiomyolipoma of the kidney. Apropos of 11 cases] Ardaens Y, et al. **J Radiol** 1985 Mar;66(3):189-95 (Eng. Abstr.) **(Fre)**

[Echographic aspects of superficial lipoma] Fornage B. **J Radiol** 1984 Dec;65(12):853-7 (Eng. Abstr.) **(Fre)**

[Adrenal myelolipoma with clinical symptoms (letter)] Laroche M, et al. **Presse Med** 1985 Mar 23;14(12):697 **(Fre)**

[A case of bone lipoma of the femur head] Lemerle R, et al. **Rev Chir Orthop** 1985;71(4):275-7 (Eng. Abstr.) **(Fre)**

[Differential sonographic and computer tomographic diagnosis of angiomyolipoma] Klumair J, et al. **Digitale Bilddiagn** 1985 Jun;5(2):76-9 (Eng. Abstr.) **(Ger)**

[Morgagni's hernia erroneously interpreted as a lipoma] Tschakert H. **Digitale Bilddiagn** 1985 Mar;5(1):16-7 (Eng. Abstr.) **(Ger)**

[Myelolipoma of the adrenal gland] Schreyer T, et al. **Rontgenblatter** 1984 Aug;37(8):292-4 (Eng. Abstr.) **(Ger)**

[Adrenal myelolipoma. Case report] Kühn R, et al. **Urologe [A]** 1985 Jul;24(4):221-4 (Eng. Abstr.) **(Ger)**

[Lipoma of the left ventricle and insulinoma of the pancreas] Goebel N, et al. **Z Kardiol** 1984 Dec;73(12):792-5 (Eng. Abstr.) **(Ger)**

[Lipoma of the corpus callosum] Schwartz M, et al. **Harefuah** 1984 Jul;107(1-2):13-4 (Eng. Abstr.) **(Heb)**

[Clinical comments on a case of retroperitoneal lipoma] Di Mauro S, et al. **Chir Ital** 1985 Feb;37(1):80-92 (Eng. Abstr.) **(Ita)**

[Lipoma of the diaphragm: tomodensitometric diagnosis] Boraschi R. **Radiol Med (Torino)** 1984 Jan-Feb;70(1-2):57-8 **(Ita)**

[Renal angiomyolipoma: report of two cases (including a case with spontaneous rupture)] Amano M, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1813-25 (Eng. Abstr.) **(Jpn)**

[Hibernoma. A rare soft tissue tumor] Fiane AE, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1064-5 (Eng. Abstr.) **(Nor)**

[Case of lipoma of the base of the tongue and hypopharynx] Biliński A, et al. **Otolaryngol Pol** 1985;39(1):73-5 (Eng. Abstr.) **(Pol)**

[Lipoma of the brain stem] Bierzyńska-Macyszyn G, et al. **Wiad Lek** 1985 Feb 1;38(3):237-40 (Eng. Abstr.) **(Pol)**

[Giant lipoma of the anterior mediastinum simulating heart disease] Sardak VG, et al. **Klin Khir** 1984 Oct;(10):62-3 **(Rus)**

[Intra-sinus lipoma] Kazimirov VG, et al. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):68-9 **(Rus)**

[Lipoma of the colon. Apropos of a case] Vincent Hamelin E, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):291-4 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

[Renal angiomyolipoma: report of 2 cases of tuberous sclerosis in female siblings] Kano T, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1057-62 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

[Lipoma in the uterine tube. Is it an rarity--or an overlooked condition?] Nielsen VT. **Ugeskr Laeger** 1984 Sep 24;146(39):2946-7 (Eng. Abstr.) **(Dan)**

PATHOLOGY

Regional lymph node involvement in benign renal angiomyolipoma. Manabe T, et al. **Acta Pathol Jpn** 1984 Jul;34(4):889-93

Myocardial angiolipoma. Kiaer HW. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul; 92(4):291-2

Intramuscular lipoma of the larynx. Chen KT, et al. **Am J Otolaryngol** 1984 Jan-Feb;5(1):71-2

Angiomyolipomas of the liver. Goodman ZD, et al. **Am J Surg Pathol** 1984 Oct;8(10):745-50

Spindle cell lipoma. Fechner RE. **Arch Otolaryngol** 1984 Nov;110(11):766-9

Pleomorphic lipoma. Fechner RE. **Arch Otolaryngol** 1984 Dec;110(12):820-2

Left pontine lipoma. Bonnell HJ, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):570-1

Coelomic fat ectopia in the liver. Wheeler DA, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):783-5

A truly mixed renal tumour. Massey JA. **Br J Urol** 1984 Aug;56(4):437

Fibular lipoma with areas of bone infarct calcification. Lagier R. **Eur J Radiol** 1985 Aug;5(3):226-7

Lipomatous tumors: a correlative cytologic and histologic study of 27 tumors examined by fine needle aspiration cytology. Walaas L, et al. **Hum Pathol** 1985 Jan;16(1):6-18

Hepatic pseudolipoma. Karhunen PJ. **J Clin Pathol** 1985 Aug; 38(8):877-9

The so-called mobile encapsulated lipoma. Kikuchi I, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):410-2

Infiltrating angiolipoma of the hand and wrist. Walling AK, et al. **J Hand Surg [Am]** 1985 Mar;10(2):288-91

Thymolipoma in association with Hodgkin's disease. Pillai R, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):306-8

Infiltrating recurrent renal angiomyolipoma with fatal outcome. Kragel PJ, et al. **J Urol** 1985 Jan;133(1):90-1

Correlation of morphologic and biochemical observations in human lipomas. Solvonuk PF, et al. **Lab Invest** 1984 Oct; 51(4):469-74

Thoracic spinal angiomyolipoma: case report and literature review. von Hanwehr R, et al. **Neurosurgery** 1985 Mar; 16(3):406-11

Benign infiltrative lipomatous lesions [letter] Jagadha V, et al. **NY State J Med** 1984 Dec;84(12):591-2

Lipoma of the parotid gland. Houston GD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):72-4

Benign pedunculated tumours of the hypopharynx. 3 case reports, 1 with late malignant transformation. Laurent C, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):17-21

Benign spindle cell tumour of breast--a variant of spindled cell lipoma or fibroma of breast? Chan KW, et al. **Pathology** 1984 Jul;16(3):331-6

Benign lipoblastoma of the neck [letter] Erdelyi RL, et al. **Plast Reconstr Surg** 1984 Nov;74(5):727-8

Atypical lipomatous hamartoma of the lung. Palvio D, et al. **Virchows Arch [A]** 1985;405(2):253-61

[Tumoral lipomatous nevus. Apropos of a case] N'Diaye B, et al. **Ann Dermatol Venereol** 1984;111(8):737-8 **(Fre)**

[Hibernoma or brown fat tumors. Review of the literature apropos of an intrathoracic localization] Rogeaux Y, et al. **LARC Med** 1984 Dec;4(10):602-6 (Eng. Abstr.) **(Fre)**

[Case report on lipofibromatous hamartoma of the median nerve: neuropathologic report of 2 cases] Schober R, et al. **Acta Neuropathol (Berl)** 1985;66(1):18-23 (Eng. Abstr.) **(Ger)**

[Renal angiomyolipomas. New clinical, diagnostic and therapeutic aspects] Dieckmann KP, et al. **Urologe [A]** 1985 Jul;24(4):202-7 (Eng. Abstr.) **(Ger)**

[Primary soft tissue tumors of the epididymis, paratesticular tissue and spermatic cord] Kosmehl H, et al. **Zentralbl Allg Pathol** 1985;130(1):5-12 (Eng. Abstr.) **(Ger)**

[Pleomorphic lipoma. A light and electron microscopy study] Münchow T, et al. **Zentralbl Allg Pathol** 1985;130(1):13-8 (Eng. Abstr.) **(Ger)**

[Myelolipoma of the adrenal gland] Schneider K, et al. **Zentralbl Chir** 1984;109(17):1136-40 **(Ger)**

[A case of lipoma in a pharyngeal site] Ferrari G, et al. **Acta Biomed Ateneo Parmense** 1984;55(5-6):315-9 (Eng. Abstr.) **(Ita)**

[Anatomo-clinical considerations on 2 cases of hibernoma] Fucini C, et al. **Arch De Vecchi Anat Patol** 1983 Jul; 65(2-3):265-76 (Eng. Abstr.) **(Ita)**

[Passage from the thigh to the retroperitoneum through the obturator foramen of an enormous recurrent lipoma] Uggeri G, et al. **Chir Ital** 1983 Oct;35(5):640-62 (Eng. Abstr.) **(Ita)**

[Deep cervical atypical lipoma] Cagetti M, et al. **Minerva Chir** 1985 Apr 30;40(8):589-93 (Eng. Abstr.) **(Ita)**

[Lipid cell carcinoma of the breast] Santangelo A, et al. **Minerva Med** 1985 Jun 8;76(24):1155-8 (Eng. Abstr.) **(Ita)**

[Hibernoma: description of a case] Bacchini P, et al. **Pathologica** 1984 May-Jun;76(1043):403-7 (Eng. Abstr.) **(Ita)**

[A case report of spindle cell lipoma with a marked myxoid change] Ito M, et al. **Gan No Rinsho** 1985 Feb;31(2):217-21 (Eng. Abstr.) **(Jpn)**

[A case of lipoma of the spermatic cord] Shimazui T, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1665-9 (Eng. Abstr.) **(Jpn)**

[A case of localized folded skin with underlying lipomatosis nevus] Oka K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):997-1001 **(Jpn)**

[A case of cervical spinal cord lipoma with an extension into the posterior fossa] Narazaki O, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1086-90 (Eng. Abstr.) **(Jpn)**

[Value of cytological examinations in the diagnosis of cancer of the large intestine] Depczyńska A. **Pol Tyg Lek** 1984 Apr 16;39(16):537-9 (Eng. Abstr.) **(Pol)**

[Lipoma of the corpus callosum. A case report] Obreja T, et al. **Rev Med Interna [Neurol Psihiatr]** 1985 Jan-Mar; 30(1):19-24 (Eng. Abstr.) **(Rum)**

[Large esophageal lipoma] Korchak AM, et al. **Grudn Khir** 1985 Mar-Apr;(2):83-4 **(Rus)**

[Lipoma of the scrotum] Kinel' AV. **Urol Nefrol (Mosk)** 1985 Jan-Feb;(1):55 **(Rus)**

[Lipomas in the otorhinolaryngology field] Udovički J. **Med Pregl** 1984;37(5-6):247-9 (Eng. Abstr.) **(Scr)**

PHYSIOPATHOLOGY

Myelolipoma of the liver. Rubin E, et al. **Cancer** 1984 Nov 1;54(9):2043-6

Impairment of cardiovascular autonomic reflexes in multiple symmetric lipomatosis. Fedele D, et al. **J Auton Nerv Syst** 1984 Sep;11(2):181-8

RADIOGRAPHY

Intradural spinal lipoma of the cervical cord. Wood BP, et al. **AJR** 1985 Jul;145(1):174-6

Gastric lipomas--an update of clinical presentation, diagnosis, and treatment. Maderal F, et al. **Am J Gastroenterol** 1984 Dec;79(12):964-7

CT diagnosis of duodenal lipoma. Whetstone MR, et al. **Am J Gastroenterol** 1985 Apr;80(4):251-2

Epicardial lipoma: a CT diagnosis. Williamson BR, et al. **Comput Radiol** 1985 May-Jun;9(3):169-71

Lipoma of the esophagus. Zonderland HM, et al. **Diagn Imag Clin Med** 1984;53(5):265-8

Fibroadenolipoma (hamartoma) of the breast: a case report. Kersschot E, et al. **J Belge Radiol** 1984;67(2):133-4

Torsion of lipoma of appendix epiploica: CT evaluation. Farmlett EJ, et al. **J Comput Assist Tomogr** 1985 Mar-Apr; 9(2):366-8

Double discontinuous lipomyelomeningocele: CT findings. Gorey MT, et al. **J Comput Assist Tomogr** 1985 May-Jun; 9(3):584-91

Adenocarcinoma metastatic to the adrenal gland simulating myelolipoma: CT evaluation. Greene KM, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):820-1

Adrenal myelolipoma associated with Conn syndrome: CT evaluation. Whaley D, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):959-60

Computed tomography of diaphragmatic lipoma. Castillo M, et al. **J Comput Tomogr** 1985 Apr;9(2):167-70

Radiological seminar CCXL: case report: CT diagnosis of colon lipomas. Cranston PE. **J Miss State Med Assoc** 1984 Sep;25(9):242-3

Unilateral hyperlucency on chest radiograph. Chillag SA, et al. **J SC Med Assoc** 1984 Dec;80(12):605-7

Renal capsular lipoma. Stone NN, et al. **J Urol** 1985 Jul: 134(1):118-9

Computed tomography of intradural cervical lipoma. Bertolino GC, et al. **Neuroradiology** 1985;27(2):184

Calcaneus lipoma with bone infarct. An anatomico-radiological study. Lagier R. **ROFO** 1985 Apr; 142(4):472-4

Lipoma of chest wall. Case report 326. Dimmock SA, et al. **Skeletal Radiol** 1985;14(2):141-3

Case report 280: intraosseous lipoma of the tibia. Goldman AB, et al. **Skeletal Radiol** 1984;12(3):209-12

Case report 282. Epidural lipoma at the level of T8. Hermann G, et al. **Skeletal Radiol** 1984;12(2):139-41

Lipomas in the corpus callosum and the forehead, associated with a frontal bone defect. Kudoh H, et al. **Surg Neurol** 1984 Nov;22(5):503-8

Cerebellopontine angle lipoma. Rosenbloom SB, et al. **Surg Neurol** 1985 Feb;23(2):134-8

Lipoma in the cerebellopontine angle. Steimlé R, et al. **Surg Neurol** 1985 Jul;24(1):73-6

[Renal angiomyolipoma] Lukkarinen O, et al. **Duodecim** 1984; 100(14):870-6 (Eng. Abstr.) **(Fin)**

[Giant perirenal lipoma. Apropos of a case] Bruneton JN, et al. **J Radiol** 1984 Oct;65(10):713-5 (Eng. Abstr.) **(Fre)**

[An additional case of an interosseous lipoma of the proximal tibia] Manitz U, et al. **Beitr Orthop Traumatol** 1985 Apr; 32(4):204-6 (Eng. Abstr.) **(Ger)**

[Diagnosis of a colonic lipoma with computer tomography] Karnel F, et al. **Rontgenblatter** 1985 Jul;38(7):231-2 (Eng. Abstr.) **(Ger)**

[Intramuscular lipoma of the thigh] Goebel N. **Schweiz Rundsch Med Prax** 1985 Jul 2;74(27):725-7 (Eng. Abstr.) **(Ger)**

[A case of spinal lipoma with the chief complaint of dysuria in an adult and review of the pertinent literature] Uchida K, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Aug; 75(8):1319-25 (Eng. Abstr.) **(Jpn)**

SECRETION

Extradural spinal angiolipoma with secretory activity. An ultrastructural, clinico-pathological study. Bardosi A, et al. **Virchows Arch [A]** 1985;406(2):253-9

SURGERY

Lipoma of the cheek. Report of a case. Piattelli A, et al. **Acta Stomatol Belg** 1984 Dec;81(4):287-91

Abductor digiti minimi muscle flap after tumor resection in the hand. Belsole RJ, et al. **Clin Orthop** 1984 Nov; (190):220-2

Lipoma and fibroma occurring in the same foot. A case report. Chagares WE, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):34-6

A bizarre lipoma of the hallux. Weissinger WJ, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):101-4

Intraosseous lipoma of distal fibula. Biomechanical considerations for successful treatment. Lauf E, et al. **J Am Podiatry Assoc** 1984 Sep;74(9):434-40

Lipofibromas of the median nerve: long-term follow-up of four cases. Louis DS, et al. **J Hand Surg [Am]** 1985 May; 10(3):403-8

Management of lipomyelomeningoceles. Experience at the Hospital for Sick Children, Toronto. Hoffman HJ, et al. **J Neurosurg** 1985 Jan;62(1):1-8

Radical removal of lipomas of the conus and cauda equina with laser microneurosurgery. James HE, et al. **Neurosurgery** 1984 Sep;15(3):340-3

Colonic lipomas: clinical significance and management. McGrew W, et al. **South Med J** 1985 Jul;78(7):877-9

[Angiomyolipoma of the central mediastinum. An apparently undescribed entity] Bertrand G, et al. **Ann Chir** 1984 Dec; 38(9):679-81 (Eng. Abstr.) **(Fre)**

[A new case of a voluminous (10.8 kg) retroperitoneal lipoma] Fodha M, et al. **Tunis Med** 1984 Mar-Apr;62(2):145-8 (Eng. Abstr.) **(Fre)**

[Anterior thoraco-abdominal mediastinal lipoma] Deodato G, et al. **Minerva Chir** 1984 Sep 30;39(18):1205-10 (Eng. Abstr.) **(Ita)**

[Adrenal myelolipoma: a case report] Noguchi T, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):640-4 (Eng. Abstr.) **(Jpn)**

[Benign tumors and cysts of the mediastinum] Vagner EA, et al. **Vestn Khir** 1985 Mar;134(3):3-8 (Eng. Abstr.) **(Rus)**

THERAPY

Hemorrhagic renal angiomyolipoma: superselective renal arterial embolization for preservation of renal function. Sanchez FW, et al. **Cardiovasc Intervent Radiol** 1985; 8(1):39-42

Management of symptomatic renal angiomyolipomas by embolization. Rosen RJ, et al. **Urol Radiol** 1984; 6(3-4):196-200

VETERINARY

Calcium chloride for treatment of subcutaneous lipomas in dogs. Albers GW, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):492-4

External lipomas in three horses. Bristol DG, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):791-2

Infiltrative lipoma in three dogs. Kramek BA, et al. **J Am Vet Med Assoc** 1985 Jan 1;186(1):81-2

Intrathoracic lipoma in a dog. Woolfson JM, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1007-9

Lipoma in channel catfish (Ictalurus punctatus Rafinesque). McCoy CP, et al. **J Wildl Dis** 1985 Jan;21(1):74-6

LIPOMATOSIS

COMPLICATIONS

Large bowel obstruction due to pelvic lipomatosis. Jones DJ, et al. **Br J Surg** 1985 Apr;72(4):309

Lipomatosis of the ileocecal valve causing recurrent small bowel obstruction. Shah IC, et al. **Int Surg** 1985 Jan-Mar; 70(1):81-2

Pelvic lipomatosis causing constriction of the lower urinary tract and the rectum. Case report. Henriksson L, et al. **Scand J Urol Nephrol** 1984;18(3):249-52

[Macrodactyly associated with benign lipoblastomatosis] Colot G, et al. **Ann Chir Main** 1984;3(3):262-5 (Eng. Abstr.) **(Fre)**

[A case of pelvic lipomatosis associated with deep venous thrombosis of the leg. Clinical case and review of the literature] Faenza A, et al. **Minerva Cardioangiol** 1984 Nov; 32(11):803-10 (Eng. Abstr.) **(Ita)**

[Pelvic lipomatosis and thrombosis of the inferior vena cava. Presentation of a case and review of the literature] Estivill X, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):106-10 (Eng. Abstr.) **(Spa)**

[Familial keratosis punctata palmaris et plantaris associated with multiple lipomas (letter)] Gago MJ, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):692 **(Spa)**

DIAGNOSIS

Renal fibrolipomatosis simulating renal pelvic tumour. Kitada S, et al. **Br J Urol** 1984 Apr;56(2):228-9

Lipomatosis and Virchow's metamorphosis in the parotid glands. Grushka M, et al. **Ear Nose Throat J** 1984 Dec; 63(12):599-601

Pancreatic lipomatosis in the Shwachman-Diamond syndrome. Identification by sonography and CT-scan.

Robberecht E, et al. **Pediatr Radiol** 1985;15(5):348-9

[Perivesical lipomatosis: report of 2 cases] Gao JZ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):49-50, 64 (Eng. Abstr.) **(Chi)**

[Pelvic lipomatosis] Debré B. **Ann Urol (Paris)** 1984 Sep; 18(5):293-300 (Eng. Abstr.) **(Fre)**

[Madelung's disease (symmetric lipoma of the the neck)] Nerobeev AI, et al. **Klin Med (Mosk)** 1985 Jan;63(1):121-5 (Eng. Abstr.) **(Rus)**

[Pneumatosis cystoides intestinalis simulating a tumor of the large intestine (1 case)] Potashov LV, et al. **Vopr Onkol** 1985;31(6):110-1 **(Rus)**

FAMILIAL & GENETIC

Variability in the Proteus syndrome: report of an affected child with progressive lipomatosis. Mücke J, et al. **Eur J Pediatr** 1985 Mar;143(4):320-3

METABOLISM

Mediastino-abdominal lipomatosis: deep accumulation of fat mimicking a respiratory disease and ascites. Clinical aspects and metabolic studies in vitro. Enzi G, et al. **Q J Med** 1984 Autumn;53(212):453-63

PATHOLOGY

Alimentary tract ganglioneuromatosis-lipomatosis, adrenal myelolipomas, pancreatic telangiectasias, and multinodular thyroid goiter. A possible neuroendocrine syndrome. Hegstrom JL, et al. **Am J Clin Pathol** 1985 Jun;83(6):744-7

A case of lipogranulomatosis Farber: some clinical and ultrastructural aspects. Burck U, et al. **Eur J Pediatr** 1985 Jan;143(3):203-8

Encephalocraniocutaneous lipomatosis and mixed odontogenic tumors. Savage MG, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):617-20

Benign symmetrical lipomatosis (Madelung's disease). Shugar MA, et al. **Otolaryngol Head Neck Surg** 1985 Feb; 93(1):109-12

[Benign ulcer of the cecum combined with lipomas] Viiachki I. **Khirurgiia (Sofiia)** 1984;37(6):527-9 **(Bul)**

[Round cell liposarcoma. Histopathologic and ultrastructural study of a case developed within the framework of a lipomatosis] Vilmant R, et al. **Ann Pathol** 1984 Dec; 4(5):377-81 (Eng. Abstr.) **(Fre)**

[Recurrence of Madelung's syndrome] Michurin VF, et al. **Klin Khir** 1985 May;(5):62-3 **(Rus)**

[Case of Madelung's syndrome] Zheltov NA. **Klin Med (Mosk)** 1984 Nov;62(11):119-20 **(Rus)**

[Subcutaneous multiple angiolipomas] Holgado Silva CJ, et al. **Rev Clin Esp** 1985 Feb;176(3):152-4 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

CT recognition of intestinal lipomatosis. Ormson MJ, et al. **AJR** 1985 Feb;144(2):313-4

CAT scan of the month. Pelvic lipomatosis. Montgomery JH, et al. **J Tenn Med Assoc** 1984 Oct;77(10):598, 600

Vanishing pancreas. Lipomatous infiltration of the pancreas. Danovitch SH, et al. **JAMA** 1985 Mar 8;253(10):1442-3

[Pelvic lipomatosis: value of x-ray computed tomography. Apropos of a case] Calès P, et al. **Ann Med Interne (Paris)** 1984;135(7):533-6 (Eng. Abstr.) **(Fre)**

[Pseudotumoral abdominopelvic lipomatosis. Value of the scanographic examination] Jardin M, et al. **J Radiol** 1984 Jun-Jul;65(6-7):449-54 (Eng. Abstr.) **(Fre)**

[Lipomatosis of the renal sinus] Tizzani A, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):311-3 (Eng. Abstr.) **(Ita)**

[Lipomatosis of the renal sinus (differential diagnosis using computerized tomography] Kishkovskii AN, et al. **Klin Med (Mosk)** 1984 Aug;62(8):87-90 (Eng. Abstr.) **(Rus)**

SURGERY

[Place of aspiration lipolysis in the surgical treatment of Launois-Bensaude syndrome] Biou C, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):497-500 (Eng. Abstr.) **(Fre)**

[Madelung's disease--the problem of treating benign growths of the adipose tissue] Fritzmeier F. **HNO** 1984 Sep; 32(9):375-7 (Eng. Abstr.) **(Ger)**

LIPOMUCOPOLYSACCHARIDOSIS see **MUCOLIPIDOSIS**

LIPOPOLYSACCHARIDES

Arylsulphatase A and acid phosphatase activities in plasma and leucocytes during LPS fever in the ox (Bos taurus). Kozak W, et al. **Comp Biochem Physiol [A]** 1985; 81(1):165-9

Citrobacter lipopolysaccharides: structure elucidation of the O-specific polysaccharide from strain PCM 1487 by mass spectrometry, one-dimensional and two-dimensional 1H-NMR spectroscopy and methylation analysis. Gamian A, et al. **Eur J Biochem** 1985 Feb 1;146(3):641-7

3-C-branched aldoses in lipopolysaccharide of phase I Coxiella burnetii and their role as immunodominant factors. Schramek S, et al. **Eur J Biochem** 1985 May 2;148(3):455-61

Structural studies on the lipid A component of enterobacterial lipopolysaccharides by laser desorption mass spectrometry. Location of acyl groups at the lipid A backbone. Seydel U, et al. **Eur J Biochem** 1984 Dec 17;145(3):505-9

Structure of the sidechain of lipopolysaccharide from Pseudomonas syringae pv. morsprunorum C28. Smith AR, et al. **Eur J Biochem** 1985 May 15;149(1):73-8

Structural studies of the polysaccharide part of the cell wall lipopolysaccharide from Bacteroides fragilis NCTC 9343. Weintraub A, et al. **Eur J Biochem** 1985 Sep 16; 151(3):657-61

Relationship between growth temperature and shedding of lipopolysaccharides by gram-negative bacilli. Mackowiak PA. **Eur J Clin Microbiol** 1984 Oct;3(5):406-10

High state of order of isolated bacterial lipopolysaccharide and its possible contribution to the permeation barrier property of the outer membrane. Labischinski H, et al. **J Bacteriol** 1985 Apr;162(1):9-20

Chemical studies of partially hydrolysed lipopolysaccharides from four strains of Campylobacter jejuni and two strains of Campylobacter coli. Naess V, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2783-9

Effect of pH on turbidity and ultrastructures of endotoxins extracted from Salmonella minnesota wild type and Re mutant. Amano K, et al. **Microbiol Immunol** 1985; 29(1):75-80

[Experimental uveitis caused by lipopolysaccharide] Sunakawa M, et al. **Nippon Ganka Gakkai Zasshi** 1984 Dec; 88(12):1423-7 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Response of sheep after localized deposition of lipopolysaccharide in the lung. Brogden KA, et al. **Exp Lung Res** 1984;7(2):123-32

Efficacy and biocompatibility of a novel anti-cancer fiber in hemoperfusion on cancer-bearing rabbits. Tani T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:308-12

ADVERSE EFFECTS

Depressed bacterial growth in whey during endotoxin induced mastitis. Mattila T, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):85-92

ANALYSIS

Bacterial lipopolysaccharides and glutathione mixed disulfides as possible contaminants of human growth hormone produced with the use of E. coli K12. Axelsson K. **Acta Chem Scand [B]** 1985;39(1):69-77

Structure and functions of Pseudomonas aeruginosa lipopolysaccharide. Kropinski AM, et al. **Antibiot Chemother** 1985;36:58-73

Correlation between lipopolysaccharide structure and permeability resistance in beta-lactam-resistant Pseudomonas aeruginosa. Godfrey AJ, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):181-6

Immunoblotting procedure for the analysis of electrophoretically-fractionated bacterial lipopolysaccharide. Sturm S, et al. **Arch Microbiol** 1984 Dec;140(2-3):198-201

Nature and linkage type of fatty acids present in lipopolysaccharides of phase I and II Coxiella burnetii. Wollenweber HW, et al. **Arch Microbiol** 1985 Jun; 142(1):6-11

Biochemical and immunological characterization of the cell surface of the fish pathogenic bacterium Aeromonas salmonicida. Evenberg D, et al. **Biochim Biophys Acta** 1985 May 14;815(2):233-44

Structural studies on the core oligosaccharide of Phenylobacterium immobile strain K2 lipopolysaccharide. Chemical synthesis of 3-hydroxy-5c-dodecenoic acid. Bellmann W, et al. **Biol Chem Hoppe Seyler** 1985 Jun; 366(6):567-75

Structure of the polysaccharide moiety of the Klebsiella O3 lipopolysaccharide isolated from culture supernatant of decapsulated mutant (Klebsiella O3:K1-). Hasegawa T, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):333-9

Alpha-2----4-interlinked 3-deoxy-D-manno-octulosonic acid disaccharide. A common constituent of enterobacterial lipopolysaccharides. Brade H, et al. **Eur J Biochem** 1984 Dec 3;145(2):231-6

Lipopolysaccharides from Yersinia pestis. Studies on lipid A of lipopolysaccharides I and II. Dalla Venezia N, et al. **Eur J Biochem** 1985 Sep 2;151(2):399-404

Structural studies on O-specific polysaccharides of lipopolysaccharides from Yersinia enterocolitica serovars O:1,2a,3, O:2a,2b,3 and O:3. Gorshkova RP, et al. **Eur J Biochem** 1985 Aug 1;150(3):527-31

Somatic antigens of Pseudomonas aeruginosa. The structure of the O-specific polysaccharide chains of P. aeruginosa O11 (Lányi) lipopolysaccharides. Knirel YA, et al. **Eur J Biochem** 1985 Aug 1;150(3):551-7

Somatic antigens of Pseudomonas aeruginosa. The structure of the O-specific polysaccharide chains of lipopolysaccharides of P. aeruginosa serogroup O4 (Lányi) and related serotype O6 (Habs) and immunotype 1 (Fisher). Knirel YA, et al. **Eur J Biochem** 1985 Aug 1;150(3):541-50

Analyses of gonococcal lipopolysaccharide in whole-cell lysates by sodium dodecyl sulfate-polyacrylamide gel electrophoresis: stable association of lipopolysaccharide with the major outer membrane protein (protein I) of Neisseria gonorrhoeae. Hitchcock PJ. **Infect Immun** 1984 Oct;46(1):202-12

Biochemical and immunobiological properties of lipopolysaccharide (LPS) from Bacteroides gingivalis and comparison with LPS from Escherichia coli. Koga T, et al. **Infect Immun** 1985 Mar;47(3):638-47

Atrophic rhinitis in swine: correlation of Pasteurella multocida pathogenicity with membrane protein and lipopolysaccharide patterns. Lugtenberg B, et al. **Infect Immun** 1984 Oct;46(1):48-54

Chemical characterization of Chlamydia trachomatis lipopolysaccharide. Nurminen M, et al. **Infect Immun** 1985 May;48(2):573-5

Lipopolysaccharide characteristics of pathogenic campylobacters. Perez Perez GI, et al. **Infect Immun** 1985 Feb;47(2):353-9

Chemical and immunochemical analyses of Bacteroides fragilis lipopolysaccharides. Weintraub A, et al. **Infect Immun** 1985 Jul;49(1):197-201

Occurrence of 2-keto-deoxyoctonic acid 5-phosphate in lipopolysaccharides of Vibrio cholerae Ogawa and Inaba. Brade H. **J Bacteriol** 1985 Feb;161(2):795-8

Comparative studies of lipopolysaccharide and exopolysaccharide from a virulent strain of Pseudomonas solanacearum and from three avirulent mutants. Drigues P, et al. **J Bacteriol** 1985 May;162(2):504-9

Phospholipids and lipopolysaccharide of Aeromonas hydrophila. Howard SP, et al. **J Bacteriol** 1985 Jan; 161(1):463-5

Formation of a hexagonal lattice structure by an R-form lipopolysaccharide of Klebsiella sp. Kato N, et al. **J Bacteriol** 1985 Jun;162(3):1142-50

High-molecular-weight components in lipopolysaccharides of Salmonella typhimurium, Salmonella minnesota, and Escherichia coli. Peterson AA, et al. **J Bacteriol** 1985 May; 162(2):738-45

Structure of the core oligosaccharide from lipopolysaccharide of Erwinia carotovora. Sandulache R, et al. **J Bacteriol** 1985 Mar;161(3):1226-7

Detection of lipoglycans in ureaplasmas. Smith PF. **J Bacteriol** 1985 May;162(2):611-4

Lipopolysaccharide-specific bacteriophage for Klebsiella pneumoniae C3. Tomás JM, et al. **J Bacteriol** 1985 Jun; 162(3):1276-9

Effect of bacteriophage P1 lysogeny on lipopolysaccharide composition and the lambda receptor of Escherichia coli. Tomás JM, et al. **J Bacteriol** 1984 Sep;159(3):1047-52

Monophosphoryl lipid A obtained from lipopolysaccharides of Salmonella minnesota R595. Purification of the dimethyl derivative by high performance liquid chromatography and complete structural determination. Qureshi N, et al. **J Biol Chem** 1985 May 10;260(9):5271-8

Differentiation between Actinobacillus actinomycetemcomitans and Haemophilus aphrophilus based on carbohydrates in lipopolysaccharide. Brondz I, et al. **J Chromatogr** 1984 Oct 12;310(2):261-72

Lipopolysaccharide subtypes of Haemophilus influenzae type b from an outbreak of invasive disease. Inzana TJ, et al. **J Clin Microbiol** 1984 Aug;20(2):145-50

Chemical and biologic characterization of a lipopolysaccharide extracted from the Lyme disease spirochete (Borrelia burgdorferi). Beck G, et al. **J Infect Dis** 1985 Jul;152(1):108-17

Colony variants of Neisseria meningitidis strain 2996 (B:2b:P1.2): influence of class-5 outer membrane proteins and lipopolysaccharides. Poolman JT, et al. **J Med Microbiol** 1985 Apr;19(2):203-9

Absence of sialic acid in lipopolysaccharide (LPS) preparations from Trypanosoma cruzi. Goldberg SS, et al. **J Parasitol** 1984 Jun;70(3):331-2

[Sedimentation properties of a lipopolysaccharide-protein complex from Yersinia pseudotuberculosis] Ermak IM, et al. **Biofizika** 1984 Nov-Dec;29(6):945-8 (Eng. Abstr.) **(Rus)**

[Study of a lipopolysaccharide from Yersinia pseudotuberculosis of the IVA serotype] Gorshkova RP, et al. **Bioorg Khim** 1983 Oct;9(10):1401-7 (Eng. Abstr.) **(Rus)**

[Structure of O-specific polysaccharide from Yersinia pseudotuberculosis of serotype VI lipopolysaccharide] Gorshkova RP, et al. **Bioorg Khim** 1983 Aug;9(8):1068-73 (Eng. Abstr.) **(Rus)**

[13C-NMR spectrum of O-specific polysaccharide from the lipopolysaccharide of Yersinia pseudotuberculosis of serotype III] Isakov VV, et al. **Bioorg Khim** 1983 Nov; 9(11):1565-7 (Eng. Abstr.) **(Rus)**

[Antigenic bacterial polysaccharides. 13. The structure of the O-specific polysaccharide chain of the lipopolysaccharide from Pseudomonas cepacia strain IMV 4137] Knirel' IuA, et al. **Bioorg Khim** 1985 Apr;11(4):536-8 (Eng. Abstr.) **(Rus)**

[Structure of O-specific polysaccharide isolated from the Yersinia pseudotuberculosis serotype 1A lipopolysaccharide] Komandrova NA, et al. **Bioorg Khim** 1984 Feb;10(2):232-7 (Eng. Abstr.) **(Rus)**

[Bacterial antigenic polysaccharides. 12. Structure and 13C NMR spectrum of the polysaccharide chain of Shigella boydii type 8 lipopolysaccharide] L'vov VL, et al. **Bioorg Khim** 1983 Jan;9(1):60-73 (Eng. Abstr.) **(Rus)**

[Lipopolysaccharide-protein complexes of the outer membrane of gram-negative bacteria] Solov'eva TF, et al. **Bioorg Khim** 1983 Jun;9(6):725-33 (69 ref.) (Eng. Abstr.)

(Rus)

ANTAGONISTS & INHIBITORS

Inhibition by succinyl concanavalin A of strong adjuvant activity of lipopolysaccharides which possess mannans as the O-specific polysaccharide chains. Kido N, et al. **Cell Immunol** 1985 May;92(2):328-37

The influence of prazosin on E. coli lipopolysaccharide-induced fever and noradrenaline hyperthermia. Matuszek M, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):585-93

BIOSYNTHESIS

The induction of enhanced glucosamine incorporation into the cell-envelope of Escherichia coli K-12 by the antibiotic tetaine. Chmara H, et al. **Acta Microbiol Pol** 1984; 33(2):95-102

Cloning of rfaG, B, I, and J genes for glycosyltransferase enzymes for synthesis of the lipopolysaccharide core of Salmonella typhimurium. Kadam SK, et al. **J Bacteriol** 1985 Jan;161(1):277-84

Biosynthesis of enterobacterial common antigen. Rick PD, et al. **J Bacteriol** 1985 May;162(2):494-503

Formation of lipid-linked oligosaccharides by MOPC 315 plasmacytoma cells. Decreased synthesis by a nonsecretory variant. Hickman S, et al. **J Biol Chem** 1985 May 25; 260(10):6098-106

Patterns of LPS synthesis in gram negative bacteria. Hunt F. **J Theor Biol** 1985 Jul 21;115(2):213-9

BLOOD

Turbidimetric method for quantifying serum inhibition of Limulus amoebocyte lysate. Novitsky TJ, et al. **J Clin Microbiol** 1985 Feb;21(2):211-6

CLASSIFICATION

[Taxonomic significance of the lipopolysaccharide fatty acid composition of bacteria in the genus Proteus] Cherniavskaia EN, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep-Oct; (5):784-90 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

Modulation of multiple neutrophil functions by preparative methods or trace concentrations of bacterial lipopolysaccharide. Haslett C, et al. **Am J Pathol** 1985 Apr; 119(1):101-10

Characterization of Brucella ovis lipopolysaccharide and its use for diagnosis of ram epididymitis by enzyme-linked immunosorbent assay. Afzal M, et al. **J Clin Microbiol** 1984 Dec;20(6):1159-64

GENETICS

Expression of lipopolysaccharide O antigen in Escherichia coli K-12 hybrids containing plasmid and chromosomal genes from Shigella dysenteriae 1. Hale TL, et al. **Infect Immun** 1984 Nov;46(2):470-5

Small virulence plasmid of Shigella dysenteriae 1 strain W30864 encodes a 41,000-dalton protein involved in formation of specific lipopolysaccharide side chains of serotype 1 isolates. Watanabe H, et al. **Infect Immun** 1984 Oct;46(1):55-63

New cysE-pyrE-linked rfa mutation in Escherichia coli K-12 that results in a heptoseless lipopolysaccharide. Coleman WG Jr, et al. **J Bacteriol** 1985 Mar;161(3):1209-14

Serum-resistant mutants of Escherichia coli O111 contain increased lipopolysaccharide, lack an O antigen-containing capsule, and cover more of their lipid A core with O antigen. Goldman RC, et al. **J Bacteriol** 1984 Sep; 159(3):877-82

Additional evidence that the Lps gene locus regulates natural resistance to S. typhimurium in mice. O'Brien AD, et al. **J Immunol** 1985 May;134(5):2820-3

Expression of the chlamydial genus-specific lipopolysaccharide epitope in Escherichia coli. Nano FE, et al. **Science** 1985 May 10;228(4700):742-4

IMMUNOLOGY

Antigenicity of lipopolysaccharides from Campylobacter jejuni and Campylobacter coli in passive haemagglutination tests and enzyme-linked immunosorbent assays. Naess V, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr; 93(2):97-104

Role of the polysaccharide and of the lipopolysaccharide in the immunoprotective capacity of Klebsiella pneumoniae ribosomes. Robert D, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):293-9

The lipopolysaccharide polyclonal response is a function of the background response. Vidal Gómez J. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):41-4

Characterization of mouse monoclonal antibodies directed against Pseudomonas aeruginosa lipopolysaccharides. Sadoff JC, et al. **Antibiot Chemother** 1985;36:134-46

Septicaemic low birthweight neonates treated with human antibodies to endotoxin. Adhikari M, et al. **Arch Dis Child** 1985 Apr;60(4):382-4

Immunochemical characterization of lipopolysaccharides of Citrobacter chemotypes CC-G and CC-H. Romanowska A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):493-7

Comparisons of serologic responses of white Leghorn and New Hampshire red chickens to purified lipopolysaccharides of Pasteurella multocida. Rimler RB. **Avian Dis** 1984 Oct-Dec;28(4):984-9

Performance characteristics of an enzyme-linked immunosorbent assay for the determination of immunoglobulin M anti-Salmonella typhi lipopolysaccharide antibodies. Nardiello S, et al. **Boll Ist Sieroter Milan** 1985;64(2):155-9

Topical immunotherapy for pseudomonas keratitis in rabbits: use of antilipopolysaccharide plasma. Welsh NH, et al. **Br J Ophthalmol** 1984 Nov;68(11):828-32

The effect of formalin-killing of Pasteurella multocida on the antigenicity and extractability of its lipopolysaccharide. Rebers PA, et al. **Carbohydr Res** 1984 Oct 1;133(1):83-94

Protection against fatal Pseudomonas aeruginosa sepsis by immunization with smooth and rough lipopolysaccharides. Cryz SJ Jr, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):180-5

Frequencies of phosphorylcholine-specific and T15-associated 10/13 idiotope-positive B cells within lipopolysaccharide-reactive B cells of adult BALB/c mice. Lévy M. **Eur J Immunol** 1984 Sep;14(9):864-8

Identification of lipoglycan antigens from the Acholeplasma laidlawii cell membrane in crossed immunoelectrophoresis. Johansson KE, et al. **FEBS Lett** 1985 Mar 25;182(2):470-4

Phenol-water extracts of gram-positive Listeria monocytogenes and gram-negative Salmonella typhimurium. Comparison of biological activities. Hofman J, et al. **Folia Microbiol (Praha)** 1985;30(3):231-6

Lipopolysaccharide significantly enhances erythrophagocytosis but marginally stimulates the phagocytosis of Staphylococcus aureus in mouse peritoneal macrophages. Lokesh BR, et al. **Immunobiology** 1985 Feb; 169(1):11-20

Comparative studies on adjuvanticity of Klebsiella O3 lipopolysaccharide and its lipid A and polysaccharide fractions. Kato N, et al. **Immunology** 1985 Feb;54(2):317-24

Adjuvant effect of bacterial LPS and/or alum precipitation in responses to polysaccharide and protein antigens. Seppälä IJ, et al. **Immunology** 1984 Dec;53(4):827-36

Cyclic development of immunological memory to bacterial lipopolysaccharide. Baker PJ, et al. **Infect Immun** 1985 Apr; 48(1):1-6

Antigenic properties of Chlamydia trachomatis lipopolysaccharide. Brade L, et al. **Infect Immun** 1985 May; 48(2):569-72

Role of lipopolysaccharide in opsonization and phagocytosis of Pseudomonas aeruginosa. Engels W, et al. **Infect Immun** 1985 Jul;49(1):182-9

Coprecipitation of lipopolysaccharide and the 39,000-molecular-weight major outer membrane protein of Haemophilus influenzae type b by lipopolysaccharide-directed monoclonal antibody. Gulig PA, et al. **Infect Immun** 1985 Sep;49(3):819-27

Lipopolysaccharide variation in Coxiella burnetti: intrastrain heterogeneity in structure and antigenicity. Hackstadt T, et al. **Infect Immun** 1985 May;48(2):359-65

Difference in susceptibility to gram-negative urinary tract infection between C3H/HeJ and C3H/HeN mice. Hagberg L, et al. **Infect Immun** 1984 Dec;46(3):839-44

Composition and antigenic activity of the oligosaccharide moiety of Haemophilus influenzae type b lipooligosaccharide. Inzana TJ, et al. **Infect Immun** 1985 May;48(2):324-30

Induction of immune and adjuvant immunoglobulin G responses in mice by Brucella lipopolysaccharide. Moreno E, et al. **Infect Immun** 1984 Oct;46(1):74-80

Mouse monoclonal antibodies reactive with J5 lipopolysaccharide exhibit extensive serological cross-reactivity with a variety of gram-negative bacteria. Nelles MJ, et al. **Infect Immun** 1984 Dec;46(3):677-81

Antigenic heterogeneity of lipopolysaccharides from Campylobacter jejuni and Campylobacter fetus. Perez GI, et al. **Infect Immun** 1985 May;48(2):528-33

Immunomodulation of the antibody response to lipopolysaccharide in C3H/HeJ mice by complexing with heterologous ribosomes. Phillips M, et al. **Infect Immun** 1985 Apr;48(1):244-7

Serum antibodies against common antigens of bacterial lipopolysaccharides in healthy adults and in patients with multiple myeloma. Stoll C, et al. **Infection** 1985 May-Jun; 13(3):115-9

Pattern of the primary and secondary antibody responses elicited by TNP-LPS in mice. Huchet R. **Int Arch Allergy Appl Immunol** 1985;76(2):182-4

Serological analysis of five serotypes of Pasteurella multocida of rabbit origin by use of an enzyme-linked immunosorbent assay with lipopolysaccharide as antigen. Cary CJ, et al. **J Clin Microbiol** 1984 Aug;20(2):191-4

Antibody responses to capsular polysaccharide, lipopolysaccharide, and outer membrane in adults infected with Haemophilus influenzae type b. Lagergård T, et al. **J Clin Microbiol** 1984 Dec;20(6):1154-8

Monoclonal antibodies to Bacteroides fragilis lipopolysaccharide. Linko-Kettunen L, et al. **J Clin Microbiol** 1984 Sep;20(3):519-24

Serodiagnosis of typhoid fever by enzyme-linked immunosorbent assay determination of anti-Salmonella typhi lipopolysaccharide antibodies. Nardiello S, et al. **J Clin Microbiol** 1984 Oct;20(4):718-21

LPS and specific T cell responses: interleukin 1 (IL 1)-independent amplification of antigen-specific T helper (TH) cell proliferation. Bismuth G, et al. **J Immunol** 1985 Mar;134(3):1415-21

Lipopolysaccharide receptors on lymphocytes. I. Lack of immunologic recognition of a putative LPS receptor on LPS-responder lymphocytes by LPS-nonresponder mice. Goodman SA, et al. **J Immunol** 1985 Sep;135(3):1906-10

A Yersinia enterocolitica serotype 0:3 lipopolysaccharide-specific monoclonal antibody reacts more strongly with bacteria cultured at room temperature than those cultured at 37 degrees C. Ogasawara M, et al. **J Immunol** 1985 Jul;135(1):553-9

Immunoenzymatic analysis by monoclonal antibodies of bacterial lipopolysaccharides after transfer to nitrocellulose. Sidberry H, et al. **J Immunol Methods** 1985 Feb 11;76(2):299-305

Enhancement of human MLR by very low concentrations of lipopolysaccharide and blocking of this enhancement by polymyxin B. Spear GT, et al. **J Immunol Methods** 1984 Oct 26;73(2):321-7

Serum factor-dependent resistance of Haemophilus influenzae type b to antibody to lipopolysaccharide. Inzana TJ, et al. **J Infect Dis** 1985 May;151(5):869-77

Age-related prevalence of human serum IgG and IgM antibody to the core glycolipid of Escherichia coli strain J5, as measured by ELISA. Law BJ, et al. **J Infect Dis** 1985 Jun;151(6):988-94

Protection against infection with Pseudomonas aeruginosa by passive transfer of monoclonal antibodies to lipopolysaccharides and outer membrane proteins. Sawada S, et al. **J Infect Dis** 1984 Oct;150(4):570-6

Lipid and lipopolysaccharide-like antigens of Leishmania promastigotes. Slutzky GM, et al. **J Protozool** 1985 May; 32(2):347-52

Prophylaxis of superior mesenteric artery occlusion shock in rabbits by antilipopolysaccharide (anti-LPS) antibodies. Zanotti AM, et al. **J Surg Res** 1985 Feb;38(2):113-5

Anti-lipopolysaccharide antibodies: update [letter] Lachman E, et al. **Lancet** 1984 Oct 13;2(8407):875-6

Strong adjuvanticity of bacterial lipopolysaccharides possessing the homopolysaccharides consisting of mannose as the O-specific polysaccharide chains. Kato N, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):1-14

Adjuvant activity of Klebsiella O3 lipopolysaccharide: inhibition of the adjuvant activity by concanavalin A. Kato N, et al. **Microbiol Immunol** 1985;29(3):205-11

Fatty acid composition and Shwartzman activity of lipopolysaccharides from oral bacteria. Mashimo J, et al. **Microbiol Immunol** 1985;29(5):395-403

Composition of O-antigenic lipopolysaccharides from Enterobacter cloacae. White PJ, et al. **Microbiol Immunol** 1984;28(11):1169-79

Interaction of a streptococcal cell wall tetraheteroglycan and Salmonella telaviv lipopolysaccharide with polymeric McPC 870 and MOPC 384 mouse IgA myeloma proteins. Allen PZ, et al. **Mol Immunol** 1984 Nov;21(11):1131-41

Effects of phosphorylcholine-lipopolysaccharide conjugates on the induction of anti-idiotype-mediated B-cell tolerance. Massey PB, et al. **Mol Immunol** 1985 Jun; 22(6):655-61

Immunochemical studies on the binding properties of Brucella abortus lipopolysaccharides to bovine precipitating antibodies. Wu AM, et al. **Mol Immunol** 1984 Nov;21(11):1123-9

Lipopolysaccharide of Legionella as adjuvant for intrinsic and extrinsic antigens. Wong KH, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):475-81

Hypersensitivity to dietary components in young farm animals: immunisation of calves for IgE antibody responses. Barratt ME, et al. **Res Vet Sci** 1985 Jul;39(1):62-5

Treatment of septic arthritis with intra-articular anti-lipopolysaccharide plasma [letter] Bowen-Jones EJ. **S Afr Med J** 1984 Nov 3;66(18):674-5

2-Mercaptoethanol-dependent lipopolysaccharide-responsive B cells in nylon-wool-fractionated spleen cell preparations. Eastman AY, et al. **Scand J Immunol** 1985 Jan;21(1):35-41

Properties of human anti-lipopolysaccharide gamma globulin: specificity and protective effects. Gaffin SL, et al. **Vox Sang** 1985;48(5):276-83

[The distribution of lipopolysaccharide serotypes of Neisseria meningitidis group A in 8 provinces and a city in China] Hu XJ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):195-8 (Eng. Abstr.) **(Chi)**

[Demonstration of a species specific determinant of Bacteroides fragilis lipopolysaccharides using monoclonal antibodies] Schulz TF, et al. **Wien Klin Wochenschr** 1985 Mar 1;97(5):237-9 (Eng. Abstr.) **(Ger)**

[Immunity of the skin--infection and percutaneous immunization of rabbits with E. coli ATCC 13676] Hammerschmidt W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Apr; 259(2):252-67 (Eng. Abstr.) **(Ger)**

[Protection against experimental Salmonella typhimurium infection in mice. Immunostimulating activity of heterologous Salmonella S-forms, R-mutants, lipopolysaccharides and muramyl dipeptide in vaccines combined with S. typhimurium] Schlecht S. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):414-25 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Chemical composition and biological activity of lipopolysaccharides prepared from type strains of Campylobacter jejuni and Campolybacter coli. Naess V, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Aug; 92(4):217-22

Trehalose-containing lipooligosaccharides from mycobacteria: structures of the oligosaccharide segments and recognition of a unique N-acylkanosamine-containing epitope. Hunter SW, et al. **Biochemistry** 1985 May 21; 24(11):2798-805

Lipopolysaccharide composition of three strains of Haemophilus influenzae. Parr TR Jr, et al. **Can J Microbiol** 1984 Sep;30(9):1184-7

Structural studies of neutral polymers isolated from the lipopolysaccharides of Serratia marcescens O6 (strain C.D.C. 862-57) and O12 (C.D.C. 6320-58). Brigden CJ, et al. **Carbohydr Res** 1985 Jun 15;139:298-301

Structure of a neutral polymer isolated from the lipopolysaccharide of Serratia marcescens O1 (strain C.D.C. 866-57). Furn S, et al. **Carbohydr Res** 1985 Jun 15;139:293-7

Structural studies of the Pseudomonas aeruginosa immunotype 1 antigen, containing the new sugar constituents 2-acetamido-2-deoxy-D-galacturonamide and 2-deoxy-2-formamido-D-galacturonic acid. Knirel YA, et al. **Carbohydr Res** 1984 Oct 15;133(2):C12-4

Sialic acids of a new type from the lipopolysaccharides of Pseudomonas aeruginosa and Shigella boydii. Knirel YA, et al. **Carbohydr Res** 1984 Oct 15;133(2):C5-8

Structure of the lipopolysaccharide core isolated from a human strain of Aeromonas hydrophila. Michon F, et al. **Eur J Biochem** 1984 Nov 15;145(1):107-14

The structure of the polysaccharide moiety of Rhodopseudomonas sphaeroides ATCC 17023 lipopolysaccharide. Salimath PV, et al. **Eur J Biochem** 1984 Oct 15;144(2):227-32

Immunological characterization of Vibrio cholerae O:1 lipopolysaccharide, O-side chain, and core with monoclonal antibodies. Gustafsson B, et al. **Infect Immun** 1985 Aug;49(2):275-80

Chemical and immunological characterization of lipopolysaccharides from phase I and phase II Coxiella burnetii. Amano K, et al. **J Bacteriol** 1984 Dec; 160(3):994-1002

[Studies on endotoxin of Leptospira: I. Extraction of lipopolysaccharides from Leptospira interrogans serovar Lai and analysis of their chemical and biological properties] Nie DK, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):321-5 (Eng. Abstr.) **(Chi)**

METABOLISM

Clearance of Bacteroides fragilis lipopolysaccharide in vivo. Sveen K. **Acta Pathol Microbiol Immunol Scand** [C] 1985 Feb;93(1):7-11

Hepatocellular clearance function of bacterial lipopolysaccharides and free lipid A in mice with endotoxic shock. Hopf U, et al. **Am J Emerg Med** 1984 Jan;2(1):13-9

Uptake and subcellular localization of bacterial lipopolysaccharide in the adrenal gland. Mathison JC, et al. **Am J Pathol** 1985 Jul;120(1):79-86

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. III. Evidence for the role of a monokine similar to but not identical with interleukin-1. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):436-43

Lipopolysaccharide changes in impermeability-type aminoglycoside resistance in Pseudomonas aeruginosa. Bryan LE, et al. **Antimicrob Agents Chemother** 1984 Aug; 26(2):250-5

Binding and neutralization of bacterial lipopolysaccharide by colistin nonapeptide. Warren HS, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):107-12

Excretion of radioactivity in faeces and urine of rats injected with 3H,14C-lipopolysaccharide. Kleine B, et al. **Br J Exp Pathol** 1985 Jun;66(3):303-8

Specific binding of endotoxin to human monocytes and mouse macrophages: serum requirement. Haeffner-Cavaillon N, et al. **Cell Immunol** 1985 Mar; 91(1):119-31

Biogenesis of the outer membrane of Salmonella. Osborn MJ. **Harvey Lect** 1982-83;78:87-103

Uptake and deacylation of bacterial lipopolysaccharides by macrophages from normal and endotoxin-hyporesponsive mice. Munford RS, et al. **Infect Immun** 1985 May; 48(2):464-73

Effects of specific antibodies, hormones, and lipoproteins on bacterial lipopolysaccharides injected into the rat. Munford RS, et al. **J Infect Dis** 1985 Jul;152(1):177-84

Pseudomonas aeruginosa: evidence for the involvement of lipopolysaccharide in determining outer membrane permeability to carbenicillin and gentamicin. Shearer BG, et al. **J Infect Dis** 1985 Aug;152(2):351-5

Intracellular localization of bacterial lipopolysaccharide using the avidin biotin complex method at the electron microscopic level. Lucas RM, et al. **J Periodontol** 1985 Sep;56(9):553-7

Inhibition of the formation of lipid-linked intermediates in normal and transformed cells by a purified tunicamycin homologue. Eren R, et al. **Mol Cell Biochem** 1985 May; 67(1):39-46

Distribution and localization of endotoxin in the reticulo-endothelial system (RES) and in the main vessels of the rat during shock. Freudenberg N, et al. **Pathol Res Pract** 1985 Mar;179(4-5):517-27

Localization of intravenously injected lipopolysaccharide (LPS) in the spleen of the mouse. An immunoperoxidase and histochemical study. Groeneveld PH, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):237-45

PHARMACODYNAMICS

Some reproductive and clinical aspects of endotoxins in cows with special emphasis on the role of prostaglandins. Fredriksson G. **Acta Vet Scand** 1984;25(3):365-77

Mitogenic responses of sheep peripheral blood T-lymphocytes to PHA and LPS in a hanging drop microassay. Mlangwa JE. **Acta Vet Scand** 1984; 25(4):548-60

Complement and polymorphonuclear leukocytes do not determine the vascular permeability induced by intraocular LPS. Howes EL Jr, et al. **Am J Pathol** 1985 Jan; 118(1):35-42

Suppression of endotoxin-induced corticosterone secretion in rats by H1-antihistamine. Suzuki S, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E26-30

Stimulation and killing of bovine mononuclear leukocytes by bacterial lipopolysaccharide (endotoxin). Banks KL, et al. **Am J Vet Res** 1985 Jul;46(7):1568-72

Cellular and lipopolysaccharide subunit requirements for the caprine lymphoblastogenic response to endotoxin. Greenlee A, et al. **Am J Vet Res** 1985 Jan;46(1):75-9

Formation of lymph follicles and germinal centers in draining lymph nodes after local injection of phytohemagglutinin and lipopolysaccharide in mice. Hoshi H, et al. **Arch Histol Jpn** 1984 Nov;47(5):505-18

Lipopolysaccharide tolerance inhibits eye inflammation. I. Reduced immune complex or lipopolysaccharide effects. Howes EL Jr, et al. **Arch Ophthalmol** 1985 Feb; 103(2):257-60

Lipopolysaccharide tolerance inhibits eye inflammation. II. Preliminary studies on the mechanism. Howes EL Jr, et al. **Arch Ophthalmol** 1985 Feb;103(2):261-5

Lipopolysaccharide and polyribonucleotide activation of macrophages: implications for a natural triggering signal in tumor cell killing. Torres BA, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):395-401

The role of bivalent ions in the inactivation of bacteriophage phi X174 by lipopolysaccharide from Escherichia coli C. Rowatt E. **Biochem J** 1984 Oct 1;223(1):23-9

Effect of dexamethasone, indomethacin, and lipopolysaccharide on the secretion of interstitial collagenase and type V collagenase by cultured macrophages. Mainardi CL. **Biochim Biophys Acta** 1984 Oct 12;805(2):137-42

Effects of bacterial lipopolysaccharides (LPS) on leukocytes and platelets. Recent views on the pathophysiological role of LPS in the host. Jirillo E, et al. **Boll Ist Sieroter Milan** 1982;61(4):285-93 (53 ref.)

Differential effects of prostaglandin E2 and cyclic AMP on release of arachidonic acid metabolites from resting and lipopolysaccharide-stimulated macrophages. Feuerstein N, et al. **Br J Pharmacol** 1984 Nov;83(3):759-62

Effect of lipopolysaccharide on the stimulation of macrophage Fc-dependent phagocytosis by splenic B lymphocytes. Coleman DL, et al. **Cell Immunol** 1985 Apr 1;91(2):520-7

Production and characterization of cytostatic protein factors released from human monocytes during exposure to lipopolysaccharide and muramyl dipeptide. Kildahl-Andersen O, et al. **Cell Immunol** 1985 Jul; 93(2):375-86

Inhibition of macrophage DNA synthesis by immunomodulators. II. Characterization of the suppression by muramyl dipeptide or lipopolysaccharide [3H]thymidine incorporation into macrophages. Nagao S, et al. **Cell Immunol** 1984 Dec;89(2):427-38

The effect of bacterial lipopolysaccharide (LPS) on histamine release from human basophils. I. Enhancement of immunologic release by LPS. Smith TF, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):355-65

The regulation of c-myc by growth signals. Kelly K, et al. **Curr Top Microbiol Immunol** 1984;113:117-26

Immunomodulation of streptozotocin-induced diabetes in mice by a lipopolysaccharide [letter] Flechner I, et al. **Diabetes Res** 1984 Nov;1(4):231-2

Differentiation in the murine B cell lymphoma I.29: inductive capacities of lipopolysaccharide and Mycoplasma fermentans products. Sitia R, et al. **Eur J Immunol** 1985 Jun;15(6):570-5

Endotoxin-induced uveitis in the rat: observations on altered vascular permeability, clinical findings, and histology. Cousins SW, et al. **Exp Eye Res** 1984 Nov;39(5):665-76

Effect of serum from mice treated with lipopolysaccharide on cycling of CFUs in vitro. Molendijk WJ, et al. **Exp Hematol** 1984 Nov;12(10):794-9

Anti-LPS factor in the horseshoe crab, Tachypleus tridentatus. Its hemolytic activity on the red blood cell sensitized with lipopolysaccharide. Ohashi K, et al. **FEBS Lett** 1984 Oct 15;176(1):207-10

Role of bacterial lipopolysaccharide and lymphokine in the regulation of macrophage activation: correlates between secretion of plasminogen activator and tumor lysis. Jones CM, et al. **Immunobiology** 1984 May;166(4-5):410-27

Interleukin 2-dependent T cell line acquires responsiveness to phorbol myristate acetate and lipopolysaccharide in the course of long-term culture. Mukaida N, et al. **Immunol Commun** 1984;13(5):475-86

A decrease of RNA synthesis during macrophage activation with lipopolysaccharide--an association with novel regulating factors. Okai Y. **Immunol Lett** 1984;8(5):261-5

Lipopolysaccharide-induced suppressor cells for delayed-type hypersensitivity to herpes simplex virus: nature of suppressor cell and effect on pathogenesis of herpes simplex. Altmann DM, et al. **Immunology** 1984 Nov; 53(3):473-80

Lipopolysaccharide and serum synergistically stimulate ornithine decarboxylase in Chinese hamster ovary cells. Greenfield AR, et al. **In Vitro** 1984 Nov;20(11):876-8

Antioxidant defence system of erythrocytes in relation to Agrobacterium tumefaciens lipopolysaccharide administration in mice. Haldar S, et al. **Indian J Exp Biol** 1984 Mar;22(3):123-5

Differential in vitro lymphocyte proliferation by mitogens in presence of pregnancy specific beta 1-glycoprotein. Majumdar S, et al. **Indian J Med Res** 1984 May;79:624-9

Mechanism of polymyxin B-mediated lysis of lipopolysaccharide-treated erythrocytes. Carr C Jr, et al. **Infect Immun** 1985 Jul;49(1):84-9

Oxidative metabolic response and microbicidal activity of human milk macrophages: effect of lipopolysaccharide and muramyl dipeptide. Cummings NP, et al. **Infect Immun** 1985 Aug;49(2):435-9

Analysis of effects of lipopolysaccharide and interferon on murine macrophages: modulation of elastase secretion in vitro. Duc Dodon M, et al. **Infect Immun** 1985 Sep; 49(3):709-14

Bacterial lipopolysaccharide induction of leukocyte-derived corticotropin and endorphins. Harbour-McMenamin D, et al. **Infect Immun** 1985 Jun;48(3):813-7

Ribosomal protein phosphorylation induced during Q fever or by lipopolysaccharide: in vitro translation is stimulated by infected liver ribosomes. Hickey MJ, et al. **Infect Immun** 1985 Jun;48(3):690-6

Inhibition of serum bactericidal reaction by lipopolysaccharide. Sansano M Jr, et al. **Infect Immun** 1985 Jun;48(3):759-62

In vivo effects of bacterial lipopolysaccharide on proliferation of macrophage colony-forming cells in bone marrow and peripheral lymphoid tissues. Yokochi T, et al. **Infect Immun** 1985 Feb;47(2):496-501

Effect of lipopolysaccharides, lipid A and interferon on the cell-mediated cytotoxicity of human leukocytes against K-562 tumor cells. Fink PC, et al. **Infection** 1984 Sep-Oct; 12(5):322-7

Different mechanisms of macrophage activation with guinea pig macrophage activation factor, lipopolysaccharide and muramyl dipeptide. Onozaki K, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):296-301

Structure and assembly of the endoplasmic reticulum. The synthesis of three major endoplasmic reticulum proteins during lipopolysaccharide-induced differentiation of murine lymphocytes. Lewis MJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3050-7

Lipopolysaccharide and phorbol esters induce differentiation but have opposite effects on phosphatidylinositol turnover and Ca2+ mobilization in 70Z/3 pre-B lymphocytes. Rosoff PM, et al. **J Biol Chem** 1985 Aug 5;260(16):9209-15

Bacterial lipopolysaccharide induction of ornithine decarboxylase in the macrophage-like cell line RAW264: requirement of an inducible soluble factor. Taffet SM, et al. **J Cell Physiol** 1985 Feb;122(2):215-20

Regulatory roles of T mu and T gamma cells in the collaborative cellular initiation of the extrinsic coagulation pathway by bacterial lipopolysaccharide. Levy GA, et al. **J Clin Invest** 1985 Aug;76(2):548-55

Effect of LPS on the oxidative metabolism of peritoneal and spleen cells from LPS sensitive and resistant mice. Feuillet-Fieux MN, et al. **J Clin Lab Immunol** 1984 Nov; 15(3):155-61

Dental pulp response to bacterial cell wall material. Warfvinge J, et al. **J Dent Res** 1985 Aug;64(8):1046-50

Priming of neutrophils for enhanced release of oxygen metabolites by bacterial lipopolysaccharide. Evidence for increased activity of the superoxide-producing enzyme. Guthrie LA, et al. **J Exp Med** 1984 Dec 1;160(6):1656-71

Frequency of expressed immunoglobulin light chain genes in lipopolysaccharide-stimulated BALB/c spleen cells. Zhu D, et al. **J Exp Med** 1984 Oct 1;160(4):971-86

Regulation of the Fc-receptor-mediated respiratory burst: treatment of primed murine peritoneal macrophages with lipopolysaccharide selectively inhibits H2O2 secretion stimulated by immune complexes. Johnston PA, et al. **J Immunol** 1985 Jul;135(1):513-8

Functional recognition of bacterial mitogens by B lymphoma cells: reactivity of WEHI 279.1 to lipopolysaccharide and selection of nonreactive variants. Kleine B, et al. **J Immunol** 1985 Oct;135(4):2541-5

Lipopolysaccharide-treated RAW 264.7 cells produce a mediator that inhibits lipoprotein lipase in 3T3-L1 cells. Mahoney JR Jr, et al. **J Immunol** 1985 Mar;134(3):1673-5

LPS regulation of the immune response: separate mechanisms for murine B cell activation by lipid A (direct) and polysaccharide (macrophage-dependent) derived from Bacteroides LPS. Williamson SI, et al. **J Immunol** 1984 Nov;133(5):2294-300

Down-regulation of Fc receptor expression in guinea pig peritoneal exudate macrophages by muramyl dipeptide or lipopolysaccharide. Yagawa K, et al. **J Immunol** 1985 Jun;134(6):3705-11

Activation of the gamma 1 gene by lipopolysaccharide and T cell-derived lymphokines containing a B cell differentiation factor for IgG1 (BCDF gamma). Yuan D, et al. **J Immunol** 1985 Aug;135(2):1465-9

Modulation of receptors for the colony-stimulating factor, CSF-1, by bacterial lipopolysaccharide and CSF-1. Guilbert LJ, et al. **J Immunol Methods** 1984 Oct 12;73(1):17-28

In vitro induction of B cell differentiation in canine mononuclear blood cells: bacterial lipopolysaccharide modulates the action of pokeweed mitogen. Prümmer O, et al. **J Immunol Methods** 1984 Dec 14;75(1):193-9

Comparison of various assays to quantitate macrophage activation by biological response modifiers. Schultz RM, et al. **J Immunopharmacol** 1984;6(4):257-75

Selective glomerular thrombosis in rats induced by combined injections of nephrotoxic antiserum and lipopolysaccharide. Naruse T, et al. **J Lab Clin Med** 1985 Feb;105(2):146-56

Influence of E. coli endotoxin on ACTH induced adrenal cell steroidogenesis. Garcia R, et al. **J Steroid Biochem** 1985 Mar;22(3):377-85

Lipopolysaccharide stimulation of plasmacytoma cells. Platica M, et al. **JNCI** 1985 Jan;74(1):197-201

Recombinant gamma-interferon and lipopolysaccharide enhance 1,25-dihydroxyvitamin D3-induced cell differentiation in human promyelocytic leukemia (HL-60) cells. Murao SI, et al. **Jpn J Cancer Res** 1985 Jul;76(7):596-602

Adjuvant activity of Klebsiella O3 lipopolysaccharide: comparative study using defined uniform salt forms. Kato N, et al. **Microbiol Immunol** 1984;28(6):659-66

Enhancement of endotoxicity and reactivity with carbocyanine dye by sonication of lipopolysaccharide. Ogawa Y, et al. **Microbiol Immunol** 1984;28(12):1313-23

Biological activities of lipopolysaccharide fractionated by preparative acrylamide gel electrophoresis. Ohta M, et al. **Microbiol Immunol** 1985;29(1):1-12

Enhancement of murine B cell responses to lipopolysaccharide by supernatants of irradiated peripheral blood leukocytes. Chaby R, et al. **Mol Cell Biochem** 1985 Feb;66(1):31-8

Effect of Escherichia coli lipopolysaccharide on the glucagon and insulin binding to isolated rat hepatocytes. Pagani R, et al. **Mol Cell Biochem** 1984 Nov;65(1):37-44

Further characterization of the effect of bacterial lipopolysaccharide preparations on cyclic GMP levels: the importance of macromolecular synthesis. Graber SE, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):163-9

Isotype expression and specificity repertoire of lipopolysaccharide-reactive B cells in germfree mice fed chemically defined ultrafiltered 'antigen-free' diet. Hooijkaas H, et al. **Prog Clin Biol Res** 1985;181:359-62

Shigella sonnei endotoxin reduces arterial blood pressure but does not alter pituitary pro-opiocortin cleavage and corticosterone release in the rat. Saija A, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):313-6

Hepatocyte function in sepsis: Kupffer cells mediate a biphasic protein synthesis response in hepatocytes after exposure to endotoxin or killed Escherichia coli. West MA, et al. **Surgery** 1985 Sep;98(3):388-95

Role of lipid A in the production of tumor necrosis factor and differences in antitumor activity between tumor necrosis factor and lipopolysaccharide. Haranaka K, et al. **Tohoku J Exp Med** 1984 Dec;144(4):385-96

Effect of bacterial lipopolysaccharide on bovine polymorphonuclear neutrophil migration in vitro. Klesius PH, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):239-44

Temperature and milk composition responses to infusion of E. coli LPS and S. aureus vaccines in the goat. Jarman RF, et al. **Zentralbl Veterinarmed [A]** 1984 Dec;31(10):740-50

[Effect of bacterial lipopolysaccharide (S. minnesota R 595) on the luminol-dependent chemiluminescence of neutrophilic granulocytes in cord blood] Eschenbach C. **Monatsschr Kinderheilkd** 1985 Mar;133(3):171-4 (Eng. Abstr.) **(Ger)**

[Bacterial lipopolysaccharides: comparative analysis of the cardiovascular effects of E. coli, S. sonnei and Y. enterocolitica in anesthetized rats] Altavilla D, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):20-4 (Eng. Abstr.) **(Ita)**

[Effect of lipopolysaccharide of the pseudotuberculosis bacterium on the functional activity of macrophages] Kuznetsova TA, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):109-13 (Eng. Abstr.) **(Rus)**

[A mechanism of human complement activation by immunostimulators from the bacterial cell wall] Kozlov LV, et al. **Bioorg Khim** 1983 Aug;9(8):1047-55 (Eng. Abstr.) **(Rus)**

[Effect of prodigiozan and pyrogenal on the neural regulation of the frog heart] Piruzian LA, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):69-72 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Involvement of prostaglandins in LPS-mediated regulation of plasminogen activator synthesis by inflammatory macrophages. Drapier JC, et al. **Int J Immunopharmacol** 1984;6(4):345-50

Transformation of Salmonella typhimurium with plasmid DNA: differences between rough and smooth strains. MacLachlan PR, et al. **J Bacteriol** 1985 Jan;161(1):442-5

Induction of the early hypotensive phase by Escherichia coli: role of bacterial surface structures and inflammatory mediators. Kalter ES, et al. **J Infect Dis** 1985 Sep;152(3):493-9

Alteration of the cell wall of Haemophilus influenzae type b by transformation with cloned DNA: association with attenuated virulence. Zwahlen A, et al. **J Infect Dis** 1985 Sep;152(3):485-92

THERAPEUTIC USE

Antitumor activity of Klebsiella 03 lipopolysaccharide in mice. Miyamoto K, et al. **Jpn J Pharmacol** 1984 Sep;36(1):51-7

[Action of various bacterial endotoxins on pleurisy and pulmonary edema induced by thiourea] Altavilla D, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):43-7 (Eng. Abstr.) **(Ita)**

[Comparative analysis of the use of levamisole and pyrogenal in the treatment of multiple sclerosis] Mukhtarova AA. **Zh Nevropatol Psikhiatr** 1985;85(3):366-7 (Eng. Abstr.) **(Rus)**

TOXICITY

Effects of endotoxemia on lung water and hemodynamics in conscious calves. Olson NC, et al. **Am J Vet Res** 1985 Mar;46(3):711-8

Endotoxic shock in the awake young pig: absence of beneficial effect of prednisolone sodium succinate treatment. Schrauwen EM, et al. **Am J Vet Res** 1985 Aug;46(8):1770-4

Flunixin meglumine attenuation of endotoxin-induced damage to the cardiopulmonary vascular endothelium of the pony. Turek JJ, et al. **Am J Vet Res** 1985 Mar;46(3):591-6

Toxicity of microbial products in cell culture. Ongrádi J, et al. **Folia Microbiol (Praha)** 1984;29(6):450-4

Effect of toxic shock syndrome toxin 1 on chicken embryos. de Azavedo JC, et al. **Infect Immun** 1985 Mar;47(3):710-2

Lipopolysaccharide hyperreactivity of animals infected with Trypanosoma lewisi or Trypanosoma musculi. Ferrante A, et al. **Infect Immun** 1984 Nov;46(2):501-6

Increased sensitivity of Corynebacterium parvum-treated mice to toxic effects of indomethacin and lipopolysaccharide. Hart DA. **Infect Immun** 1985 Feb;47(2):408-14

Modulation of endotoxin-induced neutrophil alveolitis by captopril and by hyperoxia. Rinaldo JE, et al. **J Leukocyte Biol** 1985 Jan;37(1):87-99

Involvement of central action of lipopolysaccharide in pyrogen fever. Ogawa Y, et al. **Jpn J Pharmacol** 1984 Nov;36(3):389-95

Some characteristics of the hyperreactivity to bacterial lipopolysaccharide induced in mice by Trypanosoma cruzi infection. Bambirra EA, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):433-7

Hepatic drug-metabolizing enzyme system and endotoxin tolerance: structural requirement of LPS in induction of an early tolerance. Egawa K, et al. **Microbiol Immunol** 1984;28(11):1181-90

Passive immunization against cachectin/tumor necrosis factor protects mice from lethal effect of endotoxin. Beutler B, et al. **Science** 1985 Aug 30;229(4716):869-71

[Studies on vascular permeability factor induced by bacterial endotoxin in rabbits] Hasegawa R, et al. **Eisei Shikenjo Hokoku** 1984;(102):90-4 (Eng. Abstr.) **(Jpn)**

[Studies on the pharmacological bases of fetal toxicity of drugs (VII). Enhancement effect of bacterial pyrogen on the fetal toxicity of salicylic acid] Itami T, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):411-6 (Eng. Abstr.) **(Jpn)**

LIPOPROTEIN LIPASE

Diethyl-p-nitrophenyl phosphate: an active site titrant for lipoprotein lipase. Quinn DM. **Biochim Biophys Acta** 1985 Apr 25;834(2):267-71

ANALYSIS

Pulmonary macrophage: a major source of lipoprotein lipase in the lung. Okabe T, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):273-8

Lipogenesis and lipoprotein lipase in human adipose tissue: reproducibility of measurements and relationships with fat cell size. Savard R, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1448-52

Molecular size of bovine lipoprotein lipase as determined by radiation inactivation. Olivecrona T, et al. **J Biol Chem** 1985 Jun 10;260(11):6888-91

Effect of temperature and length of storage on serum-stimulated and serum-independent lipolytic activities in human milk. Clark RM, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):567-70

ANTAGONISTS & INHIBITORS

Binding of active and inactive forms of lipoprotein lipase to heparin. Effects of pH. Bengtsson-Olivecrona G, et al. **Biochem J** 1985 Mar 1;226(2):409-13

Modulation of lipoprotein lipase activity by apolipoproteins. Effect of apolipoprotein C-III. Wang CS, et al. **J Clin Invest** 1985 Feb;75(2):384-90

Purification of cachectin, a lipoprotein lipase-suppressing hormone secreted by endotoxin-induced RAW 264.7 cells. Beutler B, et al. **J Exp Med** 1985 May 1;161(5):984-95

Lipopolysaccharide-treated RAW 264.7 cells produce a mediator that inhibits lipoprotein lipase in 3T3-L1 cells. Mahoney JR Jr, et al. **J Immunol** 1985 Mar;134(3):1673-5

[Inhibition of lipoprotein lipolysis by polyarginine and evaluation of the mechanism of its interaction with lipoprotein lipase] Klimov AN, et al. **Biokhimiia** 1985 May;50(5):804-13 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Cells of a human monocytic leukemia cell line (THP-1) synthesize and secrete apolipoprotein E and lipoprotein lipase. Tajima S, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):526-31

Synthesis and secretion of lipoprotein lipase by human monocyte-derived macrophages. Stray N, et al. **Scand J Gastroenterol [Suppl]** 1985;107:67-72

BLOOD

Plasma activities of lipoprotein lipase, hepatic lipase and lecithin: cholesterol acyltransferase in patients considered for parenteral nutrition with fat emulsion. Heiler F, et al. **Am J Clin Nutr** 1985 Apr;41(4):748-52

Postheparin plasma triglyceride lipases. Relationships with very low density lipoprotein triglyceride and high density lipoprotein2 cholesterol. Applebaum-Bowden D, et al. **Arteriosclerosis** 1985 May-Jun;5(3):273-82

Post-heparin lipolytic activities and alterations of the chemical composition of high density lipoproteins in alcohol-induced type V hyperlipidemia. Breier C, et al. **Atherosclerosis** 1984 Sep;52(3):317-27

Post-heparin hepatic and lipoprotein lipase activities in nephrotic syndrome. Chan MK, et al. **Aust NZ J Med** 1984 Dec;14(6):841-7

Studies on enzymes related to diacylglycerol production in activated platelets. II. Subcellular distribution, enzymatic properties and positional specificity of diacylglycerol- and monoacylglycerol-lipases. Mauco G, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):169-77

On the specificity of assays for lipases in postheparin plasma. Nilsson-Ehle P. **Clin Chim Acta** 1984 Aug 31;141(2-3):293-8

Diacylglycerol lipase activity in human platelet intracellular and surface membranes. Some kinetic properties and fatty acid specificity. Authi KS, et al. **FEBS Lett** 1985 Jan 21;180(1):95-101

Hepatic triglyceride lipase and lipoprotein lipase activities in post-heparin plasma of patients with various cancers. Masuno H, et al. **Gann** 1985 Mar;76(3):202-7

Purification and characterization of human lipoprotein lipase and hepatic triglyceride lipase. Reactivity with monoclonal antibodies to hepatic triglyceride lipase. Cheng CF, et al. **J Biol Chem** 1985 Sep 5;260(19):10720-7

Plasma lipoprotein lipase activity in ganja smokers. Thakur RB. **J Indian Med Assoc** 1984 Jun;82(6):191-4

Essential role of post-heparin lipoprotein lipase activity and of plasma testosterone in coronary artery disease. Breier C, et al. **Lancet** 1985 Jun 1;1(8440):1242-4

Effect of low-dose oral contraceptives on lipoproteins and lipolytic enzymes: differences between two commonly used preparations. Leuven JA, et al. **Metabolism** 1984 Nov;33(11):1039-42

Postheparin plasma lipases and carnitine in infants during parenteral nutrition. Rovamo L. **Pediatr Res** 1985 Mar;19(3):292-7

Lipid clearing in premature infants during continuous heparin infusion: role of circulating lipases. Zaidan H, et al. **Pediatr Res** 1985 Jan;19(1):23-5

Diglyceryl lipase activity in mouse platelets. Franson RC, et al. **Thromb Res** 1984 Nov 15;36(4):323-9

Postheparin plasma lipoprotein lipase activity in heterozygotes of familial lipoprotein lipase deficiency. Kondo Y, et al. **Tohoku J Exp Med** 1985 Jan;145(1):1-6

[Activities of 2 plasma lipases and serum high density lipoprotein after heparin injection] Wu CZ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun;12(2):144-6 **(Chi)**

[Reduction of post-heparin lipoprotein lipase activity by acidotic blood pH] Breier C, et al. **Klin Wochenschr** 1984 Jun 15;62(12):593-4 (Eng. Abstr.)

[Lipoprotein lipase activity of the blood in c[illegible] glomerulonephritis patients] Cherniakin IuD, et al. **Urol Nefrol (Mosk)** 1985 Mar-Apr;(2):50-3 (Eng. Abstr.) **(Rus)**

[Age characteristics of lipoprotein lipase activity and cholesterol levels in various lipoprotein fractions] Bogatskaia LN, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):47-50 (Eng. Abstr.) **(Rus)**

[Comparison of the effect of homologous and heterologous albumin on the activity of lipoprotein lipase and liver triglyceride lipase in rabbit plasma] Klimov AN, et al. **Vopr Med Khim** 1985 May-Jun;31(3):93-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Antibody against rat adipose tissue lipoprotein lipase. Etienne

J, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):95–102

Monoclonal antibodies to bovine milk lipoprotein lipase. Evidence for proteolytic degradation of the native enzyme. Socorro L, et al. **J Biol Chem** 1985 May 25;260(10):6324–8

Monoclonal antibodies against bovine milk lipoprotein lipase. Characterization of an antibody specific for the apolipoprotein C-II binding site. Voyta JC, et al. **J Biol Chem** 1985 Jan 25;260(2):893–8

ISOLATION & PURIFICATION

[Value of electrofocusing for purifying lipoprotein lipase and preparing anti-LPL antibodies] Noé L, et al. **Reprod Nutr Dev** 1985;25(1B):271–4 **(Fre)**

METABOLISM

High muscle lipoprotein lipase activity in thyrotoxic patients. Lithell H, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):227–31

Lipolytic activity in the placentas of chronically deprived fetuses. Biale Y. **Acta Obstet Gynecol Scand** 1985; 64(2):111–4

The phospholipase C diglyceride lipase pathway contributes to arachidonic acid release and prostaglandin E2 formation in platelet-derived growth factor stimulated Swiss 3T3 cells. Habenicht AJ, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:37–9

Lipoprotein lipase--the molecule and its interactions. Olivecrona T, et al. **Agents Actions [Suppl]** 1984;16:55–67 (31 ref.)

Human adipose tissue lipoprotein lipase: changes with feeding and relation to postheparin plasma enzyme. Iverius PH, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E107–14

Relationship between type L hormone-sensitive lipase and endogenous triacylglycerol in rat heart. Miller WC, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R621–5

An enzymatic assay for activity of lipoprotein lipase. Woollett LA, et al. **Anal Biochem** 1984 Nov 15;143(1):25–9

Age-related changes in plasma lipid levels and tissue lipoprotein lipase activities of Fischer-344 rats. Carlile SI, et al. **Arch Gerontol Geriatr** 1985 Jul;4(2):133–40

Serum lipoprotein and lipoprotein lipase in overweight, type II diabetics during and after supplemented fasting. Vessby B, et al. **Arteriosclerosis** 1985 Jan–Feb;5(1):93–100

Lipoprotein lipase-catalyzed hydrolysis of phospholipid monolayers: effect of fatty acyl composition on enzyme activity. Jackson RL, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):670–5

Ester synthesis at extraordinarily low temperature of -3 degrees C by modified lipase in benzene. Takahashi K, et al. **Biochem Int** 1985 Apr;10(4):627–31

Relationship between type L hormone-sensitive lipase activity and endogenous triacylglycerol in the hearts of colchicine-treated rats. Miller WC, et al. **Biochem J** 1984 Dec 15;224(3):793–8

Lipoprotein lipase: molecular interactions of the enzyme. Cryer A. **Biochem Soc Trans** 1985 Feb;13(1):27–8

Solvent isotope effects for lipoprotein lipase catalyzed hydrolysis of water-soluble p-nitrophenyl esters. Quinn DM. **Biochemistry** 1985 Jun 18;24(13):3144–9

The mechanism of activation of lipoprotein lipase by apolipoprotein C-II. The formation of a protein-protein complex in free solution and at a triacylglycerol/water interface. Clarke AR, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):358–68

Lipoprotein lipase- and phospholipase A2-catalyzed hydrolysis of phospholipid vesicles with an encapsulated fluorescent dye. Effects of apolipoproteins. Fugman DA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):191–5

Starvation enhances lipoprotein lipase activity in the liver of the newborn rat. Grinberg DR, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):217–22

Diacylglycerol lipase and kinase activities in rat brain microvessels. Hee-Cheong M, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):59–68

Modulation of lipoprotein lipase in the intact rat by cholera toxin--an irreversible agonist of cyclic AMP. Knobler H, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):363–71

Lipoprotein lipase-mediated sequestration of long-chain polyunsaturated triacylglycerols in serum LDL from normal and hypothyroid rats. Ridgway N, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):64–71

Comparison of acyl-oxyester and acyl-thioester lipids as substrates for bovine milk lipoprotein lipase. Shinomiya M, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):212–20

Degradation of lipoprotein lipase in rat adipose tissue. Speake BK, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):419–22

Hepatic and extrahepatic uptake of intravenously injected lipoprotein lipase. Wallinder L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):513–24

Lipolytic activity of renal cortex during ontogenetic development in rats. Hohenegger M, et al. **Biol Neonate** 1985;47(1):54–60

Changes in lipoprotein lipase activity (LPLA) in tumor cells and tissues in mice bearing Ehrlich ascites tumor. Bálint Z, et al. **Bull Cancer (Paris)** 1984;71(5):412–8

An in vitro model to study lipolysis of rat hepatic very low density lipoprotein using cardiac lipoprotein lipase. Brissette L, et al. **Can J Biochem Cell Biol** 1984 Nov; 62(11):1076–80

Instability of endothelium-bound lipoprotein lipase activity in perfused rat hearts. Noël SP. **Can J Biochem Cell Biol** 1984 Feb–Mar;62(2–3):89–93

Sequential changes in the activities of lipoprotein lipase and lipogenic enzymes during tumor growth in rats. Lanza-Jacoby S, et al. **Cancer Res** 1984 Nov;44(11):5062–7

Effects of cold acclimation on the activity of lipoprotein lipase in adipose tissues of genetically obese Zucker rats. Bertin R, et al. **Comp Biochem Physiol [B]** 1985; 81(3):797–801

Analysis and lipoprotein lipase activation capacity of plasma lipoproteins isolated from atherosclerosis-susceptible White Carneau pigeon and atherosclerosis-resistant Show Racer pigeon. Hogg SI, et al. **Comp Biochem Physiol [B]** 1984; 79(2):251–4

Kinetics of human and bovine milk lipoprotein lipase and the mechanism of enzyme activation by apolipoprotein C-II. Posner I, et al. **Comp Biochem Physiol [B]** 1985; 80(1):171–4

Plasma lipid levels and heart lipoprotein lipase activity in mice under social stress. Lavín-Palmieri M, et al. **Cor Vasa** 1984;26(4):304–8

Non-response of muscle capillary density and lipoprotein-lipase activity to regular training in diabetic patients. Lithell H, et al. **Diabetes Res** 1985 Jan;2(1):17–21

Response of adipose tissue lipoprotein lipase activity and serum lipoproteins to acute hyperinsulinaemia in man. Yki-Järvinen H, et al. **Diabetologia** 1984 Sep;27(3):364–9

Glucose tolerance, plasma lipoproteins and tissue lipoprotein lipase activities in body builders. Yki-Järvinen H, et al. **Eur J Applied Physiol** 1984;53(3):253–9

Stimulatory effects of adenosine, adenosine analogs and insulin on adipose tissue lipoprotein lipase activity and their prevention by phosphodiesterase inhibitors. Bourdeaux AM, et al. **FEBS Lett** 1984 Dec 3;178(1):132–6

Effect of temperature on lipoprotein lipase and lipogenic enzyme activities in brown adipose tissue of hypophysectomized rats. Goubern M, et al. **Horm Metab Res** 1985 Apr;17(4):176–80

Effects of high dose progestin on serum lipids and lipid metabolizing enzymes in patients with endometrial cancer. Lehtonen A, et al. **Horm Metab Res** 1985 Jan;17(1):32–4

Lipoproteins, lipoprotein lipase, and glycogen after prolonged physical activity. Lithell H, et al. **J Appl Physiol** 1984 Sep;57(3):698–702

Mechanism of action of lipoprotein lipase on triolein particles: effect of apolipoprotein C-II. Tajima S, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1753–67

Apolipoprotein effects on the lipolysis of perfused triglyceride by heparin-immobilized milk lipase. Clark AB, et al. **J Biol Chem** 1985 Apr 25;260(8):4778–83

Lipoprotein lipase hydrolysis of trioleoylglycerol in a phospholipid interface. Effect of cholesteryl oleate on catalysis. Demel RA, et al. **J Biol Chem** 1985 Aug 15; 260(17):9589–92

Secretogogue-stimulated phosphatidylinositol breakdown in the exocrine pancreas liberates arachidonic acid, stearic acid, and glycerol by sequential actions of phospholipase C and diglyceride lipase. Dixon JF, et al. **J Biol Chem** 1984 Dec 10;259(23):14418–25

Maturation and secretion of lipoprotein lipase in cultured adipose cells. I. Intracellular activation of the enzyme. Vannier C, et al. **J Biol Chem** 1985 Apr 10;260(7):4424–31

Insulin responsiveness of adipose tissue lipoprotein lipase is delayed but preserved in obesity. Sadur CN, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1176–82

Regulation of lipoprotein lipase in primary cultures of isolated human adipocytes. Kern PA, et al. **J Clin Invest** 1985 Jan;75(1):199–208

Binding of diamine oxidase activity to rat and guinea pig microvascular endothelial cells. Comparisons with lipoprotein lipase binding. Robinson-White A, et al. **J Clin Invest** 1985 Jul;76(1):93–100

Bovine milk lipoprotein lipase transfers tocopherol to human fibroblasts during triglyceride hydrolysis in vitro. Traber MG, et al. **J Clin Invest** 1985 May;75(5):1729–34

Hypertriglyceridemia and its relation to tissue lipoprotein lipase activity in endotoxemic, Escherichia coli bacteremic, and polymicrobial septic rats. Scholl RA, et al. **J Surg Res** 1984 Nov;37(5):394–401

Factors of increase in serum triglyceride-rich lipoproteins in uremic rats. Roullet JB, et al. **Kidney Int** 1985 Feb; 27(2):420–5

Diacylglycerol lipase and pituitary prolactin release in vitro: studies employing RHC 80267. Canonico PL, et al. **Life Sci** 1985 Mar 11;36(10):997–1002

Decreased cardiac lipoprotein lipase activity in rats treated chronically with adriamycin. Thayer WS. **Life Sci** 1985 Feb 18;36(7):635–41

Exercise activation of myocardial lipoprotein lipase in male and estrogen-treated female rats. Goldberg DI, et al. **Metabolism** 1984 Oct;33(10):964–9

Fat feeding decreases insulin responsiveness of adipose tissue lipoprotein lipase. Sadur CN, et al. **Metabolism** 1984 Nov; 33(11):1043–7

Effect of desialylation of very low-density lipoproteins on their catabolism by lipoprotein lipase. Stoline AM, et al. **Metabolism** 1985 Jan;34(1):30–5

Sequence of alcohol-induced initial changes in plasma lipoproteins (VLDL and HDL) and lipolytic enzymes in humans. Taskinen MR, et al. **Metabolism** 1985 Feb; 34(2):112–9

Rapid movement of lipoprotein lipase among substrate globules. **Nutr Rev** 1985 Jan;43(1):29–30 (6 ref.)

The activity of hepatic lipase and lipoprotein lipase in glycogen storage disease: evidence for a circulating inhibitor of postheparin lipolytic activity. Muller DP, et al. **Pediatr Res** 1984 Sep;18(9):881–5

Adipose tissue lipoprotein lipase activity in rats maintained at a reduced body weight. Hamilton JM, et al. **Physiol Behav** 1984 Sep;33(3):373–8

Lipoprotein lipase is produced, regulated, and functional in rat brain. Eckel RH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7604–7

Lipoprotein lipase and the uptake of lipids by adipose cells during development. Cryer A. **Reprod Nutr Dev** 1985; 25(1B):255–70 (75 ref.)

Diurnal course of the suitability of serum samples obtained from normal subjects and from patients with primary endogenous hypertriglyceridaemia to serve as substrate for milk lipoprotein lipase. Mirani-Oostdijk CP, et al. **Scand J Clin Lab Invest** 1985 May;45(3):207–15

[Lipoprotein lipase and adipocyte differentiation] Ailhaud G, et al. **Reprod Nutr Dev** 1985;25(1B):153–8 (28 ref.) (Eng. Abstr.) **(Fre)**

[Activity of lipoprotein lipase in different adipose deposits and its relation to adipocyte size in the cow during fattening or early lactation] Chilliard Y, et al. **Reprod Nutr Dev** 1985; 25(1B):287–93 (Eng. Abstr.) **(Fre)**

[Lipoproteins, post-heparin lipoprotein lipase and hepatic triglyceride lipase in patients with and without severe hyperlipemia caused by alcoholism] Breier C, et al. **Acta Med Austriaca** 1985;12(1):25–9 (Eng. Abstr.) **(Ger)**

[Kinetics of triolein hydrolysis by lipoprotein lipase in the presence of apoprotein C-II] Dergunov AD, et al. **Dokl Akad Nauk SSSR** 1985 Mar–Apr;281(1):195–200 **(Rus)**

PHARMACODYNAMICS

Modified lipoprotein lipase catalyzes ester synthesis in benzene. Substrate specificity. Takahashi K, et al. **Enzyme** 1984;32(4):235–40

The effects of post-heparin plasma lipases on anti-Xa clotting activity. Williams SP, et al. **Thromb Res** 1985 Feb 1; 37(3):371–7

PHYSIOLOGY

Lipoprotein lipase in the physiological system. Speake BK, et al. **Biochem Soc Trans** 1985 Feb;13(1):29–31

SECRETION

Lipoprotein lipase secretion by human monocytes and guinea pig alveolar macrophages in culture. Yoshii H, et al. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):774–5

LIPOPROTEIN LIPASE DEFICIENCY, FAMILIAL see under **HYPERLIPOPROTEINEMIA**

LIPOPROTEIN-X

BLOOD

Quantification of lipoprotein X and its relationship to plasma lipid profile during different types of parenteral nutrition. Rigaud D, et al. **JPEN** 1984 Sep–Oct;8(5):529–34

Quantification of lipoprotein X and its relationship to plasma lipid profile during different types of parenteral nutrition [letter] Burgess P, et al. **JPEN J Parenter Enteral Nutr** 1985 May–Jun;9(3):377–8

[Case of drug-induced hepatitis with hyperlipoprotein-X-emia and densitometric determination of lipoprotein-X in the patient's serum after agarose gel electrophoresis and enzymatic cholesterol staining] Suehira S, et al. **Rinsho Byori** 1984 Dec;32(12):1365–71 **(Jpn)**

[Lipoprotein-X as an indicator of cholestasis in liver and biliary tract diseases] Sawaryn T. **Wiad Lek** 1984 Oct 1; 37(19):1522–7 (32 ref.) (Eng. Abstr.) **(Pol)**

LIPOPROTEINS

The role of hydrophobicity in the structure of the human plasma lipoproteins. Pownall HJ, et al. **Adv Exp Med Biol** 1985;183:85–97

An enzymatic method for radiolabeling vertebrate vitellogenin. Opresko L, et al. **Anal Biochem** 1984 Aug 1;140(2):372–9

ADMINISTRATION & DOSAGE

Effects of elevation of serum cholesterol and administration of amphotericin B complexed to lipoproteins on amphotericin B-induced toxicity in rabbits. Koldin MH, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):144–5

ANALYSIS

A comparative study of the size-heterogeneous high mannose oligosaccharides of some insect vitellins. Nordin JH, et al. **Comp Biochem Physiol [B]** 1984;79(3):379–90

Lipoprotein and phospholipid distribution in human follicular fluids. Perret BP, et al. **Fertil Steril** 1985 Mar;43(3):405–9

Carbonate dehydratase (carbonic anhydrase) in a spider. Association with the hemolymph lipoprotein. Stratakis E, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct; 365(10):1187–97

Biochemical & immunochemical analysis of liver specific protein. Panda SK, et al. **Indian J Med Res** 1985 Jan; 81:61-7

Distribution of apolipoproteins A-I and B among intestinal lipoproteins. Alpers DH, et al. **J Lipid Res** 1985 Jan; 26(1):1-10

Fine-structure analyses of lipid-protein and protein-protein interactions of gag protein p19 of the avian sarcoma and leukemia viruses by cyanogen bromide mapping. Pepinsky RB, et al. **J Virol** 1984 Oct;52(1):145-53

Investigation on extracellular slime substance produced by Staphylococcus epidermidis. Ludwicka A, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2-3):256-67

[Chylous ascites secondary to liver cirrhosis, with special reference to lymphangiography and lipoprotein analysis of chylous ascites] Sakurai H, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):40-7 **(Jpn)**

[Use of the BIAN-170 densitometer for analyzing lipoprotein electrophoregrams in polyacrylamide gel flat layers] Khliustov VN, et al. **Lab Delo** 1984;(9):573-4 **(Rus)**

BIOSYNTHESIS

Precocious synthesis of oestrogen-induced vitellogenin by embryos pre-treated with thyroid hormones. Schjeide OA, et al. **Cytobios** 1984;40(159-160):135-48

Interactions between fatty acid synthesis, oxidation, and esterification in the production of triglyceride-rich lipoproteins by the liver. Fukuda N, et al. **J Lipid Res** 1984 Aug;25(8):831-42

Effects of the degree of saturation of dietary fat on the hepatic production of lipoproteins in the African green monkey. Johnson FL, et al. **J Lipid Res** 1985 Apr; 26(4):403-17

Ribosomal ribonucleases in avian liver during estrogen-induced vitellogenin synthesis. Penttilä KE, et al. **J Steroid Biochem** 1985 Apr;22(4):559-61

The absorption of lipid and lipoprotein synthesis. Tso P, et al. **Lab Res Methods Biol Med** 1984;10:191-216 (120 ref.)

Coordinate estrogen induction of vitellogenin and a small serum protein mRNA in Xenopus laevis liver. Hayward MA, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):91-8

Regulation by estrogen receptor of vitellogenin gene transcription in Xenopus hepatocyte cultures. Perlman AJ, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):151-61

BLOOD

A comparison on blood lipids and fatty acid composition of lipoproteins between normal adults and patients with coronary heart disease. Wang SP, et al. **Acta Acad Med Wuhan** 1984;4(4):206-12

Lipids, lipoproteins and apolipoproteins in type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus. Bittolo Bon G, et al. **Acta Diabetol Lat** 1984 Oct-Dec;21(4):315-24

High muscle lipoprotein lipase activity in thyrotoxic patients. Lithell H, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):227-31

Isotachophoresis of human serum lipoproteins. Rižnar V, et al. **Acta Med Iugosl** 1984;38(5):339-50

Genetic and environmental determinants for lipoprotein concentrations in blood. Iselius L, et al. **Acta Med Scand** 1985;217(2):161-70

The effect of systemic heparinization on plasma lipoproteins and toxicity in patients on hemodialysis and continuous ambulatory peritoneal dialysis. Wessel-Aas T, et al. **Acta Med Scand** 1984;216(1):85-92

Lipid metabolic studies in women with a polycystic ovary syndrome during treatment with a low-dose desogestrel-ethinylestradiol combination. Cullberg G, et al. **Acta Obstet Gynecol Scand** 1985;64(3):203-7

A continuous estrogen-progestogen regimen for climacteric complaints. Effects on lipid and lipoprotein metabolism. Mattsson LA, et al. **Acta Obstet Gynecol Scand** 1984; 63(8):673-7

Serum lipids and lipoproteins in patients with endometrial carcinoma receiving adjuvant treatment with hydroxyprogesterone caproate. Onsrud M. **Acta Obstet Gynecol Scand** 1985;64(2):179-82

The influence of hormonal replacement therapy on lipid and lipoprotein metabolism. Crona N, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:49-52

Serum lipid and lipoprotein-cholesterol values in cord blood and on the sixth postnatal day in newborns of varying maturity. Tóth P, et al. **Acta Paediatr Hung** 1984; 25(3):275-81

Degradation of normal and abnormal plasma lipoproteins by cultured macrophages. Knight BL, et al. **Agents Actions [Suppl]** 1984;16:129-43

Influence of age, body-weight, smoking habits and alcohol consumption on the lipoprotein profile: preliminary results from a study performed on 6543 male industrial workers aged 40-59 years. Seidel D, et al. **Agents Actions [Suppl]** 1984;16:229-33

The effects of hypolipidaemic benzodiazepines on serum lipoproteins in hyperlipidaemic rats. Cuparencu B, et al. **Agressologie** 1985 Jan;26(1):53-5

Alcohol, lipids and heart disease. Barboriak JJ. **Alcohol** 1984 Jul-Aug;1(4):341-5 (79 ref.)

Effects of combination cholestyramine-neomycin treatment on plasma lipoprotein concentrations in type II hyperlipoproteinemia. Hoeg JM, et al. **Am J Cardiol** 1985 May 1;55(11):1282-6

Lipoprotein and apolipoprotein levels in angiographically defined coronary atherosclerosis. Schmidt SB, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1459-62

Effects of guar gum on plasma lipoproteins and apolipoproteins C-II and C-III in patients affected by familial combined hyperlipoproteinemia. Bosello O, et al. **Am J Clin Nutr** 1984 Dec;40(6):1165-74

Effects of cyclic (nocturnal) total parenteral nutrition and continuous enteral nutrition on circadian rhythms of blood lipids, lipoproteins and apolipoproteins in humans. Matuchansky C, et al. **Am J Clin Nutr** 1985 Apr; 41(4):727-34

Effect of dietary cholesterol and degree of fat unsaturation on plasma lipid levels, lipoprotein composition, and fecal steroid excretion in normal young adult men. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):399-413

Plasma lipid and lipoprotein response of humans to beef fat, coconut oil and safflower oil. Reiser R, et al. **Am J Clin Nutr** 1985 Aug;42(2):190-7

Coffee, plasma cholesterol, and lipoproteins. A population study in an adult community. Mathias S, et al. **Am J Epidemiol** 1985 Jun;121(6):896-905

Role of the apolipoprotein E polymorphism in determining normal plasma lipid and lipoprotein variation. Sing CF, et al. **Am J Hum Genet** 1985 Mar;37(2):268-85

The effect of hypertension in pregnant women on fetal adrenal function and fetal plasma lipoprotein-cholesterol metabolism. Parker CR Jr, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):263-9

Regulation of plasma lipid levels by plasma viscosity in nephrotic rats. Yedgar S, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E10-4

The role of plasma lipids in carotid bifurcation atherosclerosis. Ford CS, et al. **Ann Neurol** 1985 Mar; 17(3):301-3

Effects of excess dietary L-cystine on the rat plasma lipoproteins. Sérougne C, et al. **Ann Nutr Metab** 1984; 28(5):311-20

Lipids, lipoproteins and alpha-tocopherol: relationship and changes during adolescence. A longitudinal study. Widhalm K, et al. **Ann Nutr Metab** 1985;29(1):12-8

Lipoprotein levels in genetically selected mice with increased susceptibility to atherosclerosis. Breckenridge WC, et al. **Arteriosclerosis** 1985 May-Jun;5(3):256-64

Relationship of plasma lipoprotein Lp(a) levels to race and to apolipoprotein B. Guyton JR, et al. **Arteriosclerosis** 1985 May-Jun;5(3):265-72

Plasma lipoprotein levels in treated and untreated hypertensive men and women. The National Heart Foundation of Australia Risk Factor Prevalence Study. MacMahon SW, et al. **Arteriosclerosis** 1985 Jul-Aug; 5(4):391-6

Relative contribution of triglyceride-rich lipoprotein particle size and number to plasma triglyceride concentration. Poapst M, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):381-90

Effects of apoprotein E polymorphism on serum lipoprotein concentration. Robertson FW, et al. **Arteriosclerosis** 1985 May-Jun;5(3):283-92

Serum lipoprotein and lipoprotein lipase in overweight, type II diabetics during and after supplemented fasting. Vessby B, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):93-100

Influence of maximum aerobic capacity and relative body weight on the lipoprotein profile in athletes. Berg A, et al. **Atherosclerosis** 1985 May;55(2):225-31

Influence of age and sex on composition and lipid fluidity in miniature swine plasma lipoproteins. Berlin E, et al. **Atherosclerosis** 1985 Feb;54(2):187-203

Effect of egg yolk feeding on the concentration and composition of serum lipoproteins in man. Beynen AC, et al. **Atherosclerosis** 1985 Feb;54(2):157-66

Plasma lipid and lipoprotein cholesterol levels in swine. Modification of protein-induced response by added cholesterol and soy fiber. Cho BH, et al. **Atherosclerosis** 1985 Jul;56(1):39-49

Characterization of plasma lipids and lipoproteins in patients with beta 2-glycoprotein I (apolipoprotein H) deficiency. Hoeg JM, et al. **Atherosclerosis** 1985 Apr;55(1):25-34

Serum lipoproteins in Japanese rural community with low cardiovascular mortality. Hosaki S, et al. **Atherosclerosis** 1985 Jan;54(1):43-7

Application of SDS gradient polyacrylamide slab gel electrophoresis to analysis of apolipoprotein mass and radioactivity of rat lipoproteins. Irwin D, et al. **Atherosclerosis** 1984 Nov;53(2):163-72

Relationship between changes in plasma lipoprotein concentrations and fecal steroid excretion in man during consumption of four experimental diets. Kay RM, et al. **Atherosclerosis** 1985 Apr;55(1):15-23

Vitamin E and lipoproteins in hyperlipoproteinemia. Lambert D, et al. **Atherosclerosis** 1984 Dec;53(3):327-30

A year-long study of changes induced by thyroidectomy in the plasma lipid and lipoprotein spectrum in the European badger. Laplaud PM, et al. **Atherosclerosis** 1984 Nov;53(2):129-50

Lipoprotein distribution and composition in the human nephrotic syndrome. Muls E, et al. **Atherosclerosis** 1985 Feb;54(2):225-37

Circulating immune complexes, immunoglobulins, complement, antibodies to dietary antigens, cholesterol and lipoproteins levels in patients with occlusive coronary lesions. Romano EL, et al. **Atherosclerosis** 1984 Nov; 53(2):119-28

Serum lipoproteins and proteins after breast cancer surgery and effects of tamoxifen. Rössner S, et al. **Atherosclerosis** 1984 Sep;52(3):339-46

Relationship between lipoproteins including HDL subfractions and the intravenous fat tolerance test. Rössner S, et al. **Atherosclerosis** 1984 Sep;52(3):287-94

Comparative evaluation of the effects of ciprofibrate and fenofibrate on lipids, lipoproteins and apoproteins A and B. Rouffy J, et al. **Atherosclerosis** 1985 Mar;54(3):273-81

On the effects of dietary n-3 fatty acids (Maxepa) on plasma lipids and lipoproteins in patients with hyperlipidaemia. Simons LA, et al. **Atherosclerosis** 1985 Jan;54(1):75-88

Influence on serum lipids, lipoproteins and blood pressure of mackerel and herring diet in patients with type IV and V hyperlipoproteinemia. Singer P, et al. **Atherosclerosis** 1985 Jul;56(1):111-8

Changes in the serum lipoprotein pattern induced by two low-fat diets with a different vegetable content in hypercholesterolemic patients. Sommariva D, et al. **Atherosclerosis** 1985 Jul;56(1):119-24

Aberrations in lipoprotein lipids in men with coronary artery disease and the influence of obesity, smoking and beta-adrenoceptor blocking drugs. Wallentin L, et al. **Atherosclerosis** 1985 Mar;54(3):241-9

Effect of fenofibrate on serum lipoproteins in subjects with familial hypercholesterolemia and combined hyperlipidemia. Weisweiler P, et al. **Atherosclerosis** 1984 Dec;53(3):321-5

Physicochemical transfer of [3H]cholesterol from plasma lipoproteins to cultured human fibroblasts. Lundberg BB, et al. **Biochem J** 1985 May 15;228(1):219-25

An alternative procedure for incorporating radiolabelled cholesteryl ester into human plasma lipoproteins in vitro. Roberts DC, et al. **Biochem J** 1985 Feb 15;226(1):319-22

Characterization of plasma lipids and lipoproteins in cholesteryl ester storage disease. Kelly DR, et al. **Biochem Med** 1985 Feb;33(1):29-37

Diclofenac binding to albumin and lipoproteins in human serum. Chamouard JM, et al. **Biochem Pharmacol** 1985 May 15;34(10):1695-700

Effects of an antimitotic agent (cyclophosphamide) on plasma lipoproteins. Loudet AM, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2961-5

Reduction of lecithin-cholesterol acyltransferase, apolipoprotein D and the Lp(a) lipoprotein with the anabolic steroid stanozolol. Albers JJ, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):293-6

A density gradient study of the lipoprotein and apolipoprotein distribution in the chicken, Gallus domesticus. Hermier D, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):105-18

Alterations in biosynthesis and homeostasis of cholesterol and in lipoprotein patterns in mice bearing a transplanted lymphoid tumor. van Blitterswijk WJ, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):46-56

Alterations of lecithin-cholesterol acyltransferase activity during Plasmodium chabaudi rodent malaria. Maurois P, et al. **Biochimie** 1985 Feb;67(2):227-39

Lipoproteins and apoproteins of fetal and newborn piglets. Hollanders B, et al. **Biol Neonate** 1985;47(5):270-9

Fatty acid composition and action of serum lipoproteins on the PGI2-formation after various oil diets in hyperlipoproteinemia. Honigmann G, et al. **Biomed Biochim Acta** 1984;43(8-9):S443-6

Surface-core correlations in serum lipoproteins. Herak JN, et al. **Biosci Rep** 1984 Jul;4(7):559-64

A sequential comparison of etretinate (Tigason) and isotretinoin (Roaccutane) with special regard to their effects on serum lipoproteins. Vahlquist C, et al. **Br J Dermatol** 1985 Jan;112(1):69-76

Serum lipids: interactions between age and moderate intensity exercise. Van der Eems K, et al. **Br J Sports Med** 1985 Jun;19(2):112-4

Effects of dietary PCBs (Aroclor 1254) on serum levels of lipoprotein cholesterol in Fischer rats. Carter JW. **Bull Environ Contam Toxicol** 1985 Mar;34(3):427-31

The role of plasma lipoproteins in steroidogenic response of rat luteal cells during gonadotropin-induced refractory states. Rajendran KG, et al. **Can J Physiol Pharmacol** 1985 Mar;63(3):265-72

Evidence for a major role of plasma lipoproteins as hematoporphyrin carriers in vivo. Jori G, et al. **Cancer Lett** 1984 Oct;24(3):291-7

Normalization of plasma lipoprotein concentrations in patients with type II hyperlipoproteinemia by combined use of neomycin and niacin. Hoeg JM, et al. **Circulation** 1984 Dec;70(6):1004-11

Lipoprotein predictors of the severity of coronary artery disease in men and women. Reardon MF, et al. **Circulation** 1985 May;71(5):881-8

Associations of resting heart rate with concentrations of lipoprotein subfractions in sedentary men. Williams PT, et al. **Circulation** 1985 Mar;71(3):441-9

Precipitation of apo E-containing lipoproteins by precipitation reagents for apolipoprotein B. Gibson JC, et al. **Clin Chem** 1984 Nov;30(11):1784-8

Concentrations of lipids, lipoprotein, and apolipoproteins in serum of Zimbabwean Africans. Gomo ZA. **Clin Chem** 1985 Aug;31(8):1390-2

Cholesterol determination in serum after fractionation of lipoproteins by immunoprecipitation. Heuck CC, et al. **Clin Chem** 1985 Feb;31(2):252-6

Effects of isotretinoin on serum lipids and lipoproteins, liver and thyroid function. Marsden JR, et al. **Clin Chim Acta** 1984 Nov 30;143(3):243-51

Lipid- and lipoprotein values in octo- and nonagenarians free from overt degenerative arterial disease. Schneider J. **Clin Chim Acta** 1984 Oct 29;143(1):1-5

In vivo turnover studies of C-reactive protein and lipoproteins in the rabbit. Rowe IF, et al. **Clin Exp Immunol** 1984 Oct;58(1):245-52

Controlled trial of acifran in type II hyperlipoproteinemia. Hunninghake DB, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):313-7

Platelet fatty acid composition in relation to fatty acid composition in plasma and to serum lipoprotein lipids in healthy subjects with special reference to the linoleic acid pathway. Boberg M, et al. **Clin Sci** 1985 May;68(5):581-7

Plasma lipoprotein profiles and arylesterase activities in two inbred strains of rabbits with high or low response of plasma cholesterol to dietary cholesterol. Beynen AC, et al. **Comp Biochem Physiol [B]** 1984;79(3):401-6

Analysis and lipoprotein lipase activation capacity of plasma lipoproteins isolated from atherosclerosis-susceptible White Carneau pigeon and atherosclerosis-resistant Show Racer pigeon. Hogg SI, et al. **Comp Biochem Physiol [B]** 1984;79(2):251-4

Plasma vitellogenin in landlocked Atlantic salmon (Salmo salar Ouananiche): isolation, homologous radioimmunoassay and immunological cross-reactivity with vitellogenin from other teleosts. So YP, et al. **Comp Biochem Physiol [B]** 1985;81(1):63-71

Serum lipid and lipoprotein changes induced by new oral contraceptives containing ethinylestradiol plus levonorgestrel or desogestrel. Gaspard UJ, et al. **Contraception** 1985 Apr;31(4):395-408

Relationships of infant birth size to maternal lipoproteins, apoproteins, fuels, hormones, clinical chemistries, and body weight at 36 weeks gestation. Knopp RH, et al. **Diabetes** 1985 Jun;34 Suppl 2:71-7

Plasma lipids and lipoprotein cholesterol in undernourished diabetic subjects and adults with protein energy malnutrition. Das S, et al. **Diabetes Care** 1984 Nov-Dec;7(6):579-86

Response of adipose tissue lipoprotein lipase activity and serum lipoproteins to acute hyperinsulinaemia in man. Yki-Järvinen H, et al. **Diabetologia** 1984 Sep;27(3):364-9

Lack of correlation between serum lipoproteins and biliary cholesterol saturation in patients with gallstones. Marks JW, et al. **Dig Dis Sci** 1984 Dec;29(12):1118-22

Intersex differences in plasma lipid content and in various lipoprotein fractions in New Zealand albino rabbits. Hromadová M, et al. **Endocrinol Exp (Bratisl)** 1984 Dec;18(4):255-61

Glucose tolerance, plasma lipoproteins and tissue lipoprotein lipase activities in body builders. Yki-Järvinen H, et al. **Eur J Applied Physiol** 1984;53(3):253-9

Studies of lipoprotein metabolism in a patient with fish-eye disease. Turner PR, et al. **Eur J Clin Invest** 1984 Aug;14(4):273-7

The effects of two gonane progestins alone and in combination with ethinyl estradiol on serum lipoproteins. Crona N, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jun;19(6):365-74

Lipid composition of serum lipoproteins in relation to gonadal hormones during the normal menstrual cycle. Mattsson LA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):327-35

Bile acid binding in plasma: the importance of lipoproteins. Salvioli G, et al. **FEBS Lett** 1985 Aug 5;187(2):272-6

Metabolism of substrates: diet, lipoprotein metabolism, and exercise. Wood PD, et al. **Fed Proc** 1985 Feb;44(2):358-63 (31 ref.)

Variations in serum lipids and lipoproteins throughout the menstrual cycle. Ahumada Hemer H, et al. **Fertil Steril** 1985 Jul;44(1):80-4

Serum lipoproteins inhibitors of granulocyte-macrophage (GM) colony formation. Szmitkowski M, et al. **Folia Haematol (Leipz)** 1985;112(1):203-7

Some new observations on the binding of thyroxine and triiodothyronine to plasma proteins and lipoproteins in the domestic fowl. Mitchell MA, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):309-19

Short-term effect of oophorectomy on lipoprotein metabolism. Pansini F, et al. **Gynecol Obstet Invest** 1984;18(3):134-9

Lipid and lipoprotein levels following pure estradiol implantation in post-menopausal women. Sharf M, et al. **Gynecol Obstet Invest** 1985;19(4):207-12

Association of gamma-glutamyltransferase with plasma lipoprotein and lipid-protein complex in cholestasis. Watanabe M, et al. **Hepatogastroenterology** 1984 Oct;31(5):204-7

Plasma lipoproteins and apoproteins in primary biliary cirrhosis. Koga S, et al. **Hepatology** 1985 Mar-Apr;5(2):286-92

Changes of plasma lipids and lipoprotein levels during danazol treatment for endometriosis. Schweppe KW, et al. **Horm Metab Res** 1984 Nov;16(11):593-7

Plasma lipoproteins in streptozotocin-diabetic rats, after Triton WR-1339 treatment. Takahashi K, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:82-4

ABO associations with blood pressure, serum lipids and lipoproteins, and anthropometric measures. Borecki IB, et al. **Hum Hered** 1985;35(3):161-70

Serum lipoprotein cholesterol profile in diabetic retinopathy. Dhir SP, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):89-91

Lipids and lipoprotein values in normal children. Mirza K, et al. **Indian Pediatr** 1984 Apr;21(4):313-7

Serum lipids and lipoprotein values in children of coronary artery disease parents. Mirza K, et al. **Indian Pediatr** 1984 Mar;21(3):235-40

Heterogeneity of serum lipoproteins during the fetal and neonatal development of the pig. Johansson MB. **Int J Biochem** 1984;16(12):1359-66

Serum lipoprotein concentrations in relation to ethnic composition and urbanization in men and women of Trinidad, West Indies. Miller GJ, et al. **Int J Epidemiol** 1984 Dec;13(4):413-21

Plasma lipoproteins of monosodium glutamate-induced obese rats. Oida K, et al. **Int J Obes** 1984;8(5):385-91

Lipids and lipoproteins in obese adolescents during a hypocaloric diet [letter] Sterpa A, et al. **Int J Obes** 1984;8(5):467-8

Different effects of metoprolol and chlorthalidone on serum lipoprotein levels in mild hypertension. Possible implications for coronary heart disease risk status. Holtzman E, et al. **Isr J Med Sci** 1984 Dec;20(12):1169-76

Determinants of thyroid hormone and thyroid-lipid interrelationships in Jerusalem. Slater PE, et al. **Isr J Med Sci** 1984 Dec;20(12):1158-63

Effects on the serum lipoprotein concentrations by lipid-lowering diets with different fatty acid compositions. Gustafsson IB, et al. **J Am Coll Nutr** 1985;4(2):241-8

Lipoproteins, lipoprotein lipase, and glycogen after prolonged physical activity. Lithell H, et al. **J Appl Physiol** 1984 Sep;57(3):698-702

Effects of exercise training on plasma lipids and lipoproteins in rats. Pels AE 3d, et al. **J Appl Physiol** 1985 Feb;58(2):612-8

Plasma lipids and lipoprotein cholesterol in patients with premature ischaemic heart disease and ischaemic cerebrovascular disease. Das S, et al. **J Assoc Physicians India** 1984 Nov;32(11):949-54

Characterization of lipoprotein particles isolated by immunoaffinity chromatography. Particles containing A-I and A-II and particles containing A-I but no A-II. Cheung MC, et al. **J Biol Chem** 1984 Oct 10;259(19):12201-9

Plasma lipoproteins, antihypertensive drugs and coronary heart disease. Miller NE. **J Cardiovasc Pharmacol** 1985;7 Suppl 2:S105-9

Rapid separation of plasma lipoproteins by gel permeation chromatography on agarose gel Superose 6B. Ha YC, et al. **J Chromatogr** 1985 May 31;341(1):154-9

Analytical capillary isotachophoresis: a routine technique for the analysis of lipoproteins and lipoprotein subfractions in whole serum. Schmitz G, et al. **J Chromatogr** 1985 Feb 22;320(1):253-62

The effect of partial gastrectomy on lipoproteins and other characteristics. Glober GA, et al. **J Chronic Dis** 1985;38(7):609-15

The relationship of lipoprotein (a) (Lp(a)) to risk factors of coronary heart disease: initial results of the prospective epidemiological study on company employees in Westfalia. Schriewer H, et al. **J Clin Chem Clin Biochem** 1984 Sep;22(9):591-6

Suppression of plasma testosterone leads to an increase in serum total and high density lipoprotein cholesterol and apoproteins A-I and B. Goldberg RB, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):203-7

Effect of postpartum lactation on lipoprotein lipids and apoproteins. Knopp RH, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):542-7

Development of an integrated model for analysis of the kinetics of apolipoprotein B in plasma very low density lipoproteins, intermediate density lipoproteins, and low density lipoproteins. Beltz WF, et al. **J Clin Invest** 1985 Aug;76(2):575-85

Plasma concentration and lipid composition of lipoproteins in lactating dairy cows fed control and high grain diets. Grummer RR, et al. **J Dairy Sci** 1984 Dec;67(12):2894-901

Serum lipid and lipoprotein concentrations following exposure to ozone. Vaughan WJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):165-73

Plasma lipids and lipoproteins of a patient with cholesteryl ester storage disease. Kostner GM, et al. **J Inherited Metab Dis** 1985;8(1):9-12

The plasma lipoproteins in familial chylomicronemia. Analysis by zonal ultracentrifugation. Manzato E, et al. **J Lab Clin Med** 1984 Nov;104(5):778-88

Psychosocial and reproductive influences on plasma lipids, lipoproteins, and atherosclerosis in nonhuman primates. Clarkson TB, et al. **J Lipid Res** 1984 Dec 15;25(13):1629-34 (39 ref.)

The in vitro formation of HDL2 during the action of LCAT: the role of triglyceride-rich lipoproteins. Dieplinger H, et al. **J Lipid Res** 1985 Mar;26(3):273-82

Plasma lipoprotein changes attending the intravenous administration of Triton WR-1339 in normolipidemic dogs: preferential effect on high density lipoproteins. Edelstein C, et al. **J Lipid Res** 1985 Mar;26(3):351-9

Acute inhibition of hepatic lipase and increase in plasma lipoproteins after alcohol intake. Goldberg CS, et al. **J Lipid Res** 1984 Jul;25(7):714-20

Influence of probucol on cholesterol and lipoprotein metabolism in man. Kesäniemi YA, et al. **J Lipid Res** 1984 Aug;25(8):780-90

Concentration and composition of serum lipoproteins during a low-fat diet at two levels of polyunsaturated fat. Kuusi T, et al. **J Lipid Res** 1985 Mar;26(3):360-7

Plasma lipoproteins: apolipoprotein structure and function. Mahley RW, et al. **J Lipid Res** 1984 Dec 1;25(12):1277-94 (183 ref.)

Comparison of effects of dietary saturated, monounsaturated, and polyunsaturated fatty acids on plasma lipids and lipoproteins in man. Mattson FH, et al. **J Lipid Res** 1985 Feb;26(2):194-202

Serum lipids and lipoprotein composition in spontaneously diabetic BB Wistar rats. Patel ST, et al. **J Lipid Res** 1984 Oct;25(10):1072-83

Characterization of very low density lipoproteins and intermediate density lipoproteins of normo- and hyperlipidemic apolipoprotein E-2 homozygotes. Schmitz G, et al. **J Lipid Res** 1985 Mar;26(3):316-26

Effect of fasting on the composition of plasma lipoproteins in cholesterol-fed diabetic rabbits. Van Sickle WA, et al. **J Lipid Res** 1985 Apr;26(4):442-50

Latex immunoassay of human serum Lp(a+) lipoprotein. Vu-Dac N, et al. **J Lipid Res** 1985 Feb;26(2):267-9

Effects of vitamin E deficiency on the distribution of cholesterol in plasma lipoproteins and the activity of cholesterol 7 alpha-hydroxylase in rabbit liver. Chupukcharoen N, et al. **J Nutr** 1985 Apr;115(4):468-72

Dietary protein effects on lipoproteins and on sex and thyroid hormones in blood of rhesus monkeys. Portman OW, et al. **J Nutr** 1985 Apr;115(4):425-35

Comparison of serum apoproteins between physically active and inactive groups. Nagao N, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):219-24

The influence of treatment with estrogens and estramustine phosphate on platelet aggregation and plasma lipoproteins in non-disseminated prostatic carcinoma. Agardh CD, et al. **J Urol** 1984 Nov;132(5):1021-4

Treatment of prostatic cancer: effects on serum lipoproteins and the cardiovascular system. Rössner S, et al. **J Urol** 1985 Jan;133(1):53-7

Relationship of changes in obesity to serum lipid and lipoprotein changes in childhood and adolescence. Freedman DS, et al. **JAMA** 1985 Jul 26;254(4):515-20

Plasma lipoprotein levels in vegetarians. The effect of ingestion of fats from dairy products. Sacks FM, et al. **JAMA** 1985 Sep 13;254(10):1337-41

Differential effects of exercise on serum lipid and lipoprotein levels seen with changes in body weight. A meta-analysis. Tran ZV, et al. **JAMA** 1985 Aug 16;254(7):919-24

Human plasma lipoproteins and total parenteral nutrition with intravenous fat emulsion. Judd RH, et al. **JPEN** 1984 Sep-Oct;8(5):552-5

The changes in plasma lipoproteins in a case of heterozygous familial hypercholesterolemia after plasmapheresis. Homma Y, et al. **Jpn J Med** 1984 Aug;23(3):205-10

Plasma lipoproteins and lecithin:cholesterol acyltransferase distribution in patients on dialysis. McLeod R, et al. **Kidney Int** 1984 Apr;25(4):683-8

Acute influence of smoking on plasma lipoproteins. Gnasso A, et al. **Klin Wochenschr** 1984;62 Suppl 2:36-42

Influence of smoking on the plasma lipoprotein profile. Seidel D, et al. **Klin Wochenschr** 1984;62 Suppl 2:18-27

Serum lipoproteins in cholesterol-fed pigs after partial ileal bypass. Schouten JA, et al. **Lab Anim** 1985 Apr;19(2):98-105

Fractionation of plasma lipoproteins: evaluation of preparative methods. Ferreri LF. **Lab Res Methods Biol Med** 1984;10:133-56 (31 ref.)

Effect of KCD-232, a new hypolipidemic agent, on serum lipoprotein changes in hepatoma-bearing rats. Irikura T, et al. **Lipids** 1985 Jul;20(7):420-4

Org OD 14: long-term effects on serum lipoproteins. Farish E, et al. **Maturitas** 1984 Nov;6(3):297-9

Effect on lipoproteins of Trisequens, a combined hormone preparation. Fletcher CD, et al. **Maturitas** 1984 Nov;6(3):279-83

The effect of physical activity on lipid and lipoprotein levels. Goldberg L, et al. **Med Clin North Am** 1985 Jan;69(1):41-55 (122 ref.)

Effects of high cholesterol high fat diet on plasma lipoproteins in familial hypercholesterolemia. Cole TG, et al. **Metabolism** 1985 May;34(5):486-93

Longitudinal serum lipoprotein changes in white males during adolescence: the Bogalusa Heart Study. Freedman DS, et al. **Metabolism** 1985 Apr;34(4):396-403

Plasma lipoprotein abnormalities associated with acquired hepatic triglyceride lipase deficiency. Goldberg IJ, et al. **Metabolism** 1985 Sep;34(9):832-5

Altered HDL subclasses in endogenous hypertriglyceridemia are not affected by weight reduction. Gonen B, et al. **Metabolism** 1985 May;34(5):494-501

Plasma levels of apoprotein B in patients with diabetes mellitus: the effect of glycemic control. Gonen B, et al. **Metabolism** 1985 Jul;34(7):675-9

The effects of a high-carbohydrate low-fat cholesterol-restricted diet on plasma lipid, lipoprotein, and apoprotein concentrations in insulin-dependent (type I) diabetes mellitus. Hollenbeck CB, et al. **Metabolism** 1985 Jun;34(6):559-66

Effect of low-dose oral contraceptives on lipoproteins and lipolytic enzymes: differences between two commonly used preparations. Leuven JA, et al. **Metabolism** 1984 Nov; 33(11):1039-42

Normalization of low-density lipoprotein levels and disappearance of xanthomas during pregnancy in a woman with heterozygous familial hypercholesterolemia. Mabuchi H, et al. **Metabolism** 1985 Apr;34(4):309-15

Cholesterol precursors and their diurnal rhythm in lipoproteins of patients with jejuno-ileal bypass and ileal dysfunction. Miettinen TA. **Metabolism** 1985 May; 34(5):425-30

Relationship of carbohydrate intolerance to serum lipoprotein profiles in childhood. The Bogalusa Heart Study. Radhakrishnamurthy B, et al. **Metabolism** 1985 Sep; 34(9):850-60

Serum lipoproteins and endogenous sex hormones in early life: observations in children with different lipoprotein profiles. Srinivasan SR, et al. **Metabolism** 1985 Sep; 34(9):861-7

The effects of caloric restriction or exercise cessation on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Oct; 33(10):943-50

The effects of high-carbohydrate and high-fat diets on the serum lipid and lipoprotein concentrations of endurance athletes. Thompson PD, et al. **Metabolism** 1984 Nov; 33(11):1003-10

Influence of polyunsaturated fats and fat restriction on serum lipoproteins in humans. Weisweiler P, et al. **Metabolism** 1985 Jan;34(1):83-7

Postchallenge plasma lipoprotein retinoids: chylomicron remnants in endogenous hypertriglyceridemia. Wilson DE, et al. **Metabolism** 1985 Jun;34(6):551-8

Effect of diabetogenic action of streptozotocin on rat serum lipoproteins. Brunet C, et al.
Methods Find Exp Clin Pharmacol 1985 Feb;7(2):87-91

The influence of indapamide on serum lipoproteins in essential hypertension. Meyer-Sabellek W, et al.
Methods Find Exp Clin Pharmacol 1984 Aug;6(8):471-4

In vitro studies on the distribution of probucol among human plasma lipoproteins. Urien S, et al. **Mol Pharmacol** 1984 Sep;26(2):322-7

Diet, lipoproteins, and the progression of coronary atherosclerosis. The Leiden Intervention Trial. Arntzenius AC, et al. **N Engl J Med** 1985 Mar 28;312(13):805-11

Reduction of plasma lipids, lipoproteins, and apoproteins by dietary fish oils in patients with hypertriglyceridemia. Phillipson BE, et al. **N Engl J Med** 1985 May 9; 312(19):1210-6

Changes in plasma lipoproteins due to alcohol consumption. **Nutr Rev** 1985 Mar;43(3):74-6

Dyslipoproteinemia and xanthomatosis. Haber C, et al.
Pediatr Dermatol 1984 Apr;1(4):261-80 (90 ref.)

Studies of lipids, lipoproteins, and apolipoproteins in Menkes' disease. Blackett PR, et al. **Pediatr Res** 1984 Sep; 18(9):864-70

Postheparin plasma lipoprotein and hepatic lipases in preterm neonates. Rovamo L, et al. **Pediatr Res** 1984 Nov; 18(11):1104-7

Correctable plasma lipoprotein abnormalities in infants with choledochal cysts. Williams GJ, et al. **Pediatr Res** 1985 Feb;19(2):240-7

Regression of atherosclerotic lesions and control of plasma lipids and lipoprotein cholesterol by Anna Pavala Sindhooram therapy. Dhandapani K, et al.
Pharmacol Res Commun 1984 Aug;16(8):737-54

Long-term effects of fenofibrate on serum lipids and on lipoprotein cholesterol in type II hyperlipoproteinemic patients. Sommariva D, et al. **Pharmacol Res Commun** 1984 Aug;16(8):809-20

Interaction of human serum low density lipoproteins with porphyrins: a spectroscopic and photochemical study. Reyftmann JP, et al. **Photochem Photobiol** 1984 Dec; 40(6):721-9

Serum lipoproteins in chickens after administration of adrenocorticotropin or exposure to high temperature. Gould NR, et al. **Poult Sci** 1985 Mar;64(3):567-74

5 alpha-Cholest-8(14)-en-3 beta-ol-15-one lowers serum cholesterol and induces profound changes in the levels of lipoprotein cholesterol and apoproteins in monkeys fed a diet of moderate cholesterol content. Schroepfer GJ Jr, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6861-5

Benzo[a]pyrene uptake by serum lipids: correlation with triglyceride concentration. Yoo JS, et al.
Proc Soc Exp Biol Med 1984 Dec;177(3):434-40

Serum lipids and lipoproteins in patients with primary gout. Ulreich A, et al. **Rheumatol Int** 1985;5(2):73-7

Plasma lipoproteins, liver function and glucose metabolism in haemodialysis patients: lack of effect of L-carnitine supplementation. Nilsson-Ehle P, et al.
Scand J Clin Lab Invest 1985 Apr;45(2):179-84

Lipoprotein profile in dialysis and transplant patients. Lau YK, et al. **Singapore Med J** 1985 Apr;26(2):193-7

Effects of catechol estrogen methyl ethers on lipid metabolism in prepubertal rats. Rajan R, et al. **Steroids** 1984 May;43(5):499-507

Lipid and lipoprotein abnormalities in Chinese subjects with ischemic cerebrovascular disease. Ding YA, et al.
Taiwan I Hsueh Hui Tsa Chih 1984 Nov;83(11):1076-86

Triglyceride-rich lipoproteins are responsible for thrombin generation induced by lipid peroxides. Barrowcliffe TW, et al. **Thromb Haemost** 1984 Aug 31;52(1):7-10

Serum and lipoprotein lipid levels in diabetic patients with familial hypercholesterolemia. Koizumi J, et al.
Tohoku J Exp Med 1983 Dec;141 Suppl:599-604

Effect of ozone on serum lipids and lipoproteins in the rat. Mole ML Jr, et al. **Toxicol Appl Pharmacol** 1985 Sep 30; 80(3):367-76

The transport of cyclosporine in association with plasma lipoproteins in heart and liver transplant patients. Gurecki J, et al. **Transplant Proc** 1985 Aug;17(4):1997-2002

[Disorders in the quantitative and qualitative composition of the serum lipoproteins in ischemic heart disease patients] Orbetsov G, et al. **Vutr Boles** 1984;23(5):100-6 **(Bul)**

[Changes in serum lipid and lipoprotein levels in the toxemia of pregnancy] Peng HQ.
Chung Hua Fu Chan Ko Tsa Chih 1984 Jul;19(3):129-31, 189 (Eng. Abstr.) **(Chi)**

[The effect of short-term exhausting physical stress on the lipoprotein spectrum and on additional lipid parameters in sera] Brodan V, et al. **Cas Lek Cesk** 1985 Mar 29; 124(13):390-4 (Eng. Abstr.) **(Cze)**

[Use of lipid and lipoprotein fractions for estimation of risk of atherosclerosis] Synková J, et al. **Cas Lek Cesk** 1985 Apr 12;124(15):464-7 (Eng. Abstr.) **(Cze)**

[Changes in plasma lipids and lipoproteins in patients receiving long-term antihypertensive treatment] Jürgensen HJ, et al. **Ugeskr Laeger** 1985 Feb 11;147(7):596-9 (Eng. Abstr.) **(Dan)**

[Estrogens, progestins and blood lipids] Tikkanen MJ.
Duodecim 1984;100(22):1500-3 **(Fin)**

[Effect of metabolic control on plasma lipids and lipoproteins in insulin-dependent diabetes in children and adolescents] Jos J, et al. **Diabete Metab** 1985 Jun;11(3):174-80 (Eng. Abstr.) **(Fre)**

[Plasma lipoproteins of the preruminant calf] Bauchart D, et al. **Reprod Nutr Dev** 1985;25(1B):243-50 (Eng. Abstr.) **(Fre)**

[Plasma lipoproteins and fattening: description of a model in the domestic chicken, Gallus domesticus] Hermier D, et al. **Reprod Nutr Dev** 1985;25(1B):235-41 (Eng. Abstr.) **(Fre)**

[Effects of the essential fatty acid content of the diet on the distribution of polyunsaturated fatty acids in the lipoproteins of the rat pup] Nouvelot A, et al.
Reprod Nutr Dev 1985;25(1B):251-3 **(Fre)**

[Serum lipoprotein disorders in kala-azar] Mebazaa A, et al.
Tunis Med 1984 Mar-Apr;62(2):149-51 (Eng. Abstr.) **(Fre)**

[Antistreptolysin determination without destruction of lipoproteins--a technical error] Wigand R.
Immun Infekt 1983 Nov;11(6):220 **(Ger)**

[Physiology and pathophysiology of lipoprotein metabolism--relation to hyperlipemias and arteriosclerosis] Greten H, et al. **Internist (Berlin)** 1985 Jul;26(7):399-404 **(Ger)**

[Lipid and lipoprotein studies in nephrotic syndrome cases in childhood] László A, et al. **Kinderarztl Prax** 1985 Apr; 53(4):199-203 (Eng. Abstr.) **(Ger)**

[Different levels of lipoprotein Lp(a) in adult diabetic patients depending on the therapeutic regimen] Mertz DP, et al.
Klin Wochenschr 1985 Jul 15;63(14):648-50 (Eng. Abstr.) **(Ger)**

[Changes in serum lipoproteins under hormonal therapy of breast carcinoma and other endocrine-dependent tumors] Wander HE, et al. **Onkologie** 1985 Apr;8(2):88-92 (Eng. Abstr.) **(Ger)**

[Metabolism and possible mechanisms of atherogenesis induced by lipoprotein (a)] Krempler F.
Wien Klin Wochenschr [Suppl] 1984;151:1-12 (Eng. Abstr.) **(Ger)**

[The lipoprotein profile of hypertensive patients and its modification by 4 weeks of physical training during spa treatment] Biermann J, et al. **Z Gesamte Inn Med** 1985 Jul 1;40(13):396-9 (Eng. Abstr.) **(Ger)**

[Specificity and sensitivity of lipoprotein lipids in normal persons and cardiovascular patients] Herrmann W, et al.
Z Gesamte Inn Med 1985 Mar 15;40(6):180-3 (Eng. Abstr.) **(Ger)**

[Change in the concentration of lipoprotein parameters following swimming training in health resort patients] Herrmann W, et al. **Z Gesamte Inn Med** 1984 Jun 15; 39(12):277-81 (Eng. Abstr.) **(Ger)**

[Plasma lipoproteins in humans: metabolism and relation to atherosclerosis] Seidel D. **Z Kardiol** 1984;73 Suppl 2:23-8 (Eng. Abstr.) **(Ger)**

[The effect of plasma lipoproteins on blood platelets and its relation to atherosclerosis] Aviram M, et al. **Harefuah** 1984 Oct;107(7-8):190-4 **(Heb)**

[Changes in HDL-cholesterol, subfractions HDL2 and HDL3 and apo-A, apo-A1 and apo-B lipoproteins in patients with chronic renal failure subjected to maintenance hemodialysis] Scarazatti E, et al.
Boll Soc Ital Biol Sper 1985 Jan 30;61(1):15-21 (Eng. Abstr.) **(Ita)**

[Effect of physical exercise on serum lipoproteins] Palazzuoli V, et al. **Boll Soc Ital Cardiol** 1984 Jul-Aug;29(7-8):395-403 (Eng. Abstr.) **(Ita)**

[Effect of physical training in serum lipoproteins] Palazzuoli V, et al. **Cardiologia** 1984 Jul-Aug;29(7-8):395-403 (Eng. Abstr.) **(Ita)**

[Effect of sorbinicate on blood proteins and platelet aggregation in patients with coronary disease] Bonfiglioli D, et al. **Clin Ter** 1984 Jul 31;110(2):111-8 (Eng. Abstr.) **(Ita)**

[Clinical experience with oxendolone for treatment of benign prostatic hyperplasia. Clinical efficacy and effects on serum lipid and lipoprotein fraction levels] Yasukawa A, et al.
Hinyokika Kiyo 1984 Apr;30(4):537-43 (Eng. Abstr.) **(Jpn)**

[Serum lipids and lipoproteins in peripheral vascular disease] Umemoto T. **Nippon Geka Gakkai Zasshi** 1985 Jan; 86(1):84-97 (Eng. Abstr.) **(Jpn)**

[A study on the fatty acid composition of the plasma lipoprotein in patients with fractures] Nara C.
Nippon Seikeigeka Gakkai Zasshi 1984 Jun;58(6):591-605 (Eng. Abstr.) **(Jpn)**

[Serum lipoprotein abnormalities in patients with aortic aneurysm] Handa Y, et al. **Rinsho Byori** 1984 Nov; 32(11):1230-4 **(Jpn)**

[Plasma lipoprotein metabolism in patients with high density lipoprotein deficiency] Nakagawa H, et al. **Rinsho Byori** 1984 Jul;32(7):756-63 **(Jpn)**

[Plasma lipids and plasma lipoproteins] Henriksen T.
Tidsskr Nor Laegeforen 1985 Mar 20;105(8):585-9 (13 ref.) (Eng. Abstr.) **(Nor)**

[Use of precipitation methods of separating lipoprotein fractions for the diagnosis and differentiation of hyperlipoproteinemia types II and IV] Bobilewicz D, et al. **Przegl Lek** 1984;41(11):647-50 (Eng. Abstr.) **(Pol)**

[Composition of plasma lipoproteins and clinical indicators of the progression of arteriosclerosis in patients with primary hyperlipoproteinemia and different degrees of lipid change in the soft palate] Markiewicz M, et al.
Wiad Lek 1984 Jun 1;37(11):831-5 (Eng. Abstr.) **(Pol)**

[Characteristics of the structure of plasma lipoprotein crystals] Kurik MV, et al. **Biofizika** 1985 Mar-Apr; 30(2):297-300 (Eng. Abstr.) **(Rus)**

[Fluorescent probe--a cholesterol analog: localization in plasma lipoproteins and in model lipid particles] Lapshin EN, et al. **Biofizika** 1984 Nov-Dec;29(6):989-92 (Eng. Abstr.) **(Rus)**

[Inhibition of lipoprotein lipolysis by polyarginine and evaluation of the mechanism of its interaction with lipoprotein lipase] Klimov AN, et al. **Biokhimiia** 1985 May; 50(5):804-13 (Eng. Abstr.) **(Rus)**

[Incorporation of 1-0-alkyl-2-acetyl-sn-glycerol-3-phosphocholine into human plasma lipoproteins in vitro. Effect of the lecithin:cholesterol acyltransferase activity of plasma] Kulikov VI, et al. **Biokhimiia** 1984 Sep;49(9):1449-55 (Eng. Abstr.) **(Rus)**

[Malondialdehyde content of plasma lipoproteins and thrombocytes in patients with ischemic heart disease] Zykova VP, et al.
Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR 1984;7(2):82-6 (Eng. Abstr.) **(Rus)**

[Changes in the indices of plasma lipoprotein and apolipoprotein spectra in patients with myocardial infarct and unstable stenocardia over the course of a year's observation] Noeva EA, et al. **Kardiologiia** 1985 Feb; 25(2):46-52 (Eng. Abstr.) **(Rus)**

[Value of studying plasma lipoproteins in the diagnosis of progressive muscular dystrophies] Badalian LO, et al.
Lab Delo 1984;(9):548-50 (Eng. Abstr.) **(Rus)**

[Functional state of the cardiovascular system, the vegetative status and lipoprotein spectrum of blood serum in obese children] Lebed'kova SE, et al. **Pediatriia** 1985 Feb;(2):20-2 (Eng. Abstr.) **(Rus)**

[Biochemical factors involved in atherogenesis in pulmonary tuberculosis] Kamyshnikova VS, et al. **Probl Tuberk** 1984 Nov;(11):48-52 (Eng. Abstr.) **(Rus)**

[Lipoprotein metabolism in rabbits with cholesterol-induced hyperlipoproteinemia during physical conditioning] Kirienko TA, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):25-30 (Eng. Abstr.) **(Rus)**

[Study of the blood lipoprotein spectrum in patients with disseminated psoriasis in the course of selective phototherapy] Olisova MO, et al.
Vestn Dermatol Venerol 1985 Mar;(3):10-3 (Eng. Abstr.) **(Rus)**

[Age characteristics of lipoprotein lipase activity and cholesterol levels in various lipoprotein fractions] Bogatskaia LN, et al. **Vopr Med Khim** 1984 Sep-Oct; 30(5):47-50 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of plasma lipoproteins and mesenteric lymph in the rabbit: spectrum and chemical properties] Denisenko AD, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):65-72 (Eng. Abstr.) **(Rus)**

[Disruption of the cholesterol-transport function of lipoproteins in the blood plasma of patients with ischemic heart disease] Gerasimova EN, et al. **Vopr Med Khim** 1984; 30(6):71-6 (Eng. Abstr.) **(Rus)**

[Changes in blood lipoproteins in patients with peripheral atherosclerosis after hemosorption] Khalilov EM, et al.
Vopr Med Khim 1984;30(6):24-8 (Eng. Abstr.) **(Rus)**

[Characteristics of the structural organization of lipoproteins in the blood plasma of patients with ischemic heart disease using the spin probe method] Panasenko OM, et al.
Vopr Med Khim 1984;30(6):40-5 (Eng. Abstr.) **(Rus)**

[Effect of arginine on the lipid and lipoprotein content of animal blood] Ryzhenkov VE, et al. **Vopr Med Khim** 1984; 30(6):76-9 (Eng. Abstr.) **(Rus)**

[Hypokinesia, nutrition and lipid metabolism. Lipids and lipoproteins in the blood] Sharmanov TSh, et al.

Vopr Med Khim 1984 Sep–Oct;30(5):114–8 (Eng. Abstr.) **(Rus)**

[Effect of a low-frequency magnetic field on the blood lipoprotein spectrum in hypertension patients] Buiavykh AG. **Vrach Delo** 1984 Sep;(9):75–7 (Eng. Abstr.) **(Rus)**

[Lipoprotein metabolism, tocopherol level and peroxide imbalance in patients with nonspecific lung diseases] Iakovleva OIa, et al. **Vrach Delo** 1984 Oct;(10):39–42 (Eng. Abstr.) **(Rus)**

[Serum lipids and lipoproteins in patients with hypertension and chronic glomerulonephritis] Kovsh OIa, et al. **Vrach Delo** 1985 Feb;(2):61–5 (Eng. Abstr.) **(Rus)**

[Changes in lipid metabolism in patients with dyscirculatory encephalopathy] Fedin AI, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):39–44 (Eng. Abstr.) **(Rus)**

[Serum phospholipids and lipoprotein fractions in dogs during starvation and dietary lipemia] Corvić M, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):889–96 (Eng. Abstr.) **(Scc)**

[The effect of genetic factors on blood lipoprotein levels] Rašlová K, et al. **Bratisl Lek Listy** 1985 May;83(5):553–8 (Eng. Abstr.) **(Slo)**

[Monitoring the lipoprotein spectrum in so-called high risk children] Lešková L, et al. **Cesk Pediatr** 1984 Sep;39(9):518–21 (Eng. Abstr.) **(Slo)**

[Relation of apolipoproteins, lipoproteins and lipids in a fat loading test] Turay J, et al. **Vnitr Lek** 1985 Jun;31(6):534–41 (Eng. Abstr.) **(Slo)**

[Plasma lipoproteins in young adults with alcohol and tobacco habits] Rodriguez Reguero JJ, et al. **Med Clin (Barc)** 1985 May 4;84(17):682–4 (Eng. Abstr.) **(Spa)**

GENETICS

Effect of actinomycin-D on the fat body RNA content in Dysdercus koenigii (Heteroptera: Pyrrhocoridae). Vimala Devi PS, et al. **Biochem Int** 1985 May;10(5):787–93

Genetic variants of the lipoproteins and hyperlipidaemia. Galton DJ, et al. **Biochem Soc Trans** 1985 Feb;13(1):31–4

Amino acid sequence of phosvitin derived from the nucleotide sequence of part of the chicken vitellogenin gene. Byrne BM, et al. **Biochemistry** 1984 Sep 11;23(19):4275–9

Association of transcriptionally active vitellogenin II gene with the nuclear matrix of chicken liver. Jost JP, et al. **EMBO J** 1984 Sep;3(9):2005–8

Transient paralysis by heat shock of hormonal regulation of gene expression. Wolffe AP, et al. **EMBO J** 1984 Dec 1;3(12):2763–70

Sex- and tissue-specific, but hormonally independent, demethylation at the 3'-end of Xenopus vitellogenin gene B1. Ng WC, et al. **FEBS Lett** 1984 Dec 10;178(2):217–22

Estrogen-dependent modification of ribosomal proteins. Effects of estrogen withdrawal on the distribution of constitutive and hormonally regulated mRNAs. Cochrane AW, et al. **J Biol Chem** 1984 Dec 25;259(24):15408–13

Familial associations of lipids and lipoproteins in a highly consanguineous population: the Limone sul Garda study. Gualandri V, et al. **Metabolism** 1985 Mar;34(3):212–21

N-terminal glyceride-cysteine modification of membrane penicillinases in gram-positive bacteria. Lampen JO, et al. **Methods Enzymol** 1984;106:365–8

Evolution of vitellogenin genes: comparative analysis of the nucleotide sequences downstream of the transcription initiation site of four Xenopus laevis and one chicken gene. Germond JE, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8595–609

The C. elegans vitellogenin genes: short sequence repeats in the promoter regions and homology to the vertebrate genes. Spieth J, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5283–95

Sequence homologies in the region preceding the transcription initiation site of the liver estrogen-responsive vitellogenin and apo-VLDLII genes. Walker P, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8611–26

Specific modulation of the transcription of cloned avian vitellogenin II gene by estradiol-receptor complex in vitro. Jost JP, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):988–91

Injection of partially purified estrogen receptor protein from Xenopus liver nuclei into oocytes activates the silent vitellogenin locus. Knowland J, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5777–81

Lipoprotein genes and hyperlipidemia. Baralle FE, et al. **Schweiz Med Wochenschr** 1984 Oct 6;114(40):1351–8

[Characterization of specific receptors for estradiol, induction of vitellogenin and its mRNA in the liver of rainbow trout (Salmo gairdnerii)] Maitre JL, et al. **Biochimie** 1985 Feb;67(2):215–25 (Eng. Abstr.) **(Fre)**

[Lipoprotein Lp(a) as a risk factor for heart infarct—a family study] Klein G, et al. **Wien Med Wochenschr** 1984 Sep 30;134(18):403–8 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Immunological study of Pseudomonas aeruginosa extracellular slime. Stanislavsky ES, et al. **Acta Microbiol Hung** 1985;32(1):49–59

Endothelial cell cytotoxicity in inflammatory vascular diseases—the possible role of oxidised lipoproteins. Blake DR, et al. **Ann Rheum Dis** 1985 Mar;44(3):176–82

Modulation by lipoproteins of amphotericin B-induced immunostimulation. Little JR, et al. **Cell Immunol** 1985 Jun;93(1):212–21

Autoantibody to liver-specific lipoprotein in the mouse: regulation by naturally occurring autoantigen specific suppressor cells. Bartholomaeus WN, et al. **Clin Exp Immunol** 1984 Nov;58(2):307–16

Analysis of the antigenic composition of liver specific lipoprotein using murine monoclonal antibodies. Wiedmann KH, et al. **Gut** 1985 May;26(5):510–7

Immune responses to liver-specific lipoprotein and liver membrane antigen: a tabular interpretative review. Frazer IH, et al. **J Clin Lab Immunol** 1984 Aug;14(4):165–7

Identification of a mouse monoclonal antibody, LHLP-1, specific for human Lp(a). Duvic CR, et al. **J Lipid Res** 1985 May;26(5):540–8

Monoclonal antibody to rat apoC: multiple binding to apoC-I on lipoproteins increases its affinity constant. Wong L. **J Lipid Res** 1985 Jul;26(7):790–6

Antibodies to liver-specific lipoprotein in children with chronic liver disease due to 'autoimmune' chronic active hepatitis, cystic fibrosis, and alpha 1-antitrypsin deficiency. Larcher VF, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):728–33

[Normolipemic plane xanthomas and IgGk myeloma with anti-lipoprotein activity. Apropos of a case. Review of the literature] Doutre MS, et al. **Dermatologica** 1985;170(4):157–64 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Immunoaffinity isolation of apolipoprotein E-containing lipoproteins. Gibson JC, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):113–23

Properties of lipoprotein complexes isolated by affinity chromatography from human aorta. Camejo G, et al. **Biomed Biochim Acta** 1985;44(3):389–401

5,5'-Dithiobis(2-nitrobenzoic acid) does not influence isolation or lipid composition of lipoproteins obtained by ultracentrifugation [letter] Tallet F, et al. **Clin Chem** 1984 Oct;30(10):1713–4

Extraction of lipids from human whole serum and lipoproteins and from rat liver tissue with methylene chloride-methanol: a comparison with extraction with chloroform-methanol. Carlson LA. **Clin Chim Acta** 1985 Jun 30;149(1):89–93

Studies on phospholipase A inhibitor in blood plasma. I. Purification and characterization of phospholipase A inhibitor in bovine plasma. Miwa M, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):761–73

Isolation of labeled lipoprotein from Escherichia coli and Proteus mirabilis after incubation with [14C]penicillin. Gruner G, et al. **Z Naturforsch [C]** 1985 May–Jun;40(5–6):415–20

[Purification and effects of a low molecular weight inhibitor (non-peptide) of porcine spleen on in vitro colony formation by bone marrow cells] Hayase Y, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1059–64 (Eng. Abstr.) **(Jpn)**

METABOLISM

Risk factors for the development of premature cardiovascular disease. Brewer HB Jr, et al. **Adv Exp Med Biol** 1985;183:27–36 (46 ref.)

Hypertriglyceridemia and atherosclerosis analysis of an abnormal lipoprotein system and potential beneficial effects of triglyceride lowering therapy. Eisenberg S. **Adv Exp Med Biol** 1985;183:73–84

Dietary factors affecting lipoprotein metabolism. Nestel PJ. **Adv Exp Med Biol** 1985;183:253–63

Genetic mutations affecting human lipoprotein metabolism. Zannis VI, et al. **Adv Hum Genet** 1985;14:125–215, 383–6 (526 ref.)

Apolipoprotein B and lipoprotein metabolism. Sparks JD, et al. **Adv Lipid Res** 1985;21:1–46 (237 ref.)

Cologne atherosclerosis conference no. 2: Lipids. Cologne, May 2–4, 1984. **Agents Actions [Suppl]** 1984;16:1–241

The role of the monocyte/macrophage system in lipoprotein metabolism. Shepherd J, et al. **Agents Actions [Suppl]** 1984;16:147–52

The role of lysophosphatidylcholine in the regulation of the catabolism of triglyceride-rich lipoproteins. Windler E, et al. **Agents Actions [Suppl]** 1984;16:101–5

Origin and fate of cholesterol in rat plasma lipoproteins in vivo. I. Qualitative analysis. Magot T, et al. **Ann Nutr Metab** 1985;29(3):147–59

Origin and fate of cholesterol in rat plasma lipoproteins in vivo. II. Modelling of cholesterol absorption and its release into plasma lipoproteins. Magot T, et al. **Ann Nutr Metab** 1985;29(3):160–74

Effects of diet on lipoprotein metabolism. Goldberg AC, et al. **Annu Rev Nutr** 1985;5:195–212 (94 ref.)

Metabolism of atherogenic lipoproteins by smooth muscle cells of different phenotype in culture. Campbell JH, et al. **Arteriosclerosis** 1985 Jul–Aug;5(4):318–28

Apo E-containing lipoproteins in low or high density lipoprotein deficiency. Gibson JC, et al. **Arteriosclerosis** 1985 Jul–Aug;5(4):371–80

Influx of [3H,14C]cholesterol-labelled lipoprotein into re-endothelialized and de-endothelialized areas of ballooned aortas in normal-fed and cholesterol-fed rabbits. Day AJ, et al. **Atherosclerosis** 1985 Jun;55(3):339–51

Bacterial lipopeptides induce ion-conducting pores in planar bilayers. Maget-Dana R, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):965–71

Lipoproteins and the regulation of steroidogenesis. Simpson ER, et al. **Biochem Soc Trans** 1985 Feb;13(1):55–8

A specific subunit of vitellogenin that mediates receptor binding. Woods JW, et al. **Biochemistry** 1984 Nov 20;23(24):5774–80

Binding of lipoproteins and regulation of cholesterol synthesis in cultured mouse adipose cells. Barbaras R, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):492–501

Reactivity of human lipoproteins with purified lecithin: cholesterol acyltransferase during incubations in vitro. Rajaram OV, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):41–9

Follicle cell tubular system in the prawn Macrobrachium rosenbergii: a route for exchanges between haemolymph and vitellogenic oocytes? Jugan P, et al. **Biol Cell** 1984;51(3):395–8

Modern management of hyperlipidemia. Grundy SM. **Compr Ther** 1984 Sep;10(9):46–53 (20 ref.)

Lipoproteins and the regulation of adrenal steroidogenesis. Boggaram V, et al. **Endocr Res** 1984–85;10(3–4):387–409 (50 ref.)

Vitamin D3 uptake by the isolated perfused rat liver from lipoprotein fractions is separate from cholesterol and triglyceride uptake. Ziv E, et al. **Eur J Clin Invest** 1985 Apr;15(2):95–9

Role of the liver in the degradation of lipoproteins. Cooper AD. **Gastroenterology** 1985 Jan;88(1 Pt 1):192–205 (108 ref.)

Characterization and culture of sinusoidal endothelium from normal rat liver: lipoprotein uptake and collagen phenotype. Irving MG, et al. **Gastroenterology** 1984 Dec;87(6):1233–47

Penicillin-insensitive incorporation of D-amino acids into cell wall peptidoglycan influences the amount of bound lipoprotein in Escherichia coli. Tsuruoka T, et al. **J Bacteriol** 1984 Dec;160(3):889–94

The effect of ligand heterogeneity on the Scatchard plot. Particular relevance to lipoprotein binding analysis. Mendel CM, et al. **J Biol Chem** 1985 Mar 25;260(6):3451–5

Receptor-mediated uptake of remnant lipoproteins by cholesterol-loaded human monocyte-macrophages. Van Lenten BJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8783–8

Mechanism of action of gemfibrozil on lipoprotein metabolism. Saku K, et al. **J Clin Invest** 1985 May;75(5):1702–12

The roles of Golgi and endoplasmic reticulum in the synthesis and assembly of lipoprotein lipids in rat hepatocytes. Higgins JA, et al. **J Lipid Res** 1984 Dec 1;25(12):1295–305

Lipoprotein metabolism in experimental nephrosis. Marsh JB. **J Lipid Res** 1984 Dec 15;25(13):1619–23 (44 ref.)

Intestinal absorption and lipoprotein transport of (omega-3) eicosapentaenoic acid. Chen IS, et al. **J Nutr** 1985 Feb;115(2):219–25

Catabolism of newly formed triglyceride-rich lipoproteins and serum high density lipoproteins in rats fed soybean phospholipid and soybean oil. Murata M, et al. **J Nutr** 1985 Aug;115(8):994–1004

Carbon tetrachloride-induced inhibition of hepatocyte lipoprotein secretion: functional impairment of Golgi apparatus in the early phases of such injury. Poli G, et al. **Life Sci** 1985 Feb 11;36(6):533–9

Are plasma lipoprotein cholesteryl esters utilized for biliary cholesterol and bile acid production in man? Price SG, et al. **Life Sci** 1985 Jun 10;36(23):2217–22

The influence of protein and carbohydrate type on serum and liver lipids and lipoprotein cholesterol in rabbits. Bauer JE, et al. **Lipids** 1984 Nov;19(11):844–50

Contrasting effects of unmodified and time-release forms of niacin on lipoproteins in hyperlipidemic subjects: clues to mechanism of action of niacin. Knopp RH, et al. **Metabolism** 1985 Jul;34(7):642–50

The effects of exercise and a moderate hypercholesterolemic diet on plasma and hepatic lipoproteins in the rat. Mela DJ, et al. **Metabolism** 1984 Oct;33(10):916–21

Liver uptake of chylomicron remnants with high and low apoprotein E:C ratios. Borensztajn J, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5863–6

Lipoprotein and protein binding of the calcium channel blocker diltiazem. Kwong TC, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):313–6

Characteristics of phosphate-binding proteolipid isolated from rat kidney brush border membrane. Debiec H, et al. **Prog Clin Biol Res** 1984;168:349–53

Androgen and FSH synergistically stimulate lipoprotein degradation and utilization by ovary granulosa cells. Schreiber JR, et al. **Steroids** 1984 Jan;43(1):25–42

Changes in lipoproteins in response to Cavinton administration in aged hyperlipaemic patients. Banga I, et al. **Ther Hung** 1982;30(1):25–9

Lipoprotein metabolism in diabetics treated with diet, oral hypoglycemic drug and insulin. Tada N, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:619–26

Changes in lipoprotein metabolism during a supplemented fast and an ensuing vegetarian diet period. Lithell H, et al. **Ups J Med Sci** 1985;90(1):73–83

[Insulin-dependent diabetes and lipoprotein metabolism] Berthezène F, et al. **Journ Annu Diabetol Hotel Dieu** 1984:115–23 (34 ref.) **(Fre)**

[How does endogenous and exogenous cholesterol influence the lipoprotein metabolism. Effects of long-term endurance exercise, and accumulation of cholesterol ester on the aortic wall] Terao T, et al. **Nippon Seirigaku Zasshi** 1985; 47(3):130–40 (Eng. Abstr.) **(Jpn)**

[Binding of 1-0-alkyl-2-0-acetyl-sn-glycero-3-phosphocholine (thrombocyte activating factor) by plasma components. Exchange of the thrombocyte activating factor between lipoproteins and thrombocytes] Kulikov VI, et al. **Biokhimiia** 1984 Aug;49(8):1310–5 (Eng. Abstr.) **(Rus)**

[Catabolism of lipoproteins] Bellod P, et al. **Rev Clin Esp** 1985 May;176(9):433–41 (145 ref.) (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Cholesterol synthesis by human fetal hepatocytes: effect of lipoproteins. Carr BR, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):551–7

Selective release from platelet granules induced by plasma lipoproteins. Aviram M, et al. **Biochem Med** 1984 Aug; 32(1):30–3

Prostacyclin-lipoprotein interactions. Studies on human platelet aggregation and adenylate cyclase. Colli S, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2451–7

Influence of red blood cells, serum albumin, and serum lipoproteins on the clearance of benzo[alpha]pyrene by isolated livers of 3-methylcholanthrene-treated rats. Wiersma DA, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3433–8

Accessory cells reduce lipoprotein suppression of lymphocyte activation. Okano Y, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):68–80

Effect of lipoproteins, 25-hydroxycholesterol and luteinizing hormone on in vitro follicular steroidogenesis in the hamster and rat. Wang SC, et al. **Biol Reprod** 1984 Sep; 31(2):271–9

Lipoprotein-induced insulin resistance in aortic endothelium. Berliner JA, et al. **Diabetes** 1984 Nov;33(11):1039–44

Synthetic lipopeptide analogs of bacterial lipoprotein are potent polyclonal activators for murine B lymphocytes. Bessler WG, et al. **J Immunol** 1985 Sep;135(3):1900–5

Lipoprotein augmentation of human chorionic gonadotropin and prolactin stimulated progesterone synthesis by rat luteal cells. Menon M, et al. **J Steroid Biochem** 1985 Jan; 22(1):79–84

Induction of macrophage growth by lipoprotein. Yui S, et al. **Jpn J Exp Med** 1985 Feb;55(1):29–35

The functional activity of adult mouse Leydig cells in monolayer culture: effect of lipoproteins, pregnenolone and cholera-toxin. Hunter MG, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):217–28

PHYSIOLOGY

Inhibition of bone marrow colony formation by human natural killer cells and by natural killer cell-derived colony-inhibiting activity. Degliantoni G, et al. **J Exp Med** 1985 May 1;161(5):1152–68

SECRETION

Investigations into the direct effects of insulin on hepatic ketogenesis, lipoprotein secretion and pyruvate dehydrogenase activity. Laker ME, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):427–30

Accumulation of prolipoprotein in Escherichia coli mutants defective in protein secretion. Hayashi S, et al. **J Bacteriol** 1985 Mar;161(3):949–54

URINE

Urinary cholesterol: its association with a macromolecular protein-lipid complex. Jüngst D, et al. **J Lipid Res** 1984 Jul;25(7):655–64

A case of nephrotic syndrome with urinary excretion of lipoproteins. Sasaki J, et al. **Jpn J Med** 1984 Aug; 23(3):242–5

LIPOPROTEINS, HDL

Chain dynamics of selectively deuterated fatty acids in high-density lipoproteins studied by deuterium NMR. Parmar YI, et al. **Biochemistry** 1985 Jan 1;24(1):171–6

Comparative study of the lipid dynamics in the surface layer of porcine and human high density lipoprotein subclasses by spin labeling. Nöthig-Laslo V, et al. **Chem Phys Lipids** 1985 Mar;36(4):373–86

ANALYSIS

Post-heparin lipolytic activities and alterations of the chemical composition of high density lipoproteins in alcohol-induced type V hyperlipidemia. Breier C, et al. **Atherosclerosis** 1984 Sep;52(3):317–27

The distribution of cholesterol and apoprotein A-I between the lipoproteins in plasma and peripheral lymph from normal human subjects. Rudra DN, et al. **Atherosclerosis** 1984 Dec;53(3):297–308

Hypocholesterolaemia and abnormal high-density lipoprotein in rheumatoid arthritis. Lorber M, et al. **Br J Rheumatol** 1985 Aug;24(3):250–5

Cholesterol determination in HDL, HDL2 and HDL3 fractions after polyanion precipitation: a comparison between chemical extractive and totally enzymatic procedures. Baldo Enzi G, et al. **Clin Chim Acta** 1985 Feb 28;146(1):81–6

The cholesterol content of HDL2 and HDL3 subfractions of high density lipoproteins in different normocholesterolemic populations. Neel D, et al. **Clin Chim Acta** 1984 Oct 15;142(3):319–24

Immunochemical heterogeneity of human plasma high density lipoproteins. Identification with apolipoprotein A-I- and A-II-specific monoclonal antibodies. Curtiss LK, et al. **J Biol Chem** 1985 Mar 10;260(5):2982–93

Isoforms of apolipoprotein A-II in human plasma and thoracic duct lymph. Identification of proapolipoprotein A-II and sialic acid-containing isoforms. Lackner KJ, et al. **J Biol Chem** 1985 Jan 25;260(2):703–6

Density gradient characterization of the high density lipoproteins in cholesterol-fed hyper- and hyporesponding patas monkeys (Erythrocebus patas). Melchior GW, et al. **J Lipid Res** 1984 Sep;25(9):979–90

Subfractionation and characterization of native and incubation enlarged human plasma high density lipoprotein particles by high performance gel filtration. Holmquist L, et al. **Lipids** 1985 Jun;20(6):378–88

BIOSYNTHESIS

Lipoprotein synthesis and secretion by cultured rat hepatocytes. Parallel inhibition of secretion of VLDL, HDL and albumin by monensin. Melin B, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):574–88

Synthesis of apolipoprotein A1 in skeletal muscles of normal and dystrophic chickens. Shackelford JE, et al. **J Biol Chem** 1985 Jan 10;260(1):288–91

Biosynthesis of high density lipoprotein by chicken liver: conjugation of nascent lipids with apoprotein A1. Banerjee D, et al. **J Cell Biol** 1984 Dec;99(6):1917–26

The in vitro formation of HDL2 during the action of LCAT: the role of triglyceride-rich lipoproteins. Dieplinger H, et al. **J Lipid Res** 1985 Mar;26(3):273–82

BLOOD

Plasma lipoproteins during and after danazol treatment. Fåhraeus L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:133–5

Metabolism of rat serum high-density lipoprotein apolipoprotein A-IV. Dallinga-Thie GM, et al. **Agents Actions [Suppl]** 1984;16:87–93

Modulation of high-density lipoprotein: the importance of protein phosphorylation/dephosphorylation. Hooper PL, et al. **Am Heart J** 1984 Nov;108(5):1393–8 (58 ref.)

Initial plasma high-density lipoprotein distribution in the rat: effects of age, sex, and fasting. Cohn JS, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G369–76

Combination of affinity chromatography and analytical polyacrylamide gel electrophoresis for rapid measurement of human serum high-density lipoprotein apoproteins. Dumon MF, et al. **Anal Biochem** 1984 Aug 15;141(1):25–32

Identification of alcohol abuse using laboratory tests and a history of trauma. Skinner HA, et al. **Ann Intern Med** 1984 Dec;101(6):847–51

Atherogenic diet-induced modification of the subfraction distribution of high density lipoproteins in monkeys. Rudel LL, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):636–46

Effects of ethyl-2-(4-chlorophenyl)-5-ethoxy-4-oxazole acetate (Y-9738) on the serum lipids of patients with hyperlipidemia and/or hypo-HDL-emia. Kajiyama G, et al. **Arzneimittelforsch** 1984;34(6):730–3

Increased concentration of high density lipoprotein in plasma and decreased platelet aggregation in primary biliary cirrhosis. Baruch Y, et al. **Atherosclerosis** 1984 Nov; 53(2):151–62

Total plasma apo E and high density lipoprotein apo E in survivors of myocardial infarction. Bittolo Bon G, et al. **Atherosclerosis** 1984 Oct;53(1):69–75

Lack of relationship between changes in adiposity and plasma lipids following endurance training. Després JP, et al. **Atherosclerosis** 1985 Feb;54(2):135–43

More on the enlargement of high density lipoproteins induced by incubation of human serum [letter] Gambert P, et al. **Atherosclerosis** 1984 Nov;53(2):221–3

The effect of etophylline clofibrate on HDL subfractions. Haberbosch W, et al. **Atherosclerosis** 1985 Apr;55(1):71–80

Effects of two progestins with different androgenic properties on hepatic endothelial lipase and high density lipoprotein2. Kuusi T, et al. **Atherosclerosis** 1985 Mar;54(3):251–62

Effects of fenofibrate on high and low density lipoprotein metabolism in heterozygous familial hypercholesterolemia. Malmendier CL, et al. **Atherosclerosis** 1985 May; 55(2):161–9

Marked hyper-HDL2-cholesterolemia associated with premature corneal opacity. A case report. Matsuzawa Y, et al. **Atherosclerosis** 1984 Nov;53(2):207–12

Accelerated turnover of very low density lipoprotein triglycerides in chronic alcohol users. A possible mechanism for the up-regulation of high density lipoprotein by ethanol. Sane T, et al. **Atherosclerosis** 1984 Nov;53(2):185–93

The use of heparin-sepharose affinity chromatography to separate two distinct lipoproteins from the low density lipoprotein fraction of rat plasma. Suri BS, et al. **Atherosclerosis** 1984 Nov;53(2):195–205

Thyrotropin interaction with high-density lipoproteins. Bifulco M, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):191–200

Accumulation of HDL-like lipoproteins in the plasma low-density fractions of tumor-bearing mice. Damen J, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):495–8

Factors affecting the conversion of high-density lipoproteins: experiments with pig and human plasma. Knipping G, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):244–52

Appearance of serum amyloid protein in high-density lipoproteins of rabbits subjected to relatively mild stimuli. Moon EA, et al. **Biochim Biophys Acta** 1984 Dec 6; 796(3):354–8

Evidence of the existence of a high-density lipoprotein transformation factor in pig and rabbit plasma. Rye KA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):230–7

Purification and characterization of human plasma proteins that inhibit lipid transfer activities. Son YS, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):473–80

Tangier disease apolipoprotein A-I compared with normal plasma A-I using monoclonal antibodies. Weech PK, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):402–7

Apolipoprotein A-I from normal human plasma: definition of three distinct antigenic determinants. Weech PK, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):390–401

Reversible and irreversible interactions between elastin and plasma lipoproteins. Winlove CP, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):374–80

Preferential adsorption of high density lipoprotein from blood plasma onto biomaterial surfaces. Breemhaar W, et al. **Biomaterials** 1984 Sep;5(5):269–74

Interaction of prostaglandins with phospholipid vesicles, serum lipoproteins and erythrocytes. Bergelson LD, et al. **Biomed Biochim Acta** 1984;43(8–9):S121–4

The ratio of plasma high-density lipoprotein cholesterol to total and low-density lipoprotein cholesterol: age-related changes and race and sex differences in selected North American populations. The Lipid Research Clinics Program Prevalence Study. Green MS, et al. **Circulation** 1985 Jul;72(1):93–104

High-density lipoprotein phospholipid concentrations in serum of patients with liver disease [letter] Akaike M, et al. **Clin Chem** 1985 Jun;31(6):1083–4

Variations in total phospholipids and high-density lipoprotein phospholipids in plasma from a general population: reference intervals and influence of xenobiotics. Cuvelier I, et al. **Clin Chem** 1985 May;31(5):763–6

Should plasma high-density lipoprotein subfractions be evaluated? [letter] Joven J, et al. **Clin Chem** 1985 Jun; 31(6):1095–6

Six methods for isolating high-density lipoprotein compared, with use of the reference method for quantifying cholesterol in serum. Wiebe DA, et al. **Clin Chem** 1985 May;31(5):746–50

Changes in human high density lipoproteins in patients with extra-hepatic biliary obstruction. Coulhon MP, et al. **Clin Chim Acta** 1985 Jan 30;145(2):163–72

Selective determination of cholesterol in high density lipoprotein subfractions (HDL2 and HDL3) in patients with cerebral and peripheral arteriosclerosis. Fellin R, et al. **Clin Chim Acta** 1985 Apr 30;147(3):233–40

Effect of storage on the precipitation procedure for the measurement of HDL subclasses in serum. Khan SR, et al. **Clin Chim Acta** 1984 Dec 15;144(1):59–63

Evaluation of a new HDL2/HDL3 quantitation method based on precipitation with polyethylene glycol. Kostner GM, et al. **Clin Chim Acta** 1985 May 30;148(2):139–47

Abnormal high density lipoprotein of primary biliary cirrhosis analyzed by high performance liquid chromatography. Teramoto T, et al. **Clin Chim Acta** 1985 Jul 15;149(2–3):135–48

Apolipoproteins of human plasma high density lipoproteins. Biology, biochemistry and clinical significance. Scanu AM, et al. **Clin Physiol Biochem** 1984;2(2–3):111–22 (65 ref.)

Incubation of human lipid transfer protein with plasma from normal-fed and cholesterol-fed rats: effect on the distribution of constituents between lipoprotein fractions. Ha YC, et al. **Comp Biochem Physiol [B]** 1984;78(3):675–82

Effects of levonorgestrel and desogestrel in low-dose oral contraceptive combinations on serum lipids, apolipoproteins A-I and B and glycosylated proteins. Bergink EW, et al. **Contraception** 1984 Jul;30(1):61–72

High density lipoprotein changes during treatment of diabetic ketoacidosis. Joven J, et al. **Diabete Metab** 1985 Apr; 11(2):102–5

Apolipoproteins as the basis for heterogeneity in high-density lipoprotein2 and high-density lipoprotein3. Studies by isoelectric focusing on agarose films. Marcel YL, et al. **Eur J Biochem** 1984 Sep 17;143(3):467–76

The effect of a rat plasma high-density lipoprotein subfraction on the synthesis of bile salts by rat hepatocyte monolayers. Ford RP, et al. **FEBS Lett** 1985 Jan 1; 179(1):177–80

Elevation of high density lipoproteins in acromegalics after lisuride treatment. Hainer V, et al. **Horm Metab Res** 1985 Apr;17(4):220–1

Hyper-alpha-lipoproteinemia in rats induced by sucrose and insulin. Yoshino G, et al. **Horm Metab Res** 1985 May; 17(5):268–9

Chromatofocusing of apolipoproteins from human serum high density lipoprotein. Knipping G, et al. **Int J Biochem** 1984;16(11):1149–54

Changes in HDL composition in female subjects following a 100-km run. Schriewer H, et al. **Int J Sports Med** 1984 Aug;5(4):209–12

A spin-label study on human high density lipoprotein

Kanashiro M, et al. **J Biochem (Tokyo)** 1985 Mar; 97(3):935–45

Association of apolipoprotein A–II with egg phosphatidylcholine unilamellar vesicles. Yokoyama S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):871–80

The enzyme that cleaves apolipoprotein A–II upon in vitro incubation of human plasma high–density lipoprotein–3 with blood polymorphonuclear cells is an elastase. Byrne RE, et al. **J Biol Chem** 1984 Dec 10;259(23):14537–43

Factors controlling the release from human blood polymorphonuclear cells in vitro of a proteolytic activity directed against apolipoprotein A–II. Polacek D, et al. **J Biol Chem** 1984 Dec 10;259(23):14531–6

High–performance liquid chromatography of apolipoproteins in serum high–density lipoproteins. Okazaki M, et al. **J Chromatogr** 1984 Dec 7;336(1):151–9

Resolution and quantitation of apolipoproteins A–I and A–II from human high–density lipoprotein by size exclusion high–performance liquid chromatography. Young PM, et al. **J Chromatogr** 1984 Nov 9;311(1):79–92

High density lipoprotein and coronary artery disease risk factors in children with different lipoprotein profiles: Bogalusa Heart Study. Freedman DS, et al. **J Chronic Dis** 1985;38(4):327–38

Observations of HDL components in female probands following an ultra–long distance run of 100 miles. Schriewer H, et al. **J Clin Chem Clin Biochem** 1985 Jan; 23(1):21–5

HDL phosphatidyl choline and risk–factors of coronary heart disease. Schriewer H, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):515–21

Postprandial lipemia. A key for the conversion of high density lipoprotein2 into high density lipoprotein3 by hepatic lipase. Patsch JR, et al. **J Clin Invest** 1984 Dec; 74(6):2017–23

Elevated levels of apolipoprotein E in the high density lipoproteins of human cord blood plasma. Blum CB, et al. **J Lipid Res** 1985 Jun;26(6):755–60

Plasma lipoprotein changes attending the intravenous administration of Triton WR–1339 in normolipidemic dogs: preferential effect on high density lipoproteins. Edelstein C, et al. **J Lipid Res** 1985 Mar;26(3):351–9

Effects of fat ingestion on high density lipoprotein profiles in human sera. Groot PH, et al. **J Lipid Res** 1984 Jul; 25(7):684–92

Role of lipid transfers in the formation of a subpopulation of small high density lipoproteins. Hopkins GJ, et al. **J Lipid Res** 1985 Feb;26(2):218–29

Apolipoprotein A–I–containing lipoproteins with pre–beta electrophoretic mobility. Kunitake ST, et al. **J Lipid Res** 1985 May;26(5):549–55

Effect of human plasma lipoproteins on prostacyclin production by cultured endothelial cells. Spector AA, et al. **J Lipid Res** 1985 Mar;26(3):288–97

In vitro effect of Triton WR–1339 on canine plasma high density lipoproteins. Yamamoto K, et al. **J Lipid Res** 1984 Aug;25(8):770–9

Effect of copper deficiency on the apolipoprotein E–rich high density lipoproteins in rats. Croswell SC, et al. **J Nutr** 1985 Apr;115(4):473–82

Different effects of zinc and copper deficiency on composition of plasma high density lipoproteins in rats. Lefevre M, et al. **J Nutr** 1985 Mar;115(3):359–68

Effect of vasectomy on high density lipoproteins. Ritchey ML, et al. **J Urol** 1985 Jan;133(1):42–4

HDL phosphatidyl choline and cigarette smoking. Assmann G, et al. **Klin Wochenschr** 1984;62 Suppl 2:32–5

Progestagens and high–density lipoproteins [letter] Godsland IF, et al. **Lancet** 1984 Dec 15;2(8416):1406

Progestagens and high–density lipoproteins [letter] Kuusi T, et al. **Lancet** 1984 Nov 17;2(8412):1163

The distribution of serum high density lipoprotein subfractions in non–human primates. Nelson CA, et al. **Lipids** 1984 Sep;19(9):656–63

Androgens reduce HDL2–cholesterol and increase hepatic triglyceride lipase activity. Kantor MA, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):462–5

Inverse relationship of serum HDL and HDL2 cholesterol to C–peptide level in middle–aged insulin–treated diabetics. Laakso M, et al. **Metabolism** 1985 Aug;34(8):715–20

Changes in the distribution and composition of high–density lipoproteins in primary hypothyroidism. Muls E, et al. **Metabolism** 1985 Apr;34(4):345–53

Sequence of alcohol–induced initial changes in plasma lipoproteins (VLDL and HDL) and lipolytic enzymes in humans. Taskinen MR, et al. **Metabolism** 1985 Feb; 34(2):112–9

Associations of diet and alcohol intake with high–density lipoprotein subclasses. Williams PT, et al. **Metabolism** 1985 Jun;34(6):524–30

Apoprotein A–I and high density lipoprotein subfractions in patients with chronic renal failure receiving hemodialysis. Joven J, et al. **Nephron** 1985;40(4):451–4

Changes of HDL–lipid composition as related to delta 9–THC action. Kalofoutis A, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):343–5

Ethanol induced alterations in low and high density lipoproteins. Cluette–Brown J, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):495–9

Lipid profiles in peripheral vascular disease––a comparison between blacks and whites. Keenan JP, et al. **S Afr J Surg** 1985 Mar;23(1):15–7

Lipid and lipoprotein aberrations in Indian patients with non–insulin–dependent diabetes in the young. Jialal I, et al. **S Afr Med J** 1985 Jun 22;67(25):1001–4

Human high–density lipoprotein associated amyloid A protein. Structural characteristics, relation to apo A–I and A–II concentrations, and plasma clearance kinetics in the rat. Ehnholm C, et al. **Scand J Rheumatol** 1985;14(2):201–8

Relation of alcohol, physical activity, dietary fat and smoking to serum HDL and total cholesterol in young Finnish men. Salonen JT, et al. **Scand J Soc Med** 1985;13(3):99–102

[Activities of 2 plasma lipases and serum high density lipoprotein after heparin injection] Wu CZ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun; 12(2):144–6 **(Chi)**

[Alcohol–induced type V hyperlipidemia in relation to changes in the chemical composition of HDL2] Breier C, et al. **Wien Klin Wochenschr** 1985 Mar 29;97(7):316–9 (Eng. Abstr.) **(Ger)**

[Structure and metabolism of high–density lipoproteins] Patsch JR. **Wien Klin Wochenschr** 1985 Apr 12;97(8):374–6 (Eng. Abstr.) **(Ger)**

[Low serum HDL cholesterol levels in progeria] Szamosi T, et al. **Orv Hetil** 1985 Aug 18;126(33):2039–42 (Eng. Abstr.) **(Hun)**

[Can the moderate use of alcohol be considered a protective factor against ischemic cardiopathy?] Lombardi C, et al. **Minerva Cardioangiol** 1984 Oct;32(10):647–52 (Eng. Abstr.) **(Ita)**

[Platelet hyperaggregation and the HDL–LDL ratio of the serum] Passamonti B, et al. **Quad Sclavo Diagn** 1984 Mar; 20(1):72–8 (Eng. Abstr.) **(Ita)**

[Studies on lipoproteins and apoproteins in 2 pedigrees with homozygous familial hyperalphalipoproteinemia] Saito F, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1310–6 **(Jpn)**

[Longevity syndrome: lipoprotein abnormalities in families of homozygous hyperalphalipoproteinemia and hypobetalipoproteinemia] Maruhama Y. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):337–40 (Eng. Abstr.) **(Jpn)**

[Changes in individual plasma lipoprotein fractions in children with simple obesity] Krawczuk–Rybakowa M, et al. **Kardiol Pol** 1984;27(4):297–305 (Eng. Abstr.) **(Pol)**

[Effect of propranolol on serum HDL cholesterol levels] Iwańska J, et al. **Pol Tyg Lek** 1984 Jun 12–25; 39(25–26):867–9 (Eng. Abstr.) **(Pol)**

[High–density lipoproteins and arteriosclerosis] Klimow AN. **Przegl Lek** 1984;41(6):417–22 **(Pol)**

[Kinetic properties of blood plasma lecithin cholesterol acyltransferase in persons with hyper–alpha–lipoproteinemia] Nikiforov AA, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):158–61 (Eng. Abstr.) **(Rus)**

[Effect of prostaglandin E1 on the structure of high–density lipoproteins] Manevich EM, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1008–11 **(Rus)**

[Effect of obzidan and pratsiol therapy on the blood plasma lipid profile and on the high– and low–density lipoprotein apoproteins in hypertension patients] Oganov RG, et al. **Kardiologiia** 1985 Apr;25(4):44–8 (Eng. Abstr.) **(Rus)**

[Various reasons for changes in the phospholipid composition of high density lipoproteins in hypoalphacholesterolemia] Gerasimova EN, et al. **Vopr Med Khim** 1985 May–Jun; 31(3):132–6 (Eng. Abstr.) **(Rus)**

[Rate of elimination of human high–density lipoproteins after their intravenous administration in rabbits by the loss of alpha– cholesterol and apoprotein A–1] Polikarpova LI, et al. **Vopr Med Khim** 1984;30(6):98–101 (Eng. Abstr.) **(Rus)**

[The effect of starvation and nutritional lipemia on the level of cholesterol esters in the blood of dogs and on certain lipoprotein fractions] Corbić M, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):459–67 (Eng. Abstr.) **(Scc)**

[Are dyslipemias a risk factor in cerebrovascular disease? (letter)] Antem Blasco M, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):587 **(Spa)**

[Changes in high–density lipoproteins during the acute phase of acute myocardial infarction] Joven J, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):135–7 (Eng. Abstr.) **(Spa)**

[Preliminary study of the phospholipids of HDL in ischemic cardiomyopathy] Diez Prieto F, et al. **Rev Clin Esp** 1984 Jun 15–30;173(5–6):291–6 (Eng. Abstr.) **(Spa)**

[High density lipoproteins in chronic respiratory insufficiency] González Santos P, et al. **Rev Clin Esp** 1984 Sep 15;174(5):175–7 (Eng. Abstr.) **(Spa)**

DEFICIENCY

Apo E–containing lipoproteins in low or high density lipoprotein deficiency. Gibson JC, et al. **Arteriosclerosis** 1985 Jul–Aug;5(4):371–80

Apolipoprotein AI and AII metabolism in patients with primary high–density lipoprotein deficiency associated with familial hypertriglyceridemia. Saku K, et al. **Metabolism** 1985 Aug;34(8):754–64

GENETICS

High–density lipoprotein composition is altered by a common DNA polymorphism adjacent to apoprotein AII gene in man. Scott J, et al. **Lancet** 1985 Apr 6;1(8432):771–3

The human apolipoprotein A–II gene: complete nucleic acid sequence and genomic organization. Lackner KJ, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4597–608

ISOLATION & PURIFICATION

The effect of different isolation procedures on high density lipoprotein subfractions obtained by isoelectric focusing. Luley CH, et al. **Clin Chim Acta** 1985 Mar 15; 146(2–3):185–93

Isolation of high density lipoproteins from rat intestinal epithelial cells. Magun AM, et al. **J Clin Invest** 1985 Jan; 75(1):209–18

Purification and characterization of bovine lipoproteins: resolution of high density and low density lipoproteins using heparin–Sepharose chromatography. Cordle SR, et al. **J Lipid Res** 1985 Jun;26(6):721–5

Characterization and catabolism of rat very high density lipoproteins. Därr WH, et al. **J Lipid Res** 1985 Jun; 26(6):672–83

METABOLISM

Plasma lipid metabolism at trauma: appearance of characteristic apolipoproteins in high density lipoproteins. Carlson LA, et al. **Acta Chir Scand [Suppl]** 1985;522:87–106

Fate of cholesteryl linoleyl ether injected into rats as chylomicrons, acetylated LDL and HDL. Stein Y, et al. **Adv Exp Med Biol** 1985;183:37–46

A saturable binding site for high density lipoprotein3 on human liver membranes. Trezzi E, et al. **Agents Actions [Suppl]** 1984;16:47–51

Organ specific metabolism of low density lipoprotein and high density lipoprotein. van Tol A. **Agents Actions [Suppl]** 1984;16:69–85

Uptake and subcellular localization of bacterial lipopolysaccharide in the adrenal gland. Mathison JC, et al. **Am J Pathol** 1985 Jul;120(1):79–86

Reversible high affinity uptake of apo E–free high density lipoproteins in cultured pig hepatocytes. Bachorik PS, et al. **Arteriosclerosis** 1985 Mar–Apr;5(2):142–52

Regulation of high density lipoprotein binding activity of aortic endothelial cells by treatment with acetylated low density lipoprotein. Brinton EA, et al. **Arteriosclerosis** 1985 Jul–Aug;5(4):329–35

Epidemiological correlates of high density lipoprotein subfractions, apolipoproteins A–I, A–II, and D, and lecithin cholesterol acyltransferase. Effects of smoking, alcohol, and adiposity. Haffner SM, et al. **Arteriosclerosis** 1985 Mar–Apr;5(2):169–77

Characterization of a human hepatic receptor for high density lipoproteins. Hoeg JM, et al. **Arteriosclerosis** 1985 May–Jun;5(3):228–37

High density lipoproteins and apolipoprotein A in cerebrovascular disease [letter] Airò R, et al. **Atherosclerosis** 1985 Mar;54(3):343–6

Particle size distribution of high density lipoproteins as a function of plasma triglyceride concentration in human subjects. Chang LB, et al. **Atherosclerosis** 1985 Jul; 56(1):61–70

Identification of a high density lipoprotein binding protein from adrenocortical membranes. Fidge N, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):759–65

The sites of degradation of rat high–density–lipoprotein apolipoprotein E specifically labelled with O–(4–diazo–3–[125I]iodobenzoyl)sucrose. Van't Hooft FM, et al. **Biochem J** 1985 Mar 15;226(3):715–21

In vitro binding of synthetic acylated lipid–associating peptides to high–density lipoproteins: effect of hydrophobicity. Ponsin G, et al. **Biochemistry** 1984 Oct 23;23(22):5337–42

Kinetics of phospholipid transfer between liposomes (neutral or negatively charged) and high–density lipoproteins: a spin–label study of early events. Bienvenüe A, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):557–66

Characterization of high–density lipoprotein binding sites in rat liver and testis membranes. Chacko GK. **Biochim Biophys Acta** 1984 Sep 12;795(2):417–26

Characterisation of heterologous and homologous low–density lipoprotein binding to apolipoprotein B,E receptors on porcine adrenal cortex membranes: enhanced binding of trypsin–modified human low–density lipoprotein. Chapman MJ, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):258–72

Binding and degradation of human high–density lipoproteins by human hepatoma cell line HepG2. Dashti N, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):100–10

Formation of phospholipid–rich HDL: a model for square–packing lipoprotein particles found in interstitial fluid and in abetalipoproteinemic plasma. Forte TM, et al. **Biochim Biophys Acta** 1985 May 17;834(3):386–95

Characteristics of the binding of high–density lipoprotein3 by intact cells and membrane preparations of rat intestinal mucosa. Kagami A, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):179–90

Molecular pathways in the transformation of model discoidal lipoprotein complexes induced by lecithin:cholesterol acyltransferase. Nichols AV, et al. **Biochim Biophys Acta** 1985 May 17;834(3):285–300

Isolation and specificity of rat lecithin: cholesterol acyltransferase: comparison with the human enzyme using reassembled high–density lipoproteins containing ether analogs of phosphatidylcholine. Pownall HJ, et al.

Biochim Biophys Acta 1985 Mar 6;833(3):456-62

Leupeptin as a tool for the detection of the sites of catabolism of rat high-density lipoprotein apolipoproteins A-I and E. van 't Hooft FM, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):75-84

Binding of high-density lipoproteins to luteal membranes: the role of prolactin, luteinizing hormone, and circulating lipoproteins. Rajkumar K, et al. **Biol Reprod** 1985 Apr; 32(3):546-55

Urinary proteins in a patient with Tangier disease. Pritchard PH, et al. **Clin Biochem** 1985 Apr;18(2):98-101

Interaction of high density lipoproteins with cholesteryl ester-laden macrophages: biochemical and morphological characterization of cell surface receptor binding, endocytosis and resecretion of high density lipoproteins by macrophages. Schmitz G, et al. **EMBO J** 1985 Mar; 4(3):613-22

The role of serum high density lipoproteins in adrenal steroidogenesis. Gwynne JT, et al. **Endocr Res** 1984-85; 10(3-4):411-30 (40 ref.)

The effects of hypophysectomy and administration of pituitary hormones on luteal function and uptake of high density lipoproteins by luteinized ovaries and adrenals of the rat. Murphy BD, et al. **Endocrinology** 1985 Apr; 116(4):1587-97

Metabolism of high density lipoproteins reconstituted with [3H]cholesteryl ester and [14C]cholesterol in the rat, with special reference to the ovary. Nestler JE, et al. **Endocrinology** 1985 Aug;117(2):502-10

Reconstituted high density lipoprotein behaviour is modified by the nature of the lipid vesicle. Jones SM, et al. **FEBS Lett** 1985 Jan 21;180(1):66-8

Identification of apolipoproteins involved in the interaction of human high density lipoprotein3 with receptors on cultured cells. Fidge NH, et al. **J Biol Chem** 1985 Mar 25;260(6):3570-5

Uptake of high-density lipoprotein-associated apoprotein A-I and cholesterol esters by 16 tissues of the rat in vivo and by adrenal cells and hepatocytes in vitro. Glass C, et al. **J Biol Chem** 1985 Jan 25;260(2):744-50

Stimulation of rat ovarian cell steroidogenesis by high density lipoproteins modified with tetranitromethane. Nestler JE, et al. **J Biol Chem** 1985 Jun 25;260(12):7316-21

Acyl chain and headgroup specificity of human plasma lecithin:cholesterol acyltransferase. Separation of matrix and molecular specificities. Pownall HJ, et al. **J Biol Chem** 1985 Feb 25;260(4):2146-52

Mechanism of the association of HDL3 with endothelial cells, smooth muscle cells, and fibroblasts. Evidence against the role of specific ligand and receptor proteins. Tabas I, et al. **J Biol Chem** 1984 Nov 25;259(22):13897-905

Characterization of high density lipoprotein binding to human adipocyte plasma membranes. Fong BS, et al. **J Clin Invest** 1985 Jun;75(6):1804-12

Morphological evidence that high density lipoproteins are not internalized by steroid-producing cells during in situ organ perfusion. Reaven E, et al. **J Clin Invest** 1984 Oct; 74(4):1384-97

Modification of human high density lipoprotein (HDL3) with tetranitromethane and the effect on its binding to isolated rat liver plasma membranes. Chacko GK. **J Lipid Res** 1985 Jun;26(6):745-54

Heterogeneity of dog interstitial fluid (peripheral lymph) high density lipoproteins: implications for a role in reverse cholesterol transport. Dory L, et al. **J Lipid Res** 1985 May; 26(5):519-27

High density lipoprotein metabolism. Eisenberg S. **J Lipid Res** 1984 Oct;25(10):1017-58 (398 ref.)

Characterization of high density lipoprotein binding activity in rat adrenocortical cells. Gwynne JT, et al. **J Lipid Res** 1984 Oct;25(10):1059-71

Specific binding of high density lipoprotein (HDL3) is not related to sterol synthesis in rat intestinal mucosa. Kagami A, et al. **J Lipid Res** 1985 Jun;26(6):705-12

Abnormal high density lipoproteins from patients with liver disease regulate cholesterol metabolism in cultured human skin fibroblasts. Owen JS, et al. **J Lipid Res** 1984 Sep; 25(9):919-31

Alteration of high density lipoprotein subfraction distribution with induction of serum amyloid A protein (SAA) in the nonhuman primate. Parks JS, et al. **J Lipid Res** 1985 Jan; 26(1):82-91

Sites and mechanisms of uptake and degradation of high density and low density lipoproteins. Pittman RC, et al. **J Lipid Res** 1984 Dec 15;25(13):1577-85 (61 ref.)

Synthesis, transport, and processing of apolipoproteins of high density lipoproteins. Stoffel W. **J Lipid Res** 1984 Dec 15;25(13):1586-92 (36 ref.)

Plasma phospholipid transfer protein enhances transfer and exchange of phospholipids between very low density lipoproteins and high density lipoproteins during lipolysis. Tall AR, et al. **J Lipid Res** 1985 Jul;26(7):842-51

Human apolipoprotein A-IV: displacement from the surface of triglyceride-rich particles by HDL2-associated C-apoproteins. Weinberg RB, et al. **J Lipid Res** 1985 Jan; 26(1):26-37

Relationships between composition and cellular uptake of lipoproteins from normal and hyperlipemic swine. Shireman RB, et al. **J Nutr** 1984 Dec;114(12):2373-82

Equilibrium of apoproteins between high density lipoprotein and the aqueous phase: modelling of in vivo metabolism. Ponsin G, et al. **J Theor Biol** 1985 Jan 7;112(1):183-92

Renal handling of plasma high density lipoprotein. Peterson DR, et al. **Kidney Int** 1984 Oct;26(4):411-21

Metabolic fate of low density lipoprotein and high density lipoprotein labeled with an ether analogue of cholesteryl ester. Stein O, et al. **Klin Wochenschr** 1984 Dec 17; 62(24):1151-6

Cimetidine increases HDL-cholesterol, particularly in the HDL3 subfraction. Franceschini G, et al. **Metabolism** 1985 Jul;34(7):597-9

Direct evidence that reverse cholesterol transport is mediated by high-density lipoprotein in rabbit. Miller NE, et al. **Nature** 1985 Mar 7-13;314(6006):109-11

Tangier disease: a disorder of intracellular membrane traffic. Schmitz G, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6305-9

The role of high density lipoproteins in the biodistribution of two radioiodinated probes in the rat. Pohland RC, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):47-57

High density lipoproteins provide arachidonate for endothelial cell prostacyclin synthesis. Pomerantz KB, et al. **Trans Assoc Am Physicians** 1984;97:275-82

[Alpha lipoproteins (HDL) as key particles in atherogenesis] Nikkilä E. **Duodecim** 1985;101(3):363-70 **(Fin)**

[Origin and fate of cholesterol in rat plasma lipoproteins in vivo. III. Demonstration and measurement of the flow rate of HDL esterified cholesterol to the chylomicrons] Magot T. **Ann Nutr Metab** 1985;29(3):175-83 (Eng. Abstr.) **(Fre)**

[Dietary fats, lipoproteins and atherogenesis] Jacotot B. **Pathol Biol (Paris)** 1985 Apr;33(4):250-3 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Effect of high density lipoproteins on permeability of rabbit aorta to low density lipoproteins. Klimov AN, et al. **Atherosclerosis** 1985 May;55(2):217-23

High-density lipoprotein and its apolipoproteins inhibit cytolytic activity of complement. Studies on the nature of inhibitory moiety. Packman CH, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):107-15

Effect of high-density lipoproteins with varying ratios of apolipoprotein A-I to apolipoprotein A-II on steroidogenesis by cultured rat ovary granulosa cells. Schreiber JR, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):169-75

Influence of high-density lipoprotein on estradiol stimulation of luteal steroidogenesis. Khan I, et al. **Biol Reprod** 1985 Feb;32(1):96-104

Interaction of high and low density lipoproteins on glycosaminoglycan secretion by human vascular smooth muscle cells and fibroblasts. Wosu L, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):984-90

Effects of normolipidemic high-density lipoproteins on proliferation of monkey aortic smooth muscle cells induced by hyperlipidemic low-density lipoproteins. Yoshida Y, et al. **Exp Mol Pathol** 1984 Oct;41(2):258-66

High-density lipoproteins decrease the biliary concentration of chlordecone in isolated perfused pig liver. Soine PJ, et al. **J Toxicol Environ Health** 1984;14(2-3):319-35

Effect of high-density lipoproteins on cholesterol efflux and esterification in lipid-enriched human skin fibroblasts. Evensen SA, et al. **Scand J Gastroenterol [Suppl]** 1985; 107:61-6

[Effect of high-density lipoproteins on the permeability of the rabbit aorta for low-density lipoproteins] Klimov AN, et al. **Vopr Med Khim** 1984;30(6):9-12 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Further study on the role of high density Lipoproteins (HDL) in preventing the development of atheromatous plaques in tree shrews] She MP. **Chung Hua I Hsueh Tsa Chih** 1985 Jan;65(1):9-12 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Artificial HDL as an anti-atherosclerotic drug [letter] Orekhov AN, et al. **Lancet** 1984 Nov 17;2(8412):1149-50

LIPOPROTEINS, LDL

Thermotropic transitions of lipids in porcine low density lipoproteins. Herak JN, et al. **Chem Phys Lipids** 1985 Mar; 36(4):361-71

LDL apheresis and regression of atherosclerosis [letter] Tertov VV, et al. **Lancet** 1985 May 11;1(8437):1108-9

ADMINISTRATION & DOSAGE

Selective uptake of a toxic lipophilic anthracycline derivative by the low-density lipoprotein receptor pathway in cultured fibroblasts. Vitols SG, et al. **J Med Chem** 1985 Apr;28(4):451-4

ANALYSIS

Apoprotein B-48 is a constant finding in very low density lipoproteins of humans. Cazzolato G, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):88-92

Interaction of low density lipoproteins with arterial proteoglycans. The role of charge and sialic acid content. Camejo G, et al. **Atherosclerosis** 1985 Apr;55(1):93-105

Molecular weights of apoprotein B obtained from human low-density lipoprotein (apoprotein B-PI) and from rat very low density lipoprotein (apoprotein B-PIII). Elovson J, et al. **Biochemistry** 1985 Mar 12;24(6):1569-78

A monoclonal-antibody-based immunoradiometric assay for apoprotein B in low-density lipoprotein. Slater HR, et al. **Clin Chem** 1985 Jun;31(6):841-5

Lipoprotein metabolism in the extravascular space. Cyclophosphamide inhibits modification of low-density lipoproteins in interstitial inflammatory fluid of the rabbit. Raymond TL, et al. **Inflammation** 1983 Sep;7(3):241-6

Modulation of apolipoprotein B antigenic determinants in human low density lipoprotein subclasses. Teng B, et al. **J Biol Chem** 1985 Apr 25;260(8):5067-72

Structure and function of human low density lipoproteins. Studies using proteolytic cleavage by plasma kallikrein. Yamamoto M, et al. **J Biol Chem** 1985 Jul 15; 260(14):8509-13

Precipitation of LDL with sulphopolyanions: a comparison of two methods for LDL cholesterol determination. Assmann G, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):781-5

Topography and dynamics of receptors for acetylated and malondialdehyde-modified low-density lipoprotein in the plasma membrane of mouse peritoneal macrophages as visualized by colloidal gold in conjunction with surface replicas. Robenek H, et al. **J Histochem Cytochem** 1984 Oct;32(10):1017-27

BIOSYNTHESIS

Synthesis of LDL-apoproteins in D-galactosamine-induced hepatitis in rats. Nadkarni GD, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):57-8

The formation of LDL: mechanisms and regulation. Havel RJ. **J Lipid Res** 1984 Dec 15;25(13):1570-6 (68 ref.)

Direct synthesis of low-density lipoprotein apoprotein B in the miniature pig. Huff MW, et al. **Metabolism** 1985 Jan; 34(1):36-42

BLOOD

Plasma lipoproteins during and after danazol treatment. Fåhraeus L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1984; 123:133-5

Elevated hemoglobin A1c and low-density lipoprotein cholesterol levels in thiazide-treated diabetic patients. Bloomgarden ZT, et al. **Am J Med** 1984 Nov;77(5):823-7

Influence of combined therapy with mevinolin and interruption of bile-acid reabsorption on low density lipoproteins in heterozygous familial hypercholesterolemia. Grundy SM, et al. **Ann Intern Med** 1985 Sep;103(3):339-43

Measurement of 125I-LDL entry into ballooned rabbit aorta using average plasma value. Alavi M, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):413

Low density lipoprotein metabolism in familial combined hyperlipidemia. Mechanism of the multiple lipoprotein phenotypic expression. Kissebah AH, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):614-24

Increase of electrophoretic mobility and of content of soluble proteins of human plasma beta-lipoproteins by incubation of plasma in vitro. Carlson LA, et al. **Atherosclerosis** 1984 Dec;53(3):309-19

Effects of fenofibrate on high and low density lipoprotein metabolism in heterozygous familial hypercholesterolemia. Malmendier CL, et al. **Atherosclerosis** 1985 May; 55(2):161-9

The use of heparin-sepharose affinity chromatography to separate two distinct lipoproteins from the low density lipoprotein fraction of rat plasma. Suri BS, et al. **Atherosclerosis** 1984 Nov;53(2):195-205

Effects of probucol on the in vivo plasma clearance of human low density lipoproteins in rabbits and on the expression of lipoprotein receptors in vitro. Trezzi E, et al. **Atherosclerosis** 1984 Sep;52(3):309-16

LDL cytotoxicity. The state of the art. Van Hinsbergh VW. **Atherosclerosis** 1984 Nov;53(2):113-8

Monoclonal antibodies to low density lipoprotein used for the study of low- and very-low-density lipoproteins, in 'ELISA' and immunoprecipitation technics. Salmon S, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):704-11

Differences in the binding, internalization and catabolism of low-density lipoprotein between normal human T and B lymphocytes. Sanghvi A, et al. **Biochem J** 1985 Apr 15; 227(2):397-404

Accumulation of HDL-like lipoproteins in the plasma low-density fractions of tumor-bearing mice. Damen J, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):495-8

The structural stability of low-density lipoprotein. A kinetic X-ray scattering study of its interaction with arterial proteoglycans. Mateu L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):525-34

Lipoprotein lipase-mediated sequestration of long-chain polyunsaturated triacylglycerols in serum LDL from normal and hypothyroid rats. Ridgway N, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):64-71

Purification and characterization of human plasma proteins that inhibit lipid transfer activities. Son YS, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):473-80

Reversible and irreversible interactions between elastin and plasma lipoproteins. Winlove CP, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):374-80

Fluorescence quenching by iodide ions of low density lipoproteins from normolipidemic and hypercholesterolemic type IIa subjects. Effect of low density lipoprotein-cholesterol and low density lipoprotein non-apolipoprotein-B. Dang QQ, et al. **Chem Phys Lipids** 1984 Dec;36(2):121-30

In vitro modification of the chemical composition of human plasma low density lipoproteins: effects of morphology and thermal properties. Zechner R, et al. **Chem Phys Lipids** 1984 Dec;36(2):111-9

The ratio of plasma high-density lipoprotein cholesterol to total and low-density lipoprotein cholesterol: age-related changes and race and sex differences in selected North American populations. The Lipid Research Clinics Program Prevalence Study. Green MS, et al. **Circulation** 1985 Jul;72(1):93-104

Altered metabolism of low density lipoprotein in humans after prolonged incubation in plasma. Kostner GM, et al. **Clin Sci** 1985 Apr;68(4):411-8

Application of O-(4-diazo-3-[125I]iodobenzoyl)sucrose for the detection of the catabolic sites of low density lipoprotein. van 't Hooft FM, et al. **FEBS Lett** 1985 Jan 7;179(2):225-8

The change of serum lipoproteins observed in non insulin dependent diabetic patients and a study of its mechanism. Hayashi K, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):619-24

Direct modification of plasma low-density lipoproteins in interstitial inflammatory fluid of the rabbit. Raymond TL, et al. **Inflammation** 1984 Dec;8(4):337-42

Stoichiometric binding of apolipoprotein B-specific monoclonal antibodies to low density lipoproteins. Wiklund O, et al. **J Biol Chem** 1985 Sep 15;260(20):10956-60

Development of an integrated model for analysis of the kinetics of apolipoprotein B in plasma very low density lipoproteins, intermediate density lipoproteins, and low density lipoproteins. Beltz WF, et al. **J Clin Invest** 1985 Aug;76(2):575-85

Regulation of the production and catabolism of plasma low density lipoproteins in hypertriglyceridemic subjects. Effect of weight loss. Ginsberg HN, et al. **J Clin Invest** 1985 Feb;75(2):614-23

Enhancement of limiting dilution in cloning mouse myeloma-spleen hybridomas by human low density lipoproteins. Mao SJ, et al. **J Immunol Methods** 1984 Dec 31;75(2):309-16

Studies of low density lipoprotein molecular weight in human beings with coronary artery disease. Crouse JR, et al. **J Lipid Res** 1985 May;26(5):566-74

Protocol for efficient plasma sampling for low density lipoprotein turnover studies. Le NA, et al. **J Lipid Res** 1984 Dec 1;25(12):1387-91

A novel mechanism by which probucol lowers low density lipoprotein levels demonstrated in the LDL receptor-deficient rabbit. Naruszewicz M, et al. **J Lipid Res** 1984 Nov;25(11):1206-13

Is hypertriglyceridemic very low density lipoprotein a precursor of normal low density lipoprotein? Oschry Y, et al. **J Lipid Res** 1985 Feb;26(2):158-67

Effect of human plasma lipoproteins on prostacyclin production by cultured endothelial cells. Spector AA, et al. **J Lipid Res** 1985 Mar;26(3):288-97

Partial ileal bypass reduces the production rate of low density lipoproteins in Watanabe heritable hyperlipidemic rabbits. Stalenhoef AF, et al. **J Lipid Res** 1984 Dec 1;25(12):1350-7

Low density lipoprotein metabolism in hypertriglyceridemic and normolipidemic patients with coronary heart disease. Vega GL, et al. **J Lipid Res** 1985 Jan;26(1):115-26

Cholestyramine-induced changes in low density lipoprotein composition and metabolism. I. Studies in the guinea pig. Witztum JL, et al. **J Lipid Res** 1985 Jan;26(1):92-103

Catabolism of newly formed triglyceride-rich lipoproteins and serum high density lipoproteins in rats fed soybean phospholipid and soybean oil. Murata M, et al. **J Nutr** 1985 Aug;115(8):994-1004

Gemfibrozil therapy in primary hypertriglyceridemia associated with coronary heart disease. Effects on metabolism of low-density lipoproteins. Vega GL, et al. **JAMA** 1985 Apr 26;253(16):2398-403

The interaction of human plasma low density lipoproteins with glycosamino-glycans: influence of the chemical composition. Kostner GM, et al. **Lipids** 1985 Jan;20(1):24-8

Age-related changes of serum apoprotein SASSAM, apoprotein A-I and low-density lipoprotein levels in senescence accelerated mouse (SAM). Higuchi K, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):311-26

Low-density lipoprotein (LDL) receptors and the regulation of serum LDL levels. Vermeer BJ. **Neth J Med** 1985; 28(2):52-8 (54 ref.)

Competitive binding of quinidine, propranolol, and 4-OH-propranolol to human plasma very low-density (VLDL) and low-density (LDL) lipoproteins. Ho Ngoc-Ta Trung A, et al. **Pharm Acta Helv** 1985; 60(4):106-9

Ethanol induced alterations in low and high density lipoproteins. Cluette-Brown J, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):495-9

Mevinolin stimulates receptor-mediated clearance of low density lipoprotein from plasma in familial hypercholesterolemia heterozygotes. Bilheimer DW, et al. **Trans Assoc Am Physicians** 1983;96:1-9 (14 ref.)

[Role of low-density lipoproteins of the blood plasma during labor in heparin neutralization] Rółkowski R, et al. **Zentralbl Gynakol** 1985;107(8):491-5 (Eng. Abstr.) **(Ger)**

[Can the moderate use of alcohol be considered a protective factor against ischemic cardiopathy?] Lombardi C, et al. **Minerva Cardioangiol** 1984 Oct;32(10):647-52 (Eng. Abstr.) **(Ita)**

[Platelet hyperaggregation and the HDL-LDL ratio of the serum] Passamonti B, et al. **Quad Sclavo Diagn** 1984 Mar; 20(1):72-8 (Eng. Abstr.) **(Ita)**

[LDL-apheresis in the treatment of familial hypercholesterolemia] Scarpato N, et al. **Ric Clin Lab** 1985; 15 Suppl 1:499-504 (Eng. Abstr.) **(Ita)**

[Changes in individual plasma lipoprotein fractions in children with simple obesity] Krawczuk-Rybakowa M, et al. **Kardiol Pol** 1984;27(4):297-305 (Eng. Abstr.) **(Pol)**

[Effect of obzidan and pratsiol therapy on the blood plasma lipid profile and on the high- and low-density lipoprotein apoproteins in hypertension patients] Oganov RG, et al. **Kardiologiia** 1985 Apr;25(4):44-8 (Eng. Abstr.) **(Rus)**

[Correction of dyslipoproteinemia in children and early prevention of atherosclerosis] Verbitskaia AI, et al. **Pediatriia** 1984 Aug;(8):59-62 (41 ref.) **(Rus)**

[Composition and metabolism of low-density lipoproteins in rabbits of various ages] Chaialo PP. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):20-4 (Eng. Abstr.) **(Rus)**

[Effect of high-density lipoproteins on the permeability of the rabbit aorta for low-density lipoproteins] Klimov AN, et al. **Vopr Med Khim** 1984;30(6):9-12 (Eng. Abstr.) **(Rus)**

[The effect of starvation and nutritional lipemia on the level of cholesterol esters in the blood of dogs and on certain lipoprotein fractions] Corbić M, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):459-67 (Eng. Abstr.) **(Scc)**

DEFICIENCY

Apo E-containing lipoproteins in low or high density lipoprotein deficiency. Gibson JC, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):371-80

DIAGNOSTIC USE

Technetium-99m low density lipoproteins: preparation and biodistribution. Lees RS, et al. **J Nucl Med** 1985 Sep; 26(9):1056-62

GENETICS

Cloning and expression of apolipoprotein B, the major protein of low and very low density lipoproteins. Lusis AJ, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4597-601

[Shift in the allele frequencies of the Ld locus in mink stock infected with Aleutian disease] Beliaev DK, et al. **Tsitol Genet** 1985 Mar-Apr;19(2):132-7 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Use of monoclonal antibodies in studies of lipoprotein structure and function. Schonfeld G, et al. **Adv Exp Med Biol** 1985;183:135-57

Production and immunochemical study of monoclonal antibodies directed against human low density lipoprotein. Marcovina S, et al. **Dev Biol Stand** 1984;57:399-407

Defective endocytosis of low-density lipoprotein in monensin-resistant mutants of the mouse Balb/3T3 cell line. Tomita K, et al. **J Cell Physiol** 1985 Jun;123(3):369-76

Immunogenicity of homologous low density lipoprotein after methylation, ethylation, acetylation, or carbamylation: generation of antibodies specific for derivatized lysine. Steinbrecher UP, et al. **J Lipid Res** 1984 Oct;25(10):1109-16

Occurrence of anti-low density lipoprotein antibodies and circulating immune complexes in aged subjects. Szondy E, et al. **Mech Ageing Dev** 1985 Feb;29(2):117-23

Immunochemical study of 20 monoclonal antibodies to human plasma low density lipoproteins and their use for apolipoprotein B determination. Marcovina S. **Ric Clin Lab** 1984 Jul-Sep;14(3):307-12

ISOLATION & PURIFICATION

Purification and characterization of bovine lipoproteins: resolution of high density and low density lipoproteins using heparin-Sepharose chromatography. Cordle SR, et al. **J Lipid Res** 1985 Jun;26(6):721-5

METABOLISM

Doxazosin increases low density lipoprotein receptor activity. Leren TP. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar; 56(3):269-72

Fate of cholesteryl linoleyl ether injected into rats as chylomicrons, acetylated LDL and HDL. Stein Y, et al. **Adv Exp Med Biol** 1985;183:37-46

Regulation of low density lipoprotein uptake and degradation in different animals species. Dietschy JM, et al. **Agents Actions [Suppl]** 1984;16:177-90

Solubilization and purification of an acetyl-LDL binding membrane protein from human leukocytes. Dresel HA, et al. **Agents Actions [Suppl]** 1984;16:153-61

Hypercholesterolemic and diabetic serum decrease LDL-degradation by cathepsin D from human arterial smooth muscle cells and fibroblasts. Koschinsky T, et al. **Agents Actions [Suppl]** 1984;16:107-14

Turnover of apoB in low density lipoprotein sub-fractions. Thompson GR, et al. **Agents Actions [Suppl]** 1984;16:121-5

Organ specific metabolism of low density lipoprotein and high density lipoprotein. van Tol A. **Agents Actions [Suppl]** 1984;16:69-85

Insoluble low-density lipoprotein-proteoglycan complexes enhance cholesteryl ester accumulation in macrophages. Salisbury BG, et al. **Am J Pathol** 1985 Jul;120(1):6-11

Effect of serotonin on albumin and low density lipoprotein uptake in perfused rabbit femoral arteries. Santillan GG, et al. **Angiology** 1984 Nov;35(11):694-700

Retro-endocytosis of low density lipoprotein by cultured human skin fibroblasts. Aulinskas TH, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):45-54

Fenofibrate reduces low density lipoprotein catabolism in hypertriglyceridemic subjects. Shepherd J, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):162-8

Contribution of the receptor pathway to low density lipoprotein catabolism in humans. New methods for quantitation. Slater HR, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):604-13

Verapamil enhances receptor-mediated endocytosis of low density lipoproteins by aortic cells in culture. Stein O, et al. **Arteriosclerosis** 1985 Jan-Feb;5(1):35-44

Role of the low density lipoprotein receptor in penetration of low density lipoprotein into rabbit aortic wall. Wiklund O, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):135-41

Surface determinants of low density lipoprotein uptake by endothelial cells. Görög P, et al. **Atherosclerosis** 1984 Oct; 53(1):21-9

High-affinity uptake and degradation of acetylated low density lipoprotein by confluent human vascular endothelial cells. Havekes L, et al. **Atherosclerosis** 1985 Jul;56(1):81-92

Reduction in tissue LDL accumulation during coronary artery regression in cynomolgus macaques. Hoff HF, et al. **Atherosclerosis** 1985 Jul;56(1):51-60

Effect of high density lipoproteins on permeability of rabbit aorta to low density lipoproteins. Klimov AN, et al. **Atherosclerosis** 1985 May;55(2):217-23

Human breast milk stimulates low density lipoprotein (LDL) binding to human skin fibroblasts in culture. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):667-71

The recognition domain for the low density lipoprotein cellular receptor is expressed once on each lipoprotein particle. Tikkanen M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):773-7

Quantitative role of parenchymal and non-parenchymal liver cells in the uptake of [14C]sucrose-labelled low-density lipoprotein in vivo. Harkes L, et al. **Biochem J** 1984 Nov 15;224(1):21-7

The low-density-lipoprotein pathway of native and chemically modified low-density lipoproteins isolated from plasma incubated in vitro. Zechner R, et al. **Biochem J** 1984 Dec 1;224(2):569-76

Low-density lipoproteins modified by lipid transfer protein have altered biological activity. Chait A, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):314-25

Core modification of human low-density lipoprotein by artificial triacylglycerol emulsion. Granot E, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):308-15

Low-density lipoprotein metabolism in mice with soft tissue tumours. Hynds SA, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):589-95

Liposome uptake by cultured macrophages mediated by modified low-density lipoproteins. Ivanov VO, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):76-84

Cell density dependent uptake of LDL in cultured rat hepatocytes. Jensen E, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):279-83

Angiotensin II stimulates receptor-mediated uptake of LDL by bovine adrenal cortical cells in primary culture. Leitersdorf E, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):183-90

Uptake of rat plasma HDL subfractions labeled with [3H]cholesteryl linoleyl ether or with 125I by cultured rat hepatocytes and adrenal cells. Leitersdorf E, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):72-82

LDL receptors in bovine tissues assayed as the heparin-sensitive binding of 125I-labeled LDL in homogenates: relation between liver LDL receptors and serum cholesterol in the fetus and post term. Rudling MJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):96-104

Limited nonenzymatic glucosylation of low-density lipoprotein does not alter its catabolism in tissue culture. Schleicher E, et al. **Biochim Biophys Acta** 1985 Aug 30; 846(2):226-33

Rates of cholesterol synthesis and low-density lipoprotein uptake in the adrenal glands of the rat, hamster and rabbit in vivo. Spady DK, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):167-75

Metabolism of normal and modified low-density lipoproteins by macrophage cell lines of murine and human origin. Via DP, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):417-28

In vivo assimilation of low density lipoproteins by a fibrosarcoma tumour line in mice. Norata G, et al. **Cancer Lett** 1984 Dec;25(2):203-8

Effects of ammonium ion derived from bovine endothelial cells upon low density lipoprotein degradation in cultured vascular smooth muscle cells. Truskey GA, et al. **Cell Biol Int Rep** 1985 Apr;9(4):323-30

Nonenzymatic glycosylation products on collagen covalently trap low-density lipoprotein. Brownlee M, et al. **Diabetes** 1985 Sep;34(9):938-41

Metabolism of low-density lipoprotein from patients with diabetic hypertriglyceridemia by cultured human skin fibroblasts. Hiramatsu K, et al. **Diabetes** 1985 Jan;34(1):8-14

Characterization of binding sites for acetylated low density lipoprotein in the rat liver in vivo and in vitro. Dresel HA, et al. **EMBO J** 1985 May;4(5):1157-62

Properties of low density lipoprotein binding by cultured swine granulosa cells. Veldhuis JD, et al. **Endocrinology** 1985 Sep;117(3):1067-75

Estrogen regulates low density lipoprotein metabolism by cultured swine granulosa cells. Veldhuis JD, et al. **Endocrinology** 1985 Oct;117(4):1321-7

Visualization of binding and receptor-mediated uptake of low density lipoproteins by human endothelial cells. Mommaas-Kienhuis AM, et al. **Eur J Cell Biol** 1985 Mar; 36(2):201-8

Visualization of the interaction of native and modified low density lipoproteins with isolated rat liver cells. Mommaas-Kienhuis AM, et al. **Eur J Cell Biol** 1985 Jul; 38(1):42-50

Native and acetylated low density lipoprotein metabolism in proliferating and quiescent bovine endothelial cells in culture. Sanan DA, et al. **Eur J Cell Biol** 1985 Jan; 36(1):81-90

The effect of calcium antagonists on the proteolytic degradation of low-density lipoprotein in HeLa cells. Akiyama S, et al. **Exp Cell Res** 1985 May;158(1):192-204

Regulation of low-density lipoprotein receptors in the human hepatoma cell line Hep G2. Illingworth DD, et al. **Exp Cell Res** 1984 Dec;155(2):518-26

Receptor-mediated delivery of photoprotective agents by low-density lipoprotein. Mosley ST, et al. **Exp Cell Res** 1984 Dec;155(2):389-96

Proliferation, morphology, and low-density lipoprotein metabolism of arterial endothelial cells cultured from normal and diabetic minipigs. Grünwald J, et al. **Exp Mol Pathol** 1985 Feb;42(1):60-70

High-affinity association and degradation of 125I-labelled low density lipoproteins by human hepatocytes in primary culture. Kosykh VA, et al. **FEBS Lett** 1985 Apr 8; 183(1):17-20

Effects of the calcium ionophore A 23187 on low-density lipoprotein processing and lipid metabolism in cultured human fibroblasts. Mazière JC, et al. **FEBS Lett** 1984 Nov 5;177(1):76-80

In vivo catabolism of human low density lipoprotein in the rat is mediated by a nonsaturable, low-affinity mechanism. van 't Hooft FM, et al. **FEBS Lett** 1985 Apr 8;183(1):138-42

Low-density lipoprotein metabolism by cultured human fibroblasts: relationship with aging and atherosclerosis. Behrman RG, et al. **Gerontology** 1984;30(6):359-64

Regulation of low density lipoprotein receptor function in a human hepatoma cell line. Leichtner AM, et al. **Hepatology** 1984 Sep-Oct;4(5):897-901

Low-density lipoprotein receptor binding determinants switch from apolipoprotein E to apolipoprotein B during conversion of hypertriglyceridemic very-low-density lipoprotein to low-density lipoproteins. Bradley WA, et al. **J Biol Chem** 1984 Dec 10;259(23):14728-35

Scavenger function of sinusoidal liver cells. Acetylated low-density lipoprotein is endocytosed via a route distinct from formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53-6

Fusion of low density lipoproteins with cholesterol ester-phospholipid microemulsions. Prevention of particle fusion by apolipoprotein A-I. Parks JS, et al. **J Biol Chem** 1985 Mar 10;260(5):3155-63

The effect of a water-soluble tris-galactoside-terminated cholesterol derivative on the fate of low density lipoproteins and liposomes. van Berkel TJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2694-9

Murine macrophage tumors are a source of a 260,000-dalton acetyl-low density lipoprotein receptor. Via DP, et al. **J Biol Chem** 1985 Jun 25;260(12):7379-86

Metabolic cooperation between vascular endothelial cells and smooth muscle cells in co-culture: changes in low density lipoprotein metabolism. Davies PF, et al. **J Cell Biol** 1985 Sep;101(3):871-9

Uptake of gold- and [3H]cholesteryl linoleate-labeled human low density lipoprotein by cultured rat granulosa cells: cellular mechanisms involved in lipoprotein metabolism and their importance to steroidogenesis. Paavola LG, et al. **J Cell Biol** 1985 Apr;100(4):1235-47

Uptake of chemically modified low density lipoproteins in vivo is mediated by specific endothelial cells. Pitas RE, et al. **J Cell Biol** 1985 Jan;100(1):103-17

Identification and isolation of endothelial cells based on their increased uptake of acetylated-low density lipoprotein. Voyta JC, et al. **J Cell Biol** 1984 Dec;99(6):2034-40

Phorbol esters inhibit the binding of low-density lipoproteins (LDL) to U-937 monocytelike cells. Rouis M, et al. **J Cell Physiol** 1984 Dec;121(3):540-6

Addition of a mannose-6-phosphate-containing oligosaccharide alters cellular processing of low density lipoprotein by parental and LDL-receptor-defective Chinese hamster ovary cells. Leichtner AM, et al. **J Cell Sci** 1984 Jun;68:183-94

Glucocorticoid-stimulated biosynthesis of low density lipoprotein receptor in cultured fibroblasts. Filipovic I, et al. **J Clin Chem Clin Biochem** 1985 Jun;23(6):331-6

Human chorionic gonadotropin and 8-bromo-adenosine 3',5'-monophosphate stimulate [125I]low density lipoprotein uptake and metabolism by luteinized human granulosa cells in culture. Golos TG, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):633-8

Iron and copper promote modification of low density lipoprotein by human arterial smooth muscle cells in culture. Heinecke JW, et al. **J Clin Invest** 1984 Nov; 74(5):1890-4

Defective metabolism of hypertriglyceridemic low density lipoprotein in cultured human skin fibroblasts. Normalization with bezafibrate therapy. Kleinman Y, et al. **J Clin Invest** 1985 Jun;75(6):1796-1803

Effect of monocyte migration on low density lipoprotein transport across aortic endothelial cell monolayers. Territo M, et al. **J Clin Invest** 1984 Dec;74(6):2279-84

Trichomonas vaginalis is dependent on uptake and degradation of human low density lipoproteins. Peterson KM, et al. **J Exp Med** 1984 Nov 1;160(5):1261-72

Defective low-density lipoprotein metabolism in cultured, normal, transformed, and malignant keratinocytes. Ponec M, et al. **J Invest Dermatol** 1984 Dec;83(6):436-40

Sites and mechanisms of uptake and degradation of high density and low density lipoproteins. Pittman RC, et al. **J Lipid Res** 1984 Dec 15;25(13):1577-85 (61 ref.)

Solubilization of the 17 alpha-ethinyl estradiol-stimulated low density lipoprotein receptor of male rat liver. Roach PD, et al. **J Lipid Res** 1985 Jun;26(6):713-20

Rates of low density lipoprotein uptake and cholesterol synthesis are regulated independently in the liver. Spady DK, et al. **J Lipid Res** 1985 Apr;26(4):465-72

Age-related decreases in tissue sterol acquisition are mediated by changes in cholesterol synthesis and not low density lipoprotein uptake in the rat. Stange EF, et al. **J Lipid Res** 1984 Jul;25(7):703-13

A water-soluble cholesteryl-containing trisgalactoside: synthesis, properties, and use in directing lipid-containing particles to the liver. Kempen HJ, et al. **J Med Chem** 1984 Oct;27(10):1306-12

Relationships between composition and cellular uptake of lipoproteins from normal and hyperlipemic swine. Shireman RB, et al. **J Nutr** 1984 Dec;114(12):2373-82

Characterization of low density lipoprotein receptors in freshly isolated leukemic guinea pig lymphocytes (L2C). Sainte-Marie J, et al. **J Recept Res** 1985;5(2-3):171-92

Metabolic fate of low density lipoprotein and high density lipoprotein labeled with an ether analogue of cholesteryl ester. Stein O, et al. **Klin Wochenschr** 1984 Dec 17; 62(24):1151-6

Abnormal cell-interactive properties of low-density lipoproteins isolated from patients with chronic renal failure. Gonen B, et al. **Metabolism** 1985 Jan;34(1):10-4

Identification of specific binding sites for acetylated low density lipoprotein in microvillous membranes from human placenta. Alsat E, et al. **Mol Cell Endocrinol** 1985 Jul; 41(2-3):229-35

Platelet secretory products inhibit lipoprotein metabolism in macrophages. Phillips DR, et al. **Nature** 1985 Aug 22-28; 316(6030):746-8

Essential role of phospholipase A2 activity in endothelial cell-induced modification of low density lipoprotein. Parthasarathy S, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):3000-4

Dietary saturated triacylglycerols suppress hepatic low density lipoprotein receptor activity in the hamster. Spady DK, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4526-30

Unmodified low density lipoprotein causes cholesteryl ester accumulation in J774 macrophages. Tabas I, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):416-20

The effect of concanavalin A-stimulated mononuclear cells on low density lipoprotein receptor activity of cultured fibroblasts. Hiramatsu K, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):9-16

Low-density lipoprotein metabolism following renal transplantation. Tsakiris D, et al. **Transplantation** 1985 Apr; 39(4):458-60

[Dietary fats, lipoproteins and atherogenesis] Jacotot B. **Pathol Biol (Paris)** 1985 Apr;33(4):250-3 (Eng. Abstr.) **(Fre)**

[Abnormal LDL receptor, hyperlipemia and arteriosclerosis] Nakamura H, et al. **Nippon Rinsho** 1985 Apr;43(4):808-11 **(Jpn)**

[Stereological analysis of the nonspecific endocytotic uptake of lipoproteins by aortic endothelium in the initial stages of experimental atherosclerosis in rabbits] Bobryshev IuV, et al. **Arkh Patol** 1984;46(10):36-42 (Eng. Abstr.) **(Rus)**

[Effect of adrenaline on incorporation of 125I-LDL into the aorta] Makhmudov RM, et al. **Kardiologiia** 1984 Aug; 24(8):96-9 (Eng. Abstr.) **(Rus)**

[Beta-lipoproteins and proliferative cellular elements of the aortic intima in rabbits in the dynamics of experimental arterio-sclerosis] Nagornev VA, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):35-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effect of LDL and modified LDL on macrophage secretion products. Prescott MF, et al. **Agents Actions [Suppl]** 1984;16:163-70

Regulation of high density lipoprotein binding activity of aortic endothelial cells by treatment with acetylated low density lipoprotein. Brinton EA, et al. **Arteriosclerosis** 1985 Jul-Aug;5(4):329-35

Role of low density lipoprotein in the activation of plasma lysolecithin acyltransferase activity. Effect of chemical and enzymatic modifications of the lipoprotein on enzyme activity. Subbaiah PV, et al. **Atherosclerosis** 1985 Jan; 54(1):99-110

The effect of low-density lipoproteins on the synthesis of cyclic nucleotides induced by prostacyclin in isolated platelets. Bruckdorfer KR, et al. **Biochem J** 1984 Oct 1; 223(1):189-96

Native and modified low-density-lipoprotein interaction with human platelets in normal and homozygous familial-hypercholesterolaemic subjects. Shmulewitz A, et al. **Biochem J** 1984 Nov 15;224(1):13-20

Interaction of high and low density lipoproteins on glycosaminoglycan secretion by human vascular smooth muscle cells and fibroblasts. Wosu L, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):984-90

Effects of normolipidemic high-density lipoproteins on proliferation of monkey aortic smooth muscle cells induced by hyperlipidemic low-density lipoproteins. Yoshida Y, et al. **Exp Mol Pathol** 1984 Oct;41(2):258-66

Chemically modified low density lipoproteins as inducers of enzyme release from macrophages. Hartung HP, et al. **FEBS Lett** 1985 Jul 8;186(2):211-4

Lipoprotein-heparin-fibronectin-denatured collagen complexes enhance cholesteryl ester accumulation in macrophages. Falcone DJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1266-74

Inhibition of prostaglandin I2 (PGI2) formation by LDL-cholesterol or LDL-peroxides? Beitz J, et al. **Prostaglandins** 1983 Dec;26(6):885-92

[Effect of low-density lipoproteins on neutrophil chemotaxis in chronic ischemic heart disease patients] Belko VA. **Kardiologiia** 1985 May;25(5):101-3 **(Rus)**

PHYSIOLOGY

The phosphatidylinositol response and proliferation of oxidative enzyme-activated human T lymphocytes: suppression by plasma lipoproteins. Akeson AL, et al. **J Lipid Res** 1984 Nov;25(11):1195-205

Endothelial cell-derived chemotactic activity for mouse peritoneal macrophages and the effects of modified forms of low density lipoprotein. Quinn MT, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5949-53

SECRETION

In vitro secretion of pro-opiomelanocortin (POMC) derived peptides in human ACTH-producing pituitary adenomas: evaluation of hormone ratios in different functional states. Westphal M, et al. **Mol Cell Endocrinol** 1984 Sep; 37(2):145-51

TOXICITY

Monocytes and neutrophils oxidize low density lipoprotein making it cytotoxic. Cathcart MK, et al. **J Leukocyte Biol** 1985 Aug;38(2):341-50

LIPOPROTEINS, LDL RECEPTORS see **RECEPTORS, LDL**

LIPOPROTEINS, VLDL

Thermotropic properties and molecular dynamics of cholesteryl ester rich very low density lipoproteins: effect of hydrophobic core on polar surface. Morrisett JD, et al. **Biochemistry** 1984 Oct 23;23(22):5343-52

ANALYSIS

Molecular weights of apoprotein B obtained from human low-density lipoprotein (apoprotein B-PI) and from rat very low density lipoprotein (apoprotein B-PIII). Elovson J, et al. **Biochemistry** 1985 Mar 12;24(6):1569-78

A simple and rapid anti-ligand enzyme immunoassay for visualization of low-density lipoprotein membrane receptors. Dresel HA, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):452-7

BIOSYNTHESIS

Comparison of clofibrate and caloric restriction on kinetics of very low density lipoprotein triglycerides. Kesaniemi YA, et al. **Arteriosclerosis** 1985 Mar-Apr;5(2):153-61

Lipoprotein synthesis and secretion by cultured rat hepatocytes. Parallel inhibition of secretion of VLDL, HDL and albumin by monensin. Melin B, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):574-88

Production of two distinct and independent hepatic immunoregulatory molecules by the perfused rat liver. Chisari FV, et al. **Hepatology** 1985 Sep-Oct;5(5):735-43

Estradiol-induced alteration of very-low-density lipoprotein assembly. Possible competition among apoproteins for incorporation into nascent very-low-density lipoprotein. Miller KW, et al. **J Biol Chem** 1984 Dec 25; 259(24):15277-86

BLOOD

Effect of dietary egg on variability of plasma cholesterol levels and lipoprotein cholesterol. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):421-31

Demonstration of an abnormality of C apoprotein of very low density lipoprotein in patients with gout. Macfarlane DG, et al. **Ann Rheum Dis** 1985 Jun;44(6):390-4

Accelerated turnover of very low density lipoprotein triglycerides in chronic alcohol users. A possible mechanism for the up-regulation of high density lipoprotein by ethanol. Sane T, et al. **Atherosclerosis** 1984 Nov;53(2):185-93

Monoclonal antibodies to low density lipoprotein used for the study of low- and very-low-density lipoproteins, in 'ELISA' and immunoprecipitation technics. Salmon S, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):704-11

Characterization and metabolic fate of two very-low-density lipoprotein subfractions separated by heparin-sepharose chromatography. Huff MW, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):251-61

Development of divergent lines of lean and fat broilers using plasma very low density lipoprotein concentration as selection criterion: the first three generations. Whitehead CC, et al. **Br Poult Sci** 1984 Oct;25(4):573-82

Circulating human C-reactive protein binds very low density lipoproteins. Rowe IF, et al. **Clin Exp Immunol** 1984 Oct; 58(1):237-44

Very low density lipoprotein triglyceride kinetics during hepatic lipase suppression by estrogen. Studies on the physiological role of hepatic endothelial lipase. Tikkanen MJ, et al. **FEBS Lett** 1985 Feb 11;181(1):160-4

The change of serum lipoproteins observed in non insulin dependent diabetic patients and a study of its mechanism. Hayashi K, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):619-24

Low-density lipoprotein receptor binding determinants switch from apolipoprotein E to apolipoprotein B during conversion of hypertriglyceridemic very-low-density lipoprotein to low-density lipoproteins. Bradley WA, et al. **J Biol Chem** 1984 Dec 10;259(23):14728-35

VLDL apolipoprotein B determination in blood serum following precipitation of LDL with polyvinylsulphate. Schriewer H, et al. **J Clin Chem Clin Biochem** 1985 Jun; 23(6):349-53

Development of an integrated model for analysis of the kinetics of apolipoprotein B in plasma very low density lipoproteins, intermediate density lipoproteins, and low density lipoproteins. Beltz WF, et al. **J Clin Invest** 1985 Aug;76(2):575-85

Catabolism of very low density lipoproteins in experimental nephrosis. Garber DW, et al. **J Clin Invest** 1984 Oct; 74(4):1375-83

Metabolism of apolipoprotein B in large triglyceride-rich very low density lipoproteins of normal and hypertriglyceridemic subjects. Packard CJ, et al. **J Clin Invest** 1984 Dec;74(6):2178-92

Preferential enrichment of large-sized very low density lipoprotein populations with transferred cholesteryl esters. Eisenberg S. **J Lipid Res** 1985 Apr;26(4):487-94

Apolipoprotein A-I-containing lipoproteins with pre-beta electrophoretic mobility. Kunitake ST, et al. **J Lipid Res** 1985 May;26(5):549-55

Is hypertriglyceridemic very low density lipoprotein a precursor of normal low density lipoprotein? Oschry Y, et al. **J Lipid Res** 1985 Feb;26(2):158-67

Characterization of very low density lipoproteins and intermediate density lipoproteins of normo- and hyperlipidemic apolipoprotein E-2 homozygotes. Schmitz G, et al. **J Lipid Res** 1985 Mar;26(3):316-26

Role of very low density lipoproteins in the energy metabolism of the rat. Wolfe RR, et al. **J Lipid Res** 1985 Feb;26(2):210-7

Kinetic analysis of lipoproteins [letter] Asmal AC. **JAMA** 1985 Feb 15;253(7):978-9

Comparative studies of triacylglycerol structure of very low density lipoproteins and chylomicrons of normolipemic subjects and patients with type II hyperlipoproteinemia. Myher JJ, et al. **Lipids** 1985 Feb;20(2):90-101

Studies of triacyglycerol structure of very low density lipoproteins of normolipemic subjects and patients with type III and type IV hyperlipoproteinemia. Myher JJ, et al. **Lipids** 1984 Sep;19(9):683-91

Impaired catabolism of very low-density lipoprotein-triglyceride in a family with primary hypertriglyceridemia. Dunn FL, et al. **Metabolism** 1985 Apr;34(4):316-24

Chylomicron and very low-density lipoprotein apolipoprotein B metabolism: mechanism of the response to stanozolol in a patient with severe hypertriglyceridemia. Hazzard WR, et al. **Metabolism** 1984 Oct;33(10):873-81

Sequence of alcohol-induced initial changes in plasma lipoproteins (VLDL and HDL) and lipolytic enzymes in humans. Taskinen MR, et al. **Metabolism** 1985 Feb; 34(2):112-9

Receptor-mediated uptake of hypertriglyceridaemic VLDL remnants by mouse macrophages in vitro. Naruszewicz M, et al. **Nahrung** 1985;29(6):609-14

Competitive binding of quinidine, propranolol, and 4-OH-propranolol to human plasma very low-density (VLDL) and low-density (LDL) lipoproteins. Ho Ngoc-Ta Trung A, et al. **Pharm Acta Helv** 1985; 60(4):106-9

ApoE-2/E-3 ratio of very low density lipoprotein in diabetes mellitus. Sano R, et al. **Tohoku J Exp Med** 1985 Jun; 146(2):131-6

[Changes in individual plasma lipoprotein fractions in children with simple obesity] Krawczuk-Rybakowa M, et al. **Kardiol Pol** 1984;27(4):297-305 (Eng. Abstr.) **(Pol)**

DEFICIENCY

Transient lipoprotein deficiency at birth: a cause of low levels of vitamin E in the newborn. Desai ID, et al. **Acta Vitaminol Enzymol** 1984;6(2):71-6

GENETICS

Nuclease-hypersensitive sites in chromatin of the estrogen-inducible apoVLDL II gene of chicken. Kok K, et al. **Nucleic Acids Res** 1985 Jul 25;13(14):5189-202

Sequence homologies in the region preceding the transcription initiation site of the liver estrogen-responsive vitellogenin and apo-VLDLII genes. Walker P, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8611-26

Cloning and expression of apolipoprotein B, the major protein of low and very low density lipoproteins. Lusis AJ, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4597-601

ISOLATION & PURIFICATION

Double pre-beta lipoprotein. Isolation and characterization of the two population of very low density lipoproteins by zonal ultracentrifugation. Manzato E, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):598-603

Purification and characterization of bovine lipoproteins: resolution of high density and low density lipoproteins using heparin-Sepharose chromatography. Cordle SR, et al. **J Lipid Res** 1985 Jun;26(6):721-5

METABOLISM

Hypertriglyceridemia: lipoprotein receptors and atherosclerosis. Gianturco SH, et al. **Adv Exp Med Biol** 1985;183:47-71

Metabolism of apolipoproteins and the metabolic heterogeneity of apo B in the rat. Marsh JB **Adv Exp Med Biol** 1985;183:99-112

Metabolic channelling of apolipoprotein B in very low density lipoprotein. Packard CJ, et al. **Agents Actions [Suppl]** 1984;16:115-20

Relationship of endocrine status on the stimulatory effect of ethanol on hepatic very low density lipoprotein synthesis. Lakshmanan MR, et al. **Alcoholism (NY)** 1984 Jul-Aug;8(4):359-61

Evidence for separate pathways of chylomicron and very low-density lipoprotein assembly and transport by rat small intestine. Tso P, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):G599-610

Effect of sepsis on VLDL kinetics: responses in basal state and during glucose infusion. Wolfe RR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E732-40

Different uptake in rat peritoneal macrophages of beta-very low density lipoprotein prepared from Sprague-Dawley rats and hypercholesterolemic rats (ExHC rats). Kitazaki T, et al. **Artery** 1983;12(3):170-81

Secretion of cholesteryl ester-enriched very low density lipoproteins by the liver of cholesterol-fed rabbits. MacKinnon AM, et al. **Atherosclerosis** 1985 Feb; 54(2):145-55

Apo E-mediated uptake and degradation of normal very low density lipoproteins by human monocyte/macrophages: a saturable pathway distinct from the LDL receptor. Wang-Iverson P, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):578-86

The effects of monensin on secretion of very-low-density lipoprotein and metabolism of asialofetuin by cultured rat hepatocytes. Rustan AC, et al. **Biochem J** 1985 Apr 15; 227(2):529-36

Low-density lipoproteins modified by lipid transfer protein have altered biological activity. Chait A, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):314-25

Uptake and degradation of human very-low-density lipoproteins by rat liver endothelial cells in culture. Gustafson S, et al. **Biochim Biophys Acta** 1985 May 17; 834(3):308-15

Comparison of very-low-density lipoproteins isolated from rat liver perfusate, rat serum and human plasma as acceptors for cholesteryl ester transfer. Noël SP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):277-84

Effects of hormones and pyruvate on the rates of secretion of very-low-density lipoprotein triacylglycerol and cholesterol by rat hepatocytes. Pullinger CR, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):44-51

An in vitro model to study lipolysis of rat hepatic very low density lipoprotein using cardiac lipoprotein lipase. Brissette L, et al. **Can J Biochem Cell Biol** 1984 Nov; 62(11):1076-80

Thyroid status alters structure of VLDL secreted by perfused rat liver. Schroeder F, et al. **Drug Nutr Interact** 1982; 1(3):249-63

Changes in very low density lipoprotein particle size and production in response to sucrose feeding and hyperinsulinemia. Kazumi T, et al. **Endocrinology** 1985 Sep; 117(3):1145-50

Models and mechanisms in very low density lipoprotein metabolism [editorial] Packard CJ, et al. **Eur J Clin Invest** 1985 Apr;15(2):51-2

Glucose and fructose feeding lead to alterations in structure and function of very low density lipoproteins. Verschoor L, et al. **Horm Metab Res** 1985 Jun;17(6):285-8

Binding of chylomicron remnants and beta-very low density lipoproteins to hepatic and extrahepatic lipoprotein receptors. A process independent of apolipoprotein B48. Hui DY, et al. **J Biol Chem** 1984 Dec 25;259(24):15060-8

Effects of noninsulin-dependent diabetes mellitus on the uptake of very low density lipoproteins by thioglycolate-elicited mouse peritoneal macrophages. Kraemer FB, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):335-42

Roles of apolipoproteins B and E in the cellular binding of very low density lipoproteins. Krul ES, et al. **J Clin Invest** 1985 Feb;75(2):361-9

Uptake and processing of remnants of chylomicrons and very low density lipoproteins by rat liver. Jones AL, et al. **J Lipid Res** 1984 Nov;25(11):1151-8

Plasma phospholipid transfer protein enhances transfer and exchange of phospholipids between very low density lipoproteins and high density lipoproteins during lipolysis. Tall AR, et al. **J Lipid Res** 1985 Jul;26(7):842-51

Inhibitory effects of C apolipoproteins from rats and humans on the uptake of triglyceride-rich lipoproteins and their remnants by the perfused rat liver. Windler E, et al. **J Lipid Res** 1985 May;26(5):556-65

Relationships between composition and cellular uptake of lipoproteins from normal and hyperlipemic swine. Shireman RB, et al. **J Nutr** 1984 Dec;114(12):2373-82

Effect of desialylation of very low-density lipoproteins on their catabolism by lipoprotein lipase. Stoline AM, et al. **Metabolism** 1985 Jan;34(1):30-5

Effect of free fatty acids on renal metabolism of very low density lipoprotein triglyceride. Trimble ME. **Renal Physiol** 1985;8(1):1-7

Changes in intra- and extrahepatic VLDL in the rat following acute injury by thioacetamide. A morphometric and biochemical study. Franke H, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):277-88

[Experimental studies on lipoprotein metabolism in rats reared with liquid alcohol diet from the fetal life] Tamura Y. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):13-23 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Suppression of lymphocyte activation by plasma lipoproteins: modulation by cell number and type. Okano Y, et al. **Exp Cell Biol** 1985;53(4):199-212

[Effects of very-low-density lipoproteins on fatty acid synthesis and VLDL secretion by isolated hepatocytes] Kalopissis AD, et al. **Reprod Nutr Dev** 1985;25(1B):227-34 (Eng. Abstr.) **(Fre)**

SECRETION

Effect of protein depletion on the VLDL triacylglycerol secretion and apoprotein synthesis by the perfused liver from pregnant rats. Tournier H, et al. **Lipids** 1984 Nov; 19(11):902-5

LIPOPROTEINS, HDL CHOLESTEROL

ANALYSIS

Cholesterol determination in HDL, HDL2 and HDL3 fractions after polyanion precipitation: a comparison between chemical extractive and totally enzymatic procedures. Baldo Enzi G, et al. **Clin Chim Acta** 1985 Feb 28;146(1):81-6

BLOOD

Plasma HDL cholesterol and blood glucose in non-insulin-dependent diabetics related to liver lipids and microsomal enzyme activity. Luoma PV, et al. **Acta Med Scand** 1985;217(5):473-9

Oral progesterone and estrogen/progestogen therapy. Effects of natural and synthetic hormones on subfractions of HDL cholesterol and liver proteins. Ottosson UB. **Acta Obstet Gynecol Scand [Suppl]** 1984;127:1-37

Plasma-HDL-cholesterol and estimated ethanol consumption in 104 patients with alcohol dependence syndrome. Bell H, et al. **Alcohol Alcohol** 1985;20(1):35-40

The effects of Ba-wei-wan (hachimijiogan) on plasma levels of high density lipoprotein-cholesterol and lipoperoxide in aged individuals. Yoshida H, et al. **Am J Chin Med** 1985; 13(1-4):71-6

Effect of dietary egg on variability of plasma cholesterol levels and lipoprotein cholesterol. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):421-31

Re: 'Interpreting multiple logistic regression coefficients in prospective observational studies' [letter] **Am J Epidemiol** 1985 Aug;122(2):348-54

Alcohol consumption and high density lipoprotein cholesterol concentration among alcoholics. Dai WS, et al. **Am J Epidemiol** 1985 Oct;122(4):620-7

Relationship of exercise, oral contraceptive use, and body fat to concentrations of plasma lipids and lipoprotein cholesterol in young women. Merians DR, et al. **Am J Med** 1985 Jun;78(6 Pt 1):913-9

Effects of a high-complex-carbohydrate, low-fat, low-cholesterol diet on levels of serum lipids and estradiol. Rosenthal MB, et al. **Am J Med** 1985 Jan;78(1):23-7

Subfractions of high-density lipoprotein cholesterol during estrogen replacement therapy: a comparison between progestogens and natural progesterone. Ottosson UB, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):746-50

The association between plasma cholesterol, high-density-lipoprotein cholesterol, triglycerides and uric acid in ethanol consumers. Allen JK, et al. **Ann Clin Biochem** 1985 Jan;22 (Pt 1):62-6

Determination of HDL-cholesterol using 2,4,6-tribromo-3-hydroxybenzoic acid with a commercial CHOD-PAP reagent. Trinder P, et al. **Ann Clin Biochem** 1984 Sep;21 (Pt 5):430-3

High density lipoprotein cholesterol and apoprotein A1 in healthy volunteers during long-term moderate alcohol intake. Couzigou P, et al. **Ann Nutr Metab** 1984; 28(6):377-84

High density lipoprotein cholesterol subfractions and apoprotein A-I in patients with rheumatoid arthritis and ankylosing spondylitis [letter] Joven J, et al. **Arthritis Rheum** 1984 Oct;27(10):1199-200

The effect of ginseng on serum total cholesterol, HDL-cholesterol and triglyceride levels in postmenopausal women. Punnonen R, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):399-401

HDL cholesterol, LDL receptor activity and response to dietary cholesterol. A reply to the letter of Cortese, Miller, Marenah and Lewis [letter] Katan MB, et al. **Atherosclerosis** 1984 Sep;52(3):357-8

Serum high density lipoprotein subclasses, testosterone and sex-hormone-binding globulin in Trinidadian men of African and Indian descent. Miller GJ, et al. **Atherosclerosis** 1985 Jun;55(3):251-8

Plasma carnitine and lipid-lowering drugs. Nestruck AC, et al. **Atherosclerosis** 1985 Jun;55(3):353-6

Training, diet and physical characteristics of distance runners with low or high concentrations of high density lipoprotein cholesterol. Sady SP, et al. **Atherosclerosis** 1984 Dec; 53(3):273-81

Response of HDL cholesterol, apoprotein A-I, and LCAT to exercise withdrawal. Thompson CE, et al. **Atherosclerosis** 1985 Jan;54(1):65-73

Evidence for an independent relationship between plasma insulin and concentration of high density lipoprotein cholesterol and triglyceride. Zavaroni I, et al. **Atherosclerosis** 1985 Jun;55(3):259-66

Studies of the accuracy of measurements of serum high density lipoprotein cholesterol levels. Clark DA, et al. **Aviat Space Environ Med** 1984 Oct;55(10):941-5

HDL-cholesterol related to weight, smoking, and physical fitness in German Air Force pilots. Reichenbach-Klinke K, et al. **Aviat Space Environ Med** 1985 Jul;56(7):709-13

Total and high density lipoprotein cholesterol in the serum and risk of mortality: evidence of a threshold effect. Goldbourt U, et al. **Br Med J [Clin Res]** 1985 Apr 27; 290(6477):1239-43

Plasma lipids and insulin--gall stone disease: a case control study [letter] Thornton JR. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):832

Effects of cimetidine and ranitidine on high density lipoprotein cholesterol concentrations. Wilson JA, et al. **Br Med J [Clin Res]** 1985 Mar 16;290(6471):807-8

Effects of interval and continuous running on HDL-cholesterol, apoproteins A-1 and B, and LCAT. Thomas TR, et al. **Can J Appl Sport Sci** 1985 Mar; 10(1):52-9

Continuous-flow enzymic determination of serum total and high density lipoprotein cholesterol using microlitre sample volumes. Jacklyn CL, et al. **Clin Biochem** 1985 Apr; 18(2):134-7

Interpretation of plasma lipid and lipoprotein measurements [editorial] Bachorik PS. **Clin Chem** 1985 Jul;31(7):1107-8

Variability of plasma lipids and lipoproteins: the Jerusalem Lipid Research Clinic Study. Friedlander Y, et al. **Clin Chem** 1985 Jul;31(7):1121-6

Precipitation of Mn2+ with HCO3- in determinations of high-density lipoprotein subfractions [letter] Joven J, et al. **Clin Chem** 1985 Feb;31(2):340

Comparison of improved precipitation methods for quantification of high-density lipoprotein cholesterol. Warnick GR, et al. **Clin Chem** 1985 Feb;31(2):217-22

Reference sera with graded levels of high density lipoprotein cholesterol. Kuchmak M, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):237-43

Transient reduction in serum HDL-cholesterol following medroxyprogesterone acetate and testosterone cypionate administration to healthy men. Friedl KE, et al. **Contraception** 1985 Apr;31(4):409-20

Effect of a high fibre, high carbohydrate dietary regimen on serum lipids and lipoproteins in type II hypertensive diabetic patients. Pacy PJ, et al. **Diabetes Res** 1984 Sep; 1(3):159-63

Increase in serum total cholesterol and low-density lipoprotein cholesterol by high-dose chenodeoxycholic acid in patients with radiolucent gallstones significantly reversed during preventive low dose after gallstone dissolution. Pérez-Aguilar F, et al. **Digestion** 1985; 31(4):225-33

Reference values for serum lipids and lipoprotein cholesterol in adults and cord blood of Kenyan Africans. Ojwang PJ, et al. **East Afr Med J** 1984 May;61(5):367-71

Effects of desogestrel, levonorgestrel and lynestrenol on serum sex hormone binding globulin, cortisol binding globulin, ceruloplasmin and HDL-cholesterol. Ruokonen A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul; 20(1):13-8

Effects of an antiestrogen on subfractions of HDL cholesterol during estrogen replacement therapy. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(3):140-6

A comparison of plasma cholesterol, triglycerides and high density lipoprotein cholesterol levels in women using contraceptive pills and a control group. Yeshurun D, et al. **Gynecol Obstet Invest** 1984;18(4):169-73

Aerobic fitness and serum high-density lipoprotein cholesterol in young children. Sady SP, et al. **Hum Biol** 1984 Dec;56(4):771-81

HDL serum cholesterol and 24-year mortality of men in Finland. Keys A, et al. **Int J Epidemiol** 1984 Dec; 13(4):428-35

Reduced high-density lipoprotein-cholesterol in power athletes: use of male sex hormone derivates, an atherogenic factor. Alén M, et al. **Int J Sports Med** 1984 Dec;5(6):341-2

Behavioral and physiological consequences of stress and its antecedent factors. Hendrix WH, et al. **J Appl Psychol** 1985 Feb;70(1):188-201

High density lipoprotein and coronary artery disease risk factors in children with different lipoprotein profiles: Bogalusa Heart Study. Freedman DS, et al. **J Chronic Dis** 1985;38(4):327-38

The effects of cigarette smoking on serum levels of HDL cholesterol and HDL apolipoprotein A-I. Findings of a prospective epidemiological study on employees of several companies in Westphalia, West Germany. Assmann G, et al. **J Clin Chem Clin Biochem** 1984 Jun;22(6):397-402

HDL phosphatidyl choline and risk-factors of coronary heart disease. Schriewer H, et al. **J Clin Chem Clin Biochem** 1984 Aug;22(8):515-21

Effects of specific antibodies, hormones, and lipoproteins on bacterial lipopolysaccharides injected into the rat. Munford RS, et al. **J Infect Dis** 1985 Jul;152(1):177-84

High density lipoprotein cholesterol in transient global amnesia [letter] Matias-Guiu J, et al. **J Neurol Neurosurg Psychiatry** 1984 Oct;47(10):1139-40

Origin of the increase in H.D.L. cholesterol on sportsmen. Pilardeau PA, et al. **J Sports Med Phys Fitness** 1984 Dec; 24(4):311-4

Beta-blocker induced changes in the cholesterol: high-density lipoprotein cholesterol ratio and risk of coronary heart disease. Woodcock BG, et al. **Klin Wochenschr** 1984 Sep 17;62(18):843-9

HDL-cholesterol in dementia [letter] **Lancet** 1985 Jul 6; 2(8445):43

Vitamin C and plasma cholesterol [letter] Livesley B. **Lancet** 1984 Dec 1;2(8414):1275

High-density lipoprotein cholesterol in differential diagnosis of senile dementia. Muckle TJ, et al. **Lancet** 1985 May 25; 1(8439):1191-3

Androgens reduce HDL2-cholesterol and increase hepatic triglyceride lipase activity. Kantor MA, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):462-5

Relationship between zinc intake, physical activity, and blood levels of high-density lipoprotein cholesterol in a healthy elderly population. Goodwin JS, et al. **Metabolism** 1985 Jun;34(6):519-23

Inverse relationship of serum HDL and HDL2 cholesterol to C-peptide level in middle-aged insulin-treated diabetics. Laakso M, et al. **Metabolism** 1985 Aug;34(8):715-20

Tracking of high- and low-density-lipoprotein cholesterol from childhood to young adulthood in a single large kindred with familial hypercholesterolemia. Mellies MJ, et al. **Metabolism** 1985 Aug;34(8):747-53

Severe depression of high-density lipoprotein cholesterol levels in weight lifters and body builders by self-administered exogenous testosterone and anabolic-androgenic steroids. Webb OL, et al. **Metabolism** 1984 Nov;33(11):971-5

Nephrotic syndrome associated with hyper-high-density lipoproteinemia potentiated by prednisolone therapy. Sasaki J, et al. **Nephron** 1985;41(1):110-3

HDL cholesterol and risk of heart disease. Francis K. **Phys Ther** 1984 Nov;64(11):1724, 1729

The effect of acebutolol on plasma apoproteins and HDL cholesterol subfractions. Lehtonen A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):427-35

Serum selenium, glutathione peroxidase activity and high-density lipoprotein cholesterol--effect of selenium supplementation. Luoma PV, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec; 46(3):469-72

Serum total and high-density lipoprotein cholesterol--reference values obtained in the Coronary Risk Factor Study baseline survey. Rossouw JE, et al. **S Afr Med J** 1985 Apr 6;67(14):533-8

Exercise, high-density lipoprotein-cholesterol, and cardiorespiratory function in climacteric women. Busby J, et al. **South Med J** 1985 Jul;78(7):769-73

Increased levels of HDL-cholesterol and apolipoprotein A-I after intensified insulin therapy for diabetes. Wilson DP, et al. **South Med J** 1985 Jun;78(6):636-8

Diet and exercise in the regulation of plasma lipids and lipoproteins in patients at risk of coronary disease. Hartung GH. **Sports Med** 1984 Nov-Dec;1(6):413-8 (22 ref.)

Serum HDL/total cholesterol ratio and blood pressure in asymptomatic atherosclerotic lesions of the cervical carotid arteries in men. van Merode T, et al. **Stroke** 1985 Jan-Feb; 16(1):34-8

Elevation of plasma high density lipoprotein-cholesterol in spontaneously diabetic Chinese hamsters. Eto M, et al. **Tohoku J Exp Med** 1984 Nov;144(3):281-90

Total cholesterol, high density lipoprotein cholesterol and choline esterase in overseas and Japanese university students. Nakamura S. **Tohoku J Exp Med** 1985 Apr; 145(4):369-71

HDL cholesterol in diabetic gangrene. Suyono S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:587-91

[Changes in serum lipid levels in coronary heart disease with energy stagnancy and blood stasis] Xu QY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):265-6, 258 (Eng. Abstr.) **(Chi)**

[Serum HDL-cholesterol level in acute myocardial infarct patients with normal total cholesterol] Cui QW. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep; 12(3):199-200 **(Chi)**

[Serum high-density lipoprotein cholesterol and its subclasses in normal subjects, diabetics and coronary patients] Wang ZQ. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):200-3, 253-4 (Eng. Abstr.) **(Chi)**

[Relation of total blood cholesterol and HDL-cholesterol] Klimešová A, et al. **Cas Lek Cesk** 1985 May 3;124(18):556-9 (Eng. Abstr.) **(Cze)**

[Increase in serum trypsin activity, decrease in HDL cholesterol and atheroma in the chronic alcoholic] Hillemand B, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):229-34 (Eng. Abstr.) **(Fre)**

[HDL cholesterol and physical training: comparative study of a group of sedentary with a group of athletic young subjects] Rouillon JD, et al. **Pathol Biol (Paris)** 1985 Mar; 33(3):202-4 (Eng. Abstr.) **(Fre)**

[Relation between HDL cholesterol and fasting glycemia in a normal population and a diabetic group] Martin BC, et al. **Schweiz Med Wochenschr** 1984 Dec 8;114(49):1834-6 (Eng. Abstr.) **(Fre)**

[Distinct increase of plasma concentrations of high-density lipoprotein 2 and post-heparin lipolytic activity by constant moderate alcohol intake] Breier C, et al. **Schweiz Med Wochenschr** 1984 Dec 22;114(51):1930-2 (Eng. Abstr.) **(Ger)**

[Direct quantitative determination of LDL cholesterol and HDL cholesterol using agarose gel electrophoresis] Herrmann W, et al. **Z Gesamte Inn Med** 1984 Oct 1; 39(19):478-81 (Eng. Abstr.) **(Ger)**

[HDL and LDL cholesterol changes in psychological stress in relation to stress experience] Scheuch K, et al. **Z Gesamte Inn Med** 1984 Jun 15;39(12):273-7 (Eng. Abstr.) **(Ger)**

[Method for the determination of HDL cholesterol] Flämig J, et al. **Z Med Lab Diagn** 1984;25(8):452-4 (Eng. Abstr.) **(Ger)**

[Plasma values of vitamin A and its binding proteins (retinol binding proteins and prealbumin), carotene, total cholesterol and HDL-cholesterol in subjects with breast carcinoma] Audisio M, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):467-74 (Eng. Abstr.) **(Ita)**

[Plasma levels of apolipoprotein and HDL-cholesterol in patients with rheumatoid arthritis] Frati E, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1791-6 (Eng. Abstr.) **(Ita)**

[Short-term effects of a training program on the plasma level of HDL-cholesterol in infarct patients] Bigi R, et al. **Minerva Cardioangiol** 1985 Mar;33(3):127-34 (Eng. Abstr.) **(Ita)**

[HDL cholesterol and insulin therapy in type 1 diabetes] Manicardi V, et al. **Minerva Endocrinol** 1984 Apr-Jun; 9(2):275-8 (Eng. Abstr.) **(Ita)**

[Evaluation of HDL cholesterol in diabetes mellitus in relation to various types of therapy] Floriani M, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):236-43 (Eng. Abstr.) **(Ita)**

[Serum high density lipoprotein cholesterol levels in patients with bronchial asthma] Tokizawa M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan; 23(1):98-105 (Eng. Abstr.) **(Jpn)**

[The changes of serum total cholesterol, HDL-cholesterol and atherogenic index in postpartum] Mizuno O, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2593-7 (Eng. Abstr.) **(Jpn)**

[Studies on the measurement of HDL2- and HDL3-cholesterol by a precipitation test using dextran sulfate and its clinical application] Takamatsu K, et al. **Rinsho Byori** 1984 Nov;32(11):1235-41 **(Jpn)**

[H3-cholesterol distribution in the erythrocytes and serum lipoproteins in patients with chronic renal failure] Zdrojewski Z. **Pol Arch Med Wewn** 1984 Apr;71(4):249-56 (Eng. Abstr.) **(Pol)**

[Effect of propranolol on serum HDL cholesterol levels] Iwańska J, et al. **Pol Tyg Lek** 1984 Jun 12-25; 39(25-26):867-9 (Eng. Abstr.) **(Pol)**

[HDL cholesterol lipoprotein levels and the atherogenicity coefficient in males with diabetes mellitus and ischemic heart disease] Kudriakova SV, et al. **Kardiologiia** 1984 Nov; 24(11):40-3 (Eng. Abstr.) **(Rus)**

[Study of atherogenic and anti-atherogenic lipoprotein lipids in lung diseases] Kolb VG, et al. **Lab Delo** 1984;(9):537-40 (Eng. Abstr.) **(Rus)**

[The levels of high density lipoprotein cholesterol and other lipids in the native population of the mountain region of Kirghizia] Aĭtbaev KA. **Vopr Med Khim** 1985 Jan-Feb; 31(1):58-61 (Eng. Abstr.) **(Rus)**

[Self-regulation of the functional state of high density lipoproteins and its disorders in hypoalphacholesterolemia (review)] Gerasimova EN, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):32-40 (59 ref.) (Eng. Abstr.) **(Rus)**

[Various reasons for changes in the phospholipid composition of high density lipoproteins in hypoalphacholesterolemia] Gerasimova EN, et al. **Vopr Med Khim** 1985 May-Jun; 31(3):132-6 (Eng. Abstr.) **(Rus)**

[Esterifying activity of the plasma in patients with ischemic heart disease] Ozerova IN, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):118-23 (Eng. Abstr.) **(Rus)**

[HDL-cholesterol values in childhood] Jovanović S, et al. **Med Pregl** 1985;38(1-2):73-5 (Eng. Abstr.) **(Scr)**

[Changes in high-density lipoproteins during the acute phase of acute myocardial infarction] Joven J, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):135-7 (Eng. Abstr.) **(Spa)**

METABOLISM

Enzymology of lecithin:cholesterol acetyltransferase. Assmann G, et al. **Biochem Soc Trans** 1985 Feb;13(1):19-20

Regulation of liver lipase. II. Involvement of the alpha 1-receptor. Schoonderwoerd K, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):481-6

Cimetidine increases HDL-cholesterol, particularly in the HDL3 subfraction. Franceschini G, et al. **Metabolism** 1985 Jul;34(7):597-9

[Origin and fate of cholesterol in rat plasma lipoproteins in vivo. III. Demonstration and measurement of the flow rate of HDL esterified cholesterol to the chylomicrons] Magot T. **Ann Nutr Metab** 1985;29(3):175-83 (Eng. Abstr.) **(Fre)**

LIPOPROTEINS, LDL CHOLESTEROL

BLOOD

Effect of dietary egg on variability of plasma cholesterol levels and lipoprotein cholesterol. Oh SY, et al. **Am J Clin Nutr** 1985 Sep;42(3):421-31

Relationship of exercise, oral contraceptive use, and body fat to concentrations of plasma lipids and lipoprotein cholesterol in young women. Merians DR, et al. **Am J Med** 1985 Jun;78(6 Pt 1):913-9

Fluorescence quenching by iodide ions of low density lipoproteins from normolipidemic and hypercholesterolemic type IIa subjects. Effect of low density lipoprotein-cholesterol and low density lipoprotein non-apolipoprotein-B. Dang QQ, et al. **Chem Phys Lipids** 1984 Dec;36(2):121-30

Precipitation methods for the determination of LDL-cholesterol. Kerscher L, et al. **Clin Biochem** 1985 Apr;18(2):118-25

Interpretation of plasma lipid and lipoprotein measurements [editorial] Bachorik PS. **Clin Chem** 1985 Jul;31(7):1107-8

Five methods for determining low-density lipoprotein cholesterol compared. Demacker PN, et al. **Clin Chem** 1984 Nov;30(11):1797-800

Variability of plasma lipids and lipoproteins: the Jerusalem Lipid Research Clinic Study. Friedlander Y, et al. **Clin Chem** 1985 Jul;31(7):1121-6

An evaluation of three commercial methods for the determination of LDL-cholesterol. Mulder K, et al. **Clin Chim Acta** 1984 Oct 29;143(1):29-35

Reference values for serum lipids and lipoprotein cholesterol in adults and cord blood of Kenyan Africans. Ojwang PJ, et al. **East Afr Med J** 1984 May;61(5):367-71

Fenofibrate therapy of hypertriglyceridaemia. Differential effects on LDL cholesterol level in type IV and in type IIb primary hyperlipoproteinaemia. Sommariva D, et al. **Eur J Clin Pharmacol** 1984;26(6):741-4

Precipitation of LDL with sulphopolyanions: a comparison of two methods for LDL cholesterol determination. Assmann G, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):781-5

Tracking of high- and low-density-lipoprotein cholesterol from childhood to young adulthood in a single large kindred with familial hypercholesterolemia. Mellies MJ, et al. **Metabolism** 1985 Aug;34(8):747-53

Liver transplantation to provide low-density-lipoprotein receptors and lower plasma cholesterol in a child with homozygous familial hypercholesterolemia. Bilheimer DW, et al. **N Engl J Med** 1984 Dec 27;311(26):1658-64

Diet and exercise in the regulation of plasma lipids and lipoproteins in patients at risk of coronary disease. Hartung GH. **Sports Med** 1984 Nov-Dec;1(6):413-8 (22 ref.)

[Is it more valuable to determine LDL cholesterol or to calculate it? (letter)] Foucart P, et al. **Ann Biol Clin (Paris)** 1985;43(3):290-1 **(Fre)**

[Direct quantitative determination of LDL cholesterol and HDL cholesterol using agarose gel electrophoresis] Herrmann W, et al. **Z Gesamte Inn Med** 1984 Oct 1; 39(19):478-81 (Eng. Abstr.) **(Ger)**

[HDL and LDL cholesterol changes in psychological stress in relation to stress experience] Scheuch K, et al. **Z Gesamte Inn Med** 1984 Jun 15;39(12):273-7 (Eng. Abstr.) **(Ger)**

[H3-cholesterol distribution in the erythrocytes and serum lipoproteins in patients with chronic renal failure] Zdrojewski Z. **Pol Arch Med Wewn** 1984 Apr;71(4):249-56 (Eng. Abstr.) **(Pol)**

[Study of atherogenic and anti-atherogenic lipoprotein lipids in lung diseases] Kolb VG, et al. **Lab Delo** 1984;(9):537-40 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Inhibition of prostaglandin I2 (PGI2) formation by LDL-cholesterol or LDL-peroxides? Beitz J, et al. **Prostaglandins** 1983 Dec;26(6):885-92

LIPOSARCOMA

Retroperitoneal liposarcoma. Manlove CH, et al. **Minn Med** 1985 Aug;68(8):581-5

DIAGNOSIS

Standardized echographic-histopathologic correlations in liposarcoma. Nasr AM, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):193-200

Tumor of the heart diagnosed by magnetic resonance imaging. Pizzarello RA, et al. **J Am Coll Cardiol** 1985 Apr; 5(4):989-91

Primary renal liposarcoma mimicking angiomyolipoma on ultrasonography and conventional radiology. Khan AN, et al. **JCU** 1985 Jan;13(1):58-9

Case report 299. Metastatic liposarcoma. McLean RG, et al. **Skeletal Radiol** 1985;13(1):84-8

Primary cardiac liposarcoma simulating a left atrial myxoma. Nzayinambaho K, et al. **Thorac Cardiovasc Surg** 1985 Jun; 33(3):193-5

[Roentgeno-endoscopic examination in malignant tumors of the right segments of the large intestine] Sidorov VS, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):46-51 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Hypoglycemia with glycerol infusion as antineoplastic therapy: a hypothesis. Burt ME, et al. **Surgery** 1985 Feb; 97(2):231-3

METABOLISM

S-100 protein distribution in liposarcoma. An immunoperoxidase study with special reference to the distinction of liposarcoma from myxoid malignant fibrous histiocytoma. Hashimoto H, et al. **Virchows Arch [A]** 1984; 405(1):1-10

MORTALITY

Prognostic factors in liposarcoma. Reitan JB, et al. **Cancer** 1985 May 15;55(10):2482-90

OCCURRENCE

Liposarcoma: a ten year experience. Daniell SJ. **Int Orthop** 1985;9(1):55-8

PATHOLOGY

Malignant mediastinal myxoid tumor and renal cell carcinoma. Kuhara H, et al. **Acta Pathol Jpn** 1984 Jul; 34(4):881-7

Liposarcoma of the larynx. Allsbrook WC Jr, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):294-6

Lipomatous tumors: a correlative cytologic and histologic study of 27 tumors examined by fine needle aspiration cytology. Walaas L, et al. **Hum Pathol** 1985 Jan;16(1):6-18

Squamous cell carcinoma and liposarcoma of the larynx occurring metachronously. Narula A, et al. **J Laryngol Otol** 1985 May;99(5):509-11

Primary pleural liposarcoma. Evans AR, et al. **Thorax** 1985 Jul;40(7):554-5

[Round cell liposarcoma. Histopathologic and ultrastructural study of a case developed within the framework of a lipomatosis] Vilmant R, et al. **Ann Pathol** 1984 Dec; 4(5):377-81 (Eng. Abstr.) **(Fre)**

[Liposarcoma of the limbs] Oppermann A, et al. **Arch Anat Cytol Pathol** 1984;32(4):218-23 (Eng. Abstr.) **(Fre)**

[An extremely rare autopsy case of cardiac liposarcoma and Brenner tumor] Suzuki T, et al. **Gan No Rinsho** 1985 Apr; 31(4):434-40 (Eng. Abstr.) **(Jpn)**

[Liposarcomatous tumor emboli to the left iliac artery growing intraluminally into the femoral artery. A report of an operative and autopsy case] Ito K, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):357-61 (Eng. Abstr.) **(Jpn)**

[Gastric liposarcoma. Presentation of a case] López de la Riva M, et al. **Rev Esp Enferm Apar Dig** 1984 Oct; 66(4):335-8 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

[Computed tomographic diagnosis of liposarcoma] König H, et al. **ROFO** 1985 Mar;142(3):260-3 (Eng. Abstr.) **(Ger)**

[A case of retroperitoneal liposarcoma] Uchida K, et al. **Hinyokika Kiyo** 1984 Jun;30(6):781-5 (Eng. Abstr.) **(Jpn)**

[A case of huge posterior mediastinal liposarcoma] Hayasaka K, et al. **Rinsho Hoshasen** 1984 Aug;29(8):909-12 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

[A case report of right thigh liposarcoma with concentration of 99mTc-MDP] Ohtomo K, et al. **Rinsho Hoshasen** 1985 Jan;30(1):161-4 (Eng. Abstr.) **(Jpn)**

SECONDARY

Liposarcoma involving the scapula. Wilinsky J, et al. **J Comput Tomogr** 1984 Oct;8(4):341-3

Parasellar metastases: four autopsied cases. Bitoh S, et al. **Surg Neurol** 1985 Jan;23(1):41-8

[Lipomyxosarcoma of the pulmonary veins extending into the left atrium. Repetitive surgical treatment] Baubion N, et al. **Presse Med** 1985 Feb 9;14(5):267-9 (Eng. Abstr.) **(Fre)**

SURGERY

[Successful extirpation of a huge retroperitoneal sarcoma] Stoianov G, et al. **Khirurgiia (Sofiia)** 1984;37(4):320-1 **(Bul)**

[Late results of combined treatment of retroperitoneal myxoid liposarcoma] Strutyńska M, et al. **Wiad Lek** 1985 Apr 15;38(8):592-5 (Eng. Abstr.) **(Pol)**

[Reoperations in retroperitoneal tumors of non-organic origin] Dovgaliuk AZ, et al. **Vestn Khir** 1984 Nov; 133(11):48-52 (Eng. Abstr.) **(Rus)**

THERAPY

Preoperative embolization of a large liposarcoma. A case report. Brana A, et al. **Acta Orthop Belg** 1984 Sep-Oct; 50(5):705-11

ULTRASTRUCTURE

Ultrastructural distinctions between adult pleomorphic rhabdomyosarcomas, pleomorphic liposarcomas, and pleomorphic malignant fibrous histiocytomas. Weiss LM, et al. **Hum Pathol** 1984 Nov;15(11):1025-33

Primary myxoid liposarcoma of the larynx. Gaynor EB, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):476-80

VETERINARY

A case of liposarcoma in the liver of a dog. Sundararaj A, et al. **Indian J Cancer** 1984 May-Jun;21(2):85-7

Attempted transmission of a feline virus-associated liposarcoma to newborn kittens. Stephens LC, et al. **Vet Pathol** 1984 Nov;21(6):614-6

LIPOSOMES

Functional and orientational features of protein molecules in reconstituted lipid membranes. Etemadi AH. **Adv Lipid Res** 1985;21:281-428 (639 ref.)

Rotary dialysis: its application to the preparation of large liposomes and large proteoliposomes (protein-lipid vesicles) with high encapsulation efficiency and efficient reconstitution of membrane proteins. Gould-Fogerite S, et al. **Anal Biochem** 1985 Jul;148(1):15-25

Estimation of liposome integrity by 1H-NMR spectroscopy. Ivanov NN, et al. **Anal Biochem** 1985 Jun;147(2):280-4

Macromolecules as drugs and as carriers for biologically active materials. **Ann NY Acad Sci** 1985;446:1-458

Molecular recognition, catalysis, and transport in polymerized surfactant vesicles. Fendler JH. **Ann NY Acad Sci** 1985;446:308-18

Preparation and characterization of polymerized liposomes. O'Brien DF, et al. **Ann NY Acad Sci** 1985;446:282-95

pH sensitization of phospholipid vesicles via complexation with synthetic poly(carboxylic acid)s. Tirrell DA, et al. **Ann NY Acad Sci** 1985;446:237-48

Liposome-embedded iron-porphyrins as an artificial oxygen-carrier. Tsuchida E. **Ann NY Acad Sci** 1985; 446:429-42

Liposomes as vectors for calcium ionophores. Weissmann G. **Ann NY Acad Sci** 1985;446:385-9

Tetracycline diffusion through phospholipid bilayers and binding to phospholipids. Argast M, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):263-5

Enhanced liposome-mediated activity of piperacillin against staphylococci. Nacucchio MC, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):137-9

Comparison of water exposed area of cholera toxin when free in solution and bound to liposomes containing the ganglioside GM1. Tomasi M, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):835-40

Effect of calmodulin on the structural state of photoreceptor membranes and rhodopsin-containing phospholipid vesicles. Volotovski ID, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):517-21

Receptor-mediated uptake of asialoganglioside liposomes: sub-cellular distribution of the liposomal marker in isolated liver cell types. Dasgupta P, et al. **Biochem Int** 1985 Mar; 10(3):327-36

Lectin-specific targeting of beta-glucocerebrosidase to different liver cells via glycosylated liposomes. Das PK, et al. **Biochem Med** 1985 Feb;33(1):124-31

Tricyclic antidepressant drug effects on liposomal membranes. Audus KL, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):705-8

Effect of surface curvature on the interaction of single lamellar phospholipid vesicles with aromatic and nonaromatic heptaene antibiotics (vacidin A and amphotericin B). Bolard J, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3675-80

Effect of uncharged anesthetics on ion binding to liposome surfaces. Schlieper P. **Biochem Pharmacol** 1985 Mar 1; 34(5):708-10
Interaction of calcium and neomycin with anionic phospholipid-lecithin liposomes. A differential scanning calorimetry study. Wang BM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3787-91
Effects of lipid environment on the light-induced conformational changes of rhodopsin. 1. Absence of metarhodopsin II production in dimyristoylphosphatidylcholine recombinant membranes. Baldwin PA, et al. **Biochemistry** 1985 May 21; 24(11):2624-32
Effects of lipid environment on the light-induced conformational changes of rhodopsin. 2. Roles of lipid chain length, unsaturation, and phase state. Baldwin PA, et al **Biochemistry** 1985 May 21;24(11):2633-9
Temperature dependence of divalent cation induced fusion of phosphatidylserine liposomes: evaluation of the kinetic rate constants. Bentz J, et al. **Biochemistry** 1985 Feb 12; 24(4):1064-72
Structural basis of anthracycline selectivity for unilamellar phosphatidylcholine vesicles: an equilibrium binding study. Burke TG, et al. **Biochemistry** 1985 Mar 26;24(7):1768-76
Kinetics of the interaction of hemin liposomes with heme binding proteins. Cannon JB, et al. **Biochemistry** 1984 Jul 31;23(16):3715-21
Hairpin configuration of H-2Kk in liposomes formed by detergent dialysis. Cardoza JD, et al. **Biochemistry** 1984 Sep 11;23(19):4401-9
Effect of bovine basic protein charge microheterogeneity on protein-induced aggregation of unilamellar vesicles containing a mixture of acidic and neutral phospholipids. Cheifetz S, et al. **Biochemistry** 1985 Apr 9;24(8):1909-14
Rates of hydration of fatty acids bound to unilamellar vesicles of phosphatidylcholine or to albumin. Daniels C, et al. **Biochemistry** 1985 Jun 18;24(13):3286-92
Ninth component of complement: self-aggregation and interaction with lipids. Dankert JR, et al. **Biochemistry** 1985 May 21;24(11):2754-62
2H NMR evidence for antibiotic-induced cholesterol immobilization in biological model membranes. Dufourc EJ, et al. **Biochemistry** 1985 May 7;24(10):2420-4
Proton-induced fusion of oleic acid-phosphatidylethanolamine liposomes. Düzgüneş N, et al. **Biochemistry** 1985 Jun 18;24(13):3091-8
H+- and Ca2+-induced fusion and destabilization of liposomes. Ellens H, et al. **Biochemistry** 1985 Jun 18; 24(13):3099-106
Lipid transfer between phosphatidylcholine vesicles and human erythrocytes: exponential decrease in rate with increasing acyl chain length. Ferrell JE Jr, et al. **Biochemistry** 1985 Jun 4;24(12):2857-64
Spontaneous formation of stable unilamellar vesicles. Gabriel NE, et al. **Biochemistry** 1984 Aug 28;23(18):4011-5
Transmembrane movement of phosphatidylglycerol and diacylglycerol sulfhydryl analogues. Ganong BR, et al. **Biochemistry** 1984 Oct 9;23(21):4977-83
Lipid phase separations induced by the association of cholera toxin to phospholipid membranes containing ganglioside GM1. Goins B, et al. **Biochemistry** 1985 Mar 26; 24(7):1791-7
Novel multilayered lipid vesicles: comparison of physical characteristics of multilamellar liposomes and stable plurilamellar vesicles Gruner SM, et al. **Biochemistry** 1985 Jun 4;24(12):2833-42
Effect of lipid composition upon fusion of liposomes with Sendai virus membranes. Haywood AM, et al. **Biochemistry** 1984 Aug 28;23(18):4161-6
Anthracenyl crown ethers and cryptands as fluorescent probes for solid-phase transitions of phosphatidylcholines: syntheses and phospholipid membrane studies. Herrmann U, et al. **Biochemistry** 1984 Aug 28;23(18):4059-67
Agglutination and fusion of globoside GL-4 containing phospholipid vesicles mediated by lectins and calcium ions. Hoekstra D, et al. **Biochemistry** 1985 Jan 29;24(3):565-72
Decreased lipid order induced by microsomal cytochrome P-450 and NADPH-cytochrome P-450 reductase in model membranes: fluorescence and electron spin resonance studies. Kunz BC, et al. **Biochemistry** 1985 Jun 4; 24(12):2889-95
Effects of replacement of the hydroxyl group of cholesterol and tocopherol on the thermotropic behavior of phospholipid membranes. Lai MZ, et al. **Biochemistry** 1985 Mar 26;24(7):1646-53
Acid- and calcium-induced structural changes in phosphatidylethanolamine membranes stabilized by cholesteryl hemisuccinate. Lai MZ, et al. **Biochemistry** 1985 Mar 26;24(7):1654-61
Thermotropic phase behavior of model membranes composed of phosphatidylcholines containing iso-branched fatty acids. 1. Differential scanning calorimetric studies. Lewis RN, et al. **Biochemistry** 1985 May 7;24(10):2431-9
Kinetics of phosphatidylcholine and lysophosphatidylcholine exchange between unilamellar vesicles. McLean LR, et al. **Biochemistry** 1984 Sep 25;23(20):4624-30
Thermotropic phase behavior of model membranes composed of phosphatidylcholines containing iso-branched fatty acids. 2. Infrared and 31P NMR spectroscopic studies. Mantsch HH, et al. **Biochemistry** 1985 May 7;24(10):2440-6
Fusion of phospholipid vesicles induced by muscle glyceraldehyde-3-phosphate dehydrogenase in the absence of calcium. Morero RD, et al. **Biochemistry** 1985 Apr 9; 24(8):1904-9
Effect of membrane potential and pH gradient on electron transfer in cytochrome oxidase. Moroney PM, et al. **Biochemistry** 1984 Oct 9;23(21):4991-7
Rotational diffusion and self-association of band 3 in reconstituted lipid vesicles. Mühlebach T, et al. **Biochemistry** 1985 Feb 12;24(4):975-83
Effects of anesthetic and nonanesthetic steroids on dipalmitoylphosphatidylcholine liposomes: a calorimetric and Raman spectroscopic investigation. O'Leary TJ, et al. **Biochemistry** 1984 Sep 25;23(20):4636-41
Phase behavior of large unilamellar vesicles composed of synthetic phospholipids. Parente RA, et al. **Biochemistry** 1984 May 22;23(11):2353-62
Kinetics of pH-dependent fusion between influenza virus and liposomes. Stegmann T, et al. **Biochemistry** 1985 Jun 18; 24(13):3107-13
Role of peptide structure in lipid-peptide interactions: high-sensitivity differential scanning calorimetry and electron spin resonance studies of the structural properties of dimyristoylphosphatidylcholine membranes interacting with pentagastrin-related pentapeptides. Surewicz WK, et al. **Biochemistry** 1985 Jun 18;24(13):3135-44
Encapsulation of hemoglobin in phospholipid liposomes: characterization and stability. Szebeni J, et al. **Biochemistry** 1985 Jun 4;24(12):2827-32
Phospholipids chiral at phosphorus. Properties of small unilamellar vesicles of chiral thiophosphatidylcholine. Tsai TC, et al. **Biochemistry** 1984 Nov 6;23(23):5564-70
Kinetics of the subtransition of asymmetrically substituted phosphatidylcholines. Tümmler B, et al. **Biochemistry** 1984 Aug 28;23(18):4068-74
Location and mobility of ubiquinones of different chain lengths in artificial membrane vesicles. Ulrich EL, et al. **Biochemistry** 1985 May 7;24(10):2501-8
pH-dependent fusion of liposomes using titratable polycations. Uster PS, et al. **Biochemistry** 1985 Jan 1; 24(1):1-8
Influence of phospholipid peroxidation on the phase behavior of phosphatidylcholine and phosphatidylethanolamine in aqueous dispersions. van Duijn G, et al. **Biochemistry** 1984 Oct 9;23(21):4969-77
Determination of the sidedness of carbocyanine dye labeling of membranes. Wolf DE. **Biochemistry** 1985 Jan 29; 24(3):582-6
Intracellular fate of liposome-encapsulated DNA in mouse liver. Analysis using electron microscope autoradiography and subcellular fractionation. Cudd A, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):477-91
Antioxidant and co-antioxidant activity of vitamin C. The effect of vitamin C, either alone or in the presence of vitamin E or a water-soluble vitamin E analogue, upon the peroxidation of aqueous multilamellar phospholipid liposomes. Doba T, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):298-303
A sensitive method to introduce membrane-bound proteins into recipient cells based on affinity enrichment of lipid vesicles to the recipient cell prior to fusion. Eriksson H, et al. **Biochim Biophys Acta** 1985 May 28;815(3):417-25
Lipoprotein lipase- and phospholipase A2-catalyzed hydrolysis of phospholipid vesicles with an encapsulated fluorescent dye. Effects of apolipoproteins. Fugman DA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):191-5
Influence of the protein conformation on the interaction between alpha-lactalbumin and dimyristoylphosphatidylcholine vesicles. Hanssens I, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):154-64
Synthesis and characterization of methotrexate-dimyristoylphosphatidylethanolamine derivatives and the glycerophosphorylethanolamine analogs. Hashimoto K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):163-8
Liposomes of dipalmitoylphosphatidylcholine associate with natural surfactant. Ikegami M, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):352-9
Liposome uptake by cultured macrophages mediated by modified low-density lipoproteins. Ivanov VO, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):76-84
A Langmuir film balance study of the interactions of ionic and polar solutes with glycolipid monolayers. Johnston DS, et al. **Biochim Biophys Acta** 1985 May 28;815(3):325-33
Preparation of multilamellar vesicles of defined size-distribution by solvent-spherule evaporation. Kim S, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):793-801
Acylglucosylceramide causes flattening and stacking of liposomes. An analogy for assembly of the epidermal permeability barrier. Landmann L, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):412-8
Protection of large unilamellar vesicles by trehalose during dehydration: retention of vesicle contents. Madden TD, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):67-74
Preparation of reconstituted cytochrome oxidase vesicles with defined trans-membrane protein orientations employing a cytochrome c affinity column. Madden TD, et al. **Biochim Biophys Acta** 1985 Jul 17;808(2):219-24
Solute distributions and trapping efficiencies observed in freeze-thawed multilamellar vesicles. Mayer LD, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):193-6
Importance of Fe2+-ADP and the relative unimportance of OH in the mechanism of mitomycin C-induced lipid peroxidation. Nakano H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):285-93
Bile salt damage of egg phosphatidylcholine liposomes. O'Connor CJ, et al. **Biochim Biophys Acta** 1985 Jul 11; 817(1):95-102
Electric birefringence as a means of studying the effect of anaesthetics on liposomes. Ruderman G, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):60-4
Formation of alpha-tocopherol radical and recycling of alpha-tocopherol by ascorbate during peroxidation of phosphatidylcholine liposomes. An electron paramagnetic resonance study. Scarpa M, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):215-9
Permeability increase in black lipid membrane induced by compound 48/80. Shibata H, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):127-30
General and local anaesthetics perturb the fusion of phospholipid vesicles. Simmonds AC, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):331-7
Atypical Langmuir adsorption of inhalation anesthetics on phospholipid monolayer at various compressional states: difference between alkane-type and ether-type anesthetics. Suezaki Y, et al. **Biochim Biophys Acta** 1985 Jul 11; 817(1):139-46
Molecular origin of biphasic response of main phase-transition temperature of phospholipid membranes to long-chain alcohols. Suezaki Y, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):31-7
The use of monoclonal anti-Thy1 IgG1 for the targeting of liposomes to AKR-A cells in vitro and in vivo. Wolff B, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):259-73
Sodium-induced aggregation of phosphatidic acid and mixed phospholipid vesicles. Yoshimura T, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):167-73
Incorporation of chemically modified (hydrophobized) ferritin in liposomal membranes: electron microscopic studies. Ladhoff AM, et al. **Biomed Biochim Acta** 1984; 43(7):963-9
Effect of the gel-liquid crystalline phase transition on the reduction of cytochrome P-450 reconstituted into dimyristoyl-phosphatidylcholine liposomes. Smettan G, et al. **Biomed Biochim Acta** 1984;43(10):1073-82
Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. Experimental verification on unilamellar vesicles and lipid/alpha-lactalbumin complexes. Ameloot M, et al. **Biophys J** 1984 Oct;46(4):525-39
Mass-action formulations of monovalent and divalent cation adsorption by phospholipid membranes. Cohen JA, et al. **Biophys J** 1984 Oct;46(4):487-90
Direct determination of the calcium profile structure for dipalmitoyllecithin multilayers using neutron diffraction. Herbette L, et al. **Biophys J** 1984 Dec;46(6):677-85
Novel fluorescence method to visualize antibody-dependent hydrogen peroxide-associated 'killing' of liposomes by phagocytes. Petty HR, et al. **Biophys J** 1985 Jun; 47(6):837-40
Dynamic morphology of calcium-induced interactions between phosphatidylserine vesicles. Rand RP, et al. **Biophys J** 1985 Apr;47(4):483-9
Order in supported phospholipid monolayers detected by the dichroism of fluorescence excited with polarized evanescent illumination. Thompson NL, et al. **Biophys J** 1984 Dec;46(6):739-47
An experimental comparison between the continuum and single jump descriptions of nonactin-mediated potassium transport through black lipid membranes. van Dijk C, et al. **Biophys J** 1985 Jul;48(1):125-36
Aggregation and fusion of lipid vesicles induced by diphtheria toxin at low pH: possible involvement of the P site and the NAD+ binding site. Cabiaux V, et al. **Biosci Rep** 1985 Mar;5(3):243-50
Comparison of liposome entrapment parameters by optical and atomic absorption spectrophotometry. Yoss NL, et al. **Biosci Rep** 1985 Jan;5(1):1-5
Calcium phosphate formation in aqueous suspensions of multilamellar liposomes. Eanes ED, et al. **Calcif Tissue Int** 1984 Jul;36(4):421-30
Association of the nucleocapsid protein N of vesicular stomatitis virus with phospholipid vesicles containing the matrix protein M. Capone J, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1174-80
Effects of bovine serum albumin on the interaction of concanavalin A and succinyl-concanavalin A with phospholipid bilayers. Chicken CA, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):64-70
Theoretical studies of phospholipid bilayers and monolayers. Perturbing probes, monolayer phase transitions, and computer simulations of lipid-protein bilayers. Pink DA. **Can J Biochem Cell Biol** 1984 Aug;62(8):760-77 (75 ref.)
Pharmacological, toxicological, and therapeutic evaluation in mice of doxorubicin entrapped in cardiolipin liposomes. Rahman A, et al. **Cancer Res** 1985 Feb;45(2):796-803
DNAase I encapsulated in liposomes can induce neoplastic transformation of Syrian hamster embryo cells in culture. Zajac-Kaye M, et al. **Cell** 1984 Dec;39(3 Pt 2):427-37
Effect of internalization of insulin-encapsulated and empty liposomes on hormone binding and its imprinting in Tetrahymena pyriformis. Nozawa Y, et al. **Cell Mol Biol** 1985;31(1):7-11
Interaction of sea cucumber saponins with multilamellar liposomes. Yu BS, et al. **Chem Biol Interact** 1984 Dec; 52(2):185-202

A novel method for preparing liposome with a high capacity to encapsulate proteinous drugs: freeze-drying method. Ohsawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2442-5

Liposomal membranes. XIX. Interaction between spermicidal agents and liposomes reconstituted with boar spermatozoal lipids. Sunamoto J, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):2891-7

Phosphatidylcholine and cholesterol interactions in model membranes. Guyer W, et al. **Chem Phys Lipids** 1983 Nov;33(4):313-22

Liposomes from polymerizable phospholipids. Hupfer B, et al. **Chem Phys Lipids** 1983 Nov;33(4):355-74

Ultrasonic absorption and permeability for liposomes near phase transition. Maynard VM, et al. **Chem Phys Lipids** 1985 Apr;37(1):1-12

Effect of sterol incorporation on head group separation in liposomes. Plank L, et al. **Chem Phys Lipids** 1985 Mar;36(4):319-28

A highly sensitive immunoassay system involving antibody-coated tubes and liposome-entrapped dye. O'Connell JP, et al. **Clin Chem** 1985 Sep;31(9):1424-6

Thermodynamic modeling and cryomicroscopy of cell-size, unilamellar, and paucilamellar liposomes. Callow RA, et al. **Cryobiology** 1985 Jun;22(3):251-67

Elimination or rescue of cells in culture by specifically targeted liposomes containing methotrexate or formyl-tetrahydrofolate. Machy P, et al. **EMBO J** 1984 Sep;3(9):1971-7

Fluorescence decay of pyrene in small and large unilamellar L, alpha-dipalmitoylphosphatidylcholine vesicles above and below the phase transition temperature. Daems D, et al. **Eur Biophys J** 1985;12(2):97-105

Filipin as a cholesterol probe. I. Morphology of filipin-cholesterol interaction in lipid model systems. Behnke O, et al. **Eur J Cell Biol** 1984 Nov;35(2):189-99

Effects of liposome treatment and cytoskeleton-inhibiting drugs on the capping kinetics of rabbit T lymphocytes at various stages of differentiation. Roozemond RC, et al. **Eur J Cell Biol** 1984 Nov;35(2):322-6

Efficient introduction of contents of liposomes into cells using HVJ (Sendai virus). Nakanishi M, et al. **Exp Cell Res** 1985 Aug;159(2):399-409

Immobilization of alpha-chymotrypsin on sucrose stearate--palmitate containing liposomes. Bogdanov AA, et al. **FEBS Lett** 1984 Sep 17;175(1):178-82

Polymerized liposomes as stable oxygen-carriers. Hayward JA, et al. **FEBS Lett** 1985 Aug 5;187(2):261-6

5-Fluoroorotate: a new liposome-dependent cytotoxic agent. Heath TD, et al. **FEBS Lett** 1985 Jul 22;187(1):73-5

Ganglioside headgroups decrease lipid order in reconstituted phosphatidylcholine liposomes. Ollmann M, et al. **FEBS Lett** 1985 Jan 1;179(1):173-6

Incorporation of chromaffin granule membranes into large-size vesicles suitable for patch-clamp recording. Picaud S, et al. **FEBS Lett** 1984 Dec 3;178(1):20-4

The effect of bilayer order and fluidity on detergent-induced liposome fusion. Saez R, et al. **FEBS Lett** 1985 Jan 7;179(2):311-5

pH-sensitive liposomes mediate cytoplasmic delivery of encapsulated macromolecules. Straubinger RM, et al. **FEBS Lett** 1985 Jan 1;179(1):148-54

Transfer of liposome-encapsulated plasmid DNA to Bacillus subtilis protoplasts and calcium-treated Escherichia coli cells. Holubová I, et al. **Folia Microbiol (Praha)** 1985;30(2):97-100

Structural changes of liposome phospholipid packing induced by cytotoxin of the Central Asia cobra venom. Aripov TF, et al. **Gen Physiol Biophys** 1984 Dec;3(6):489-96

Phase transitions in spherical bilayer membranes prepared of bulk erythrocyte membrane lipids. Langner M, et al. **Gen Physiol Biophys** 1984 Dec;3(6):521-6

Antigen presentation by liposomes. Walden P, et al. **Hamatol Bluttransfus** 1985;29:481-5

Fusion of liposomes and chromatophores of Rhodopseudomonas capsulata: effect on photosynthetic energy transfer between B875 and reaction center complexes. Takemoto JY, et al. **J Bacteriol** 1985 Jun;162(3):1126-34

Cyanine and safranine dyes as membrane potential probes in cytochrome c oxidase reconstituted proteoliposomes. Singh AP, et al. **J Biochem Biophys Methods** 1985 Aug;11(2-3):95-108

Interaction of secretory protein precursors with phospholipids in liposomes. Nanba S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1133-42

Interaction of digitonin and its analogs with membrane cholesterol. Nishikawa M, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1231-9

Apolar interaction of alpha-chymotrypsin with dimyristoyl phosphatidylcholine vesicles. Oshima G. **J Biochem (Tokyo)** 1984 Sep;96(3):713-9

Association of apolipoprotein A-II with egg phosphatidylcholine unilamellar vesicles. Yokoyama S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):871-80

Evidence for a folded conformation of methionine- and leucine-enkephalin in a membrane environment. Behnam BA, et al. **J Biol Chem** 1984 Dec 10;259(23):14935-40

Fatty acid transfer between multilamellar liposomes and fatty acid-binding proteins. Brecher P, et al. **J Biol Chem** 1984 Nov 10;259(21):13395-401

Morphology of proteoliposomes reconstituted with purified lac carrier protein from Escherichia coli. Costello MJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15579-86

Low pH-induced fusion of liposomes with membrane vesicles derived from Bacillus subtilis. Driessen AJ, et al. **J Biol Chem** 1985 Sep 5;260(19):10880-7

Asymmetric reconstitution of homogeneous Escherichia coli sn-glycerol-3-phosphate acyltransferase into phospholipid vesicles. Green PR, et al. **J Biol Chem** 1984 Dec 10;259(23):14688-94

Distribution of cytochrome b5 between sonicated phospholipid vesicles of different size. Greenhut SF, et al. **J Biol Chem** 1985 May 25;260(10):5883-6

Adenine nucleotide translocase activity and sensitivity to inhibitors in hepatomas. Comparison of the ADP/ATP carrier in mitochondria and in a purified reconstituted liposome system. Woldegiorgis G, et al. **J Biol Chem** 1985 Jun 25;260(12):7585-90

Binding of antibodies in liposomes to extracellular matrix antigens. Torchilin VP, et al. **J Cell Biochem** 1985;28(1):23-9

Efficient cytoplasmic delivery of a fluorescent dye by pH-sensitive immunoliposomes. Connor J, et al. **J Cell Biol** 1985 Aug;101(2):582-9

Interaction of the sperm adhesive protein, bindin, with phospholipid vesicles. II. Bindin induces the fusion of mixed-phase vesicles that contain phosphatidylcholine and phosphatidylserine in vitro. Glabe CG. **J Cell Biol** 1985 Mar;100(3):800-6

Interaction of the sperm adhesive protein, bindin, with phospholipid vesicles. I. Specific association of bindin with gel-phase phospholipid vesicles. Glabe CG. **J Cell Biol** 1985 Mar;100(3):794-9

Liposome immune lysis assay (LILA): a simple method to measure anti-protein antibody using protein antigen-bearing liposomes. Ishimori Y, et al. **J Immunol Methods** 1984 Dec 31;75(2):351-60

Prothrombin fragment 1-membrane interactions: a calcium-43 NMR study. Bouhoutsos-Brown E, et al. **J Inorg Biochem** 1984 Aug;21(4):337-43

A water-soluble cholesteryl-containing trisgalactoside: synthesis, properties, and use in directing lipid-containing particles to the liver. Kempen HJ, et al. **J Med Chem** 1984 Oct;27(10):1306-12

Liposomal encapsulation augments delayed hypersensitivity reactions to tuberculin proteins. Pimm MV, et al. **J Med Microbiol** 1984 Dec;18(3):429-32

Alterations in phospholipid polymorphism by polyethylene glycol. Boni LT, et al. **J Membr Biol** 1984;80(1):91-104

Lens cell-to-cell channel protein: I. Self-assembly into liposomes and permeability regulation by calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):217-25

Functional reconstitution of lens gap junction proteins into proteoliposomes. Nikaido H, et al. **J Membr Biol** 1985;85(1):87-92

Interactions involving the cyanine dye, diS-C3-(5), cytochrome c and liposomes and their implications for estimations of delta psi in cytochrome c oxidase-reconstituted proteoliposomes. Singh AP, et al. **J Membr Biol** 1985;84(2):183-90

Temperature dependence of single channel currents and the peptide libration mechanism for ion transport through the gramicidin A transmembrane channel. Urry DW, et al. **J Membr Biol** 1984;81(3):205-17

Reconstitution of carrier-mediated choline transport in proteoliposomes prepared from presynaptic membranes of Torpedo electric organ, and its internal and external ionic requirements. Vyas S, et al. **J Membr Biol** 1985;85(2):111-9

Transformation pathways of liposomes. Hotani H. **J Mol Biol** 1984 Sep 5;178(1):113-20

'Homing' of Lucifer Yellow liposomes into hypothalamic neurons: a combined neuroanatomical Golgi and tracing technique. Thunnissen IE, et al. **J Neurosci Methods** 1984 Dec;12(2):113-23

Plasma-induced instability of reverse-phase evaporation vesicles. Yoshioka S, et al. **J Parenter Sci Technol** 1984 Nov-Dec;38(6):222-7

The effect of non-ionic surfactant vesicle (niosome) entrapment on the absorption and distribution of methotrexate in mice. Azmin MN, et al. **J Pharm Pharmacol** 1985 Apr;37(4):237-42

Tocopherol-phospholipid liposomes: maximum content and stability to serum proteins. Halks-Miller M, et al. **Lipids** 1985 Mar;20(3):195-200

Action of cobra venom phospholipase A2 on large unilamellar vesicles: comparison with small unilamellar vesicles and multibilayers. Kensil CR, et al. **Lipids** 1985 Feb;20(2):80-3

Amino conjugates of a phosphatidylglycerol oxidation product: novel adjuncts for liposome preparation. Campbell PI. **Med Hypotheses** 1984 Oct;15(2):149-53

Use of the HLA-DR antigens incorporated into liposomes to generate HLA-DR specific cytotoxic T lymphocytes. Gorga JC, et al. **Methods Enzymol** 1984;108:607-13

Geometric requirements for membrane perturbation and anesthetic activity. Conformational analysis of alphaxalone and delta 16-alphaxalone and 2H NMR studies on their interactions with model membranes. Fesik SW, et al. **Mol Pharmacol** 1985 Jun;27(6):624-9

Binding of imipramine and cocaine to a model lipid membrane: comparison with binding to brain membranes. Reith ME, et al. **Neurochem Res** 1984 Jul;9(7):965-77

Substance P: binding to unilamellar and multilamellar liposomes made from mixtures of phosphatidylcholine and phosphatidic acid. Schäfer H, et al. **Pharmazie** 1984 Nov;39(11):765-9

Fluorescence spectral changes of hematoporphyrin derivative upon binding to lipid vesicles, Staphylococcus aureus and Escherichia coli cells. Ehrenberg B, et al. **Photochem Photobiol** 1985 Apr;41(4):429-35

Lysis of egg phosphatidylcholine liposomes by singlet oxygen generated in the gas phase. Eisenberg WC, et al. **Photochem Photobiol** 1984 Jul;40(1):55-8

Utilization of heavy-atom effect quenching of pyrene fluorescence to determine the intramembrane distribution of halothane. Washington K, et al. **Photochem Photobiol** 1984 Dec;40(6):693-701

Effect of additives on liposomes: an electric birefringence study. Ruderman G, et al. **Phys Med Biol** 1985 Jan;30(1):31-9

Allogeneic stimulation of cytotoxic T cells by supported planar membranes. Brian AA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6159-63

Biological activity of liposome-encapsulated murine interferon gamma is mediated by a cell membrane receptor. Eppstein DA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3688-92

Fusion of influenza virus membranes with liposomes at pH 7.5. Haywood AM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4611-5

Encapsulation of hemoglobin in phospholipid vesicles: preparation and properties of a red cell surrogate. Gaber BP, et al. **Prog Clin Biol Res** 1984;165:179-90

Surface pressure hysteresis of mixed lipid/protein monolayers: applications to the alveolar dynamics. Mutafchieva R, et al. **Z Naturforsch [C]** 1984 Sep-Oct;39(9-10):965-72

Kinetics of calcium-induced fusion of cell-size liposomes with monolayers in solutions of different osmolarity. Stoicheva N, et al. **Z Naturforsch [C]** 1985 Jan-Feb;40(1-2):92-6

[Physical stability of intravenous injection of polyphase liposome (139) in the form of suspension] Deng YJ, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):282-7 (Eng. Abstr.) **(Chi)**

[Studies on 1H-NMR change at different temperatures and 13C-NMR T1 of polyphase liposome (139)] Zheng JM, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):67-70 (Eng. Abstr.) **(Chi)**

[Liposomes as drug vehicles in percutaneous therapy] Krówczyński L, et al. **Pharmazie** 1984 Sep;39(9):627-9 (Eng. Abstr.) **(Ger)**

[Formation of the complex of the triterpene glycoside holothurin A with cholesterol in liposomal membranes] Likhatskaia GN, et al. **Biofizika** 1985 Mar-Apr;30(2):358-9 (Eng. Abstr.) **(Rus)**

[Preparation of liposomes using the phase reversal method without sonication] Dvorkin VM. **Biokhimiia** 1985 May;50(5):866-9 (Eng. Abstr.) **(Rus)**

[Synthesis and use of thiophosphatidylcholine in 31P-NMR study of membranes] Chupin VV, et al. **Bioorg Khim** 1984 Jul;10(7):970-4 (Eng. Abstr.) **(Rus)**

[Integration of soluble tetrodotoxin-sensitive brain proteins into membrane liposomes] Malysheva MK, et al. **Neirofiziologiia** 1984;16(5):716-25 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Ocular toxicity of intravitreally injected liposomal amphotericin B in rhesus monkeys. Barza M, et al. **Am J Ophthalmol** 1985 Aug 15;100(2):259-63

Effect of superoxide dismutase encapsulated in liposomes or conjugated with polyethylene glycol on neutrophil bactericidal activity in vitro and bacterial clearance in vivo. McDonald RJ, et al. **Am Rev Respir Dis** 1985 Apr;131(4):633-7

Protection against pulmonary oxygen toxicity in rats by the intratracheal administration of liposome-encapsulated superoxide dismutase or catalase. Padmanabhan RV, et al. **Am Rev Respir Dis** 1985 Jul;132(1):164-7

Phospholipid vesicle targeting using synthetic glycolipid and other determinants. Baldeschwieler JD. **Ann NY Acad Sci** 1985;446:349-67

Targeting of liposomes to accessible cells in vivo. Gregoriadis G, et al. **Ann NY Acad Sci** 1985;446:319-40

Selective toxicity and enhanced therapeutic index of liposomal polyene antibiotics in systemic fungal infections. Juliano RL, et al. **Ann NY Acad Sci** 1985;446:390-402

Liposomes as carriers of antiarthritic agents. Knight CG, et al. **Ann NY Acad Sci** 1985;446:415-28

New methodology for liposome targeting to specific cells. Papahadjopoulos D, et al. **Ann NY Acad Sci** 1985;446:341-8

Polymerized phosphatidylcholine vesicles as drug carriers. Regen SL. **Ann NY Acad Sci** 1985;446:296-307

The delivery of phototoxic drugs to selected cells. Yemul S, et al. **Ann NY Acad Sci** 1985;446:403-14

Liposomes in leishmaniasis: effects of parasite virulence on treatment of experimental leishmaniasis in hamsters. Alving CR, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):279-86

Enhanced efficacy of liposome-encapsulated ribavirin against Rift Valley fever virus infection in mice. Kende M, et al. **Antimicrob Agents Chemother** 1985 Jun;27(6):903-7

Efficacy of liposome-intercalated amphotericin B in the treatment of systemic candidiasis in mice. Tremblay C, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):170-3

The potential use of liposome-mediated antiviral therapy.

Koff WC, et al. **Antiviral Res** 1985 Jun;5(3):179-90 (81 ref.)

5'-O-Palmitoyl- and 3',5'-O-dipalmitoyl-5-fluoro-2'-deoxyuridine--novel lipophilic analogues of 5'-fluoro-2'-deoxyuridine: synthesis, incorporation into liposomes and preliminary biological results. Schwendener RA, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):660-6

Targeting of asialofetuin sugar chain-bearing liposomes to liver lysosomes. Banno Y, et al. **Biochem Int** 1983 Oct; 7(4):455-61

Liposomes as a controlled-release system. Patel HM. **Biochem Soc Trans** 1985 Apr;13(2):513-6

Inhibition of cell proliferation and dihydrofolate reductase by liposomes containing methotrexate-dimyristoylphosphatidylethanolamine derivatives and by the glycerophosphorylethanolamine analogs. Hashimoto K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):169-78

Studies on human fibronectin and liposomal encapsulated forms in rats and rabbits. Michelson AM, et al. **Biochimie** 1984 Jun;66(6):437-44

Activation by a new synthetic acyltripeptide and its analogs entrapped in liposomes of rat alveolar macrophages to the tumor cytotoxic state. Sone S, et al. **Cancer Immunol Immunother** 1984;18(3):169-73

Activation of alveolar macrophage tumoricidal activity and eradication of experimental metastases by freeze-dried liposomes containing a new lipophilic muramyl dipeptide derivative. Phillips NC, et al. **Cancer Res** 1985 Jan; 45(1):128-34

The entrapment of biological active substances into liposomes. II. Effects of oral administration of liposomally entrapped insulin in normal and alloxanized rats. Dobre V, et al. **Endocrinologie** 1984 Oct-Dec;22(4):253-60

Modulation of oxidant lung injury by using liposome-entrapped superoxide dismutase and catalase. Freeman BA, et al. **Fed Proc** 1985 Jul;44(10):2591-5

Local and systemic immune response to orally administered liposome-associated soluble S. mutans cell wall antigens. Wachsmann D, et al. **Immunology** 1985 Jan;54(1):189-93

Enhancement of the activity of bleomycin on Ehrlich ascites carcinoma cells by liposomal encapsulation. Sur P, et al. **Indian J Exp Biol** 1984 Mar;22(3):115-9

Immunization against experimental murine salmonellosis with liposome-associated O-antigen. Desiderio JV, et al. **Infect Immun** 1985 Jun;48(3):658-63

Effect of liposomal amphotericin B on murine macrophages and lymphocytes. Mehta RT, et al. **Infect Immun** 1985 Feb; 47(2):429-33

Treatment of intravenously implanted Lewis lung carcinoma with liposome-encapsulated cytosine arabinoside and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Sep 15;34(3):415-20

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717-23

Liposomes carrying diatrizoate. Characterization of biophysical properties and imaging applications. Seltzer SE, et al. **Invest Radiol** 1984 Mar-Apr;19(2):142-51

Liposome-mediated augmentation of brain SOD and catalase inhibits CNS O2 toxicity. Yusa T, et al. **J Appl Physiol** 1984 Dec;57(6):1674-81

Distribution and fate of free and liposome-encapsulated [3H]nor-muramyl dipeptide and [3H]muramyl tripeptide phosphatidylethanolamine in mice. Fogler WE, et al. **J Immunol** 1985 Aug;135(2):1372-7

Free versus liposome-entrapped ampicillin in treatment of infection due to Listeria monocytogenes in normal and athymic (nude) mice. Bakker-Woudenberg IA, et al. **J Infect Dis** 1985 May;151(5):917-24

Treatment of Brucella canis and Brucella abortus in vitro and in vivo by stable plurilamellar vesicle-encapsulated aminoglycosides. Fountain MW, et al. **J Infect Dis** 1985 Sep;152(3):529-35

Liposomal amphotericin B for the treatment of systemic fungal infections in patients with cancer: a preliminary study. Lopez-Berestein G, et al. **J Infect Dis** 1985 Apr; 151(4):704-10

Suppression of chronic-relapsing experimental allergic encephalomyelitis in strain-13 guinea pigs by administration of liposome-associated myelin basic protein. Strejan GH, et al. **J Neuroimmunol** 1984 Nov;7(1):27-41

Studies on the intracerebral injection of vincristine free and entrapped within liposomes in the rat. Oliver AS, et al. **J Neurol Sci** 1985 Apr;68(1):25-30

Absorption characteristics of the lipophilic prodrug of mitomycin C from injected liposomes or an emulsion. Sasaki H, et al. **J Pharm Pharmacol** 1985 Jul;37(7):461-5

Impact of liposomal drug carriers on drug pharmacokinetics. Hunt CA, et al. **J Pharm Sci** 1985 Aug;74(8):897-8

Relaxation enhancement using liposomes carrying paramagnetic species. Caride VJ, et al. **Magn Reson Imaging** 1984;2(2):107-12

Possibilities of liposomes as dynamic dosage form in dermatology. Westerhof W. **Med Hypotheses** 1985 Mar; 16(3):283-8

Distribution in man of 111In-labelled liposomes containing a water-insoluble antimitotic agent. Frühling J, et al. **Nucl Med Commun** 1984 Apr;5(4):205-8

Comparative studies between liposomes containing muramyl dipeptide and various immunomodulators on activation of mouse peritoneal macrophages and NK cells. Sakita M, et al. **Oncology** 1985;42(4):259-64

Antineoplastic activity of N-maleamide homocysteine thiolactone amide encapsulated within liposomes. McCully KS, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):57-61

The use of liposomes as carriers of therapeutic agents. Mayhew E, et al. **Prog Clin Biol Res** 1985;172B:301-10

Potential of liposomes to ameliorate anthracycline-induced cardiotoxicity. Rahman A, et al. **Semin Oncol** 1984 Dec; 11(4 Suppl 3):45-55

Liposomes as drug carriers in cancer therapy: hyperthermia and pH sensitivity as modalities for targeting. Yatvin MB, et al. **Strahlentherapie** 1984 Dec;160(12):732-40 (65 ref.)

Ocular drug bioavailability from topically applied liposomes. Lee VH, et al. **Surv Ophthalmol** 1985 Mar-Apr; 29(5):335-48

Oral administration of factor VIII concentrate preparation in von Willebrand's disease. Sakuragawa N, et al. **Thromb Res** 1985 Jun 15;38(6):681-5

Liposomal immunisation against snake venoms. New RR, et al. **Toxicon** 1985;23(2):215-9

Measurements of reticuloendothelial system phagocytic activity in the rat after treatment with silica, liposomes, and cyclosporine. Merion RM. **Transplantation** 1985 Jul; 40(1):86-90

Targeting of liposomes: monoclonal antibodies coupled to phospholipid vesicles provide selective transfer of trapped reagents into cultured cells. Guidoni L, et al. **Tumour Biol** 1984;5(1):61-73

[Liposome phospholipid substitution and lung function in surfactant deprived rats] Obladen M. **Klin Padiatr** 1985 Mar-Apr;197(2):152-4 (Eng. Abstr.) **(Ger)**

[Animal experiments on the radiopharmacokinetics of endolymphatically administered 125I-liposomes for the diagnosis of regional lymph node tumors. 2] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):615-22 (Eng. Abstr.) **(Ger)**

[Animal experiments on the radiopharmacokinetics of 125I-liposomes following direct intralymphatic administration. 1] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):607-13 (Eng. Abstr.) **(Ger)**

[Diagnostic possibilities of the contrast medium verografin in liposomes (animal experiments)] Rozenberg OA, et al. **Radiol Diagn (Berl)** 1985;26(2):285-92 (Eng. Abstr.) **(Ger)**

[Use of hypothalamic phospholipid liposomes in patients with irritable bowel syndrome] Aguglia E, et al. **Clin Ter** 1985 May 15;113(3):205-9 (Eng. Abstr.) **(Ita)**

[Hypothalamic phospholipid liposomes. A drug for the treatment of anxiety-depressive syndromes in internal medicine] Licata G. **Recenti Prog Med** 1984 Dec; 75(12):1076-80 (Eng. Abstr.) **(Ita)**

[Experimental on the application of liposome to tumor imaging agents] Ogihara I, et al. **Kaku Igaku** 1984 Jul; 21(7):871-4 (Eng. Abstr.) **(Jpn)**

[Enhancement of antitumor effects on urological cancer in vitro and in vivo by drugs entrapped in liposomes. II. Role of reticuloendothelial system] Hata M, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Apr;76(4):508-15 (Eng. Abstr.) **(Jpn)**

[Transport of enzymes to the brain by liposomes] Yagi K. **Nippon Rinsho** 1985 Feb;43(2):270-3 **(Jpn)**

[Use of liposomes as carriers in the transport of substances of biological value to cells] Zietkiewicz E, et al. **Postepy Biochem** 1984;30(1-2):149-72 (168 ref.) **(Pol)**

[Induction of chromosome aberrations by the T antigen of the SV40 virus introduced into the cells using liposomes] Drize OB, et al. **Biull Eksp Biol Med** 1985 May;99(5):600-2 (Eng. Abstr.) **(Rus)**

[Genetic transformation of mouse cells by interphase nuclei enclosed in a lipid membrane] Sukoian MA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1445-8 **(Rus)**

[Hypolipidemic action of liposome-incorporated beta-sitosterol on rats] Mironova VN, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):71-4 (Eng. Abstr.) **(Rus)**

[Liposomes--carriers of cytostatic preparations] Afonin NI, et al. **Gematol Transfuziol** 1984 Nov;29(11):43-6 (28 ref.) **(Rus)**

[Effect of interferon and its liposome-incorporated inducer on the recovery of natural killer activity after immobilization stress] Sukhikh GT, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):81-4 (Eng. Abstr.) **(Rus)**

ANALYSIS

Interaction of vinblastine sulfate with artificial phospholipid membranes. A study by differential scanning calorimetry and spin labeling. Berleur F, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3081-6

The binding of the radioprotective agent cysteamine with the phospholipidic membrane headgroup-interface region. Berleur F, et al. **Biochem Pharmacol** 1985 Sep 1; 34(17):3071-80

Chloride leakage measurement for the evaluation of the plasma-induced instability of liposomal membrane. Yoshioka S. **Chem Pharm Bull (Tokyo)** 1985 Jan; 33(1):308-12

Detection of liposomes in portal blood following oral administration. Das N, et al. **J Appl Biochem** 1984 Oct-Dec; 6(5-6):346-52

Radiopaque liposomes: effect of formulation conditions on encapsulation efficiency. Benita S, et al. **J Pharm Sci** 1984 Dec;73(12):1751-5

Influence of lipid composition and ionic strength on the physical stability of liposomes. Crommelin DJ. **J Pharm Sci** 1984 Nov;73(11):1559-63

Lymph node localization of non-specific antibody-coated liposomes. Mangat S, et al. **Life Sci** 1985 May 20; 36(20):1917-25

[The effect of blood serum on GnRH-loaded multilayer liposomes: proof of a correlation between their size and the inclusion stability of the peptide hormones] Schäfer H, et al. **Pharmazie** 1985 Feb;40(2):131-2 **(Ger)**

BLOOD

[Effect of blood components on the stability of liposomes] Los' GV, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):3-9 (Eng. Abstr.) **(Rus)**

[Resistance of liposomes with different physico-chemical characteristics to the effect of plasma] Los' GV, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):10-4 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

A novel method for encapsulation of macromolecules in liposomes. Shew RL, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):1-8

DIAGNOSTIC USE

Binding characteristics of antibody-bearing liposomes. Martin FJ, et al. **Ann NY Acad Sci** 1985;446:443-56

Antibody response of rabbits to nerve ending gangliosides. Analysis of antibody specificity by liposome lysis and lysis inhibition assays. Uemura K, et al. **J Neuroimmunol** 1985 Sep;9(5):269-80

Distribution of technetium-99m-labeled multilamellar liposomes in patients with Hodgkin's disease. Perez-Soler R, et al. **J Nucl Med** 1985 Jul;26(7):743-9

Possible applications of phospholipid vesicles (liposomes) in diagnostic radiology. Williams LE, et al. **J Nucl Med Allied Sci** 1984 Jan-Mar;28(1):35-45 (34 ref.)

IMMUNOLOGY

Lymphocyte transformation to membrane-conjugated, liposome-conjugated, or unconjugated pentadecylcatechol in the guinea pig. Gaspari AA, et al. **Arch Dermatol Res** 1985;277(3):209-13

Interaction of antibodies with liposomes bearing fluorescent haptens. Petrossian A, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):217-27

Location and dynamics of a membrane-bound fluorescent hapten. A spectroscopic study. Stanton SG, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):228-36

Preparation and characterization of heat-sensitive immunoliposomes. Sullivan SM, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):116-26

Preparation of anti-polysaccharide antiserum using liposomes as immunological adjuvant. Sarkar AK, et al. **Immunol Lett** 1984;8(4):197-200

Binding of anti-galactosyl antibodies to galactosylated liposomes. Sarkar DP, et al. **Immunol Lett** 1984;8(5):257-60

Induction of tolerance by haptenated liposomes carrying mouse erythrocyte membrane glycoprotein. Hitsumoto Y, et al. **Immunology** 1984 Dec;53(4):847-54

Effect of membrane composition on the immune reactivity of galactosylated liposomes. Sarkar DP, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):155-7

Properties of anti-galactosyl antibodies raised through liposomes. Sarkar DP, et al. **Indian J Exp Biol** 1984 Apr; 22(4):175-8

Haptenic activity of galactosyl ceramide and its topographical distribution on liposomal membranes. Effects of temperature and phospholipid composition. Utsumi H, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):97-105

Transfer of antigen-presenting capacity to Ia-negative cells upon fusion with Ia-bearing liposomes. Coeshott C, et al. **J Immunol** 1985 Mar;134(3):1343-8

Interactions of antigen-sensitized liposomes with immobilized antibody: a homogeneous solid-phase immunoliposome assay. Ho RJ, et al. **J Immunol** 1985 Jun;134(6):4035-40

Augmentation of NK cell activity in tissue specific sites by liposomes incorporating MTP-PE. Talmadge JE, et al. **J Immunol** 1985 Aug;135(2):1477-83

Induction and suppression of contact sensitivity by liposomes carrying molecules from haptenated epidermal cells. Yokozeki H, et al. **J Invest Dermatol** 1985 Jan;84(1):33-6

METABOLISM

Ligand self-association at the surface of liposomes: a complication during equilibrium-binding studies. Burke TG, et al. **Anal Biochem** 1984 Nov 15;143(1):135-40

Uptake and intracellular processing of targeted and nontargeted liposomes by rat Kupffer cells in vivo and in vitro. Scherphof GL, et al. **Ann NY Acad Sci** 1985 446:368-84

The effect of concentration on the antioxidant effectiveness of alpha-tocopherol in lipid peroxidation induced by superoxide free radicals. Fukuzawa K, et al. **Arch Biochem Biophys** 1985 Jul;240(1):117-20

Diphtheria toxin induces leakage of acidic liposomes. La

CS, et al. **Arch Biochem Biophys** 1984 Oct;234(1):1-6

Differential effects of triphenyltin and 8-azido-ATP on the ATP synthesis, ATP-Pi exchange, and ATP hydrolysis in liposomes containing ATP synthase and bacteriorhodopsin. Van der Bend RL, et al. **Arch Biochem Biophys** 1985 Sep;241(2):461-71

The interaction of albumin and fatty-acid-binding protein with membranes: oleic acid dissociation. Catalá A. **Arch Int Physiol Biochim** 1984 Oct;92(3):255-61

Right-side-out pumping Na,K-ATPase-liposomes: a new tool to study the enzyme's receptor function. Anner BM, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):102-8

Insulin-mediated fusion of negatively charged phospholipid vesicles at low pH. Farias RN, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):68-74

Membrane insertion of prothrombin. Lecompte MF, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):381-6

Control of respiration in sonicated cytochrome oxidase proteoliposomes by gated and ungated ionophores. Shaughnessy S, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):1025-30

Inhibition of lipid peroxidation by alpha-tocopherolquinone and alpha-tocopherolhydroquinone. Bindoli A, et al. **Biochem Int** 1985 May;10(5):753-61

Effects of detergents and cytochrome c binding on scalar and vectorial proton ejection by proteoliposomes containing cytochrome oxidase. Nicholls P, et al. **Biochem J** 1985 May 15;228(1):201-10

Catecholamine-stimulated guanosine 5'-O-(3-thiotriphosphate) binding to the stimulatory GTP-binding protein of adenylate cyclase: kinetic analysis in reconstituted phospholipid vesicles. Asano T, et al. **Biochemistry** 1984 Nov 6;23(23):5467-71

Effects of valency on thermodynamic parameters of specific membrane interactions. Babbitt BP, et al. **Biochemistry** 1985 Apr 23;24(9):2186-94

Monovalent cation-induced phospholipid vesicle aggregation: effect of ion binding. Ohki S, et al. **Biochemistry** 1984 Dec 4;23(25):6126-32

Processing of preproteins by liposomes bearing leader peptidase. Ohno-Iwashita Y, et al. **Biochemistry** 1984 Dec 4;23(25):6178-84

Membrane binding properties of blood coagulation Factor V and derived peptides. Pusey ML, et al. **Biochemistry** 1984 Dec 4;23(25):6202-10

Role of peptide structure in lipid-peptide interactions: a fluorescence study of the binding of pentagastrin-related pentapeptides to phospholipid vesicles. Surewicz WK, et al. **Biochemistry** 1984 Dec 4;23(25):6072-7

Polyhistidine mediates an acid-dependent fusion of negatively charged liposomes. Wang CY, et al. **Biochemistry** 1984 Sep 11;23(19):4409-16

Partition of amphiphilic molecules into phospholipid vesicles and human erythrocyte ghosts: measurements by ultraviolet difference spectroscopy. Welti R, et al. **Biochemistry** 1984 Dec 4;23(25):6086-91

Gangliosides reduce leakage of aqueous-space markers from liposomes in the presence of human plasma. Allen TM, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):205-10

Partition of parathion in synthetic and native membranes. Antunes-Madeira MC, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):49-56

Permeability of alkylamines across phosphatidylcholine vesicles as studied by 1H-NMR. Bar-On Z, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):207-12

Interaction of hexane phosphonic acid diethyl ester with phospholipids in hepatic microsomes and reconstituted liposomes as studied by 31P-NMR. Bayerl T, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):437-46

Kinetics of phospholipid transfer between liposomes (neutral or negatively charged) and high-density lipoproteins: a spin-label study of early events. Bienvenüe A, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):557-66

The stoichiometry of A23187- and X537A-mediated calcium ion transport across lipid bilayers. Blau L, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):219-23

Evidence for a water-soluble intermediate in exchange of cholesterol between membranes. Bruckdorfer KR, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):489-96

The effects of pressure and cholesterol on rotational motions of perylene in lipid bilayers. Chong PL, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):253-65

The effect of elimination of macrophages on the tissue distribution of liposomes containing [3H]methotrexate. Claassen E, et al. **Biochim Biophys Acta** 1984 Dec 20; 802(3):428-34

Characterization of the association of Electrophorus electricus acetylcholinesterase with sphingomyelin liposomes. Relevance to collagen-sphingomyelin interactions. Cohen R, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):94-104

Binding of hematoporphyrin derivative to membranes. Expression of porphyrin heterogeneity and effects of cholesterol studied in large unilamellar liposomes. Cohen S, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):307-12

Na+-Na+ exchange mediated by (Na+ + K+)-ATPase reconstituted into liposomes. Evaluation of pump stoichiometry and response to ATP and ADP. Cornelius F, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):211-21

Micromolar concentrations of Al3+ induce phase separation, aggregation and dye release in phosphatidylserine-containing lipid vesicles. Deleers M, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):195-200

Effects of (dihydro)cytochalasin B, colchicine, monensin and trifluoperazine on uptake and processing of liposomes by Kupffer cells in culture. Dijkstra J, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):34-42

Influence of liposome charge on the association of liposomes with Kupffer cells in vitro. Effects of divalent cations and competition with latex particles. Dijkstra J, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):287-97

High-affinity, sodium-gradient-dependent transport of choline into vesiculated presynaptic plasma membrane fragments from the electric organ of Torpedo marmorata and reconstitution of the solubilized transporter into liposomes. Ducis I, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):109-27

Phospholipid oxidation catalyzed by cytochrome c in liposomes. Goñi FM, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):549-56

Flow cytofluorometric investigation of the uptake by hepatocytes and spleen cells of targeted and untargeted liposomes injected intravenously into mice. Grosse E, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):354-61

Protein rotational diffusion measurements on the interaction of bee venom melittin with bacteriorhodopsin in lipid vesicles. Hu KS, et al. **Biochim Biophys Acta** 1985 Jun 27; 816(2):358-64

The activity of membranes reconstituted from HVJ envelope proteins and lipids to induce hemolysis and fusion between liposomes and erythrocytes. Inoue J, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):321-31

Peroxidation of liposomes in the presence of human erythrocytes and induction of membrane damage of erythrocytes by peroxidized liposomes. Kobayashi T, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):170-8

Uptake of antineoplastic agents into large unilamellar vesicles in response to a membrane potential. Mayer LD, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):294-302

Phosphatidic acid as a calcium ionophore in large unilamellar vesicle systems. Nayar R, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):343-6

Adsorption of local anesthetics on phospholipid membranes. Ohki S. **Biochim Biophys Acta** 1984 Oct 17;777(1):56-66

Intracellular digestion of saturated and unsaturated phospholipid liposomes by mucosal cells. Possible mechanism of transport of liposomally entrapped macromolecules across the isolated vascularly perfused rabbit ileum. Patel HM, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):40-9

The incorporation of a purified, membrane-bound form of guanylate cyclase into phospholipid vesicles and erythrocytes. Radany EW, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):695-701

Tissue distribution of liposomes exhibiting long half-lives in the circulation after intravenous injection. Senior J, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):1-8

Energized transport of potassium ions in the absence of valinomycin by cytochrome c oxidase-reconstituted vesicles. Singh AP, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):194-200

Essential adaptation of the calcium influx assay into liposomes with entrapped arsenazo III for studies on the possible calcium translocating properties of acidic phospholipids. Smaal EB, et al. **Biochim Biophys Acta** 1985 Jun 27; 816(2):418-22

The effect of a water-soluble tris-galactoside terminated cholesterol derivative on the in vivo fate of small unilamellar vesicles in rats. Spanjer HH, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):396-402

Interactions of pyrethroids with phosphatidylcholine liposomal membranes. Stelzer KJ, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):361-8

Liposomal membranes. XX. Autoxidation of unsaturated fatty acids in liposomal membranes. Sunamoto J, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):144-50

Increased lung uptake of liposomes coated with polysaccharides. Takada M, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):237-44

The influence of lipid composition on the barrier properties of band 3-containing lipid vesicles. Van Hoogevest P, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):241-52

Rapid reconstitution and characterization of highly-efficient sarcoplasmic reticulum Ca pump. Wakabayashi S, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):266-76

Effect of liposomal surface charge on the pharmacokinetics of an encapsulated model compound. Abraham I, et al. **Biopharm Drug Dispos** 1984 Oct-Dec;5(4):387-98

Interaction between Ca2+ and dipalmitoylphosphatidylcholine membranes. I. Transition anomalies of ultrasonic properties. Aruga S, et al. **Biophys Chem** 1985 Mar;21(3-4):265-75

Interaction between Ca2+ and dipalmitoylphosphatidylcholine membranes. II. Fluorescence anisotropy study. Kataoka R, et al. **Biophys Chem** 1985 Mar;21(3-4):277-84

Thermotropic behavior of dimyristoylphosphatidylcholine in the presence of cytochrome c oxidase. Chen CH, et al. **Biopolymers** 1985 May;24(5):883-95

Differential mechanisms for liposome uptake by vegetative and aggregation competent cells of Dictyostelium discoideum. Sekeri-Pataryas KH, et al. **Can J Microbiol** 1984 Oct;30(10):1216-21

Metabolic fate of liposomal phosphatidylinositol in murine tumor cells: implications for the mechanism of tumor cell cytotoxicity. Jett M, et al. **Cancer Res** 1985 Oct; 45(10):4810-5

Ca2+ translocation across liposomal membranes enhanced by unsaturated long-chain fatty acids. Utsumi K, et al. **Cell Struct Funct** 1985 Jun;10(2):177-81

Efficient photosensitization of malignant human cells in vitro by liposome-bound porphyrins. Cozzani I, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):131-43

Interactions of pyrethroids with phosphatidylcholine bilayers: comparisons in liposomal systems exhibiting large or small radii of curvature. Stelzer KJ, et al. **Chem Biol Interact** 1985 Jun;54(1):105-16

Permeability and gating of lens gap junction channels incorporated into liposomes. Peracchia C, et al. **Curr Eye Res** 1985 Apr;4(4):431-9

Uptake and processing of liposomal phospholipids by Kupffer cells in vitro. Dijkstra J, et al. **Eur J Biochem** 1985 Apr 15;148(2):391-7

Measurement of the lateral diffusion coefficients of ubiquinones in lipid vesicles by fluorescence quenching of 12-(9-anthroyl)stearate. Fato R, et al. **FEBS Lett** 1985 Jan 7;179(2):238-42

Effect of papain digestion on redox-linked proton translocation in b-c1 complex from beef heart reconstituted into liposomes. Lorusso M, et al. **FEBS Lett** 1985 Mar 25; 182(2):370-4

Excitation energy transfer in Rhodopseudomonas sphaeroides chromatophore membranes fused with liposomes. Pennoyer JD, et al. **FEBS Lett** 1985 Mar 11;182(1):145-50

Specific interactions of liposomes with PMN leukocytes upon incorporating tuftsin in their bilayers. Singhal A, et al. **FEBS Lett** 1984 Dec 3;178(1):109-13

Loss of liposome binding of NADH dehydrogenase from alkalophilic Bacillus on subtilisin digestion. Xuemin X, et al. **FEBS Lett** 1985 Feb 25;181(2):313-7

Choline uptake by lipid liposomes and its diffusion across chloroform are saturable and inhibited by hemicholinium-3. King RG. **Gen Pharmacol** 1984;15(5):419-21

Incorporation of bovine thyroid peroxidase in liposomes. Viniegra S, et al. **Int J Biochem** 1984;16(11):1167-70

Properties of rat liver signal peptidase reconstituted into liposomes. Hikawa A, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):105-12

Interaction between glycophorin and ganglioside GM1 on liposomal membranes. Effect of the interaction on the susceptibility of membranes to HVJ. Umeda M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):229-35

Specificity of the functional interactions of the beta-adrenergic receptor and rhodopsin with guanine nucleotide regulatory proteins reconstituted in phospholipid vesicles. Cerione RA, et al. **J Biol Chem** 1985 Feb 10;260(3):1493-500

Interaction of French-pressed liposomes with isolated bovine adrenal chromaffin cells. Characterization of the cell-liposome interactions. Lelkes PI, et al. **J Biol Chem** 1985 Feb 10;260(3):1796-803

Platelet membrane glycoprotein IIb-IIIa complex incorporated into phospholipid vesicles. Preparation and morphology. Parise LV, et al. **J Biol Chem** 1985 Feb 10; 260(3):1750-6

The effect of a water-soluble tris-galactoside-terminated cholesterol derivative on the fate of low density lipoproteins and liposomes. van Berkel TJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2694-9

Hepatic microsomal glucuronidation of bilirubin in unilamellar liposomal membranes. Implications for intracellular transport of lipophilic substrates. Whitmer DI, et al. **J Biol Chem** 1984 Oct 10;259(19):11969-75

Liposome kinetics in infarcted canine myocardium. Caride VJ, et al. **J Cardiovasc Pharmacol** 1984 Nov-Dec; 6(6):996-1005

Oxidant membrane injury by the neutrophil myeloperoxidase system. I. Characterization of a liposome model and injury by myeloperoxidase, hydrogen peroxide, and halides. Sepe SM, et al. **J Immunol** 1985 Mar;134(3):1888-95

Oxidant membrane injury by the neutrophil myeloperoxidase system. II. Injury by stimulated neutrophils and protection by lipid-soluble antioxidants. Sepe SM, et al. **J Immunol** 1985 Mar;134(3):1896-901

Lectin-mediated binding of liposome-inserted membrane proteins to red blood cells. A method to detect binding of antibodies to purified rat histocompatibility antigen or binding of insulin to the insulin receptor. Eriksson H, et al. **J Immunol Methods** 1984 Dec 14;75(1):167-79

Stopped-flow studies of cytochrome oxidase reconstituted into liposomes: proton pumping and control of activity. Brunori M, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):373-9

Action of DCCD on the H+/O stoichiometry of mitoplast cytochrome c oxidase. Lehninger AL, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):335-40

Effect of lipid structure on the capacity of myelin basic protein to alter vesicle properties: potent effects of aliphatic aldehydes in promoting basic protein-induced vesicle aggregation. Epand RM, et al. **J Neurochem** 1984 Dec; 43(6):1550-5

Biodistribution of phospholipid vesicles in mice bearing Lewis lung carcinoma and granuloma. Patel KR, et al. **J Nucl Med** 1985 Sep;26(9):1048-55

Quantification of uptake of liposomal carboxyfluorescein by professional phagocytes in-vitro. A flow microfluorimetric study on the J774 murine macrophage cell line. Stevenson M, et al. **J Pharm Pharmacol** 1984 Dec;36(12):824–30

Liposome uptake by melanoma: in vitro comparison with hepatocytes. Potter DA, et al. **J Surg Res** 1985 Aug; 39(2):157–63

Binding to cells of virosomes containing herpes simplex virus type 1 glycoproteins and evidence for fusion. Johnson DC, et al. **J Virol** 1984 Oct;52(1):238–47

Ca(phosphatidate)2 can traverse liposomal bilayers. Chauhan VP, et al. **Life Sci** 1984 Sep 24;35(13):1395–9

[Effect of phosphatidylglycerol on the incorporation process of cytochrome P-450 in liposomes from dimyristoylphosphatidylcholine] Akhrem AA, et al. **Biokhimiia** 1985 Jan;50(1):97–101 (Eng. Abstr.) **(Rus)**

[Separate factors influencing the interaction of carbohydrate-containing liposomes with galactose-specific lectins] Dvorkin VM, et al. **Biokhimiia** 1984 Nov;49(11):1862–7 (Eng. Abstr.) **(Rus)**

[Interaction of liposomes with a varying lipid composition with hepatocytes in vitro] Burkhanov SA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):679–81 (Eng. Abstr.) **(Rus)**

[Effect of gamma-irradiation on malonic dialdehyde formation in the interaction of liposomes with cells] Popov GA, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):260–3 (Eng. Abstr.) **(Rus)**

[Transport of 125I-poly I : poly C incorporated in liposomes from the enteric cavity to the small intestine mucosa. An electron microscopic autoradiographic study] Nadtochii VV, et al. **Tsitologiia** 1984 Jul;26(7):783–7 (Eng. Abstr.) **(Rus)**

[Liposome transport as a model of substance absorption in the small intestine studied by electron microscopic autoradiography and scanning microscopy] Nadtochii VV, et al. **Tsitologiia** 1984 Aug;26(8):908–13 (Eng. Abstr.) **(Rus)**

[Transmembrane localization of cytosol proteins from the heart muscle in proteoliposomes] Lishko VK, et al. **Ukr Biokhim Zh** 1985 May–Jun;57(3):3–7 (Eng. Abstr.) **(Rus)**

[Interaction of the Latrodectus tredecimguttatus spider venom with liposomes] Trikash IO, et al. **Ukr Biokhim Zh** 1985 May–Jun;57(3):7–12 (Eng. Abstr.) **(Rus)**

[Joining antibodies to liposomes using Staphylococcus aureus protein A] Baeza IR, et al. **Rev Latinoam Microbiol** 1984 Jul–Sep;26(3):197–202 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Effect of glycolipids contained in liposomes on the incorporation of beta-galactosidase into specific organs. Naoi M, et al. **Biochem Int** 1984 Aug;9(2):267–72

Lack of effect of added liposomes on veratridine activation of 22Na+ uptake in rat brain synaptosomes. Matthews JC. **Biochem Pharmacol** 1985 Aug 15;34(16):2865–9

Increase of globin RNA synthesis induced by phosphatidylserine liposomes in isolated erythroleukemic cell nuclei. Morphological and functional features. Cocco L, et al. **Biol Cell** 1985;54(1):49–56

Liposomes induce chromosome aberrations in human cultured cells. Nuzzo F, et al. **Exp Cell Res** 1985 Apr; 157(2):397–408

Differential inhibition of macrophage microbicidal activity by liposomes. Gilbreath MJ, et al. **Infect Immun** 1985 Feb; 47(2):567–9

Macrophage activation for microbicidal activity against Leishmania major: inhibition of lymphokine activation by phosphatidylcholine-phosphatidylserine liposomes. Gilbreath MJ, et al. **J Immunol** 1985 May;134(5):3420–5

Reconstitution of calmodulin-sensitive adenylate cyclase from bovine brain with phosphatidylcholine liposomes. Yeager RE, et al. **J Neurochem** 1985 Mar;44(3):818–24

Modulation of reticuloendothelial activity with liposomes. Hojo H, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar;47(3):373–85

[C-reactive protein and liposomes] Zeng YH, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):228–31 **(Chi)**

[Interaction of negatively charged lecithin liposomes with human erythrocytes: a transmission electron microscopy study of ultrathin sections] Belitser NV, et al. **Dokl Akad Nauk SSSR** 1984 Jul–Aug;277(1):210–3 **(Rus)**

[Electron microscopic analysis of the structure of metaphase chromosomes after liposome treatment] Kiseleva EV, et al. **Tsitologiia** 1984 Jul;26(7):846–9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

1H- and 2H-n.m.r. studies of water in gamma-irradiated phosphatidylcholine multilamellar liposomes. Guidoni L, et al. **Int J Radiat Biol** 1985 Jul;48(1):117–25

Interaction of phospholipid liposomes with a DNA model compound in irradiated systems. Tait D, et al. **Int J Radiat Biol** 1985 May;47(5):497–508

Microwave-stimulated drug release from liposomes. Liburdy RP, et al. **Radiat Res** 1985 Aug;103(2):266–75

[Study on the interaction between photoradiation-hematoporphyrin derivative and liposome with spin label and ESR spectrum] Zhao BL, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):89–93 (Eng. Abstr.) **(Chi)**

LIPOTROPIN

ANALOGS & DERIVATIVES

Evidence for the existence of [Gln9]-beta-lipotropin in human pituitary glands. Chung D, et al. **Int J Pept Protein Res** 1985 Jan;25(1):9–14

BLOOD

Determination of plasma beta-endorphin and beta-lipotropin by cation-exchange liquid chromatography and radioimmunoassay. Laatikainen T, et al. **Clin Chem** 1985 Jan;31(1):134–6

Acute effects of mazindol on the secretion of ACTH, beta-lipotropin, beta-endorphin and cortisol in man. Sekiya K, et al. **Endocrinol Jpn** 1984 Oct;31(5):523–8

Differential plasma beta-endorphin, beta-lipotropin, and adrenocorticotropin responses to stress in rats. De Souza EB, et al. **Endocrinology** 1985 Apr;116(4):1577–86

Beta-lipotropin and cortisol responses to an intravenous infusion dexamethasone suppression test in Cushing's syndrome and obesity. Abou Samra AB, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):116–9

Serotoninergic agonists increase plasma levels of beta-endorphin and beta-lipotropin in humans. Petraglia F, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1138–42

Correlation between beta-endorphin/beta-lipotropin-immunoreactivity and cortisol plasma concentrations. Govoni S, et al. **Life Sci** 1984 Dec 17;35(25):2549–52

Endorphins and parturition. Detrick JM, et al. **Obstet Gynecol** 1985 May;65(5):647–51

[Dynamics of beta-lipotropin and beta-endorphin levels in Itsenko-Cushing disease patients being treated with the antiserotonin preparation cyproheptadine (peritol) and chloditan] Slavnov VN, et al. **Ter Arkh** 1984;56(9):119–22 (Eng. Abstr.) **(Rus)**

CEREBROSPINAL FLUID

Determination of beta-endorphin and beta-lipotropin in human cerebrospinal fluid. Laatikainen TJ, et al. **Clin Chim Acta** 1985 Feb 15;145(3):325–9

CSF beta-endorphin and beta-lipotropin in Alzheimer's disease and multi-infarct dementia. Sulkava R, et al. **Neurology** 1985 Jul;35(7):1057–8

METABOLISM

The effect of various corticotropin-releasing factor trains on the release of adrenocorticotropin, beta-endorphin, and beta-lipotropin from perifused ovine pituitary cells. Evans MJ, et al. **Endocrinology** 1985 Sep;117(3):893–9

An aminopeptidase activity in bovine pituitary secretory vesicles that cleaves the N-terminal arginine from beta-lipotropin60-65. Gainer H, et al. **FEBS Lett** 1984 Sep 17;175(1):135–9

PHYSIOLOGY

Physiologic concentrations of beta-lipotropin stimulate lipolysis in rabbit adipocytes. Richter WO, et al. **Metabolism** 1985 Jun;34(6):539–43

[Lipotropins (beta- and gamma-LPH). Valid indicators of corticotropic function] Kuhn JM, et al. **Ann Endocrinol (Paris)** 1984;45(6):369–74 (Eng. Abstr.) **(Fre)**

SECRETION

Molecular forms of beta-endorphin in ACTH/LPH hypersecretion syndromes in man. Sheng SL, et al. **Horm Res** 1984;20(2):95–9

[Biosynthesis of pro-opiomelanocortin and secretion of its fragments by cultured bone marrow cells of mice] Dmitriev AD, et al. **Dokl Akad Nauk SSSR** 1985 May–Jun; 282(1):199–202 **(Rus)**

[Immunoreactive beta-lipotropin and endorphins are secreted by the isolated alimentary complex of rats] Titov MI, et al. **Dokl Akad Nauk SSSR** 1985;281(2):497–9 **(Rus)**

LIPOXYGENASES

Enzymatic mass determination of high-specific-radioactivity 3H- and 14C-labeled polyunsaturated fatty acids. Staples MA, et al. **Anal Biochem** 1984 Sep;141(2):316–21

Circular dichroism observations on the lipoxygenase from reticulocytes. Ludwig P, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):136–9

Leukotrienes and other lipoxygenase products: proceedings of an official satellite symposium of IUPHAR 9th International Congress of Pharmacology. London, 4th August 1984. **Prostaglandins** 1984 Nov;28(5):589–739

ANTAGONISTS & INHIBITORS

Suppression of cholesteryl ester accumulation in cultured human monocyte-derived macrophages by lipoxygenase inhibitors. van der Schroeff JG, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):366–72

Salazosulfapyridine and non-steroidal antiinflammatory drugs do not inhibit soybean lipoxygenase. Marcinkiewicz E, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):148–9

A novel biologically active seleno-organic compound--V. Inhibition by ebselen (PZ 51) of rat peritoneal neutrophil lipoxygenase. Safayhi H, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2691–4

Inhibition of soybean lipoxygenase 1 by N-alkylhydroxylamines. Clapp CH, et al. **Biochemistry** 1985 Apr 9;24(8):1826–30

Gossypol, a potent inhibitor of arachidonate 5- and 12-lipoxygenases. Hamasaki Y, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):37–41

The inactivation of lipoxygenases by acetylenic fatty acids. Kühn H, et al. **Biomed Biochim Acta** 1984;43(8–9):S358–61

Inhibition of arachidonic acid 5-lipoxygenase of human polymorphonuclear leukocytes by esculetin. Panossian AG. **Biomed Biochim Acta** 1984;43(12):1351–5

Directional movement of cells in vivo and in vitro under the influence of 5-lipoxygenase inhibitors. Boot JR, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:168–76

Interactions of inhibitors of the lipoxygenase and cyclooxygenase pathways with a supplementary binding site on soybean lipoxygenase. Baumann I, et al. **Br J Pharmacol** 1984 Dec;83(4):959–64

Pharmacological modulation of responses of guinea-pig airways contracted with antigen and calcium ionophore A23187. Burka JF. **Br J Pharmacol** 1985 Jun;85(2):411–20

Pharmacological modulation of responses of guinea-pig airways contracted with arachidonic acid. Burka JF. **Br J Pharmacol** 1985 Jun;85(2):421–5

Suppression of tumor promoter-induced chemiluminescence in mouse epidermal cells by several inhibitors of arachidonic acid metabolism. Fischer SM, et al. **Cancer Res** 1985 Jul;45(7):3130–6

Protective actions of propyl gallate, a lipoxygenase inhibitor, on the ischemic myocardium. Leprán I, et al. **Circ Shock** 1985;15(2):79–88

The effects of cyclooxygenase and lipoxygenase inhibitors on the collagen abnormalities of diabetic rats. Yue DK, et al. **Diabetes** 1985 Jan;34(1):74–8

Effect of inhibitors of the lipoxygenase pathway on mouse myoblast fusion. Steiner S, et al. **Exp Cell Res** 1984 Nov; 155(1):289–93

Interaction of BW755C, a potent inhibitor of lipoxygenase and cyclo-oxygenase, with mitochondrial cytochrome oxidase. Kawai K, et al. **Experientia** 1985 Apr 15; 41(4):490–2

Effects of various inhibitors of arachidonic acid oxygenation on macrophage superoxide release and tumoricidal activity. Schultz RM, et al. **J Immunol** 1985 Sep;135(3):2040–4

Inhibition of mouse epidermal 12-lipoxygenase by 2,3,4-trimethyl-6-(12-hydroxy-5,10-dodecadiynyl)-1,4-be (AA861). Nakadate T, et al. **J Pharm Pharmacol** 1985 Jan;37(1):71–3

Lipoxygenase inhibitors and cyclic AMP-mediated insulin secretion caused by forskolin, theophylline and dibutyryl cyclic AMP. Yamamoto S, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):176–80

Pharmacological properties of a new anti-inflammatory compound, alpha-(3,5-di-tert-butyl-4-hydroxybenzylidene)-gammane (KME-4), and its inhibitory effects on prostaglandin synthetase and 5-lipoxygenase. Hidaka T, et al. **Jpn J Pharmacol** 1984 Sep;36(1):77–85

Effects of some non-steroidal anti-inflammatory drugs and other agents on cyclooxygenase and lipoxygenase activities in some enzyme preparations. Miyazawa K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):199–205

Inhibition of 12-O-tetradecanoylphorbol-13-acetate-induced increase in vascular permeability in mouse skin by lipoxygenase inhibitors. Nakadate T, et al. **Jpn J Pharmacol** 1985 Jun; 38(2):161–8

Cyclo-oxygenase and lipo-oxygenase inhibitors may substitute for steroid treatment in brain oedema [letter] Ambrus JL, et al. **Lancet** 1985 Jul 20;2(8447):148–9

Albumin is one of lipoxygenase inhibitors in serum. Duniec Z, et al. **Pol J Pharmacol Pharm** 1984 Sep–Oct;36(5):465–71

Pharmacological profile of AA-861, a 5-lipoxygenase inhibitor. Ashida Y, et al. **Prostaglandins** 1983 Dec; 26(6):955–72

Inhibitors of lipoxygenase products improve survival in traumatic shock. Hock CE, et al. **Prostaglandins** 1984 Oct; 28(4):557–71

Possible involvement of lipoxygenase products of arachidonic acid pathway in ovulation. Reich R, et al. **Prostaglandins** 1983 Dec;26(6):1011–20

Aspirin enhances the sensitivity of human platelet 12-lipoxygenase to inhibition by 15-HETE, an endogenous regulator. Fletcher-Cieutat M, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):255–9

Inhibitory effects of tannic acid and benzophenone on soybean lipoxygenase and ram seminal vesicle cyclooxygenase. Goswami SK, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):223–8

Lipoxygenase specific inhibitors inhibit murine lymphocyte reactivity to Con A by reducing IL-2 production and its action. Kato K, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):39–52

Effect of NDGA, a lipoxygenase inhibitor, on prolactin actions in mouse mammary gland explants. Rillema JA. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):89–94

[Rat basophilic leukemia-1 cell possesses 12-lipoxygenase and 5-lipoxygenase activities which are specifically inhibited by gossypol acetic acid] Hamasaki Y, et al. **Arerugi** 1984 Dec;33(12):1040–6 (Eng. Abstr.) **(Jpn)**

BLOOD

Increase in 12-lipoxygenase activity in platelets of spontaneously hypertensive rats. Chang WC, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):642-8

Irreversible platelet aggregation does not depend on lipoxygenase metabolites. Rao GH, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):50-7

Studies on platelet lipoxygenase specificity towards icosapolyenoic and docosapolyenoic acids. Guichardant M, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):210-4

Metabolism of 4,7,10,13,16-docosapentaenoic acid by human platelet cyclooxygenase and lipoxygenase. Milks MM, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):29-35

Measurement of arachidonic acid liberation in thrombin-stimulated human platelets. Use of agents that inhibit both the cyclooxygenase and lipoxygenase enzymes. Smith JB, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):344-51

Platelet release reaction and aggregation induced by canatoxin, a convulsant protein: evidence for the involvement of the platelet lipoxygenase pathway. Carlini CR, et al. **Br J Pharmacol** 1985 Feb;84(2):551-60

The formation of products containing a conjugated tetraenoic system by pure reticulocyte lipoxygenase. Kühn H, et al. **FEBS Lett** 1984 Nov 19;177(2):255-9

Cell damage unmasks 15-lipoxygenase activity in human neutrophils. McGuire J, et al. **J Biol Chem** 1985 Jul 15; 260(14):8316-9

Characterization and separation of the arachidonic acid 5-lipoxygenase and linoleic acid omega-6 lipoxygenase (arachidonic acid 15-lipoxygenase) of human polymorphonuclear leukocytes. Soberman RJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4508-15

15-Lipoxygenase in human platelets. Wong PY, et al. **J Biol Chem** 1985 Aug 5;260(16):9162-5

Effects of exogenous arachidonic, eicosapentaenoic, and docosahexaenoic acids on the generation of 5-lipoxygenase pathway products by ionophore-activated human neutrophils. Lee TH, et al. **J Clin Invest** 1984 Dec; 74(6):1922-33

Increased activity of 5-lipoxygenase in polymorphonuclear leukocytes from asthmatic patients. Mita H, et al. **Life Sci** 1985 Sep 9;37(10):907-14

6,7,4'-Trihydroxyisoflavan: a potent and selective inhibitor of 5-lipoxygenase in human and porcine peripheral blood leukocytes. Kuhl P, et al. **Prostaglandins** 1984 Dec; 28(6):783-804

Arachidonic acid-induced human platelet aggregation independent of cyclooxygenase and lipoxygenase. Maclouf J, et al. **Prostaglandins** 1984 Sep;28(3):383-98

Automated extraction and HPLC resolution of lipoxygenase and cyclooxygenase products utilizing high pressure column switching. Pickett WC, et al. **Prostaglandins** 1985 Jan;29(1):83-90

Evaluation of inhibitors of eicosanoid synthesis in leukocytes: possible pitfall of using the calcium ionophore A23187 to stimulate 5' lipoxygenase. Salmon JA, et al. **Prostaglandins** 1985 Mar;29(3):377-85

The effect of methylmercuric chloride on arachidonic acid metabolism by platelet lipoxygenase. Ally AI, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):209-21

The effect of aspirin on the metabolism of exogenous arachidonic acid in human polymorphonuclear leukocytes. Punnonen K, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):177-85

Polymorphonuclear leukocyte 5-lipoxygenase activity in psoriasis. Ruzicka T, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):313-9

IMMUNOLOGY

Immunological comparison of lipoxygenase isozymes-1 and -2 with soybean seedling lipoxygenases. Peterman TK, et al. **Arch Biochem Biophys** 1985 May 1;238(2):476-83

ISOLATION & PURIFICATION

Resolution of the isoenzymes of soybean lipoxygenase using isoelectric focusing and chromatofocusing. Funk MO, et al. **Anal Biochem** 1985 Apr;146(1):246-51

Identification of chemotactic lipoxygenase products of arachidonate metabolism in psoriatic skin. Grabbe J, et al. **J Invest Dermatol** 1984 May;82(5):477-9

On the nature of the 5-lipoxygenase reaction in human leukocytes: enzyme purification and requirement for multiple stimulatory factors. Rouzer CA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6040-4

Purification of a mammalian 5-lipoxygenase from rat basophilic leukemia cells. Goetze AM, et al. **Prostaglandins** 1985 May;29(5):689-701

METABOLISM

The lipoxygenase pathway in the human NK cell system. Jondal M, et al. **Adv Exp Med Biol** 1985;184:257-70

Lipoxygenases, nonheme iron-containing enzymes. Veldink GA, et al. **Adv Inorg Biochem** 1984;6:139-61 (67 ref.)

Lipoxygenase-derived products in cultured human aortic smooth muscle cells. Larrue J, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:55-8

Interactions of a variety of lipoxygenase inhibitors with a supplementary binding site on soybean lipoxygenase. Baumann J, et al. **Agents Actions** 1985 Mar;16(1-2):63-5

Endothelium-dependent vasodilation by melittin: are lipoxygenase products involved? Förstermann U, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H14-9

Prostaglandins and diabetes. Rösen P, et al. **Ann Clin Res** 1984;16(5-6):300-13 (195 ref.)

Membrane-bound lipoxygenase of rat cerebral microvessels. Baba A, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):283-8

Docosahexaenoic acid (22:6, n-3) is metabolized to lipoxygenase reaction products in the retina. Bazan NG, et al. **Biochem Biophys Res Commun** 1984 Dec 14; 125(2):741-7

Oxygenation of phosphatidylcholine by human polymorphonuclear leukocyte 15-lipoxygenase. Jung G, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):559-66

Possible involvement of cyclooxygenase products in the actions of platelet-activating factor and of lipoxygenase products in the vascular effects of epinephrine in perfused rat liver. Mendlovic F, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):507-14

Antigenic stimulated release of arachidonic acid, lipoxygenase activity and histamine release in a cloned murine mast cell MC9. Musch MW, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):517-25

Evidence for the involvement of lipoxygenase products in steroidogenesis. Dix CJ, et al. **Biochem Soc Trans** 1985 Feb; 13(1):60-3

Studies on arachidonate 5-lipoxygenase of rat basophilic leukemia cells. Furukawa M, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):458-65

The biosynthesis of leukotriene B4, the predominant lipoxygenase product in rabbit alveolar macrophages, is enhanced during immune activation. Hsueh W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):92-7

A unique cardiac cytosolic acyltransferase with preferential selectivity for fatty acids that form cyclooxygenase/lipoxygenase metabolites and reverse essential fatty acid deficiency. Needleman P, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):267-73

Pentane formation during the anaerobic reactions of reticulocyte lipoxygenase. Comparison with lipoxygenases from soybeans and green pea seeds. Salzmann U, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):535-42

Arachidonic acid metabolism in isolated pancreatic islets. III. Effects of exogenous lipoxygenase products and inhibitors on insulin secretion. Turk J, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):23-36

Formation of lipoxygenase and cyclooxygenase metabolites of arachidonic acid by brain tissue. Dembińska-Kieć A, et al. **Biomed Biochim Acta** 1984;43(8-9):S222-6

The possible biological importance of lipoxygenase pathway in aorta endothelial cells. Kühn H, et al. **Biomed Biochim Acta** 1984;43(8-9):S304-6

The share of lipoxygenase in the antimycin-resistant oxygen uptake of intact rabbit reticulocytes. Salzmann U, et al. **Biomed Biochim Acta** 1985;44(2):213-21

Inhibition of human malignant neuroblastoma cell DNA synthesis by lipoxygenase metabolites of arachidonic acid. Werner EJ, et al. **Cancer Res** 1985 Feb;45(2):561-3

Arachidonic acid metabolism in murine leishmaniasis (Donovani): ex-vivo evidence for increased cyclooxygenase and 5-lipoxygenase activity in spleen cells. Reiner NE, et al. **Cell Immunol** 1984 Oct 15;88(2):501-10

Products of the lipoxygenase pathway in human natural killer cell cytotoxicity. Rossi P, et al. **Cell Immunol** 1985 Jun; 93(1):1-8

Renal cyclo-oxygenase and lipoxygenase products in health and disease. Dunn MJ, et al. **Clin Physiol Biochem** 1984; 2(2-3):91-100 (22 ref.)

Production of arachidonic acid lipoxygenase products during platelet-neutrophil interactions. Marcus AJ, et al. **Clin Physiol Biochem** 1984;2(2-3):78-83

Inflammation-induced stimulation of the synthesis of prostaglandins and lipoxygenase-reaction products in rabbit cornea. Bazan HE, et al. **Curr Eye Res** 1985 Mar; 4(3):175-9

The production of arachidonate lipoxygenase products by rat intestine is increased by phenolphthalein. Capasso F, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):419-22

Possible involvement of a product of the 5-lipoxygenase pathway in mediation of indomethacin-induced inhibition of cholinergic transmission in guinea-pig ileum. Nakahata N, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):133-8

Appearance of an arachidonic acid 15-lipoxygenase pathway upon differentiation of the human promyelocytic cell-line HL-60. Lundberg U, et al. **FEBS Lett** 1985 Jun 3; 185(1):14-8

The role of 5-lipoxygenase pathway activation in basophil histamine release. Morita Y, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):77-80

Arachidonic acid derivatives as mediators of asthma. Lewis RA, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):259-64

Lipoxygenase products of arachidonic acid modulate biosynthesis of platelet-activating factor (1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine) by human neutrophils via phospholipase A2. Billah MM, et al. **J Biol Chem** 1985 Jun 10;260(11):6899-906

Leukotriene formation by a purified reticulocyte lipoxygenase enzyme. Conversion of arachidonic acid and 15-hydroperoxyeicosatetraenoic acid to 14, 15-leukotriene A4. Bryant RW, et al. **J Biol Chem** 1985 Mar 25; 260(6):3548-55

A novel cyclooxygenase metabolite of arachidonic acid. Morrison AR, et al. **J Biol Chem** 1984 Nov 10; 259(21):13579-83

Calcium ionophore enables soluble agonists to stimulate macrophage 5-lipoxygenase. Tripp CS, et al. **J Biol Chem** 1985 May 25;260(10):5895-8

Activation of the 5-lipoxygenase pathway in E-mast cells by peanut agglutinin. Razin E. **J Immunol** 1985 Feb; 134(2):1142-5

Arachidonic acid metabolism by murine peritoneal macrophages infected with Leishmania donovani: in vitro evidence for parasite-induced alterations in cyclooxygenase and lipoxygenase pathways. Reiner NE, et al. **J Immunol** 1985 Jan;134(1):556-63

Intracellular retention of the 5-lipoxygenase pathway product, leukotriene B4, by human neutrophils activated with unopsonized zymosan. Williams JD, et al. **J Immunol** 1985 Apr;134(4):2624-30

Lipoxygenation of arachidonic acid by subcellular preparations from murine keratinocytes. Ziboh VA, et al. **J Invest Dermatol** 1984 Oct;83(4):248-51

Biosynthesis of lipoxygenase products by enzyme preparations from normal and psoriatic skin. Ziboh VA, et al. **J Invest Dermatol** 1984 Dec;83(6):426-30

Inhibition of phytohemagglutinin-induced lymphocyte mitogenesis by lipoxygenase metabolites of arachidonic acid: structure-activity relationships. Low CE, et al. **J Lipid Res** 1984 Oct;25(10):1090-5

Lipoxygenase metabolism of arachidonic acid in brain. Adesuyi SA, et al. **J Neurochem** 1985 Sep;45(3):770-6

Modulation of substance P-induced bronchoconstriction by lipoxygenase metabolites. Stewart AG, et al. **J Pharm Pharmacol** 1985 May;37(5):345-7

Lipoxygenase products mediate the attachment of rat macrophages to glomeruli in vitro. Baud L, et al. **Kidney Int** 1985 Jun;27(6):855-63

Stimulation by lipoxygenase products of superoxide anion production in FMLP-treated neutrophils. Beckman JK, et al. **Lipids** 1985 May;20(5):318-21

Differential effects of lipoxygenase products on FMLP and LTB4 evoked neutrophil aggregation. Beckman JK, et al. **Lipids** 1985 Jun;20(6):357-60

Role of arachidonate lipoxygenase and cyclooxygenase products in insulin and glucagon secretion from rat pancreatic islets. Morgan RO, et al. **Metabolism** 1984 Oct; 33(10):928-35

Lipoxygenase products of arachidonic acid stimulate LHRH release from rat median eminence. Gerozissis K, et al. **Neuroendocrinology** 1985 Mar;40(3):272-6

Antiaggregatory effects of flavonoids in vivo and their influence on lipoxygenase and cyclooxygenase in vitro. Swies J, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct; 36(5):455-63

Predominant generation of 15-lipoxygenase metabolites of arachidonic acid by epithelial cells from human trachea. Hunter JA, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4633-7

Glucose increases the synthesis of lipoxygenase-mediated metabolites of arachidonic acid in intact rat islets. Metz SA. **Proc Natl Acad Sci USA** 1985 Jan;82(1):198-202

Cyclooxygenase and lipoxygenase modulators in lung reactivity. U.S.-Italy symposium, Milan, April 5-6, 1984. **Prog Biochem Pharmacol** 1985;20:1-146

Substrate and regulatory functions of eicosapentaenoic and docosahexaenoic acids for the 5-lipoxygenase pathway. Implications for pulmonary responses. Lee TH, et al. **Prog Biochem Pharmacol** 1985;20:1-17 (80 ref.)

Measurement of 5-lipoxygenase products in the lung. Murphy RC. **Prog Biochem Pharmacol** 1985;20:84-100 (38 ref.)

Leukotrienes C4 and D4 in psoriatic skin lesions. Brain SD, et al. **Prostaglandins** 1985 Apr;29(4):611-9

Prostaglandin-generating factor of anaphylaxis induces mucous glycoprotein release and the formation of lipoxygenase products of arachidonate from human airways. Marom Z, et al. **Prostaglandins** 1984 Jul; 28(1):79-91

Ionophore-stimulated lipoxygenase activity and histamine release in a cloned murine mast cell, MC9. Musch MW, et al. **Prostaglandins** 1985 Mar;29(3):405-30

Cyclooxygenase and lipoxygenase pathways in the preimplantation rabbit uterus and blastocyst. Pakrasi PL, et al. **Prostaglandins** 1985 Mar;29(3):481-95

Double bond requirement for the 5-lipoxygenase pathway. Wei YF, et al. **Prostaglandins** 1985 Apr;29(4):537-45

12- and 15-lipoxygenases in rat pineal gland. Yoshimoto T, et al. **Prostaglandins** 1984 Aug;28(2):279-85

Arachidonate lipoxygenase activity modulating factors in human plasma and amniotic fluid. Mitchell MD, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):359-64

Evidence for an inverse relationship between cyclooxygenase and lipoxygenase pathways in the pregnant rabbit endometrium. Pakrasi PL, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):347-52

Regulation by oestradiol of the lipoxygenase pathway in the rat uterus. Thaler-Dao H, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):59-64

[Leukotrienes and other lipoxygenase derivatives: a group of pharmacologically very active lipid mediators] Maclouf J, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):5-8 **(Fre)**

PHARMACODYNAMICS

Thymocyte cyclic AMP and cyclic GMP response to treatment with metabolites issued from the lipoxygenase pathway. Mexmain S, et al. **J Immunol** 1985 Aug; 135(2):1361-5

PHYSIOLOGY

The role of chemo-attractant lipoxygenase products in the pathogenesis of psoriasis. Camp RD, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:98-103

Arachidonic acid and leukotrienes in clinical dermatology. Kragballe K, et al. **Curr Probl Dermatol** 1985;13:1-10

Bile salt stimulation of colonic epithelial proliferation. Evidence for involvement of lipoxygenase products. DeRubertis FR, et al. **J Clin Invest** 1984 Nov;74(5):1614-24

Modification of basal and GRF-stimulated cyclic AMP levels and growth hormone release by phospholipid metabolic enzyme inhibitors. Cronin MJ, et al. **Neuroendocrinology** 1985 Apr;40(4):332-8

THERAPEUTIC USE

Therapeutic reduction of ongoing carrageenin-induced inflammation by lipoxygenase, but not cyclooxygenase inhibitors. Holsapple MP, et al. **Inflammation** 1984 Sep; 8(3):223-30

LIPREADING

Comparison of live and video presentation of a speechreading test with children. Elphick R. **Br J Audiol** 1984 Aug; 18(3):109-15

Children's perception of visual and auditory speech. Massaro DW. **Child Dev** 1984 Oct;55(5):1777-88

Diagnostic factors bearing on the use of cued speech with hearing-impaired children. Cornett RO. **Ear Hear** 1985 Jan-Feb;6(1):33-5

Speechreading supplemented with frequency-selective sound-pressure information. Breeuwer M, et al. **J Acoust Soc Am** 1984 Sep;76(3):686-91

Speechreading supplemented with formant-frequency information from voiced speech. Breeuwer M, et al. **J Acoust Soc Am** 1985 Jan;77(1):314-7

The contribution of fundamental frequency, amplitude envelope, and voicing duration cues to speechreading in normal-hearing subjects. Grant KW, et al. **J Acoust Soc Am** 1985 Feb;77(2):671-7

Intermodal timing relations and audio-visual speech recognition by normal-hearing adults. McGrath M, et al. **J Acoust Soc Am** 1985 Feb;77(2):678-85

Progressive addition lenses for deaf lip readers and signers. Thorn F, et al. **J Am Optom Assoc** 1984 Dec;55(12):905-8

LIQUID PARAFFIN see **MINERAL OIL**

LISSAMINE GREEN DYES see under **AMMONIUM COMPOUNDS**

LISTERIA

CLASSIFICATION

Modern taxonomy of the Listeria group relationship to its pathogenicity. Seeliger HP. **Clin Invest Med** 1984; 7(4):217-21

DRUG EFFECTS

[Antibiotic sensitivity of 139 strains of Listeria serotyped by the National Reference Center in 1983] Reynaud A, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):331-9 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

[Immunoprophylaxis of listeriosis in sheep with a killed vaccine] Bŭrdarov I, et al. **Vet Med Nauki** 1985;22(6):13-9 (Eng. Abstr.) **(Bul)**

[Hemolytic effect of Listeria innocua on sheep erythrocytes] Pongratz G, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):296-307 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Listeriosis [letter] **Lancet** 1985 Sep 28;2(8457):728

[Listeria strains isolated from sick animals and consumed silage] Fensterbank R, et al. **Ann Rech Vet** 1984;15(1):113-8 (Eng. Abstr.) **(Fre)**

[Sensitivity of the phage titer increase test in detecting Listeria] Bakulov IA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):40-3 (Eng. Abstr.) **(Rus)**

LISTERIA INFECTIONS

Listeriosis. Systemic infection due to Listeria monocytogenes. Proceedings of a symposium. Halifax, Nova Scotia, Canada, June 1983. **Clin Invest Med** 1984;7(4):209-359

Listeria pleural effusion in a noncompromised host. Zawadsky PM, et al. **J Fam Pract** 1985 Jan;20(1):79-80

Neonatal listeriosis: where do we go from here? Bortolussi R. **Pediatr Infect Dis** 1985 May-Jun;4(3):228-9

[Acute placental insufficiency and listeriosis] Tolck PH **Rev Med Suisse Romande** 1984 Sep;104(9):705-10 **(Fre)**

CEREBROSPINAL FLUID

Infection of the central nervous system by Listeria monocytogenes: a review of 54 adult and juvenile cases. Pollock SS, et al. **Q J Med** 1984 Summer;53(211):331-40

COMPLICATIONS

Listeria monocytogenes sepsis and small cell carcinoma of the rectum: an unusual presentation of the acquired immunodeficiency syndrome. Read EJ, et al. **Am J Clin Pathol** 1985 Mar;83(3):385-9

Follow-up study of survivors of fetal and early onset neonatal listeriosis. Evans JR, et al. **Clin Invest Med** 1984; 7(4):329-34

Septicaemia, encephalitis and abortions in a housed flock of sheep caused by Listeria monocytogenes type 1/2. Low JC, et al. **Vet Rec** 1985 Feb 9;116(6):147-50

[Infectious endocarditis caused by Listeria monocytogenes and mycotic aneurysm of the deep femoral artery. Report of a case] Arruda WO, et al. **Arq Bras Cardiol** 1984 Aug; 43(2):119-21 (Eng. Abstr.) **(Por)**

CONGENITAL

An ongoing problem: perinatal infection due to Listeria monocytogenes, an old pathogen reborn. Bortolussi R. **Clin Invest Med** 1984;7(4):213-5

[Congenital listeriosis] Bashmakova MA, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):58-61 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Comparison of three serological methods--enzyme-linked immunosorbent assay, complement fixation, and microagglutination--in the diagnosis of human perinatal Listeria monocytogenes infection. Hudak AP, et al. **Clin Invest Med** 1984;7(4):349-54

Listeriosis [editorial] **Lancet** 1985 Aug 17;2(8451):364-5

Listeria monocytogenes endocarditis. Sheinman BD, et al. **Postgrad Med J** 1985 Jan;61(711):51-2

[Listeriosis: neurologic presentations in the framework of the Neuchatel mini epidemic 1983-1984] Delabays A, et al. **Rev Med Suisse Romande** 1985 Mar;105(3):261-6 **(Fre)**

[Current state of the diagnosis of listeriosis] Terragna A, et al. **Recenti Prog Med** 1984 Jul-Aug;75(7-8):623-38 (Eng. Abstr.) **(Ita)**

[A case of listerial pneumonia] Jodłowski J. **Pneumonol Pol** 1985 Feb;53(2):95-8 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Ampicillin-resistant Listeria monocytogenes meningitis in a previously healthy 14-year-old athlete. Rapp MF, et al. **Arch Neurol** 1984 Dec;41(12):1304

In vitro and in vivo activity of various antibiotics against Listeria monocytogenes type 4b. Hawkins AE, et al. **Clin Invest Med** 1984;7(4):335-41

Failure of cephalosporins to cure experimental listeriosis. Kawaler B, et al. **J Infect** 1984 Nov;9(3):239-43

Free versus liposome-entrapped ampicillin in treatment of infection due to Listeria monocytogenes in normal and athymic (nude) mice. Bakker-Woudenberg IA, et al. **J Infect Dis** 1985 May;151(5):917-24

Successful treatment of maternal septicemia due to Listeria monocytogenes at 26 weeks' gestation. Fleming AD, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):52S-53S

[Listeriosis: case report and repetitorium] Ringelmann R, et al. **Immun Infekt** 1984 Apr;12(2):89-93 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Listeriosis in patients with long-term hemodialysis and transfusional iron overload. Mossey RT, et al. **Am J Med** 1985 Sep;79(3):397-400

Listeria monocytogenes bacteremia in the acquired immunodeficiency syndrome [letter] Real FX, et al. **Ann Intern Med** 1984 Dec;101(6):883

Virulence of different strains of Listeria monocytogenes serovar 1/2a. Hof H. **Med Microbiol Immunol (Berl)** 1984; 173(4):207-18

Listerellosis with meningitis in a renal transplant recipient--a case report. Lai MK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):600-2

IMMUNOLOGY

Resistance of gnotobiotic nude mice to Listeria infection. Wirsing von Koenig CH, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):51-8

Immune complexes suppress cellular immunity. Virgin HW 4th, et al. **Ann NY Acad Sci** 1984;437:16-27 (31 ref.)

RNase-sensitive and RNase-insensitive protective components isolated from Listeria monocytogenes. Antonissen AC, et al. **Antonie Van Leeuwenhoek** 1985; 51(2):227-40

Depression of macrophage functions and T-cell-mediated immunity to listeria infection in tumor-bearing mice and its prevention by PSK. Tsuru S, et al. **Cancer Immunol Immunother** 1984;18(3):160-3

Characterization of natural killer cells induced in the peritoneal exudates of mice infected with Listeria monocytogenes: a study of their tumor target specificity and their expression of murine differentiation antigens and human NK-associated antigens. Holmberg LA, et al. **Cell Immunol** 1984 Nov;89(1):151-68

Attempts to characterize the T-cell population and lymphokine involved in the activation of macrophage oxygen metabolism in murine listeriosis. Kaufmann SH, et al. **Cell Immunol** 1984 Oct 15;88(2):545-50

The significance of alpha/beta interferons and gamma interferon produced in mice infected with Listeria monocytogenes. Nakane A, et al. **Cell Immunol** 1984 Oct 1;88(1):29-40

Dynamics of T cells of L3T4 and Ly 2 phenotype within granulomas in murine listeriosis. Näher H, et al. **Clin Exp Immunol** 1985 Jun;60(3):559-64

Dynamics of Listeria monocytogenes type 4b infection in pregnant and infant rats. Bortolussi R, et al. **Clin Invest Med** 1984;7(4):273-9

The immune response of human neonates to Listeria monocytogenes infection. Issekutz TB, et al. **Clin Invest Med** 1984;7(4):281-6

The role of natural resistance in protection of the murine host from listeriosis. Kongshavn PA, et al. **Clin Invest Med** 1984;7(4):253-7 (26 ref.)

Natural resistance to listeriosis: role of host inflammatory responsiveness. Stevenson MM, et al. **Clin Invest Med** 1984; 7(4):297-301

Genetically determined resistance to listeriosis is associated with increased accumulation of inflammatory neutrophils and macrophages which have enhanced listericidal activity. Czuprynski CJ, et al. **Immunology** 1985 Jul;55(3):511-8

Activation of non-specific cytotoxic cells in Listeria-susceptible and -resistant mouse strains. Wood P, et al. **Immunology** 1985 Jan;54(1):113-9

Killed Listeria-induced suppressor T cells involved in suppression of delayed-type hypersensitivity and protection against Listeria infection. Yamamoto K, et al. **Immunology** 1985 Aug;55(4):609-19

Decreased delayed-type hypersensitivity and increased protection to Listeria monocytogenes seen in mice infected with mucoid and nonmucoid Pseudomonas aeruginosa. Blackwood LL. **Infect Immun** 1985 Mar;47(3):840-2

Increased local complement levels upon intraperitoneal injection of mice with Listeria monocytogenes and regulation by polyanions. Klerx JP, et al. **Infect Immun** 1985 Sep;49(3):841-3

Ontogeny of macrophage-mediated protection against Listeria monocytogenes. Ohara R, et al. **Infect Immun** 1985 Jun;48(3):763-8

An in vitro system to study listericidal capacity of macrophages from separate mice: resident macrophages exhibit different activation patterns. Ottendorfer D, et al. **Infect Immun** 1985 Sep;49(3):685-91

Suppression of cellular immunity to Listeria monocytogenes by activated macrophages: mediation by prostaglandins. Petit JC, et al. **Infect Immun** 1985 Aug;49(2):383-8

Influence of steroidal and nonsteroidal sex hormones on host resistance in mice: increased susceptibility to Listeria monocytogenes after exposure to estrogenic hormones. Pung OJ, et al. **Infect Immun** 1984 Nov;46(2):301-7

Production of Listeria-specific rat T-cell clones and role of interleukin-2 receptors in regulation of Listeria-dependent T-cell clone growth in vitro. Stolpmann RM, et al. **Infect Immun** 1985 Mar;47(3):822-6

Effect of splenectomy on production of interferon and colony-stimulating factor in Listeria monocytogenes-infected mice. Wood PR, et al. **Infect Immun** 1984 Dec;46(3):860-1

Liver macrophages in murine listeriosis. Cell-mediated immunity is correlated with an influx of macrophages capable of generating reactive oxygen intermediates. Lepay DA, et al. **J Exp Med** 1985 Jun 1;161(6):1503-12

Enhanced accumulation of inflammatory neutrophils and macrophages mediated by transfer of T cells from mice immunized with Listeria monocytogenes. Czuprynski CJ, et al. **J Immunol** 1985 May;134(5):3449-54

H-2K-restricted granuloma formation by Ly-2+ T cells in antibacterial protection to facultative intracellular bacteria. Näher H, et al. **J Immunol** 1985 Jan;134(1):569-72

Relationships between oxidative metabolism, macrophage activation, and antilisterial activity. Godfrey RW, et al. **J Leukocyte Biol** 1984 Oct;36(4):533-43

An adoptive transfer system for the investigation of granuloma formation in murine listeriosis. Näher H, et al. **Med Microbiol Immunol (Berl)** 1985;173(6):311-8

Host defense mechanisms to perinatal and neonatal Listeria monocytogenes infection. Bortolussi R, et al. **Surv Synth Pathol Res** 1984;3(4):311-32 (120 ref.)

[Listeria monocytogenes antibodies in pregnant women treated in obstetrics and gynecology hospital departments and outpatient clinics in Poland 1975-1981] Zaremba M, et al. **Ginekol Pol** 1984 Jul;55(7):509-15 (Eng. Abstr.) **(Pol)**

METABOLISM

Production of tumour necrosis factor in Listeria monocytogenes-infected animals. Ha DK, et al. **Int J Immunopharmacol** 1985;7(1):1-6

OCCURRENCE

Overview of neonatal listeriosis. Albritton WL, et al.

Clin Invest Med 1984;7(4):311-4 (55 ref.)

Listeria monocytogenes infections in Canada. Davies JW, et al. **Clin Invest Med** 1984;7(4):315-20

Leads from the MMWR. Listeriosis outbreak associated with Mexican-style cheese--California. **JAMA** 1985 Jul 26; 254(4):474

Listeriosis outbreak associated with Mexican-style cheese--California. **MMWR** 1985 Jun 21;34(24):357-9

Listeriosis in Christchurch 1967-1984. Faoagali JL, et al. **NZ Med J** 1985 Feb 13;98(772):64-6

An epidemic of perinatal listeriosis serotype 1b in Hispanics in a Houston hospital. Canfield MA, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):106

Perinatal listeriosis: report of an outbreak. Evans JR, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):237-41

[Epidemic listeriosis. Report of 25 cases in 15 months at the Vaud University Hospital Center] Malinverni R, et al. **Schweiz Med Wochenschr** 1985 Jan 5;115(1):2-10 (Eng. Abstr.) **(Fre)**

[Increased incidence of listeriosis diseases in Lower Saxony, 1983] Nicolai-Scholten ME, et al. **Immun Infekt** 1985 Apr; 13(2):76-7 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Pontomedullary encephalitis and basal meningitis due to Listeria monocytogenes: report of a case. Callea L, et al. **Eur Neurol** 1985;24(4):217-20

PHYSIOPATHOLOGY

Effect of Listeria monocytogenes infection on serum levels of colony-stimulating factor and number of progenitor cells in immune and nonimmune mice. Wing EJ, et al. **Infect Immun** 1985 Aug;49(2):325-8

PREVENTION & CONTROL

Enhancement of resistance to Listeria monocytogenes infection in mice by pyrimidine analogs. Anthony LS, et al. **Clin Invest Med** 1984;7(4):343-8

Vaccination against the intracellular bacterium Listeria monocytogenes with a clonotypic antiserum. Kaufmann SH, et al. **J Immunol** 1985 Jun;134(6):4123-7

THERAPY

Effect of human leukocyte and other tissue dialysates on Listeria resistance and phagocytosis in mice. Karhumäki E, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Jun;93(3):111-6

TRANSMISSION

Transmission of neonatal listeriosis in a delivery room. Nelson KE, et al. **Am J Dis Child** 1985 Sep;139(9):903-5

New perspectives on the gastrointestinal mode of transmission in invasive Listeria monocytogenes infection. Schlech WF 3d. **Clin Invest Med** 1984;7(4):321-4 (34 ref.)

Listeriosis and milk [editorial] Barza M. **N Engl J Med** 1985 Feb 14;312(7):438-40

Pasteurized milk as a vehicle of infection in an outbreak of listeriosis. Fleming DW, et al. **N Engl J Med** 1985 Feb 14;312(7):404-7

VETERINARY

Cytokinetics of mononuclear phagocyte response to listeriosis in genetically-determined sensitive and resistant murine hosts. Punjabi CJ, et al. **Clin Invest Med** 1984;7(3):165-72

Listeriosis in sheep. Low C, et al. **In Pract** 1985 Mar;:66-7

Listeriosis in seven bushy-tailed jirds. Tappe JP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1367-70

An outbreak of ovine listeriosis associated with poor flock management practices. Meredith CD, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):55-6

Listeriosis in a rabbit. Watson GL, et al. **Vet Pathol** 1985 Mar;22(2):191-3

Ovine listerial encephalitis: analysis, hypothesis and synthesis. Barlow RM, et al. **Vet Rec** 1985 Mar 2;116(9):233-6

[Immunoprophylaxis of listeriosis in sheep with a killed vaccine] Bŭrdarov I, et al. **Vet Med Nauki** 1985;22(6):13-9 (Eng. Abstr.) **(Bul)**

[Listeria strains isolated from sick animals and consumed silage] Fensterbank R, et al. **Ann Rech Vet** 1984;15(1):113-8 (Eng. Abstr.) **(Fre)**

[Enzootic septicemic listeriosis in a migrating flock of sheep] Palmer DG. **Schweiz Arch Tierheilkd** 1984 Oct; 126(10):539-43 (Eng. Abstr.) **(Ger)**

LISTERIA MONOCYTOGENES

[Antirecurrence action of preparations made from Listeria in the surgical removal of sarcoma 180] Kadykova TN, et al. **Eksp Onkol** 1985;7(1):40-2 (Eng. Abstr.) **(Rus)**

ANALYSIS

Characterization of a novel linkage unit between ribitol teichoic acid and peptidoglycan in Listeria monocytogenes cell walls. Kaya S, et al. **Eur J Biochem** 1985 Feb 1; 146(3):517-22

Structural study on teichoic acids of Listeria monocytogenes types 4a and 4d. Fujii H, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):883-91

Enzyme immunoassay of teichoic acids from Listeria monocytogenes. Kamisango K, et al. **J Clin Microbiol** 1985 Jan;21(1):135-7

CLASSIFICATION

A phage typing system for Listeria monocytogenes and its use in epidemiological studies. Audurier A, et al. **Clin Invest Med** 1984;7(4):229-32

Surveillance of Listeria monocytogenes in human and environmental specimens in Nova Scotia, 1974 to 1981. Embil JA, et al. **Clin Invest Med** 1984;7(4):325-7

CYTOLOGY

Induction of stable L-forms of Salmonella typhi and Listeria monocytogenes. Asnani PJ, et al. **Acta Microbiol Hung** 1985;32(1):61-4

DRUG EFFECTS

Antimicrobial susceptibilities of Listeria monocytogenes strains isolated from 1958 to 1982 in Sweden. Larsson S, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):12-4

Effects of erythromycin in combination with penicillin, ampicillin, or gentamicin on the growth of Listeria monocytogenes. Penn RL, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):289-94

In vitro and in vivo activity of various antibiotics against Listeria monocytogenes type 4b. Hawkins AE, et al. **Clin Invest Med** 1984;7(4):335-41

Role of lipid in butylatedhydroxyanisole (BHA) resistance of Listeria monocytogenes. Al-Issa M, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):42-50

GROWTH & DEVELOPMENT

Differential effects of iron on the growth of Listeria monocytogenes: minimum requirements and mechanism of acquisition. Cowart RE, et al. **J Infect Dis** 1985 Apr; 151(4):721-30

Transfer of Listeria monocytogenes between frogs. Botzler RG, et al. **J Wildl Dis** 1985 Apr;21(2):173-4

IMMUNOLOGY

RNase-sensitive and RNase-insensitive protective components isolated from Listeria monocytogenes. Antonissen AC, et al. **Antonie Van Leeuwenhoek** 1985; 51(2):227-40

Ribonuclease-sensitive ribosomal vaccines. Gonggrijp R, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):763-74

Enhancement of passive antilisterial immunity and change of Lyt phenotype following in vitro stimulation of murine lymphoid cells from immune donors. Barry RA, et al. **Clin Invest Med** 1984;7(4):303-9

Activation of Listeria monocytogenes-induced prekiller T cells by interleukin-2. Chen-Woan M, et al. **Clin Invest Med** 1984;7(4):287-95

Immunomodulation by surface components of Listeria monocytogenes: a review. Galsworthy SB. **Clin Invest Med** 1984;7(4):223-7 (38 ref.)

The cellular response to Listeria monocytogenes is mediated by a heterogeneous population of immunospecific T cells. McGregor DD, et al. **Clin Invest Med** 1984;7(4):243-52 (82 ref.)

Analysis of Listeria monocytogenes antigens with monoclonal antibodies. Ziegler HK, et al. **Clin Invest Med** 1984;7(4):239-42

The processing and presentation of Listeria monocytogenes antigens by macrophages. Ziegler HK. **Clin Invest Med** 1984;7(4):269-72

Protection of mice against the intracellular bacterium Listeria monocytogenes by recombinant immune interferon. Kiderlen AF, et al. **Eur J Immunol** 1984 Oct;14(10):964-7

Phenol-water extracts of gram-positive Listeria monocytogenes and gram-negative Salmonella typhimurium. Comparison of biological activities. Hofman J, et al. **Folia Microbiol (Praha)** 1985;30(3):231-6

Killed Listeria-induced suppressor T cells involved in suppression of delayed-type hypersensitivity and protection against Listeria infection. Yamamoto K, et al. **Immunology** 1985 Aug;55(4):609-19

Effective protection against Listeria monocytogenes and delayed-type hypersensitivity to listerial antigens depend on cooperation between specific L3T4+ and Lyt 2+ T cells. Kaufmann SH, et al. **Infect Immun** 1985 Apr; 48(1):263-6

Suppression of cellular immunity to Listeria monocytogenes by activated macrophages: mediation by prostaglandins. Petit JC, et al. **Infect Immun** 1985 Aug;49(2):383-8

Production of macrophage-activating and migration-inhibition factors in vitro by serologically selected and cloned Listeria monocytogenes-specific T cells of the Lyt 1+2- phenotype. Sperling U, et al. **Infect Immun** 1984 Oct;46(1):111-5

Involvement of suppressor cells induced with membrane fractions of trypanosomes in immunosuppression of trypanosomiasis. Yamamoto K, et al. **Parasite Immunol** 1985 Mar;7(2):95-106

Modulation of the immune response to Listeria monocytogenes by benzene inhalation. Rosenthal GJ, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):502-10

On the serology and immunobiology of listeriosis. VIII. Communication: antibody against Listeria monocytogenes in sheep without and after vaccination against listeriosis as measured by means of different serological methods. Kuhlmann-Berger S, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb; 259(1):51-8

[Listeria monocytogenes antibodies in pregnant women treated in obstetrics and gynecology hospital departments and outpatient clinics in Poland 1975-1981] Zaremba M, et al. **Ginekol Pol** 1984 Jul;55(7):509-15 (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

A synthetic based medium for the isolation of Listeria monocytogenes. Martin RS, et al. **Clin Invest Med** 1984; 7(4):233-7

Effect of Listeria monocytogenes infection on serum levels of colony-stimulating factor and number of progenitor cells in immune and nonimmune mice. Wing EJ, et al. **Infect Immun** 1985 Aug;49(2):325-8

[Campylobacter jejuni, Yersinia enterocolitica and Listeria monocytogenes in dogs from municipal kennels in Rome] De Carolis A, et al. **Nuovi Ann Ig Microbiol** 1984 May-Jun; 35(3):189-99 (Eng. Abstr.) **(Ita)**

[Isolation of unbalanced growth forms from Listeria and their ultrastructure] Zigangirova NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):19-23 (Eng. Abstr.) **(Rus)**

PATHOGENICITY

Generation of oxygen species and virulence of Listeria monocytogenes. Godfrey RW, et al. **Infect Immun** 1985 Mar;47(3):837-9

Virulence of different strains of Listeria monocytogenes serovar 1/2a. Hof H. **Med Microbiol Immunol (Berl)** 1984; 173(4):207-18

Role of haemolysin and temperature in the pathogenesis of Listeria monocytogenes in fertile hens' eggs. Basher HA, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Dec; 258(2-3):223-31

LISURIDE see under **ERGOLINES**

LITERATURE

Top schools' top texts. Fonseca JD. **Am J Nurs** 1985 Jun; 85(6):666-70

Shylock in 'The Merchant of Venice'. Greenberg SI. **Am J Psychoanal** 1985 Summer;45(2):160-5

'His scorn I approve': the self-effacing Desdemona. Paris BJ. **Am J Psychoanal** 1984 Winter;44(4):413-24

Pruning scientific papers will provide an opportunity for new growth. Morgan PP. **Can Med Assoc J** 1985 Mar 15; 132(6):609

The impact of creative drama training on psychological states of older adults: an exploratory study. Davis BW. **Gerontologist** 1985 Jun;25(3):315-21

Expressive group psychotherapy with the elderly: a drama therapy approach. Johnson DR. **Int J Group Psychother** 1985 Jan;35(1):109-27

Guerin versus Malgaigne: a precedent for the free criticism of scientific papers. Peltier LF. **J Orthop Res** 1983; 1(1):115-8

An arts infusion intervention model for children with severe handicaps. Sherrill C, et al. **Ment Retard** 1984 Dec; 22(6):316-20

Bowen's concept of triangles and Edward Albee's 'Who's Afraid of Virginia Woolf?' Hickey BA. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):51-6

Morality and medicine on the modern stage. Belli A. **Pharos** 1984 Fall;47(4):11-6

Representation of the internal world in catatonic schizophrenia. Johnson DR. **Psychiatry** 1984 Nov; 47(4):299-314

An essay on method in applied psychoanalysis. Baudry F. **Psychoanal Q** 1984 Oct;53(4):551-81

Poor Rumpelstiltskin. Miller M. **Psychoanal Q** 1985 Jan; 54(1):73-6

Play, myth, theater, and psychoanalysis. Grolnick SA. **Psychoanal Rev** 1984 Sep;71(2):247-62

[Is suicide prevention still possible after the authorized publication of the book entitled: 'Suicide--how to do it--history--technic--current status?'] Soubrier JP. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):40-6 (Eng. Abstr.) **(Fre)**

[Anamnesis as drama--the first sentences] Friedrich H. **Z Psychosom Med Psychoanal** 1984;30(4):314-22 (Eng. Abstr.) **(Ger)**

LITERATURE, MEDIEVAL

Antony and Cleopatra: the empire of the self. Faber MD. **Psychoanal Rev** 1985 Spring;72(1):71-104

[Marvels and monsters in Nicole Oresme's Quodlibeta] Caroti S. **Pubbl Stn Zool Napoli [II]** 1984;6(2):133-50 **(Ita)**

LITERATURE, MODERN

Lost boys wandering around the Peter pantheon. Meyer N. **Adolesc Psychiatry** 1985;12:46-58

American literature: making a mountain out of a molehill. Riley D. **Am Ann Deaf** 1985 Mar;130(1):20-6

The death of Samuel Johnson. Was it hastened by digitalis intoxication? Dirckx JH. **Am J Dermatopathol** 1984 Dec; 6(6):531-6

A psychological commentary on John Gardner's Grendel. Lewis CN. **Am J Psychoanal** 1984 Winter;44(4):431-6

Did Shakespeare know schizophrenia? The case of Poor Mad Tom in King Lear. Bark NM. **Br J Psychiatry** 1985 Apr; 146:436-8

Wordsworth. Presidential address to the Bristol Medico-Chirurgical Society, 10th October 1984. Bailey I. **Bristol Med Chir J** 1985 Jan;100(373):1-9

Familial diabetes insipidus [letter] McKendry JB. **Can Med Assoc J** 1985 Mar 1;132(5):510, 512

Bromide psychosis: a literary case. Hurst DL, et al. **Clin Neuropharmacol** 1984;7(3):259-64

The Ramsay family in Virginia Woolf's To the Lighthouse: a study of arrest at stage three of family development as delineated in Solomon's 'A Developmental, Conceptual Premise for Family Therapy'. Proudfit CL. **Fam Process** 1984 Sep;23(3):319-35

Thoreau as a scientist. Morowitz HJ. **Hosp Pract [Off]** 1984 Nov;19(11):143-6, 151

The real literature: a reading list for dermatologists. Caplan RM. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):901-3

The sore eyes of Samuel Pepys. Groffman S. **J Am Optom Assoc** 1985 May;56(5):370-2

Archaic introjects and the cosmology of H.G. Wells. Parkin A. **J Am Psychoanal Assoc** 1982;30(2):487-508

Conrad's 'The Idiots': case examples of autism? [letter] Webster CD. **J Autism Dev Disord** 1984 Sep;14(3):346-7

Mark Twain: behaviorist. Morgan WG. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):99

Two pathographies: a study in illness and literature. Hawkins A. **J Med Philos** 1984 Aug;9(3):231-52

A commentary on 'two pathographies: a study in illness and literature'. Jones AH. **J Med Philos** 1984 Aug;9(3):257-9

The experience of illness: integrating metaphors and the transcendence of illness. Shelp EE. **J Med Philos** 1984 Aug; 9(3):253-6

M. Ageyev's Novel with Cocaine: Russian fiction or snow job? Siegel RK. **J Psychoactive Drugs** 1985 Jan-Mar; 17(1):41-4

Neurological disorders of Dr Samuel Johnson. McHenry LC Jr. **J R Soc Med** 1985 Jun;78(6):485-91

Kaitai Shinsho: the historic Japanese translation of a Dutch anatomical text. Sakula A. **J R Soc Med** 1985 Jul; 78(7):582-7

A 'reverence for strong drink': the lost generation and the elevation of alcohol in American culture. Room R. **J Stud Alcohol** 1984 Nov;45(6):540-6

1984: Newspeak, doublethink, and vascular surgery. Baker WH. **J Vasc Surg** 1985 Sep;2(5):645-8

Elizabeth Barrett Browning. Leavesley J. **Med J Aust** 1985 Mar 18;142(6):365-7

Atropine poisoning in Hawthorne's the Scarlet Letter [letter] **N Engl J Med** 1984 Nov 29;311(22):1438-41

Morality and medicine on the modern stage. Belli A. **Pharos** 1984 Fall;47(4):11-6

Notes of a Lewis Thomas watcher: emerging intellectual unities. Bulger RJ. **Pharos** 1984 Spring;47(2):25-6

A woman doctor in Victorian fiction. Hill J. **Pharos** 1985 Summer;48(3):8-11

The childhood suffering of Charles Dickens and his literary children. Markel H. **Pharos** 1985 Spring;48(2):5-8

Osler's bedside library revisited. Reynolds RC. **Pharos** 1985 Spring;48(2):34-6

Of milk and bones: the correlation of developmental experience and aesthetic structure in Margaret Atwood's Life Before Man and Toni Morrison's Song of Solomon. Althofer B. **Psychoanal Rev** 1984 Nov;71(3):461-82

'The whole scene of this voyage': a primal scene reading of Gulliver's Voyage to Brobdingnag. Freedman W. **Psychoanal Rev** 1984 Dec;71(4):553-68

Creative writers on personality: Octavio Paz and Carlos Fuentes on the Mexican national character. Mollinger RN. **Psychoanal Rev** 1984 Sep;71(2):305-17

Disabled superheroes in comic books. Kokaska CJ. **Rehabil Lit** 1984 Sep-Oct;45(9-10):286-8

Dr. Trevelyan and Mr. Treves: Sherlock Holmes and the Elephant Man. Massey JM, et al. **South Med J** 1985 Jul; 78(7):854-7

[Jan Neruda and physicians] Málek P. **Cas Lek Cesk** 1984 Dec 21;123(51):1575-7 **(Cze)**

[The relation of Johann Wolfgang Goethe to medicine, particularly with respect to ophthalmology] Sajner J. **Cesk Oftalmol** 1984 Nov;40(6):386-90 (Eng. Abstr.) **(Cze)**

[Madness in Zola's writing. II. Interactions of insanity in La Joie de Vivre. 1. Situations and psychopathologic types] Fernandez-Zoïla A. **Ann Med Psychol (Paris)** 1985 Jan; 143(1):1-13 (Eng. Abstr.) **(Fre)**

[The madnesses of Zola II. Madness interaction in 'La Joie de Vivre'. 2. Psychopathology and relational anthropology] Fernandez-Zoïla A. **Ann Med Psychol (Paris)** 1985 Feb; 143(2):125-38 (Eng. Abstr.) **(Fre)**

[Homage to Dr. François Rabelais (1484-1553)] Aron E. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):634-7 (Eng. Abstr.) **(Fre)**

[Problematic filiation, family novel and secret (apropos of Louis Aragon)] Matot JP. **Psychiatr Enfant** 1984; 27(2):523-38 **(Fre)**

[Postscript to the deterioration of patient J.P. Sartre. The book 'Adieu.' A Farewell to Sartre by Simone de Beauvoir seen through a physician's eyes] Halhuber MJ. **Fortschr Med** 1984 Dec 6;102(45):Suppl 64-5 **(Ger)**

[Freud's psychological methods in art] Breuer H. **Psyche (Stuttg)** 1985 Jul;39(7):577-91 (Eng. Abstr.) **(Ger)**

['Always daughter of the air.' The dangerous life of Effie Briest] Dyck J, et al. **Psyche (Stuttg)** 1985 Jul;39(7):617-33 (Eng. Abstr.) **(Ger)**

[The analyst as detective, the detective as analyst] Lorenzer A. **Psyche (Stuttg)** 1985 Jan;39(1):1-11 (Eng. Abstr.) **(Ger)**

[The ruined picture of modern man in Günter Grass' novel 'The Tin Drum'] Neumarkt P. **Psyche (Stuttg)** 1985 Jul; 39(7):648-63 (Eng. Abstr.) **(Ger)**

[From the archives of psychoanalysis. Pinocchio] Róheim G. **Psyche (Stuttg)** 1985 Jan;39(1):62-8 **(Ger)**

[Love of children in the works and activities of Janusz Korczak] Pałasz M. **Wiad Lek** 1984 May 1;37(9):733-6 **(Pol)**

[The medical environment of N. V. Gogol' (on the 175th anniversary of the writer's birth)] Arkhangel'skii GV. **Klin Med (Mosk)** 1985 Mar;63(3):138-41 **(Rus)**

[A. S. Pushkin and medicine] Katsnel'bogen AG. **Klin Med (Mosk)** 1984 Dec;62(12):117-20 **(Rus)**

[An unsuccessful obstetrical procedure in the novel 'A Farewell to Arms' by Ernest Hemingway] Milutinović M. **Srp Arh Celok Lek** 1984 Oct;112(10):1099-102 **(Scc)**

LITHIUM

Conformation of LiDNA in solutions of LiCl. Borochov N, et al. **Biopolymers** 1984 Sep;23(9):1757-69

Use of lithium to determine volume of 24-h urine specimens [letter] Ronquist G, et al. **Clin Chem** 1985 Aug;31(8):1413-4

Stepwise dissociation of yeast 60S ribosomal subunits by LiCl and identification of L25 as a primary 26S rRNA binding protein. El-Baradi TT, et al. **Eur J Biochem** 1984 Oct 15; 144(2):393-400

Energy response of LiF (TLD-100) and CaSO4:Dy TL dosimeters to different diagnostic spectra. Servomaa AJ. **Eur J Radiol** 1985 Aug;5(3):236-9

Fibre diffraction of lithium DNA shows structural variability and deviation from a regular helical structure for the B-form. Dutta S, et al. **FEBS Lett** 1984 Oct 15;176(1):110-4

Lithium Information Center: The Lithium Library revisited. Greist JH, et al. **J Clin Psychiatry** 1985 Aug;46(8):327-31

Intrinsic dissolution of lithium carbonate in aqueous solutions. Wall BP, et al. **J Pharm Pharmacol** 1985 May;37(5):338-40

The Lithium Information Center: an efficient information service. Baudhuin MG, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:109-11

Lithiated compounds of biological and oncological interest. Allen EB, et al. **Prog Clin Biol Res** 1985;172B:311-9

Moderator effects on recoil tritium reactions with lithium beta-phenylpropionate. Oohashi K, et al. **Radioisotopes** 1984 Jul;33(7):444-8

ADMINISTRATION & DOSAGE

Predicting optimal lithium dose [letter] Dugas JE, et al. **Am J Psychiatry** 1985 Mar;142(3):398-9

Evaluation of two methods for predicting initial lithium dosage without measuring serum concentrations. Patrias JM, et al. **Clin Pharm** 1985 Jan-Feb;4(1):77-9

Accuracy and safety of a priori lithium loading. Kook KA, et al. **J Clin Psychiatry** 1985 Feb;46(2):49-51

Relationship between patient variables and lithium dosage requirements. Lesar TS, et al. **J Clin Psychiatry** 1985 Apr; 46(4):133-6

Prospective evaluation of two lithium maintenance dose schedules. Perry PJ, et al. **J Clin Psychopharmacol** 1984 Oct;4(5):242-6

Effects of systemically administered lithium on phosphoinositide metabolism in rat brain, kidney, and testis. Sherman WR, et al. **J Neurochem** 1985 Mar;44(3):798-807

How does the patient prefer his lithium treatment? Vestergaard P. **Pharmacopsychiatry** 1985 May;18(3):223-4

[The prediction of therapeutic dosage of lithium] Zhang MY. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):239-41 (Eng. Abstr.) **(Chi)**

[Renal clearance technic for individualizing lithium dosage in routine hospital care] Klinger E, et al. **Encephale** 1984; 10(5):223-30 (Eng. Abstr.) **(Fre)**

[Problems related to the stopping of antidepressive agents and lithium] Lôo H, et al. **Therapie** 1984 Jul-Aug; 39(4):403-10 (Eng. Abstr.) **(Fre)**

[Use of individual pharmacokinetic parameters in establishing a regimen for lithium administration] Pop RD, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Jul-Sep;29(3):223-7 **(Rum)**

[Use of lithium electrophoresis in the combined treatment of patients with rheumatoid arthritis and osteoarthrosis deformans] Petrov NM, et al. **Vrach Delo** 1984 Nov; (11):35-7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

A case of solute diuresis erroneously diagnosed as lithium-induced polyuria. Bendz H. **Acta Psychiatr Scand** 1985 Jan;71(1):92-3

Kidney function and quantitative histological changes in patients on long-term lithium therapy. Jørgensen F, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):455-62

Renal function in 153 manic-depressive patients treated with lithium for more than five years. Løkkegaard H, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):347-55

Lithium and the kidney. Waller DG, et al. **Adverse Drug React Acute Poisoning Rev** 1984 Summer; 3(2):65-89 (132 ref.)

Maternal lithium and neonatal Ebstein's anomaly: evaluation with cross-sectional echocardiography. Long WA, et al. **Am J Perinatol** 1984 Jan;1(2):182-4

Nonspecific stomatitis due to lithium therapy [letter] Bar Nathan EA, et al. **Am J Psychiatry** 1985 Sep;142(9):1126-7

Drug interactions and encephalopathy [letter] Ritvo JI. **Am J Psychiatry** 1985 May;142(5):661

Lithium-carbamazepine neurotoxicity and risk factors. Shukla S, et al. **Am J Psychiatry** 1984 Dec;141(12):1604-6

Lithium-induced visual hallucinations: evidence for possible opioid mediation [letter] Sandyk R, et al. **Ann Neurol** 1985 Jun;17(6):619-20

Piroxicam induced lithium toxicity [letter] Nadarajah J, et al. **Ann Rheum Dis** 1985 Jul;44(7):502

Lithium carbonate toxicity-induced cerebellar injury [letter] Lippmann S, et al. **Arch Neurol** 1985 Jun;42(6):515

The pattern of polyuria in relation to duration of lithium treatment. DePaulo JR Jr, et al. **Biol Psychiatry** 1984 Sep; 19(9):1345-9

Tardive dyskinesia in patients receiving lithium maintenance therapy. Perényi A, et al. **Biol Psychiatry** 1984 Nov; 19(11):1573-8

Persistent nephrogenic diabetes insipidus, hyperparathyroidism, and hypothyroidism after lithium treatment. Cairns SR, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):516-7

The question of lithium/neuroleptic toxicity. Jeffries J, et al. **Can J Psychiatry** 1984 Nov;29(7):601-4

First degree A-V block in patients on lithium carbonate. Martin CA, et al. **Can J Psychiatry** 1985 Mar;30(2):114-6

Nephrotic syndrome and renal failure secondary to lithium carbonate therapy [letter] Bear RA, et al. **Can Med Assoc J** 1985 Apr 1;132(7):735-7

Lithium causing a serious sinus-node dysfunction at therapeutic doses. Montalescot G, et al. **Clin Cardiol** 1984 Nov;7(11):617-20

Dyskinesias associated with lithium therapy in parkinsonism. Coffey CE, et al. **Clin Neuropharmacol** 1984;7(3):223-9

The effect of potassium on some nephrotoxic actions of lithium in rats. Olesen OV. **Dan Med Bull** 1984 Aug; 31(4):270-82 (95 ref.)

Chronic lithium intake and hyperparathyroidism. Prasad A. **Eur J Clin Pharmacol** 1984;27(4):499-500

Lithium intolerance disproved by blind clinical trial. Kellner CH, et al. **Hillside J Clin Psychiatry** 1985;7(1):82-7

A review of the hematologic side effects of lithium. Prakash R. **Hosp Community Psychiatry** 1985 Feb;36(2):127-8 (13 ref.)

Hair loss and lithium. Mortimer PS, et al. **Int J Dermatol** 1984 Nov;23(9):603-4

Direct evidence for a lithium-induced psoriasis syndrome. Alvarez WA, et al. **Int J Psychosom** 1984;31(4):21-2

Sudden death in cancer patients receiving lithium. Lyman GH, et al. **J Clin Oncol** 1984 Nov;2(11):1270-6

Lithium and carbamazepine [letter] Andrus PF. **J Clin Psychiatry** 1984 Dec;45(12):525

Lithium neurotoxicity in patients with degenerative brain disease [letter] Coffey CE, et al. **J Clin Psychiatry** 1985 Aug;46(8):354

Water intoxication associated with nephrogenic diabetes insipidus secondary to lithium: case report. De Soto MF, et al. **J Clin Psychiatry** 1985 Sep;46(9):402-3

Downbeat nystagmus as a side effect of lithium carbonate: case report. Gracia F, et al. **J Clin Psychiatry** 1985 Jul; 46(7):292-3

Elevated serum bromide in patients taking lithium carbonate. Handorf CR, et al. **J Clin Psychiatry** 1985 Jan;46(1):9-10

Non-lithium-induced renal failure with secondary lithium toxicity: case reports. Stern TA, et al. **J Clin Psychiatry** 1985 Jan;46(1):26-8

Lithium-induced neurotoxicity and irreversible brain damage: a possible mechanism and antidote [letter] West AP. **J Clin Psychiatry** 1985 Jul;46(7):300

Is there clinical evidence that lithium toxicity can induce myocarditis? Arana GW, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):364-5

Manic symptoms following addition of lithium to antidepressant treatment. Price LH, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):361-2

Pseudotumor cerebri secondary to lithium carbonate. Saul RF, et al. **JAMA** 1985 May 17;253(19):2869-70

Amiloride in the treatment of lithium-induced diabetes insipidus [letter] **N Engl J Med** 1985 Jun 13;312(24):1575-7

Amelioration of polyuria by amiloride in patients receiving long-term lithium therapy. Batlle DC, et al. **N Engl J Med** 1985 Feb 14;312(7):408-14

Malignant hypertension in a woman with previous chronic lithium nephrotoxicity [letter] Bailey RR, et al. **Nephron** 1984;38(4):276

Altered distribution of T lymphocyte subsets in lithium-treated patients. Wahlin A, et al. **Neuropsychobiology** 1984;11(4):243-6

Lithium adverse reactions in psychiatric patients. Paragas MG. **Pharmacol Biochem Behav** 1984;21 Suppl 1:65-9 (68 ref.)

A controlled study of cellular immune function in affective disorders before and during somatic therapy. Albrecht J, et al. **Psychiatry Res** 1985 Jul;15(3):185–93

Respiratory failure and lithium [letter] Wolpert E, et al. **Psychiatry Res** 1985 Jul;15(3):249–52

Side-effects of lithium at lower therapeutic levels: the significance of thirst. King JR, et al. **Psychol Med** 1985 May;15(2):355–61

A prospective study of the effects of lithium on thyroid function and on the prevalence of antithyroid antibodies. Myers DH, et al. **Psychol Med** 1985 Feb;15(1):55–61

Investigating renal function during lithium treatment. Waller DG, et al. **Psychol Med** 1985 May;15(2):369–75

A prospective study of lithium-induced nephropathy: preliminary results. Amsterdam JD, et al. **Psychopharmacol Bull** 1985;21(1):81–4

Identifying depression secondary to lithium-induced hypothyroidism. Sternbach HA, et al. **Psychosomatics** 1984 Nov;25(11):864–6

Increased leucocyte alkaline phosphatase and transcobalamin III in chronic myeloid leukaemia associated with lithium therapy. Moreb J, et al. **Scand J Haematol** 1985 Mar;34(3):238–41

Seizures activated by therapeutic levels of lithium carbonate. Massey EW, et al. **South Med J** 1984 Sep;77(9):1173–5

Neurological sequelae of lithium therapy. Mahy Ge. **West Indian Med J** 1984 Dec;33(4):272–4

[Psoriasis as side effect of lithium carbonate treatment--a case report] Lin HN, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct;83(10):1064–7 (Eng. Abstr.) **(Chi)**

[Lithium and pregnancy; psychiatric aspects] van Gent EM, et al. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2089–92 (Eng. Abstr.) **(Dut)**

[Lithium and pregnancy; recommended guidelines] van Haaften M, et al. **Ned Tijdschr Geneeskd** 1984 Nov 3;128(44):2103–5 **(Dut)**

[Drug eruptions caused by lithium salts] Lambert D, et al. **Ann Med Interne (Paris)** 1984;135(8):637–8 (Eng. Abstr.) **(Fre)**

[Drug interactions of lithium. Review of the literature] Gay C, et al. **Encephale** 1984;10(6):247–58 (236 ref.) (Eng. Abstr.) **(Fre)**

[Optic neuritis from lithium?] Gousset DM, et al. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):273–6 (Eng. Abstr.) **(Fre)**

[Undesirable skin reactions to lithium] Albrecht G. **Hautarzt** 1985 Feb;36(2):77–82 (40 ref.) (Eng. Abstr.) **(Ger)**

[Organic psychosyndrome with and without lithium therapy] Schöny W, et al. **Wien Med Wochenschr** 1985 Jun 15;135(11):281–4 (Eng. Abstr.) **(Ger)**

[Lithium induced sinus node dysfunction] Shigenobu M, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):818–22 **(Jpn)**

[Thyroid function in patients treated with lithium carbonate] Lucas A, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):280–2 (Eng. Abstr.) **(Spa)**

[Plasma values of arginine vasopressin in patients treated with lithium carbonate] Lucas A, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):276–9 (Eng. Abstr.) **(Spa)**

[Nephrotic syndrome associated with lithium therapy (letter)] Rodríguez Jornet A, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):125 **(Spa)**

ANALYSIS

Matrix modifiers in graphite furnace atomic absorption analysis of trace lithium in biological fluids. Trapp GA. **Anal Biochem** 1985 Jul;148(1):127–32

Determination of lithium, rubidium and strontium in foodstuffs. Evans WH, et al. **Analyst** 1985 Jun;110(6):619–23

Lithium-selective polymeric membrane electrodes based on dodecylmethyl-14-crown-4. Kitazawa S, et al. **Analyst** 1985 Mar;110(3):295–9

Automated determinations of K+ and Li+ with a microprocessor-controlled flame photometer [letter] Soltero RA. **Clin Chem** 1985 Jun;31(6):1094

Lithium, sodium, potassium and rubidium cation concentrations during the development of certain organs of unborn rabbits. Palavinskas R, et al. **Comp Biochem Physiol [A]** 1984;79(1):77–80

Tear lithium concentration [letter] Brenner R, et al. **J Clin Psychiatry** 1985 Apr;46(4):150

Saliva lithium. Too variable for significant plasma level correlations. Lippmann S, et al. **J Ky Med Assoc** 1984 Sep;82(9):451–4

[Lithium levels in biological media and treatment surveillance] Greffe J, et al. **Encephale** 1985 Mar–Apr;11(2):79–83 (Eng. Abstr.) **(Fre)**

BLOOD

Decreased serum lithium during verapamil therapy. Weinrauch LA, et al. **Am Heart J** 1984 Nov;108(5):1378–80

Plasma lithium level and interepisode functioning in bipolar disorder. Goodnick PJ, et al. **Am J Psychiatry** 1985 Jun;142(6):761–2

Characterization and prediction of lithium blood levels and clearances. Swartz CM, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1154–8

Erythrocyte Lii-Nao countertransport system. Inhibition by N-ethylmaleimide probes for a conformational change of the transport system. Levy R, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):157–66

Mixture distributions in psychiatric research. Gibbons RD, et al. **Biol Psychiatry** 1984 Jul;19(7):935–61

Red-cell lithium transport and affective disorders in a multigeneration pedigree: evidence for genetic transmission of affective disorders. Shaughnessy R, et al. **Biol Psychiatry** 1985 Apr;20(4):451–4

Lithium in prophylactic therapy of manic-depressive illness: biochemical correlates of response. Upadhyaya AK, et al. **Biol Psychiatry** 1985 Feb;20(2):202–5

Hemodialysis does not affect erythrocyte sodium-lithium countertransport. Smith JB, et al. **Clin Chim Acta** 1984 Nov 30;143(3):275–9

Effect of magnesium on passive fluxes of lithium in the human erythrocyte. Wiley JS, et al. **Clin Exp Pharmacol Physiol** 1985 May–Jun;12(3):311–4

Evaluation of cisplatin-lithium interaction. Pietruszka LJ, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):31–2

Exogenous factors influencing the human erythrocyte sodium-lithium countertransport system. Beuckelmann D, et al. **Eur J Clin Invest** 1984 Oct;14(5):392–7

Erythrocyte lithium transport changes induced by deoxycorticosterone acetate treatment in pigs. Weder AB, et al. **Hypertension** 1985 Jul–Aug;7(4):541–6

A pharmacokinetic approach to the study of cell membrane lithium transport in vivo. Mallinger AG, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):78–82

Blood pressure and sodium-lithium countertransport: findings in population-based surveys. Cooper R, et al. **J Hypertens** 1984 Oct;2(5):467–71

The Li-Na exchange in red cells of essential hypertensive patients with low Na-K cotransport. Dagher G, et al. **J Hypertens** 1984 Apr;2(2):195–201

Red cell cation transport: differences between black and white school children. Trevisan M, et al. **J Hypertens** 1983 Oct;1(3):245–9

Na+-Li+ countertransport in human erythrocytes--effects of hypokalaemia, oral contraceptives and antihypertensive medication. Beuckelmann D, et al. **Klin Wochenschr** 1985;63 Suppl 3:139–42

Peripheral effects of thyroid hormones: alteration of intracellular Na-concentration, ouabain-sensitive Na-transport, and Na-Li countertransport in human red blood cells. Sütterlin U, et al. **Klin Wochenschr** 1984 Jun 15;62(12):598–601

Poor response when laboratory recommended range for serum lithium is changed [letter] Masterton G, et al. **Lancet** 1985 Apr 27;1(8435):981

Elevation of red cell sodium-lithium countertransport in hyperlipidemias. Corrocher R, et al. **Life Sci** 1985 Feb 18;36(7):649–55

Perturbation of sodium-lithium countertransport in red cells [letter] Beuckelmann D, et al. **N Engl J Med** 1985 May 2;312(18):1193–4

Erythrocyte lithium transport in bipolar affective disorders. The effect of membrane transport inhibitors. Werstiuk ES, et al. **Neuropsychobiology** 1984;12(2–3):86–92

Erythrocyte differentiation of naturally occurring isotopic lithium abundances. Lieberman KW, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):145–6

The role of the genetics of sodium lithium countertransport in the determination of blood pressure variability in the population at large. Boerwinkle E, et al. **Prog Clin Biol Res** 1984;165:479–507

Lithium transport in red cells of patients with affective disorders. Pandey GN, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4–6):547–55

Serum lithium minimum and diuresis. Mellerup ET, et al. **Psychiatry Res** 1985 Apr;14(4):309–13

Erythrocyte lithium efflux in bipolar patients and control subjects: the question of reproducibility. Werstiuk ES, et al. **Psychiatry Res** 1984 Oct;13(2):175–85

[Compartmental analysis of 6Li/7Li isotope exchange in equilibrium conditions in mouse plasma] Heurteaux C, et al. **C R Acad Sci [III]** 1985;300(14):529–34 (Eng. Abstr.) **(Fre)**

[Membrane transport of sodium and lithium ions and arterial hypertension] Borowska A, et al. **Przegl Lek** 1984;41(11):661–5 (33 ref.) **(Pol)**

[Lithium content of the blood in persons from different regions of the USSR] Fleishman DG, et al. **Dokl Akad Nauk SSSR** 1984;279(3):758–61 **(Rus)**

HISTORY

Lithium and Wisconsin--a medicinal trip through history. Redmann B, et al. **Wis Med J** 1985 Jan;84(1):23–6

METABOLISM

Effects of acute and short-time antibiotic treatment on renal lithium elimination and serum lithium levels in the rat. Lassen E. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):273–7

Familial aggregation of red blood cell cation transport systems in Japanese families. Kagamimori S, et al. **Am J Epidemiol** 1985 Sep;122(3):386–90

Renal lithium clearance as a measure of the delivery of water and sodium from the proximal tubule in humans. Thomsen K, et al. **Am J Med Sci** 1984 Nov;288(4):158–61

Multinuclear magnetic resonance studies of metal ion binding sites of phosphoglucomutase. Rhyu GI, et al. **Biochemistry** 1985 May 7;24(10):2536–41

Lithium incorporation in the fibroblasts of manic-depressives. Breslow RE, et al. **Biol Psychiatry** 1985 Jan;20(1):58–65

Salivary lithium: a trial of Selinger's method in Sri Lanka. Richardson RE, et al. **Biol Psychiatry** 1984 Jul;19(7):1129–32

Lithium transport across squid axon membrane. Ehrlich BE, et al. **Brain Res** 1984 Oct 8;311(1):141–3

Effect of acute alcohol consumption on lithium kinetics. Anton RF, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):52–5

Single dose pharmacokinetics of a controlled release lithium preparation 'Liskonum' in African patients suffering from manic depressive psychosis. Mengech HN, et al. **East Afr Med J** 1984 Apr;61(4):321–5

Effect of exercise on cation transport in human red cells. Adragna NC, et al. **Hypertension** 1985 Jan–Feb;7(1):132–9

Effect of dietary sodium reduction on red blood cell sodium concentration and sodium-lithium countertransport. Cooper R, et al. **Hypertension** 1984 Sep–Oct;6(5):731–5

Variation in the relationship between serum and saliva lithium levels. Sankaranarayanan A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):365–6

The influence of mania and depression on the pharmacokinetics of lithium. A longitudinal single-case study. Kukopoulos A, et al. **J Affective Disord** 1985 Mar–Apr;8(2):159–66

Na+ (Li+)-proline cotransport in Escherichia coli. Chen CC, et al. **J Membr Biol** 1985;84(2):157–64

Cellular lithium uptake as a probe of sodium channels in the rat heart: modulation of lithium uptake by tetrodotoxin, verapamil, anthopleurin-A, isoproterenol and external stimulation. Hunter DR, et al. **J Mol Cell Cardiol** 1984 Dec;16(12):1083–90

Ab initio molecular orbital study of the interaction of Li+, Na+ and K+ with the pore components of ion channels: consideration of the size, structure and selectivity of the pore of the channels. Nagata C, et al. **J Theor Biol** 1984 Oct 21;110(4):569–85

Lithium, rubidium and cesium: cerebral pharmacokinetics and alcohol interactions. Messiha FS. **Pharmacol Biochem Behav** 1984;21 Suppl 1:87–92

[Bioaccumulation of lithium by marine organisms in European, American, and Asian coastal zones: microanalytic study using secondary ion emission] Chassard-Bouchaud C, et al. **C R Acad Sci [III]** 1984;299(18):719–24 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Effect of lithium on renal gluconeogenesis. Stepiński J, et al. **Acta Biochim Pol** 1984;31(2):229–40

Inhibition of 2-oxoglutarate metabolism by lithium in the isolated rat kidney cortex tubules. Stepiński J, et al. **Acta Biochim Pol** 1984;31(2):241–9

ECG changes during lithium therapy. A prospective study. Bucht G, et al. **Acta Med Scand** 1984;216(1):101–4

Ocular effects of oral lithium in humans. Kaufman PL, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):327–32

Effects of lithium and antidepressant treatment on neurotransmitter receptors. International Symposium on the Neuropharmacology of Manic-Depressive Illness. Copenhagen, June 20–22, 1983. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:1–218

The effect of lithium in vitro and in vivo on dopamine-sensitive adenylate cyclase activity in dopaminergic areas of the rat brain. Geisler A, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Jan;56(1):1–5

Influence of lithium in vitro and in vivo on the catecholamine-sensitive cerebral adenylate cyclase systems. Geisler A, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:80–97

A comparison of lithium effects on human brain and rat brain noradrenaline-sensitive adenylate cyclase. Klein E, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:15–20

Effects of lithium and antidepressant treatment on neurotransmitter receptors. Introduction. Schou M. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:11–4

Effects of lithium and antidepressants on electrophysiological and biochemical processes in the CNS. Schultz JE, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:43–54

Lithium, animal behavior and monoamines: five questions and possible ways of answering them. Smith DF. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:198–202

Opioid peptides and receptors in relation to affective illness. Effects of desipramine and lithium on opioid receptors in rat brain. Stengaard-Pedersen K, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:170–9

Influence of lithium on biliary electrolyte and bile acid excretion in young and adult rats. Kersten L, et al. **Acta Physiol Hung** 1985;65(2):129–35

Effects of histamine and H1 and H2-receptor antagonists on the wet-dog-shaking episodes in rats induced with lithium chloride. Rajtar G, et al. **Acta Physiol Pol** 1984 Mar–Apr;35(2):131–5

RBC-choline: changes by lithium and relation to prophylactic response. Haag M, et al. **Acta Psychiatr Scand** 1984 Oct;70(4):389–99

Glomerular filtration rate during lithium therapy. A longitudinal study. Jensen SB, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):235–8

Ability of lithium to accelerate the recovery of granulopoiesis after subacute radiation injury. Gallicchio VS, et al. **Acta Radiol [Oncol]** 1984;23(5):361–6

Modification of urinary potassium secretion following lithium in rats of different ages. Kersten L, et al. **Agressologie** 1985 Mar;26(3):253-6

RBC choline and renal disorders during lithium treatment. Gutterman DF, et al. **Am J Psychiatry** 1985 Apr; 142(4):493-5

Lithium, CNS serotonergic tone, and intoxication [letter] Zucker DK, et al. **Am J Psychiatry** 1985 Jul;142(7):886-7

Effect of LiCl on differentiation of mouse embryos beyond the blastocyst stage. Fernández MS, et al. **Arch Biol Med Exp (Santiago)** 1983 Aug;16(1):51-4

Pharmacologic evidence for specificity of pursuit dysfunction to schizophrenia. Lithium carbonate associated with abnormal pursuit. Levy DL, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):335-41

Decreased myeloperoxidase activity of mice polymorphonuclear leukocytes by lithium carbonate treatment. Gómez-Estrada H, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):287-91 **(Eng, Spa)**

Effects of lithium, diazepam and propranolol on brain Na+-K+-ATPase activity in stress-exposed mice. Eroğlu L, et al. **Arzneimittelforsch** 1984;34(7):762-3

Behavioral conditioned responses across multiple conditioning/testing trials elicited by lithium- and amphetamine-paired flavors. Parker LA. **Behav Neural Biol** 1984 Jul;41(2):190-9

The interaction of lithium with thyrotropin-releasing hormone-stimulated lipid metabolism in GH3 pituitary tumour cells. Enhancement of stimulated 1,2-diacylglycerol formation. Drummond AH, et al. **Biochem J** 1984 Nov 15;224(1):129-36

Accumulation of the inositol phosphates in thrombin-stimulated, washed rabbit platelets in the presence of lithium. Vickers JD, et al. **Biochem J** 1984 Dec 1;224(2):399-405

Salt-dependent structural changes of neurohormones: lithium ions induce conformational rearrangements of ocytocin to a vasopressin-like structure. Rholam M, et al. **Biochemistry** 1985 Jun 18;24(13):3345-9

The role of calcium in stimulation of sugar transport in muscle by lithium. Bigornia L, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):197-207

Lithium's effects on muscarinic receptor binding parameters: a relationship to therapeutic efficacy? Dilsaver SC. **Biol Psychiatry** 1984 Nov;19(11):1551-65 (64 ref.)

Lithium stimulation of granulopoiesis in diffusion chambers--a model of a humoral, indirect stimulation of stem cell proliferation. Doukas MA, et al. **Blood** 1985 Jan; 65(1):163-8

Neuroleptics, lithium and renal function. Waller DG, et al. **Br J Psychiatry** 1985 May;146:510-4

Li+ and sickling of homozygous HbS cells [letter] Abraham DJ, et al. **Clin Chem** 1985 Apr;31(4):649-50

Differences in lithium effects in depressed and healthy subjects. Rudorfer MV, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):66-71

The effect of lithium carbonate administration on growth in the domestic fowl. Lozanoff S, et al. **Growth** 1985 Spring; 49(1):91-104

Lithium-induced changes in brain amino acids, alpha-ketoacids & transaminases. Khan SA, et al. **Indian J Med Res** 1984 Apr;79:514-9

Genesis of lithium-induced T wave flattening. Mittal SR, et al. **Int J Cardiol** 1985 Feb;7(2):164-6

Lithium-stimulated recovery of granulopoiesis after sublethal irradiation is not mediated via increased levels of colony stimulating factor (CSF). Gallicchio VS, et al. **Int J Radiat Biol** 1985 May;47(5):581-90

Platelet accumulation of histamine in controls, depressed and lithium-treated patients. Wood K, et al. **J Affective Disord** 1984 Oct;7(2):149-58

Escherichia coli mutants possessing an Li+-resistant melibiose carrier. Shiota S, et al. **J Bacteriol** 1985 Apr; 162(1):106-9

Inhibitory effect of Li+ on cell growth and pyruvate kinase activity of Escherichia coli. Umeda K, et al. **J Bacteriol** 1984 Nov;160(2):812-4

Lithium ion inhibits nerve growth factor-induced neurite outgrowth and phosphorylation of nerve growth factor-modulated microtubule-associated proteins. Burstein DE, et al. **J Cell Biol** 1985 Sep;101(3):862-70

Theophylline-lithium interaction. Cook BL, et al. **J Clin Psychiatry** 1985 Jul;46(7):278-9

Platelet monoamine oxidase response to lithium treatment in psychiatric patients. Huang LG, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):326-31

Lithium attenuates the active transport of calcium in the larva of Aëdes aegypti. Barkai AI, et al. **J Exp Biol** 1984 Jul; 111:247-51

Circulating T-cell subpopulations in lithium-associated granulocytosis. Crockard AD, et al. **J Immunopharmacol** 1984;6(3):215-26

The effect of acute lithium administration on brain monoamine synthesis and the precursor amino acids tyrosine and tryptophan in brain and plasma in rats. Berggren U. **J Neural Transm** 1985;61(3-4):175-81

Fenfluramine stimulation of serum cortisol in patients with major affective disorders and healthy controls: further evidence for a central serotonergic action of lithium in man. Mühlbauer HD, et al. **J Neural Transm** 1985;61(1-2):81-94

Denervation supersensitivity of the rat pineal to norepinephrine-stimulated [3H]inositide turnover revealed by lithium and a convenient procedure. Zatz M. **J Neurochem** 1985 Jul;45(1):95-100

The effect of lithium on choline transport in human erythrocytes. Uney JB, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):229-33

Chronic lithium prevents REM sleep deprivation-induced increased responsiveness to apomorphine. das Chagas Rodrigues F, et al. **J Pharm Pharmacol** 1985 Mar; 37(3):210-1

Influence of chronic lithium administration on binding to benzodiazepine- and histamine H1-receptors in rat brain. Reilly MA, et al. **J Recept Res** 1983-84;3(6):703-10

Evidence for in vivo effect of lithium on p-aminohippurate transport in rat kidney, preliminary study. Sugihara K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):127-32

Investigation of the influence of lithium upon the down-regulation of serotonin2 receptors in rat frontal cortex induced by long-term treatment with dibenzepin, an antidepressant without appreciable affinity to serotonin2 receptors. Closse A, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Jul; 326(4):291-3

Effects of acute oral administration of lithium compounds on multiple schedule performance in rats. Chrislip DW, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):39-42

Effects of lithium in vitro on noradrenaline-induced cyclic AMP accumulation in rat cortical slices after reserpine-induced supersensitivity. Newman ME, et al. **Neuropharmacology** 1985 Apr;24(4):353-5

Comparison of the changes in central catecholamine systems following short- and long-term lithium treatment and the consequences of lithium withdrawal. Ahluwalia P, et al. **Neuropsychobiology** 1984;12(4):217-23

Lithium inhibition of forskolin-stimulated adenylate cyclase. Andersen PH, et al. **Neuropsychobiology** 1984;12(1):1-3

Combined specific pathogenetic treatment of the stereotyped behavior syndrome (experimental study). Kryzhanovskii GN, et al. **Neurosci Behav Physiol** 1984 Nov-Dec; 14(6):465-70

Mechanisms of the central action of lithium. Sinitskii VN, et al. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):81-8

Lithium slows neuronal calcium regulation in the snail Helix pomatia. Aldenhoff JB, et al. **Neurosci Lett** 1985 Feb 28; 54(1):103-8

Lithium effects on position learning with exploratory and aversive goal-box conditions. Hines G. **Pharmacol Biochem Behav** 1985 May;22(5):695-8

Modulation of nitrogen dioxide toxicity by lithium. Messiha FS, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:93-7

Inhibition of isolation-induced changes in aminergic transmission by chronic lithium treatment. Oehler J, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):181-4

Effects of chronic lithium, amitriptyline and mianserin on glucoregulation, corticosterone and energy balance in the rat. Storlien LH, et al. **Pharmacol Biochem Behav** 1985 Jan; 22(1):119-25

Effects of chronic LiCl and RbCl on muricide induced by midbrain raphe lesions in rats. Yamamoto T, et al. **Pharmacol Biochem Behav** 1985 Apr;22(4):559-63

Lithium induces corticotropin secretion and desensitization in cultured anterior pituitary cells. Zatz M, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1286-90

The effects of chronic lithium on the EEG and locomotor response to drug challenge in rats. Ehlers CL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):133-42

Effects of lithium, nortriptyline and dexamethasone on insulin sensitivity. Grof E, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):687-90

Differential effects of carbamazepine and lithium on sensitization and kindling. Post RM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(3):425-34

Lithium and melatonin in pigmented eye rats: effects of dose and time of day. Seggie J, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):733-6

Combined lithium and valproate treatment and subsequent withdrawal: serotonergic mechanism of their interaction in discrete brain regions. Shukla GS. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):153-6

Lithium in pigmented eye rats: effects of dose and time of day on drinking, body weight, retinal and blood distribution. Werstiuk ES, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):765-8

Lithium affects EOG in humans [letter] Emrich HM, et al. **Psychiatry Res** 1984 Dec;13(4):355-7

Influence of housing conditions and state of partner on conditioning and extinction of taste aversion to lithium and chlorpromazine. Giardini V. **Psychopharmacology (Berlin)** 1985;86(1-2):96-101

Lithium ions inhibit function of low- but not high-affinity muscarinic receptors of murine neuroblastoma cells (clone N1E-115). Kanba S, et al. **Psychopharmacology (Berlin)** 1985;86(4):413-6

The behavioral and biochemical effects of lithium on dopaminergic agonist-induced supersensitivity. Rubin EH, et al. **Psychopharmacology (Berlin)** 1984;84(2):217-20

Cognitive effects of lithium treatment in normal volunteers. Weingartner H, et al. **Psychopharmacology (Berlin)** 1985; 86(4):472-4

Influence of GABA mimetics and lithium on biochemical manifestations of striatal dopamine target cell hypersensitivity. Scatton B, et al. **Psychopharmacology [Suppl]** 1985;2:39-45

Inhibitory effect on lithium on p-aminohippurate transport in rat kidney cortex in vitro. Gemba M, et al. **Renal Physiol** 1985;8(3):179-88

Correlation between distal nephron enzyme activity, structure and function in rats during lithium and lithium plus neuroleptic treatment. Nørgaard T, et al. **Renal Physiol** 1985;8(1):50-61

Effect of separate and combined treatment with chlorpromazine and lithium on mouse liver alcohol and aldehyde dehydrogenase. Messiha FS. **Vet Hum Toxicol** 1984;26 Suppl 2:38-40

[Psychomotor excitation caused by beta-endorphin: effect of rubidium and lithium] Beleslin DB, et al. **C R Soc Biol (Paris)** 1984;178(4):387-91 (Eng. Abstr.) **(Fre)**

[Influence of lithium on magnesium levels in the plasma, erythrocytes and brain of rats] Scotto di Tella AM, et al. **Encephale** 1984;10(6):273-7 (Eng. Abstr.) **(Fre)**

[Changes in cerebral calcium, sodium and potassium after single or repeated administration of lithium in the rat] Scotto di Tella AM, et al. **Encephale** 1985 Mar-Apr; 11(2):53-6 (Eng. Abstr.) **(Fre)**

[Effect of lithium on the proliferation of fibroblasts and tumor cell lines in vitro] Bruchelt G, et al. **Klin Padiatr** 1985 May-Jun;197(3):249-52 (Eng. Abstr.) **(Ger)**

[Effect of lithium carbonate on the leukocyte count after exposure to ionizing radiation. 2. Influence of lithium carbonate on the leukocyte ratio in peripheral blood] Rose H, et al. **Radiobiol Radiother (Berl)** 1985;26(1):103-7 (Eng. Abstr.) **(Ger)**

[Effect of lithium carbonate on the leukocyte count after exposure to ionizing radiation. 3. Influence of lithium carbonate on the leukocyte count in peripheral blood following fractionated caudal half-body irradiation] Rose H, et al. **Radiobiol Radiother (Berl)** 1985;26(1):109-11 (Eng. Abstr.) **(Ger)**

[Stimulation of granulopoiesis and neutrophil chemotaxis with lithium salts in children undergoing antineoplastic chemotherapy] Castello MA, et al. **Clin Ter** 1984 Oct 15; 111(1):45-52 (Eng. Abstr.) **(Ita)**

[Effect of lithium chloride on thyroid structural elements in the rat and on the balance of calcitropic hormones] Petrov NM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):711-3 (Eng. Abstr.) **(Rus)**

[Combined action of lithium salts and serotonin on the caudate nucleus] Zamoshchina TA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):191-3 (Eng. Abstr.) **(Rus)**

[Lithium valproate: its neuropharmacological spectrum and effect on transmitter amino acid content of the brain of rats] Kharlamov AN, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):11-5 (Eng. Abstr.) **(Rus)**

[Influence of lithium carbonate on the effects of the natriuretic factor] Kosuba RB, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):15-8 (Eng. Abstr.) **(Rus)**

POISONING

Long-lasting neurological sequelae after lithium intoxication. Schou M. **Acta Psychiatr Scand** 1984 Dec;70(6):594-602

Severe leucopenia in fatal lithium poisoning. Green ST, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):517

Indomethacin treatment in a patient with lithium-induced polyuria. ter Wee PM, et al. **Intensive Care Med** 1985; 11(2):103-4

Brain glycine levels following lithium toxicity: case report. Stanley M, et al. **J Clin Psychiatry** 1985 Jun;46(6):239

Diuretic-induced lithium toxicity presenting as mania. Nurnberger JI Jr. **J Nerv Ment Dis** 1985 May;173(5):316-8

Lithium intoxication associated with acute renal failure. Fenves AZ, et al. **South Med J** 1984 Nov;77(11):1472-4

[Fatal lithium poisoning] Devos C, et al. **Arch Belg** 1984; 42(9-10):482-91 (Eng. Abstr.) **(Dut)**

[Poisoning by lithium combined with neuroleptics] Le Guern G, et al. **Cah Anesthesiol** 1982 Nov;30(7):955-7 **(Fre)**

[A case of mixed lithium and phenothiazine poisoning with a fatal outcome] Cavaliere F, et al. **Recenti Prog Med** 1984 Oct;75(10):877-82 (Eng. Abstr.) **(Ita)**

[Poisoning with lithium salts. Presentation of a case] Grau Segura E, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):294-6 (Eng. Abstr.) **(Spa)**

[Toxic myopathy caused by lithium carbonate: apropos of a case (letter)] Massons J, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):469-70 **(Spa)**

[Poisoning caused by lithium salts (letter)] Pérez Martínez JM, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):500 **(Spa)**

THERAPEUTIC USE

Effects of lithium carbonate on leukocyte functions in chronic benign neutropenia. Carulli G, et al. **Acta Haematol (Basel)** 1984;72(6):408-12

Health attitudes and psychological distress in patients attending a lithium clinic. Fava GA, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):591-3

Clinical and laboratory effects of discontinuation of lithium prophylaxis. Goodnick PJ. **Acta Psychiatr Scand** 1985 Jun; 71(6):608-14

Effectiveness of lithium prophylaxis in schizoaffective psychoses: application of a polydiagnostic approach. Maj M. **Acta Psychiatr Scand** 1984 Sep;70(3):228-34

Long-term lithium treatment. Some clinical, psychological and biological aspects. Smigan L. **Acta Psychiatr Scand** 1985 Feb;71(2):160-70

Prophylactic efficacy of lithium and its effective plasma levels in Chinese bipolar patients. Yang YY. **Acta Psychiatr Scand** 1985 Feb;71(2):171-5

Effects of long-term lithium treatment on prolactin regulation. Grof E, et al. **Adv Biochem Psychopharmacol** 1985;40:81-7

Response to lithium prophylaxis in schizoaffective psychoses. Kemali D, et al. **Adv Biochem Psychopharmacol** 1985; 40:153-8

Research overview of drug therapy in recurrent and chronic depression. Prien RF. **Adv Biochem Psychopharmacol** 1985; 40:121-30

Practical problems of lithium maintenance treatment. Schou M. **Adv Biochem Psychopharmacol** 1985;40:131-8

Mood disorders [editorial] **Am Fam Physician** 1984 Dec; 30(6):99, 102

NIMH/NIH Consensus Development Conference statement. Mood disorders: pharmacologic prevention of recurrences. Consensus Development Panel. **Am J Psychiatry** 1985 Apr; 142(4):469-76

Rapid response to the addition of lithium in iprindole-resistant unipolar depression: a pilot study. de Montigny C, et al. **Am J Psychiatry** 1985 Feb;142(2):220-3

Lithium as an adjunct treatment in obsessive-compulsive disorder [letter] Eisenberg J, et al. **Am J Psychiatry** 1985 May;142(5):663

Treatment of bulimia with lithium. Hsu LK. **Am J Psychiatry** 1984 Oct;141(10):1260-2

Biochemical RBC abnormalities in drug-free and lithium-treated manic patients. Jope RS, et al. **Am J Psychiatry** 1985 Mar;142(3):356-8

Lithium antagonizes ethanol intoxication in alcoholics. Judd LL, et al. **Am J Psychiatry** 1984 Dec;141(12):1517-21

A lithium-tricyclic combination for treatment of depression [letter] Pande AD, et al. **Am J Psychiatry** 1985 Oct; 142(10):1228-9

Efficacy of lithium-tranylcypromine treatment in refractory depression. Price LH, et al. **Am J Psychiatry** 1985 May; 142(5):619-23

Lithium and tryptophan augmentation in clomipramine-resistant obsessive-compulsive disorder. Rasmussen SA. **Am J Psychiatry** 1984 Oct;141(10):1283-5

Case report of de Clerembault syndrome, bipolar affective disorder, and response to lithium. Remington G, et al. **Am J Psychiatry** 1984 Oct;141(10):1285-7

Can lithium carbonate prolong the antidepressant effect of sleep deprivation? [letter] Baxter LR Jr. **Arch Gen Psychiatry** 1985 Jun;42(6):635

Drug therapy in the prevention of recurrences in unipolar and bipolar affective disorders. Report of the NIMH Collaborative Study Group comparing lithium carbonate, imipramine, and a lithium carbonate-imipramine combination. Prien RF, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1096-104

Solubility of lithium salts in organic solvents [letter] Faull KF, et al. **Biol Psychiatry** 1985 Apr;20(4):461

Mood response to methylphenidate and the Dexamethasone Suppression Test as predictors of treatment response to zimelidine and lithium in major depression. Joyce PR. **Biol Psychiatry** 1985 Jun;20(6):598-604

The effect of haloperidol on serum levels of lithium in adult manic patients. Schaffer CB, et al. **Biol Psychiatry** 1984 Oct;19(10):1495-9

Lithium in pregnancy--avoidance of toxicity. A case report. Kaufman KR, et al. **Biol Res Pregnancy Perinatol** 1985; 6(2):55-8

The use of lithium in severely demented patients with behavioural disturbance [letter] Holton A, et al. **Br J Psychiatry** 1985 Jan;146:99-100

The impact of lithium in South-West Scotland. III. The discontinuation of lithium. McCreadie RG, et al. **Br J Psychiatry** 1985 Jan;146:77-80

The impact of lithium in South-west Scotland. I. Demographic and clinical findings. McCreadie RG, et al. **Br J Psychiatry** 1985 Jan;146:70-4

The impact of lithium in South-west Scotland. II. A longitudinal study. Morrison DP, et al. **Br J Psychiatry** 1985 Jan;146:74-7

Mortality of a lithium-treated population. Norton B, et al. **Br J Psychiatry** 1984 Sep;145:277-82

Changes in the diagnoses of the functional psychoses associated with the introduction of lithium. Parker G, et al. **Br J Psychiatry** 1985 Apr;146:377-82

Cluster headache: clinical efficacy of lithium salts in a haemodialysis treated patient. Zuddas A, et al. **Cephalalgia** 1985 Jun;5(2):95-8

The role of lithium carbonate in the management of hemolymphoblastosis: estimation of plasmatic and erythrocyte lithium levels. Fanci R, et al. **Chemioterapia** 1985 Jun;4(3):260-4

Medullary thyroid carcinoma with radioiodide transport. Effects of iodine-131 therapy and lithium administration. Michael BE, et al. **Clin Nucl Med** 1985 Apr;10(4):274-9

Consensus development summaries. Mood disorders: pharmacologic prevention of recurrences. National Institutes of Health. **Conn Med** 1985 Mar;49(3):157-63

The effect of sulindac on lithium therapy. Furnell MM, et al. **Drug Intell Clin Pharm** 1985 May;19(5):374-6

Relationship between HLA system in cluster headache and clinical response to lithium therapy. Giacovazzo M, et al. **Headache** 1985 Jul;25(5):268-70

Lithium and lecithin treatment in Alzheimer's disease: a pilot study. Randels PM, et al. **Hillside J Clin Psychiatry** 1984; 6(2):139-47

NIMH report. Five-center study clarifies use of lithium, imipramine for recurrent affective disorders. Prien RF. **Hosp Community Psychiatry** 1984 Nov;35(11):1097-8

NIMH report. Conference recommends pharmacologic prevention of recurring mood disorders. Runck B. **Hosp Community Psychiatry** 1984 Sep;35(9):871-3

Mood disorders: pharmacologic prevention of recurrences. A National Institutes of Health consensus report synopsis. Hull RH. **Indiana Med** 1985 Jan;78(1):36-7

Slow-release lithium in treatment of schizoaffective syndromes. Romeo R, et al. **Int J Clin Pharmacol Res** 1985; 5(3):205-11

Vasoactive intestinal peptide and bipolar affective illness. Evidence for an effect of lithium. Berrettini WH, et al. **J Affective Disord** 1985 Jan-Feb;8(1):55-9

Lithium prophylaxis of recurrent affective disorders. Glen AI. **J Affective Disord** 1985 May-Jun;8(3):259-65

Lithium dosage in the elderly. A study with matched age groups. Greil W, et al. **J Affective Disord** 1985 Jul;9(1):1-4

Mania. Diagnosis, state measurement and prediction of treatment response. Secunda SK, et al. **J Affective Disord** 1985 Mar-Apr;8(2):113-21

Lithium in the treatment of mania. Tyrer SP. **J Affective Disord** 1985 May-Jun;8(3):251-7

Apparent supersensitivity of platelet 5-HT receptors in lithium-treated patients. Wood K, et al. **J Affective Disord** 1985 Jan-Feb;8(1):69-72

The neurochemistry of mania. The effect of lithium on catecholamines, indoleamines and calcium mobilization. Wood K. **J Affective Disord** 1985 May-Jun;8(3):215-23

Severe prolonged catatonia with associated flushing reaction responsive to lithium carbonate. Pheterson AD, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):235-7

Evaluation of lithium therapy for alcoholism. Fawcett J, et al. **J Clin Psychiatry** 1984 Dec;45(12):494-9

The long-term management of bipolar disorders with lithium, carbamazepine, and antidepressants. Fawcett J, et al. **J Clin Psychiatry** 1985 Feb;46(2):58-60

Lithium in a patient with renal failure on hemodialysis [letter] Lippman SB, et al. **J Clin Psychiatry** 1984 Oct;45(10):444

Lithium-responsive schizophrenia: case reports. Prakash R. **J Clin Psychiatry** 1985 Apr;46(4):141-2

Treatment-resistant catatonic stupor and combined lithium-neuroleptic therapy: a case report. Climo LH. **J Clin Psychopharmacol** 1985 Jun;5(3):166-70

Lithium potentiation of antidepressant treatment. Louie AK, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):316-21

Preventing medical noncompliance in the outpatient treatment of bipolar affective disorders. Cochran SD. **J Consult Clin Psychol** 1984 Oct;52(5):873-8

Lithium therapy for mania and depression. Murray JB. **J Gen Psychol** 1985 Jan;112(1):5-33

Lithium-induced improvement of myotonia: relevance of prostaglandin E1 blockade by lithium [letter] Backon J. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):606-7

Lithium-induced improvement of myotonia [letter] Gerst JW, et al. **J Neurol Neurosurg Psychiatry** 1984 Sep; 47(9):1044-6

Salivary and lacrimal secretions in patients on lithium therapy. Ben-Aryeh H, et al. **J Psychiatr Res** 1984; 18(3):299-306

Familial differences in lithium responsive versus lithium nonresponsive psychoses. Sautter F, et al. **J Psychiatr Res** 1985;19(1):1-8

Lithium. Johnson G. **Med J Aust** 1984 Oct 27;141(9):595-601 (67 ref.)

Low dose lithium carbonate in the treatment of post traumatic stress disorder: brief communication. Kitchner I, et al. **Milit Med** 1985 Jul;150(7):378-81

Mood disorders: pharmacologic prevention of recurrences. National Institutes of Health Consensus Development Conference Statement. **Nat Inst Health Consensus Dev Conf Consensus Statement** 1984;5(4):8 p.

Treatment of metrizamide-induced mania. Israel JR, et al. **NC Med J** 1984 Dec;45(12):759

Lithium salts in alcohol addiction therapy. Ionescu R, et al. **Neurol Psychiatr (Bucur)** 1985 Jan-Mar;23(1):3-10

Kleine-Levin syndrome: normal CSF monoamines and response to lithium therapy [letter] Hart EJ. **Neurology** 1985 Sep;35(9):1395-6

Cortisol changes in long-term lithium therapy. Smigan L, et al. **Neuropsychobiology** 1984;11(4):219-23

Compliance with outpatient lithium therapy. Connelly CE. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):44-50

A review of clinical trials of lithium in medicine. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:51-5 (101 ref.)

A review of clinical trials of lithium in neurology. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:57-64 (90 ref.)

The influence of fenfluramine stimulation on prolactin plasma levels in lithium long-term-treated manic-depressive patients and healthy subjects. Mühlbauer HD. **Pharmacopsychiatry** 1984 Nov;17(6):191-3

Lithium long-term treatment--does it act via serotonin? Müller-Oerlinghausen B. **Pharmacopsychiatry** 1985 Mar; 18(2):214-7

The outpatient clinic for patients under chronic lithium or neuroleptic treatment as a phase-IV research tool. Pietzcker A, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):162-7

The effect of age on lithium dosage requirements. Vestergaard P, et al. **Pharmacopsychiatry** 1984 Nov; 17(6):199-201

Interdependency of lithium ratio, plasma lithium level and clinical state in patients with affective disorders. Elizur A, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):167-72

Lithium effects on neuroendocrine function. Grof E, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):541-6

Factors associated with a good response to lithium in aggressive mentally handicapped subjects. Tyrer SP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):751-5

Lithium. DePaulo JR Jr. **Psychiatr Clin North Am** 1984 Sep; 7(3):587-99 (43 ref.)

Mood-independent aberrancies in associative processes in bipolar affective disorder: an apparent stabilizing effect of lithium. Pons L, et al. **Psychiatry Res** 1985 Apr; 14(4):315-22

Implications of noncompliance on research in affective disorders. Frank E, et al. **Psychopharmacol Bull** 1985; 21(1):37-42

Carbamazepine and lithium: different profiles in affective disorder? Lerer B, et al. **Psychopharmacol Bull** 1985; 21(1):18-22

Lithium treatment of four 'affect-related' disorders. Freinhar JP, et al. **Psychosomatics** 1985 Apr;26(4):332-3, 337

Acute antidepressant effect of lithium in unipolar depression. Lieberman JA, et al. **Psychosomatics** 1984 Dec;25(12):932-3

Renal function during lithium treatment. Waller DG, et al. **Q J Med** 1984 Summer;53(211):369-79

Bipolar disorder and social work practice. Sands RG. **Soc Work Health Care** 1985 Spring;10(3):91-105

[Clinical study on the use of lithium carbonate in the attenuation of granulocytopenia and infection during combination chemotherapy of malignant blood diseases] Da WM. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):28-30, 63 (Eng. Abstr.) **(Chi)**

[Lithium and other preventive agents of affective disorders in 1983] Souček K, et al. **Cesk Psychiatr** 1984 Aug; 80(4):247-51 **(Cze)**

[Thiamazole- and lithium therapy-resistant iodine-induced hyperthyroidism (letter)] Bogner U, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):479-80 **(Ger)**

[Dose-effect relation in therapy of cytostatic-induced leukopenia with lithium carbonate] Burdach SE, et al. **Klin Padiatr** 1985 May-Jun;197(3):253-7 (Eng. Abstr.) **(Ger)**

[Lithium in the therapy of hematologic diseases in childhood] Burdach SE. **Monatsschr Kinderheilkd** 1985 Feb; 133(2):72-9 (Eng. Abstr.) **(Ger)**

[Lithium as an adjuvant in the radioiodine therapy of thyroid cancer] Schraube P, et al. **Nuklearmedizin** 1984 Jun; 23(3):151-4 (Eng. Abstr.) **(Ger)**

[Lithium carbonate--a preventive agent against leukopenia during cytostatic therapy] Lahousen M, et al. **Wien Klin Wochenschr** 1984 Oct 12;96(19):739-41 (Eng. Abstr.) **(Ger)**

[Effectiveness of lithium in the treatment of Horton's headache] Klimek A, et al. **Pol Tyg Lek** 1985 May 6; 40(18):512-5 (Eng. Abstr.) **(Pol)**

[A case of simultaneous treatment of the manic syndrome and granulocytopenia with lithium salts] Greń K, et al. **Psychiatr Pol** 1984 May-Jun;18(3):285-8 **(Pol)**

[Effect of preventive administration of lithium carbonate on serum concentrations of various pituitary and peripheral hormones in patients with endogenous depression] Horodnicki JM, et al. **Psychiatr Pol** 1984 Jul-Aug; 18(4):319-25 (Eng. Abstr.) **(Pol)**

[Lithium salts in the treatment of schizoaffective psychosis] Kopel A. **Psychiatr Pol** 1984 May-Jun;18(3):279-83 **(Pol)**

[Clinical use of lithium salts] Szwed W, et al. **Wiad Lek** 1985 Mar 15;38(6):432-6 (Eng. Abstr.) **(Pol)**

[Effect of lithium preparations on cardiac arrhythmias due to strophanthin in waking rats] Sobieva ZI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):401-4 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of the activity of lithium preparations and anti-arrhythmia agents in strophanthin, calcium chloride and barium chloride arrhythmias in an experiment] Galenko-Iaroshevskiĭ PA, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):64-8 (Eng. Abstr.) **(Rus)**

[Effect of lithium hydroxybutyrate and lithium chloride on heart rhythm disorders of various origins] Galenko-Iaroshevskiĭ PA, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):54-9 (Eng. Abstr.) **(Rus)**

[Effect of lithium hydroxybutyrate on intraocular pressure and the blood supply of ocular vessels] Kryzhanovskiĭ GN, et al. **Oftalmol Zh** 1984;(6):366-9 (Eng. Abstr.) **(Rus)**

[Use of lithium carbonate in the preoperative care of patients with toxic goiter] Petrov NM, et al. **Vrach Delo** 1985 Mar;(3):99–102 (Eng. Abstr.) **(Rus)**

[Lithium therapy: past, present and future (editorial)] Ballús C. **Med Clin (Barc)** 1984 Sep 15;83(7):292–3 **(Spa)**

TOXICITY

Lithium induced interstitial nephropathy associated with chronic renal failure. Reversibility and correlation between functional and structural changes. Ottosen PD, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov;92(6):447–54

Lithium, cyclic AMP and renal pathophysiology. Dousa TP, et al. **Acta Pharmacol Toxicol (Copenh)** 1985;56 Suppl 1:180–9

Studies on the role of brain cholinergic systems in the therapeutic mechanisms and adverse effects of ECT and lithium. Lerer B. **Biol Psychiatry** 1985 Jan;20(1):20–40

Serum thyroxine and triiodothyronine concentrations in rats receiving lithium carbonate. Dhawan D, et al. **Horm Metab Res** 1985 Feb;17(2):109–10

Pathogenesis of nephrogenic diabetes insipidus due to chronic administration of lithium in rats. Christensen S, et al. **J Clin Invest** 1985 Jun;75(6):1869–79

Ingestion of a novel flavor before exposure to pups injected with lithium chloride produces a taste aversion in mother rats (Rattus norvegicus). Gemberling GA. **J Comp Psychol** 1984 Sep;98(3):285–301

Effects of toxicosis on the predatory behavior of the golden hamster (Mesocricetus auratus). Langley WM, et al. **J Comp Psychol** 1984 Sep;98(3):302–10

Disparity between formation of conditioned flavor aversions and neophobia during grooming in rats and mice. Stewart CN, et al. **Physiol Behav** 1984 Jun;32(6):955–9

The importance of contextual elements in taste-aversion learning. Archer T, et al. **Scand J Psychol** 1984;25(3):251–7

[Detection of lithium in bone tissue] Harsányi L, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):309–11 **(Hun)**

[Development of progeny after antenatal exposure to lithium oxybutyrate] Smol'nikova NM, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):73–6 (Eng. Abstr.) **(Rus)**

URINE

A novel technique for assessing the sources of dietary sodium. Sanchez-Castillo CP, et al. **Ann Clin Res** 1984;16 Suppl 43:44–8

Benoxaprofen has no influence on the urinary elimination of lithium. Danion JM, et al. **Contrib Nephrol** 1984;42:248–52

LITHOCHOLATE see **LITHOCHOLIC ACID**

LITHOCHOLIC ACID

ANALOGS & DERIVATIVES

Reduction of 7-ketolithocholic acid to chenodeoxycholic acid by rat liver preparations in vitro. Amuro Y, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):229–31

Taurolithocholate increases heme catabolism and alters the clearance of antipyrine in the rat. Berry WR, et al. **Gastroenterology** 1985 Feb;88(2):39[illegible]

Isolation and identification of delta 6-lithocholenic acid (3 alpha-hydroxy-5 beta-6-cholen-24-oic acid) as an intestinal bacterial metabolite of chenodeoxycholic acid in man. Malavolti M, et al. **J Biol Chem** 1985 Sep 15;260(20):11011–5

Critical evaluation of the existence of so-called tissue-bound lithocholate in human liver tissue by selected ion monitoring. Yanagisawa J, et al. **J Lipid Res** 1984 Nov;25(11):1263–71

Metabolism and cholestatic effect of 3 alpha-hydroxy-7 xi-methyl-5 beta-cholanoic acid. Une M, et al. **Lipids** 1985 Apr;20(4):222–6

Taurolithocholate-induced intrahepatic cholestasis: potentiation by methyl isobutyl ketone and methyl n-butyl ketone in rats. Plaa GL, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):228–34

ANALYSIS

Critical evaluation of the existence of so-called tissue-bound lithocholate in human liver tissue by selected ion monitoring. Yanagisawa J, et al. **J Lipid Res** 1984 Nov;25(11):1263–71

CHEMICAL SYNTHESIS

Potential bile acid metabolites. 9. 3,12-Dihydroxy- and 12 beta-hydroxy-5 alpha-cholanoic acids. Iida T, et al. **J Lipid Res** 1985 Jul;26(7):874–81

METABOLISM

Optimum conditions for ursodeoxycholic acid production from lithocholic acid by Fusarium equiseti M41. Kulprecha S, et al. **Appl Environ Microbiol** 1985 Feb;49(2):338–44

Lithocholate detoxification and biliary secretion in the rat. Pattinson NR, et al. **Biochem Int** 1984 Aug;9(2):137–42

Lithocholic acid-cholesterol interactions in rat liver plasma membrane fractions. Yousef IM, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):345–53

Metabolism of lithocholic and chenodeoxycholic acids in the squirrel monkey. Suzuki H, et al. **Gastroenterology** 1985 Sep;89(3):631–6

Evidence for a common high affinity binding site on glutathione S-transferase B for lithocholic acid and bilirubin. Sugiyama Y, et al. **J Lipid Res** 1984 Nov;25(11):1177–83

PHARMACODYNAMICS

Effect of lithocholic acid on cholesterol synthesis and transport in the rat liver. Yousef IM, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):336–44

Metabolism and cholestatic effect of 3 alpha-hydroxy-7 xi-methyl-5 beta-cholanoic acid. Une M, et al. **Lipids** 1985 Apr;20(4):222–6

LITTER SIZE

Evaluating the accuracy of canine pregnancy diagnosis and litter size using real-time ultrasound. Bondestam S, et al. **Acta Vet Scand** 1984;25(3):327–32

Clinical and endocrinological studies in primiparous post partum sows. Effects of lactation length and litter size. Kunavongkrit A. **Acta Vet Scand** 1984;25(2):260–79

Influence of litter size on antepartum serum relaxin and progesterone immunoactivity levels and on birth in the rat. Sherwood OD, et al. **Endocrinology** 1985 Jun;116(6):2554–62

Triplet pregnancy in two Thoroughbred mares. Whitwell KE. **Equine Vet J** 1984 Jul;16(4):393–6

Determination of fetal numbers in sheep by real time ultrasonic scanning. White IR, et al. **In Pract** 1984 Nov;6(6):200–2

Direct and maternal genetic differences between lines of mice selected for body weight and litter size: traits of dams. Bandy TR, et al. **J Anim Sci** 1984 Sep;59(3):630–42

Genetic variation in prenatal survival and litter size. Bradford GE. **J Anim Sci** 1979;49 Suppl 2:66–74 (19 ref.)

Effects of concurrent lactation and postpartum mating on reproductive performance in mice selected for large litter size. Eisen EJ, et al. **J Anim Sci** 1984 Nov;59(5):1224–38

Estimates of additive genetic, maternal and specific combining abilities for some litter traits of swine. Jungst SB, et al. **J Anim Sci** 1984 Nov;59(5):1140–8

Occurrence and characteristics of sclerotic lesions in uterine arteries of sterile and multiparous pigs. Kadziolka A, et al. **J Anim Sci** 1985 Jun;60(6):1619–30

Somatic and germ cell chimerism in chimeric mice between strains of high litter size and regular litter size. Watanabe T. **J Exp Zool** 1985 May;234(2):283–8

Relationship between corpora lutea or fetal number and plasma concentrations of progesterone and testosterone in mice. Humphreys EM, et al. **J Reprod Fertil** 1985 Sep;75(1):7–15

[Adipose tissue cellularity in the piglet as a function of the level of energy supply of the maternal diet and the number of young per litter] Desnoyers F, et al. **Reprod Nutr Dev** 1985;25(1B):197–210 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

Dose rate, time of injection and litter size effects on dexamethasone-induced parturition in Border Leicester x Merino ewes. Edey TN, et al. **Aust Vet J** 1985 Mar;62(3):104–5

Effect of progesterone and medroxyprogesterone acetate on pregnancy length and litter size in mink. Jarosz SJ, et al. **Lab Anim Sci** 1985 Apr;35(2):156–8

Increasing lambing rates with ovandrotone-albumin. Harding RB, et al. **Vet Rec** 1984 Dec 8;115(23):601

LITTLE'S DISEASE see **CEREBRAL PALSY**

LIVER

Method of isolation-perfusion of the liver in the pig. Sindelar WF. **Am Surg** 1984 Oct;50(10):557–63

Heterotopic liver tissue with micronodular cirrhosis. A case report. Pesce C, et al. **Ann Pathol** 1984 Dec;4(5):389–90

Liver preservation. Toledo-Pereyra LH. **Bol Asoc Med PR** 1985 Jan;77(1):2–5

The American Association for the Study of Liver Diseases: 35th annual meeting and postgraduate course. November 8-9, 1984 and November 10-11, 1984, Chicago, Illinois. Abstracts. **Hepatology** 1984 Sep-Oct;4(5):985–1101

Intestinal entrapment and strangulation by right lobe of liver. Sellu DP. **J R Coll Surg Edinb** 1984 Nov;29(6):381–2

Intra-adrenal hepatic heterotopia. Honoré LH. **J Urol** 1985 Apr;133(4):652–4

Intrahepatic gallbladder and obstructive jaundice. Lusink C, et al. **Med J Aust** 1985 Jan 7;142(1):53–4

Effect of gaseous inclusions on the frequency dependence of ultrasonic attenuation in liver. Bamber JC, et al. **Ultrasound Med Biol** 1985 Mar-Apr;11(2):293–8

[Experimental study on intrahepatic gas tensions measured by mass spectrometry: effect on temporary occlusion of the afferent hepatic circulation] Iseki J, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):304–18 (Eng. Abstr.) **(Jpn)**

[Use of a hepatocyte suspension in a hemosorption system in acute hepatic failure (experimental study)] Margulis MS, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):121–4 **(Rus)**

ABNORMALITIES

Hepatic anomalous lobulation demonstrated by liver and hepatobiliary scintigraphy. Arakawa K, et al. **Clin Nucl Med** 1984 Oct;9(10):565–7

Intrahepatic gallbladder simulating choledochal cyst on DISIDA scintigraphy. Dumont M, et al. **Clin Nucl Med** 1984 Nov;9(11):657–8

Accessory hepatic lobe simulating a left hemidiaphragmatic tumor: a case report. Kuroiwa T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25;44(8):1033–7

[Hepatic diaphragmatic interposition--Chilaiditi syndrome] Werner E. **Z Erkr Atmungsorgane** 1984;163(2):198–9 (Eng. Abstr.) **(Ger)**

[Hepato-diaphragmatic dysmorphism. Description of a clinical case] Defilippi C, et al. **Minerva Pediatr** 1984 Dec 31;36(23-24):1195–7 (Eng. Abstr.) **(Ita)**

[Hepato-diaphragmatic interposition of the colon (Chilaiditi syndrome)] Zecca G, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):151–4 (Eng. Abstr.) **(Ita)**

[Clinical picture and diagnosis of fibrocholangiocystosis in children] Chistova LV, et al. **Pediatriia** 1985 Mar;(3):46-9 **(Rus)**

ANALYSIS

Comparison of non-histone proteins from hamster Kirkman-Robbins hepatoma and liver. Kiliańska Z, et al. **Acta Biochim Pol** 1985;32(2):95–100

The composition of liver chromatin proteins from embryos, chicks and adult chickens. Luboń H, et al. **Acta Biochim Pol** 1985;32(1):55–62

The presence of dolichol in liver supernatant. Appelkvist EL, et al. **Acta Chem Scand [B]** 1985;39(1):72–4

The third (C3) and fourth (C4) components of complement in human liver. Immunocytochemical evidence for hepatocytes as the site of synthesis. Nagura H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):71–8

Concentration-dependent sedimentation properties of ferritin: implications for estimation of iron contents of serum ferritins. Niitsu Y, et al. **Am J Hematol** 1985 Apr;18(4):363–71

Multielement assays of bovine tissue specimens by inductively coupled argon plasma emission spectroscopy. Stowe HD, et al. **Am J Vet Res** 1985 Mar;46(3):561–5

Vitamin E requirement of mink with special reference to tocopherol composition in plasma, liver, and adipose tissue. Työppönen J, et al. **Am J Vet Res** 1984 Sep;45(9):1790-4

Protamine sulfate precipitation: a new assay for the Ah receptor. Denison MS, et al. **Anal Biochem** 1984 Oct;142(1):28–36

Separation of some neutral lipids by normal-phase high-performance liquid chromatography on a cyanopropyl column: ubiquinone, dolichol, and cholesterol levels in sheep liver. Palmer DN, et al. **Anal Biochem** 1984 Aug 1;140(2):315–9

High-performance liquid chromatographic determination of the distribution of naturally occurring folic acid derivatives in rat liver. Wilson SD, et al. **Anal Biochem** 1984 Nov 1;142(2):529–35

Analysis of marine sediment and lobster hepatopancreas reference materials by instrumental photon activation. Landsberger S, et al. **Anal Chem** 1985 Jan;57(1):196–203

The microheterogeneity of human liver and serum ferritins measured on minute amounts of ferritin in crude samples. Zuyderhoudt FM, et al. **Ann Clin Biochem** 1984 Nov;21 (Pt 6):471–6

Thymosin beta 11: a peptide from trout liver homologous to thymosin beta 4. Erickson-Viitanen S, et al. **Arch Biochem Biophys** 1984 Sep;233(2):815–20

The nucleotide sequence of tyrosine tRNAQ* psi A from bovine liver. Johnson GD, et al. **Arch Biochem Biophys** 1985 Jan;236(1):448–53

Developmental regulation of the hepatocyte receptor for galactose-terminated glycoproteins. Petell JK, et al. **Arch Biochem Biophys** 1985 Sep;241(2):550–60

Aflatoxin and Reye's syndrome: a study of livers from deceased cases. Rogan WJ, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):91–5

A simplified method for estimating 5-phosphoribosyl 1-pyrophosphate in mouse liver and spleen. Chalmers AH. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):281–90

Development of an affinity chromatography resin for the purification of carcinogen binding proteins from mouse liver. Collins S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):155–62

Some properties of a liver protein that activates glycogen synthase b. Haverstick DM, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):170–7

Purification and properties of the phosphate eliminating enzyme involved in the biosynthesis of BH4 in man. Heintel D, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):213–9

Induction of rat liver angiotensinogen mRNA following acute inflammation. Kageyama R, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):826–32

A large-molecular-weight regulating factor for chromatin-dependent RNA polymerase II reactions in rat liver cytoplasm. Okai Y. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):286–92

Phosphorylation of the rat hepatocyte asialoglycoprotein receptor. Takahashi T, et al.

Biochem Biophys Res Commun 1985 Feb 15;126(3):1054-60

The primary structure of the nonspecific lipid transfer protein (sterol carrier protein 2) from bovine liver. Westerman J, et al. **Biochem Biophys Res Commun** 1985 Feb 28; 127(1):333-8

Partial purification from rat and pig liver of cytosolic stimulators of hormone-sensitive adenylate cyclase: quantitation and resolution of two components. Kelly TM, et al. **Biochem Med** 1984 Oct;32(2):252-69

Presence of di- and polyamines covalently bound to protein in rat liver. Beninati S, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):120-6

Partial purification of a water-soluble liver protein that regulates adenylate cyclase activity (basal, hormone- and cholera-toxin-activated) and cholera-toxin-catalyzed ADP-ribosylation of the membrane G protein. Gordon JC, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):325-33

Fluorescence assay of the specificity of human plasma and bovine liver phospholipid transfer proteins. Massey JB, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):124-31

Molecular size heterogeneity of ferritin in mouse liver. Massover WH. **Biochim Biophys Acta** 1985 Jul 1; 829(3):377-86

LDL receptors in bovine tissues assayed as the heparin-sensitive binding of 125I-labeled LDL in homogenates: relation between liver LDL receptors and serum cholesterol in the fetus and post term. Rudling MJ, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):96-104

Preparation of 40S ribosomal subunit proteins of rat liver by combination of ion exchange chromatography with reversed phase liquid chromatography. Dettmer R, et al. **Biomed Biochim Acta** 1984;43(7):937-45

Quantitative secondary ion monitoring gas chromatography/mass spectrometry of diethylstilbestrol in bovine liver. Covey T, et al. **Biomed Mass Spectrom** 1985 Jun;12(6):274-87

The identification of cyclic nucleotides from living systems using collision-induced dissociation of ions generated by fast atom bombardment mass spectrometry. Kingston EE, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):367-74

Depletion of excessive liver iron stores with desferrioxamine. Cohen A, et al. **Br J Haematol** 1984 Oct;58(2):369-73

Purification and characterization of lead-induced zinc thionein in the liver of rats. Arizono K, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):143-8

Heavy metals in lamb liver: contribution from atmospheric fallout. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):175-82

Structural study on liver gelactin. Gruda J, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1072-5

Trace element levels in liver and kidney from cattle, swine and poultry slaughtered in Canada. Korsrud GO, et al. **Can J Comp Med** 1985 Apr;49(2):159-63

Electrophoretic analysis of HeLa cell and human liver nucleolar proteins and antigens. Spohn WH, et al. **Cancer Invest** 1985;3(4):307-20

Hepatocyte surface molecule involved in the adhesion of TA3 mammary carcinoma cells to rat hepatocyte cultures. Middelkoop OP, et al. **Cancer Res** 1985 Aug;45(8):3825-35

Homology between rat liver RNA populations during development, regeneration, and neoplasia. Petropoulos CJ, et al. **Cancer Res** 1985 Oct;45(10):5114-21

Viscometric detection of liver DNA fragmentation in rats treated with ten aromatic amines. Discrepancies with results provided by the alkaline elution technique. Brambilla G, et al. **Carcinogenesis** 1985 Sep;6(9):1285-8

Immunological titration of 3-N-acetyl-hydroxyamino-4,6-dimethyldipyrido(1,2-a:3', imidazole-rat liver DNA adducts. Hebert E, et al. **Carcinogenesis** 1985 Jun;6(6):937-9

Immunohistochemical localization of O6-ethyldeoxyguanosine and deoxyguanosin-8-yl-(acetyl)aminofluorene in liver sections of rats treated with diethylnitrosamine, ethylnitrosourea or N-acetylaminofluorene. Menkveld GJ, et al. **Carcinogenesis** 1985 Feb;6(2):263-70

Cell specificity of rat cytokeratin p39 during azo dye-induced hepatocarcinogenesis. Schmidt WN, et al. **Carcinogenesis** 1985 Aug;6(8):1147-53

A fraction of the mouse genome that is derived from islands of nonmethylated, CpG-rich DNA. Bird A, et al. **Cell** 1985 Jan;40(1):91-9

A protein homologous to the 27,000 dalton liver gap junction protein is present in a wide variety of species and tissues. Hertzberg EL, et al. **Cell** 1984 Nov;39(1):61-9

Localization of cyclic AMP-dependent protein kinase subunits in rat hepatocyte nuclei by immunogold electron microscopy. Kuettel MR, et al. **Cell Biol Int Rep** 1984 Nov; 8(11):949-57

Detection of a prominent 150,000 Mr glycoprotein at contact sites of fibronectin-attached hepatocytes. Blanquet PR. **Cell Mol Biol** 1985;31(1):33-9

Characterization and measurement of metallothionein messenger RNA of C57BL mouse liver. Koizumi S, et al. **Chem Biol Interact** 1985 Jun;54(1):33-43

Determination of serum ferritin by a one-step immunoenzymoassay, and comparison of four liver-ferritin standards. Revenant MC, et al. **Clin Chem** 1985 Apr; 31(4):640-2

Extraction of lipids from human whole serum and lipoproteins and from rat liver tissue with methylene chloride-methanol: a comparison with extraction with chloroform-methanol. Carlson LA. **Clin Chim Acta** 1985 Jun 30;149(1):89-93

Measurement of iron in liver biopsies--a comparison of three analytical methods. Kreeftenberg HG, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):255-62

Functional intracellular renin-angiotensin systems may exist in multiple tissues. Re R, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1739-42

The distribution of ferritin subunit types in porcine tissues. Collawn JF Jr, et al. **Comp Biochem Physiol [B]** 1984; 78(3):653-6

The effect of nutritional state and hormones on the number of circulating red cells in Gallus domesticus. Hughes PE, et al. **Comp Biochem Physiol [B]** 1984;78(3):621-5

Neutral lipid components of eleven species of Caribbean sharks. Van Vleet ES, et al. **Comp Biochem Physiol [B]** 1984;79(4):549-54

Isolation and partial characterization of a non-thionein, zinc-binding protein from the liver of rainbow trout (Salmo gairdneri). Pierson KB. **Comp Biochem Physiol [C]** 1985; 80(2):299-304

Cellular distribution of three mammalian Ca2+-binding proteins related to Torpedo calelectrin. Geisow M, et al. **EMBO J** 1984 Dec 1;3(12):2969-74

Hepatic messenger ribonucleic acid activity profile of rats subjected to alterations in thyroidal and adrenocortical states: evidence for significant interaction. Beyer HS, et al. **Endocrinology** 1985 Jun;116(6):2669-76

Characterization and subcellular distribution of somatogenic receptor in rat liver. Husman B, et al. **Endocrinology** 1985 Jun;116(6):2605-11

Modifications of the expression of liver-specific and non-specific messenger RNAs during azo-dye hepatocarcinogenesis. Lamas E, et al. **Eur J Biochem** 1985 Jul 15;150(2):395-9

A-form to A'-form conformational switch of double helices in rat liver 5S and 5.8S rRNA. Solution X-ray scattering evidence and circular dichroic measurements. Müller JJ, et al. **Eur J Biochem** 1985 Apr 1;148(1):89-95

Visualization of the hepatic low-density lipoprotein receptor in rats by sequential scintiscans. Friedrich E, et al. **FEBS Lett** 1985 May 6;184(1):134-8

Purification of liver and hepatoma membrane proteins by high-performance liquid chromatography. Josić D, et al. **FEBS Lett** 1985 Jun 3;185(1):182-6

Synthesis of a nonacosapeptide (beta-fragment) corresponding to the N-terminal sequence 1-29 of human liver metallothionein II and its heavy metal-binding properties. Okada Y, et al. **FEBS Lett** 1985 Apr 22; 183(2):375-8

Structural homology between mouse liver and horse spleen ferritins. Rice DW, et al. **FEBS Lett** 1985 Feb 11; 181(1):165-8

Histone H5 and H1 cross-reacting material is restricted to erythroid cells in chicken. Shannon MF, et al. **FEBS Lett** 1985 Jul 8;186(2):180-6

Identification and purification of a 36 kDa bile acid binder in human hepatic cytosol. Stolz A, et al. **FEBS Lett** 1984 Nov 5;177(1):31-5

Isolation and characterization of cDNA clones for human liver fibronectin. Umezawa K, et al. **FEBS Lett** 1985 Jul 1;186(1):31-4

Isoferritins from tumorous and non-tumorous human liver. Asakawa H, et al. **Gann** 1985 Feb;76(2):95-8

Rapid assay of N-butyl-N-(3-carboxypropyl)nitrosamine in rat organs and urine by high-performance liquid chromatography after derivatization. Wada S, et al. **Gann** 1985 Mar;76(3):192-6

Androgen receptors in hepatocellular carcinoma and surrounding parenchyma. Nagasue N, et al. **Gastroenterology** 1985 Sep;89(3):643-7

Changes in acidic glycosaminoglycan components at different stages of human liver cirrhosis. Murata K, et al. **Hepatogastroenterology** 1984 Dec;31(6):261-5

Effects of dexamethasone on albumin and collagen gene expression in primary cultures of adult rat hepatocytes. Jefferson DM, et al. **Hepatology** 1985 Jan-Feb;5(1):14-20

Changes of hepatitis B virus DNA in liver and serum caused by recombinant leukocyte interferon treatment: analysis of intrahepatic replicative hepatitis B virus DNA. Yokosuka O, et al. **Hepatology** 1985 Sep-Oct;5(5):728-34

Localization of cathepsin D in rat liver. Immunocytochemical study using post-embedding immunoenzyme and protein A-gold techniques. Yokota S, et al. **Histochemistry** 1985;82(2):141-8

Storage of alpha-1-antitrypsin in intrahepatic bile duct cells in alpha-1-antitrypsin deficiency (Pi Z phenotype). Callea F, et al. **Histopathology** 1985 Jan;9(1):99-108

Concentration of native prolactin and prolactin binding sites in hepatic subcellular fractions from hyperprolactinemic rats. Savoie S, et al. **Horm Metab Res** 1985 Mar;17(3):131-5

Effect of dietary protein composition on hepatic protein and enzymes (arginase tyrosine amino transferase and lactic dehydrogenase) in young rats. Gupta RD, et al. **Indian J Med Sci** 1984 Jun;38(6):109-13

Iron and phosphorus content of rabbit liver ferritin fractions with different subunit composition. Frenkel EJ, et al. **Int J Biochem** 1985;17(3):421-4

Inhibition of DNA polymerase alpha activity by proteins from rat liver. Klinge CM, et al. **Int J Biochem** 1985; 17(3):347-53

RNA polymerase activities and chromatin protein composition of rat liver during methionine deprivation and refeeding. Norell M, et al. **Int J Biochem** 1985;17(3):325-30

Ultrasonic attenuation and velocity properties in rat liver as a function of fat concentration: a study at 100 MHz using a scanning laser acoustic microscope. Tervola KM, et al. **J Acoust Soc Am** 1985 Jan;77(1):307-13

Extraction and quantification of paraquat in liver and hemolyzed blood. Querée EA, et al. **J Anal Toxicol** 1985 Jan-Feb;9(1):10-4

Separation of nucleotides by high-voltage capillary electrophoresis. Tsuda T, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):330-6

Atomic absorption spectrophotometric determination of liver copper: collaborative study. Osheim DL, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):44-5

Screening tests for sulfa drugs and/or dinitrobenzamide coccidiostats and their monoamino metabolites in chicken livers. Parks OW. **J Assoc Off Anal Chem** 1985 Jan-Feb; 68(1):20-3

Determination of mouse liver 5-methyltetrahydrofolate concentration and polyglutamate forms. Doig MT, et al. **J Biochem Biophys Methods** 1985 Mar;10(5-6):287-94

Hepatic glycosphingolipid abnormalities in a patient with GM1-gangliosidosis. Hara A, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1051-9

Partial purification of the apolipoprotein E receptor of rat liver membrane. Kinoshita M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1803-6

Different tissue distributions of two types of thiol proteinase inhibitors from rat liver and epidermis. Kominami E, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1437-42

A sensitive assay method for the measurement of S-adenosylmethionine in tissue. Suma Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):679-82

Human liver fatty acid binding protein cDNA and amino acid sequence. Functional and evolutionary implications. Chan L, et al. **J Biol Chem** 1985 Mar 10;260(5):2629-32

cAMP-dependent protein kinase activation lowers hepatocyte cAMP. Corbin JD, et al. **J Biol Chem** 1985 Jul 25;260(15):8731-5

Cellular retinol-binding protein. Quantitation and distribution. Eriksson U, et al. **J Biol Chem** 1984 Nov 10; 259(21):13464-70

Novel ATP-dependent calcium transport component from rat liver plasma membranes. The transporter and the previously reported (Ca2+-Mg2+)-ATPase are different proteins. Lin SH. **J Biol Chem** 1985 Jul 5;260(13):7850-6

Human liver fatty acid binding protein. Isolation of a full length cDNA and comparative sequence analyses of orthologous and paralogous proteins. Lowe JB, et al. **J Biol Chem** 1985 Mar 25;260(6):3413-7

The Mr 28,000 gap junction proteins from rat heart and liver are different but related. Nicholson BJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6514-7

Eukaryotic initiation factor 5 from calf liver is a single polypeptide chain protein of Mr = 62,000. Raychaudhuri P, et al. **J Biol Chem** 1985 Feb 25;260(4):2132-9

Characterization of insulin-like growth factor I-stimulated tyrosine kinase activity associated with the beta-subunit of type I insulin-like growth factor receptors of rat liver cells. Sasaki N, et al. **J Biol Chem** 1985 Aug 15; 260(17):9793-804

The primary structure of rat liver cellular retinol-binding protein. Sundelin J, et al. **J Biol Chem** 1985 May 25; 260(10):6488-93

Cross-linking study on protein topography of rat liver 60 S ribosomal subunits with 2-iminothiolane. Uchiumi T, et al. **J Biol Chem** 1985 May 10;260(9):5675-82

Neighboring proteins in rat liver 60 S ribosomal subunits disulfide-linked by hydrogen peroxide oxidation or cross-linked with dithiobis(succinimidyl propionate). Uchiumi T, et al. **J Biol Chem** 1985 May 10;260(9):5669-74

Isolation and characterization of CAB-63, a novel calcium-binding protein. Waisman DM, et al. **J Biol Chem** 1985 Feb 10;260(3):1652-60

Three forms of thiol proteinase inhibitor from rat liver formed depending on the oxidation-reduction state of a sulfhydryl group. Wakamatsu N, et al. **J Biol Chem** 1984 Nov 25;259(22):13832-8

Purification and partial characterization of a liver cell proliferation factor called hepatopoietin. Goldberg M. **J Cell Biochem** 1985;27(3):291-302

Inhibition of lymphocyte proliferation by detergent-solubilized mouse liver membranes. Grupp SA, et al. **J Cell Biol** 1985 Aug;101(2):380-5

Identification of rat hepatocyte plasma membrane proteins using monoclonal antibodies. Hubbard AL, et al. **J Cell Biol** 1985 Apr;100(4):1115-25

Biogenesis of the polymeric IgA receptor in rat hepatocytes. I. Kinetic studies of its intracellular forms. Sztul ES, et al. **J Cell Biol** 1985 Apr;100(4):1248-54

Characteristics of an extraction and purification procedure for chlorinated dibenzo-p-dioxins and dibenzofurans in soil and liver. Albro PW, et al. **J Chromatogr** 1984 Nov 16; 312:165-82

Gradient reversed-phase high-performance liquid chromatographic separation of naturally occurring retinoids. Furr HC, et al. **J Chromatogr** 1984 Aug 10; 309(2):299-307

Rapid and simple method for quantitative determination of non-protein sulphydryls in mouse liver by reversed-phase high-performance liquid chromatography. Komuro C, et al. **J Chromatogr** 1985 Feb 27;338(1):209-12

Improvement of chemical analysis of antibiotics. VIII. Application of prepacked C18 cartridge for the analysis of tetracycline residues in animal liver. Oka H, et al. **J Chromatogr** 1985 May 29;325(1):265-74

Decrease in microviscosity and cholesterol content of rat liver plasma membranes after chronic ethanol feeding. Yamada S, et al. **J Clin Invest** 1984 Dec;74(6):2285-9

Detection and occurrence of pentachlorophenol residues in chicken liver and fat. Neidert E, et al. **J Environ Sci Health [B]** 1984 Oct;19(7):579-92

Rapid separation and quantification of lipid classes by high performance liquid chromatography and mass (light-scattering) detection. Christie WW. **J Lipid Res** 1985 Apr;26(4):507-12

Characterization of human liver 3-O-beta-D-glucopyranuronosyl-cholesterol by mass spectrometry and nuclear magnetic resonance spectroscopy. Muhiudeen IA, et al. **J Lipid Res** 1984 Oct; 25(10):1117-23

Solubilization of the 17 alpha-ethinyl estradiol-stimulated low density lipoprotein receptor of male rat liver. Roach PD, et al. **J Lipid Res** 1985 Jun;26(6):713-20

Critical evaluation of the existence of so-called tissue-bound lithocholate in human liver tissue by selected ion monitoring. Yanagisawa J, et al. **J Lipid Res** 1984 Nov; 25(11):1263-71

Detection of HBV-DNA by in situ hybridization using a biotin-labeled probe. Negro F, et al. **J Med Virol** 1985 Apr;15(4):373-82

Absence of detectable hepatitis B virus DNA in sera and liver of chimpanzees with non-A, non-B hepatitis. Yap SH, et al. **J Med Virol** 1985 Apr;15(4):343-50

Heterotypic tetramer (A2D2) complexes of non-epidermal keratins isolated from cytoskeletons of rat hepatocytes and hepatoma cells. Quinlan RA, et al. **J Mol Biol** 1984 Sep 15;178(2):365-88

Extra-neural glial fibrillary acidic protein (GFAP) immunoreactivity in perisinusoidal stellate cells of rat liver. Gard AL, et al. **J Neuroimmunol** 1985 Jun;8(4-6):359-75

Copper toxicosis and tolerance in the rat. I--Changes in copper content of the liver and kidney. Haywood S. **J Pathol** 1985 Feb;145(2):149-58

Angiotensin-induced changes in the apparent size of rat liver angiotensin receptors. Guillemette G, et al. **J Recept Res** 1984;4(1-6):267-81

Characterization of the hepatic glucagon receptor. Iyengar R, et al. **J Recept Res** 1984;4(1-6):247-65

Characterization of non-liganded glucocorticoid receptor in rat liver cytosol using indirect competitive enzyme-linked immunosorbent assay. Radojcic M, et al. **J Steroid Biochem** 1985 Jul;23(1):1-8

Tolerance to cadmium-induced toxicity depends on presynthesized metallothionein in liver. Goering PL, et al. **J Toxicol Environ Health** 1984;14(5-6):803-12

Levels of trace elements in the liver and diet of free-living koalas, Phascolarctos cinereus (Goldfuss). McOrist S, et al. **J Wildl Dis** 1984 Jul;20(3):220-5

Increased cholesteryl ester content in liver of mice fed lipid emulsion diets high in polyunsaturated fats. Burton AF, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug; 9(4):480-2

Electron probe X-ray analysis on human hepatocellular lysosomes with copper deposits: copper binding to a thiol-protein in lysosomes. Hanaichi T, et al. **Lab Invest** 1984 Nov;51(5):592-7

Effects of glucagon, Arg-vasopressin, and angiotensin II on rat hepatic zinc thionein levels. Helvig BS, et al. **Life Sci** 1984 Dec 17;35(25):2513-8

Properties and characterization of low molecular weight inhibitor of calmodulin-dependent cAMP phosphodiesterase from rat liver. Rao RH, et al. **Life Sci** 1984 Nov 19;35(21):2155-64

Preparation of hydroperoxy and hydroxy derivatives of rat liver phosphatidylcholine and phosphatidylethanolamine. Terao J, et al. **Lipids** 1985 May;20(5):312-7

The lysosomal copper concentration in the liver in primary biliary cirrhosis. Janssens AR, et al. **Liver** 1984 Dec; 4(6):396-401

Non-thymic peptide complexes as an immunobiologically active system. The physicochemical properties of peptides from bovine liver. Zak Z, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):31-6

Non-thymic peptide complexes as an immunobiologically active system. The physicochemical properties of peptides from bovine liver. Zak Z, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):31-6

Nuclear resonance scattering measurement of human iron stores. Wielopolski L, et al. **Med Phys** 1985 Jul-Aug; 12(4):401-4

Covalent labeling of the hepatic glucagon receptor. Herberg JT, et al. **Methods Enzymol** 1985;109:207-15

Evidence for poly(ADP-ribosyl) derivatives of carboxylates in histone. Ueda K, et al. **Methods Enzymol** 1984; 106:450-61

Evidence for major differences in ribosomal subunit proteins from Plasmodium berghei and rat liver. Miller FW, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):249-60

Induction of prolactin receptors by prolactin in the rat lung and liver: demonstration of separate receptor and antibody entities. Amit T, et al. **Mol Cell Endocrinol** 1985 Jan; 39(1):21-9

Effect of alcoholization upon the maternal and fetal hepatic DNA and the maternal serum-proteins in pregnant albino rats. Gârban Z, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):9-16

Quantitative determination of carboxyhemoglobin in tissues. Shigezane J. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):6-10

A simple method for assaying rat tissue ferritin. Setsuda T. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):155-8

Protein--RNA interaction in the rat liver 5S rRNA-protein L5 complex studied by digestion with ribonucleases. Gross B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2325-35

Dietary administration of nickel: effects on behavior and metallothionein levels. Nation JR, et al. **Physiol Behav** 1985 Mar;34(3):349-53

Isolation of protein uH2A using a one step preparative gel electrophoresis. Dalay N, et al. **Prep Biochem** 1984; 14(2):181-92

Linear organization of the liver cell adhesion molecule L-CAM. Cunningham BA, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5787-91

Isolation and partial characterization of a fatty acid binding protein in rat liver plasma membranes. Stremmel W, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):4-8

Reduction in hepatic lipid and plasma estradiol in estrogenized chicks injected with ascorbic acid. Takahashi K, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):200-3

X-ray microanalysis of liver and kidney in copper loaded sheep with and without thiomolybdate administration. Jones HB, et al. **Res Vet Sci** 1984 Nov;37(3):273-82

Alterations of the intracellular water and ion concentrations in brain and liver cells during aging as revealed by energy dispersive X-ray microanalysis of bulk specimens. Lustyik G, et al. **Scan Electron Microsc** 1985;(Pt 1):323-37

Freeze-drying and related preparation techniques for biological microprobe analysis. Wróblewski R, et al. **Scan Electron Microsc** 1985;(Pt 1):447-54

Kidney and liver levels of some major, minor and trace elements in two Ontario communities. Subramanian KS, et al. **Sci Total Environ** 1985 Apr;42(3):223-35

Unusual low affinity of human liver fibronectin for gelatin. Isemura M, et al. **Tohoku J Exp Med** 1985 Apr;145(4):477-8

Extraction of fibronectin from human normal and cirrhotic livers. Isemura M, et al. **Tohoku J Exp Med** 1984 Oct; 144(2):217-8

Distribution of filipin-sterol complexes in rat hepatocytes. Murakoshi M, et al. **Tokai J Exp Clin Med** 1984 Mar; 9(1):21-6

Induction and detection of a third isometallothionein (metallothionein-II') in rat liver. Suzuki KT, et al. **Toxicol Lett** 1985 Jan;24(1):15-20

Liver copper concentrations in cattle in Salta province, Argentina. De Postiglione MD, et al. **Trop Anim Health Prod** 1984 Aug;16(3):188-9

Histochemical demonstration of copper and copper-associated protein in the canine liver. Thornburg LP, et al. **Vet Pathol** 1985 Jul;22(4):327-32

Use of high-performance liquid chromatography in the analysis of retinyl and 3,4-didehydroretinyl compounds in tissue extracts of bullfrog tadpoles and goldfish. Tsin AT, et al. **Vision Res** 1984;24(12):1835-40

Organochlorine pesticides and polychlorinated biphenyls in livers of cod from the southern Baltic, 1981. Falandysz J. **Z Lebensm Unters Forsch** 1984 Oct;179(4):311-4

Distribution of the H1 histone subfractions in Syrian hamster chromatin fractions. Modrzejewska H, et al. **Z Naturforsch [C]** 1984 Sep-Oct;39(9-10):958-61

[Effect of fixation on immunolocalization of transferrin and albumin in the liver of the adult rat] Vassy J, et al. **Arch Anat Microsc Morphol Exp** 1984;73(3):181-203 (Eng. Abstr.) **(Fre)**

[Administration of tetracycline to the intact and thyroidectomized rat: its effect on the ultrastructure of hepatocytes, lipids in the liver and plasma] Chaibi A. **Arch Inst Pasteur Tunis** 1984 Mar;61(1):51-72 (Eng. Abstr.) **(Fre)**

[Comparative analysis of the glycopeptides in normal liver cells and in Zajdela ascitic hepatoma cells in the rat] Chaumeton B, et al. **C R Acad Sci [III]** 1984;299(18):715-8 (Eng. Abstr.) **(Fre)**

[Identification of an atypical polyunsaturated fatty acid present in the liver of rats after the ingestion of heated linseed oil] Piconneaux A, et al. **C R Acad Sci [III]** 1985; 300(8):353-8 (Eng. Abstr.) **(Fre)**

[Trace elements and vitamin A in the liver of newborn swine] Steinhardt M, et al. **Arch Exp Veterinarmed** 1985 Mar; 39(2):183-92 (Eng. Abstr.) **(Ger)**

[Integrated and nonintegrated hepatitis B virus DNA in liver tissue] Theilmann L, et al. **Leber Magen Darm** 1985 Mar; 15(2):53-7 (Eng. Abstr.) **(Ger)**

[Electrophoresis of liver proteins from the rat under various physiological conditions] Leoni S, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1481-7 (Eng. Abstr.) **(Ita)**

[Experimental study on quantitative evaluation of fatty liver by computed tomography] Kunieda T, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1472-8 (Eng. Abstr.) **(Jpn)**

[Comparison of biochemical characteristics between human liver and spleen ferritin] Nishi M. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):165-77 (Eng. Abstr.) **(Jpn)**

[Studies on human hepatic copper contents in Japanese patients with liver cirrhosis and biliary obstruction] Ozawa A, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):925-34 **(Jpn)**

[Identification of hepatitis B antigens in hepatic tissue in various forms of acute hepatitis] Sarno EN, et al. **Arq Gastroenterol** 1984 Apr-Jun;21(2):68-74 (Eng. Abstr.) **(Por)**

[Purification and various properties of asialoglycoprotein receptors from the mouse liver] Bystrova NK, et al. **Biokhimiia** 1985 Jun;50(6):992-7 (Eng. Abstr.) **(Rus)**

[Purification of a special estrogen-binding protein from the liver of rats by affinity chromatography on estradiol sepharose] Smirnov AN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):377-80 (Eng. Abstr.) **(Rus)**

[Postmortem changes in the thiamine content of the brain, liver and small intestine wall] Novoselov VP, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):14-6 (Eng. Abstr.) **(Rus)**

[Various characteristics of the protein composition of ribosomes separated from granular membranes of the endoplasmic reticulum of rat liver] Mel'nikova NN. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):609-13 (Eng. Abstr.) **(Rus)**

[Ascorbic acid supply and cytochrome P-450 levels in guinea pig liver after dimethylformamide poisoning] Leshik IaD, et al. **Vopr Pitan** 1984 Sep-Oct;(5):65-7 (Eng. Abstr.) **(Rus)**

[Beta-adrenergic receptors in the liver of rats. Direct localization by means of a fluorescent beta-blocker] Santamaría L, et al. **Rev Esp Enferm Apar Dig** 1985 Mar; 67(3):221-4 (Eng. Abstr.) **(Spa)**

[Localization of glucagon receptors in intestinal and vascular smooth muscle fibers in the dog. Use of autoradiographic technics] Santamaría L, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):301-8 (Eng. Abstr.) **(Spa)**

[Cytophotometric study of the DNA content of the liver of rats poisoned with N-nitrosomorpholine] Callaghan R, et al. **Rev Esp Oncol** 1982;29(3):423-7 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

Intraoperative ultrasonographic study of the liver. Methods and anatomic results. Castaing D, et al. **Am J Surg** 1985 May;149(5):676-82

Anatomical bases of echography of the liver. Applications in peroperative echography. Delattre JF, et al. **Anat Clin** 1984;6(4):229-38

Surgical anatomy of liver segment IV. Sales JP, et al. **Anat Clin** 1984;6(4):295-304

Short-term and long-term effects of cadmium on glycogen reserves and liver size in rainbow trout (Salmo gairdneri Richardson). Lowe-Jinde L, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):755-64

In-vivo ultrasound tissue differentiation study using a microcomputer-based system. Botros N, et al. **Biomed Sci Instrum** 1985;21:51-9

Bile ductules of the caudate lobe in human liver. Jędrzejewski K. **Folia Morphol** 1984;43(4):363-7

Time course and mechanism of alterations in proton relaxation during liver regeneration in the rat. Sostman HD, et al. **Hepatology** 1985 Jul-Aug;5(4):538-43

Liver span in normal Indians. Singh K, et al. **Indian J Gastroenterol** 1985 Apr;4(2):73-5

In vivo 19F NMR imaging of liver, tumor, and abscess in rats. Preliminary results. Longmaid HE 3d, et al. **Invest Radiol** 1985 Mar-Apr;20(2):141-5

Ultrasonic backscatter from mammalian tissues. Fei DY, et al. **J Acoust Soc Am** 1985 Sep;78(3):871-6

Histological measurement of fat content of liver of dairy cows. Collins RA, et al. **J Comp Pathol** 1985 Jul; 95(3):437-41

Iron-EHPG as an hepatobiliary MR contrast agent: initial imaging and biodistribution studies. Lauffer RB, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):431-8

Dimensional changes of tissues in the course of processing. Iwadare T, et al. **J Microsc** 1984 Dec;136 (Pt 3):323-7

Posterior hepatodiaphragmatic interposition of the colon: ultrasonographic and computed tomographic appearance. Auh YH, et al. **J Ultrasound Med** 1985 Mar;4(3):113-7

A pseudolesion of the liver caused by rib cartilage in B-mode ultrasonography. Bönhof JA, et al. **J Ultrasound Med** 1985 Mar;4(3):135-7

The normal post-cholecystectomy sonogram: gas vs. clips. Lewandowski B, et al. **J Ultrasound Med** 1985 Jan;4(1):7-12

Measurement of attenuation and scatterer spacing in human liver tissue: preliminary results. Sommer FG, et al. **J Ultrasound Med** 1984 Dec;3(12):557-61

Mirex-induced liver enlargement in rats is dependent upon an intact pituitary-adrenalcortical axis. Ervin MG, et al. **Life Sci** 1985 Jan 14;36(2):139-45

Gadolinium oxide: a protoype agent for contrast enhanced imaging of the liver and spleen with magnetic resonance. Burnett KR, et al. **Magn Reson Imaging** 1985;3(1):65-71

Trial for computer analysis of normal hepatic tissue and hepatocellular carcinoma tissue pictures. Kanno T, et al. **Osaka City Med J** 1983;29(2):105-43

Clinical estimation of liver size in newborn infants [letter] Brion L, et al. **Pediatrics** 1985 Jan;75(1):127-8

Liver size in children determined with quantitative methods. Walk L. **Radiologe** 1985 May;25(5):221-3

Ultrasound attenuation measurements of the liver in vivo using a commercial sector scanner. Garra BS, et al. **Ultrason Imaging** 1984 Oct;6(4):396–407

Beam pattern (diffraction) correction for ultrasonic attenuation measurement. Robinson DE, et al. **Ultrasonic Imaging** 1984 Jul;6(3):293–303

On velocity changes caused by tissue fixation. Zimmermann KP, et al. **Ultrasound Med Biol** 1984 Jul–Aug; 10(4):L488–92

[Flexible silicone hepatic casts] Kumon M, et al. **Ann Chir** 1985 Apr;39(3):221–3 (Eng. Abstr.) **(Fre)**

[The liver. Anatomo-radiologic review] Flament JB, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):3–11 (Eng. Abstr.) **(Fre)**

[Comparison of liver lobule types, including Rappaport's acinus in swine] Wünsche A. **Anat Histol Embryol** 1985 Mar;14(1):15–32 (Eng. Abstr.) **(Ger)**

[Concepts of surgical anatomy for the controlled exeresis of the liver. Personal experience at the Viet Duck Hospital in Hanoi] Silenzi S. **Minerva Chir** 1984 Jun 30;39(12):957–60 (Eng. Abstr.) **(Ita)**

BLOOD SUPPLY

An experimental study of the longest tolerable time of the total portal triad occlusion in normothermia in rabbit. Chen XP, et al. **Acta Acad Med Wuhan** 1985;5(2):112–5

Hepatic vascular anatomy on magnetic resonance imaging. Fisher MR, et al. **AJR** 1985 Apr;144(4):739–46

Liver infarction in sickle cell disease [letter] Gauthier N, et al. **AJR** 1985 May;144(5):1089–90

Hepatic hemodynamics in alcoholic liver injuries assessed by reflectance spectrophotometry. Hayashi N, et al. **Alcohol** 1985 May–Jun;2(3):453–6

The three-dimensional architecture of the elastic-fiber network in canine hepatic portal system. Crissman RS, et al. **Am J Anat** 1984 Dec;171(4):401–13

Hepatic microcirculatory failure after ischemia and reperfusion: improvement with ATP-MgCl2 treatment. Clemens MG, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H804–11

Reflex sympathetic effects on liver vascular space and liver perfusion in dogs. Cousineau D, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H186–92

Structural alterations of the inner mitochondrial membrane in ischemic liver cell injury. Okayasu T, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):638–45

Ultrasonography in the diagnosis and follow-up of hepatic sinusoidal dilatation. Weinberger M, et al. **Arch Intern Med** 1985 May;145(5):927–9

Partial nodular transformation of liver in an adult with persistent ductus venosus. Review with hypothesis on pathogenesis. Wanless IR, et al. **Arch Pathol Lab Med** 1985 May;109(5):427–32

Ischemic hepatitis: clinical features, diagnosis and prognosis. Gibson PR, et al. **Aust NZ J Med** 1984 Dec;14(6):822–5

Pulsatile hepatomegaly in constrictive pericarditis. Manga P, et al. **Br Heart J** 1984 Oct;52(4):465–7

The effect of vasopressin and hepatic artery ligation on the blood supply to normal and metastatic liver tissue. Jenkins SA, et al. **Br J Cancer** 1984 Dec;50(6):785–91

Effects of a selective beta 2-blocker (ICI 118,551) on hepatic haemodynamics in the cirrhotic and non-cirrhotic rat. Jenkins SA, et al. **Br J Surg** 1985 Aug;7(8):653–6

Periportal sinusoidal dilatation associated with pregnancy. Fisher MR, et al. **Cardiovasc Intervent Radiol** 1984; 7(6):299–302

Hepatic trapping of red cells in canine endotoxin shock: a variable phenomenon after splenectomy. Teule GJ, et al. **Cardiovasc Res** 1985 Apr;19(4):201–5

A new surgical technique for isolating the hepatic venous circulation: preliminary report. Maksad AK, et al. **Cardiovasc Res Cent Bull** 1983 Oct–Dec;22(2):17–28

Plasma ornithine carbamyl transferase level as an indicator of ischaemic injury of rat liver. Frederiks WM, et al. **Cell Biochem Funct** 1984 Oct;2(4):217–20

The liver. Nunnerley HB. **Clin Gastroenterol** 1985 Apr; 14(2):331–54

The source of hepatic blood supply influences plasma amino acid patterns. Sankary HN, et al. **Curr Surg** 1985 Jul–Aug; 42(4):304–6

Changes of protein synthesis in liver tissue following ligation of hepatic artery or portal vein in rats. Fornander J, et al. **Eur Surg Res** 1985;17(2):101–8

Evaluation of an in vitro method for the study of hepatic protein synthesis in liver ischemia. Fornander J, et al. **Eur Surg Res** 1985;17(2):91–100

Human venous duct (Arantii) during perinatal period. Gorczyca J, et al. **Folia Morphol** 1984;43(2):129–35

Formation of hilar collaterals or cavernous transformation after portal vein obstruction by hepatocellular carcinoma. Observations in ten patients. Ohnishi K, et al. **Gastroenterology** 1984 Nov;87(5):1150–3

Herbal tea induced hepatic veno-occlusive disease: quantification of toxic alkaloid exposure in adults. Kumana CR, et al. **Gut** 1985 Jan;26(1):101–4

Hepatic veno-occlusive disease after bone marrow transplantation [letter] Harris RC. **Hepatology** 1984 Nov–Dec;4(6):1266

The comparative effect of administration of substances via the hepatic artery or portal vein on hepatic arterial resistance, liver blood volume and hepatic extraction in cats. Lautt WW, et al. **Hepatology** 1984 Sep–Oct; 4(5):927–32

Acute and chronic changes in the microcirculation of the liver in inbred strains of mice following infection with mouse hepatitis virus type 3. MacPhee PJ, et al. **Hepatology** 1985 Jul–Aug;5(4):649–60

Immunohistochemical distribution of glucagon, substance P and vasoactive intestinal polypeptide in hepatic vasculature of the rat. Sasaki Y, et al. **Hepatology** 1984 Nov–Dec; 4(6):1184–9

Spontaneous echocardiographic contrast and hepatic congestion [letter] Hsu TL, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1500–1

Alterations in the metabolism of lipids in ischemia of the liver and kidney. Finkelstein SD, et al. **J Lipid Res** 1985 Jun;26(6):726–34

Liver blood flow after partial hepatectomy in the pig. Kahn D, et al. **J Surg Res** 1984 Oct;37(4):290–4

Ischaemic hepatitis [editorial] **Lancet** 1985 May 4; 1(8436):1019–20

Ischaemic hepatitis. **Lancet** 1985 Jun 22;1(8443):1449

Ischaemic hepatitis [letter] Zwaveling JH. **Lancet** 1985 Aug 17;2(8451):388–9

Membranous obstruction of the inferior vena cava in the United States. Rector WG Jr, et al. **Medicine (Baltimore)** 1985 Mar;64(2):134–43

Liver revascularization with the left gastric artery following portocaval shunt in rats: technique and preliminary results. Vassanelli P, et al. **Microsurgery** 1984;5(3):119–22

A simplified method for controlled left hepatectomy. Couinaud CM. **Surgery** 1985 Mar;97(3):358–61

Beneficial effect of allopurinol in liver ischemia. Nordström G, et al. **Surgery** 1985 Jun;97(6):679–84

Transvascular migration of L2C leukemic cells studied in the liver of the guinea pig. Azzarelli B, et al. **Virchows Arch** [A] 1985;406(4):425–40

The sinusoidal barrier in rats with portacaval anastomosis: a morphometric study. Dubuisson L, et al. **Virchows Arch** [A] 1985;407(3):347–57

Biochemical and ultrastructural changes in rat liver plasma membranes after temporary ischemia. Frederiks WM, et al. **Virchows Arch [Cell Pathol]** 1984;46(4):269–82

[Structure and histophysiology of the sinusoidal wall] Bioulac-Sage P, et al. **Arch Anat Cytol Pathol** 1984; 32(5):271–6 (Eng. Abstr.) **(Fre)**

[Peliosis hepatis and sinusoidal dilatation] Degott C, et al. **Arch Anat Cytol Pathol** 1984;32(5):296–300 (Eng. Abstr.) **(Fre)**

[The hepatic sinusoid in hematologic pathology] Diebold J. **Arch Anat Cytol Pathol** 1984;32(5):301–6 (Eng. Abstr.) **(Fre)**

[Perisinusoidal fibrosis] Feroldi J, et al. **Arch Anat Cytol Pathol** 1984;32(5):287–95 (Eng. Abstr.) **(Fre)**

[Comparative microangiographic and histological study of hepatic metastases. Possible implications in the phenomena of contrast medium uptake in x-ray computed tomography of the neoplastic liver] Tshibwabwa-Tumba E, et al. **J Radiol** 1984 Oct;65(10):665–72 (Eng. Abstr.) **(Fre)**

[Transhepatic course of the portal vein with a subcapsular branching] Goebel N. **Digitale Bilddiagn** 1985 Jun;5(2):74–5 (Eng. Abstr.) **(Ger)**

[Anemic infarct of the liver following blunt abdominal trauma] Teufel M, et al. **Z Kinderchir** 1985 Jun;40(3):178–81 (Eng. Abstr.) **(Ger)**

[Interventional angiography of the liver] Yamada R, et al. **Kokyu To Junkan** 1984 Jul;32(7):671–6 (19 ref.) **(Jpn)**

[The effect of halothane anesthesia on the ischemic liver] Matsumoto N, et al. **Masui** 1985 Mar;34(3):319–24 (Eng. Abstr.) **(Jpn)**

[Changes in serotonin and histamine levels in blood and liver after acute hepatic ischemia] Ono J, et al. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1301–7 (Eng. Abstr.) **(Jpn)**

[The effects of hepatic ischemia on systemic blood coagulation and fibrinolysis in mongrel dogs] Shinohara M, et al. **Nippon Geka Gakkai Zasshi** 1985 May; 86(5):544–54 (Eng. Abstr.) **(Jpn)**

[Effects of water soluble iodinated contrast media on microcirculation in the rat mesenterium and liver] Kanazawa M. **Nippon Ika Daigaku Zasshi** 1984 Oct; 51(5):590–600 (Eng. Abstr.) **(Jpn)**

[Role of endogenous free iron in activating lipid peroxidation in ischemia] Kozlov AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):38–41 (Eng. Abstr.) **(Rus)**

[Hepatic circulation: anatomical and physiological analysis with reference to its clinical importance] Glasinović JC, et al. **Rev Med Chil** 1984 Oct;112(10):1044–51 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Stimulating effect of natural estrogens on proliferation of hepatocytes in adult mice. Fujii H, et al. **Acta Anat (Basel)** 1985;121(3):174–8

Liver cells binding with high insulin doses at 37 C. Cresto JC, et al. **Acta Physiol Pharmacol Latinoam** 1984; 34(4):355–66

Insulin binding and degradation in short time incubation at 37 C. Cresto JC, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(4):343–54

Disulfiram is protective against postischemic cell death in the liver. Jennische E, et al. **Acta Physiol Scand** 1984 Oct; 122(2):199–201

Cytoplasmic inclusions in hepatocytes of bone marrow transplant patients: light and electron microscopic characterization. Zubair I, et al. **Am J Clin Pathol** 1985 Jan;83(1):65–8

Postinfantile giant cell hepatitis in a patient with multiple autoimmune features. Thijs JC, et al. **Am J Gastroenterol** 1985 Apr;80(4):294–7

Comparison of isolated cells from liver, colon, and kidney of guinea pig. Burger HJ, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 1):C271–8

Binucleate cells and liver karyometry. Hildebrand R, et al. **Anat Anz** 1985;158(5):405–11

Nonparenchymal liver cells in a vertebrate without bile ducts. Youson JH, et al. **Anat Embryol (Berl)** 1985;172(1):89–96

Pit cells in extrahepatic organs of the rat. Kaneda K, et al. **Anat Rec** 1985 Feb;211(2):192–7

A transmission electron microscopic study on sinusoidal cells of guinea pig liver, with special reference to the occurrence of a canalicular system and 'pored domes' in the endothelium. Ohata M, et al. **Arch Histol Jpn** 1984 Oct; 47(4):359–76

Hepatocytes volume regulation. Lambotte L. **Arch Int Physiol Biochim** 1985 Jun;93(2):155–70

Reversible high affinity uptake of apo E-free high density lipoproteins in cultured pig hepatocytes. Bachorik PS, et al. **Arteriosclerosis** 1985 Mar–Apr;5(2):142–52

Morphological dedifferentiation of adult cardiac myocytes in coculture with hepatocytes. Spahr R, et al. **Basic Res Cardiol** 1985;80 Suppl 1:83–6

Digitonin–collagenase perfusion for efficient separation of periportal or perivenous hepatocytes. Lindros KO, et al. **Biochem J** 1985 Jun 15;228(3):757–60

Cytochrome P-450 activity in hepatocytes following cryopreservation and monolayer culture. Jackson BA, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3389–91

Driving forces in hepatocellular uptake of phalloidin and cholate. Petzinger E, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):539–48

Calcium alters the acyl chain composition and lipid fluidity of rat hepatocyte plasma membranes in vitro. Storch J, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):473–84

Reutilization of insulin receptor and hormonal response in cultured foetal hepatocytes: the effects of chloroquine and vinblastine. Pringault E, et al. **Biol Cell** 1985;53(1):13–21

A simple method for the isolation of highly enriched hormone-sensitive parenchymal liver cells from fetal rats. Schulze HP, et al. **Biomed Biochim Acta** 1984; 43(11):1227–32

Expression of latent hematopoietic progenitor cells in cultures of newborn and adult baboon liver. Roodman GD, et al. **Blood** 1985 Jun;65(6):1518–25

Receptor distribution and the endothelial uptake of transcobalamin II in liver cell suspensions. Soda R, et al. **Blood** 1985 Apr;65(4):795–802

32P-postlabeling analysis of peroxisome proliferator-DNA adduct formation in rat liver in vivo and hepatocytes in vitro. Gupta RC, et al. **Carcinogenesis** 1985 Jun;6(6):933–6

The isolation of intrahepatic biliary epithelial cells from normal rat livers. Gall JA, et al. **Cell Biol Int Rep** 1985 Apr;9(4):315–22

Modulation of fetal and neonatal rat hepatocyte functional activity by glucocorticoids in co-culture. Lescoat G, et al. **Cell Differ** 1985 Jun;16(4):259–68

Characterization of the in vitro interaction of PNAhi lymphocytes with the bone marrow and hepatic asialoglycoprotein receptors. Samlowski WE, et al. **Cell Immunol** 1985 Oct 1;95(1):1–14

Control of growth and expression of differentiated functions of mature hepatocytes in primary culture. Nakamura T, et al. **Cell Struct Funct** 1985 Mar;10(1):1–16

Liver DNA synthesis after phenytoin injection in adult NMRI mice. Lombard MN, et al. **Cell Tissue Kinet** 1985 Sep;18(5):569–71

Peroxidase-positive endothelial cells in rat liver. Litwin JA. **Cell Tissue Res** 1984;238(3):635–42

Flow cytometric analysis of mouse hepatocyte ploidy. II. The development of polyploidy pattern in four mice strains with different life spans. Severin E, et al. **Cell Tissue Res** 1984;238(3):649–52

Flow cytometric analysis of mouse hepatocyte ploidy. I. Preparative and mathematical protocol. Severin E, et al. **Cell Tissue Res** 1984;238(3):643–7

Functional and morphological characterization of cultures of Kupffer cells and liver endothelial cells prepared by means of density separation in Percoll, and selective substrate adherence. Smedsrød B, et al. **Cell Tissue Res** 1985;241(3):639–49

Glutathione status in primary cultures of rat hepatocytes and its role in cell attachment to collagen. Morrison MH, et al. **Chem Biol Interact** 1985 Feb–Apr;53(1–2):3–12

Interactions of mammalian cells with collagen. Rubin K, et al. **Ciba Found Symp** 1984;108:93–116

Viability control and oxygen consumption of isolated hepatocytes from thermally acclimated rainbow trout (Salmo gairdnerii). Seibert H. **Comp Biochem Physiol** [B] 1985;80(4):677–83

Morphological and functional development of plasma membranes of mouse hepatocytes: an autoradiographic study of asialoglycoprotein uptake during the postnatal period. Matsumoto E, et al. **Dev Biol** 1984 Nov; 106(1):211–22

Gap junctions in several tissues share antigenic determinants with liver gap junctions. Dermietzel R, et al. **EMBO J**

1984 Oct;3(10):2261-70

Nucleo-cytoplasmic flux and intracellular mobility in single hepatocytes measured by fluorescence microphotolysis. Peters R. **EMBO J** 1984 Aug;3(8):1831-6

Immunocytochemical localization of glucocorticoid receptor in target cells. Antakly T, et al. **Endocrinology** 1984 Nov;115(5):1984-9

Putative nuclear triiodothyronine receptors in tadpole liver during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Sep;117(3):912-6

Plasma membrane changes in hepatocytes from normal and regenerating rat liver. Cajone F, et al. **Eur J Cell Biol** 1985 Jul;38(1):174-7

Detection of different cellular sides in rat liver and kidney by two monoclonal antibodies raised against the nucleotide-sugar hydrolyzing enzymes phosphodiesterase I and CMP-sialic acid hydrolase. van Dijk W, et al. **Eur J Cell Biol** 1985 Jan;36(1):98-103

Metabolic activation of procarcinogens to genotoxic products in cultured rat liver cells. Murison GL, et al. **Exp Cell Biol** 1984;52(6):355-60

In vitro growth of adult amphibian (Xenopus laevis) hepatocytes and characterization of hepatocyte-proliferating activity in homologous serum. Kawahara A, et al. **Exp Cell Res** 1985 Aug;159(2):344-52

Arginase as one of the inhibitory principles in the density-dependent as well as plasma membrane-mediated inhibition of liver cell growth in vitro. Koji T, et al. **Exp Cell Res** 1984 Dec;155(2):359-70

Long-term survival of functional hepatocytes from adult rat in the presence of phenobarbital in primary culture. Miyazaki M, et al. **Exp Cell Res** 1985 Jul;159(1):176-90

Increased survival of rat hepatocytes in serum-free medium by inhibition of a trypsin-like protease associated with their plasma membranes. Nakamura T, et al. **Exp Cell Res** 1984 Nov;155(1):81-91

Identification of dipeptidyl peptidase IV as a protein shared by the plasma membrane of hepatocytes and liver biomatrix. Walborg EF Jr, et al. **Exp Cell Res** 1985 Jun;158(2):509-18

Isolated hepatocytes as experimental material for nutritional research. Introduction. Cornell NW. **Fed Proc** 1985 May;44(8):2446-7

Distribution of liver macrophages in laboratory animal and in man. Elsnerová M. **Folia Morphol (Praha)** 1984;32(3):275-8

Characterization and culture of sinusoidal endothelium from normal rat liver: lipoprotein uptake and collagen phenotype. Irving MG, et al. **Gastroenterology** 1984 Dec;87(6):1233-47

Prolonged maintenance of active cytochrome P-450 in adult rat hepatocytes co-cultured with another liver cell type. Begue JM, et al. **Hepatology** 1984 Sep-Oct;4(5):839-42

Altered thiol and calcium homeostasis in oxidative hepatocellular injury. Bellomo G, et al. **Hepatology** 1985 Sep-Oct;5(5):876-82

Transferrin and its receptor: their roles in cell function. Bomford AB, et al. **Hepatology** 1985 Sep-Oct;5(5):870-5 (74 ref.)

Cellular theories of aging as related to the liver. Dice JF. **Hepatology** 1985 May-Jun;5(3):508-13

Culture of sinusoidal endothelial cells [letter] Kirn A. **Hepatology** 1985 Jan-Feb;5(1):168-9

The effect of 3-palmitoyl-(+)-catechin on Kupffer cells in guinea pig liver. Piazza M, et al. **Hepatology** 1985 Sep-Oct;5(5):867-9

Histological demonstration of immunoreactive zinc metallothionein in liver and ileum of rat and man. Clarkson JP, et al. **Histochem J** 1985 Mar;17(3):343-52

Cytochemistry of the tubular aggregates found in hepatocytes of interferon-treated suckling mice. Moss J, et al. **Histochem J** 1985 Jan;17(1):33-41

Microfluorometric estimates of proteins associated with murine hepatocyte and thymocyte nuclei, residual structures, and nuclear matrix derivatives. Curtis SK, et al. **Histochemistry** 1985;82(4):331-9

Rat liver epithelial cell cultures in a serum-free medium: primary cultures and derived cell lines expressing differentiated functions. Chessebeuf M, et al. **In Vitro** 1984 Oct;20(10):780-95

Lack of coordination between glucose-6-phosphatase and gamma glutamyltranspeptidase activities in rat hepatocytes maintained in primary culture. Dobrosielski-Vergona K. **In Vitro** 1984 Nov;20(11):889-92

Biochemical functionality and recovery of hepatocytes after deep freezing storage. Gómez-Lechón MJ, et al. **In Vitro** 1984 Nov;20(11):826-32

Monolayer culture of parenchymal rat hepatocytes on collagen-coated microcarriers. A hepatocyte system for short- and long-term metabolic studies. Agius L, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):254-9

Extracellular matrix (ECM) modulates the EGF-induced migration of liver epithelial cells in serum-free, hormone-supplemented medium. Bade EG, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):245-8

Proline is required for the stimulation of DNA synthesis in hepatocyte cultures by EGF. Houck KA, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):121-4

Isolation and culture of hepatocytes from human liver of immediate autopsy. Hsu IC, et al. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):154-60

Trout hepatocyte culture: isolation and primary culture. Klaunig JE, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):221-8

Long-term culture and passage of human fetal liver cells that synthesize albumin. Sells MA, et al. **In Vitro Cell Dev Biol** 1985 Apr;21(4):216-20

The modulation of growth of normal rat liver epithelial cells in calcium-poor medium by epidermal growth factor, phenobarbital, phorbol ester, and retinoic acid. Tsao MS, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):249-53

The occurrence of thermotolerance in non-proliferating rat hepatocytes in primary culture. Schamhart DH, et al. **Int J Radiat Biol** 1985 Feb;47(2):213-8

Lymphoid cells and granulocyte progenitors in early human fetal livers: immunological parameters and in vitro cellular interactions. Barak Y, et al. **Isr J Med Sci** 1985 Jan;21(1):12-7

A technique for isolation of bovine hepatocytes. Forsell JH, et al. **J Anim Sci** 1985 Jun;60(6):1597-609

Turnover of plasma membrane proteins in rat hepatoma cells and primary cultures of rat hepatocytes. Chu FF, et al. **J Biol Chem** 1985 Mar 10;260(5):3097-107

Suitability of primary monolayer cultures of adult rat hepatocytes for studies of cholesterol and bile acid metabolism. Hylemon PB, et al. **J Biol Chem** 1985 Jan 25;260(2):1015-9

Spheroidal aggregate culture of rat liver cells: histotypic reorganization, biomatrix deposition, and maintenance of functional activities. Landry J, et al. **J Cell Biol** 1985 Sep;101(3):914-23

Differential responsiveness of cultured suckling and adult rat hepatocytes to growth-promoting factors: entry into S phase and mitosis. Baribault H, et al. **J Cell Physiol** 1985 Jan;122(1):105-12

Immunological studies of an organic anion-binding protein isolated from rat liver cell plasma membrane. Wolkoff AW, et al. **J Clin Invest** 1985 Aug;76(2):454-9

Effect of eugenol on respiration and division in human pulp, mouse fibroblasts, and liver cells in vitro. Hume WR. **J Dent Res** 1984 Nov;63(11):1262-5

Long-term cultures of murine fetal liver retain very early B lymphoid phenotype. Denis KA, et al. **J Exp Med** 1984 Oct 1;160(4):1087-101

Augmentation of organ-associated natural killer activity by biological response modifiers. Isolation and characterization of large granular lymphocytes from the liver. Wiltrout RH, et al. **J Exp Med** 1984 Nov 1;160(5):1431-49

Characterization and cell cycle kinetics of hepatocyte populations isolated from adult liver tissue by a nonenzymatic procedure. Higgins PJ, et al. **J Histochem Cytochem** 1985 Jul;33(7):672-6

Application of a new method of antibody-enzyme conjugation with maleimide derivative for immunohistochemistry: hepatocellular production, interstitial tissue distribution, and renal cell reabsorption of plasma albumin in guinea pig. Tsuruta J, et al. **J Histochem Cytochem** 1985 Aug;33(8):767-77

Postnatal liver hemopoiesis in mice: generation of pre-B cells, granulocytes, and erythrocytes in discrete colonies. Grossi CE, et al. **J Immunol** 1985 Oct;135(4):2303-11

Immune lysis of hepatocytes in culture: accurate detection by aspartate aminotransferase release measurement. Feutren G, et al. **J Immunol Methods** 1984 Dec 14;75(1):85-94

Proliferation, kinetics, and fate of monocytes in rat liver during a zymosan-induced inflammation. Bouwens L, et al. **J Leukocyte Biol** 1985 May;37(5):531-43

Preparation of pure hepatocytes and reticuloendothelial cells in high yield from a single rat liver by means of Percoll centrifugation and selective adherence. Smedsrød B, et al. **J Leukocyte Biol** 1985 Aug;38(2):213-30

Critical-point drying versus freeze drying for scanning electron microscopy: a quantitative and qualitative study on isolated hepatocytes. Nordestgaard BG, et al. **J Microsc** 1985 Feb;137 (Pt 2):189-207

Immortalization in culture of rat cells: a genealogic study. Matsumura T, et al. **JNCI** 1985 Jun;74(6):1223-32

Coordination of the contractile activity of bile canaliculi. Evidence from spontaneous contractions in vitro. Smith CR, et al. **Lab Invest** 1985 Sep;53(3):270-4

Coordination of the contractile activity of bile canaliculi. Evidence from calcium microinjection of triplet hepatocytes. Watanabe S, et al. **Lab Invest** 1985 Sep;53(3):275-9

In-vitro culture of exoerythrocytic form of Plasmodium falciparum in adult human hepatocytes [letter] Smith JE, et al. **Lancet** 1984 Sep 29;2(8405):757-8

Establishment of rat fetal liver lines and characterization of their metabolic and hormonal properties: use of temperature-sensitive SV40 virus. Chou JY. **Methods Enzymol** 1985;109:385-96

Nuclear-cytoplasmic distribution of ions in the hepatocyte. Cameron IL, et al. **Physiol Chem Phys Med NMR** 1984;16(6):521-5

Isolated rat hepatocyte couplets: a primary secretory unit for electrophysiologic studies of bile secretory function. Graf J, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6516-20

Maintenance of differentiated rat hepatocytes in primary culture. Isom HC, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3252-6

Immunological characteristics of cells entering the liver with portal blood. Lukomska B, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1069-74

Characteristics of the strongly Ia-positive cells in rat liver. Lautenschlager I. **Scand J Immunol** 1984 Oct;20(4):333-8

Induction of DNA synthesis in cultured rat hepatocytes through stimulation of alpha 1 adrenoreceptor by norepinephrine. Cruise JL, et al. **Science** 1985 Feb 15;227(4688):749-51

Eicosanoids, signal molecules of liver cells. Decker K. **Semin Liver Dis** 1985 May;5(2):175-90 (116 ref.)

Functional aspects of hepatic sinusoidal cells. Jones EA, et al. **Semin Liver Dis** 1985 May;5(2):157-74 (193 ref.)

Membrane effects of various drugs on isolated rat hepatocytes and erythrocytes. Yasuhara H, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):453-60

Activation of styrene to styrene oxide in hepatocytes and subcellular fractions of rat liver. Belvedere G, et al. **Toxicol Lett** 1984 Nov;23(2):157-62

Culture-generated suppressor cells: the same lineage as the source of suppressor cells derived from young mice and adult mice. Rollwagen FM, et al. **Transplantation** 1985 May;39(5):554-5

The influence of environmental factors upon induced compensatory hyperplasia in the rat liver. Alison MR, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):167-73

A cytophotometrical study on the centenarian hepatocyte. Watanabe T, et al. **Virchows Arch [Cell Pathol]** 1984;46(3):265-8

Hemopoiesis in the fetal liver of the Egyptian water buffalo (Bos bubalis). Osman AH, et al. **Z Mikrosk Anat Forsch** 1985;99(2):219-24

[Culture of human hepatocytes. Findings and outlook] Bourel M, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):159-62 (Eng. Abstr.) **(Fre)**

[Receptor binding. Cellular response in the action of hormones mobilizing calcium in the liver] Poggioli J, et al. **Biochimie** 1985 May;67(5):IX-XI **(Fre)**

[The culture of human hepatocytes. Experience and perspectives] Bourel M, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):733-40 (Eng. Abstr.) **(Fre)**

[Inhibitory effect of human alpha 2-macroglobulin and a peptide released by trypsin, on the G1-S transition of hepatocytes in vivo] Boffa GA, et al. **C R Acad Sci [III]** 1985;300(2):31-6 (Eng. Abstr.) **(Fre)**

[Impulse cytofluorometry of the redox activity of single cells using fluorescent formazan] Severin E, et al. **Acta Histochem (Jena)** 1984;75(1):101-5 (Eng. Abstr.) **(Ger)**

[Evolutive morphological adaptation of hepatocytes of various vertebrate species to basal metabolism and body weight] Oberholzer M, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:73-8 **(Ger)**

[Functional liver cell heterogeneity] Häussinger D, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):245-53 (Eng. Abstr.) **(Ger)**

[The hepatocyte as a model for studies of intermediate metabolism] Dargel R. **Z Med Lab Diagn** 1985;26(1):3-8 **(Ger)**

[Regeneration of liver parenchyma and sinusoidal cells following partial hepatectomy] Simon H, et al. **Zentralbl Allg Pathol** 1985;130(1):57-62 (Eng. Abstr.) **(Ger)**

[Adult human liver cells grown in a culture media containing a transforming factor similar to epidermal growth factor] Actis GC, et al. **Recenti Prog Med** 1985 Mar;76(3):125-9 (Eng. Abstr.) **(Ita)**

[Reciprocal regulation of growth and differentiation in hepatocytes by cell surface modulator and loss of regulation during carcinogenesis] Nakamura T. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):677-84 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of hepatocellular regeneration after partial hepatectomy and administration of hepatotrophic factors] Sato N. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):799-810 (Eng. Abstr.) **(Jpn)**

[Effect of a single dose of iron on ferritin synthesis in isolated rat hepatocytes] Suzuki E. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):473-81 (Eng. Abstr.) **(Jpn)**

[A cytophotometrical study on the hepatocyte of centenarians] Watanabe T, et al. **Nippon Ronen Igakkai Zasshi** 1984 May;21(3):261-7 (Eng. Abstr.) **(Jpn)**

[The effects of sex hormones on Kupffer cell-mediated hepatocytotoxicity] Arai T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):94-9 (Eng. Abstr.) **(Jpn)**

[Studies on hepatocellular injury in experimentally induced acute hepatic failure--I. Possible involvement of the activated adherent cells] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):603-9 (Eng. Abstr.) **(Jpn)**

[Capacity of intact and regenerating liver to trap CFUs] Starostin VI, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):344-5 (Eng. Abstr.) **(Rus)**

[Heterogeneity of splenic colonies formed by clonogenic hematopoietic cells of embryonic liver] Domaratskaia EI, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1216-8 **(Rus)**

[Use of a suspension of allogeneic liver cells in treating patients with acute liver and liver-kidney failure] Komarov BD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):34-7 (Eng. Abstr.) **(Rus)**

[Use of isolated living hepatocytes in the treatment of liver failure (review of the literature)] Margulis MS, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):150–3 (18 ref.) **(Rus)**

[Optical study using ultrastructural time-lapse microcinematography of liver parenchymal and sinusoidal cells maintained in co-cultivation. 1] Boix Ferrero J, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):25–35 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Effect of plasticizers on the polyprene distribution in the liver. Edlund C, et al. **Acta Chem Scand [B]** 1985; 39(4):315–7

Effect of prolonged phthalate ester administration on rat liver. Ganning AE, et al. **Acta Chem Scand [B]** 1985; 39(4):319–22

Tissue pO2 and pCO2 in the gastrointestinal tract and liver during intravenous vasopressin infusion. An experimental study in pigs. Korsbäck C. **Acta Chir Scand** 1984; 150(8):593–7

Favorable effects of glibenclamide in a patient exhibiting idiosyncratic hepatotoxic reactions to both chlorpropamide and tolbutamide. Rumboldt Z, et al. **Acta Diabetol Lat** 1984 Oct–Dec;21(4):387–91

Metallothionein synthesis in liver and kidney and enzymhistochemical changes in the testis induced by cadmium treatment. Passia D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:159–65

Effects of sake and bourbon on liver histopathology and function in rats. Kitadai M, et al. **Acta Med Okayama** 1984 Dec;38(6):493–9

Transformation of primary cultured and co-cultured adult rat liver cells by 3'-methyl-4-dimethylaminoazobenzene. Miyazaki M, et al. **Acta Med Okayama** 1985 Jun;39(3):231–8

Potentiation of carbon tetrachloride hepatotoxicity by beta-phenethyl alcohol. Watanabe A, et al. **Actc Med Okayama** 1984 Oct;38(5):453–9

A comparative study of guanine N7-alkylation in mice in vivo by the organophosphorus insecticides trichlorphon, dimethoate, phosmet and bromophos. Dedek W, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):104–9

Hepatotoxicity of hornet's venom sac extract in isolated perfused rat liver. Neuman MG, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):133–8

Effect of hypoxia on the metabolism and hepatotoxicity of carbon tetrachloride and vinylidene chloride in rats. Siegers CP, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb; 56(2):81–6

Therapeutic effect of (+)-cyanidanol-3 in toxic alcoholic liver disease and in chronic active hepatitis. Abonyi M, et al. **Acta Physiol Hung** 1984;64(3–4):455–60

Experimental models for the study of hepatoprotection. Fehér J, et al. **Acta Physiol Hung** 1984;64(3–4):401–7

Clinical, enzymological and histological changes in chronic diffuse liver diseases following (+)-cyanidanol-3 (Catergen) treatment. Halmy L, et al. **Acta Physiol Hung** 1984;64(3–4):461–70

Effects of (+)-cyanidanol-3 on chronic liver injury. Kovách G, et al. **Acta Physiol Hung** 1984;64(3–4):443–8

Alternatives in hepatoprotection: cytoprotection--influences on mono-oxidase system--free radical scavengers (a review). Pár A, et al. **Acta Physiol Hung** 1984; 64(3–4):409–23

Inhibition of hepatic drug metabolism by (+)-cyanidanol-3 (Catergen) in chronic alcoholic liver disease. Pár A, et al. **Acta Physiol Hung** 1984;64(3–4):449–54

Might the cell damaging effect of alcohol be prevented by redox agents? Prager P, et al. **Acta Physiol Hung** 1984; 64(3–4):489–94

Inhibition of doxorubicin-induced liver toxicity by a new dihydroquinoline type antioxidant. Sréter I, et al. **Acta Physiol Hung** 1984;64(3–4):431–5

Liver lipid peroxidation induced by cholesterol and its treatment with a dihydroquinoline type free radical scavenger in rabbits. Sulyok S, et al. **Acta Physiol Hung** 1984;64(3–4):437–42

Effect of PGI2 in carbon tetrachloride-induced liver injury. Ujhelyi E, et al. **Acta Physiol Hung** 1984;64(3–4):425–30

Effect of ioxaglate on the liver and pancreas following selective visceral angiography in man. Nilsson PE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):395–400

Increased hepatic density and phospholipidosis due to amiodarone. Goldman IS, et al. **AJR** 1985 Mar;144(3):541–6

Dependence of ethanol-induced redox shift on hepatic oxygen tensions prevailing in vivo. Jauhonen VP, et al. **Alcohol** 1985 Jan–Feb;2(1):163–7

Alcohol dehydrogenase: a new sensitive marker of hepatic centrilobular damage. Kato S, et al. **Alcohol** 1985 Jan–Feb; 2(1):35–8

The effect of ethanol and calcium on fluid state of plasma membranes of rat hepatocytes. Mills PR, et al. **Alcohol** 1985 Jan–Feb;2(1):153–6

Ethanol increases rat liver tryptophan oxygenase: evidence for corticosterone mediation. Mørland J, et al. **Alcohol** 1985 Mar–Apr;2(2):255–9

Relationship of endocrine status on the stimulatory effect of ethanol on hepatic very low density lipoprotein synthesis. Lakshmanan MR, et al. **Alcoholism (NY)** 1984 Jul–Aug;8(4):359–61

Alcohol consumption and high density lipoprotein cholesterol concentration among alcoholics. Dai WS, et al. **Am J Epidemiol** 1985 Oct;122(4):620–7

Comparison of hepatic impact of oral and vaginal administration of ethinyl estradiol. Goebelsmann U, et al. **Am J Obstet Gynecol** 1985 Apr 1;151(7):868–77

Phenotypic and karyotypic changes induced in cultured rat hepatic epithelial cells that express the 'oval' cell phenotype by exposure to N-methyl-N'-nitro-N-nitrosoguanidine. Tsao MS, et al. **Am J Pathol** 1985 Feb;118(2):306–15

Selective insulinization of liver in conscious diabetic dogs. Spangler RS. **Am J Physiol** 1985 Aug;249(2 Pt 1):E152–9

Effect of ophthalmic prednisolone acetate on the canine adrenal gland and hepatic function. Roberts SM, et al. **Am J Vet Res** 1984 Sep;45(9):1711–4

Effect of halothane on rat liver adenylate cyclase: role of cytosol components. Bernstein KJ, et al. **Anesth Analg** 1985 May;64(5):531–7

Nitrous oxide, too, is hepatotoxic in rats. Fassoulaki A, et al. **Anesth Analg** 1984 Dec;63(12):1076–80

Isoflurane and hepatic dysfunction [letter] Lambert DH. **Anesth Analg** 1985 Apr;64(4):458–60

Liver circulation and function during isoflurane and halothane anesthesia. Gelman S, et al. **Anesthesiology** 1984 Dec;61(6):726–30

The involvement of endotoxin in halothane-associated liver injury. Lind RC, et al. **Anesthesiology** 1984 Nov; 61(5):544–50

Halothane anesthesia does not exacerbate hepatic dysfunction in cirrhotic rats. Maze M, et al. **Anesthesiology** 1985 Jan; 62(1):1–5

Isolation-perfusion of the liver with 5-fluorouracil. Sindelar WF. **Ann Surg** 1985 Mar;201(3):337–43

Acceleration of rat liver phospholipid metabolism after long-term cadmium administration. Waku K, et al. **Arch Biochem Biophys** 1985 May 1;238(2):509–16

Alteration of rat hepatic plasma membrane functions by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Matsumura F, et al. **Arch Environ Contam Toxicol** 1984 Sep; 13(5):509–15

Effect of alanine transport on ionic fluxes across the cell membrane in rat liver. Fafournoux P, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):369–78

Phenytoin effects on liver and kidney structure of the rat. García-Estrada J, et al. **Arch Invest Med (Mex)** 1985 Jan–Mar;16(1):1–10 **(Eng, Spa)**

Effects of chlorinated paraffins on liver weight, cytochrome P-450 concentration and microsomal enzyme activities in chick embryos. Brunström B. **Arch Toxicol** 1985 Apr; 57(1):69–71

Trichloroethylene effects on the formation of enzyme-altered foci in rat liver. Milks MM, et al. **Arch Toxicol** 1984 Dec; 56(2):69–73

Factors influencing peroxisome proliferation in cultured rat hepatocytes. Mitchell AM, et al. **Arch Toxicol** 1984 Oct; 55(4):239–46

Effect of ethanol on carbon tetrachloride levels and hepatotoxicity after acute carbon tetrachloride poisoning. Teschke R, et al. **Arch Toxicol** 1984 Dec;56(2):78–82

Relationships between the pharmacokinetics of carbon tetrachloride conversion to carbon dioxide and chloroform and liver injury. Reynolds ES, et al. **Arch Toxicol [Suppl]** 1984;7:303–6

Paracetamol hepatic necrosis and its prevention by cholestyramine. Rosa H, et al. **Arq Gastroenterol** 1984 Oct–Dec;21(4):164–6

Hepatic actions of progestogenic steroids. Kulcsár A, et al. **Arzneimittelforsch** 1984;34(10):1301–5

Bromodeoxyuridine treatment of rat liver cells in culture induces an increased metabolic conversion of exogenous ornithine. Avdalovic N, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):746–52

Ethanol inhibits hormone stimulated hepatocyte DNA synthesis. Carter EA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):767–74

Oxygen-mediated cell injury in the killing of cultured hepatocytes by acetaminophen. Gerson RJ, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1129–37

Possible involvement of cyclooxygenase products in the actions of platelet-activating factor and of lipoxygenase products in the vascular effects of epinephrine in perfused rat liver. Mendlovic F, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):507–14

Effects of D- and L-thyroxine on the glucocorticoid binding capacity of adult rat liver. Naito K, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):447–52

Aflatoxin B1 alters protein phosphorylation in rat livers. Viviers J, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):342–9

Alterations in hepatic heme metabolism in fish exposed to sublethal cadmium levels. Dalwani R, et al. **Biochem Int** 1985 Jan;10(1):33–42

Effect of intratracheally instilled benzo(a)pyrene on the pulmonary and hepatic drug-metabolizing enzymes in normal and vitamin A deficient rats. Dogra SC, et al. **Biochem Int** 1985 Mar;10(3):373–83

Failure of cis-platinum to alter metal concentrations in the liver and kidney of the rat. Kinsler S, et al. **Biochem Int** 1985 Jun;10(6):847–53

Differential lipid peroxidative response of rat liver and lung tissues to glutathione depletion induced in vivo by diethyl maleate: effect of the antioxidant flavonoid (+)-cyanidanol-3. Videla LA, et al. **Biochem Int** 1985 Mar; 10(3):425–33

Protection of rats by clofibrate against the hypoglycaemic and toxic effects of hypoglycin and pent-4-enoate. An ultrastructural and biochemical study. Van Hoof F, et al. **Biochem J** 1985 Jul 15;229(2):387–97

Effect of clofibrate on peroxisomal and mitochondrial beta-oxidation in chicken liver. Ishii S, et al. **Biochem Med** 1985 Jun;33(3):387–92

Lipid peroxidation, protein synthesis, and protection by calcium EDTA in paracetamol injury to isolated hepatocytes. Beales D, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):19–23

Effects of propylthiouracil on D-galactosamine hepatotoxicity in the rat. Evidence for a non-thyroidal effect. Cooper DS, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3391–7

A study into the effects of 2-acetylaminofluorene on hepatic monooxygenase activities in the chick embryo. Darby NJ, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2669–74

Mechanism of manganese-induced tolerance to cadmium lethality and hepatotoxicity. Goering PL, et al. **Biochem Pharmacol** 1985 May 1;34(9):1371–9

Effects of long-term administration of clofibric acid on peroxisomal beta-oxidation, fatty acid-binding protein and cytosolic long-chain acyl-CoA hydrolases in rat liver. Kawashima Y, et al. **Biochem Pharmacol** 1985 Feb 1; 34(3):325–9

Neonatal chlordecone alteration of the ontogeny of sex-differentiated hepatic drug and xenobiotic metabolizing enzymes. Lamartiniere CA, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4092–5

Cellular pharmacology of deferrioxamine B and derivatives in cultured rat hepatocytes in relation to iron mobilization. Laub R, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1175–83

A novel biologically active selenoorganic compound--IV. Protective glutathione-dependent effect of PZ 51 (ebselen) against ADP-Fe induced lipid peroxidation in isolated hepatocytes. Müller A, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1185–9

Potentiated hepatotoxicity from concurrent administration of acetaminophen and allyl alcohol to rats. Poulsen HE, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):727–31

Forskolin effects on the beta-adrenergic responsiveness of rat hepatocytes. Pushpendran CK, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3099–101

Silymarin protection against hepatic lipid peroxidation induced by acute ethanol intoxication in the rat. Valenzuela A, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2209–12

Effects of erythromycin derivatives on cultured rat hepatocytes. Villa P, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4098–101

Possible involvement of two mechanisms of signal transduction in alpha 1-adrenergic action. Selective effect of cycloheximide. Huerta-Bahena J, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):131–7

Effects of insulin on the lipid structure of liver plasma membrane measured with fluorescence and ESR spectroscopic methods. Hyslop PA, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):267–78

Effects of antilipolytic agents on rat liver peroxisomes and peroxisomal oxidative activities. Locci Cubeddu T, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):96–104

The influence of glucocorticoid on albumin synthesis and its messenger RNA in rat in vivo and in hepatocyte suspension culture. Moshage HJ, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):27–33

The insecticide DDT decreases membrane potential and cell input resistance of cultured human liver cells. Schefczik K, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):337–9

Inhibition of gluconeogenesis by 2,5-anhydro-D-mannitol in isolated rat hepatocytes. Stevens HC, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):502–6

Insulin effect on translational diffusion of lipids and proteins in the plasma membrane of isolated rat hepatocytes. Stuschke M, et al. **Biochim Biophys Acta** 1985 Jun 30; 845(3):436–44

Modified somatostatins as inhibitors of a multispecific transport system for bile acids and phallotoxins in isolated hepatocytes. Ziegler K, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):86–93

Action of polyamines on ribonucleic acid and protein synthesis during ontogeny of human fetal liver. Choudhury I, et al. **Biol Neonate** 1984;46(5):209–14

The mechanism of alpha-adrenergic agonist action in liver. Reinhart PH, et al. **Biol Rev** 1984 Nov;59(4):511–57 (279 ref.)

Serial liver biopsies in psoriatic patients receiving long-term etretinate. Roenigk HH Jr, et al. **Br J Dermatol** 1985 Jan; 112(1):77–81

Androgenic steroid effects on liver and red cells. Alén M. **Br J Sports Med** 1985 Mar;19(1):15–20

An electron microscopic and biochemical study of the effects of glucagon on newborn rat hepatocytes. Kotoulas OB. **Bull Assoc Anat (Nancy)** 1984 Jun;68(201):189–97

Inhibition of liver glycolysis in rats by dietary dichlone (2,3-dichloro-1,4-naphthoquinone). Pritsos CA, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):23–8

The disposition and the liver and thymus gland toxicity of 3,3',4,4'-tetrachlorobiphenyl in the female rat. Clarke DW, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1253–60

Effects of intra-arterially infused biodegradable microspheres containing mitomycin C. Fujimoto S, et al. **Cancer** 1985 Feb 1;55(3):522–6

Lysosomal alterations in heart and liver of mice treated with doxorubicin. Gebbia N, et al. **Cancer Chemother Pharmacol** 1985;15(1):26-30

Induction of DNA damage and repair synthesis in freshly isolated rat hepatocytes by the proallatocidin precocene II. Hsia MT, et al. **Cancer Lett** 1985 Apr;26(3):311-8

Selective resistance to cytotoxic agents in hepatocytes isolated from partially hepatectomized and neoplastic mouse liver. Ruch RJ, et al. **Cancer Lett** 1985 Apr; 26(3):295-301

Dose-dependent effects of butylated hydroxyanisole, butylated hydroxytoluene and ethoxyquin in induction of foci of rat liver cells containing the placental form of glutathione S-transferase. Thamavit W, et al. **Cancer Lett** 1985 Jul;27(3):295-303

Effects of the hepatocarcinogen nafenopin, a peroxisome proliferator, on the activities of rat liver glutathione-requiring enzymes and catalase in comparison to the action of phenobarbital. Furukawa K, et al. **Cancer Res** 1985 Oct;45(10):5011-9

Role of reactive oxygen intermediates in the interferon-mediated depression of hepatic drug metabolism and protective effect of N-acetylcysteine in mice. Ghezzi P, et al. **Cancer Res** 1985 Aug;45(8):3444-7

Carcinogenesis by nonmutagenic chemicals: early response of rat liver cells induced by methapyrilene. Iype PT, et al. **Cancer Res** 1985 May;45(5):2184-91

Effect of glutathione depletion on the hepatotoxicity and covalent binding rat liver macromolecules of N-hydroxy-2-acetylaminofluorene. Meerman JH, et al. **Cancer Res** 1985 Mar;45(3):1132-9

Genotoxicity of a variety of pyrrolizidine alkaloids in the hepatocyte primary culture-DNA repair test using rat, mouse, and hamster hepatocytes. Mori H, et al. **Cancer Res** 1985 Jul;45(7):3125-9

Hepatopoietin A: partial characterization and trypsin activation of a hepatocyte growth factor. Thaler FJ, et al. **Cancer Res** 1985 Jun;45(6):2545-9

Gradation of carcinogen-induced capacity for anchorage-independent growth in cultured rat liver epithelial cells. Tsao MS, et al. **Cancer Res** 1985 Sep; 45(9):4428-32

Hepatic toxicity of low doses of mithramycin in hypercalcemia. Green L, et al. **Cancer Treat Rep** 1984 Nov; 68(11):1379-81

The stimulation by the tumour promoters 12-O-tetradecanoylphorbol-13-acetate and phenobarbital of the growth of primary neonatal rat hepatocytes. Armato U, et al. **Carcinogenesis** 1985 Jun;6(6):811-22

Exogenous Cu,Zn-superoxide dismutase suppresses the stimulation of neonatal rat hepatocytes' growth by tumor promoters. Armato U, et al. **Carcinogenesis** 1984 Dec; 5(12):1547-55

Use of an in vivo/in vitro rat liver DNA repair assay to predict the relative rodent hepatocarcinogenic potency of 3 new azo mutagens. Beije B, et al. **Carcinogenesis** 1985 Apr;6(4):611-5

Lack of genotoxic activity of di(2-ethylhexyl)phthalate (DEHP) in rat and human hepatocytes. Butterworth BE, et al. **Carcinogenesis** 1984 Oct;5(10):1329-35

The quantitative analysis and stability of histochemical markers of altered hepatic foci in rat liver following initiation by diethylnitrosamine administration and promotion with phenobarbital. Goldsworthy TL, et al. **Carcinogenesis** 1985 Sep;6(9):1261-9

Reduced DNA repair response of cells from carcinogen-induced rat liver altered foci exposed to chemical carcinogens in culture. Mori H, et al. **Carcinogenesis** 1985 Aug;6(8):1087-90

Orotic acid, a promoter of liver carcinogenesis induces DNA damage in rat liver. Rao PM, et al. **Carcinogenesis** 1985 May;6(5):765-8

Irreversible depression in the ratio of tetraploid:diploid liver nuclei in rats treated with 3'-methyl-4-dimethylaminoazobenzene (3'M). Styles J, et al. **Carcinogenesis** 1985 Jan;6(1):21-8

Evidence for lack of promotion of the growth of the common naturally occurring basophilic focal hepatocellular proliferative lesions in aged F344/NCr rats by phenobarbital. Ward JM, et al. **Carcinogenesis** 1985 Sep; 6(9):1255-9

Nafenopin-induced rat liver peroxisome proliferation reduces DNA methylation by N-nitrosodimethylamine in vivo. Wiestler OD, et al. **Carcinogenesis** 1985 Sep;6(9):1309-13

The effect of various aldehydes on the respiration of rat liver and hepatoma AH-130 cells. Canuto RA, et al. **Cell Biochem Funct** 1985 Jan;3(1):3-8

The cytotoxicity of bleomycin A2 on adult rat liver epithelial cell lines at different stages of spontaneous cell transformation. Jacquey AM, et al. **Cell Biol Int Rep** 1985 May;9(5):429-39

Methylated purines formed in DNA by dimethylnitrosamine in rats previously exposed to hepatotoxic and hepatocarcinogenic regimes: effects on the repair of O6-methylguanine. Cooper DP, et al. **Chem Biol Interact** 1985 May;53(3):283-301 (52 ref.)

Early liver alterations induced by the sex-dependent hepatocarcinogen beta-blocker ZAMI 1305. Presta M, et al. **Chem Biol Interact** 1984 Dec;52(2):203-12

Effect of ketoconazole on hepatic oxidative drug metabolism. Brown MW, et al. **Clin Pharmacol Ther** 1985 Mar; 37(3):290-7

Effects of influenza virus vaccine on hepatic drug metabolism. Meredith CG, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):396-401

Effects of nadolol and propranolol on plasma lidocaine clearance. Schneck DW, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):584-7

Gold: hepatotoxic and cholestatic reactions. Hanissian AS, et al. **Clin Rheumatol** 1985 Jun;4(2):183-8

Effects of insulin on glycogen metabolism in isolated and perfused catfish liver. Ottolenghi C, et al. **Comp Biochem Physiol [A]** 1985;80(1):135-8

A comparative study of the hepatotoxicity of monochlorobenzene in the rainbow trout (Salmo gairdnerii) and the Sprague-Dawley rat. Dalich GM, et al. **Comp Biochem Physiol [C]** 1985;80(1):115-22

Induction of liver glycogenolysis by phenylephrine: comparison between superfusion and perfusion techniques. Leskovac V, et al. **Comp Biochem Physiol [C]** 1985; 80(2):371-4

Effect of subdermal levonorgestrel contraceptive implants, Norplant, on liver functions. Shaaban MM, et al. **Contraception** 1984 Nov;30(5):407-12

Amiloride inhibition of triiodothyronine stimulated hepatocyte proliferation in vivo, and involvement of the intracellular Na+ content in mitotic regulation: an X-ray microanalytic study. Pieri C, et al. **Cytobios** 1984; 41(162):71-83

Effect of E-series prostaglandins on cyclic AMP-dependent and -independent hormone-stimulated glycogenolysis in hepatocytes. Brass EP, et al. **Diabetes** 1985 Mar;34(3):291-4

Evidence that bacitracin alters intracellular insulin metabolism in isolated rat hepatocytes. Peavy DE, et al. **Diabetes** 1985 Mar;34(3):217-21

Effect of chenodeoxycholic and ursodeoxycholic acids on isolated adult human hepatocytes. Miyazaki K, et al. **Dig Dis Sci** 1984 Dec;29(12):1123-30

Oxidative capacity and ethanol. An in vivo study on hepatocytes and some brain regions of the female rat. Parafita MA, et al. **Drug Alcohol Depend** 1985 May; 15(1-2):73-80

Cytological changes occurring in the liver of coturnix quail with an acute arsenic exposure. Nystrom RR. **Drug Chem Toxicol** 1984;7(6):587-94

Hepatic mixed function oxidases and cytochrome P-450 contents in rat pups exposed to di-(2-ethylhexyl)phthalate through mother's milk. Parmar D, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):368-70

Interferon reduces hepatic drug metabolism in vivo in mice. Taylor G, et al. **Drug Metab Dispos** 1985 Jul-Aug; 13(4):459-63

The effect of methotrexate on homocysteine methylating agents in rat liver. Barak AJ, et al. **Drug Nutr Interact** 1982;1(4):303-6

Methotrexate effects on hepatic betaine levels in choline-supplemented and choline-deficient rats. Barak AJ, et al. **Drug Nutr Interact** 1982;1(4):275-8

Dietary cholesterol-induced changes of xenobiotic metabolism in liver. I. Influence of xenobiotic administration on hepatic membrane structure. Hietanen E, et al. **Drug Nutr Interact** 1982;1(4):279-92

Dietary cholesterol-induced changes of xenobiotic metabolism in liver. II. Effects of phenobarbitone and carbon tetrachloride on activities of drug-metabolizing enzymes. Hietanen E, et al. **Drug Nutr Interact** 1982; 1(4):313-27

Ascorbic acid protects against acetaminophen- and cocaine-induced hepatic damage in mice. Peterson FJ, et al. **Drug Nutr Interact** 1984;3(1):33-41

Effects of dietary methionine and ethanol on acetaminophen hepatotoxicity in mice. Reicks MM, et al. **Drug Nutr Interact** 1984;3(1):43-51

A study on the source of increased serum alkaline phosphatase in rats treated with ethinyl oestradiol or testosterone undecanoate. Attia MA, et al. **DTW** 1985 Mar 8;92(3):97-100

Studies on some biological differences between the chiral forms of methyl-1-naphthyl-p-nitrophenyl phosphorothionate. Akintonwa DA. **Ecotoxicol Environ Safety** 1985 Feb;9(1):53-63

Absence of initiating activity by quercetin in the rat liver. Kato K, et al. **Ecotoxicol Environ Safety** 1985 Aug; 10(1):63-9

Enhanced hepatic insulin sensitivity and peripheral glucose uptake in cold acclimating rats. Cunningham JJ, et al. **Endocrinology** 1985 Oct;117(4):1585-9

Prolactin directly stimulates the liver in vivo to secrete a factor (synlactin) which acts synergistically with the hormone. Mick CC, et al. **Endocrinology** 1985 May; 116(5):2049-53

Clinical evaluation of liver structure and function in humans exposed to halogenated hydrocarbons. Guzelian PS. **Environ Health Perspect** 1985 May;60:159-64

Proliferative lesions of the glandular stomach and liver in F344 rats fed diets containing Aroclor 1254. Ward JM. **Environ Health Perspect** 1985 May;60:89-95

Genotoxicity of the cooked-food mutagens IQ and MeIQ in primary cultures of rat, hamster, and guinea pig hepatocytes. Loury DJ, et al. **Environ Mutagen** 1985; 7(2):245-54

Influence of zinc chloride on the metabolism and hepatotoxicity of bromobenzene in rats. Chakrabarti S, et al. **Environ Res** 1985 Jun;37(1):192-204

Ozone-related fluorescent compounds in mouse liver and lung. Csallany AS, et al. **Environ Res** 1985 Aug;37(2):320-6

Subcutaneous kerosene toxicity in albino rats. Rao GS, et al. **Environ Res** 1984 Dec;35(2):516-30

In vivo effects of cadmium on some enzyme activities in tissues of the freshwater catfish, Heteropneustes fossilis. Sastry KV, et al. **Environ Res** 1985 Feb;36(1):32-45

Comparative study of effect of acute administration of cadmium and silver on ceruloplasmin and metallothionein: involvement of disposition of copper, iron, and zinc. Sugawara N, et al. **Environ Res** 1984 Dec;35(2):507-15

Recovery of the murine mononuclear phagocytic system following chronic exposure to cadmium. Vredevoe D, et al. **Environ Res** 1985 Aug;37(2):373-82

Participation of lysosomes in basal proteolysis in perfused rat liver. Discrepancy between leupeptin-induced lysosomal enlargement and inhibition of proteolysis. Henell F, et al. **Exp Cell Res** 1985 May;158(1):257-62

Effect of amino acids and cycloheximide on changes caused by vinblastine, leupeptin and methylamine in the autophagic/lysosomal system of mouse hepatocytes in vivo. Kovács AL, et al. **Exp Cell Res** 1985 Mar;157(1):83-94

Response of cultured rat liver epithelial cell lines to tumour-promoting phorbol esters. Ljubimov AV, et al. **Exp Cell Res** 1985 Feb;156(2):311-26

Studies on fatty liver with isolated hepatocytes. III. Cumene hydroperoxide-induced change of several cell functions. Chiarpotto E, et al. **Exp Mol Pathol** 1984 Oct;41(2):191-201

Toxicity of D-galactosamine for rat hepatocytes in monolayer culture. Tran-Thi TA, et al. **Exp Mol Pathol** 1985 Feb;42(1):89-116

Acute hepatotoxicity of carbon tetrachloride. Different liver lobes response in rats with portal branch ligation. Bioulac-Sage P, et al. **Exp Pathol** 1984;26(1):33-40

Light and electron microscopical changes in the liver of mice following treatment with aminotriazole. Reitze HK, et al. **Exp Pathol** 1985;27(1):17-31

Parenteral soya bean fat emulsions potentiate the hepatotoxicity of E. coli endotoxin in suckling rats. Heinonen KM, et al. **Experientia** 1984 Dec 15; 40(12):1439-40

The phorbol ester TPA prevents the expression of both glucagon desensitisation and the glucagon-mediated block of insulin stimulation of the peripheral plasma membrane cyclic AMP phosphodiesterase in rat hepatocytes. Heyworth CM, et al. **FEBS Lett** 1985 Aug 5;187(2):196-200

Protective effect of the flavonoid silybin dihemisuccinate on the toxicity of phenylhydrazine on rat liver. Valenzuela A, et al. **FEBS Lett** 1985 Feb 25;181(2):291-4

Thioridazine: a selective inhibitor of peroxisomal beta-oxidation in vivo. Van den Branden C, et al. **FEBS Lett** 1985 Aug 5;187(2):331-3

The effect of long term administration of dieldrin on biochemical components in blood serum of albino rats. Shakoori AR, et al. **Folia Biol (Krakow)** 1984;32(3):213-22

Influence of dose and sex on the disposition and hepatic effects of cinnamyl anthranilate in the B6C3F1 mouse. Caldwell J, et al. **Food Chem Toxicol** 1985 Jun;23(6):559-66

Genotoxicity testing of arsenobetaine, the predominant form of arsenic in marine fishery products. Jongen WM, et al. **Food Chem Toxicol** 1985 Jul;23(7):669-73

Genotoxicity of N-nitrosothiazolidine in microbial and hepatocellular test systems. Loury DJ, et al. **Food Chem Toxicol** 1984 Dec;22(12):1013-4

Cytotoxic changes induced in rat-liver cells by short-term exposure to acetylethyltetramethyltetralin. Pennisi SC, et al. **Food Chem Toxicol** 1984 Dec;22(12):943-9

Hepatic steatosis in rats fed diets with varying concentrations of sucrose. Bacon BR, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):819-26

Toxic effects of Cu implants on liver. Keller JC, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):778-83

Hepatic function in subjects exposed to environmental concentrations of DMF lower than the actually proposed TLV. Catenacci G, et al. **G Ital Med Lav** 1984 May-Jul; 6(3-4):157-8

Quantitative analysis of smooth endoplasmic reticulum proliferation in hepatocytes of early postnatal and adult mice treated with phenobarbital. Kanai K, et al. **Gastroenterology** 1984 Nov;87(5):1131-7

Clinical and morphologic effects of amiodarone on the liver [letter] Varma RR, et al. **Gastroenterology** 1985 Apr; 88(4):1091-3

The interaction of carbaryl with the metabolism of isolated hepatocytes: I. Effect on respiration and glycolysis. Parafita MA, et al. **Gen Pharmacol** 1984;15(4):327-31

The interaction of carbaryl with the metabolism of isolated hepatocytes: II. Effect on gluconeogenesis. Parafita MA, et al. **Gen Pharmacol** 1984;15(4):333-7

The effect of ethanol on membranes. Dawidowicz EA. **Hepatology** 1985 Jul-Aug;5(4):697-9

Effect of chronic ethanol ingestion on hepatic and intestinal acyl coenzyme a:cholesterol acyltransferase and 3-hydroxy-3-methylglutaryl coenzyme a reductase in the rat. Field FJ, et al. **Hepatology** 1985 Jan-Feb;5(1):133-8

Protective effect of 4-(3,7,11,15-tetramethyl-6,10,14-hexadecatrienoyl)morph on liver injury induced by hepatotoxins in rats. Fujiwara K, et al. **Hepatology** 1984 Nov-Dec;4(6):1134-6

Early structural and functional changes in liver of rats treated with a single dose of valproic acid. Jezequel AM, et al. **Hepatology** 1984 Nov-Dec;4(6):1159-66

The relation of leukotrienes to liver injury. Keppler D, et al. **Hepatology** 1985 Sep–Oct;5(5):883–91 (99 ref.)

The hepatotoxicity of valproic acid and its metabolites in rats. I. Toxicologic, biochemical and histopathologic studies. Kesterson JW, et al. **Hepatology** 1984 Nov–Dec; 4(6):1143–52

Ranitidine-acetaminophen interaction: effects on acetaminophen-induced hepatotoxicity in Fischer 344 rats. Leonard TB, et al. **Hepatology** 1985 May–Jun;5(3):480–7

Reversal of ethanol and indomethacin-induced suppression of hepatic DNA synthesis by 16,16-dimethyl prostaglandin E2. McNeil GE, et al. **Hepatology** 1985 Jan–Feb;5(1):43–6

Acetaminophen hepatotoxicity and targeted rescue: a model for specific chemotherapy of hepatocellular carcinoma. Wu GY, et al. **Hepatology** 1985 Sep–Oct;5(5):709–13

Effect of chronic ethanol administration on enzyme and lipid properties of liver plasma membranes in long and short sleep mice. Zysset T, et al. **Hepatology** 1985 Jul–Aug; 5(4):531–7

Effects of adrenaline pretreatment on in vitro binding of 125I-triiodothyronine to nuclear receptor, intracellular distribution of endogenous triiodothyronine and activities of alfa-glycerophosphate dehydrogenase and malic enzyme in rat liver. Nauman J, et al. **Horm Metab Res** 1984 Oct; 16(10):521–4

Calcium amelioration of cadmium-induced cytotoxicity in cultured rat hepatocytes. Sorensen EM, et al. **In Vitro** 1984 Oct;20(10):771–9

Cadmium-induced hepatotoxicity in cultured rat hepatocytes as evaluated by morphometric analysis. Sorensen EM, et al. **In Vitro** 1984 Oct;20(10):763–70

16,16-Dimethyl PGE2 and fatty acids protect hepatocytes against CCl4-induced damage. Ruwart MJ, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):450–2

The effect of oral contraceptive drug on cardiovascular system, liver & kidneys. Chaudhuri C, et al. **Indian Heart J** 1985 Mar–Apr;37(2):96–100

Effect of cysteine supplementation on lanthanum chloride induced alterations in the antioxidant defence system of chick liver. Basu A, et al. **Indian J Exp Biol** 1984 Aug; 22(8):432–4

Effect of 4-dimethylaminoazobenzene on DNA of livers of developing chick embryos. Sarma DK, et al. **Indian J Med Res** 1984 Apr;79:520–2

Effect of centpropazine on hepatic drug metabolizing enzymes in rat. Upreti N, et al. **Indian J Med Res** 1984 Jun;79:813–7

Effect of aspirin on renal and hepatic function in children suffering from juvenile rheumatoid arthritis and rheumatic fever. Bhabha FS, et al. **Indian J Pediatr** 1984 May–Jun; 51(410):317–21

Early biochemical alterations induced by 2-acetylaminofluorene in rat liver. Elliott WL, et al. **Int J Biochem** 1984;16(9):947–56

Acute effects of acetylsalicylic acid on renal and hepatic function in normal humans. Husted SE, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):141–4

Effect of intravenously administered iodipamide ethyl ester particles on rat liver morphology. Lauteala L, et al. **Invest Radiol** 1984 Mar–Apr;19(2):133–41

Histologic changes in the liver during etretinate treatment. Foged E, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):580–3

Predictive value of HLA antigen for methotrexate-induced liver damage in patients with psoriasis. Pestana A, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):26–9

Unexplained hepatitis after podiatric surgery with halothane anesthesia. Boyce-Smith G, et al. **J Am Podiatr Med Assoc** 1985 Jan;75(1):23–7

Reduction of liver copper concentration by the organic arsenical, 3-nitro-4-hydroxyphenylarsonic acid. Czarnecki GL, et al. **J Anim Sci** 1985 Feb;60(2):440–50

Vitamin E improves membrane lipid alterations induced by CCl4 intoxication. Martínez-Calva I, et al. **J Appl Toxicol** 1984 Oct;4(5):270–2

Dimethylnitrosamine genotoxicity in rat liver primary cell cultures with low cytochrome P-450 levels. Mendoza-Figueroa T. **J Appl Toxicol** 1984 Dec; 4(6):297–303

Differential effects of phorbol ester on phenylephrine and vasopressin-induced Ca2+ mobilization in isolated hepatocytes. Cooper RH, et al. **J Biol Chem** 1985 Mar 25; 260(6):3281–8

The effect of glucagon and adrenergic agonists on intracellular pH of isolated rat hepatocytes. Deutsch CJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6808–10

Inhibition of hepatic alpha 1-adrenergic effects and binding by phorbol myristate acetate. Lynch CJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2844–51

Regulation of specific rat liver messenger ribonucleic acids by triiodothyronine. Magnuson MA, et al. **J Biol Chem** 1985 May 25;260(10):5906–12

Ferric iron and superoxide ions are required for the killing of cultured hepatocytes by hydrogen peroxide. Evidence for the participation of hydroxyl radicals formed by an iron-catalyzed Haber-Weiss reaction. Starke PE, et al. **J Biol Chem** 1985 Aug 25;260(18):10099–104

Endogenous defenses against the cytotoxicity of hydrogen peroxide in cultured rat hepatocytes. Starke PE, et al. **J Biol Chem** 1985 Jan 10;260(1):86–92

Interactions between insulin and alpha 1-adrenergic agents in the regulation of glycogen metabolism in isolated hepatocytes. Thomas AP, et al. **J Biol Chem** 1985 May 25;260(10):5963–73 (77 ref.)

Influence of a prolonged treatment with disulfiram and D-penicillamine on nitrosodiethylamine-induced biological and biochemical effects. II. Investigations on trace elements in the liver. Schuhmacher J, et al. **J Cancer Res Clin Oncol** 1985;109(1):16–22

Effects of swainsonine on rat liver and kidney: biochemical and morphological studies. Novikoff PM, et al. **J Cell Biol** 1985 Aug;101(2):339–49

Biochemical effects of 12-O-tetradecanoylphorbol-13-acetate, retinoic acid, phenobarbital, and 5-azacytidine on a normal rat liver epithelial cell line. Tsao MS, et al. **J Cell Physiol** 1984 Oct;121(1):1–6

The effect of diazinon and neguvon on the liver of experimentally intoxicated mice. Soliman MS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):557–62

Antihepatotoxic actions of papyriogenins and papyriosides, triterpenoids of Tetrapanax papyriferum leaves. Hikino H, et al. **J Ethnopharmacol** 1984 Nov;12(2):231–5

Studies of hepatic tolerance of polyvinylpyrrolidone in the rat. Moody-Jones D, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:205–7

A simple bioassay for monocyte-derived hepatocyte stimulating factor: increased synthesis of alpha 2-macroglobulin and reduced synthesis of albumin by cultured rat hepatocytes. Koj A, et al. **J Immunol Methods** 1985 Feb 11;76(2):317–27

Miconazole influence on both cellular immune response and hepatic drug metabolism in mice. Descotes J, et al. **J Immunopharmacol** 1985;7(2):171–8

Effect of murine gamma-interferon on the mouse liver and its drug-metabolizing enzymes: comparison with human hybrid alpha-interferon. Franklin MR, et al. **J Interferon Res** 1985 Spring;5(2):265–72

Interferon alters the composition and metabolism of lipids in the liver of suckling mice. Zwingelstein G, et al. **J Interferon Res** 1985 Spring;5(2):315–25

Reduced hepatic clearance of propranolol induced by chronic carbon tetrachloride treatment in rats. Iwamoto K, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):470–5

Mechanism of oxmetidine (SK&F 92994) cytotoxicity in isolated rat hepatocytes. Rush GF, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):741–6

Immunological studies on the mechanism of halothane-induced hepatotoxicity: immunohistochemical evidence of trifluoroacetylated hepatocytes. Satoh H, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):857–62

Additive protection of cimetidine and N-acetylcysteine treatment against acetaminophen-induced hepatic necrosis in the rat. Speeg KV Jr, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):550–4

Massive copper sulfate ingestion resulting in hepatotoxicity. Jantsch W, et al. **J Toxicol Clin Toxicol** 1984–85; 22(6):585–8

Determination of acute toxic effects in mice following exposure to methyl bromide. Alexeeff GV, et al. **J Toxicol Environ Health** 1985;15(1):109–23

The effect of tetrachlorohydroquinone on hexachlorobenzene-induced porphyria in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):81–92

Dose-dependent metabolic excretion of bromobenzene and its possible relationship to hepatotoxicity in rats. Chakrabarti S, et al. **J Toxicol Environ Health** 1984; 14(2–3):379–91

Comments on 'Formaldehyde and Hepatotoxicity' by Beall and Ulsamer. Gibson JE. **J Toxicol Environ Health** 1984; 14(2–3):465–9

Influences of various xenobiotic inducers on cytocidal toxicity of lasiocarpine and senecionine in primary cultures of rat hepatocytes. Hayes MA, et al. **J Toxicol Environ Health** 1984;14(5–6):683–94

Aroclor 1254 increases the genotoxicity of several carcinogens to liver primary cell cultures. Mendoza-Figueroa T, et al. **J Toxicol Environ Health** 1985; 15(2):245–54

Failure of exogenous prostaglandin to afford complete protection against acetaminophen-induced hepatotoxicity in the rat. Raheja KL, et al. **J Toxicol Environ Health** 1985; 15(3–4):477–84

Allopurinol toxicity: its toxic organ-specificity between the liver and the kidney in the rat. Suzuki Y, et al. **J Toxicol Sci** 1984 Nov;9(4):343–51

The protective effect of cysteine on chemical-induced liver injury in rats. Tanaka E, et al. **J Toxicol Sci** 1984 Aug; 9(3):245–51

Studies on responsiveness of hepatoma cells to catecholamines. II. Comparison of beta-adrenergic responsiveness of rat ascites hepatoma cells with cultured normal rat liver cells. Miyamoto K, et al. **Jpn J Pharmacol** 1985 May;38(1):101–8

Effect of cimetidine on the hepatic extraction of indocyanine green, the portal pressure and the systemic circulation in patients with cirrhosis of the liver. Herz R, et al. **Klin Wochenschr** 1984 Aug 16;62(16):759–64

Suppression of experimental hepatic fibrosis by administration of vitamin A. Senoo H, et al. **Lab Invest** 1985 Feb; 52(2):182–94

Ethanol, the choline requirement, methylation and liver injury. Barak AJ, et al. **Life Sci** 1985 Sep 2;37(9):789–91

Digoxin quinidine interaction: a pharmacokinetic study in the isolated perfused rat liver. Ben-Itzhak J, et al. **Life Sci** 1985 Aug 5;37(5):411–5

Ethanol directly stimulates dihydrotestosterone conversion to 5 alpha-androstan-3 alpha, 17 beta-diol and 5 alpha-androstan-3 beta, 17 beta-diol in rat liver. Murono EP, et al. **Life Sci** 1985 Mar 18;36(11):1117–24

Carbon tetrachloride-induced inhibition of hepatocyte lipoprotein secretion: functional impairment of Golgi apparatus in the early phases of such injury. Poli G, et al. **Life Sci** 1985 Feb 11;36(6):533–9

Intensification of galactosamine hepatotoxicity by polyriboinosinic acid-polyribocytidylic acid. Sakakibara S, et al. **Life Sci** 1985 Feb 25;36(8):705–12

Dynamic organ culture of precision liver slices for in vitro toxicology. Smith PF, et al. **Life Sci** 1985 Apr 8; 36(14):1367–75

A single therapeutic dose of valproate affects liver carbohydrate, fat, adenylate, amino acid, coenzyme A, and carnitine metabolism in infant mice: possible clinical significance. Thurston JH, et al. **Life Sci** 1985 Apr 29; 36(17):1643–51

Inhibition of acyl CoA: cholesterol acyltransferase and sterologenesis in rat liver by diazepam, in vitro. Bell FP. **Lipids** 1985 Feb;20(2):75–9

Cytoprotective effect of prostaglandins on isolated rat liver cells. Guarner F, et al. **Liver** 1985 Feb;5(1):35–9

Sodium salicylate effect on the morphological and ultrastructural pattern of rat hepatocytes. Beskid M, et al. **Mater Med Pol** 1984 Apr–Dec;16(2–4):81–4

Arthritis, sulindac and Medicare [letter] Viliunas A. **Med J Aust** 1984 Nov 24;141(11):763

Assessment of effects of vasopressin, angiotensin II, and glucagon on Ca2+ fluxes and phosphorylase activity in liver. Blackmore PF, et al. **Methods Enzymol** 1985; 109:550–8

Analysis of hormone-induced changes of phosphoinositide metabolism in rat liver. Wallace MA, et al. **Methods Enzymol** 1985;109:469–79

The protection from hepatotoxicity of some compounds by the synthetic immunomodulator muramyl dipeptide (MDP) in rat hepatocytes and in vivo. Farghali H, et al. **Methods Find Exp Clin Pharmacol** 1984 Aug;6(8):449–54

Beneficial actions of two novel calcium entry blockers in the isolated perfused hypoxic cat liver. Lefer AM, et al. **Methods Find Exp Clin Pharmacol** 1985 Feb;7(2):59–63

Hepatic drug-metabolizing enzyme system and endotoxin tolerance: structural requirement of LPS in induction of an early tolerance. Egawa K, et al. **Microbiol Immunol** 1984;28(11):1181–90

The fluidity of plasma membranes from ethanol-treated rat liver. Schüller A, et al. **Mol Cell Biochem** 1984 Sep; 64(1):89–95

Comparative effects of thyroid hormone analogs on the activities of brain and liver mitochondria and nuclei in thyroidectomized rats. Dembri A, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):223–32

Phenobarbital induces rat liver apolipoprotein A-I mRNA. Chao YS, et al. **Mol Pharmacol** 1985 Mar;27(3):394–8

Concomitant observations of UDS in the liver and micronuclei in the bone marrow of rats exposed to cyclophosphamide or 2-acetylaminofluorene. Ashby J, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):383–92

Collagenase perfusion of rat liver induces DNA damage and DNA repair in hepatocytes. Cesarone CF, et al. **Mutat Res** 1984 Oct;141(2):113–6

Benign liver tumor after chorionic gonadotropin administration [letter] Svastics E, et al. **N Engl J Med** 1985 May 9;312(19):1259

Effects of N4-methyl and N4,N4-dimethyl derivatives of 5-azacytidine on liver RNA synthesis and gastric secretion in rats. Cihák A, et al. **Neoplasma** 1985;32(3):293–8

Strain dependent effects of ethanol on mouse brain and liver alcohol- and aldehyde-dehydrogenase. Messiha FS. **Neurobehav Toxicol Teratol** 1985 Mar–Apr;7(2):189–92

Chlorpromazine and ethanol intoxication: an underlying mechanism. Messiha FS. **Neurobehav Toxicol Teratol** 1985 Mar–Apr;7(2):185–8

Stereological analysis of smooth endoplasmic reticulum and peroxisome proliferation in hepatocytes from neonatal and adult mice after phenobarbital administration. Kanai K, et al. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):327–35

12-O-Tetradecanoylphorbol-13-acetate promotion of carcinogen-treated rat liver endothelial cells. Higgins PJ. **Oncology** 1985;42(5):301–3

Systemic effects of methylcholanthrene in mice. I. Splenic and hepatic phagocytosis of xenogeneic red cells. Schrieber R, et al. **Oncology** 1984;41(6):431–5

Speaking personally: mechanisms of liver injury. Judah JD. **Pathology** 1984 Jul;16(3):267–71

Deterioration of liver function during PUVA therapy. Freeman K, et al. **Photodermatol** 1984 Jun;1(3):147–8

Dietary effects on content of hepatic lipid, plasma minerals, and tissue ascorbic acid in hens and estrogenized chicks. Brenes A, et al. **Poult Sci** 1985 May;64(5):947–54

Effect of intrahepatic glucose infusions on feeding in heavy and light breed chicks. Lacy MP, et al. **Poult Sci** 1985 Apr;64(4):751–6

Liver response to diet and estrogen in white Leghorn and Rhode Island Red chickens. Takahashi K, et al. **Poult Sci** 1985 May;64(5):955–62

Effect of dietary composition and estradiol implants on hepatic microsomal mixed function oxidase and lipid deposition in growing chicks. Takahashi K, et al. **Poult Sci** 1984 Nov;63(11):2217-24

Inhibition by 2,5-anhydromannitol of glycolysis in isolated rat hepatocytes and in Ehrlich ascites cells. Riquelme PT, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):78-82

Acute effects of filipin on the plasmic, hepatic, and biliary cholesterol of the rat. Chanussot F, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):13-20

Late preventive effects of several anticalmodulin drugs on galactosamine-induced liver necrosis. de Ferreyra EC, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):289-92

Late preventive effects on carbon tetrachloride-induced necrosis of the inhibitor of proteases 1-1-chloro-3-tosyl amido-7-amino-2-heptanone (TLCK). de Ferreyra EC, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov; 46(2):289-92

Effect of repeated administration of monomethyl-aminoantipyrine on the activities of gamma-glutamyltranspeptidase and microsomal drug metabolizing enzymes in rat liver. Hoshi K, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):431-43

Effects of chlorobenzenes on hepatic porphyrin and drug metabolism in chick embryo and day-old chick. Miranda CL, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):13-24

Lack of changes in diene conjugate levels following ethanol induced glutathione depletion or hepatic necrosis. Speisky H, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr; 48(1):77-90

A comparison of the effects of phenobarbital and medroxyprogesterone acetate on drug and glucose metabolism in rats with chemical liver injury. Stengård JH. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):67-76

Hepato- and neuro-toxicity by ethylenthiourea. Ugazio G, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):401-14

Combined toxic effects of tetracycline and ethinyl estradiol on liver function of mice. Böcker R, et al. **Res Exp Med (Berl)** 1985;185(2):151-62

Effect of chronic ethanol or acetaldehyde on hepatic alcohol and aldehyde dehydrogenases, aminotransferases and glutamate dehydrogenase. Cascales C, et al. **Rev Esp Fisiol** 1985 Mar;41(1):19-27

Is isoniazid-hepatotoxicity induced by the metabolite, hydrazine? Noda A, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):183-90

The identification of hepatic injury and hepatic angiosarcoma among vinyl chloride workers—the epidemiological approach. Tamburro CH, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:37-48

Hepatotoxic effects of anti-rheumatic drugs in cultured rat hepatocytes. Akesson A, et al. **Scand J Rheumatol** 1984; 13(3):198-202

Vitamin E reversal of the effect of extracellular calcium on chemically induced toxicity in hepatocytes. Fariss MW, et al. **Science** 1985 Feb 15;227(4688):751-4

Effect of ethanol and acetaldehyde on gamma-hydroxybutyric acid in rat brain and liver. Poldrugo F, et al. **Subst Alcohol Actions Misuse** 1984; 5(5):263-71

Temporal changes in liver, blood, and brain glucose, glycogen, and beta-hydroxybutyrate after ethanol in C57BL/6J mice. Schreiber RA, et al. **Subst Alcohol Actions Misuse** 1984;5(5):255-62

Uptake of arachidonic acid, arachidic acid, oleic acid and their incorporation into phospholipids and triacylglycerols of isolated murine hepatocytes. Effect of thrombin-antithrombin III complex. Mandl J, et al. **Thromb Res** 1984 Aug 15;35(4):407-14

Morphometric analysis of hepatocytes from rats subjected to compound 48/80-induced anaphylactic shock. Dimlich RV, et al. **Tissue Cell** 1985;17(3):293-308

The effect of insulin-dextran complexes on the protein synthesis in the primary monolayer culture of adult rat hepatocytes. Nakai T, et al. **Tohoku J Exp Med** 1984 Nov; 144(3):245-56

Effects of neurotensin on glycogenolysis in isolated rat hepatocytes. Matsumura M, et al. **Tokushima J Exp Med** 1984 Jun;31(1-2):9-12

Postnatal methyl mercury exposure: effects on ontogeny of renal and hepatic ornithine decarboxylase responses to trophic stimuli. Bartolome J, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):147-54

The role of 4-bromophenol and 4-bromocatechol in bromobenzene covalent binding and toxicity in isolated rat hepatocytes. Dankovic DA, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):323-31

Time course of cadmium-induced ultrastructural changes in rat liver. Dudley RE, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):150-60

Biochemical, histological, and ultrastructural changes in rat and mouse liver following the administration of trichloroethylene: possible relevance to species differences in hepatocarcinogenicity. Elcombe CR, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):365-76

Mechanism of chemical-induced toxicity. II. Role of extracellular calcium. Fariss MW, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):296-306

Characterization of the effects of erythromycin estolate and erythromycin base on the excretory function of the isolated rat liver. Gaeta GB, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):185-92

Induction of hepatic metallothionein in mouse liver following administration of chelating agents. Goering PL, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):467-72

Metabolism and cytotoxicity of acetaminophen in hepatocytes isolated from resistant and susceptible species. Green CE, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):139-49

Toxicity of carbon disulfide in developing rats: LD50 values and effects on the hepatic mixed-function oxidase enzyme system. Green EC, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):130-8

Comparative cytopathology of primary rat hepatocyte cultures exposed to aflatoxin B1, acetaminophen, and other hepatotoxins. Hayes MA, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):345-56

Comparative influences of different PB-type and 3-MC-type polychlorinated biphenyl-induced phenotypes on cytocidal hepatotoxicity of bromobenzene and acetaminophen. Hayes MA, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):118-27

Effects of butylated hydroxyanisole on hepatic glucuronidation capacity in mice. Hazelton GA, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):280-90

Comparison of the short-term effects of di(2-ethylhexyl) phthalate, di(n-hexyl) phthalate, and di(n-octyl) phthalate in rats. Mann AH, et al. **Toxicol Appl Pharmacol** 1985 Jan; 77(1):116-32

Nizatidine, a new histamine H2-receptor antagonist, and hepatic oxidative drug metabolism in the rat: a comparison with structurally related compounds. Meredith CG, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):315-24

Toxicity of the mycotoxin, cyclopiazonic acid, to Sprague-Dawley rats. Morrissey RE, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):94-107

Mechanism of allyl alcohol toxicity and protective effects of low-molecular-weight thiols studied with isolated rat hepatocytes. Ohno Y, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):169-79

Cadmium hypersusceptibility in the C3H mouse liver: cell specificity and possible role of metallothionein. Quaife C, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):9-17

The influence of maternal cadmium exposure or fetal cadmium injection on hepatic metallothionein concentrations in the fetal rat. Sasser LB, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):299-307

Influence of the antimicrotubular agents, colchicine and vinblastin, on the uptake of americium by rat liver, kidneys, and skeleton. Seidel A. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):113-7

Inducible aldehyde dehydrogenases from rat liver cytosol. Simpson VJ, et al. **Toxicol Appl Pharmacol** 1985 Jun 30; 79(2):193-203

Effects of metals and organic compounds on hepatic glutathione, cysteine, and acid-soluble thiol levels in mullet (Mugil cephalus L.). Thomas P, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):172-82

Mechanisms in 2-hexanone potentiation of chloroform hepatotoxicity. Cowlen MS, et al. **Toxicol Lett** 1984 Sep; 22(3):293-9

Carbon tetrachloride depresses hepatic phospholipid synthesis in rats. Gebhart AM, et al. **Toxicol Lett** 1985 Jan; 24(1):71-8

Effects of cyclopiazonic acid on the ultrastructure of rat liver. Hinton DM, et al. **Toxicol Lett** 1985 May;25(2):211-8

Delayed wasting syndrome and alterations of liver gluconeogenic enzymes in rats exposed to the TCDD congener 3,3', 4,4'-tetrachloroazoxybenzene. Hsia MT, et al. **Toxicol Lett** 1985 Jun;25(3):247-58

A comparison of mirex-induced liver growth to liver regeneration. Karl PI, et al. **Toxicol Lett** 1984 Oct; 23(1):127-33

In vitro and in vivo effects of vanadate on K+-dependent phosphatase activities from subcellular fractions of brain, kidney and liver. Keller RJ, et al. **Toxicol Lett** 1985 Jul; 26(1):9-14

Stimulation of DNA synthesis after a single administration of cadmium nitrate. Ledda-Columbano GM, et al. **Toxicol Lett** 1984 Dec;23(3):267-72

Quinuronium induced hepatotoxicity in rats. Mitema ES, et al. **Toxicol Lett** 1985 Jan;24(1):53-8

Hepatotoxicity of sodium valproate in ornithine transcarbamylase-deficient mice. Qureshi IA, et al. **Toxicol Lett** 1985 Jun;25(3):297-306

Changes in serum transaminases, SDH and liver morphology after treatment with trypanocidal diamidines in mice. Steinmann U, et al. **Toxicol Lett** 1985 May;25(2):161-5

Elevation of hepatic metallothionein in rats chronically exposed to dietary ethionine. Waalkes MP. **Toxicol Lett** 1985 Aug;26(2-3):133-8

The effects of ethanol on the kinetics of toluene in the perfused rat liver. Wallén M, et al. **Toxicol Lett** 1985 Jul; 26(1):59-64

Effects of rifampin pretreatment on hepatic parameters in the rabbit. Whitehouse LW, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):131-6

Thioacetamide effects on protein metabolism in the liver: lessons from isolated hepatocytes. Cajone F, et al. **Toxicol Pathol** 1984;12(1):74-8

Glutathione depletion, lipid peroxidation, and liver necrosis following bromobenzene and iodobenzene intoxication. Casini AF, et al. **Toxicol Pathol** 1984;12(3):295-9

Liver hyperplasia and regression after lead nitrate administration. Columbano A, et al. **Toxicol Pathol** 1984; 12(1):89-95

Inhibition of DNA and RNA synthesis in rat liver nuclei by oncogenic and non-oncogenic beta-blockers. Riboni L, et al. **Toxicol Pathol** 1985;13(1):18-25

Temporal analysis of rat liver injury following potentiation of carbon tetrachloride hepatotoxicity with ketonic or ketogenic compounds. Charbonneau M, et al. **Toxicology** 1985 May;35(2):95-112

Sustained induction of hepatic xenobiotic metabolising enzyme activities by phenobarbitone in C3H/He mice: relevance to nodule formation. Collins MA, et al. **Toxicology** 1984 Nov;33(2):129-44

Effect of toluidines on drug metabolizing enzymes in rat liver, kidney and lung. Gnojkowski J, et al. **Toxicology** 1984 Sep 28;32(4):335-42

DNA breaks induced by micromolar concentrations of dimethylnitrosamine in liver primary cell cultures from untreated and phenobarbital treated rats. Mendoza-Figueroa T, et al. **Toxicology** 1983 May; 27(1):55-69

In vivo effects of 1,3-bis(2-chloroethyl)-1-nitrosourea and doxorubicin on the cardiac and hepatic glutathione systems. Paraidathathu T, et al. **Toxicology** 1985 May;35(2):113-24

Biochemical and histological anomalies in the rat hepatic tissue following administration of bichromate and nickel in ionized form. Yawets A, et al. **Toxicology** 1984 Nov; 33(2):145-55

Liver changes, following diethylcarbamazine administration, in microfilaremic dogs infected with Dirofilaria immitis. Sutton RH, et al. **Vet Pathol** 1985 Mar:22(2):177-83

Qualitative and quantitative ultrastructural alterations in hepatocytes of rats prenatally exposed to ethanol with special reference to mitochondria, golgi apparatus and peroxisomes. Renau-Piqueras J, et al. **Virchows Arch [A]** 1985;405(2):237-51

Changes in intra- and extrahepatic VLDL in the rat following acute injury by thioacetamide. A morphometric and biochemical study. Franke H, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):277-88

Isolation of two lysosomal populations from iron-overloaded rat liver with different iron concentration and proteolytic activity. Hultcrantz R, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):55-65

Selenium suppresses the metabolism of benzo[a]pyrene by rat-liver extracts, and exerts a dual effect on its mutagenicity. Lin WS, et al. **Xenobiotica** 1984 Dec; 14(12):893-902

Role of UDPGA flux in acetaminophen clearance and hepatotoxicity. Price VF, et al. **Xenobiotica** 1984 Jul; 14(7):553-9

N tau-methylhistidine: inhibitor of hepatic protein synthesis? Schwartz S, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(3):157-63

The glutathione redox system in the rat liver after administration of carbon tetrachloride. Harisch G, et al. **Zentralbl Veterinarmed [A]** 1985 Feb;32(2):155-9

Electrophoretic analysis of liver nucleoplasmic proteins from young and adult chickens following intraperitoneal administration of D-galactosamine. Palyga J. **Zentralbl Veterinarmed [A]** 1984 Oct;31(9):671-5

[Experimental research on the hepatoprotective activity of drug combinations] Drenska D. et al. **Eksp Med Morfol** 1985;24(1):54-9 (Eng. Abstr.) **(Bul)**

[Changes in the biochemical indices of workers exposed to vinyl chloride and dichloroethane] Spasovski M, et al. **Probl Khig** 1984;9:50-8 (Eng. Abstr.) **(Bul)**

[Protective effect of qi-xue injections on rat liver damage induced by cortisone acetate—analysis of the stereometrical quantitation of ultrastructure] Niu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):618-21, 581 (Eng. Abstr.) **(Chi)**

[Permanent changes in the liver of rats after a single administration of cyclohexamide or dexamethasone in early postnatal ontogenesis] Benešová O, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):182-4 (Eng. Abstr.) **(Cze)**

[Effect of pyrazinamide on the liver of tuberculosis patients. Electron microscopic study] Pilheu JA, et al. **Bull Int Union Tuberc** 1984 Sep;59(3):145-7 **(Fre)**

[The phagocytosis activity of India ink in the isolated rat liver perfused with piracetam] Vömel T, et al. **Arzneimittelforsch** 1985;35(1):90-2 (Eng. Abstr.) **(Ger)**

[Liver and kidney damage in rifampicin and ethambutol treatment] Kozma D, et al. **Z Erkr Atmungsorgane** 1984; 162(3):249-55 (Eng. Abstr.) **(Ger)**

[Effect of continuous cadmium administration on cytochrome P-450-dependent enzyme activities of the liver and kidney of male rats] Ozierenski B, et al. **Z Gesamte Hyg** 1984 Nov; 30(11):611-4 (Eng. Abstr.) **(Ger)**

[Effect of histamine H2 receptor blockers on hepatic elimination of drugs] Kettner W, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):96-8 (Eng. Abstr.) **(Ger)**

[Metabolites of carbohydrate and energy metabolism in the liver of the rat following different endotoxin doses] Kopprasch S, et al. **Z Med Lab Diagn** 1984;25(7):360-6 (Eng. Abstr.) **(Ger)**

[Postmortem evaluation of barbiturate poisonings] Schmoldt A, et al. **Z Rechtsmed** 1984;93(1):33-41 (Eng. Abstr.) **(Ger)**

[Use of a manganese citrate complex in the determination of liver enzyme activities in the aging process and following treatment with aminoethylisothiuronium bromide hydrobromide (AET)] Banga I, et al. **ZFA** 1984 Nov–Dec; 39(6):347–50 (Eng. Abstr.) **(Ger)**

[Cholestatic effect of amphotericin B on the isolated perfused rat liver. Preliminary observations] Gaeta GB, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1177–81 (Eng. Abstr.) **(Ita)**

[Hepatotoxicity of non-steroidal anti-inflammatory drugs] Fanelli V, et al. **Clin Ter** 1985 Apr 15;113(1):39–47 (Eng. Abstr.) **(Ita)**

[Hypovolemic hypotension and hepatic function. Comparison of halothane and enflurane] Marinelli L, et al. **Minerva Anestesiol** 1984 Jun;50(6):347–52 (Eng. Abstr.) **(Ita)**

[Hepatotoxic syndrome of the colostatic type caused by josamycin (letter)] Pecenco GL, et al. **Minerva Pediatr** 1984 Oct 15;36(19):979–80 **(Ita)**

[Effect of azosemide (SK–110) and its metabolites on mouse liver] Asaeda N, et al. **J Toxicol Sci** 1984 Jun;9 Suppl 1:89–108 (Eng. Abstr.) **(Jpn)**

[The effect of halothane and enflurane on liver and renal function in patients with liver cirrhosis] Tanifuji Y, et al. **Masui** 1985 Mar;34(3):343–7 (Eng. Abstr.) **(Jpn)**

[The cytotoxicity of chenodeoxycholic acid on primary cultured rat hepatocytes and cytoprotective action of prostaglandin E1] Ishii Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):108–17 (Eng. Abstr.) **(Jpn)**

[Synergistic effect of rifampicin on hepatotoxicity of isoniazid] Skakun NP, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):185–9 (Eng. Abstr.) **(Rus)**

[Action of hepatic chalones on the proliferation of hepatocytes from intact and denervated livers] Eletskiĭ IuK, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):482–4 (Eng. Abstr.) **(Rus)**

[Effect of estradiol and other endocrine factors on the level and dynamics of estrogen receptors in the liver cells of rats] Gontar' EV, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):137–40 (Eng. Abstr.) **(Rus)**

[Facilitation of the structural and functional disorders of liver lysosomes in toxic hepatitis due to the suppression of intralysosomal proteolysis] Korolenko TA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):169–72 (Eng. Abstr.) **(Rus)**

[Effect of hydrocortisone on the liver cytochrome P–450 system and the intensity of food anaphylaxis in guinea pigs] Marokko IN, et al. **Biull Eksp Biol Med** 1984 Dec; 98(12):713–5 (Eng. Abstr.) **(Rus)**

[Hydroxylation products of hydrophobic xenobiotics––stabilizers of cytochrome P–450 in the hepatocytes] Novikov KN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):294–6 (Eng. Abstr.) **(Rus)**

[Early manifestations of the effect of Salmonella endotoxin on the antioxidizing enzyme systems of the liver and intestines in the rat] Popkova NI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):525–7 (Eng. Abstr.) **(Rus)**

[Changes in the paramagnetic complexes of the blood and liver of animals exposed to nitroglycerin] Kuropteva ZV, et al. **Dokl Akad Nauk SSSR** 1985 Mar–Apr;281(1):189–92 **(Rus)**

[Effect of N–nitrosodiethylamine on the liver cells of chick embryos in primary culture] Krystev LP, et al. **Eksp Onkol** 1985;7(1):24–6 (Eng. Abstr.) **(Rus)**

[Nonspecific oxidase activity in the liver of rats undergoing chemotherapy with cis–dichlorodiammineplatinum] Kulik GI, et al. **Eksp Onkol** 1984;6(6):60–3 (Eng. Abstr.) **(Rus)**

[Sensitivity of hepatocytes to the effect of factors stimulating and suppressing cell proliferation in hepatocarcinogenesis] Osipova LA. **Eksp Onkol** 1984;6(2):23–6 (Eng. Abstr.) **(Rus)**

[Possibility of N–dimethylnitrosamine formation after parenteral administration of amidopyrine and nitrite to rats] Rubenchik BL, et al. **Eksp Onkol** 1984;6(3):70–1 (Eng. Abstr.) **(Rus)**

[Effect of acute alcoholic intoxication on lipogenesis in the liver of rats] Buko VU, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):67–70 (Eng. Abstr.) **(Rus)**

[Use of antioxidants for preventing the hepatotoxic effect of acrylonitrile] Ivanov VV, et al. **Farmakol Toksikol** 1984 Sep–Oct;47(5):96–100 (Eng. Abstr.) **(Rus)**

[Effect of decane–1,10–bis[acetoxy–(N, N)–dimethyl–(N)–(diphenylmethoxy–2–ethyl) ammonium] dichloride on metabolism in white rats] Kovtuniak NA, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):60–3 (Eng. Abstr.) **(Rus)**

[Cytochrome P–450 induction in the liver of rats exposed to polychlorinated biphenyls] Lashneva NV, et al. **Farmakol Toksikol** 1984 Nov–Dec;47(6):77–80 (Eng. Abstr.) **(Rus)**

[Reparative regeneration of the liver as a model for the preclinical study of the hepatotropism of anti–alcohol agents] Liubimov BI, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):87–92 (Eng. Abstr.) **(Rus)**

[Effect of indomethacin and voltaren on glutathione oxidation and reduction in the liver of white rats] Meshchishen IF, et al. **Farmakol Toksikol** 1985 Jan–Feb; 48(1):28–30 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the effectiveness of hepatoprotective agents in a liver lesion by combined ethanol and tuberculostatic agents] Ortenberg EA, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):102–5 (Eng. Abstr.) **(Rus)**

[Use of automatic cytophotometric analysis for assessing the hepatotropic action of ethanol] Zhukotskiĭ AV, et al. **Farmakol Toksikol** 1985 May–Jun;48(3):103–6 (Eng. Abstr.) **(Rus)**

[Contrainsula action of adrenaline at the insulin receptor level––exogenous adrenaline depression of liver insulin receptor activity in rats] Bezdrobnyĭ IuV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep–Oct;(5):760–70 (Eng. Abstr.) **(Rus)**

[Morphological characteristics of the wound process in the liver during the use of KL–3 medicinal glue] Mikuliak RV, et al. **Klin Khir** 1985 Jan;(1):71 **(Rus)**

[State of the liver after radiotherapy of cancer of the stomach and larynx with metronidazole radiosensitization] D'iakova AM, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):49–54 (Eng. Abstr.) **(Rus)**

[Effect of antioxidants on the change in the lipid composition of the liver lysosomes in rats following a thermal burn] Burlakova EB, et al. **Patol Fiziol Eksp Ter** 1984 Sep–Oct; (5):13–7 (Eng. Abstr.) **(Rus)**

[Effect of pyridoxine, riboflavin and glutamic acid on lysosomal hydrolase activity of the liver and kidney of rats with severe mechanical injuries] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):44–8 (Eng. Abstr.) **(Rus)**

[Hepatotoxicity of isoniazid] Skakun NP, et al. **Probl Tuberk** 1985;(4):51–5 (Eng. Abstr.) **(Rus)**

[Postradiation effect of a radioprotector depending on the degree of chromatin condensation in the cells] Gil'iano NIa, et al. **Radiobiologiia** 1985 May–Jun;25(3):389–91 (Eng. Abstr.) **(Rus)**

[Glycogen distribution in rat hepatocyte populations after a single exposure to 4–dimethylaminoazobenzine and subsequent injections of phenobarbital] Khodosova IA, et al. **Tsitologiia** 1984 Oct;26(10):1168–73 (Eng. Abstr.) **(Rus)**

[Characteristics of hepatocyte proliferation in the regenerating rat liver with hydroxyurea synchronization of the proliferative processes] Osipova LA, et al. **Tsitologiia** 1984 Nov;26(11):1278–82 (Eng. Abstr.) **(Rus)**

[Theoretical basis for using unsaturated phospholipids for restoring the structure and functions of damaged biological membranes] Borodin EA, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):84–90 (Eng. Abstr.) **(Rus)**

[Effect of vitamin A excess and T–2 toxin on the enzyme system activities of the second phase of xenobiotic metabolism in the rat liver] Kravchenko LV, et al. **Vopr Med Khim** 1984;30(6):88–91 (Eng. Abstr.) **(Rus)**

[Biosynthesis of DNA and RNA in the liver under conditions of deficient nutrition and exposure to N–nitrosopiperidine] Sharmanov TSh, et al. **Vopr Med Khim** 1984 Jul–Aug; 30(4):42–6 (Eng. Abstr.) **(Rus)**

[Biochemical characteristics of major fractions of rat liver cells in dimethylnitrosamine–induced carcinogenesis] Osipova LA, et al. **Vopr Onkol** 1984;30(11):71–6 (Eng. Abstr.) **(Rus)**

[Toxicological study of the long–term effects of the antioxidant dodecyl gallate on albino rats] Mikhaĭlova Z, et al. **Vopr Pitan** 1985 Mar–Apr;(2):49–52 (Eng. Abstr.) **(Rus)**

[Tetracycline lesions of the liver and their treatment (a review of the literature)] Skakun NP, et al. **Vrach Delo** 1984 Nov;(11):91–5 (40 ref.) **(Rus)**

[Changes in lipid metabolism which accompany thioacetamide–induced cirrhosis] Palacios E, et al. **Rev Esp Oncol** 1982;29(3):505–10 (Eng. Abstr.) **(Spa)**

[Alcohol and the liver] Kershenobich D, et al. **Rev Gastroenterol Mex** 1982 Jul–Sep;47(3):149–53 **(Spa)**

[Paracetamol and liver damage in a new light: are findings of tumors Gn mice and rats relevant for the clinical situation?] Rane A, et al. **Lakartidningen** 1985 Apr 17; 82(16):1497 **(Swe)**

EMBRYOLOGY

Changes of non–histone chromatin protein fractions during fetal development of rat liver. Siemieniako B, et al. **Acta Anthropogenet** 1983;7(4):297–300

Changes of non–histone protein fractions during embryonic development of chicken liver. Siemieniako B, et al. **Acta Anthropogenet** 1983;7(4):289–96

Anatomical and experimental study of the ductus venosus. Balique JG, et al. **Anat Clin** 1984;6(4):311–6

Changes in ornithine transcarbamylase activity and protein level during perinatal period in rat liver. Effects of actinomycin D. Belbekouche M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):780–8

Glycogen synthase in prenatal rat liver. Margolis RN. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1215–21

Bile acid metabolism during development: metabolism of taurodeoxycholic acid in human fetal liver. Gustafsson J, et al. **Biol Neonate** 1985;47(1):26–31

Histochemical demonstration of ornithine transcarbamylase activity in fetal liver. Holzgreve W, et al. **Biol Neonate** 1985;47(6):339–42

Differential expression of the cellular oncogenes c–src and c–yes in embryonal and adult chicken tissues. Gessler M, et al. **Biosci Rep** 1984 Sep;4(9):757–70

Purification of fetal rat hepatocytes. Radford J, et al. **Cell Biol Int Rep** 1985 Aug;9(8):677–88

DNA repeat size in chick embryonic lens epithelium, lens fiber, brain and liver cell nuclei. Muel AS, et al. **Cell Differ** 1985 Jun;16(4):235–40

Thyroid hormone–induced precocious growth and maturation of the embryonic chicken liver. Prahlad KV, et al. **Cytobios** 1984;40(158):115–25

Control of kidney differentiation by soluble factors secreted by the embryonic liver and the yolk sac. Ekblom P, et al. **Dev Biol** 1985 Jul;110(1):29–38

Inducibility of carbamoylphosphate synthetase (ammonia) in cultures of embryonic hepatocytes: ontogenesis of the responsiveness to hormones. Lamers WH, et al. **Dev Biol** 1984 Oct;105(2):500–8

Influence of maternal diabetes in rats on hemoglobin synthesis and uridine uptake by fetal liver cells. Mulay S, et al. **Diabetes** 1985 Mar;34(3):212–6

A requirement for DNA synthesis in foetal hepatocyte differentiation. Effect of cytosine arabinoside on the appearance of the liver isoenzyme of pyruvate kinase. Scott R, et al. **Differentiation** 1984;28(1):49–52

Early development and tissue–specific patterns of insulin binding in chick embryo. Hendricks SA, et al. **Endocrinology** 1984 Oct;115(4):1315–23

Factors affecting the conversion of androstenedione to estrogens by human fetal hepatocytes in monolayer culture. Lanoux MJ, et al. **Endocrinology** 1985 Jul;117(1):361–8

Insulin–like growth factor receptor in fetal lamb liver: characterization and developmental changes. Owens PC, et al. **Endocrinology** 1985 Sep;117(3):982–90

Hormonal regulation of somatomedin secretion by fetal rat hepatocytes in primary culture. Richman RA, et al. **Endocrinology** 1985 Jan;116(1):180–8

Perinatal development of the liver in rat and spiny mouse. Its relation to altricial and precocial timing of birth. Lamers WH, et al. **Eur J Biochem** 1985 Jan 15;146(2):475–80

A comparative study of human placental and fetal liver catalase during development. Misra S, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Feb;19(2):81–8

Morphometric study on the absolute volume of differentiating hepatocytes in rats. Daimon T, et al. **Exp Pathol** 1984;26(3):141–9

Effect of aminoglutethimide on murine fetal hepatic erythroid colony formation. Leung P, et al. **Experientia** 1985 Apr 15;41(4):498–500

Aldose metabolism in developing human fetal brain and liver. Samanta BK, et al. **Experientia** 1984 Dec 15;40(12):1420–2

High performance liquid chromatography of rat globin chains of fetal liver during the switch from embryonic to adult hemoglobin. Congote LF, et al. **Hemoglobin** 1984; 8(4):373–86

Histones after administration of 4–diaminoazobenzene (4–DAB) in growing chick embryos. Sarma DK, et al. **Indian J Exp Biol** 1984 Mar;22(3):126–8

Evolution of 3–hydroxy–3–methylglutaryl–CoA reductase and microsomal membrane fluidity throughout chick embryo development. Marco C, et al. **Int J Biochem** 1985; 17(2):271–4

Developmental profiles and properties of hepatic peroxisomal apo– and mitochondrial holoalanine:glyoxylate aminotransferase during chick embryogenesis. Noguchi T, et al. **J Biol Chem** 1984 Dec 10;259(23):14498–504

Transmembrane potential and intracellular potassium ion activity in fetal and maternal liver. Chapman LM, et al. **J Cell Physiol** 1984 Oct;121(1):7–12

Ontogenesis of iodothyronine–5'–deiodinase. Induction of 5'–deiodinating activity by insulin, glucocorticoid, and thyroxine in cultured fetal mouse liver. Sato K, et al. **J Clin Invest** 1984 Dec;74(6):2254–62

Erythroid progenitors in human fetal liver. Kimura N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep;47(6):1235–41

Effect of thrombopoietin on in vitro production of megakaryocytes from fetal mouse liver cells. Kalmaz GD, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):50–6

Sex differentiation of liver protein synthesis. Lucier GW, et al. **Prog Clin Biol Res** 1985;163C:381–7

Liver retinoids and retinol esterification in fetal and pregnant rats at term. Rasmussen M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):696–700

Phenotype of the terminal transferase–positive cells in human foetal liver and bone–marrow: analysis with monoclonal antibodies. Bonati A, et al. **Scand J Haematol** 1984 Nov; 33(5):418–24

[Effect of external environmental factors on the hematopoietic and proliferative activities of human fetal liver cells] Cheng WY. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):633–5 **(Chi)**

[Ultrastructure and behavior of the nucleoli and fibrillar centers during cell differentiation of liver erythroblasts of 12–day–old mouse embryos] Chelidze PV, et al. **Tsitologiia** 1984 Aug;26(8):878–85 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Effects of phosphate anions and some divalent metal cations on phosphoenolpyruvate carboxykinase. Comparison of liver and kidney enzyme. Karczmarewicz E, et al. **Acta Biochim Pol** 1984;31(3):329–39

Regulation of (Ca2+-Mg2+)–ATPase activity by calcitonin binding to rat liver plasma membranes. Yamaguchi M, et al. **Acta Endocrinol (Copenh)** 1985 Sep;110(1):124–9

Branched chain amino acid transaminase and branched chain alpha–ketoacid dehydrogenase activity in the brain, liver and skeletal muscle of acute hepatic failure rats. Takei N. **Acta Med Okayama** 1985 Feb;39(1):1–10

Microsomal esterification of retinol in human liver. Rasmussen M, et al. **Acta Med Scand** 1984;216(4):403–7

HELLP syndrome—a serious complication of hypertension in pregnancy. Oian P, et al. **Acta Obstet Gynecol Scand** 1984;63(8):727–9

Role of glutathione and hepatic glutathione S–transferase in the biliary excretion of methyl mercury, cadmium and zinc: a study with enzyme inducers and glutathione depletors. Gregus Z, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):398–403

Effects of retinylacetate on the kinetics of rat liver guanylate cyclase: possible interaction with sulfhydryl groups. Rydell EL, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar; 56(3):214–20

Influence of seasons on circadian rhythm of acid phosphatase and beta–acetyl–glucosaminidase activity in the mouse salivary gland and liver. Litynska A. **Acta Physiol Hung** 1985;65(4):389–97

Effect of thyroxine on hepatic glucose–6–phosphatase activity and glycogen content of toad (Bufo melanostictus) and Lata fish (Ophicephalus punctatus) at different stages of life. Paul AK, et al. **Acta Physiol Hung** 1985;65(3):233–8

Biochemical compartmentation of fish tissues VII non–specific phosphomonoesterases in vital organs. Shaffi SA, et al. **Acta Physiol Hung** 1985;65(4):383–7

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: I. The role of peroxidation of membrane phospholipids. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):73–81

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: II. The interrelation between lipid peroxidation and proteolytic degradation of cytochrome P–450. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):82–9

Changes in rat liver and brain monoamine oxidase activity after acute treatment with some heavy metal salts. Yanev S, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):36–45

Lack of correlation between liver RNA polymerase I and ornithine decarboxylase activities after re–feeding of protein–depleted mice. Iapalucci–Espinoza S, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):157–62

Spontaneous conversion of carp liver AcPase I and some properties of its asialo–form. Kubicz A. **Acta Physiol Pol** 1984 May–Jun;35(3):277–83

Rhythmic variations in acid phosphatase activity in the liver of newborn rats. Twardowski J, et al. **Acta Physiol Pol** 1983 Sep–Dec;34(5–6):547–54

Basis of aldehyde dehydrogenase deficiency in Orientals: immunochemical studies. Agarwal DP, et al. **Alcohol** 1984 Mar–Apr;1(2):111–8

Human liver alcohol dehydrogenase: the unique properties of the 'atypical' isoenzyme beta 2 beta 2–Bern can be explained by a single base mutation. Bühler R, et al. **Alcohol** 1985 Jan–Feb;2(1):47–51

Aldehyde dehydrogenase content and composition of human liver. Forte–McRobbie CM, et al. **Alcohol** 1985 May–Jun; 2(3):375–81

Effects of ethanol treatment and castration on liver alcohol dehydrogenase activity. Gillion RB, et al. **Alcohol** 1985 Jan–Feb;2(1):39–41

Subcellular distribution of aldehyde dehydrogenase activities in human liver. Henehan GT, et al. **Alcohol** 1985 Jan–Feb; 2(1):107–10

Liver alcohol dehydrogenase: substrate inhibition and competition between substrates. Pocker Y, et al. **Alcohol** 1985 Jan–Feb;2(1):3–8

Hepatic catalase and superoxide dismutases after acute ethanol administration in rats. Ribiere C, et al. **Alcohol** 1985 Jan–Feb;2(1):31–3

Ethanol–glucocorticoid regulation of hepatic glucose–6–phosphate dehydrogenase. Stumpo DJ, et al. **Alcohol** 1985 Jan–Feb;2(1):169–72

Discrepancy between the different subcellular activities of rat liver catalase and superoxide dismutases in response to acute ethanol administration. Ribière C, et al. **Alcohol Alcohol** 1985;20(1):13–8

Kinetic characterization of two classes of dog liver alcohol dehydrogenase isoenzymes. Bosron WF, et al. **Alcoholism (NY)** 1985 May–Jun;9(3):228–34

Analysis of human alcohol– and aldehyde–metabolizing isozymes by electrophoresis and isoelectric focusing. Duley JA, et al. **Alcoholism (NY)** 1985 May–Jun;9(3):263–71

Brain and liver monoamine oxidase type A and type B activity in alcoholics and controls. Major LF, et al. **Alcoholism (NY)** 1985 Jan–Feb;9(1):6–9

Canine liver aldehyde dehydrogenases: distribution, isolation, and partial characterization. Sanny CG. **Alcoholism (NY)** 1985 May–Jun;9(3):255–62

Changes in hepatic superoxide dismutase activity in alcoholic monkeys. Keen CL, et al. **Am J Clin Nutr** 1985 May; 41(5):929–32

Hepatic antipyrine metabolism in malnourished patients: influence of the type of malnutrition and course after nutritional rehabilitation. Tranvouez JL, et al. **Am J Clin Nutr** 1985 Jun;41(6):1257–64

Severe hypoglycemia associated with HELLP syndrome. Egley CC, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):576–7

HELLP syndrome: pathologic entity or technical inadequacy? [letter] Greer IA, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):113–4

Blood glucose homeostasis in rats with a deficiency of liver phosphorylase kinase. Conaglen JC, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E44–50

Developmental changes of beta–adrenergic receptor–linked adenylate cyclase of rat liver. Katz MS, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E712–8

Androgens and estrogens affect hepatic bile acid sulfotransferase in male rats. Kirkpatrick RB, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G639–42

Increased ethanol consumption and blood ethanol levels in rats with portacaval shunts. Martin JR, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):G287–92

cAMP–independent stimulation of glycogen phosphorylase in newborn rat hepatocytes. Noguchi A, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E560–6

Effects of growth hormone on lipogenic enzyme activities in cultured rat hepatocytes. Schaffer WT. **Am J Physiol** 1985 Jun;248(6 Pt 1):E719–25

Purification of major basic glutathione transferase isoenzymes from rat liver by use of affinity chromatography and fast protein liquid chromatofocusing. Alin P, et al. **Anal Biochem** 1985 May 1;146(2):313–20

Quantitation of human intestinal and liver/bone alkaline phosphatase in serum by rocket electroimmunoassay. Alpers DH, et al. **Anal Biochem** 1984 Jul;140(1):129–37

Purification of thiol:protein–disulfide oxidoreductase from bovine liver. Bjelland S, et al. **Anal Biochem** 1984 Nov 1;142(2):463–6

Separation and measurement of short–chain coenzyme–A compounds in rat liver by reversed–phase high–performance liquid chromatography. King MT, et al. **Anal Biochem** 1985 Apr;146(1):173–9

Rapid purification and radioimmunoassay of cytosolic malic enzyme. Wise LS, et al. **Anal Biochem** 1984 Jul; 140(1):256–63

A two–step purification of ATP–citrate lyase from rat liver and its use in a fluorometric assay for N–acetylglutamate synthetase. Wraight C, et al. **Anal Biochem** 1985 Feb 1; 144(2):604–9

Kinetics of citrate–induced activation and polymerization of chick liver acetyl–CoA carboxylase. Beaty NB, et al. **Ann NY Acad Sci** 1985;447:23–37

Phosphorylation of rat liver glycogen synthase bound to the glycogen particle. Akatsuka A, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):186–95

Rat liver 4–hydroxy–2–ketoglutarate aldolase: purification and kinetic characterization. Anderson M, et al. **Arch Biochem Biophys** 1985 Jan;236(1):82–97

Pyridoxal phosphate protects against an irreversible temperature–dependent inactivation of hepatic delta–aminolevulinic acid synthase. Beattie DS, et al. **Arch Biochem Biophys** 1985 Jan;236(1):311–20

Guanosine triphosphate and colchicine affect the activity and the polymeric state of acetyl–CoA carboxylase. Buechler KF, et al. **Arch Biochem Biophys** 1984 Sep;233(2):698–707

Modulation of rat liver hydroxymethylglutaryl–CoA reductase by protein phosphatases: purification of nonspecific hydroxymethylglutaryl–CoA reductase phosphatases. Calvet VE, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):753–65

Purification and characterization of bile salt sulfotransferase from human liver. Chen LJ, et al. **Arch Biochem Biophys** 1985 Sep;241(2):371–9

Transcriptional regulation of rat liver glutathione S–transferase genes by phenobarbital and 3–methylcholanthrene. Ding VD, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):553–9

Structural changes of rabbit liver fructose–1,6–bisphosphatase: the effect of urea and subtilisin digestion. Dżugaj A, et al. **Arch Biochem Biophys** 1985 Jun;239(2):486–90

The long–term effect of glucagon on pyruvate kinase activity in primary cultures of hepatocytes. Evans C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):617–23

Isolation and characterization of human liver guanine deaminase. Gupta NK, et al. **Arch Biochem Biophys** 1985 Jan;236(1):266–76

A novel proteolytic activity in serum processes rat prohaptoglobin. Hanley JM, et al. **Arch Biochem Biophys** 1985 Jun;239(2):404–19

Effects of solute multivalency in quantitative affinity chromatography: evidence for cooperative binding of horse liver alcohol dehydrogenase to blue Sepharose. Hogg PJ, et al. **Arch Biochem Biophys** 1985 Jul;240(1):70–6

Kinetic studies of asparagine synthetase from rat liver: role of Mg2+ in enzyme catalysis. Hongo S, et al. **Arch Biochem Biophys** 1985 May 1;238(2):410–7

Purification and partial sequencing of bovine liver alkaline phosphatase. Hua JC, et al. **Arch Biochem Biophys** 1985 Sep;241(2):380–5

Developmental changes in the activities of peroxisomal and mitochondrial beta–oxidation in chicken liver. Ishii H, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):151–9

Anion effects on the liver alcohol dehydrogenase reaction. Kamlay MT, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):58–66

Colchicine inhibition of insulin induction of stearoyl–CoA desaturase and fatty acid synthetase in cultured avian liver explants. Kasturi R, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):530–9

Purification and properties of cytochrome P–450 from homogenates of human fetal livers. Kitada M, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):275–80

The time course of the interaction of sheep liver cytoplasmic aldehyde dehydrogenase with 2,2'– and 4,4'–dithiodipyridine: a comparison with the action of disulfiram. Kitson TM. **Arch Biochem Biophys** 1984 Nov 1;234(2):487–96

Isolation and characterization of 6–phosphofructo–2–kinase/fructose–2,6–bisphosphatase from bovine liver. Kountz PD, et al. **Arch Biochem Biophys** 1985 May 1;238(2):531–43

Inhibitory monoclonal antibodies against rat liver alcohol dehydrogenase. Lad PJ, et al. **Arch Biochem Biophys** 1984 Dec;235(2):589–95

Galactosylsphingosine inhibition of the broad–specificity cytosolic beta–glucosidase of human liver. LaMarco KL, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):669–76

Thyroid hormone regulation of flavocoenzyme biosynthesis. Lee SS, et al. **Arch Biochem Biophys** 1985 Feb 15; 237(1):197–201

Copper increases superoxide dismutase activity in rat liver. Ljutakova SG, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):636–43

Specificity of two different purified acylcarnitine hydrolases from rat liver, their identity with other carboxylesterases, and their possible function. Mentlein R, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):801–10

Regulation of ornithine aminotransferase by cyclic AMP and glucose in primary cultures of adult rat hepatocytes. Merrill MJ, et al. **Arch Biochem Biophys** 1985 Mar;237(2):373–85

A reexamination of the role of the cytosolic alanine aminotransferase in hepatic gluconeogenesis. Patel TB, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):705–11

Dephosphorylation of L–pyruvate kinase during rat liver hepatocyte isolation. Riou JP, et al. **Arch Biochem Biophys** 1985 Jan;236(1):321–7

The carbon dioxide hydration activity of the sulfonamide–resistant carbonic anhydrase from the liver of male rat: pH independence of the steady–state kinetics. Sanyal G. **Arch Biochem Biophys** 1984 Nov 1;234(2):576–9

Immunoelectrophoretic characterization of the ADP/ATP carrier from heart, kidney, and liver. Schultheiss HP, et al. **Arch Biochem Biophys** 1985 May 15;239(1):273–9

Adenosine aminohydrolase activity in the regenerating rat liver. Sheid B. **Arch Biochem Biophys** 1985 Apr; 238(1):259–62

Purification and characterization of a rat liver cytosol neutral thiol peptidase that degrades glucagon, insulin, and isolated insulin A and B chains. Shroyer LA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):205–19

Calmodulin–stimulated protein methylation in rat liver cytosol. Siegel FL, et al. **Arch Biochem Biophys** 1985 Mar; 237(2):347–53

Subcellular localization of a membrane–associated transglutaminase activity in rat liver. Slife CW, et al. **Arch Biochem Biophys** 1985 Sep;241(2):329–36

Characterization of a phosphatidylinositol 4–phosphate–specific phosphomonoesterase in rat liver nuclear envelopes. Smith CD, et al. **Arch Biochem Biophys** 1984 Dec;235(2):529–37

Investigation of the effects of crosslinking glutamate dehydrogenase with dimethyl pimelimidate. Smith TJ, et al. **Arch Biochem Biophys** 1985 May 15;239(1):63–73

Isolation and characterization of DL–methylmalonyl–coenzyme A racemase from rat liver. Stabler SP, et al. **Arch Biochem Biophys** 1985 Aug 15; 241(1):252–64

Synthesis and degradation of 3–methylcholanthrene–inducible cytochromes P–450 and their mRNAs in primary monolayer cultures of adult rat hepatocytes. Steward AR, et al. **Arch Biochem Biophys** 1985 Sep;241(2):494–508

Marked differences in the swainsonine inhibition of rat liver lysosomal alpha–D–mannosidase, rat liver Golgi mannosidase II, and jack bean alpha–D–mannosidase. Tulsiani DR, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):427–34

Comparative activity of rat liver dihydrofolate reductase with 7,8–dihydrofolate and other 7,8–dihydropteridines. Webber S, et al. **Arch Biochem Biophys** 1985 Feb 1; 236(2):681–90

Membrane enzyme cytochemical changes in the hepatocytes of diethylnitrosamine induced hepatomas. Krustev LP, et al. **Arch Geschwulstforsch** 1985;55(2):99–105

Characterization of the ouabain–insensitive ATPase activity of rat liver plasma membranes. Oertle M, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):107–18

Leiomyoblastoma associated with intractable hypercalcemia and elevated 1,25–dihydroxycholecalciferol levels. Treatment by hepatic enzyme induction. Maislos M, et al. **Arch Intern Med** 1985 Mar;145(3):565–7

Comparative effects of ethanol administration on hepatic monooxygenases in rats and mice. Elves RG, et al. **Arch Toxicol** 1984 Oct;55(4):258–64

Meso–2,3–dimercaptosuccinic acid increases the inhibition of glutathione S–transferase activity from rat liver cytosol supernatants by di–n–butyltin dichloride. Henninghausen G, et al. **Arch Toxicol** 1985 Apr;57(1):67–8

Contrasting effects of ethylenethiourea on hepatic monooxygenases in rats and mice. Lewerenz HJ, et al. **Arch Toxicol** 1984 Dec;56(2):92–5

A single step method for the separation of rat liver cytosolic glutathione S-transferase isozymes. Botti-Cacciari B, et al. **Arch Toxicol [Suppl]** 1984;7:517-20

Methadone affects the histochemical pattern of xenobiotic-metabolizing enzymes in the liver of pregnant rats. Chieco P, et al. **Arch Toxicol [Suppl]** 1984;7:261-5

Plasma apoprotein changes after selective inhibition of hepatic triglyceride lipase in rat. Kurz K, et al. **Atherosclerosis** 1984 Dec;53(3):233-9

Effects of two progestins with different androgenic properties on hepatic endothelial lipase and high density lipoprotein2. Kuusi T, et al. **Atherosclerosis** 1985 Mar;54(3):251-62

Identification of potential antiatherosclerotic/hypolipidemic agents by their effect on hepatic conversion of androst-4-ene-3,17-dione to etiocholanolone and androsterone. Wasvary MJ, et al. **Atherosclerosis** 1985 Jan;54(1):23-36

Post-heparin hepatic and lipoprotein lipase activities in nephrotic syndrome. Chan MK, et al. **Aust NZ J Med** 1984 Dec;14(6):841-7

Dietary dependent distribution of acetyl CoA carboxylase between cytoplasm and mitochondria of rat liver. Allred JB, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):453-60

Threonine phosphorylation of rat liver glycogen synthase. Ariño J, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):987-93

Irreversible inhibition of hepatic glutathione S-transferase by ciprofibrate, a peroxisome proliferator. Awasthi YC, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1012-8

Enhancement of acyl coenzyme A:retinol acyltransferase in rat liver and mammary tumor tissue by retinyl acetate and its competitive inhibition by N-(4-hydroxyphenyl) retinamide. Ball MD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):7-11

The effect of 1-deoxymannojirimycin on rat liver alpha-mannosidases. Bischoff J, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):324-31

TCDD (2,3,7,8-tetrachlorodibenzo-p-dioxin) causes increases in protein kinases particularly protein kinase C in the hepatic plasma membrane of the rat and the guinea pig. Bombick DW, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):296-302

The effect of metalloporphyrins and heme liposomes on delta-aminolevulinate synthase activity in rat liver. Cannon JB, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):306-12

Tetrameric alkaline phosphatase in human liver plasma membranes. Chakrabartty A, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):328-35

Changes in key regulatory enzymes of hepatic carbohydrate metabolism after glucose loading of starved rats. Claus TH, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):655-61

Expression of alcohol dehydrogenase in primary monolayer cultures of rat hepatocytes. Crabb DW, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):12-7

Changes of aldolase A and B messenger RNA levels in rat liver during azo-dye-induced hepatocarcinogenesis. Daimon M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):337-43

Production of a monoclonal antibody directed against rat liver glutathione-insulin transhydrogenase. Dawson DB, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):668-74

Regulation of mRNA levels of rat liver carbamoylphosphate synthetase by glucocorticosteroids and cyclic AMP as estimated with a specific cDNA. de Groot CJ, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):882-8

Narcan inhibition of human liver alcohol dehydrogenase. Dingley AL, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):299-306

Separation of rabbit liver latent and spontaneously active phosphorylase phosphatases by chromatography on heparin-sepharose. Erdödi F, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):705-12

Insulin and glucagon's reciprocal mediation of a dual regulation mechanism for pyruvate kinase. Feuers RJ, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):651-6

Monoclonal antibody directed isolation and amino-terminal sequence analysis of phenobarbital induced rat liver cytochromes P-450. Friedman FK, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):926-33

Protease-activated protein kinase in rat liver plasma membrane. Hashimoto E, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):246-54

In vitro synthesis of superoxide dismutases of rat liver. Hirano K, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):89-94

Temperature dependent redistribution among the multiple forms of rat Yb-glutathione-S-transferase. Homma H, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):425-32

Studies on the primary structure of rat liver phenylalanine hydroxylase. Iwaki M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):922-32

Differential susceptibility to GTP formed from added GDP via membrane-associated nucleoside diphosphate kinase of GTP-sensitive adenylate cyclases achieved by hormone and cholera toxin. Kimura N, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):199-206

Inhibition of rat liver phosphofructokinase-2 by phosphoenolpyruvate and ADP. Kretschmer M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):793-6

A 25 000 dalton inhibitor of cAMP independent protein kinases present in rat liver HMG protein preparations. Levy-Favatier F, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):149-56

Effect of S-adenosylhomocysteine on sulfhydryl xenobiotic transmethylases in rat liver. Loo G, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):965-71

Characterization of the exchange reactions of rat liver 6-phosphofructo 2-kinase/fructose 2,6-bisphosphatase. El-Maghrabi MR, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):749-56

Regulation of the multiple molecular forms of rat liver glucose 6-phosphate dehydrogenase by insulin and dietary restriction. Martins RN, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):136-42

pH-dependent conversion of liver-membranous alkaline phosphatase to a serum-soluble form by n-butanol extraction. Miki A, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):89-95

DNA polymerases and DNA topoisomerases solubilized from nuclear matrices of regenerating rat livers. Nishizawa M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):917-24

Evidence that 2-allyl-2-isopropylacetamide and phenobarbital induce the same cytochrome P-450 in cultured chick embryo hepatocytes. Oron L, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1096-102

Phosphorylation of microsomal HMG CoA reductase increases susceptibility to proteolytic degradation in vitro. Parker RA, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):629-35

Differences in the occurrence of glutathione transferase isoenzymes in rat lung and liver. Robertson IG, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):80-6

Nucleotide sequence of a cDNA clone for human aldolase: a messenger RNA in the liver. Sakakibara M, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):413-20

Reverse transcriptase of rat liver associated with the endogenous retrovirus related to the mouse intracisternal A-particles. Salganik RI, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):492-9

Analysis of neuraminidase isozyme phenotypes in mammalian tissues: an electrophoretic approach. Samollow PB, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1182-8

The regulatory and catalytic subunits of rat liver cyclic AMP-dependent protein kinases respond differently to thyroparathyroidectomy and 1 alpha,25-dihydroxyvitamin D3. Sikorska M, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):766-72

Protein kinase activity of purified rat liver glucocorticoid receptor. Singh VB, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1067-73

Cysteine conjugate beta-lyase activities in rat kidney cortex: subcellular localization and relationship to the hepatic enzyme. Stevens JL. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):499-504

Inhibition of guanylate cyclases by methylxanthines and papaverine. Strinden ST, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1194-200

Cholesterol 7 alpha-hydroxylase of rat liver: an insulin sensitive enzyme. Subbiah MT, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):896-902

Polyethylene glycol-modified catalase exhibits unexpectedly high activity in benzene. Takahashi K, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):761-6

Feminization of the hepatic monooxygenases by growth hormone is mimicked by puromycin and correlates with a decrease in male-type cytochrome P450. Vockentanz BM, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):683-8

Rabbit lung flavin-containing monooxygenase is immunochemically and catalytically distinct from the liver enzyme. Williams DE, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):116-22

Protein phosphatases active on acetyl-CoA carboxylase phosphorylated by casein kinase I, casein kinase II and the cAMP-dependent protein kinase. Witters LA, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1132-8

Characterization of fatty acid synthetase cDNA clone and its mRNA. Yan C, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1235-41

Induction of hepatic and renal ornithine decarboxylase by cadmium in rats. Yoshida T, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):882-7

Aldehyde reductase isozymes in the mouse: evidence for two new loci and localization of Ahr-3 on chromosome 7. Mather PB, et al. **Biochem Genet** 1985 Jun;23(5-6):483-96

Genetic considerations in the effects of ethanol in mice. II. A trans-acting inducibility regulator(s) affecting alcohol dehydrogenase (ADH) activity. Wang CH, et al. **Biochem Genet** 1984 Aug;22(7-8):597-609

Phenylalanine hydroxylase. Evidence that the enzyme from human liver might not be a phosphoprotein. Abita JP, et al. **Biochem Int** 1983 Dec;7(6):727-37

Selenite: a good inhibitor of rat-liver DNA methylase. Cox R. **Biochem Int** 1985 Jan;10(1):63-9

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: I. Key enzymes of glycolysis and lactate dehydrogenase. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):695-706

Acetyl CoA:alpha-glucosaminide N-acetyl transferase: partial purification from human liver. Freeman C, et al. **Biochem Int** 1983 May;6(5):663-71

Chromatographic differentiation of the mitochondrial and cytosolic fumarases of rat liver and Baker's yeast and differential induction of two fumarases of Baker's yeast. Hiraga K, et al. **Biochem Int** 1984 Oct;9(4):455-61

Preference of glucokinase for the alpha anomer of hexose: relation to alpha-anomer preference in hexose-induced insulin release by pancreatic islets. Miwa I, et al. **Biochem Int** 1983 Oct;7(4):449-54

Inhibition of glucokinase in hepatocytes by alloxan. Miwa I, et al. **Biochem Int** 1984 Nov;9(5):595-602

Changes in rat liver immunoreactive cathepsin D after cycloheximide. Musi M, et al. **Biochem Int** 1985 Feb;10(2):283-90

Aminopeptidase activity in the livers of rats with experimental chronic renal failure. Ogura M, et al. **Biochem Int** 1984 Nov;9(5):621-4

Disturbance of methyl group metabolism in alloxan-diabetic sheep. Xue GP, et al. **Biochem Int** 1985 Jun;10(6):897-905

Radioimmunochemical evidence for a role of carbohydrate in antigenic determinant(s) on human liver alpha-L-fucosidase. Alhadeff JA, et al. **Biochem J** 1984 Oct 15;223(2):293-8

A 17 beta-hydroxysteroid dehydrogenase of female rabbit liver cytosol. Purification and characterization of multiple forms of the enzyme. Antoun GR, et al. **Biochem J** 1985 Jan 15;225(2):383-90

Age-dependent changes in the multiple forms of the soluble 17 beta-hydroxysteroid dehydrogenase of female rabbit liver. Antoun GR, et al. **Biochem J** 1985 Jan 15;225(2):391-8

Characterization of the phospholipid requirement of a rat liver beta-glucosidase. Basu A, et al. **Biochem J** 1984 Dec 1;224(2):515-24

Degradation of mono-oleoylglycerol, trioleoylglycerol and phosphatidylcholine in emulsions and lipoproteins by rat hepatic acylglycerol lipase. Belcher JD, et al. **Biochem J** 1985 Jul 15;229(2):343-51

Acyl-CoA synthetase and the peroxisomal enzymes of beta-oxidation in human liver. Quantitative analysis of their subcellular localization. Bronfman M, et al. **Biochem J** 1984 Dec 15;224(3):709-20

Carnitine acyltransferase and acyl-coenzyme A hydrolase activities in human liver. Quantitative analysis of their subcellular localization. Bronfman M, et al. **Biochem J** 1984 Dec 15;224(3):721-30

Starvation and feeding with a high-carbohydrate diet induce changes in the specific activity of rat hepatic pyruvate kinase. Cimbala MA, et al. **Biochem J** 1985 Feb 15;226(1):299-303

Hormonal regulation of L-type pyruvate kinase in hepatocytes from phosphorylase kinase-deficient (gsd/gsd) rats. Clark MG, et al. **Biochem J** 1984 Dec 15;224(3):863-9

Effect of cobalamin inactivation on folate-dependent transformylases involved in purine synthesis in rats. Deacon R, et al. **Biochem J** 1985 Apr 1;227(1):67-71

Studies on the mechanism of sheep liver cytosolic aldehyde dehydrogenase. Dickinson FM. **Biochem J** 1985 Jan 1;225(1):159-65

Quantification of liver and kidney phosphofructokinase by radioimmunoassay in fed, starved and alloxan-diabetic rats. Donofrio JC, et al. **Biochem J** 1984 Dec 1;224(2):541-7

Synthesis of 3-ketoacyl-CoA thiolase of rat liver peroxisomes on free polyribosomes as a larger precursor. Induction of thiolase mRNA activity by clofibrate. Fujiki Y, et al. **Biochem J** 1985 Mar 15;226(3):697-704

Co-purification of galactosyltransferases from chick-embryo liver. Furukawa K, et al. **Biochem J** 1985 Apr 15;227(2):573-82

Deoxyribonuclease IV from rat liver chromatin and the excision of apurinic sites from depurinated DNA. Grondal-Zocchi G, et al. **Biochem J** 1985 Jan 15;225(2):535-42

Guinea-pig liver testosterone 17 beta-dehydrogenase (NADP+) and aldehyde reductase exhibit benzene dihydrodiol dehydrogenase activity. Hara A, et al. **Biochem J** 1985 Jan 1;225(1):177-81

Purification and characterization of glutathione S-transferases P, S and N. Isolation from rat liver of Yb1 Yn protein, the existence of which was predicted by subunit hybridization in vitro. Hayes JD. **Biochem J** 1984 Dec 15;224(3):839-52

Effect of thyroid state on cyclic AMP-mediated induction of hepatic phosphoenolpyruvate carboxykinase. Höppner W, et al. **Biochem J** 1985 Feb 15;226(1):67-73

The kinetic mechanism of ox liver glutamate dehydrogenase in the presence of the allosteric effector ADP. The oxidative deamination of L-glutamate. Hornby DP, et al. **Biochem J** 1984 Oct 1;223(1):161-8

Purification and some kinetic properties of rat liver ATP citrate lyase. Houston B, et al. **Biochem J** 1984 Dec 1;224(2):437-43

Hepatic delta 6-desaturase activity in lean and genetically obese ob/ob mice. Hughes S, et al. **Biochem J** 1985 Jan 15;225(2):307-13

Role of dexamethasone and insulin on the development of the five urea-cycle enzymes in cultured rat foetal hepatocytes. Husson A, et al. **Biochem J** 1985 Jan 1; 225(1):271-4

Pretranslational regulation of tyrosine aminotransferase and phosphoenolpyruvate carboxykinase (GTP) synthesis by glucagon and dexamethasone in adult rat hepatocytes. Iynedjian PB, et al. **Biochem J** 1985 Jan 1;225(1):77-84

Oestradiol-17 alpha dehydrogenase from chicken liver. Johnston J, et al. **Biochem J** 1984 Sep 15;222(3):761-8

Electrophoretic characterization of hepatic alkaline phosphatase released by phosphatidylinositol-specific phospholipase C. A comparison with liver membrane and serum-soluble forms. Kominami T, et al. **Biochem J** 1985 Apr 1;227(1):183-9

Dexamethasone increases UDP-glucuronyltransferase activity towards bilirubin, oestradiol and testosterone in foetal liver from rhesus monkey during late gestation. Leakey JE, et al. **Biochem J** 1985 Jan 1;225(1):183-8

Endo-N-acetyl-beta-D-glucosaminidase activity in rat liver. Studies on substrate specificity, enzyme inhibition, subcellular localization and partial purification. Lisman JJ, et al. **Biochem J** 1985 Jul 15;229(2):379-85

Evidence that the peripheral cyclic AMP phosphodiesterase of rat liver plasma membranes is a metalloenzyme. Londesborough J. **Biochem J** 1985 Jan 1;225(1):143-7

Stimulation of liver tryptophan pyrrolase during heat exposure. Manjunath R, et al. **Biochem J** 1985 Mar 1; 226(2):397-402

Identification of active-site residues of sheep liver serine hydroxymethyltransferase. Manohar R, et al. **Biochem J** 1984 Dec 15;224(3):703-7

Effect of starvation, diabetes and insulin on the casein kinase 2 from rat liver cytosol. Martos C, et al. **Biochem J** 1985 Jan 15;225(2):321-6

Human liver cathepsin L. Mason RW, et al. **Biochem J** 1985 Feb 15;226(1):233-41

The glutathione S-transferases in selenium and vitamin E deficiency. Mehlert A, et al. **Biochem J** 1985 May 1; 227(3):823-31

Contribution of different protein phosphatases to the dephosphorylation of 6-phosphofructo-1-kinase and 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase in rat liver. Mieskes G, et al. **Biochem J** 1985 Feb 1; 225(3):665-70

Hormonal control of pyruvate dehydrogenase activity in rat liver. Oviasu OA, et al. **Biochem J** 1984 Nov 15; 224(1):181-6

Purification and photoaffinity labelling of lipid methyltransferase from rat liver. Pajares MA, et al. **Biochem J** 1984 Oct 1;223(1):61-6

Purification and properties of a 3 alpha-hydroxysteroid dehydrogenase of rat liver cytosol and its inhibition by anti-inflammatory drugs. Penning TM, et al. **Biochem J** 1984 Sep 15;222(3):601-11

Folate polyglutamate synthetase activity in the cobalamin-inactivated rat. Perry J, et al. **Biochem J** 1985 Apr 1;227(1):73-7

Effects of cyclic AMP, glucocorticoids and insulin on the activities of phosphatidate phosphohydrolase, tyrosine aminotransferase and glycerol kinase in isolated rat hepatocytes in relation to the control of triacylglycerol synthesis and gluconeogenesis. Pittner RA, et al. **Biochem J** 1985 Jan 15;225(2):455-62

Cycloheximide blocks changes in rat liver carnitine palmitoyltransferase 1 activity in starvation. Saggerson ED, et al. **Biochem J** 1984 Nov 15;224(1):201-6

The role of tryptophan 2,3-dioxygenase in the hormonal control of tryptophan metabolism in isolated rat liver cells. Effects of glucocorticoids and experimental diabetes. Salter M, et al. **Biochem J** 1985 Jul 15;229(2):499-504

Comparison of ornithine decarboxylase from rat liver, rat hepatoma and mouse kidney. Seely JE, et al. **Biochem J** 1985 Mar 1;226(2):577-86

Inhibition of uroporphyrinogen decarboxylase by halogenated biphenyls in chick hepatocyte cultures. Essential role for induction of cytochrome P-448. Sinclair PR, et al. **Biochem J** 1984 Sep 15;222(3):737-48

Role of protein synthesis in the carbohydrate-induced changes in the activities of acetyl-CoA carboxylase and hydroxymethylglutaryl-CoA reductase in cultured rat hepatocytes. Spence JT, et al. **Biochem J** 1985 May 1; 227(3):939-47

Ca2+-dependent activation of oxoglutarate dehydrogenase by vasopressin in isolated hepatocytes. Staddon JM, et al. **Biochem J** 1985 Jan 15;225(2):327-33

Activities of glucokinase and hexokinase in mammalian and avian livers. Stanley JC, et al. **Biochem J** 1984 Dec 1; 224(2):667-71

Identification of a basic hybrid glutathione S-transferase from human liver. Glutathione S-transferase delta is composed of two distinct subunits (B1 and B2). Stockman PK, et al. **Biochem J** 1985 Apr 15;227(2):457-65

Identification and pertial purification of a unique phenolic steroid sulphotransferase in rat liver cytosol. Sugiyama Y, et al. **Biochem J** 1984 Dec 15;224(3):947-53

Ox liver glutamate dehydrogenase. The use of chemical modification to study the relationship between catalytic sites for different amino acid substrates and the question of kinetic non-equivalence of the subunits. Syed SE, et al. **Biochem J** 1984 Sep 15;222(3):621-6

Effect of tryptophan metabolites on the activities of rat liver pyridoxal kinase and pyridoxamine 5-phosphate oxidase in vitro. Takeuchi F, et al. **Biochem J** 1985 Apr 15; 227(2):537-44

Subcellular localization and tissue distribution of sialic acid-forming enzymes. N-acetylneuraminate-9-phosphate synthase and N-acetylneuraminate 9-phosphatase. Van Rinsum J, et al. **Biochem J** 1984 Oct 15;223(2):323-8

Comparison of the activities of some peroxisomal and extraperoxisomal lipid-metabolizing enzymes in liver and extrahepatic tissues of the rat. Van Veldhoven P, et al. **Biochem J** 1985 May 1;227(3):737-41

Phenylalanine hydroxylase isozymes in regenerating liver: effects of diet and age. Crawford RD, et al. **Biochem Med** 1985 Feb;33(1):77-89

Carbamyl phosphate glucose transferase activity of glucose-6-phosphatase in the isolated rat hepatocyte. Crozier GL, et al. **Biochem Med** 1984 Dec;32(3):379-86

The purification of arylsulfatases A and B. Ozeki T, et al. **Biochem Med** 1984 Dec;32(3):349-56

Regulation of NAD- and NADP-linked isocitrate dehydrogenase by thyroxine in the brain and liver of female rats of various ages. Yadav RN. **Biochem Med** 1985 Jun; 33(3):312-9

Effect of streptozotocin on the glutathione S-transferases of mouse liver cytosol. Agius C, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):811-9

Inhibition of purified rat liver glutathione S-transferase isozymes by diuretic drugs. Ahokas JT, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2157-61

Spectral properties of substrate-cytochrome P-450 interaction and catalytic activity of xenobiotic metabolizing enzymes in isolated rainbow trout liver cells. Andersson T, et al. **Biochem Pharmacol** 1985 May 1;34(9):1407-13

Regulation of renal cytochrome P-450. Effects of two-thirds hepatectomy, cholestasis, biliary cirrhosis and post-necrotic cirrhosis on hepatic and renal microsomal enzymes. Babany G, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):311-20

Inhibition by sulfasalazine of LTC synthetase and of rat liver glutathione S-transferases. Bach MK, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2695-704

Xenobiotic imprinting of the hepatic monooxygenase system. Effects of neonatal phenobarbital administration. Bagley DM, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1007-14

Xenobiotic imprinting of hepatic metabolic enzyme systems: effect of neonatal 3-methylcholanthrene administration. Bagley DM, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2569-73

The concentration of cytochrome P-450 in human hepatocyte culture. Blaauboer BJ, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2405-8

The inhibition of bovine liver dihydrofolate reductase by tricyclic antidepressant drugs. Blake C, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2212-4

A monoclonal antibody raised to rat liver cytochrome P-448 (form C) which recognises an epitope common to many other forms of cytochrome P-450. Boobis AR, et al. **Biochem Pharmacol** 1985 May 15;34(10):1671-81

Activities of several phase I and phase II xenobiotic biotransformation enzymes in cultured hepatocytes from male and female rats. Croci T, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3029-35

Amelioration of cyclosporin-induced nephrotoxicity in rats by induction of hepatic drug metabolism. Cunningham C, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):573-8

Inhibition of rabbit nasal and hepatic cytochrome P-450-dependent hexamethylphosphoramide (HMPA) N-demethylase by methylenedioxyphenyl compounds. Dahl AR, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):631-6

Hepatic drug-metabolizing enzymes in lung tumor-bearing rats. Dogra SC, et al. **Biochem Pharmacol** 1985 Sep 1; 34(17):3190-3

Relationship between inductions of monooxygenase activity and gamma-glutamyltranspeptidase in rat hepatocyte primary cultures. Edwards AM. **Biochem Pharmacol** 1984 Dec 1;33(23):3839-45

Effects of ethanol administration on rat liver plasma membrane-bound enzymes. Gonzalez-Calvin JL, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2685-9

Maintenance of cytochrome P-450 in cultured adult human hepatocytes. Guillouzo A, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2991-5

Properties of NADPH-dependent carbonyl reductases in rat liver cytosol. Ikeda M, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3957-61

Cytosolic glutathione S-transferases in Drosophila melanogaster. Jansen M, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3655-9

Comparison of kidney, lung and liver coumarin 7-hydroxylases in phenobarbital pretreated DBA/2J and C57BL/6J mice. Kaipainen P, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1987-91

Comparative subcellular distribution of aldehyde dehydrogenase in rat, mouse and rabbit liver. Lindahl R, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3383-9

Evidence for a decrease in the efficiency of beta-receptor coupling to adenylate cyclase in liver membranes from sucrose-fed rats. Lynch CJ, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):623-9

Effect of castration on the turnover of rat liver alcohol dehydrogenase. Mezey E, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):369-72

The distribution of microsomal glutathione transferase among different organelles, different organs, and different organisms. Morgenstern R, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3609-14

Reductases for carbonyl compounds in human liver. Nakayama T, et al. **Biochem Pharmacol** 1985 Jan 1; 34(1):107-17

Subcellular distribution and properties of a clofibrate-induced aldehyde dehydrogenase from rat liver. Panchenko LF, et al. **Biochem Pharmacol** 1985 Feb 15; 34(4):471-9

Inhibition of purified lysosomal phospholipase A1 by beta-adrenoceptor blockers. Pappu AS, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):521-4

Sex differences in hepatic alcohol dehydrogenase activity in animal species. Rachamin G, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2385-6

Induction of epoxide hydrolase in cultured rat hepatocytes and hepatoma cell lines. Razzouk C, et al. **Biochem Pharmacol** 1985 May 1;34(9):1537-42

Selenium and drug metabolism--III. Relation of glutathione-peroxidase and other hepatic enzyme modulations to dietary supplements. Reiter R, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2287-90

Effect of sulfotransferase inhibitors on the 2-acetylaminofluorene-mediated lowering of rat liver N-hydroxy-2-acetylaminofluorene sulfotransferase activity. Ringer DP, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3380-3

Altered induction response of hepatic cytochrome P-450 to phenobarbital, 3-methylcholanthrene, and beta-naphthoflavone in organotin-treated animals. Rosenberg DW, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):997-1005

Hormonal regulation of heme oxygenase induction in avian hepatocyte culture. Sardana MK, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2937-44

Enzymatic sulfation of steroids--XX. Effects of ten drugs on the hepatic glucocorticoid sulfotransferase activity of rats in vitro and in vivo. Singer SS, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3485-90

Continued depression of hepatic uroporphyrinogen decarboxylase activity caused by hexachlorobenzene or 2,3,7,8-tetrachlorodibenzo-p-dioxin despite regeneration after partial hepatectomy. Smith AG, et al. **Biochem Pharmacol** 1985 May 15;34(10):1817-20

Streptozotocin-induced diabetes and hormone sensitivity of adenylate cyclase in rat myocardial sarcolemma, aorta and liver. Srivastava AK, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2013-7

Comparison of the hepatic mixed function oxidase system of young, adult, and old non-human primates (Macaca nemestrina). Sutter MA, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2983-7

Enzymatic requirement for cyanamide inactivation of rat liver aldehyde dehydrogenase. Svanas GW, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1197-204

Regiospecific and diastereoselective inactivation of mutagenic 9,10-dihydrobenzo[a]-pyrene 7,8-oxide by hepatic cytosolic glutathione S-transferase. Watabe T, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4051-6

Inactivation of catalase with 3-amino-1,2,4-triazole: an indirect irreversible mechanism. Williams RN, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3386-9

Kynurenine hydroxylase: a potential rate-limiting enzyme in tryptophan metabolism. Bender DA, et al. **Biochem Soc Trans** 1985 Apr;13(2):441-3

Enzymology and physiological role of hepatic lipase. Jansen H, et al. **Biochem Soc Trans** 1985 Feb;13(1):24-6

Polyamine oxidases. Morgan DM. **Biochem Soc Trans** 1985 Apr;13(2):322-6

Phenylalanine hydroxylase: metabolic aspects. Pogson CI, et al. **Biochem Soc Trans** 1985 Apr;13(2):439-41

Distribution of reaction intermediates on chicken liver fatty acid synthase. Anderson VE, et al. **Biochemistry** 1985 Apr 23;24(9):2147-54

Carboxymethylated liver alcohol dehydrogenase: kinetic and thermodynamic characterization of reactions with substrates and inhibitors. Dahl KH, et al. **Biochemistry** 1984 Dec 18;23(26):6829-39

Reaction of 4-trans-(N,N-dimethylamino)cinnamaldehyde with the liver alcohol dehydrogenase-oxidized nicotinamide adenine dinucleotide complex. Dahl KH, et al. **Biochemistry** 1984 Aug 28;23(18):4094-100

Human liver alcohol dehydrogenase isozymes: reduction of aldehydes and ketones. Deetz JS, et al. **Biochemistry** 1984 Dec 18;23(26):6822-8

Physical and enzymatic properties of a class II alcohol dehydrogenase isozyme of human liver: pi-ADH. Ditlow CC, et al. **Biochemistry** 1984 Dec 18;23(26):6363-8

Unambiguous stereochemical course of rabbit liver fructose bisphosphatase hydrolysis. Domanico PL, et al. **Biochemistry** 1985 Mar 26;24(7):1623-8

Crystallographic investigations of nicotinamide adenine dinucleotide binding to horse liver alcohol dehydrogenase. Eklund H, et al. **Biochemistry** 1984 Dec 4;23(25):5982-96

Differential inhibition of histone and polyamine acetylases by multisubstrate analogues. Erwin BG, et al. **Biochemistry** 1984 Aug 28;23(18):4250-5

Glucosidase II, a glycoprotein of the endoplasmic reticulum membrane. Proteolytic cleavage into enzymatically active fragments. Hino Y, et al. **Biochemistry** 1985 Jan 29; 24(3):800-5

Nucleotide sequence of a full-length complementary DNA clone and amino acid sequence of human phenylalanine hydroxylase. Kwok SC, et al. **Biochemistry** 1985 Jan 29; 24(3):556–61

Studies on the polyglutamate specificity of thymidylate synthase from fetal pig liver. Lu YZ, et al. **Biochemistry** 1984 Dec 18;23(26):6870–6

Kinetic mechanism of the interaction of D–cycloserine with serine hydroxymethyltransferase. Manohar R, et al. **Biochemistry** 1984 Aug 28;23(18):4116–22

Mammalian folyl polyglutamate synthetase: partial purification and properties of the mouse liver enzyme. Moran RG, et al. **Biochemistry** 1984 Sep 25;23(20):4580–9

Activating effect of p–(chloromercuri)benzoate on the cytoplasmic aldehyde dehydrogenase from sheep liver. Motion RL, et al. **Biochemistry** 1984 Dec 18;23(26):6851–7

Determination of the screw sense specificity of bovine liver fructokinase. Pecoraro VL, et al. **Biochemistry** 1985 Mar 26;24(7):1619–22

Spectroscopic investigation of ligand interaction with hepatic phenylalanine hydroxylase: evidence for a conformational change associated with activation. Phillips RS, et al. **Biochemistry** 1984 Aug 14;23(17):3836–42

Sequence comparison of rat liver phenylalanine hydroxylase and its cDNA clones. Robson KJ, et al. **Biochemistry** 1984 Nov 20;23(24):5671–5

Mechanism of rat liver DNA methyltransferase interaction with anti–benzo[a]pyrenediol epoxide modified DNA templates. Ruchirawat M, et al. **Biochemistry** 1984 Nov 6;23(23):5426–32

Variation of transition–state structure as a function of the nucleotide in reactions catalyzed by dehydrogenases. 1. Liver alcohol dehydrogenase with benzyl alcohol and yeast aldehyde dehydrogenase with benzaldehyde. Scharschmidt M, et al. **Biochemistry** 1984 Nov 6;23(23):5471–8

pH profiles and isotope effects for aconitases from Saccharomycopsis lipolytica, beef heart, and beef liver. alpha–Methyl–cis–aconitate and threo–Ds–alpha–methylisocitrate as substrates. Schloss JV, et al. **Biochemistry** 1984 Sep 25;23(20):4572–80

Pyrimidine catabolism: individual characterization of the three sequential enzymes with a new assay. Traut TW, et al. **Biochemistry** 1984 May 22;23(11):2533–9

Identification of the cytochrome P–450 induced by macrolide antibiotics in rat liver as the glucocorticoid responsive cytochrome P–450p. Wrighton SA, et al. **Biochemistry** 1985 Apr 23;24(9):2171–8

Human liver alcohol dehydrogenase: purification and kinetic characterization of the beta 2 beta 2, beta 2 beta 1, alpha beta 2, and beta 2 gamma 1 'Oriental' isoenzymes. Yin SJ, et al. **Biochemistry** 1984 Nov 20;23(24):5847–53

An antibody probe to determine the native species of glycinamide ribonucleotide transformylase in chicken liver. Young M, et al. **Biochemistry** 1984 Aug 14;23(17):3979–86

Raman study of reduced nicotinamide adenine dinucleotide bound to liver alcohol dehydrogenase. Yue KT, et al. **Biochemistry** 1984 Dec 18;23(26):6480–3

Glycerolipid synthetic capacity of rat liver peroxisomes. Ballas LM, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):297–300

In vivo induction of rat hepatic ornithine decarboxylase and plasminogen activator by 12–O–tetradecanoylphorbol 13–acetate. Buckley AR, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):127–30

Effect of glucose on induction of delta–aminolevulinic acid synthase, ferrochelatase and cytochrome P–450 hemoproteins in isolated rat hepatocytes by phenobarbital and lead. Cánepa ET, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):186–94

Properties of membrane–bound and solubilized forms of alkaline phosphatase from human liver. Chakrabartty A, et al. **Biochim Biophys Acta** 1985 Apr 17;839(2):174–80

Subcellular localization and partial characterization of insulin proteolytic activity in rat liver. Chowdhary BK, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):180–6

Production and characterization of a monoclonal antibody to dog hepatic lipase. Chuang MY, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):69–81

Multiple forms of arginyl– and lysyl–tRNA synthetases in rat liver: a re–evaluation. Cirakoğlu B, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):173–9

Interactions of aminoacyl–tRNA synthetases in high–molecular–weight multienzyme complexes from rat liver. Dang CV, et al. **Biochim Biophys Acta** 1985 Jul 1; 829(3):319–26

Induction of ornithine decarboxylase in the liver and spleen of mice by interleukin 1–like factors produced from a macrophage cell line. Endo Y, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):343–50

Effects of insulin, glucagon and dexamethasone on pyruvate kinase in cultured hepatocytes. Fleig WE, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):165–73

Diurnal variations of lipogenic enzymes, their substrate and effector levels, and lipogenesis from tritiated water in rat liver. Fukuda H, et al. **Biochim Biophys Acta** 1985 Jul 9; 835(2):163–8

Increased activities of liver cathepsins T and D in carbon tetrachloride–treated rats. Gohda E, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):362–71

Purification of liver glutamate dehydrogenase by affinity precipitation and studies on its denaturation. Graham LD, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):266–9

Starvation enhances lipoprotein lipase activity in the liver of the newborn rat. Grinberg DR, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):217–22

Leukotriene A4–hydrolase activity in guinea pig and human liver. Haeggström J, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):378–84

Action of clofibrate and its analogs in rats. Dissociation of hypolipidemic effects and the induction of peroxisomal beta–oxidation. Harrison EH. **Biochim Biophys Acta** 1984 Nov 14;796(2):163–8

Evidence that the cytosolic activity of 3–hydroxybutyrate dehydrogenase in chicken liver is L–3–hydroxyacid dehydrogenase. Herzberg GR, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):67–70

Effects of phosphorylation on the kinetic properties of rat liver ATP–citrate lyase. Houston B, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):233–9

Purification and crystallization of bovine liver phosphorylase. Hwang P, et al. **Biochim Biophys Acta** 1984 Dec 7; 791(2):252–8

Multiple phosphorylation of rat–liver glycogen synthase by protein kinases. Imazu M, et al. **Biochim Biophys Acta** 1984 Sep 25;789(3):285–93

Evidence for the existence of multiple forms of choline (ethanolamine) kinase in rat tissues. Ishidate K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):1–8

The purification and some properties of pig liver hyaluronidase. Joy MB, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):257–63

Stabilization of ornithine decarboxylase and N1–spermidine acetyltransferase in rat liver by methylglyoxal bis(guanylhydrazone). Karvonen E, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):239–43

Improved procedures for the synthesis of phosphomevalonate and for the assay and purification of pig liver phosphomevalonate kinase. Lee CS, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):83–9

A comparison of warfarin resistance and liver microsomal vitamin K epoxide reductase activity in rats. MacNicoll AD. **Biochim Biophys Acta** 1985 May 29;840(1):13–20

Casein kinases and their protein substrates in rat liver cytosol: evidence for their participation in multimolecular systems. Meggio F, et al. **Biochim Biophys Acta** 1985 Aug 30; 846(2):248–56

Separation of rat liver lysosome membrane adenosine triphosphatase activities by polyacrylamide gel electrophoresis. Mego JL. **Biochim Biophys Acta** 1984 Sep 27;766(3):592–6

Purification and structural comparisons of the cytosolic and mitochondrial isoenzymes of fumarase from pig liver. O'Hare MC, et al. **Biochim Biophys Acta** 1985 Feb 4; 827(2):127–34

Purification of quinolinic acid phosphoribosyltransferase from rat liver and brain. Okuno E, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):112–9

Purification and partial characterization of a methylglyoxal reductase from goat liver. Ray M, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):119–27

Oxidation of lactaldehyde by cytosolic aldehyde dehydrogenase and inhibition of cytosolic and mitochondrial aldehyde dehydrogenase by metabolites. Ray S, et al. **Biochim Biophys Acta** 1984 Nov 6; 802(1):128–34

The sulphatase of ox liver. XXV. Sulphatase A as a hysteretic enzyme. Roy AB. **Biochim Biophys Acta** 1985 Jan 21; 827(1):84–92

25–Hydroxylation of 1 alpha–hydroxyvitamin D–3 in rat and human liver. Saarem K, et al. **Biochim Biophys Acta** 1985 May 29;840(1):117–26

Regulation of liver lipase. II. Involvement of the alpha 1–receptor. Schoonderwoerd K, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):481–6

Stimulation of hepatic and renal diamine oxidase activity after acute ethanol administration. Sessa A, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):285–9

Generation of multiple forms of methionyl–tRNA synthetase from the multi–enzyme complex of mammalian aminoacyl–tRNA synthetases by endogenous proteolysis. Siddiqui FA, et al. **Biochim Biophys Acta** 1985 Apr 5; 828(2):177–87

A calmodulin–dependent protein kinase in Rous sarcoma virus–transformed rat cells and normal liver. Sorge LK, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):174–81

Evidence for the existence of isozymes of choline kinase and their selective induction in 3–methylcholanthrene– or carbon tetrachloride–treated rat liver. Tadokoro K, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):501–13

The specificity of biliverdin reductase. A study with different biliverdin types. Tomaro ML, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):350–6

Raman and infrared studies of homogeneous forms of acid phosphatase from rat liver. Twardowski J, et al. **Biochim Biophys Acta** 1984 Oct 9;790(1):70–7

Studies on the catalytic residues at the active site of human liver alpha–L–fucosidase. White WJ Jr, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):303–10

Alteration in the capacities as well as in the zonal and cellular distributions of pyruvate kinase L and M2 in regenerating rat liver. Chatzipanagiotou S, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):271–80

Amphiphilic cationic drugs and phospholipids influence the activities of beta–galactosidase and beta–glucosidase from liver lysosomal fraction of untreated rats. Harder A, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):189–93

Metabolic zonation in liver of diabetic rats. Zonal distribution of phosphoenolpyruvate carboxykinase, pyruvate kinase, glucose–6–phosphatase and succinate dehydrogenase. Miethke H, et al. **Biol Chem Hoppe Seyler** 1985 May; 366(5):493–501

Essential fatty acids interconversion in the human fetal liver. Chambaz J, et al. **Biol Neonate** 1985;47(3):136–40

Induction in utero of hepatic glucose–6–phosphatase by fetal hypoinsulinemia. Domenech M, et al. **Biol Neonate** 1985; 47(2):92–8

Distribution of thiol–protein disulfide oxidoreductase, insulin–glucagon proteinase and cathepsin D in different cell types of the rat liver. Ansorge S, et al. **Biomed Biochim Acta** 1984;43(11):1213–21

Inhibition of fructose–1,6–bisphosphatase from pig liver by fructose–6–phosphate. Frenzel J, et al. **Biomed Biochim Acta** 1984;43(10):1113–8

Fluorescence quenching of Trp–314 of liver alcohol dehydrogenase by oxygen. Hagaman KA, et al. **Biophys Chem** 1984 Oct;20(3):201–7

Partial purification and some properties of a 5'–nucleotidase from chicken liver with activity toward pyrimidine nucleoside monophosphates. Calvaruso G, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):335–41

Attempts to phenotype human liver samples in vitro for debrisoquine 4–hydroxylase activity. Boobis AR, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):721–9

Effect of intratracheal administration of DDT and endosulfan on cytochrome P–450 and glutathione–s–transferase in lung and liver of rats. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):55–62

delta–Aminolevulinic acid synthetase and heme oxygenase activity in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):24–8

Isolation, purification, and characterization of a peptide that contains the beta–ketoacyl reductase, enoyl reductase, and beta–hydroxyacyl dehydrase activities of the pigeon liver fatty acid synthetase. Puri RN, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):50–6

Changes in the cytoplasmic and nuclear activities of the ribonucleotide reductase holoenzyme and its subunits in regenerating liver cells in normal and thyroparathyroidectomized rats. Youdale T, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):914–9

The 3 beta–hydroxysteroid dehydrogenase activity of cultured porcine Leydig cells in primary culture. Bernier M, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1300–3

Effect of weaning on the activities of glycogen synthase and phosphorylase in rat liver. Khandelwal RL, et al. **Can J Physiol Pharmacol** 1985 Feb;63(2):143–7

The influence of extracellular calcium on the distribution of protein kinase C in non–neoplastic and neoplastic rat liver cells. Bossi D, et al. **Cancer Lett** 1985 Apr;26(3):303–10

Effect of phenobarbital on the gamma–glutamyltranspeptidase activity and the remodeling of nodules induced by the initiation–selection model. Herren–Freund SL, et al. **Cancer Lett** 1985 Jun; 27(2):153–61

The influence of partial hepatectomy on the biphasic response of gamma glutamyl transpeptidase to aflatoxin B1. Manson MM, et al. **Cancer Lett** 1984 Nov;25(1):81–7

Effect of potent antiglucocorticoids on dexamethasone induced enzymes in cultured hepatoma and rat liver cells. Santana MA, et al. **Cancer Lett** 1985 Jul;27(3):329–37

Sexual differences in the expression of gamma–glutamyl transpeptidase during 5,9–dimethyldibenzo[c,g]carbazole–induced hepatocarcinogenesis in mice. Valero D, et al. **Cancer Lett** 1985 Jun;27(2):181–97

Positive interactions between interferon and chemotherapy due to direct tumor action rather than effects on host drug–metabolizing enzymes. Baikwill FR, et al. **Cancer Res** 1984 Nov;44(11):5249–55

Increased 5–phospho–alpha–D–ribose–1–diphosphate synthetase (ribosephosphate pyrophosphokinase, EC 2.7.6.1) activity in rat hepatomas. Baló–Banga JM, et al. **Cancer Res** 1984 Nov;44(11):5004–9

Kinetics of glutathione transferase, glutathione transferase messenger RNA, and reduced nicotinamide adenine dinucleotide (phosphate):quinone reductase induction by 2(3)–tert–butyl–4–hydroxyanisole in mice. Benson AM, et al. **Cancer Res** 1984 Nov;44(11):5256–61

Inhibition of hepatic phosphoenolpyruvate carboxykinase by avian reticuloendotheliosis viruses. Garry RF, et al. **Cancer Res** 1985 Oct;45(10):5020–6

Depression of the hepatic cytochrome P–450 monooxygenase system by treatment of mice with the antineoplastic agent 5–azacytidine. Gooderham NJ, et al. **Cancer Res** 1985 Apr; 45(4):1569–72

Effects of a high–sucrose diet on the development of enzyme–altered foci in chemical hepatocarcinogenesis in rats. Hei TK, et al. **Cancer Res** 1985 Jun;45(6):2700–5

Metabolism of benzo(a)pyrene by subcellular fractions of rat liver: evidence for similar patterns of cytochrome P–450 in rough and smooth endoplasmic reticulum but not in nuclei and plasma membrane. Oesch F, et al. **Cancer Res** 1985 Oct;45(10):4838–43

A common biochemical pattern in preneoplastic hepatocyte nodules generated in four different models in the rat. Roomi MW, et al. **Cancer Res** 1985 Feb;45(2):564–71

Influence of dietary tryptophan on the induction of gamma-glutamyltranspeptidase-positive foci in the livers of rats treated with hepatocarcinogen. Sidransky H, et al. **Cancer Res** 1985 Oct;45(10):4844-7

Sex differences in indomethacin-sensitive 3 alpha-hydroxysteroid dehydrogenase of rat liver cytosol. Smithgall TE, et al. **Cancer Res** 1985 Oct;45(10):4946-9

Decreased NADH-oxidoreductase activities as an early response in rat liver to the carcinogen 2-acetylaminofluorene. Sun I, et al. **Cancer Res** 1985 Jan; 45(1):157-63

Clonal isolation of populations of gamma-glutamyl transpeptidase-positive and -negative cells from rat liver epithelial cells chemically transformed in vitro. Tsao MS, et al. **Cancer Res** 1985 Oct;45(10):5134-8

Histochemical characterization of focal hepatic lesions induced by single diethylnitrosamine treatment in infant mice. Vesselinovitch SD, et al. **Cancer Res** 1985 Jun; 45(6):2774-80

Substrate specificity of human liver cytochrome P-450 debrisoquine 4-hydroxylase probed using immunochemical inhibition and chemical modeling. Wolff T, et al. **Cancer Res** 1985 May;45(5):2116-22

Catalysis of the covalent binding of 3-hydroxyamino-1-methyl-5H-pyrido[4,3-b]indole to DNA by a L-proline- and adenosine triphosphate-dependent enzyme in rat hepatic cytosol. Yamazoe Y, et al. **Cancer Res** 1985 Jun;45(6):2495-500

Metabolism of nitrosamines by purified rabbit liver cytochrome P-450 isozymes. Yang CS, et al. **Cancer Res** 1985 Mar;45(3):1140-5

Metabolism of 2-acetylaminofluorene by eight different forms of cytochrome P-450 isolated from rat liver. Åström A, et al. **Carcinogenesis** 1985 Jan;6(1):113-20

Induction of gamma-glutamyl transpeptidase in primary cultures of normal rat hepatocytes by liver tumor promoters and structurally related compounds. Edwards AM, et al. **Carcinogenesis** 1985 May;6(5):733-9

O6-Alkylguanine DNA alkyltransferase activity in monkey, human and rat liver. Hall J, et al. **Carcinogenesis** 1985 Feb; 6(2):209-11

Gamma-glutamyl transpeptidase--its role in hepatocarcinogenesis. Hanigan MH, et al. **Carcinogenesis** 1985 Feb;6(2):165-72 (115 ref.)

Expression of tumor-associated aldehyde dehydrogenase during rat hepatocarcinogenesis using the resistant hepatocyte model. Jones DE Jr, et al. **Carcinogenesis** 1984 Dec;5(12):1679-87

The initiation of gamma-glutamyltranspeptidase positive foci in the rat liver by N-hydroxy-2-acetylaminofluorene. The effect of the sulfation inhibitor pentachlorophenol. Meerman JH. **Carcinogenesis** 1985 Jun;6(6):893-7

Interindividual variations in the activities of cytosolic and microsomal epoxide hydrolase in human liver. Mertes I, et al. **Carcinogenesis** 1985 Feb;6(2):219-23

Repair of O6-propylguanine and O6-butylguanine in DNA by O6-alkylguanine-DNA alkyltransferases from rat liver and E. coli. Morimoto K, et al. **Carcinogenesis** 1985 Jul, 6(7):1027-31

Effects of the hepatocarcinogenic peroxisome-proliferating hypolipidemic agents clofibrate and nafenopin on the rat liver cell membrane enzymes gamma-glutamyltranspeptidase and alkaline phosphatase and on the early stages of liver carcinogenesis. Numoto S, et al. **Carcinogenesis** 1984 Dec;5(12):1603-11

Indistinguishable physical and catalytic properties of DNA methyltransferase from normal rat liver and a transplantable rat hepatocellular carcinoma. Ruchirawat M, et al. **Carcinogenesis** 1985 Jun;6(6):877-82

DNA binding of N-hydroxy-Trp-P-2 and N-hydroxy-Glu-P-1 by acetyl-CoA dependent enzyme in mammalian liver cytosol. Shinohara A, et al. **Carcinogenesis** 1985 Feb;6(2):305-7

Effect of chronic phenobarbital administration on the gamma-glutamyl transpeptidase activity of hyperplastic liver lesions induced in rats by the Solt/Farber initiation: selection process of hepatocarcinogenesis. Sirica AE, et al. **Carcinogenesis** 1984 Dec;5(12):1737-40

Induction of a distinct nuclear poly(A) polymerase and the production of anti-tumor poly(A) polymerase antibodies in hepatocarcinogenesis. Stetler DA, et al. **Carcinogenesis** 1984 Oct;5(10):1363-6

Structural and immunological identity of rat hepatoma and fetal liver nuclear poly(A) polymerase. Stetler DA, et al. **Carcinogenesis** 1985 Feb;6(2):259-62

Human O6-alkylguanine-DNA alkyltransferase fails to repair O4-methylthymine and methyl phosphotriesters in DNA as efficiently as does the alkyltransferase from Escherichia coli. Yarosh DB, et al. **Carcinogenesis** 1985 Jul;6(7):949-53

Behaviour of tyrosine amino transferase and convertase during the first hours after hepatectomy in rats. Biondi R, et al. **Cell Biochem Funct** 1983 Jul;1(2):97-102

Membrane phosphatase activities in isolated and cultured adult rat hepatocytes. Palmero S, et al. **Cell Biol Int Rep** 1985 Jul;9(7):589-96

Immunohistochemical and biochemical studies on DNA ligase from a rat liver parenchymal cell line. Teraoka H, et al. **Cell Biol Int Rep** 1985 Apr;9(4):351-5

Circadian and seasonal rhythm of beta-glucuronidase in rat liver. Bhattacharya RD. **Cell Mol Biol** 1985;31(4):305-7

Pattern analysis of the heterogeneous distribution of succinate dehydrogenase in single rat hepatic lobules. Chikamori K, et al. **Cell Mol Biol** 1985;31(3):217-22

Short term regulation of hepatic 3-hydroxy-3-methylglutaryl-coenzyme A reductase during pregnancy and perinatal development in the rat. Leoni S, et al. **Cell Mol Biol** 1985;31(3):149-52

Purification and characterization of rat liver cytosol catalase. Sando T, et al. **Cell Struct Funct** 1984 Jun;9(2):125-33

Effects of 4-hydroxynonenal on adenylate cyclase and 5'-nucleotidase activities in rat liver plasma membranes. Paradisi L, et al. **Chem Biol Interact** 1985 Feb-Apr; 53(1-2):209-17

Purification and kinetic properties of guinea pig liver beta-mannosidase. Kyosaka S, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):256-63

Purification of chicken liver ribonucleases by affinity chromatography with UMP-Sepharose (nucleosides and nucleotides. LII). Miura K, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4054-60

Comparison of hepatic glutathione S-transferases of male and female rats. Miyaura S, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3134-40

An illustrative example of a synthetically useful enzyme: horse liver alcohol dehydrogenase. Jones JB. **Ciba Found Symp** 1985;111:3-21

Isolation and preliminary characterization of a monoclonal antibody that interacts preferentially with the liver isoenzyme of human alkaline phosphatase. Lawson GM, et al. **Clin Chem** 1985 Mar;31(3):381-5

Routine 'cardiac' and 'hepatic' serum enzyme profiles in cardiac-transplant patients treated with cyclosporine A: operative and post-operative findings. McKenzie FN, et al. **Clin Chem** 1985 Jun;31(6):822-5

Development of specific radioimmunoassays for the measurement of human hepatic basic and N/A2b glutathione S-transferases. Beckett GJ, et al. **Clin Chim Acta** 1984 Aug 31;141(2-3):267-73

Improved electrophoretic resolution of bone and liver alkaline phosphatases resulting from partial digestion with neuraminidase. Moss DW, et al. **Clin Chim Acta** 1984 Nov 15;143(2):177-82

Differential solubilization of rabbit liver plasma membrane gamma-glutamyltransferase by proteases and detergents: effect of phenobarbital treatment. Ratanasavanh D, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):127-32

Multiple forms of alkaline phosphatases in human liver tissue. Seiffert UB, et al. **Clin Chim Acta** 1984 Dec 15;144(1):17-27

Occurrence of cytotoxic autoantibody in rabbits by immunization with heterologous liver arginase: a possible implication in the mechanism of the autoimmune liver diseases. Mafune N, et al. **Clin Exp Immunol** 1985 Jan; 59(1):123-31

Activities of enzymes of ketone body metabolism in liver and muscle tissues of suckling rabbits. Beis A. **Comp Biochem Physiol [B]** 1985;81(1):245-9

Identification and development of a genetically closely-linked carboxylesterase family of the mouse liver. Berning W, et al. **Comp Biochem Physiol [B]** 1985; 80(4):859-65

On the loss of uricolytic activity during primate evolution--I. Silencing of urate oxidase in a hominoid ancestor. Friedman TB, et al. **Comp Biochem Physiol [B]** 1985;81(3):653-9

Effects of oestradiol, testosterone and medroxyprogesterone on subcellular fraction marker enzyme activities from rat liver and brain. García MV, et al. **Comp Biochem Physiol [B]** 1985;80(2):347-54

Hepatic cholesteryl ester metabolism in reptiles. A comparative study of three species of Brazilian lizards. Gillett MP, et al. **Comp Biochem Physiol [B]** 1984; 79(4):607-12

Properties and function of malate enzyme from Dicentrarchus labrax L. liver. Iniesta MG, et al. **Comp Biochem Physiol [B]** 1985;80(1):35-9

Evidence for existence of a cytosol 5'-nucleotidase in chicken heart: comparison of some properties of heart and liver enzymes. Itoh R, et al. **Comp Biochem Physiol [B]** 1985; 81(1):159-63

Lipogenic hepatic enzyme activity of raccoon dogs (Nyctereutes procyonoides) fed various diets. Korhonen H, et al. **Comp Biochem Physiol [B]** 1985;80(1):41-3

Isolation and characterization of a homogeneous acid phosphatase from catfish liver. Kubicz A, et al. **Comp Biochem Physiol [B]** 1985;81(1):177-83

Differences in the inhibitory effects of N-(1-n-dodecyl)-heterocycles on the 2,3-oxidosqualene lanosterol-cyclase of rat liver and yeast. Mercer EI, et al. **Comp Biochem Physiol [B]** 1985;80(2):341-6

Isoelectric focusing studies of aldehyde dehydrogenases from mouse tissues: variant phenotypes of liver, stomach and testis isozymes. Rout UK, et al. **Comp Biochem Physiol [B]** 1985;81(3):647-51

Purification and properties of pyruvate kinase from liver of the flounder (Platichthys flesus L.). Sand O. **Comp Biochem Physiol [B]** 1984;79(3):473-9

Tyrosine aminotransferase activity of frog (Rana esculenta) liver. III. A circannual study. Scapin S, et al. **Comp Biochem Physiol [B]** 1984;79(3):369-74

Mutual inhibitory effect of calpastatins on calpains from carp muscle, carp erythrocytes and rat liver. Toyohara H, et al. **Comp Biochem Physiol [B]** 1985;81(3):579-81

Characterization of ethoxyresorufin O-de-ethylase in grey seal Halichoerus grypus. Addison RF, et al. **Comp Biochem Physiol [C]** 1984;79(2):261-3

Hepatic aryl hydrocarbon hydroxylase activities in coho salmon (Oncorhynchus kisutch) exposed to petroleum hydrocarbons. Collodi P, et al. **Comp Biochem Physiol [C]** 1984;79(2):337-41

Age-development and inducibility of hepatic glutathione S-transferase activities in mice, rats, rabbits and guinea-pigs. Gregus Z, et al. **Comp Biochem Physiol [C]** 1985;80(1):85-90

Cardiac and hepatic acyl-CoA and acylcarnitine hydrolase activities in clofibrate-fed rabbits. Moore KH, et al. **Comp Biochem Physiol [C]** 1985;80(2):355-9

Acid proteolytic activities in mouse liver and muscle tissues after treatment with protease inhibitor leupeptin. Salminen A, et al. **Comp Biochem Physiol [C]** 1984;79(1):93-5

Mechanism and regulation of bovine liver fructose-1,6-bisphosphatase. Ganson NJ, et al. **Curr Top Cell Regul** 1984;24:197-207

Inactivation of rabbit liver and muscle aldolases by limited proteolysis by lysosomal cathepsin M. Horecker BL, et al. **Curr Top Cell Regul** 1985;25:77-89 (31 ref.)

Regulation of gluconeogenesis at phosphoenolpyruvate carboxykinase. Lardy H, et al. **Curr Top Cell Regul** 1984; 24:171-9

Perinatal development of cytochrome P-450, cytochrome C reductase, aryl hydrocarbon hydroxylase, styrene monooxygenase, and styrene epoxide hydrolase in rabbit liver microsomes and nuclei. Romano M, et al. **Dev Pharmacol Ther** 1985;8(4):232-42

Pyruvate kinase activity in isolated rat hepatocytes during a feeding cycle and during fasting. Azzout B, et al. **Diabete Metab** 1984 Sep;10(3):165-70

Age-related changes in hepatic glycogen metabolism in the genetically diabetic (db/db) mouse. Roesler WJ, et al. **Diabetes** 1985 Apr;34(4):395-402

Rat liver alkaline phosphatases. Evidence hepatocyte and portal triad enzymes differ. Hatoff DE, et al. **Dig Dis Sci** 1985 Jun;30(6):564-72

In vitro hepatic enzyme activity in rats exposed nose-only to cigarette smoke. Graziano MJ, et al. **Drug Chem Toxicol** 1984;7(5):489-506

Diurnal variations in the transferases and hydrolases involved in glucuronide and sulfate conjugation of rat liver. Bélanger PM, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):386-9

In vivo capacity of hepatic and extrahepatic enzymes to conjugate phenol. Cassidy MK, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):619-24

Regulation of hepatic monooxygenases by phenobarbital, 3-methylcholanthrene, and polychlorinated biphenyls in rapid and slow acetylator mice. Elves RG, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):354-8

In vitro inhibition studies of two isozymes of human liver cytochrome P-450. Mephenytoin p-hydroxylase and sparteine monooxygenase. Inaba T, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):443-8

Aging selectively alters glutathione S-transferase isozyme concentrations in liver and lung cytosol. Spearman ME, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):661-71

Dietary fat and 3-MC induction of hepatic nuclear and microsomal cytochrome P-450. Cheng KC, et al. **Drug Nutr Interact** 1981;1(1):63-74

Effects of dietary saturated or polyunsaturated fat on hepatic glutathione S-transferase activity. Norred WP, et al. **Drug Nutr Interact** 1984;3(1):11-20

Tissue-specific DNaseI hypersensitive sites in the 5'-flanking sequences of the tryptophan oxygenase and the tyrosine aminotransferase genes. Becker P, et al. **EMBO J** 1984 Sep; 3(9):2015-20

Intravenous thiobarbital anaesthesia for determination of liver glycogen phosphorylase activity in rats subjected to various forms of stress. Németh S, et al. **Endocrinol Exp (Bratisl)** 1985 Jun;19(2):91-5

Inhibition of hormonal activation of hepatic phosphorylase by chlorpropamide: evidence for an intracellular site of drug action. Blumenthal SA, et al. **Endocrinology** 1985 Feb; 116(2):660-4

Modulation (feminization) of hepatic enzymes by an ectopic pituitary tumor. Lamartiniere CA. **Endocrinology** 1985 Aug;117(2):523-6

Genetic regulation of hepatic steroid 16 alpha-hydroxylase activities in inbred strains of mice. Pasleau F, et al. **Endocrinology** 1984 Oct;115(4):1371-9

Multihormonal control of tyrosine aminotransferase activity in developing rat liver. Ruiz-Bravo N, et al. **Endocrinology** 1985 Jun;116(6):2489-96

Concentration-dependent inhibition of development of GGT positive foci in rat liver by the environmental contaminant di(2-ethylhexyl) phthalate. DeAngelo AB, et al. **Environ Health Perspect** 1985 May;60:381-5

Inducing potency of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells and mice by polychlorinated dibenzofuran congeners. Nagayama J, et al. **Environ Health Perspect** 1985 Feb;59:107-12

Physicochemical and immunochemical proofs of short-term insulin regulation of hepatic M2 pyruvate kinase. Gali P, et al. **Enzyme** 1985;33(1):49-56

Human hepatic beta-glucuronidase: an enzyme kinetic study. Ho YC, et al. **Enzyme** 1985;33(1):9-17

Lysosomal enzymes in plasma, liver and spleen from rats with carbon tetrachloride-induced liver cirrhosis. Melén K, et al. **Enzyme** 1985;33(2):84-8

Hepatic gamma-glutamyl transferase and hepatic fibrosis in patients with alcoholic liver disease. Yamauchi M, et al.

Enzyme 1984;32(2):110–5

Synergism between coenzyme and alcohol binding to liver alcohol dehydrogenase. Andersson P, et al. **Eur J Biochem** 1984 Oct 15;144(2):317–24

Intraparticulate localization and some properties of a clofibrate-induced peroxisomal aldehyde dehydrogenase from rat liver. Antonenkov VD, et al. **Eur J Biochem** 1985 May 15;149(1):159–67

The nature of the decreased activity of glycogen synthase phosphatase in the liver of the adrenalectomized starved rat. Bollen M, et al. **Eur J Biochem** 1984 Oct 1;144(1):57–63

Molecular cloning of hepatic 5-aminolevulinate synthase. Borthwick IA, et al. **Eur J Biochem** 1984 Oct 1;144(1):95–9

Human liver alcohol dehydrogenase. 2. The primary structure of the gamma 1 protein chain. Bühler R, et al. **Eur J Biochem** 1984 Dec 17;145(3):447–53

Leucyl-tRNA and lysyl-tRNA synthetases, derived from the high-Mr complex of sheep liver, are hydrophobic proteins. Cirakoglu B, et al. **Eur J Biochem** 1985 Aug 15; 151(1):101–10

Insulin-induced increases in the activity of the spontaneously active and ATP.Mg-dependent forms of phosphatase-1 in alloxan-diabetic rat liver. Dragland-Meserve CJ, et al. **Eur J Biochem** 1985 Feb 1;146(3):699–704

Human liver alcohol dehydrogenase. 1. The primary structure of the beta 1 beta 1 isoenzyme. Hempel J, et al. **Eur J Biochem** 1984 Dec 17;145(3):437–45

Effects of glucagon, dexamethasone and triiodothyronine on phosphoenolpyruvate carboxykinase (GTP) synthesis and mRNA level in rat liver cells. Iynedjian PB, et al. **Eur J Biochem** 1984 Dec 17;145(3):489–97

Activation of liver cytosol phosphoenolpyruvate carboxykinase by Ca2+ through intracellular redistribution of Mn2+. Karczmarewicz E, et al. **Eur J Biochem** 1985 Sep 16;151(3):561–5

Nuclear ADP-ribosyl transferase activity correlates with induction of P-450 monooxygenases by phenobarbital in rat liver microsomes. Lechner MC, et al. **Eur J Biochem** 1985 Sep 16;151(3):621–4

Subunit structure and autophosphorylation mechanism of casein kinase-TS (type-2) from rat liver cytosol. Meggio F, et al. **Eur J Biochem** 1984 Dec 17;145(3):593–9

Properties of cytosolic epoxide hydrolase purified from the liver of untreated and clofibrate-treated mice. Characterization of optimal assay conditions, substrate specificity and effects of modulators on the catalytic activity. Meijer J, et al. **Eur J Biochem** 1985 Jul 1; 150(1):7–16

Cloning and expression in Escherichia coli of cDNA for serine: pyruvate aminotransferase of rat liver. Oda T, et al. **Eur J Biochem** 1985 Aug 1;150(3):415–21

The protein phosphatases involved in cellular regulation. 1. Modulation of protein phosphatases-1 and 2A by histone H1, protamine, polylysine and heparin. Pelech S, et al. **Eur J Biochem** 1985 Apr 15;148(2):245–51

Electron microscopic studies on liver 5-aminolaevulinate synthase. Pirola BA, et al. **Eur J Biochem** 1984 Nov 2; 144(3):577–9

The amino-acid sequence of copper/zinc superoxide dismutase from swordfish liver. Comparison of copper/zinc superoxide dismutase sequences. Rocha HA, et al. **Eur J Biochem** 1984 Dec 17;145(3):477–84

Induction of cytochrome P-450b,e-type isozymes by polychlorinated biphenyls in rat liver. Molecular cloning of induced mRNAs. Scholte BJ, et al. **Eur J Biochem** 1985 Aug 15;151(1):67–73

Dexamethasone restores hormonal inducibility of ornithine decarboxylase in primary cultures of rat hepatocytes. Schulz WA, et al. **Eur J Biochem** 1985 Feb 1;146(3):549–53

On the regulation of cold-labile cytosolic and of mitochondrial acetyl-CoA hydrolase in rat liver. Söling HD, et al. **Eur J Biochem** 1985 Feb 15;147(1):111–7

Permissive action of thyroid hormones in the cAMP-mediated induction of phosphoenolpyruvate carboxykinase in hepatocytes in culture. Süssmuth W, et al. **Eur J Biochem** 1984 Sep 17;143(3):607–11

Characterization of an enzyme which catalyzes isomerization and epimerization of D-erythrose 4-phosphate. Terada T, et al. **Eur J Biochem** 1985 Apr 15;148(2):345–51

Alteration with dietary state of the activity and zonal distribution of adenylate cyclase stimulated by glucagon, fluoride and forskolin in microdissected rat liver tissue. Zierz S, et al. **Eur J Biochem** 1984 Dec 17;145(3):499–504

Presence of a transglutaminase activity in rat liver lysosomes. Juprelle-Soret M, et al. **Eur J Cell Biol** 1984 Jul;34(2):271–4

Drug influences on rat hepatic macrophage enzyme production and release in vitro. Tanner AR, et al. **Eur J Clin Invest** 1985 Jun;15(3):146–50

Bioavailability of hetacillin in rats after liver enzyme induction by various inducers with or without protein binding properties. Couvaris M, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan–Mar; 10(1):27–32

Atypical phenylketonuria with 'dihydrobiopterin synthetase' deficiency: absence of phosphate-eliminating enzyme activity demonstrated in liver. Niederwieser A, et al. **Eur J Pediatr** 1985 May;144(1):13–6

Effect of cGMP on RNA polymerase II activities in fetal calf liver nuclei and in purified enzyme preparations. Canas PE, et al. **Exp Biol** 1984;43(1):5–11

Localization of nucleoside triphosphatase activity to the inner nuclear envelope and associated heterochromatin. Clawson GA, et al. **Exp Cell Res** 1984 Nov;155(1):310–4

An isozyme-specific selective system for the recovery of mammalian cells deficient in hepatic alcohol dehydrogenase activity. Killary AM, et al. **Exp Cell Res** 1984 Oct; 154(2):442–53

Ploidy class-dependent variations during 24 h of glucose-6-phosphate and succinate dehydrogenase activity and single-stranded RNA content in isolated rat hepatocytes. Van Noorden CJ, et al. **Exp Cell Res** 1984 Dec;155(2):381–8

Effect of sex, ovariectomy and female sex hormones on neutral cholesterol ester hydrolase in rat liver. Gandarias JM, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):262–70

Inhibitory effect of 17-beta-estradiol on the activity of liver alanine aminotransferase in adult female rats. Németh S, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):242–4

Hepatic ornithine decarboxylase activity in the rat as influenced by retinyl acetate and ethanol or tryptophan. Sidransky H, et al. **Exp Mol Pathol** 1985 Aug;43(1):115–23

Glutathione-related enzyme activities in pregnant rat liver. Di Ilio C, et al. **Experientia** 1985 Jan 15;41(1):66–7

Hepatic acid hydrolases of albino rats, Mastomys natalensis and albino mice during Plasmodium berghei infection. Saxena JK, et al. **Experientia** 1985 Apr 15;41(4):472–4

Structural evidence for three different types of glutathione transferase in human tissues. Alin P, et al. **FEBS Lett** 1985 Mar 25;182(2):319–22

4-Hydroxyalk-2-enals are substrates for glutathione transferase. Alin P, et al. **FEBS Lett** 1985 Jan 7; 179(2):267–70

Differential susceptibility of human alcohol dehydrogenase isoenzymes to anions. Bühler R, et al. **FEBS Lett** 1984 Dec 10;178(2):249–52

Increase of alcohol dehydrogenase and protein content of liver following chronic ethanol administration. Buris L, et al. **FEBS Lett** 1985 Apr 8;183(1):143–4

Specific inhibition of human beta-D-glucuronidase and alpha-L-iduronidase by a trihydroxy pipecolic acid of plant origin. Cenci di Bello I, et al. **FEBS Lett** 1984 Oct 15;176(1):61–4

Lysosomal thyroid hormone 5'-deiodinase. Colquhoun EQ, et al. **FEBS Lett** 1984 Nov 19;177(2):221–6

Induction of drug metabolizing enzymes in human liver cell line Hep G2. Dawson JR, et al. **FEBS Lett** 1985 Apr 22; 183(2):219–22

Epidermal growth factor stimulated protein kinase shows similar activity in liver of senescent and adult mice. Finocchiaro L, et al. **FEBS Lett** 1985 Jul 22;187(1):96–100

Metabolism of the neurotoxin in MPTP by human liver monoamine oxidase B. Fritz RR, et al. **FEBS Lett** 1985 Jul 8;186(2):224–8

Phosphorylation of ribosomal protein S6 and a peptide analogue of S6 by a protease-activated kinase isolated from rat liver. Gabrielli B, et al. **FEBS Lett** 1984 Oct 1; 175(2):219–26

Phosphorylation of carnitine palmitoyltransferase and activation by glucagon in isolated rat hepatocytes. Harano Y, et al. **FEBS Lett** 1985 Sep 2;188(2):267–72

Hypophysectomy abolishes sexual dimorphism of liver carbonic anhydrase III. Jeffery S, et al. **FEBS Lett** 1984 Sep 17;175(1):129–30

Selective expression of glutathione transferase isoenzymes in chemically induced preneoplastic rat hepatocyte nodules. Jensson H, et al. **FEBS Lett** 1985 Jul 22;187(1):115–20

Subcellular localization and some properties of the enzymes hydrolysing inositol polyphosphates in rat liver. Joseph SK, et al. **FEBS Lett** 1985 Jan 28;180(2):150–4

Transformation of leukotriene A4 methyl ester to leukotriene C4 monomethyl ester by cytosolic rat glutathione transferases. Mannervik B, et al. **FEBS Lett** 1984 Oct 1; 175(2):289–93

Long-chain fatty acids and their acyl-CoA esters cause the translocation of phosphatidate phosphohydrolase from the cytosolic to the microsomal fraction of rat liver. Martin-Sanz P, et al. **FEBS Lett** 1984 Oct 1;175(2):284–8

Spermine promotes the translocation of phosphatidate phosphohydrolase from the cytosol to the microsomal fraction of rat liver and it enhances the effects of oleate in this respect. Martin-Sanz P, et al. **FEBS Lett** 1985 Jan 7;179(2):262–6

Effect of polyethylene glycol on the kinetic behaviour of pyruvate kinase and other potentially regulatory liver enzymes. Medina R, et al. **FEBS Lett** 1985 Jan 21; 180(1):77–80

Glutathione S-conjugates stimulate ATP hydrolysis in the plasma membrane fraction of rat hepatocytes. Nicotera P, et al. **FEBS Lett** 1985 Jul 22;187(1):121–5

Amino acid sequence of human liver cathepsin B. Ritonja A, et al. **FEBS Lett** 1985 Feb 11;181(1):169–72

Demonstration of chondroitin sulfates degrading endo-beta-glucuronidase activity in rabbit liver. Takagaki K, et al. **FEBS Lett** 1985 Feb 25;181(2):271–4

Very low density lipoprotein triglyceride kinetics during hepatic lipase suppression by estrogen. Studies on the physiological role of hepatic endothelial lipase. Tikkanen MJ, et al. **FEBS Lett** 1985 Feb 11;181(1):160–4

Regulation of a liver plasma membrane phosphoinositide phosphodiesterase by guanine nucleotides and calcium. Uhing RJ, et al. **FEBS Lett** 1985 Sep 2;188(2):317–20

Proteolysis of liver acetyl coenzyme A carboxylase by cathepsin B. Wada K, et al. **FEBS Lett** 1985 Jan 21; 180(1):74–6

Limited proteolysis of pig liver CoA synthase: evidence for subunit identity. Worrall DM, et al. **FEBS Lett** 1985 Aug 5;187(2):277–9

Fatty acid-mediated disaggregation of acetyl-CoA carboxylase in isolated liver cells. Clarke SD, et al. **Fed Proc** 1985 May;44(8):2458–62 (20 ref.)

Compartmentation of enzymes: ATP citrate lyase in hepatocytes from fed or fasted rats. Cornell NW, et al. **Fed Proc** 1985 May;44(8):2448–52

Nutritional control of branched chain alpha-ketoacid dehydrogenase in rat hepatocytes. Harris RA, et al. **Fed Proc** 1985 May;44(8):2463–8

The parasitizing effect of Balantidium coli (Malmsten) on the liver metabolism of Mesocricetus auratus (waterhouse). Humiczewska M, et al. **Folia Biol (Krakow)** 1984; 32(3):189–94

Changes in the histoenzymatic activity in maternal rat liver following oral cadmium administration before and during pregnancy. Steibert E, et al. **Folia Biol (Krakow)** 1984; 32(3):243–51

Effect of dietary indole-3-carbinol on intestinal and hepatic monooxygenase, glutathione S-transferase and epoxide hydrolase activities in the rat. Bradfield CA, et al. **Food Chem Toxicol** 1984 Dec;22(12):977–82

Xenobiotics in gametes of Lake Michigan lake trout (Salvelinus namaycush) induce hepatic monooxygenase activity in their offspring. Binder RL, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1042–54

Activation and inactivation of a variety of mutagenic compounds by the reconstituted system containing highly purified preparations of cytochrome P-450 from rat liver. Kawano S, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):487–98

The effects of selenium on the emergence of aflatoxin B1-induced enzyme-altered foci in rat liver. Milks MM, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):320–6

Interaction of trichloroethane isomers with cytochrome P-450 in the perfused rat liver. Takano T, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):353–60

Hepatic triglyceride lipase and lipoprotein lipase activities in post-heparin plasma of patients with various cancers. Masuno H, et al. **Gann** 1985 Mar;76(3):202–7

Sialidase of rat hepatomas: qualitative and quantitative comparison with rat liver sialidase. Miyagi T, et al. **Gann** 1984 Dec;75(12):1076–82

Different responses to phenobarbital promotion in the development of gamma-glutamyltranspeptidase-positive foci in the liver of rats initiated with diethylnitrosamine, N-hydroxy-2-acetyl-aminofluorene and aflatoxin B1. Shirai T, et al. **Gann** 1985 Jan;76(1):16–9

Promotive effect of primary and secondary bile acids on the induction of gamma-glutamyl transpeptidase-positive liver cell foci as a possible endogenous factor for hepatocarcinogenesis in rats. Tsuda H, et al. **Gann** 1984 Oct;75(10):871–5

Modifying potential of thirty-one chemicals on the short-term development of gamma-glutamyl transpeptidase-positive foci in diethylnitrosamine-initiated rat liver. Tsuda H, et al. **Gann** 1984 Oct;75(10):876–83

Localization of Na+,K+-ATPase on the hepatocyte plasma membrane [letter] Blitzer BL, et al. **Gastroenterology** 1984 Nov;87(5):1206–7

Dual mechanism of inhibition of rat liver uroporphyrinogen decarboxylase activity by ferrous iron: its potential role in the genesis of porphyria cutanea tarda. Mukerji SK, et al. **Gastroenterology** 1984 Dec;87(6):1248–54

Chronic ethanol consumption alters rat liver plasma membranes and potentiates release of alkaline phosphatase. Yamada S, et al. **Gastroenterology** 1985 Jun;88(6):1799–806

Influence of ethanol upon the introduction of tyrosine aminotransferase in liver, upon the NAD content in liver and brain, and upon the activity of glutamate oxalate aminotransferase and glutamate pyruvate aminotransferase in the serum of rats. Kröger H, et al. **Gen Pharmacol** 1985; 16(1):31–5

Effects of phenobarbital and p,p'-DDT on carboxylesterase activity and hydrolysis of propanidid in rat liver. Nousiainen U. **Gen Pharmacol** 1985;16(1):49–53

The effect of age on the circadian rhythms of 23 liver or brain enzymes from C57BL/6J mice. Feuers RJ, et al. **Gerontology** 1985;31(1):46–53

Liver plasma membrane: the source of high molecular weight alkaline phosphatase in human serum. De Broe ME, et al. **Hepatology** 1985 Jan–Feb;5(1):118–28

Hepatic clearance of rat liver aspartate aminotransferase isozymes: evidence for endocytotic uptake via different binding sites on sinusoidal liver cells. Horiuchi S, et al. **Hepatology** 1985 May–Jun;5(3):376–82

Hepatic (Na+,K+)-ATPase: a current view of its structure, function and localization in rat liver as revealed by studies with monoclonal antibodies. Leffert HL, et al. **Hepatology** 1985 May–Jun;5(3):501–7

The effect of chronic ethanol ingestion on ethanol metabolizing enzymes in isolated periportal and perivenous rat hepatocytes. Väänänen H, et al. **Hepatology** 1984 Sep–Oct;4(5):862–6

Partial purification of histaminase from guinea-pig liver by gel-filtration at high temperature. Kohro O, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):147–50

Quantitative aspects of the histochemical tetrazolium salt reaction on monoamine oxidase activity in rat liver. Frederiks WM, et al. **Histochem J** 1985 Jun;17(6):707–15

Histochemical and immunohistochemical localization of hexokinase isoenzymes in normal rat liver. Lawrence GM, et al. **Histochem J** 1984 Oct;16(10):1099-111

Automatic determination of labeling density in protein A-gold immunocytochemical preparations using an image analyzer. Application to peroxisomal enzymes. Beier K, et al. **Histochemistry** 1985;82(1):99-100

Microbiochemical investigation on diurnal rhythmic changes of the activities of the lactate dehydrogenase in the periportal and perivenous zones of the acinus of the rat liver. Hildebrand R, et al. **Histochemistry** 1984;81(5):477-83

Prevention of penetration hindrance in cerium-based glucose-6-phosphatase cytochemistry by freezing tissue in melting nitrogen. Kalicharan D, et al. **Histochemistry** 1985; 82(3):287-92

Specificity of cytochemical demonstration of adenylate cyclase in liver using adenylate-(beta, gamma-methylene) diphosphate as substrate. Mayer D, et al. **Histochemistry** 1985;82(2):135-40

Influence of starvation/refeeding transition on lipogenesis and NADPH producing systems in adipose tissue, mammary gland and liver at mid-lactation. Careche M, et al. **Horm Metab Res** 1985 May;17(5):226-9

Enzyme activities of hepatic glucose utilization in the fed and fasting genetically obese mouse at 4-5 months of age. Hron WT, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:32-6

The effect of adrenaline pretreatment on the in vitro generation of 3,5,3'-triiodothyronine and 3,3',5'-triiodothyronine (reverse T3) in rat liver preparation. Nauman A, et al. **Horm Metab Res** 1984 Sep; 16(9):471-4

Effects of hormones, fasting and diabetes on triglyceride lipase activities in rat heart and liver. Stam H, et al. **Horm Metab Res** 1984 Jun;16(6):293-7

Effect of calcitonin on fructose 1,6-diphosphatase activity in rat liver: role of cytosolic calcium concentration. Yamaguchi M, et al. **Horm Metab Res** 1984 Dec; 16(12):650-3

Induction of malic enzyme in explants of human adipose tissue by L-3,5,3'-triiodothyronine. Rao GS, et al. **Horm Metab Res [Suppl]** 1984;14:16-20

Does glutathione regulate thyroxine deiodinase activity in cells? Sato K, et al. **Horm Metab Res [Suppl]** 1984;14:30-5

Regional mapping of liver type 6 phosphofructokinase isoenzyme on chromosome 21. Chadefaux B, et al. **Hum Genet** 1984;68(2):136-7

Level of translatable messenger RNA coding for argininosuccinate synthetase in the liver of the patients with quantitative-type citrullinemia. Sase M, et al **Hum Genet** 1985;69(2):130-4

Acute effects of organotins on brain, liver and kidney in rats. Dwivedi RS, et al. **Ind Health** 1985;23(1):9-15

Threonine (serine) dehydratase in mouse liver as a function of age. Nath M, et al. **Indian J Biochem Biophys** 1984 Feb; 21(1):68-9

Induction of hepatic alkaline phosphatase by methylxanthines--influence of age and sex and the role of adrenals. Selvakumar D, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):191-4

Induction of hepatic alkaline phosphatase by antimicrotubular substances. Wilfred G. **Indian J Biochem Biophys** 1984 Jun; 21(3):186-90

Effect of cigarette smoke inhalation on certain pulmonary and hepatic drug metabolizing enzymes in rat and mouse. Khanduja KL, et al. **Indian J Exp Biol** 1985 Jan;23(1):51-4

Effect of intratracheally instilled benzo (a) pyrene on the pulmonary & hepatic protective enzymes in normal & vitamin A deficient rats. Dogra SC, et al. **Indian J Med Res** 1985 May;81:520-4

Fructose 1, 6 bisphosphatase activities in mouse liver as a function of age. Saxena SP, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):195-200

In vivo study of LDH isoenzyme activities in heart, liver and testis cytosols of gossypol-treated rats. Steiner M, et al. **Int J Androl** 1984 Dec;7(6):521-8

Effect of clofibrate treatment on aconitase activity in rat liver and other tissues. Antonenkov VD, et al. **Int J Biochem** 1985;17(6):741-4

Kinetics and thermodynamics of diacetyl reduction with NADPH by alpha-dicarbonyl reductase from pigeon liver. Bernardo A, et al. **Int J Biochem** 1985;17(2):265-9

Further purification and characterization of diacetyl reductase from pigeon liver. Bernardo A, et al. **Int J Biochem** 1984;16(10):1065-70

Glycosidases in normal and regenerating chicken liver, hepatoma Mc-29, Rous sarcoma, in turkey poult liver and hemocytoblastomes, provoked by the leukosis virus strain Mc-31. Chelibonova-Lorer H, et al. **Int J Biochem** 1985; 17(4):541-4

The subcellular distribution of fumarase isozymes in rat liver. Donnelly DF, et al. **Int J Biochem** 1985;17(2):279-82

Ca2+-dependent stimulation of muscle and liver phosphorylase kinase by heparin. Erdődi F, et al. **Int J Biochem** 1984;16(12):1391-4

Alterations in the activities of subcellular fractions marker enzymes in rat liver and brain by hydrocortisone and corticosterone treatment. Garcia MV, et al. **Int J Biochem** 1985;17(2):203-8

Studies on the diurnal rhythm of mevalonate metabolism by sterol and nonsterol pathways and of mevalonate-activating enzymes. Gonzalez-Pacanowska D, et al. **Int J Biochem** 1985;17(2):275-8

Effect of orchidectomy and testosterone substitution on enzyme activities and DNA content in rat liver and epididymal fat. Haug A, et al. **Int J Biochem** 1985; 17(1):31-6

Multiple forms of chicken liver and hepatoma Mc-29 microsomal and plasma-membrane sialyl and fucosyltransferases. Ivanov S, et al. **Int J Biochem** 1984; 16(12):1307-11

Activity changes of glucose-6-phosphate dehydrogenase in response to diet and insulin. Kastrouni E, et al. **Int J Biochem** 1984;16(12):1353-8

Inhibition of hepatic aldehyde dehydrogenase by carbon tetrachloride: an in vitro study. Kenel MF, et al. **Int J Biochem** 1985;17(5):605-10

Inhibition of equine S-adenohomocysteine hydrolase by 2'-deoxyadenosine. Magnuson NS, et al. **Int J Biochem** 1984;16(11):1163-5

Three forms of rat liver glucosamine 6-phosphate acetylase and the changes in their levels during development. Oikawa S, et al. **Int J Biochem** 1985;17(1):73-80

Lysosomal acid deoxyribonuclease from vervet monkey livers--II. Enzymic properties. Oosthuizen MM, et al. **Int J Biochem** 1984;16(12):1217-21

Lysosomal acid deoxyribonuclease from vervet monkey livers--I. Purification and physico-chemical characterization. Oosthuizen MM, et al. **Int J Biochem** 1984;16(12):1207-15

Diurnal variations in the activities of the glycogen metabolizing enzymes in mouse liver. Roesler WJ, et al. **Int J Biochem** 1985;17(1):81-5

Purification and molecular properties of a Class II alcohol dehydrogenase (ADH-C2) from horse liver. Seeley TL, et al. **Int J Biochem** 1984;16(10):1037-42

SAMP lyase and AMP deaminase activity in rat parenchymal and kupffer cells in hepatocarcinogenesis. Smith LD, et al. **Int J Biochem** 1984;16(9):985-90

Isolation and characterization of rat liver cytosolic aldehyde dehydrogenases induced by phenanthrene or benzo[a]pyrene. Törrönen R. **Int J Biochem** 1985; 17(1):101-6

NAD(P)H dehydrogenase from rabbit and rat liver: purification and some properties. Wallin R, et al. **Int J Biochem** 1984;16(11):1099-106

Lactate dehydrogenase in Mycobacterium leprae grown in armadillo liver. Wheeler PR, et al. **Int J Lepr** 1984 Sep; 52(3):371-6

The effect of some antibiotics on endogenous phospholipase activity in rat liver. Matsumoto J, et al. **J Antibiot (Tokyo)** 1984 Aug;37(8):910-6

Enantiospecificity of immobilized horse liver alcohol dehydrogenase. Görisch H, et al. **J Appl Biochem** 1984 Feb-Apr;6(1-2):103-6

Specific immobilization of an enzyme by monoclonal antibody: immobilization of guinea pig liver transglutaminase. Ikura K, et al. **J Appl Biochem** 1984 Aug; 6(4):222-31

Thallium replaces potassium in activation of the (Na+,K+)-ATPase of rat liver plasma membranes. Favari L, et al. **J Appl Toxicol** 1985 Feb;5(1):32-4

Adenosine triphosphatase activities in plasma liver membranes of rats treated with DDT and toxaphene. Mourelle M, et al. **J Appl Toxicol** 1985 Feb;5(1):39-41

Use of 13C nuclear magnetic resonance spectroscopy for the evaluation of hepatic drug-metabolizing enzyme activity in perfused mouse livers. Pass MA, et al. **J Biochem Biophys Methods** 1984 Dec;10(3-4):135-42

Intracellular distribution of fumarase in various animals. Akiba T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):189-95

Effect of free Mg2+ on liver phosphorylase kinase activity. Hashimoto E, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):299-303

Purification and some properties of rabbit liver cytosol thioltransferase. Hatakeyama M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):893-7

Rabbit liver alcohol dehydrogenase: purification and properties. Hoshino T, et al. **J Biochem (Tokyo)** 1985 Apr; 97(4):1163-72

Phosphatidate phosphatase in rat liver: the relationship between the activities with membrane-bound phosphatidate and aqueous dispersion of phosphatidate. Ide H, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):45-54

Characterization of lysosomal acid lipase purified from rabbit liver. Imanaka T, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1089-101

Rapid regulation of L-type pyruvate kinase mRNA by fructose in diabetic rat liver. Inoue H, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1457-62

Studies on the metabolism of unsaturated fatty acids. XV. Purification and properties of 2,4-dienoyl-CoA reductase from rat liver peroxisomes. Kimura C, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1463-9

Induction of rat hepatic alkaline phosphatase and its appearance in serum: electrophoretic characterization of liver-membranous and serum-soluble forms. Kominami T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):901-11

Aspartate aminotransferase isozymes from rabbit liver. Purification and properties. Kuramitsu S, et al. **J Biochem (Tokyo)** 1985 May;97(5):1337-45

A monoclonal antibody to rat liver ornithine decarboxylase. Matsufuji S, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1525-30

Solubilization and reconstitution of a lysosomal H+-pump. Moriyama Y, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):927-30

Utilizations of various uridine 5'-triphosphate analogues by DNA-dependent RNA polymerases I and II purified from liver nuclei of the cherry salmon (Oncorhynchus masou). Nakayama C, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1501-9

Ectoenzyme release from rat liver and kidney by phosphatidylinositol-specific phospholipase C. Taguchi R, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):911-21

Interaction with deoxycholate of rat liver peroxisomal and cytosolic catalase. Takei N, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):685-92

Structural studies on the carbohydrate moieties of rat liver cathepsins B and H. Taniguchi T, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):973-6

Induction of fructose 1,6-bisphosphatase and glucose 6-phosphatase by dibutyryl cyclic adenosine monophosphate in fetal mouse liver. Tashima Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):805-13

Effect of glucocorticoids on induction of fructose bisphosphatase and glucose-6-phosphatase in fetal mouse liver. Tashima Y, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1619-24

Purification and properties of beef liver aldehyde reductase catalyzing the reduction of D-erythrose 4-phosphate. Terada T, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):79-87

Differences between homogeneous spermidine synthases isolated from rat and pig liver. Yamanoha B, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1273-81

The activation of rat liver phenylalanine hydroxylase by limited proteolysis, lysolecithin, and tocopherol phosphate. Changes in conformation and catalytic properties. Abita JP, et al. **J Biol Chem** 1984 Dec 10;259(23):14560-6

Glucagon-stimulated phosphorylation of rat liver glycogen synthase in isolated hepatocytes. Akatsuka A, et al. **J Biol Chem** 1985 Mar 25;260(6):3239-42

The purification of rat liver arylhydroxamic acid N,O-acyltransferase. Allaben WT, et al. **J Biol Chem** 1984 Oct 10;259(19):12128-34

Acetyl coenzyme A: alpha-glucosaminide N-acetyltransferase. Evidence for a transmembrane acetylation mechanism. Bame KJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11293-9

The primary structure of human liver manganese superoxide dismutase. Barra D, et al. **J Biol Chem** 1984 Oct 25; 259(20):12595-601

Rat hepatic cytosolic phosphoenolpyruvate carboxykinase (GTP). Structures of the protein, messenger RNA, and gene. Beale EG, et al. **J Biol Chem** 1985 Sep 5; 260(19):10748-60

Forskolin-induced change of the size of adenylate cyclase. Bouhelal R, et al. **J Biol Chem** 1985 Sep 15;260(20):10901-4

GTPase activity of the stimulatory GTP-binding regulatory protein of adenylate cyclase, Gs. Accumulation and turnover of enzyme-nucleotide intermediates. Brandt DR, et al. **J Biol Chem** 1985 Jan 10;260(1):266-72

Purification and characterization of human lipoprotein lipase and hepatic triglyceride lipase. Reactivity with monoclonal antibodies to hepatic triglyceride lipase. Cheng CF, et al. **J Biol Chem** 1985 Sep 5;260(19):10720-7

Spectral differences between rhodanese catalytic intermediates unrelated to enzyme conformation. Chow SF, et al. **J Biol Chem** 1985 Aug 15;260(17):9593-7

Purification and characterization of the human liver cytochromes P-450 involved in debrisoquine 4-hydroxylation and phenacetin O-deethylation, two prototypes for genetic polymorphism in oxidative drug metabolism. Distlerath LM, et al. **J Biol Chem** 1985 Jul 25;260(15):9057-67

Functional size of rat hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase as determined by radiation inactivation. Edwards PA, et al. **J Biol Chem** 1985 Aug 25;260(18):10278-82

The separate estimation of cAMP intracellularly bound to the regulatory subunits of protein kinase I and II in glucagon-stimulated rat hepatocytes. Ekanger R, et al. **J Biol Chem** 1985 Mar 25;260(6):3393-401

Properties of purified carnitine acyltransferases of mouse liver peroxisomes. Farrell SO, et al. **J Biol Chem** 1984 Nov 10;259(21):13089-95

The effects of alpha-adrenergic stimulation on the regulation of the pyruvate dehydrogenase complex in the perfused rat liver. Fisher RA, et al. **J Biol Chem** 1985 Aug 5; 260(16):9223-9

Molecular cloning of a cDNA for human pyruvate carboxylase. Structural relationship to other biotin-containing carboxylases and regulation of mRNA content in differentiating preadipocytes. Freytag SO, et al. **J Biol Chem** 1984 Oct 25;259(20):12831-7

Nuclear magnetic resonance studies of fructose 2,6-bisphosphate and adenosine 5'-monophosphate interaction with bovine liver fructose-1,6-biphosphatase. Ganson NJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2837-43

Nutritional regulation of the synthesis and degradation of malic enzyme messenger RNA in duck liver. Goldman MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4404-8

S-Adenosylhomocysteinase from rat liver. Evidence for structurally identical and catalytically equivalent subunits. Gomi T, et al. **J Biol Chem** 1985 Mar 10;260(5):2789-93

The inactivation of ubiquitin accounts for the inability to demonstrate ATP, ubiquitin-dependent proteolysis in liver extracts. Haas AL, et al. **J Biol Chem** 1985 Apr 25;260(8):4694-703

A chromophoric and fluorescent analog of GTP, 2',3'-O-(2,4,6-trinitrocyclohexadienylidene)-GTP, as a spectroscopic probe for the GTP inhibitory site of liver glutamate dehydrogenase. Hiratsuka T. **J Biol Chem** 1985 Apr 25;260(8):4784-90

Molecular cloning of DNA sequences complementary to rat liver glucose-6-phosphate dehydrogenase mRNA. Nutritional regulation of mRNA levels. Kletzien RF, et al. **J Biol Chem** 1985 May 10;260(9):5621-4

Use of active site-directed inhibitors to study in situ degradation of glycoproteins by the perfused rat liver. Kuranda MJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1858-66

The rat liver plasma membrane high affinity (Ca2+-Mg2+)-ATPase is not a calcium pump. Comparison with ATP-dependent calcium transporter. Lin SH. **J Biol Chem** 1985 Sep 15;260(20):10976-80

Rat liver aldehyde dehydrogenase. I. Isolation and characterization of four high Km normal liver isozymes. Lindahl R, et al. **J Biol Chem** 1984 Oct 10;259(19):11986-90

Rat liver aldehyde dehydrogenase. II. Isolation and characterization of four inducible isozymes. Lindahl R, et al. **J Biol Chem** 1984 Oct 10;259(19):11991-6

The inhibitor of liver plasma membrane (Ca2+-Mg2+)-ATPase. Purification and identification as a mediator of glucagon action. Lotersztajn S, et al. **J Biol Chem** 1985 Aug 15;260(17):9692-8

Cloning and characterization of DNA complementary to rat liver UDP-glucuronosyltransferase mRNA. Mackenzie PI, et al. **J Biol Chem** 1984 Oct 10;259(19):12153-60

Differential effects of proteolysis and protein modification on the activities of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. El-Maghrabi MR, et al. **J Biol Chem** 1984 Nov 10;259(21):13096-103

Effect of sulfhydryl modification on the activities of rat liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. El-Maghrabi MR, et al. **J Biol Chem** 1984 Nov 10;259(21):13104-10

Preferential binding of steroids by anionic forms of rat glutathione S-transferase. Maruyama H, et al. **J Biol Chem** 1984 Oct 25;259(20):12449-55

Distinctions between the multiple cationic forms of rat liver glutathione S-transferase. Maruyama H, et al. **J Biol Chem** 1984 Oct 25;259(20):12444-8

Refined crystal structures of Escherichia coli and chicken liver dihydrofolate reductase containing bound trimethoprim. Matthews DA, et al. **J Biol Chem** 1985 Jan 10;260(1):381-91

Inhibition of diacylglycerol acyltransferase by 2-bromooctanoate in cultured rat hepatocytes. Mayorek N, et al. **J Biol Chem** 1985 Jun 10;260(11):6528-32

Synthetic peptides including acidic clusters as substrates and inhibitors of rat liver casein kinase TS (type-2). Meggio F, et al. **J Biol Chem** 1984 Dec 10;259(23):14576-9

Levels of ornithine aminotransferase messenger RNA under conditions of cyclic AMP induction in cultured hepatocytes. Merrill MJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11248-51

Insulin regulation of glycogen synthase phosphatase in primary cultures of hepatocytes. Miller TB Jr, et al. **J Biol Chem** 1984 Oct 25;259(20):12470-4

Purification and characterization of cytosolic sialidase from rat liver. Miyagi T, et al. **J Biol Chem** 1985 Jun 10;260(11):6710-6

The sexually differentiated delta 4-3-ketosteroid 5 beta-reductase of rat liver. Purification, characterization, and quantitation. Mode A, et al. **J Biol Chem** 1985 Jun 10;260(11):7137-41

Demonstration and partial characterization of glutathione disulfide-stimulated ATPase activity in the plasma membrane fraction from rat hepatocytes. Nicotera P, et al. **J Biol Chem** 1985 Feb 25;260(4):1999-2002

Glutamine metabolism of isolated rat hepatocytes. Evidence for catecholamine activation of alpha-ketoglutarate dehydrogenase. Ochs RS. **J Biol Chem** 1984 Nov 10;259(21):13004-10

Combined lipase deficiency (cld/cld) in mice. Demonstration that an inactive form of lipoprotein lipase is synthesized. Olivecrona T, et al. **J Biol Chem** 1985 Feb 25;260(4):2552-7

Phenobarbital induction of rat liver cytochromes P-450b and P-450e. Quantitation of specific RNAs by hybridization to synthetic oligodeoxyribonucleotide probes. Omiecinski CJ, et al. **J Biol Chem** 1985 Mar 25;260(6):3247-50

Phenylalanyl-tRNA synthetases from sheep liver and yeast. Correlation between net charge and binding to ribosomes. Pailliez JP, et al. **J Biol Chem** 1984 Dec 25;259(24):15491-6

Fe2+ and other divalent metal ions uncouple Ca2+ transport from (Ca2+-Mg2+)-ATPase in rat liver plasma membranes. Pecker F, et al. **J Biol Chem** 1985 Jan 25;260(2):731-5

Studies of the induction of spermidine/spermine N1-acetyltransferase using a specific antiserum. Persson L, et al. **J Biol Chem** 1984 Oct 25;259(20):12364-7

L-Threonine dehydrogenase from goat liver. Feedback inhibition by methylglyoxal. Ray M, et al. **J Biol Chem** 1985 May 25;260(10):5913-8

Preferential degradation of the oxidatively modified form of glutamine synthetase by intracellular mammalian proteases. Rivett AJ. **J Biol Chem** 1985 Jan 10;260(1):300-5

Immunologic identification of a glycogen synthase 93,000-dalton subunit from rat heart and liver. Rulfs J, et al. **J Biol Chem** 1985 Jan 25;260(2):1203-7

Use of a monoclonal antibody to quantify (Na+,K+)-ATPase activity and sites in normal and regenerating rat liver. Schenk DB, et al. **J Biol Chem** 1984 Dec 10;259(23):14941-51

Characterization of D-myo-inositol 1,4,5-trisphosphate phosphatase in rat liver plasma membranes. Seyfred MA, et al. **J Biol Chem** 1984 Nov 10;259(21):13204-8

Regulation of S-adenosylmethionine decarboxylase activity in rat liver and prostate. Shirahata A, et al. **J Biol Chem** 1985 Aug 15;260(17):9583-8

Purification and characterization of a nuclear protein kinase from rat liver and a hepatoma that is capable of activating poly(A) polymerase. Stetler DA, et al. **J Biol Chem** 1984 Dec 10;259(23):14481-5

Isolation and characterization of a rat liver enzyme with both cysteine conjugate beta-lyase and kynureninase activity. Stevens JL. **J Biol Chem** 1985 Jul 5;260(13):7945-50

Gene structure of a major form of phenobarbital-inducible cytochrome P-450 in rat liver. Suwa Y, et al. **J Biol Chem** 1985 Jul 5;260(13):7980-4

Mechanism of glucagon inhibition of liver acetyl-CoA carboxylase. Interrelationship of the effects of phosphorylation, polymer-protomer transition, and citrate on enzyme activity. Swenson TL, et al. **J Biol Chem** 1985 Mar 25;260(6):3791-7

In vivo phosphorylation of liver glycogen synthase. Isolation of the 32P-labeled enzyme and studies on the nature of the bound [32P]phosphates. Tan AW, et al. **J Biol Chem** 1985 Apr 25;260(8):4751-7

Purification and properties of rat liver globotriaosylceramide synthase, UDP-galactose:lactosylceramide alpha 1-4-galactosyltransferase. Taniguchi N, et al. **J Biol Chem** 1985 Apr 25;260(8):4908-13

Rat liver glutathione S-transferases. Construction of a cDNA clone complementary to a Yc mRNA and prediction of the complete amino acid sequence of a Yc subunit. Telakowski-Hopkins CA, et al. **J Biol Chem** 1985 May 10;260(9):5820-5

Studies on the reactivity of the essential sulfhydryl groups as a conformational probe for the fatty acid synthetase of chicken liver. Inactivation by 5,5'-dithiobis-(2-nitrobenzoic acid) and intersubunit cross-linking of the inactivated enzyme. Tian WX, et al. **J Biol Chem** 1985 Sep 15;260(20):11375-87

Nucleotide sequence of rat liver aldolase B messenger RNA. Tsutsumi K, et al. **J Biol Chem** 1984 Dec 10;259(23):14572-5

On the multiplicity of rat liver glutathione S-transferases. Tu CP, et al. **J Biol Chem** 1985 Aug 25;260(18):9961-4

Comparison of the complexed and free forms of rat liver arginyl-tRNA synthetase and origin of the free form. Vellekamp G, et al. **J Biol Chem** 1985 Aug 15;260(17):9843-7

C1-Tetrahydrofolate synthase from rabbit liver. Structural and kinetic properties of the enzyme and its two domains. Villar E, et al. **J Biol Chem** 1985 Feb 25;260(4):2245-52

Synthesis of diadenosine 5',5''' -P1,P4-tetraphosphate by lysyl-tRNA synthetase and a multienzyme complex of aminoacyl-tRNA synthetases from rat liver. Wahab SZ, et al. **J Biol Chem** 1985 May 10;260(9):5286-9

Guanosine 5'-O-thiotriphosphate stimulates phospholipase C activity in plasma membranes of rat hepatocytes. Wallace MA, et al. **J Biol Chem** 1985 Aug 15;260(17):9527-30

Hybridization studies of chicken liver fatty acid synthetase. Evidence for the participation in palmitate synthesis of cysteine and phosphopantetheine sulfhydryl groups on adjacent subunits. Wang YS, et al. **J Biol Chem** 1984 Nov 25;259(22):13644-7

Purification and characterization of guinea pig liver morphine 6-dehydrogenase. Yamano S, et al. **J Biol Chem** 1985 May 10;260(9):5259-64

Rat liver 6-phosphofructo 2-kinase/fructose 2,6-bisphosphatase: a review of relationships between the two activities of the enzyme. El-Maghrabi MR, et al. **J Cell Biochem** 1984;26(1):1-17 (52 ref.)

Liver tyrosine kinase activation during early stages of chemical hepatocarcinogenesis. Olson JW. **J Cell Biochem** 1985;27(2):175-80

Analytical study of microsomes and isolated subcellular membranes from rat liver. IX. Nicotinamide adenine dinucleotide glycohydrolase: a plasma membrane enzyme prominently found in Kupffer cells. Amar-Costesec A, et al. **J Cell Biol** 1985 Jan;100(1):189-97

Acyl-Coa oxidase and hydratase-dehydrogenase, two enzymes of the peroxisomal beta-oxidation system, are synthesized on free polysomes of clofibrate-treated rat liver. Rachubinski RA, et al. **J Cell Biol** 1984 Dec;99(6):2241-6

Quantitative immunoferritin localization of [Na+,K+]ATPase on canine hepatocyte cell surface. Takemura S, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1502-10

Preparative isolation of the polypeptide chains of human liver beta-N-acetylhexosaminidase A by fast protein liquid chromatography-ion-exchange chromatography. Beem EP, et al. **J Chromatogr** 1985 Apr 26;323(2):439-42

Purification of a uridine-specific acid nuclease from chicken liver by fast protein liquid chromatography. Ellis B, et al. **J Chromatogr** 1985 Jun 19;326:157-61

Rat liver 3-oxo-5 alpha-steroid delta 4-dehydrogenase. Modulation of enzyme activity by changes in phosphorylation state. Golf SW, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):705-9

Isolation of a beta-galactosidase from chicken liver. Javeri S, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):735-9

Rifampicin-induced adrenal crisis in addisonian patients receiving corticosteroid replacement therapy. Kyriazopoulou V, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1204-6

Sn-protoporphyrin rapidly and markedly enhances the heme saturation of hepatic tryptophan pyrrolase. Evidence that this synthetic metalloporphyrin increases the functional content of heme in the liver. Kappas A, et al. **J Clin Invest** 1985 Jan;75(1):302-5

Ultrastructural localization of cAMP-dependent protein kinase subunits in regenerating rat hepatocytes using immunogold electron microscopy. Squinto SP, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):65-73

Effect of a single injection of prolactin on the serum concentrations of thyroid hormones and corticosterone and liver monodeiodinase in the domestic fowl before and after hatching. Decuypere E, et al. **J Endocrinol** 1985 Mar;104(3):363-6

Alterations in hepatic protein kinase activity induced by triiodothyronine. DeGroot LJ, et al. **J Endocrinol Invest** 1984 Oct;7(5):429-39

Effect of seneciphylline and senecionine on hepatic drug metabolizing enzymes in rats. Kakrani HK, et al. **J Ethnopharmacol** 1984 Dec;12(3):271-8

Physical-chemical and biochemical differences in liver plasma membranes in aging F-344 rats. Nokubo M. **J Gerontol** 1985 Jul;40(4):409-14

A carbamylphosphate synthetase deficiency with no detectable immunoreactive enzyme and no translatable mRNA. Graf L, et al. **J Inherited Metab Dis** 1984;7(3):104-6

Immunochemical study of ornithine transcarbamylase deficiency. Kodama H, et al. **J Inherited Metab Dis** 1984;7(3):131-2

Kinetic properties of erythrocyte phosphofructokinase in patients with type VII glycogenosis from two families--close similarity to liver type phosphofructokinase. Shimizu T, et al. **J Inherited Metab Dis** 1984;7(3):107-11

2,2-dipyridyl binding to metal substituted horse liver alcohol dehydrogenase. Syvertsen C, et al. **J Inorg Biochem** 1984 Sep;22(1):43-53

Hepatic vitamin D 25-hydroxylase inhibition by cimetidine and isoniazid. Bengoa JM, et al. **J Lab Clin Med** 1984 Oct;104(4):546-52

Enzyme-linked immunosorbent assay for rat hepatic triglyceride lipase. Cisar LA, et al. **J Lipid Res** 1985 Mar;26(3):380-6

Lecithin:cholesterol acyltransferase and cholesteryl ester transfer activity from the isolated perfused rabbit liver. De Parscau L, et al. **J Lipid Res** 1984 Jul;25(7):721-8

Acute inhibition of hepatic lipase and increase in plasma lipoproteins after alcohol intake. Goldberg CS, et al. **J Lipid Res** 1984 Jul;25(7):714-20

Effect of ethanol administration on thiamine status and liver alcohol dehydrogenase activity in rats. Egoramaiphol S, et al. **J Med Assoc Thai** 1984 Sep;67(9):492-7

Inhibition of liver alcohol dehydrogenase and ethanol metabolism by 3-substituted thiolane 1-oxides. Chadha VK, et al. **J Med Chem** 1985 Jan;28(1):36-40

Influenza vaccine [letter] Caltabiano JA. **J Med Soc NJ** 1985 Jan;82(1):79

Calcium-activated neutral protease in the peripheral nerve, which requires microM order Ca2+, and its effect on the neurofilament triplet. Kamakura K, et al. **J Neurosci Res** 1985;13(3):391-403

Effects of diet and selected hormones on the activities of hepatic malic enzyme and glucose-6-phosphate dehydrogenase in infant, prematurely weaned rats. Back DW, et al. **J Nutr** 1985 May;115(5):625-32

Pyruvate carboxylase and phosphoenolpyruvate carboxykinase activity in developing rats: effect of manganese deficiency. Baly DL, et al. **J Nutr** 1985 Jul;115(7):872-9

Effects of dietary zinc deficiency on hepatic ornithine carbamoyltransferase and alcohol dehydrogenase activities in rats. Indo Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):268-73

Monoamine oxidase-A selective inhibition in human hypothalamus and liver in-vitro by amiflamine and its metabolites. Tipton KF, et al. **J Pharm Pharmacol** 1985 May;37(5):352-4

Inhibition of mucopolysaccharide sulfation using rabbit liver sulfotransferases. Foye WO, et al. **J Pharm Sci** 1985 Mar;74(3):355-8

Product inhibition of aminopyrine N-demethylation in isolated hepatocytes. Matsuyama K, et al. **J Pharmacobiodyn** 1985 Mar;8(3):193-8

Rat liver sulfotransferases: effects of gonadal hormones and other factors on enzyme activities. Watanabe HK, et al. **J Pharmacobiodyn** 1984 Sep;7(9):641-7

Inheritance of liver N-acetyltransferase activity in the rapid and slow acetylator inbred hamster. Hein DW, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):584-7

Selective inhibition by chloramphenicol of cytochrome P-450 isozymes in rat lung and liver involved in the hydroxylation of n-hexane. Näslund BM, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):16-22

Neonatal exposure to cadmium alters the responses of the hepatic monooxygenases to phenobarbital and to cadmium in adult male rats. Virgo BB, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):700–4

Sensitivity of pathway rate to activities of substrate-cycle enzymes: application to gluconeogenesis and glycolysis. Regen DM, et al. **J Theor Biol** 1984 Dec 21;111(4):635–58

The effect of hepatic mixed-function oxidase enzyme inducers on the development of tri-o-tolyl phosphate-induced delayed neurotoxicity. Calabrese LF Jr, et al. **J Toxicol Environ Health** 1984;14(2–3):145–51

Reversibility effects on renal and hepatic gluconeogenic enzymes in rats from chronic exposure of cadmium. Rajanna B, et al. **J Toxicol Environ Health** 1985; 15(3–4):521–9

In vitro effects of pyrethroids on rat brain and liver ATPase activities. Rao KS, et al. **J Toxicol Environ Health** 1984; 14(2–3):257–65

Enzyme activities in plasma, kidney, liver, and muscle of five avian species. Franson JC, et al. **J Wildl Dis** 1985 Jan; 21(1):33–9

Differences in activity of N2-guanine tRNA methyltransferase II among several inbred strains of mice. Dizik M, et al. **JNCI** 1985 Jan;74(1):223–8

Enhancement of hepatocarcinogenesis by sorbitan fatty acid ester, a liver pyruvate kinase activity-reducing substance. Yanagi S, et al. **JNCI** 1985 Aug;75(2):381–4

Decrease in L-type pyruvate kinase activity in rat liver by some promoters of hepatocarcinogenesis. Yanagi S, et al. **JNCI** 1984 Oct;73(4):887–94

Increased nucleoside triphosphatase activity of rat liver nuclear envelope is associated with hepatocarcinogen exposure. Clawson GA, et al. **Lab Invest** 1984 Dec; 51(6):682–9

Detection of phenylalanine hydroxylase messenger RNA in liver biopsy samples from patients with phenylketonuria [letter] DiLella AG, et al. **Lancet** 1985 Jan 19;1(8421):160–1

Degradation of the 34 amino acid gastrin by rat tissue homogenates. Movsas B, et al. **Life Sci** 1985 Jan 7; 36(1):89–95

Effect of hypoxic cell radiosensitizers on glutathione level and related enzyme activities in isolated rat hepatocytes. Noguchi K, et al. **Life Sci** 1985 Aug 19;37(7):625–33

In vivo inhibition of liver alcohol dehydrogenase by ethanol administration. Sharkawi M. **Life Sci** 1984 Dec 3; 35(23):2353–7

Metabolism of S-adenosylmethionine in rat hepatocytes: transfer of methyl group from S-adenosylmethionine by methyltransferase reactions. Tsukada K, et al. **Life Sci** 1985 Aug 19;37(7):665–72

Mode of death effect on rat liver iodothyronine 5' deiodinase activity: role of adenosine 3',5' monophosphate. Zenker N, et al. **Life Sci** 1984 Nov 26;35(22):2213–7

Effects of high fat diets on the activity of palmitoyl-CoA hydrolase in rat liver. Berge RK, et al. **Lipids** 1985 Jan; 20(1):49–52

Cholesteryl ester hydrolysis in rat liver cytosol. Modulation by female sex hormones. Gandarias JM, et al. **Lipids** 1984 Dec;19(12):916–22

Effect of type of diet and feeding status on modulation of hepatic HMG-CoA reductase in rats. Kelley MJ, et al. **Lipids** 1985 Jan;20(1):53–5

Purification of lysosomal cholesteryl ester hydrolase from rat liver by preparative isoelectric focusing. Klemets R, et al. **Lipids** 1984 Sep;19(9):692–8

Decrease in alkaline triglyceride lipase in primary cultured hepatocytes from mice with sarcoma 180. Masuno H, et al. **Lipids** 1985 Jul;20(7):399–403

A diurnal variation of hepatic acid cholesteryl ester hydrolase activity in the rat. Tanaka M, et al. **Lipids** 1985 Jan; 20(1):46–8

The diagnostic value of alpha 1-antitrypsin globules in liver cells as a morphological marker of alpha 1-antitrypsin deficiency. Clausen PP, et al. **Liver** 1984 Dec;4(6):353–9

Glutathione peroxidase and reductase activities in the aging mouse. Hazelton GA, et al. **Mech Ageing Dev** 1985 Jan; 29(1):71–81

Effects of age on glycogen synthase and phosphorylase activities in rat liver. Khandelwal RL, et al. **Mech Ageing Dev** 1984 Nov;28(1):13–22

On the ontogeny of aldolase isozymes and their interactions with cellular structure. Reid S, et al. **Mech Ageing Dev** 1985 May 31;30(3):299–317

Androgens reduce HDL2-cholesterol and increase hepatic triglyceride lipase activity. Kantor MA, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):462–5

Plasma lipoprotein abnormalities associated with acquired hepatic triglyceride lipase deficiency. Goldberg IJ, et al. **Metabolism** 1985 Sep;34(9):832–5

Relationship between lipogenesis, ketogenesis, and malonyl-CoA content in isolated hepatocytes from the obese Zucker rat adapted to a high-fat diet. Malewiak MI, et al. **Metabolism** 1985 Jul;34(7):604–11

The effects of dietary amino acids on hepatic L-asparagine synthetase. Markin RS, et al. **Metabolism** 1984 Oct; 33(10):891–6

Hepatic triglyceride lipase in diabetic dogs. Muller DL, et al. **Metabolism** 1985 Mar;34(3):251–4

Hepatic triglyceride lipase is not an insulin-dependent enzyme in rats. Murase T, et al. **Metabolism** 1985 Jun; 34(6):531–4

Enhanced phospholipase A2 activity in rat plasma, liver, and intestinal mucosa following endotoxin treatment: a possible explanation for the protective effect of indomethacin in endotoxic shock. Shakir KM, et al. **Metabolism** 1985 Feb; 34(2):176–82

Sequence of alcohol-induced initial changes in plasma lipoproteins (VLDL and HDL) and lipolytic enzymes in humans. Taskinen MR, et al. **Metabolism** 1985 Feb; 34(2):112–9

Prenyltransferase from human liver. Barnard GF. **Methods Enzymol** 1985;110:155–67

Mevalonate 5-pyrophosphate decarboxylase from chicken liver. Cardemil E, et al. **Methods Enzymol** 1985;110:86–92

Aminoacyl-tRNA: protein transferases. Deutch CE. **Methods Enzymol** 1984;106:198–205

Phosphomevalonate kinase from pig liver. Eyzaguirre J, et al. **Methods Enzymol** 1985;110:78–85

4-Hydroxybenzoate polyprenyltransferase from rat liver. Gupta A, et al. **Methods Enzymol** 1985;110:327–34

Epoxide hydrolases in the catabolism of sterols and isoprenoids. Hammock BD, et al. **Methods Enzymol** 1985; 111:303–11

UDP-N-acetylglucosamine: lysosomal enzyme N-acetylglucosamine-1-phosphotransferase. Reitman ML, et al. **Methods Enzymol** 1984;107:163–72

Selenocysteine-containing proteins and glutathione peroxidase. Tappel AL, et al. **Methods Enzymol** 1984; 107:602–19

Reappraisal of the barbiturate sleeping time in mice as predictive tool for the detection of liver enzymes inhibiting drugs. André P, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):695–9

Impairment of hepatic cytochrome P-450-dependent monooxygenases by the malaria parasite Plasmodium berghei. Alvares AP, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):277–82

Sequential alterations in the micro-localization of catalase in mouse liver after treatment with hypolipidemic drugs. Klucis E, et al. **Mol Cell Biochem** 1984 Nov;65(1):73–82

Effect of prolactin and glucocorticoids on P-enolpyruvate carboxykinase activity in liver and mammary gland from diabetic and lactating rats. Lobato MF, et al. **Mol Cell Biochem** 1985 May;67(1):19–23

Multiple forms of synthase D phosphatase and phosphorylase a phosphatase in liver and regulatory effects of metabolites on their activities. Newman JD, et al. **Mol Cell Biochem** 1985 Mar;66(2):151–62

Hormonal inhibition of adenylate cyclase. A crucial role for Mg2+. Bockaert J, et al. **Mol Pharmacol** 1984 Sep; 26(2):180–6

Isozyme selectivity of the inhibition of rat liver cytochromes P-450 by chloramphenicol in vivo. Halpert J, et al. **Mol Pharmacol** 1985 Sep;28(3):290–6

Dose response for induction of two cytochrome P-450 isozymes and their mRNAs by 3,4,5,3'4'5'-hexachlorobiphenyl indicating coordinate regulation in rat liver. Hardwick JP, et al. **Mol Pharmacol** 1985 Jun;27(6):676–82

Suicidal destruction of cytochrome P-450 and reduction of ferrochelatase activity by 3,5-diethoxycarbonyl-1,4-dihydro-2,4,6-trimethylpyridine and its analogues in chick embryo liver cells. Marks GS, et al. **Mol Pharmacol** 1985 Apr;27(4):459–65

Structural features of 4-amino antifolates required for substrate activity with mammalian folylpolyglutamate synthetase. Moran RG, et al. **Mol Pharmacol** 1985 Jan; 27(1):156–66

Sexual differentiation of cytochrome P-450 in rat liver. Evidence for a constitutive isozyme as the male-specific 16 alpha-hydroxylase. Morgan ET, et al. **Mol Pharmacol** 1985 Apr;27(4):471–9

Demonstration in multiple species of inducible hepatic cytochromes P-450 and their mRNAs related to the glucocorticoid-inducible cytochrome P-450 of the rat. Wrighton SA, et al. **Mol Pharmacol** 1985 Sep;28(3):312–21

Measurement of cytochrome P-450 dependent dealkylation of alkoxyphenoxazones in hepatic S9s and hepatocyte homogenates: effects of dicumarol. Lubet RA, et al. **Mutat Res** 1985 Mar;142(3):127–31

Psoralen pharmacology: studies on metabolism and enzyme induction. Bickers DR, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:77–84

Selective inhibition by amiflamine of monoamine oxidase type A in rat brain, liver and duodenum. Ask AL. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):56–63

The effect of imipramine and desipramine on mixed function oxidase in rats. Daniel W, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):83–6

Effects of short-term and prolonged aerogenic hypoxia on gamma-glutamyl transpeptidase activity in the brain, liver, and biological fluids of young rats. Stastny F, et al. **Neurochem Res** 1985 Jun;10(6):819–28

Adenylate kinase from rat liver: molecular properties and structural comparison with yeast enzyme. Watanabe K, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):63–72

The complete sequence of a full length cDNA for human liver glyceraldehyde-3-phosphate dehydrogenase: evidence for multiple mRNA species. Arcari P, et al. **Nucleic Acids Res** 1984 Dec 11;12(23):9179–89

Isolation and nucleotide sequence of a full-length cDNA coding for aldolase B from human liver. Paolella G, et al. **Nucleic Acids Res** 1984 Oct 11;12(19):7401–10

Molecular cloning and the nucleotide sequence of cDNA to mRNA for non-neuronal enolase (alpha alpha enolase) of rat brain and liver. Sakimura K, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4365–78

Characterization of hepatic monoacylglycerol acyltransferase from the suckling rat. **Nutr Rev** 1985 Mar;43(3):87–8 (6 ref.)

Cimetidine inhibits the hepatic hydroxylation of vitamin D. **Nutr Rev** 1985 Jun;43(6):184–5

A case of postpartum hemolytic uremic syndrome with severe elevations of liver enzymes. Sagawa N, et al. **Obstet Gynecol** 1985 May;65(5):761–4

Quantitative evaluation of the extent of hepatic enzyme changes in Reye syndrome compared with normal liver or with non-Reye liver disorders: objective criteria for animal models. Mitchell RA, et al. **Pediatr Res** 1985 Jan; 19(1):19–22

The activity of hepatic lipase and lipoprotein lipase in glycogen storage disease: evidence for a circulating inhibitor of postheparin lipolytic activity. Muller DP, et al. **Pediatr Res** 1984 Sep;18(9):881–5

Postheparin plasma lipases and carnitine in infants during parenteral nutrition. Rovamo L. **Pediatr Res** 1985 Mar; 19(3):292–7

Postheparin plasma lipoprotein and hepatic lipases in preterm neonates. Rovamo L, et al. **Pediatr Res** 1984 Nov; 18(11):1104–7

Effect of Epomediol on the ATPase and adenylate cyclase activities in plasmamembranes isolated from rat liver. Barrera G, et al. **Pharmacol Res Commun** 1984 Dec; 16(12):1133–40

Effects of multiple doxorubicin doses on mouse cardiac and hepatic catalase. D'Alessandro N, et al. **Pharmacol Res Commun** 1984 Feb;16(2):145–51

In vitro interaction of organic mercury compounds with soluble glutathione S-transferases from rat liver. Dierickx PJ. **Pharmacol Res Commun** 1985 May;17(5):489–500

In vitro interaction of dithiocarb with rat liver glutathione S-transferases. Dierickx PJ. **Pharmacol Res Commun** 1984 Feb;16(2):135–43

Influence of acute ethanol administration on hepatic glutathione peroxidase and glutathione transferase activities in the rat. Koçak-Toker N, et al. **Pharmacol Res Commun** 1985 Mar;17(3):233–9

Selectivity of cholestyramine treatment on hepatic mixed function oxidase activity. Bachmann K, et al. **Pharmacology** 1984;29(3):128–41

Pubertal gonadal hormones in modulating the testosterone dependency of hepatic aryl hydrocarbon hydroxylase in female rats. Pak RC, et al. **Pharmacology** 1984;29(3):121–7

Biphasic effect of pyrazolone derivatives on drug-metabolizing enzyme in rat liver. Bien E, et al. **Pharmazie** 1985 Jun;40(6):412–4

Quenching of tryptophan phosphorescence in alcohol dehydrogenase from horse liver and its temperature dependence. Barboy N, et al. **Photochem Photobiol** 1985 Jan;41(1):9–13

Binding of NADH to horse liver alcohol dehydrogenase: dependence on concentration of benzaldehyde and benzyl alcohol. Bignetti E. **Physiol Chem Phys Med NMR** 1984; 16(1):21–7

New enzymatic changes of L-cystathionine catalyzed by bovine tissue extracts. Costa M, et al. **Physiol Chem Phys Med NMR** 1985;17(1):107–11

Rapid modulation of rat hepatocyte HMG-CoA reductase activity by cyclic AMP or cyclic GMP. Henneberg R, et al. **Physiol Chem Phys Med NMR** 1985;17(1):35–40

Liver mRNA probes disclose two cytochrome P-450 genes duplicated in tandem with the complement C4 loci of the mouse H-2S region. Amor M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4453–7

In vivo modulation of rat liver 3-hydroxy-3-methylglutaryl-coenzyme A reductase, reductase kinase, and reductase kinase kinase by mevalonolactone. Beg ZH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7293–7

Cloning and sequencing of cDNA encoding the complete mouse liver alcohol dehydrogenase. Edenberg HJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2262–6

N-nitrosodialkylamines do not function as substrates for liver monoamine oxidase. Edmondson DE, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):682–3

The NADPH binding site on beef liver catalase. Fita I, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1604–8

Human placental alkaline phosphatase in liver and intestine. Garattini E, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6080–4

Transcriptional activation of the rat liver tyrosine aminotransferase gene by cAMP. Hashimoto S, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6637–41

Cloning and sequencing of liver cDNA coding for bovine protein C. Long GL, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5653–6

Identification of intracellular degradation intermediates of aldolase B by antiserum to the denatured enzyme. Reznick AZ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6114–8

Identification of cDNA clones encoding a precursor of rat liver cathepsin B. San Segundo B, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2320–4

Structural analysis of human adult and fetal alkaline phosphatases by cyanogen bromide peptide mapping. Vockley J, et al. **Proc Natl Acad Sci USA** 1984 Oct;

81(19):6120-3

Identification of an inducible form of cytochrome P-450 in human liver. Watkins PB, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6310-4

A 78-kilobase region of mouse chromosome 3 contains salivary and pancreatic amylase genes and a pseudogene. Wiebauer K, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5446-9

Identification of a nucleic acid helix-destabilizing protein from rat liver as lactate dehydrogenase-5. Williams KR, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5260-4

Effects of different dietary carbohydrates on hepatic enzymes of copper-deficient rats. Fields M, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):362-6

Biological activity of phenolic compounds. Hepatic cytochrome P-450, cytochrome b5, and NADPH cytochrome c reductase in chicks and rats fed phenolic monomers, polymers, and glycosides. Klasing SA, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):529-38

Effects of special lipid diets on the mixed function oxygenase enzyme system in the livers of mice. Spector A, et al. **Proc West Pharmacol Soc** 1984;27:495-9

Changes in erythrocyte and liver aldehyde dehydrogenase isozymes in alcoholics. Agarwal DP, et al. **Prog Clin Biol Res** 1985;174:113-27

Protein degradation in rat liver cells. Bohley P, et al. **Prog Clin Biol Res** 1985;180:447-55

Purification and characterization of human liver beta 1 beta 1, beta 2 beta 2 and beta Ind beta Ind alcohol dehydrogenase isoenzymes. Bosron WF, et al. **Prog Clin Biol Res** 1985;174:193-206

Calcium-dependent proteases from liver and heart. DeMartino GN, et al. **Prog Clin Biol Res** 1985;180:117-26

Kinetic and spectroscopic characterization of the sheep liver aldehyde dehydrogenase acyl-enzyme. Dunn MF, et al. **Prog Clin Biol Res** 1985;174:15-27

Native and carboxymethylated horse liver alcohol dehydrogenase: electrostatic fields and the Pauling strain-distortion hypothesis. Dunn MF, et al. **Prog Clin Biol Res** 1985;174:169-79

The liver alcohol dehydrogenase catalytic mechanism circa 1984. Dunn MF. **Prog Clin Biol Res** 1985;174:151-68 (45 ref.)

The proteolytic inactivation of ubiquitin by rabbit liver. Haas AL, et al. **Prog Clin Biol Res** 1985;180:207-9

Discrimination of multiforms of diacetyl reductase in hamster liver. Hara A, et al. **Prog Clin Biol Res** 1985;174:291-304

Further characterization of aldehyde dehydrogenase isozyme variant in Japanese. Harada S, et al. **Prog Clin Biol Res** 1985;174:129-35

Cathepsin L--a lysosomal cysteine proteinase. Kirschke H, et al. **Prog Clin Biol Res** 1985;180:61-9

The reaction of cytoplasmic aldehyde dehydrogenase with various thiol-modifying reagents. Kitson TM, et al. **Prog Clin Biol Res** 1985;174:43-56

Induction of cytoplasmic aldehyde dehydrogenases in rat tissues by carcinogenic and non-carcinogenic xenobiotics. Koivusalo M, et al. **Prog Clin Biol Res** 1985;174:101-12

Cathepsin J: a high molecular weight cysteine proteinase from human tissues. Liao JC, et al. **Prog Clin Biol Res** 1985;180:225-7

Ca2+-Mg2+-ATPase in rat hepatocyte plasma membranes: inhibition by vasopressin and purification of the enzyme. Lin SH, et al. **Prog Clin Biol Res** 1984;168:25-30

Recent studies of the regulation of aldehyde dehydrogenase activity during rat hepatocarcinogenesis. Lindahl R. **Prog Clin Biol Res** 1985;174:91-9

The interaction of catalytic metal ions and ionizing groups in equilibrium studies and in transient intermediates of metal-substituted alcohol dehydrogenases. Maret W, et al. **Prog Clin Biol Res** 1985;174:181-91

Properties of human liver cathepsin L. Mason RW, et al. **Prog Clin Biol Res** 1985;180:217-9

The indirect effect of Ca2+ on liver and kidney cytosol phosphoenolpyruvate carboxykinase activity. Matyaszczyk M, et al. **Prog Clin Biol Res** 1984;168:171-5

Aspects of the relationship between liver, kidney and bone alkaline phosphatases. Moss DW. **Prog Clin Biol Res** 1984; 166:79-86

A leupeptin inactivating enzyme from rat liver. Place GA, et al. **Prog Clin Biol Res** 1985;180:269-71

Proteolytic activity associated with membranes of rat liver lysosomes. Schneider DL. **Prog Clin Biol Res** 1985; 180:291-3

A novel trypsin-like endoprotease associated with plasma membranes of rat liver and related with the survival of hepatocytes in primary culture. Tanaka K, et al. **Prog Clin Biol Res** 1985;180:261-3

Immunohistochemical localisation of aldehyde and aldose reductase in human tissues. Wirth HP, et al. **Prog Clin Biol Res** 1985;174:231-9

A comparison of the leukotriene synthesizing ability of subfractions of rat liver glutathione S-transferases. Bach MK, et al. **Prostaglandins Leukotrienes Med** 1985 Jan; 17(1):125-36

Higher correlation of ethanol consumptior with brain than liver aldehyde dehydrogenase in three strains of rats. Socaransky SM, et al. **Psychopharmacology (Berlin)** 1984; 84(2):250-3

Radioprotective effect of 2-mercaptopropionylglycine (MPG) on the alkaline phosphatase activity in the liver of Swiss albino mice against gamma irradiation. Khan AS, et al. **Radiobiol Radiother (Berl)** 1984;25(4):579-83

In vitro binding of butyric acid and crotonic acid by the soluble glutathione S-transferases from rat liver. Dierickx PJ. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):471-4

Effect of steroidal sex hormones on the sex-related differences in the hepatic activities of gamma-glutamyltranspeptidase, glutathione S-transferase and glutathione peroxidase in rats. Igarashi T, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug; 45(2):225-32

Rapid, substrate-specific, and dose-dependent deactivation of liver cytosolic glutathione S-transferases in vivo by 1,1-dichloroethylene. Moslen MT, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan;47(1):59-72

The comparative potency of phenobarbital and five 1,3-propanediol dicarbamates for hepatic cytochrome P450 induction in rats. Segelman FH, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):467-70

The HELLP (haemolysis, elevated liver enzymes, low platelet count) syndrome in severe hypertensive crises of pregnancy--does it exist? Pillay M, et al. **S Afr Med J** 1985 Feb 16;67(7):246-8

Preferential recognition of DNA by dimeric RNA polymerase II. An electron microscopic study. Okai Y. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):27-33

Metabolic hydrolysis of isoniazid by subcellular fractions of rat liver. Sendo T, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):249-55

Hepatic dysfunction after open-heart surgery. Olsson R, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):217-22

Toluene coma and liver function [letter] Brugnone F, et al. **Scand J Work Environ Health** 1985 Feb;11(1):55

Effect of 5 alpha-dihydrocorticoids on enzymes of gluconeogenesis in rat liver. Golf SW, et al. **Steroids** 1984 Jan;43(1):85-91

Lack of cross-reactivity between human placental and rat liver glucocerebrosidases. Iijima K. **Tohoku J Exp Med** 1984 Sep;144(1):63-7

Changes in thyroidal function and liver UDPglucuronosyltransferase activity in rats following administration of a novel imidazole (SC-37211). Comer CP, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):427-36

Polychlorinated aromatic hydrocarbon lethality, mixed-function oxidase induction, and uroporphyrinogen decarboxylase inhibition in the chick embryo: dissociation of dose-response relationships. Rifkind AB, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):268-79

Effect of gossypol on liver metabolic enzymes in male rats. Ali SF, et al. **Toxicol Lett** 1984 Dec;23(3):299-306

Inhibitory effect of various organophosphorus esters on rat liver malathion carboxylesterase in vitro: role of mixed-function oxidases. Hasegawa L, et al. **Toxicol Lett** 1985 Aug;26(2-3):225-31

Oxidation of pesticides by purified cytochrome P-450 isozymes from mouse liver. Levi PE, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):221-8

Activities of hepatic epoxide hydrolase and glutathione S-transferase in rats under the influence of tetramethyl thiuramdisulfide, tetramethyl thiurammonosulfide or dimethyl dithiocarbamate. Schreiner E, et al. **Toxicol Lett** 1985 May;25(2):147-52

Inhibition of mouse liver alcohol dehydrogenase by methyl N-butyl ketone. Sharkawi M, et al. **Toxicol Lett** 1985 May; 25(2):185-9

The effect of buthionine sulfoximine, an inhibitor of glutathione synthesis, on hepatic drug metabolism in the male mouse. White RD, et al. **Toxicol Lett** 1984 Oct; 23(1):25-32

Serum and hepatic enzyme activity in rats treated with diethylnitrosamine. Giuliani ER, et al. **Toxicol Pathol** 1983; 11(1):23-7

Genetic and environmental regulation of aryl hydrocarbon hydroxylase in man: studies with liver, lung, placenta, and lymphocytes. Pelkonen O, et al. **Toxicol Pathol** 1984; 12(3):256-60

The effects of Penicillium roqueforti toxin on the activity of rat hepatic DNA polymerases. Lee YH, et al. **Toxicology** 1984 Oct;33(1):43-57

Inhalation of isopropanol: induction of activating and deactivating enzymes in rat kidney and liver. Increased microsomal metabolism of n-hexane. Zahlsen K, et al. **Toxicology** 1985 Jan;34(1):57-66

Primary biliary cirrhosis--phenotypic characterization of immunocompetent cells in peripheral blood and liver tissue. Karlsson-Parra A, et al. **Ups J Med Sci** 1984;89(3):254-65

Hepatic and testicular aldehyde dehydrogenase in tumor-bearing mice. Messiha FS. **Vet Hum Toxicol** 1984; 26 Suppl 2:11-3

Effect of separate and combined treatment with chlorpromazine and lithium on mouse liver alcohol and aldehyde dehydrogenase. Messiha FS. **Vet Hum Toxicol** 1984;26 Suppl 2:38-40

Purification and characterization of glutathione-S-transferase from liver cytosol of phenobarbital-treated rabbits. Gawai KR, et al. **Xenobiotica** 1984 Jul;14(7):605-7

Hepatic mixed-function oxidase activities of wild pigeons. Husain MM, et al. **Xenobiotica** 1984 Oct;14(10):761-6

Purification and properties of adenosine kinase from rat liver: separation from deoxyadenosine kinase activity. Drabikowska AK, et al. **Z Naturforsch [C]** 1985 Jan-Feb; 40(1-2):34-41

Comparison of different methods for the determination of phenylalanine hydroxylase activity in rat liver and Euglena gracilis. Fink RM, et al. **Z Naturforsch [C]** 1984 Jul-Aug; 39(7-8):728-33

Studies on the possible mechanism of inactivation of phenylalanine hydroxylase by destructive oxygen species. Fink RM, et al. **Z Naturforsch [C]** 1984 Jul-Aug; 39(7-8):734-7

[Effect of molybdenum on the activity of cytochrome P-450 and demethylase in the liver of rats] Lu SX. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):257-9 (Eng. Abstr.) **(Chi)**

[Activities of 2 plasma lipases and serum high density lipoprotein after heparin injection] Wu CZ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun; 12(2):144-6 **(Chi)**

[Effect of anti-arrhythmia agent, gallanilide, on hepatic drug metabolizing enzymes in rats] Li D, et al. **Yao Hsueh Hsueh Pao** 1984 Apr;19(4):300-2 (Eng. Abstr.) **(Chi)**

[Changes in the activity of liver enzymes and other parameters during the administration of sulfadimidine] Celeda L, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):179-81 (Eng. Abstr.) **(Cze)**

[Inhibition of liver aminotransferase with potential cytostatics] Dršata J, et al. **Cesk Farm** 1984 Nov;33(9):372-5 (Eng. Abstr.) **(Cze)**

[Characteristics of a case of hepatic fructose-1,6-diphosphatase deficiency] Largillière C, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):421-3 (Eng. Abstr.) **(Fre)**

[In vitro activation by dithiothreitol and thioredoxins of carbamyl phosphate synthetase-I in rat liver] Gautier C, et al. **C R Acad Sci [III]** 1984;299(20):849-52 (Eng. Abstr.) **(Fre)**

[Proteinase, glycosidase and phosphatase cytochemistry in the small intestine and liver: phylogeny and species differencies] Gossrau R. **Acta Histochem [Suppl] (Jena)** 1985;31:63-72 **(Ger)**

[Lipoproteins, post-heparin lipoprotein lipase and hepatic triglyceride lipase in patients with and without severe hyperlipemia caused by alcoholism] Breier C, et al. **Acta Med Austriaca** 1985;12(1):25-9 (Eng. Abstr.) **(Ger)**

[Method for the photometric determination of aldehyde oxidase activity] Kurth J, et al. **Biomed Biochim Acta** 1984; 43(11):1223-6 (Eng. Abstr.) **(Ger)**

[Regulation mechanisms of the endoplasmic cytochrome P-450 systems of the liver] Ruckpaul K, et al. **Biomed Biochim Acta** 1985;44(3):351-79 (110 ref.) (Eng. Abstr.) **(Ger)**

[Diagnostic and prognostic significance of massively increased serum glutamate dehydrogenase activity] Chemnitz G, et al. **Dtsch Med Wochenschr** 1984 Nov 23; 109(47):1789-93 (Eng. Abstr.) **(Ger)**

[Chronic exposure to solvents and liver enzymes. An occupational medicine field study] Triebig G, et al. **Fortschr Med** 1985 Mar 14;103(10):271-4 (Eng. Abstr.) **(Ger)**

[Histochemical and electrophoretic studies of lactate dehydrogenase (LDH/E.C. 1.1.1.27/) activity in the rat liver following the administration of Biseptol 480 (co-trimoxazole)] Królikowska-Prasał I, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):761-7 (Eng. Abstr.) **(Ger)**

[Quantification of the drug-metabolizing enzyme system in liver diseases: a comparison between antipyrine saliva clearance and the aminopyrine breath test] von Mandach U, et al. **Schweiz Med Wochenschr** 1985 May 11; 115(19):651-8 (Eng. Abstr.) **(Ger)**

[Hepatic glutamine-5-phosphoribosyl-1-pyrophosphate amidotransferase and glucocorticoids] Di Stefano A, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):671-5 (Eng. Abstr.) **(Ita)**

[Extrapancreatic action of glibenclamide. Reduction of the inhibitory effect of glucagon on hepatic pyruvate kinase] Belfiore F, et al. **Minerva Endocrinol** 1984 Apr-Jun; 9(2):257-60 (Eng. Abstr.) **(Ita)**

[Effect of alcohol on release of various enzymes from isolated rat liver cells] Sasaki E, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Dec;19(4):309-23 (Eng. Abstr.) **(Jpn)**

[Rat aldolase isozyme gene: structure and expression in the liver during both fetal development and chemical carcinogenesis] Tsutsumi K, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):616-21 (Eng. Abstr.) **(Jpn)**

[Enzyme activities in cultured fetal rat hepatocytes] Ideta N, et al. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):252-6 (Eng. Abstr.) **(Jpn)**

[Glucocorticoid effect on glucoregulatory enzymes of the septic rat liver] Ebata T, et al. **Masui** 1984 Dec; 33(12):1366-70 (Eng. Abstr.) **(Jpn)**

[Effects of carbohydrate intake on phenobarbital-, polychlorinated biphenyl- and 3-methylcholanthrene-induced enhancement of drug oxidation and conjugation in rat liver] Nakajima T, et al. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):779-86 (Eng. Abstr.) **(Jpn)**

[Correlation of postheparin hepatic triglyceride lipase activity to serum intermediate density lipoprotein and triiodothyroxine levels in patients on maintenance hemodialysis] Yukawa S, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):175-82 (Eng. Abstr.) **(Jpn)**

[The effects of o,p'-DDD on adrenal steroidogenesis and hepatic steroid metabolism] Ojima M, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):168-78 (Eng. Abstr.) **(Jpn)**

[Hormonal regulation of transcription of liver specific enzymes and cytosociology of hepatocytes] Nakamura T. **Seikagaku** 1984 Dec;56(12):1491-9 (43 ref.) **(Jpn)**

[Influence of Corynebacterium parvum, BCG, OK-432 and Lactobacillus casei on the hepatic drug-metabolizing systems and on the oxygen radical production by fixed macrophages in liver of BALB/c mouse] Hashimoto S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):356-61 (Eng. Abstr.) **(Jpn)**

[Effect of hematin injection on delta-aminolevulinic acid synthetase activity in the rat liver] Kostrzewska E, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):1-7 (Eng. Abstr.) **(Pol)**

[Effect of experimental hypothyroidism on N-acetyltransferase activity in the rat liver] Jendryczko A, et al. **Endokrynol Pol** 1984;35(4):235-8 (Eng. Abstr.) **(Pol)**

[Effect of low doses of lead and cadmium on glyoxalase I and glyoxalase II activities of the liver and brain of rats] Winter R, et al. **Med Pr** 1984;35(3):177-83 (Eng. Abstr.) **(Pol)**

[Effect of Balantidium coli (Malmsten) invasion on liver morphology and metabolism in Mesocricetus auratus (Waterhouse)] Humiczewska M, et al. **Wiad Parazytol** 1984; 30(5-6):575-83 (Eng. Abstr.) **(Pol)**

[Antitoxic properties of pantothenic acid derivatives, precursors of coenzyme A biosynthesis, with regard to kanamycin] Moiseenok AG, et al. **Antibiotiki** 1984 Nov; 29(11):851-5 (Eng. Abstr.) **(Rus)**

[Effect of ionol on oxygenase level in proliferating animal tissues] Kosaganova NIu, et al. **Biofizika** 1984 Sep-Oct; 29(5):868-72 (Eng. Abstr.) **(Rus)**

[Dehydrogenases of the pentose cycle in rat liver peroxisomes] Antonenkov VD, et al. **Biokhimiia** 1984 Jul; 49(7):1159-65 (Eng. Abstr.) **(Rus)**

[Detection of complexes in the rat liver which contain lactate dehydrogenase, using centrifugation in a medium with a dissolved enzyme] Kliachko OS, et al. **Biokhimiia** 1984 Oct; 49(10):1661-5 (Eng. Abstr.) **(Rus)**

[Effect of triiodothyronine and hydrocortisone on aldolase metabolism in the rat liver] Komov VP, et al. **Biokhimiia** 1984 Aug;49(8):1263-7 (Eng. Abstr.) **(Rus)**

[Effect of series E and F prostaglandins on the reaction of the pentosephosphate pathway of carbohydrate metabolism in isolated perfused rat organs] Kudriavtseva GV, et al. **Biokhimiia** 1984 Nov;49(11):1847-53 (Eng. Abstr.) **(Rus)**

[Factors reducing the superoxide dismutase activity of the liver of rats with Pliss lymphosarcoma] Simonian MA, et al. **Biokhimiia** 1985 May;50(5):768-73 (Eng. Abstr.) **(Rus)**

[Changes in enzyme activity as affected by ultrasound in different functional states of the liver] Chirkin AA, et al. **Biol Nauki** 1984;(9):21-4 (Eng. Abstr.) **(Rus)**

[Interaction of various dithio- and thiophosphates containing amino acid fragments with carboxylesterase from rat liver] Makhaeva GF, et al. **Bioorg Khim** 1983 Jul;9(7):920-5 (Eng. Abstr.) **(Rus)**

[Expression of gamma-glutamyl transpeptidase in the IAR 2 cell line cultured on a nonadhesive substrate] Anfimova ML, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):23-5 (Eng. Abstr.) **(Rus)**

[Inhibition of liver lysosomal cholesterol esterase activity in rats by dextran blue in vivo and in vitro] Dushkin MI, et al. **Biull Eksp Biol Med** 1985 May;99(5):573-5 (Eng. Abstr.) **(Rus)**

[Comparative study of zixoryn and phenobarbital as enzyme inducers of the liver mono-oxygenase system] Loginov AS, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):437-40 (Eng. Abstr.) **(Rus)**

[Space-time changes in isocitrate dehydrogenase activity in the rat liver] Markina VV. **Biull Eksp Biol Med** 1984 Oct; 98(10):431-4 (Eng. Abstr.) **(Rus)**

[Quantitative changes in liver dehydrogenase activity during temporary ischemia of the extremities and in the postischemic period] Mishnev OD, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):22-4 (Eng. Abstr.) **(Rus)**

[Nicotinamide coenzyme content in the normal and regenerating liver of rats] Pasos F, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):432-4 (Eng. Abstr.) **(Rus)**

[Liver and blood enzyme spectra of rats with model anthracosis based on feeding a diet with additional amounts of methionine and pyridoxine] Pichkhadze GM. **Biull Eksp Biol Med** 1985 Apr;99(4):430-1 (Eng. Abstr.) **(Rus)**

[Immunomorphological study of cytochrome P-450PB induction in the liver of rat embryos and pregnant females after phenobarbital administration] Popova NV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):366-8 (Eng. Abstr.) **(Rus)**

[Changes in the cytochrome P-450 content of the liver of congenic resistant mouse strains during chronic alcoholization] Shoshina SV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):685-7 (Eng. Abstr.) **(Rus)**

[Affinity modification of acetyl CoA carboxylase from the rat liver by alkylating ATP gamma-amide] Buneva VN, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1256-8 **(Rus)**

[Mechanism of the protective effect of modifiers of the liver enzyme systems metabolyzing xenobiotics in acute T-2 mycotoxicosis] Kravchenko LV, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1270-3 **(Rus)**

[Phospholipases of the nuclear structures of liver cells in white rats] Nikitin VN, et al. **Dokl Akad Nauk SSSR** 1985; 281(3):731-4 **(Rus)**

[Stable changes in the nuclear matrix activity and DNA structure of the liver in rats due to neonatal induction of gene expression] Salganik RI, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1237-41 **(Rus)**

[Quaternary structure of NAD-kinase of rabbit liver during fermentation reactions] Telepneva VI. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):224-8 **(Rus)**

[Histochemical appearance of gamma-glutamyltranspeptidase in the rat liver after transplacental exposure to diethylnitrosamine and postnatal administration of phenobarbital] Vinarchuk MP, et al. **Eksp Onkol** 1984;6(5):30-3 (Eng. Abstr.) **(Rus)**

[Effect of organotin compounds on lactate dehydrogenase isoenzyme content of the liver and blood serum of rats] Levitskaia VN, et al. **Gig Sanit** 1985 Jan;(1):91-2 **(Rus)**

[Dynamics of the liver enzyme profile of workers in the phosphorus industry and of patients with chronic phosphorus poisoning following the use of hyperbaric oxygenation] Beloskurskaia GI, et al. **Gig Tr Prof Zabol** 1984 Jul;(7):11-5 (Eng. Abstr.) **(Rus)**

[Effect of the antioxidant alpha-tocopherol acetate on organ-specific liver enzyme activity in acute myocardial infarct] Rysmendiev AZh, et al. **Kardiologiia** 1984 Nov; 24(11):108-11 **(Rus)**

[Lipogenesis in the liver of rats following flight on Cosmos-1129 biosatellite] Makho L, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):84-5 **(Rus)**

[Aminoacyl-tRNA-synthetases and their high molecular weight complexes in the regenerating rat liver] Iaremchuk AD, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1336-41 (Eng. Abstr.) **(Rus)**

[Aminoacyl-tRNA-synthetases and their high molecular weight complexes in experimental myocardial ischemia] Ivanov LL, et al. **Mol Biol (Mosk)** 1984 Sep-Oct; 18(5):1326-9 (Eng. Abstr.) **(Rus)**

[Purification of homogeneous gamma-cystathionase and study of its structure by circular dichroism] Lupu EI, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):67-74 (Eng. Abstr.) **(Rus)**

[Characteristic features of heat inactivation of leucyl-tRNA-synthetase from the rabbit liver in the presence of various tRNA conformers] Negrutskii BS, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1297-300 (Eng. Abstr.) **(Rus)**

[Relation of RNA-dependent DNA-polymerase from the rat liver with virus-like particles] Pyrinova GB, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):919-24 (Eng. Abstr.) **(Rus)**

[Luminescence study of the conformation behavior of alcohol dehydrogenase from horse liver during substrate binding] Vekshin NL. **Mol Biol (Mosk)** 1985 May-Jun;19(3):767-73 (Eng. Abstr.) **(Rus)**

[Changes in the RNA-dependent DNA-polymerase activity of retrovirus-like particles in the rat liver during postnatal ontogeny] Pyrinova GB, et al. **Ontogenez** 1984 Nov-Dec; 15(6):637-43 (Eng. Abstr.) **(Rus)**

[Lysosomal enzyme activity in the liver and kidneys of rats with severe mechanical trauma] Kobylianskii LN, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):53-8 (Eng. Abstr.) **(Rus)**

[Lysosome participation in the recovery processes in the liver following physical loading] Maianskaia NN, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):65-70 (Eng. Abstr.) **(Rus)**

[Effect of glucagon and hydrocortisone on aldolase turnover in the rat liver after total x-irradiation] Komov VP, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):221-4 (Eng. Abstr.) **(Rus)**

[Effect of insulin on the turnover of liver aldolase in irradiated rats] Komov VP, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):814-6 (Eng. Abstr.) **(Rus)**

[Possible effect of natural radioactivity on the induction of glucokinase synthesis in the liver of developing rats] Slozhenikina LV, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):227-30 (Eng. Abstr.) **(Rus)**

[Study of the kinetics of thermoinactivation of lysyl-tRNA-synthetase from the liver of x-irradiated rats] Verkhogliad IN, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):185-90 (Eng. Abstr.) **(Rus)**

[Effect of roentgen irradiation on the luminescent properties of rat liver lysyl-tRNA synthetase] Verkhogliad IN, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):748-52 (Eng. Abstr.) **(Rus)**

[Subcellular localization of glycogen-UDP-glucosyltransferase in the hepatocytes of intact and fasting rats] Lebkova NP. **Tsitologiia** 1985 Feb; 27(2):157-62 (Eng. Abstr.) **(Rus)**

[Citrate influence on acetyl-CoA-carboxylase activation and phosphorylation in chicken liver with lipogenesis inhibited by nicotinic acid.] Fomenko AI, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):31-6 (Eng. Abstr.) **(Rus)**

[Phytohemagglutinin—a modulator of activity of cytochrome P-450-dependent enzymes of hepatocyte and immunocyte membranes] Galkin BN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):13-7 (Eng. Abstr.) **(Rus)**

[Activity of nuclear RNA polymerases in the liver of rats of different ages after phenobarbital administration] Kaliman PA, et al. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):619-24 (Eng. Abstr.) **(Rus)**

[Structure, properties and regulation of acetyl-CoA-carboxylase activity] Khalmuradov AG, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):363-9 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of specific protein kinases during intensification of lipogenesis and treatment with nicotinic acid] Khustochka LN, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):41-7 (Eng. Abstr.) **(Rus)**

[Phosphorylation of acetyl-CoA-carboxylase in the chicken liver during intensification of lipogenesis and treatment with nicotinic acid] Khustochka LN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):17-21 (Eng. Abstr.) **(Rus)**

[Subcellular distribution and properties of aldehyde dehydrogenase in the rat liver] Konoplitskaia KL, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):624-8 (Eng. Abstr.) **(Rus)**

[Effect of SH-reagents on aldehyde dehydrogenase activity of the rat liver] Konoplitskaia KL, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):628-33 (Eng. Abstr.) **(Rus)**

[Effect of freezing-thawing on the adenylate cyclase activity of the rat liver] Koptelov VA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):75-7 (Eng. Abstr.) **(Rus)**

[Certain characteristics of the rat liver transketolase.] Kubyshin VL, et al. **Ukr Biokhim Zh** 1985 Mar-Apr; 57(2):37-41 (Eng. Abstr.) **(Rus)**

[Transketolase inhibitors based on disulfide derivatives of oxythiamine with branched hydrocarbon chains] Ostrovskii IuM, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):666-8 (Eng. Abstr.) **(Rus)**

[Properties and biosynthesis of acetyl-CoA-carboxylase from chicken liver with administration of nicotinic acid during stimulation of lipogenesis.] Pozharun SV, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):24-31 (Eng. Abstr.) **(Rus)**

[Changes in glucose-6-phosphatase and fructose-1,6-diphosphatase activity in the rat liver after electric stimulation of the hypothalamus] Roik VI. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):404-8 (Eng. Abstr.) **(Rus)**

[Histone-specific acetyltransferase from the rat liver nuclei] Tsudezevich BA, et al. **Ukr Biokhim Zh** 1985 Mar-Apr; 57(2):67-9 (Eng. Abstr.) **(Rus)**

[Isolation and purification of histone-specific acetyltransferases from the rat liver] Tsudzevich BA, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):515-9 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of lysyl-tRNA-synthetase from the rat liver] Verkhogliad IN, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):19-23 (Eng. Abstr.) **(Rus)**

[Effect of changes in atmospheric pressure on enzyme activity in the lymphocytes and organs of mice] Petrichuk SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):62-5 **(Rus)**

[Effect of hydrocortisone on gamma-glutamyl transferase activity of the rat liver and hepatoma] Gulieva FM, et al. **Vopr Med Khim** 1984;30(6):114-20 (Eng. Abstr.) **(Rus)**

[Various causes of decreased aldehyde dehydrogenase activity in the rat liver and blood in chronic alcoholic intoxication] Kershengol'ts BM, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):47-51 (Eng. Abstr.) **(Rus)**

[Comparison of the effect of homologous and heterologous albumin on the activity of lipoprotein lipase and liver triglyceride lipase in rabbit plasma] Klimov AN, et al. **Vopr Med Khim** 1985 May-Jun;31(3):93-9 (Eng. Abstr.) **(Rus)**

[Isolation and various properties of cholesterol esterase from swine liver] Kovaleva GG, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):130-4 (Eng. Abstr.) **(Rus)**

[In vivo activity of drug-metabolizing enzymes in various pathological conditions] Krakovskii ME, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):76-9 (Eng. Abstr.) **(Rus)**

[Androgen regulation of aldolase and phosphohexose isomerase in the liver and seminal vesicles of white rats] Nikulin AA. **Vopr Med Khim** 1985 Mar-Apr;31(2):51-5 (Eng. Abstr.) **(Rus)**

[Protective effect of alpha-tocopherol on the hydroxylating system in liver endoplasmic reticulum membranes against the damaging activity of hyperbaric oxygenation] Smirnov IuV, et al. **Vopr Med Khim** 1984;30(6):51-3 (Eng. Abstr.) **(Rus)**

[Electrophoretic evaluation of multiple molecular forms of enzymes and their ratios using alcohol dehydrogenase from mammalian liver cytosol as an example] Sudovtsov VE. **Vopr Med Khim** 1985 May-Jun;31(3):71-7 (Eng. Abstr.) **(Rus)**

[Effect of experimental hypercholesterolemia on the activity of various proteinases in the small-intestinal mucosa and liver in rats] Kosarev AV. **Vopr Pitan** 1984 Jul-Aug;

(4):51-4 **(Rus)**

[Effect of protein deficiency and antigenic stimulation on rat liver lysosomes] Volgarev MN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):42-4 (Eng. Abstr.) **(Rus)**

[Activity of the monooxygenase enzyme system in the liver of 'healthy' HBsAg carriers] Holomáň J, et al. **Bratisl Lek Listy** 1985 Jan;83(1):26-34 (Eng. Abstr.) **(Slo)**

[Inhibitory effect of progesterone on the stimulation of tryptophan pyrrolase and tyrosine aminotransferase by endogenous corticosteroids in the liver of female rats] Németh S, et al. **Bratisl Lek Listy** 1985 Jul;84(1):3-10 (Eng. Abstr.) **(Slo)**

[Biotransformation of oxyprothepine by the monoxygenase system in the liver of rats] Paulíková I, et al. **Cesk Farm** 1984 Nov;33(9):385-6 (Eng. Abstr.) **(Slo)**

[Effect of vitamin D2 on the serum concentration of various hepatic enzymes in rats] Cañada de Zunzunegui M, et al. **Acta Cient Venez** 1984;35(2):107-10 (Eng. Abstr.) **(Spa)**

[Concentration of serum and hepatic transaminases (GOT and (GPT) in rats. Influence of nialamide] Reche A, et al. **Rev Clin Esp** 1984 Oct 15;175(1):37-9 (Eng. Abstr.) **(Spa)**

[Dubin-Johnson syndrome. Enzyme histochemical study of the liver] Ninci CM, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1982;40(3-4):45-53 (Eng. Abstr.) **(Spa)**

GROWTH & DEVELOPMENT

Development of morphologic heterogeneity of hepatocyte mitochondria in the mouse. Kanamura S, et al. **Anat Rec** 1984 Oct;210(2):315-25

Induction of phosphoenolpyruvate carboxykinase by hydrocortisone in rat liver and brain as a function of age. Sharma R, et al. **Biochem Int** 1983 Oct;7(4):535-40

A decrease in the capacity of hepatocytes isolated from aged male BN/BiRij rats to metabolize digitoxin. van Bezooijen CF, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3709-11

Developmental changes in molecular species of phosphatidic acid in rat lung and liver during the perinatal stage. Kato H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):262-8

Activities of the enzymes of ketone body metabolism in the developing chick. Beis A. **Comp Biochem Physiol [B]** 1985; 81(3):671-5

Synthesis of chain elongated-desaturated fatty acids from palmitic acid by liver and brain microsomes during the development of the pig. Clandinin MT, et al. **Comp Biochem Physiol [B]** 1985;81(1):53-4

Comparison of glycogen stores in 3- and 7-month-old lean and obese Zucker rats under fed and fasted conditions. Koubi H, et al. **Comp Biochem Physiol [B]** 1985; 81(1):103-10

Developmental changes in rat liver alcohol dehydrogenase. Lad PJ, et al. **Dev Biol** 1984 Oct;105(2):526-9

Hepatic microsomal calcium uptake during the perinatal period. Cambon-Gros C, et al. **Dev Pharmacol Ther** 1984; 7 Suppl 1:38-41

Postnatal development of hepatic bile formation in the rabbit. Shaffer EA, et al. **Dig Dis Sci** 1985 Jun;30(6):558-63

Isolation and immunohistochemical characterization of two developmentally regulated highly insoluble antigens from the membrane of sinusoidal rat liver cells. Zanetta JP, et al. **Exp Cell Res** 1984 Dec;155(2):371-80

Ketone body metabolism during development. Williamson DH. **Fed Proc** 1985 Apr;44(7):2342-6 (30 ref.)

Metabolism of uridine and determination of liver ribonucleic acid synthesis in developing and adult mice. Engelbrecht C, et al. **Int J Biochem** 1985;17(4):495-501

Restriction endonuclease accessibility of the developmentally regulated goat gamma-, beta C-, and beta A-globin genes in chromatin. Differences in 5' regions which show unusually high sequence homology. Liberator PA, et al. **J Biol Chem** 1984 Dec 25;259(24):15497-501

Effect of protein diet on age-dependent methylation of liver nuclear components of mice administered N-nitrosodimethylamine. Klaude M, et al. **JNCI** 1984 Oct; 73(4):909-13

Fatty acid and squalene compositions of Mediterranean Centrophorus SPP egg and liver oils in relation to age. Peyronel D, et al. **Lipids** 1984 Sep;19(9):643-8

The content and size distribution of membrane-bound and free polyribosomes in mouse liver during aging. Makrides SC, et al. **Mech Ageing Dev** 1984 Sep;27(1):111-34

Age-dependent changes of nuclear envelope protein phosphokinase and protein phosphatase activities. Significance for altered nucleo-cytoplasmic mRNA translocation during development. Schröder HC, et al. **Mech Ageing Dev** 1984 Sep;27(1):87-95

Physiological casein and gluten protein requirements of growing rats. Dibák O, et al. **Physiol Bohemoslov** 1984; 33(4):320-35

Role of thyroxine in the postnatal development of rat hepatic tryptophan oxygenase and ornithine aminotransferase. Vandewater LJ, et al. **Proc Soc Exp Biol Med** 1985 May; 179(1):83-9

Differential control of U1 small nuclear RNA expression during mouse development. Lund E, et al. **Science** 1985 Sep 20;229(4719):1271-4

[Effect of an Opisthorchis infestation on implantation growth of the liver epithelium] Ginovker AG, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):99-102 (Eng. Abstr.) **(Rus)**

[Biological activity of chalone-like proteoglycans during ontogeny] Ronichevskaia GM, et al. **Ontogenez** 1984 Sep-Oct;15(5):529-34 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Hepatocyte hepatitis B surface antigen. Diagnostic evaluation of patients with clinically acute hepatitis B surface antigen-positive hepatitis. Su IJ, et al. **Arch Pathol Lab Med** 1985 May;109(5):400-2

Lack of evidence for liver lectins functioning as IgM or IgG-Fc-receptors. Tsagurnis J, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1002-9

Monoclonal antibodies to a phosphoprotein from chromatin of rat liver. Halikowski MJ, et al. **Biochem J** 1985 Jan 15; 225(2):357-63

Cell-mediated cytotoxicity to autologous hepatocytes in HBsAg positive liver disease: an analysis of the killing specificity and of the clinical use of the test. Actis GC, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):19-29

Studies on the liver sequestration of lymphocytes bearing membrane-associated galactose-terminal glycoconjugates: reversal with agents that effectively compete for the asialoglycoprotein receptor. Samlowski WE, et al. **Cell Immunol** 1984 Oct 15;88(2):309-22

Effect of beta-lactam antibiotics at subinhibitory concentrations on the phagocytosis of Staphylococcus aureus by the perfused rat liver. Andreana A, et al. **Chemioterapia** 1985 Jun;4(3):265-8

Autoantibody to liver-specific lipoprotein in the mouse: regulation by naturally occurring autoantigen specific suppressor cells. Bartholomaeus WN, et al. **Clin Exp Immunol** 1984 Nov;58(2):307-16

Immunohistochemical localization of human liver specific protein using rabbit antisera and the avidin-biotin complex technique. Helin H, et al. **Clin Exp Immunol** 1985 Feb; 59(2):371-6

A monoclonal antibody to a rat hepato-renal membrane antigen. Tamakoshi K, et al. **Clin Exp Immunol** 1985 May; 60(2):373-80

Liver-specific autoantibodies in chronic hepatitis B virus infection. Meliconi R, et al. **Clin Sci** 1985 Feb;68(2):123-6

Immunocytochemical localization of class I H-2 histocompatibility antigens of mouse liver. Croze EM, et al. **Eur J Cell Biol** 1984 Sep;35(1):90-8

Immunofluorescence detection of liver cell membrane autoantibodies using PLC/PRF/5 cells. de Koning RW, et al. **Eur J Clin Invest** 1985 Apr;15(2):64-8

Plasmodium berghei: ectopic antibody synthesis in splenectomized rodents. Weiss ML. **Exp Parasitol** 1985 Feb;59(1):108-17

Protection of liver cells from experimentally induced liver cell injury by glycyrrhizin. Mizoguchi Y, et al. **Gastroenterol Jpn** 1985 Apr;20(2):99-103

Detection and clinical significance of acetone-insoluble liver cell membrane antigen in sera of patients with chronic active liver diseases. Tsuji T, et al. **Gastroenterol Jpn** 1985 Feb;20(1):37-47

Cellular immune response in liver of patients with chronic hepatitis B. Electron microscopic observation of lymphocyte subsets by the immunoperoxidase method using monoclonal antibodies. Yamada G, et al. **Gastroenterol Jpn** 1984 Dec;19(6):517-28

Secretory component: the polymeric immunoglobulin receptor. What's in it for the gastroenterologist and hepatologist? Ahnen DJ, et al. **Gastroenterology** 1985 Sep; 89(3):667-82 (163 ref.)

Organ specificity of LSP [letter] Poralla T, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):219

Lymphocyte cytotoxicity to autologous hepatocytes in alpha 1-antitrypsin deficiency. Mondelli M, et al. **Gut** 1984 Oct; 25(10):1044-9

Analysis of the antigenic composition of liver specific lipoprotein using murine monoclonal antibodies. Wiedmann KH, et al. **Gut** 1985 May;26(5):510-7

Drug-induced hepatitis associated with anticytoplasmic organelle autoantibodies. Homberg JC, et al. **Hepatology** 1985 Sep-Oct;5(5):722-7

Cell-mediated cytotoxicity of sensitized spleen cells against target liver cells--in vivo and in vitro study with a mouse model of experimental autoimmune hepatitis. Mori T, et al. **Hepatology** 1985 Sep-Oct;5(5):770-7

Diagnostic value of different antiliver/kidney microsome antibodies [letter] Rizzetto M, et al. **Hepatology** 1985 Sep-Oct;5(5):910-11

Binding kinetics of monomeric and aggregated IgG to Kupffer cells and hepatocytes of mice. Sancho J, et al. **Immunology** 1984 Oct;53(2):283-9

Hepatic uptake of circulating IgG immune complexes. Skogh T, et al. **Immunology** 1985 Aug;55(4):585-94

Depressing hepatic macrophage complement receptor function causes increased susceptibility to endotoxemia and infection. Loegering DJ, et al. **Infect Immun** 1985 Mar; 47(3):659-64

Monoclonal antibody against tumour-derived cell line shows heterogeneity of altered hepatocytes during AFB1-induced carcinogenesis. Manson MM, et al. **Int J Cancer** 1984 Dec 15;34(6):869-74

Endogenous and exogenous domain markers of the rat hepatocyte plasma membrane. Bartles JR, et al. **J Cell Biol** 1985 Apr;100(4):1126-38

Immune responses to liver-specific lipoprotein and liver membrane antigen: a tabular interpretative review. Frazer IH, et al. **J Clin Lab Immunol** 1984 Aug;14(4):165-7

Widespread presence of cytoplasmic HBcAg in hepatitis B infected liver detected by improved immunochemical methods. Gowans EJ, et al. **J Clin Pathol** 1985 Apr; 38(4):393-8

Liver macrophages in murine listeriosis. Cell-mediated immunity is correlated with an influx of macrophages capable of generating reactive oxygen intermediates. Lepay DA, et al. **J Exp Med** 1985 Jun 1;161(6):1503-12

An enzyme-linked immunosorbent assay for detection of antibodies against halothane-altered hepatocyte antigens. Kenna JG, et al. **J Immunol Methods** 1984 Dec 14; 75(1):3-14

A radioimmunoassay for detection of circulating antibodies reacting with the hepatic asialoglycoprotein receptor protein. McFarlane BM, et al. **J Immunol Methods** 1985 Mar 18;77(2):219-28

Natural antitumor defense system of the murine liver. Cohen SA, et al. **J Leukocyte Biol** 1985 May;37(5):559-69

AN6520 Ag: an antigen purified from liver with non-A, non-B hepatitis. Tohmatsu J, et al. **J Med Virol** 1985 Apr; 15(4):357-71

Clinical comparison of cultured human epithelial cells and rat liver as substrates for the fluorescent antinuclear antibody test. Miller MH, et al. **J Rheumatol** 1985 Apr; 12(2):265-9

Molecular pathogenesis of hepatitis B virus infection: simultaneous detection of viral DNA and antigens in paraffin-embedded liver sections. Blum HE, et al. **Lancet** 1984 Oct 6;2(8406):771-5

Immunoreactive uroporphyrinogen decarboxylase in the liver in porphyria cutanea tarda. Elder GH, et al. **Lancet** 1985 Aug 3;2(8449):229-33

Prognostic value of hepatitis B core antigen (HBcAg) expression in the liver of children with chronic hepatitis type B. Bortolotti F, et al. **Liver** 1985 Feb;5(1):40-7

Chronic human schistosomiasis mansoni-schistosomal antigen, immunoglobulins and complement C3 detection in the liver. De Brito T, et al. **Liver** 1985 Apr;5(2):64-70

Immunoglobulin-containing plasma cells in acute hepatitis. Mietkiewski JM, et al. **Liver** 1985 Apr;5(2):84-8

Antigen handling in ageing. III. Age-related changes in antigen handling by liver parenchymal and nonparenchymal cells. Heil MF, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):327-40

Single-step immunosorbent preparation of F-protein from mouse liver with conservation of the allo-antigenic site, and determination of concentration in liver and serum. Wedderburn L, et al. **Mol Immunol** 1984 Oct;21(10):979-84

Immune regulatory effect of hepatic factor associated with thymus alteration. Lie TS, et al. **Res Exp Med (Berl)** 1985; 185(3):245-52

Antibodies to peptides detect new hepatitis B antigen: serological correlation with hepatocellular carcinoma. Moriarty AM, et al. **Science** 1985 Jan 25;227(4685):429-33

Immunohistological investigations of PAS-negative globular intracisternal hyalin in human liver biopsy specimens. Storch W. **Virchows Arch [Cell Pathol]** 1985;48(2):155-65

[Antinuclear antibodies: analysis of images and classification of immunofluorescence aspects on nuclei isolated from rat hepatocytes] Delbarre F, et al. **Biomed Pharmacother** 1984; 38(3):149-59 (Eng. Abstr.) **(Fre)**

[Preliminary study of delta-agent in liver tissue of patients with virus hepatitis B] Hao LJ, et al. **Acta Acad Med Wuhan** 1985;5(2):107-11 (Eng. Abstr.) **(Ger)**

[Relation between viral antigens in hepatic tissue detected by immunofluorescence and serological markers of HBV infection in patients with chronic hepatitis] Calzia R, et al. **Boll Ist Sieroter Milan** 1982;61(4):347-56 (Eng. Abstr.) **(Ita)**

[Effect of amphotericin B on phagocytosis and intracellular killing of E. coli by rat liver perfused in vitro: preliminary results] Andreana A, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1229-31 (Eng. Abstr.) **(Ita)**

[Study on the local immune system of the human pancreas and liver--ultrastructural localization of IgA and secretory component] Aoyama H. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):187-201 (Eng. Abstr.) **(Jpn)**

[Immunohistological study of delta antigen in the liver with fulminant hepatitis] Mori J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):610-3 (Eng. Abstr.) **(Jpn)**

[Antibodies to ethanol-altered hepatocytes in alcoholic liver disease] Tsuchimoto K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3041 **(Jpn)**

[Effect of sex hormones on the induction of macrophage-mediated hepatocytotoxicity] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1989-94 (Eng. Abstr.) **(Jpn)**

[Appearance of HBsAg in the liver in cases of hepatocellular carcinoma] Szczudrawa J, et al. **Patol Pol** 1984 Apr-Jun; 35(2):179-89 (Eng. Abstr.) **(Pol)**

[Secretory immunoglobulins (IgA) in the development of the immunologic reaction to horseradish peroxidase] Shakhlamov VA, et al. **Arkh Anat Gistol Embriol** 1984 Sep; 87(9):68-74 (Eng. Abstr.) **(Rus)**

[Changes in the immunity indices of intact and partially hepatectomized mice undergoing the transplantation of splenic cells from hypokinetic donors] Li SE, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):464-5 (Eng. Abstr.)

(Rus)

[Effect of antigenic stimulation and fasting on liver lysosomes in rats] Tutel'ian VA, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):292–4 (Eng. Abstr.) **(Rus)**

[Differences in the antigenic structure of chromatin from the liver and hepatoma cells in the rat] Nanazashvili MG, et al. **Eksp Onkol** 1984;6(3):38–42 (Eng. Abstr.) **(Rus)**

[Intranuclear localization of hepatoma chromatin antigens not detected in liver chromatin] Nanazashvili MG, et al. **Eksp Onkol** 1984;6(5):39–42 (Eng. Abstr.) **(Rus)**

[Change in the blast transformation of rat blood lymphocytes during experimental actions on the liver] Bryzgina TM, et al. **Fiziol Zh** 1985 May–Jun;31(3):278–82 (Eng. Abstr.) **(Rus)**

[Autoimmune reactions of the humoral type in viral hepatitis] Liashenko IuI, et al. **Ter Arkh** 1985;57(5):130–3 (Eng. Abstr.) **(Rus)**

INJURIES

Healing of focal injury in the rat liver. Ogawa K, et al. **Am J Pathol** 1985 Apr;119(1):158–67

Hepatic injury: a possible complication of dopamine infusion through an inappropriately placed umbilical vein catheter. Venkataraman PS, et al. **Am J Perinatol** 1984 Jul;1(4):351–4

Edgar J. Poth Lecture. Critical decisions in the management of hepatic trauma. Moore EE. **Am J Surg** 1984 Dec; 148(6):712–6

The treatment of 179 blunt trauma-induced liver injuries in a statewide trauma center. Brotman S, et al. **Am Surg** 1984 Nov;50(11):603–8

Selective nonoperative management of blunt liver injury using computed tomography. Meyer AA, et al. **Arch Surg** 1985 May;120(5):550–4

Blunt liver trauma at the Sunnybrook Regional Trauma Unit. Hanna SS, et al. **Can J Surg** 1985 May;28(3):220–3

CT evaluation of hepatic and splenic trauma with EOE-13. An experimental study in monkeys. Miller DL, et al. **Invest Radiol** 1985 Jan–Feb;20(1):68–72

Blunt liver trauma in children: nonoperative management. Cywes S, et al. **J Pediatr Surg** 1985 Feb;20(1):14–8

Blunt hepatic trauma in children: experience with operative and nonoperative management. Giacomantonio M, et al. **J Pediatr Surg** 1984 Oct;19(5):519–22

Nonoperative management of liver injuries following blunt abdominal trauma in children. Grisoni ER, et al. **J Pediatr Surg** 1984 Oct;19(5):515–8

Blunt hepatic injury and elevated hepatic enzymes: a clinical correlation in children. Oldham KT, et al. **J Pediatr Surg** 1984 Aug;19(4):457–61

Hepatic trauma. Rittenberry AB Jr, et al. **J Tenn Med Assoc** 1985 Feb;78(2):94–6

Hazards of nonoperative therapy of hepatic injury in children. Bass BL, et al. **J Trauma** 1984 Nov;24(11):978–82

The role of packing and planned reoperation in severe hepatic trauma. Carmona RH, et al. **J Trauma** 1984 Sep; 24(9):779–84

The value of hepatobiliary scanning in complex liver trauma. Gartman DM, et al. **J Trauma** 1985 Sep;25(9):887–91

Pericardial complications in hepatic trauma. Grasberger RC, et al. **J Trauma** 1985 Apr;25(4):322–5

Analytical diagnostic peritoneal lavage in the diagnosis of intra-abdominal injury. Thompson DC, et al. **J Trauma** 1985 May;25(5):400–4

Hepatic hematoma after blunt trauma--a case of nonoperative management to prevent liver abscess formation. Nakakuma K, et al. **Jpn J Surg** 1984 Jul; 14(4):327–30

The management of liver trauma. Macfarlane R. **Postgrad Med J** 1985 Apr;61(714):289–93 (54 ref.)

CT appearance of omental packs. Sefczek RJ, et al. **Radiology** 1985 Aug;156(2):472

Autopsy assessment of liver lacerations. A study of 62 cases. Moar JJ. **S Afr Med J** 1985 Aug 3;68(3):180–2

Pulmonary embolism due to hepatic tissue--a forensic vital sign? A case report. Moar JJ. **S Afr Med J** 1984 Nov 3; 66(18):699–700

Hepatic trauma: evaluation of routine drainage. Mullins RJ, et al. **South Med J** 1985 Mar;78(3):259–61

Surgical treatment of liver injuries by application of Fibrinkleber. Giakoustidis E, et al. **World J Surg** 1985 Feb; 9(1):144–8

[Case of traumatic rupture of the liver and of a hepatic echinococcal cyst] Kiuchukov I, et al. **Khirurgiia (Sofiia)** 1984;37(5):414–5 **(Bul)**

[Injuries of abdominal cavity organs in newborn infants] Kokštein Z, et al. **Cesk Pediatr** 1985 Feb;40(2):113–4 **(Cze)**

[Use of noninvasive examination methods in injuries of the spleen and liver] Hájková H, et al. **Rozhl Chir** 1985 Mar; 64(3):218–25 (Eng. Abstr.) **(Cze)**

[Severe injuries of the liver] Michek J, et al. **Rozhl Chir** 1984 Oct;63(10):652–6 (Eng. Abstr.) **(Cze)**

[Liver injuries] Chambon JP, et al. **Chirurgie** 1983; 109(9):754–61 (Eng. Abstr.) **(Fre)**

[Hepatic resection as necessary in liver injuries] Bourgeon R. **J Chir (Paris)** 1984 Oct;121(10):605–9 (Eng. Abstr.) **(Fre)**

[Spontaneous left hepatectomy caused by the safety-belt (letter)] Crespy G, et al. **Presse Med** 1985 Feb 9;14(5):281 **(Fre)**

[Liver trauma] Fritsch A, et al. **Chirurg** 1985 Apr; 56(4):198–202 **(Ger)**

[Liver rupture. Principles of operational tactics] Esser G. **Unfallheilkunde** 1984 Nov;87(11):456–62 (Eng. Abstr.) **(Ger)**

[Severe liver injuries] Michek J, et al. **Zentralbl Chir** 1984; 109(20):1302–6 (Eng. Abstr.) **(Ger)**

[Surgical problems in traumatic lesions of the hilus hepatis] Picardi N, et al. **Ann Ital Chir** 1984;56(5):499–507 **(Ita)**

[Closed injuries of the liver] Vadalà G, et al. **Chir Ital** 1983 Oct;35(5):680–96 (Eng. Abstr.) **(Ita)**

[Traumatic injuries of the caudate lobe. Notes on embryology, anatomy and physiopathology. Presentation of a clinical case] Donadio F, et al. **Minerva Chir** 1985 Jun 15;40(11):825–9 (Eng. Abstr.) **(Ita)**

[Extensive rupture of the right hepatic lobe caused by a blunt injury of the lumbar region] Muc J, et al. **Wiad Lek** 1984 Sep 1;37(17):1371–4 (Eng. Abstr.) **(Pol)**

[A case of traumatic hemobilia in a child] Ionescu GO, et al. **Rev Chir [Chir]** 1985 Jan–Feb;34(1):47–51 (Eng. Abstr.) **(Rum)**

[Diagnostic and treatment problems in traumatic ruptures of the parenchymatous abdominal organs (liver and spleen) in children] Pesamosca A, et al. **Rev Chir [Chir]** 1984 Nov–Dec;33(6):427–33 (Eng. Abstr.) **(Rum)**

[Open pneumothorax, rupture of the diaphragm and liver by a foreign body] Egiazarian VF, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):129 **(Rus)**

[Combined abdominal injuries in children] Entin VG. **Khirurgiia (Mosk)** 1984 Dec;(12):129–31 **(Rus)**

[Stimulation of restorative processes in the liver after its massive lesions and resection (experimental study)] Gal'perin EI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):82–7 (Eng. Abstr.) **(Rus)**

[Angiographic diagnosis of injuries of the liver and spleen] Zingerman LS, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):76–8 (Eng. Abstr.) **(Rus)**

[Acute adrenal insufficiency in a patient with avulsion of the gallbladder] Murasheva ZM. **Klin Med (Mosk)** 1985 Mar;63(3):111–3 **(Rus)**

[Function of the blood kallikrein-kinin system in surgical injury and hypoxia of the liver in experiments] Dederer IuM, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):49–52 (Eng. Abstr.) **(Rus)**

[Diagnostic and therapeutic errors in injuries of the liver and spleen] Raĭkevich NP, et al. **Sov Med** 1984;(9):99–104 **(Rus)**

[Closed injuries of internal organs in non-penetrating abdominal gunshot wound] Nevinchanyi VI, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):60–1 **(Rus)**

[Liver resection in closed injury in a child] Gen Iala, et al. **Vestn Khir** 1985 Jan;134(1):108 **(Rus)**

[Choice of a surgical approach in liver injuries] Zemskov VS, et al. **Vestn Khir** 1985 Jan;134(1):84–7 (Eng. Abstr.) **(Rus)**

[Hepatic injury in childhood] Baeza-Herrera C, et al. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):383–6 (Eng. Abstr.) **(Spa)**

[Traumatic hemobilia with spontaneous recovery (letter)] de Juan Martin M, et al. **Rev Clin Esp** 1985 Jan;176(1):49–50 **(Spa)**

INNERVATION

Glucose turnover during insulin-induced hypoglycemia in liver-denervated rats. Mikines KJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E327–32

Hepatic lipase activity increases after liver denervation in the rat. Hansson P, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):351–3

Evaluation of topical phenol as a means of producing autonomic denervation of the liver. Lautt WW, et al. **Can J Physiol Pharmacol** 1984 Jul;62(7):849–53

The hepatic vagus nerve and the neural regulation of insulin secretion. Lee KC, et al. **Endocrinology** 1985 Jul; 117(1):307–14

Thermosensitive and osmoreceptive afferent fibers in the hepatic branch of the vagus nerve. Adachi A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):269–73 (25 ref.)

Projection of the hepatic vagal nerve in the medulla oblongata. Adachi A. **J Auton Nerv Syst** 1984 May–Jun; 10(3–4):287–93

Effect of selective parasympathetic denervation on the daily rhythm of tyrosine transaminase in the rat liver. Magni F, et al. **J Auton Nerv Syst** 1985 Jul;13(3):245–54

Reflex control of the autonomic nervous system activity from the glucose sensors in the liver in normal and midpontine-transected animals. Niijima A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):279–85

The effect of D-glucose on the firing rate of glucose-sensitive vagal afferents in the liver in comparison with the effect of 2-deoxy-D-glucose. Niijima A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):255–60

Projection of the hepatic branch of the splanchnic nerve to the brainstem of the rat. Rogers RC, et al. **J Auton Nerv Syst** 1984 Sep;11(2):223–5

Activation of portal-hepatic osmoreceptors in rats: role of calcium, acetylcholine and cyclic AMP. Stoppini L, et al. **J Auton Nerv Syst** 1984 Nov;11(3):297–308

Convergence of hepatic osmoreceptive inputs on sodium-responsive units within the nucleus of the solitary tract of the rat. Kobashi M, et al. **J Neurophysiol** 1985 Aug;54(2):212–9

Blood glucose levels modulate efferent activity in the vagal supply to the rat liver. Niijima A. **J Physiol (Lond)** 1985 Jul;364:105–12

Reflex suppression and initiation of gastric contractions by electrical stimulation of the hepatic vagus nerve. Lee KC. **Neurosci Lett** 1985 Jan 7;53(1):57–62

The effect of liver denervation on meal patterns, body weight and body composition of rats. Bellinger LL, et al. **Physiol Behav** 1984 Oct;33(4):661–7

Effect of hepatic vagotomy and/or coeliac ganglionectomy on the delayed eating response to insulin and 2DG injection in rats. Granneman J, et al. **Physiol Behav** 1984 Sep; 33(3):495–7

Adrenergic innervation of the human liver. A fluorescence histochemical analysis of clinical liver biopsy specimens. Kyösola K, et al. **Scand J Gastroenterol** 1985 Mar; 20(2):254–6

[Absence of the reaction of insulin receptors to receptorotropic activity in the rat liver with innervation lesions] Bezdrobnyĭ IuV, et al. **Fiziol Zh SSSR** 1985 Feb; 71(2):248–54 (Eng. Abstr.) **(Rus)**

METABOLISM

Further studies on the biochemical characterization of the MC-29 virus derived transplantable hepatoma (VTH). II. Modification of cyclic adenosine-3',5'-monophosphate levels by catecholamines, glucagon and Vinca alkaloids in normal chicken liver and VTH. Gyapay G, et al. **Acta Biol Hung** 1984;35(1):35–41

Different alterations of nuclear triiodothyronine receptor capacity in liver and kidney induced by starvation and triiodothyronine administration. Nakamura H, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):206–10

Quantitative aspects of the effects of insulin, epidermal growth factor and dexamethasone on DNA synthesis in cultured adult rat hepatocytes. Sand TE, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):369–77

Effects of insulin-like growth factors on chick embryo hepatocytes. Widmer U, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):237–44

Changes in thyroxine monodeiodination in rat liver, kidney and placenta during pregnancy. Yoshida K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):495–9

Ontogeny of rat brain and liver glucocorticoid receptors. Kitraki E, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984; 265:5–6

Effect of a low-protein diet on the serum and liver lipid content of rats. Ristić V, et al. **Acta Med Iugosl** 1985; 39(2):117–23

Comparison of estimation methods of liver maximum removal rate of indocyanine green. Tanaka R, et al. **Acta Med Okayama** 1985 Apr;39(2):119–24

Transaminative metabolism of L-cysteine in guinea pig liver and kidney. Taniguchi M, et al. **Acta Med Okayama** 1984 Aug;38(4):375–80

Plasma HDL cholesterol and blood glucose in non-insulin-dependent diabetics related to liver lipids and microsomal enzyme activity. Luoma PV, et al. **Acta Med Scand** 1985;217(5):473–9

Oral progesterone and estrogen/progestogen therapy. Effects of natural and synthetic hormones on subfractions of HDL cholesterol and liver proteins. Ottosson UB. **Acta Obstet Gynecol Scand [Suppl]** 1984;127:1–37

Acute interaction of halothane and enflurane with the metabolism of ethanol in isolated hepatocytes and liver cytosol preparations from the rat. Aune H, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):254–9

Auranofin treatment of rats: adaptation to intestinal adverse effects and observations on the cytosolic distribution of gold in the intestines, liver and kidneys. Glennås A. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):404–9

A comparison of the binding characteristics of the beta-adrenoceptor antagonists 3H-dihydroalprenolol and 125I-iodocyanopindolol in rat liver. Sandnes D, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct;55(4):287–96

Metabolism of hydralazine by rat hepatocytes. Jendryczko A, et al. **Acta Physiol Pol** 1984 Mar–Apr;35(2):185–7

Effects of prolactin and experimental handling on liver, fat body and ovary lipid contents and their daily variations in Rana esculenta (L.). Sotowska-Brochocka J, et al. **Acta Physiol Pol** 1984 Jan–Feb;35(1):1–13

Levels of trace elements in liver from Norwegian moose, reindeer and red deer in relation to atmospheric deposition. Frøslie A, et al. **Acta Vet Scand** 1984;25(3):333–45

The metabolism of [3H] pteroylglutamic acid in rat liver during regeneration after partial hepatectomy. Bovina C, et al. **Acta Vitaminol Enzymol** 1984;6(4):283–8

Ascorbic acid in thyroidectomized rats. II) Ascorbic acid status of the storage tissues and hepatic biosynthesis of glucuronic acid. Nath N, et al. **Acta Vitaminol Enzymol** 1984;6(2):91–5

Developmental pattern of the hepatic DNA, RNA and protein in relation to maternal vitamin A status in rats. Sharma HS, et al. **Acta Vitaminol Enzymol** 1985; 7(1–2):85–91

Identification of thiamine diphosphate-binding proteins from rat liver supernatant. Voskoboyev AI, et al. **Acta Vitaminol Enzymol** 1985;7(1–2):115–22

ADP-ribosylation of the inhibitory guanine nucleotide regulatory protein (Ni) as a possible mechanism underlying development of beta-adrenergic responses during primary culture of rat hepatocytes. Ui M, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1985; 19:195–205

Impaired hormonal stimulation in isolated hepatocytes of phosphorous depleted rats. Hörl WH, et al. **Adv Exp Med Biol** 1984;178:417-25

Regenerating rat liver topoisomerase II: purification of the enzyme and catenation of DNA rings. Mirambeau G, et al. **Adv Exp Med Biol** 1984;179:423-33

Carbon tetrachloride-induced early biochemical alterations but not necrosis in pigeon's liver. Fernández G, et al. **Agents Actions** 1984 Oct;15(3-4):463-6

A saturable binding site for high density lipoprotein3 on human liver membranes. Trezzi E, et al. **Agents Actions [Suppl]** 1984;16:47-51

Effect of ethanol on fatty acid metabolism in cultured hepatocytes: dependency on incubation time and fatty acid concentration. Grunnet N, et al. **Alcohol** 1985 Jan-Feb; 2(1):157-61

Some unexplained features of hepatic ethanol oxidation. Phillips JW, et al. **Alcohol** 1985 Jan-Feb;2(1):57-60

The inhibitory effect of testosterone on the development of metabolic tolerance to ethanol. Rachamin G, et al. **Alcohol** 1984 Jul-Aug;1(4):283-91

Use of cyanamide to determine localization of acetaldehyde metabolism in rat liver. Svanas GW, et al. **Alcohol** 1985 Jan-Feb;2(1):111-5

Effect of ethanol and iron on the hepatic and biliary levels of glutathione and lipid peroxidative indexes. Videla LA, et al. **Alcohol** 1985 May-Jun;2(3):457-62

Alteration of acetaldehyde metabolism in carbon tetrachloride-intoxicated rat liver: analysis using liver perfusion system. Yuki T, et al. **Alcohol Alcohol** 1984; 19(2):101-7

Effect of beta-adrenergic blockade on biochemical and metabolic response to exercise. Opie LH. **Am J Cardiol** 1985 Apr 26;55(10):95D-100D (37 ref.)

Hepatic transport of bile salt and bile composition following total parenteral nutrition with and without lipid emulsion in the rat. Innis SM. **Am J Clin Nutr** 1985 Jun;41(6):1283-8

Decreased hepatic vitamin A after drug administration in men and in rats. Leo MA, et al. **Am J Clin Nutr** 1984 Dec; 40(6):1131-6

Hepatocellular clearance function of bacterial lipopolysaccharides and free lipid A in mice with endotoxic shock. Hopf U, et al. **Am J Emerg Med** 1984 Jan;2(1):13-9

Pharmacokinetic study on the hepatic uptake of indocyanine green in cirrhotic patients. Kawasaki S, et al. **Am J Gastroenterol** 1985 Oct;80(10):801-6

Cholesterol synthesis by human fetal hepatocytes: effect of lipoproteins. Carr BR, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):551-7

Hepatic oxygenation during arterial hypoxemia in neonatal lambs. Edelstone DI, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):513-8

Immunocytochemical study of hepatocyte synthesis of amyloid AA. Demonstration of usual site of synthesis and intracellular pathways but unusual retention on the surface membrane. Shirahama T, et al. **Am J Pathol** 1985 Jan; 118(1):108-15

Nutritional control of protein synthesis. Studies relating to tryptophan-induced stimulation of nucleocytoplasmic translocation of mRNA in rat liver. Sidransky H, et al. **Am J Pathol** 1984 Nov;117(2):298-309

Glucose transport by lobster hepatopancreatic brush-border membrane vesicles. Ahearn GA, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R133-41

Transferrin and iron release from rat hepatocytes in culture. Baker E, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G93-7

Mechanism of training-induced attenuation of postexercise ketosis. Beattie MA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R780-5

Ethynylestradiol impairs bile salt uptake and Na-K pump function of rat hepatocytes. Berr F, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G437-43

Role of hepatocyte plasma membrane in insulin degradation. Blackard WG, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E194-202

Enhancement of Na+-dependent bile acid uptake by albumin: direct demonstration in rat basolateral liver plasma membrane vesicles. Blitzer BL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G34-8

Kinetic and energetic aspects of the inhibition of taurocholate uptake by Na+-dependent amino acids: studies in rat liver plasma membrane vesicles. Blitzer BL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G120-4

Effect of glucagon on hepatic lactate metabolism in the conscious dog. Davis MA, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 1):E463-70

Interaction of human lactoferrin with the rat liver. Debanne MT, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G463-9

Effect of lactation on cholesterol synthesis in rats. Feingold KR, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G203-8

Hepatic uptake and disposition of human polymeric IgA1 in perfused rat liver: evidence for incomplete biliary excretion and intrahepatic degradation. Finck MH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):G450-5

Hepatic transport and binding of rose bengal in the presence of albumin and gamma globulin. Forker EL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G702-8

Effects of unstirred Disse fluid, nonequilibrium binding, and surface-mediated dissociation on hepatic removal of albumin-bound organic anions. Forker EL, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G709-17

Synergistic effects of oPL and insulin on glycogen metabolism in fetal rat hepatocytes. Freemark M, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E714-8

Preferential binding of vasoactive intestinal peptide to hepatic nonparenchymal cells. Gardner DF, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G663-9

Splanchnic substrate balance in malnourished patients during parenteral nutrition. Gil KM, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 1):E409-19

Regulation of hepatic triiodothyronine production in the streptozotocin-induced diabetic rat. Jennings AS. **Am J Physiol** 1984 Oct;247(4 Pt 1):E526-33

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages. Kane AB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C256-66

Hepatic clearance of renin after angiotensin blockade. Keiser JA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):R23-8

Hepatic handling of pancreatic glucagon and glucose during meals in rats. Langhans W, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 2):R827-32

Hepatic glycerol flux after E. coli endotoxin administration. McGuinness OP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):R687-92

Effects of hypophysectomy and GH administration on bovine and human GH binding to rat liver membranes. Messina JL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E56-62

Indomethacin and salicylate modulate effect of insulin on glucose kinetics in dogs. Miller JD, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E648-55

In vivo studies of hypoglycemia and lactic acidosis in endotoxic shock. Naylor JM, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 1):E309-16

Hepatic and extrahepatic lactate metabolism in sheep: effects of lactate loading and pH. Naylor JM, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E747-55

Metabolic effects of oral fructose in the liver of fasted rats. Niewoehner CB, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E505-12

Transport of thyroxine bound to human prealbumin into rat liver. Pardridge WM, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G545-50

Time course of changes in albumin synthesis and mRNA in diabetic and insulin-treated diabetic rats. Peavy DE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E656-63

Effect of intragastric triglyceride administration on glucose homeostasis in newborn pigs. Pegorier JP, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E268-75

Lactoferrin catabolism in the rat liver. Regoeczi E, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G8-14

Diabetes enhances activity of alanine transport in liver plasma membrane vesicles. Rosenthal NR, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E581-7

Differential secretion and removal of multiple renin forms. Shier DN, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R79-84

Effect of norepinephrine on gluconeogenesis in perfused livers of cold-exposed rats. Shiota M, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E281-6

Taurocholate transport by basolateral plasma membrane vesicles isolated from developing rat liver. Suchy FJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):G648-54

A model for augmentation of hepatocyte response to pulsatile glucagon stimuli. Weigle DS, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E681-6

Pulsatile glucagon delivery enhances glucose production by perifused rat hepatocytes. Weigle DS, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E564-8

Inositol trisphosphate and diacylglycerol as intracellular second messengers in liver. Williamson JR, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C203-16 (111 ref.)

Hepatic clearance of rat plasma intestinal alkaline phosphatase. Young GP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):G419-26

Separation of endocytic vesicles in Nycodenz gradients. Kindberg GM, et al. **Anal Biochem** 1984 Nov 1, 142(2):455-62

A new competition assay for the solubilized hepatic galactosyl receptor. Ray DA, et al. **Anal Biochem** 1985 Feb 15;145(1):37-46

An in vivo-in vitro alkaline DNA unwinding assay for hepatic DNA damage: comparison with the alkaline sucrose gradient centrifugation technique. Storer RD, et al. **Anal Biochem** 1984 Nov 1;142(2):351-9

Sex differences in circadian rhythms of several variables in lymphoreticular organs, liver, kidney, and corneal epithelium in adult CD2F1 mice. Tsai TH, et al. **Anat Rec** 1985 Mar;211(3):263-70

Receptor-mediated endocytosis of glucagon in isolated mouse hepatocytes. Watanabe J, et al. **Anat Rec** 1984 Dec; 210(4):557-67

Freeze-replica study of lipid droplets in the Ito cells of rat liver. Yamamoto K, et al. **Anat Rec** 1984 Nov;210(3):415-20

The effect of halothane, isoflurane, and blood loss on hepatotoxicity and hepatic oxygen availability in phenobarbital-pretreated hypoxic rats. Gelman S, et al. **Anesth Analg** 1984 Nov;63(11):965-72

Composition of human hepatic bile. Albers CJ, et al. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):129-32

Postnatal development of the sterol and nonsterol mevalonate metabolism in chick liver and kidneys. Effect of cholesterol feeding. Aguilera JA, et al. **Ann Nutr Metab** 1984; 28(6):342-9

Secretion and hepatic removal of insulin in female obese subjects with reactive hypoglycemia. Bonora E, et al. **Ann Nutr Metab** 1984;28(5):305-10

Effect of ethanol on liver triglycerides and fatty acid composition in the golden Syrian hamster. Cunnane SC, et al. **Ann Nutr Metab** 1985;29(4):246-52

Pulmonary and hepatic fatty acid synthesis. III. Control of hexose monophosphate shunt pathway by 3,5,3'-L-triiodothyronine. Das DK, et al. **Ann Nutr Metab** 1984;28(6):357-66

Albumin-synthesizing capacity of hepatocytes isolated from rats fed diets differing in protein and energy content. Smith JE, et al. **Ann Nutr Metab** 1984;28(5):281-7

Biotin uptake by isolated rat liver hepatocytes. Bowers-Komro DM, et al. **Ann NY Acad Sci** 1985; 447:350-8

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. III. Evidence for the role of a monokine similar to but not identical with interleukin-1. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):436-43

Modulation of hepatocyte protein synthesis by endotoxin-activated Kupffer cells. II. Mediation by soluble transferrable factors. Keller GA, et al. **Ann Surg** 1985 Apr; 201(4):429-35

Multiple systems organ failure. Modulation of hepatocyte protein synthesis by endotoxin activated Kupffer cells. Keller GA, et al. **Ann Surg** 1985 Jan;201(1):87-95

The characterization and partial purification of hepatocyte proliferation factor. Schwarz LC, et al. **Ann Surg** 1985 Sep; 202(3):296-302

The regulation of hepatic glutathione. Kaplowitz N, et al. **Annu Rev Pharmacol Toxicol** 1985;25:715-44 (120 ref.)

Effect of dimethylnitrosamine upon carbamoyl phosphate and ornithine utilization in rat liver. Karsai T, et al. **Anticancer Res** 1985 Jul-Aug;5(4):441-4

Hepatic control of food intake. Koopmans HS. **Appetite** 1984 Jun;5(2):127-35

Modification of in vitro metabolism of T-2 toxin by esterase inhibitors. Wei RD, et al. **Appl Environ Microbiol** 1985 Jul;50(1):115-9

Diurnal changes in the rate of cholesterogenesis in hepatocytes from fed and starved rats: effects of precursors and pancreatic hormones in vitro. Björnsson OG, et al. **Arch Biochem Biophys** 1985 Apr;238(1):135-45

Purine metabolism and urate biosynthesis in isolated chicken hepatocytes. Burns RA, et al. **Arch Biochem Biophys** 1984 Sep;233(2):507-14

Metabolism of [3H]leupeptin by rat liver. Dennis PA, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):768-76

Inhibition of the oxidation of acetaldehyde and formaldehyde by hepatocytes and mitochondria by crotonaldehyde. Dicker E, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):187-96

Alterations in intracellular thiol homeostasis during the metabolism of menadione by isolated rat hepatocytes. Di Monte D, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):334-42

Maintenance and induction of cytochrome P-450 in cultured rat hepatocytes. Engelmann GL, et al. **Arch Biochem Biophys** 1985 May 1;238(2):359-67

The pentose phosphate cycle is regulated by NADPH/NADP ratio in rat liver. Fabregat I, et al. **Arch Biochem Biophys** 1985 Jan;236(1):110-8

The effects of vitamin A deficiency on hepatic folate metabolism in rats. Fell D, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):843-50

Plasma protein and liver mRNA levels of two closely related murine alpha 1-protease inhibitors during the acute phase reaction. Frazer JM, et al. **Arch Biochem Biophys** 1985 May 15;239(1):112-9

Induction of methotrexate release from rat hepatocytes in suspension by alpha-adrenergic agents: involvement of calcium and metabolic energy. Gewirtz DA, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):237-43

Endocytosis of bovine lactoperoxidase by two carbohydrate-specific receptors in rat liver. Hildenbrandt GR, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):1-10

Stabilization of hepatic colchicine-binding activity by organic acids. Jennett RB, et al. **Arch Biochem Biophys** 1985 Jan;236(1):304-10

The reactions of the phosphorylated pathway of L-serine biosynthesis: thermodynamic relationships in rabbit liver in vivo. Lund K, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):186-96

Isolation and characterization of mannan-binding proteins from chicken liver. Oka S, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):95-105

Effect of growth hormone on rat liver N-acetyl-L-glutamate. Palekar AG, et al. **Arch Biochem Biophys** 1985 Mar;237(2):430-2

The regulation of hepatic gluconeogenesis using alpha-ketoisovalerate and propionate as precursors. Patel TB, et al. **Arch Biochem Biophys** 1984 Sep;233(2):362-9

Effects of glutathione depletion on gluconeogenesis in isolated hepatocytes. Sáez GT, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):75-80

Structure-function relationships of retinoids in their effects on retinol-binding protein metabolism in cultured H4II EC3 liver cells. Smith JE, et al. **Arch Biochem Biophys** 1985 Apr;238(1):1-9

The effect of pyridoxine deficiency on the metabolism of the aromatic amino acids by isolated rat liver cells. Stanley JC, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):792-800

Aldehyde dehydrogenase activity as the rate-limiting factor for acetaldehyde metabolism in rat liver. Svanas GW, et al. **Arch Biochem Biophys** 1985 Jan;236(1):36–46

High-performance liquid chromatographic determination of phospholipid peroxidation products of rat liver after carbon tetrachloride administration. Terao J, et al. **Arch Biochem Biophys** 1984 Dec;235(2):326–33

Metabolism of toxaphene by the isolated perfused bovine liver. Maiorino RM, et al. **Arch Environ Contam Toxicol** 1984 Sep;13(5):565–71

Cytotoxicity of intratracheally administered coal fly ash: studies on liver and plasma lipids in rats. Srivastava PK, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):105–10

The hepatic handling of sulfobromphthalein in aging Fischer-344 rats: in vivo and in vitro studies. Kanai S, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):73–85

Age-related differences in the response of hepatic oxygen consumption to thermal stress in the male garden lizard. Kara TC, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):29–35

The digitoxin metabolism in isolated hepatocytes from young and old male Wistar rats. Ohta M, et al. **Arch Gerontol Geriatr** 1984 Oct;3(3):249–58

Specific binding and metabolism of (-)- and (+)-[3H]-nicotine in isolated rat hepatocytes and hepatocyte membranes. Abood LG, et al. **Arch Int Pharmacodyn Ther** 1985 Jan;273(1):62–73

Rectal, oral and I.A. administration of etomidate to rats: significant avoidance of hepatic first-pass elimination following rectal administration. de Boer AG, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):180–91

Glucuronidation and elimination of diflunisal in the isolated perfused rat liver: effect of pretreatment with phenobarbitone, clofibric acid and spironolactone. Faed EM, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):4–16

Comparative transfer of valproic acid and of an active metabolite into brain and liver: possible pharmacological and toxicological consequences. Löscher W, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):192–202

Reduced hepatic fatty-acid synthesis and lowered plasma triacylglycerol (TG) in potassium deficient rats. Hohenegger M, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):117–22

Effects of electrical stimulation in vivo of M. pectoralis on carbohydrate metabolism with reference to certain liver and blood values in the pigeon. Pilo B, et al. **Arch Int Physiol Biochim** 1984 Aug;92(2):131–8

Hypercalcemia and abnormal bone scan patterns [letter] Smith RE. **Arch Intern Med** 1985 Jul;145(7):1335

Modulation of hepatocyte protein synthesis during co-cultivation with macrophage-rich peritoneal cells in vitro. Keller GA, et al. **Arch Surg** 1985 Feb;120(2):180–6

Decreased hepatic glutathione levels in septic shock. Predisposition of hepatocytes to oxidative stress: an experimental approach. Keller GA, et al. **Arch Surg** 1985 Aug;120(8):941–5

Reprioritization of hepatic plasma protein release in trauma and sepsis. Sganga G, et al. **Arch Surg** 1985 Feb;120(2):187–99

Gut-liver interaction during accelerated gluconeogenesis. Souba WW, et al. **Arch Surg** 1985 Jan;120(1):66–70

Renal and hepatic glutathione concentrations in rats after treatment with hexachloro-1,3-butadiene and citrinin. Baggett JM, et al. **Arch Toxicol** 1984 Nov;56(1):46–9

Study of inorganic arsenic methylation by rat liver in vitro: relevance for the interpretation of observations in man. Buchet JP, et al. **Arch Toxicol** 1985 Jun;57(2):125–9

The effects of dietary selenium on cadmium binding in rat kidney and liver. Jamall IS, et al. **Arch Toxicol** 1985 Feb;56(4):252–5

Sex differences in the cellular defence system against free radicals from oxygen or drug metabolites in rat. Julicher RH, et al. **Arch Toxicol** 1984 Dec;56(2):83–6

Histochemical changes in protein disulphide bonds in rat liver and kidney after chronic cadmium administration, and the possible relation to metallothionein. Morselt AF, et al. **Arch Toxicol** 1984 Sep;55(3):155–60

Formation, toxicity and inactivation of acrolein during biotransformation of cyclophosphamide as studied in freshly isolated cells from rat liver and kidney. Ohno Y, et al. **Arch Toxicol** 1985 Jun;57(2):99–103

The influence of administered mass on the subcellular distribution and binding of mercury in rat liver and kidney. Planas-Bohne F, et al. **Arch Toxicol** 1985 Feb;56(4):242–6

Reduction of covalent binding of aflatoxin B1 to rabbit liver DNA after immunization against this carcinogen. Caviezel M, et al. **Arch Toxicol [Suppl]** 1984;7:249–52

The influence of paracetamol on the hepatic biosynthesis of lecithin. Lohmann J, et al. **Arch Toxicol [Suppl]** 1984;7:236–9

Hydroxycotinine metabolism in rabbit liver, lung and kidney tissue homogenates. Rashid Mahmud A, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):17–23

Characterization of a human hepatic receptor for high density lipoproteins. Hoeg JM, et al. **Arteriosclerosis** 1985 May-Jun;5(3):228–37

In vitro deacetylation studies of acetamidophenolic compounds in rat brain, liver and kidney. Baumann J, et al. **Arzneimittelforsch** 1984;34(10):1278–82

Prehepatic and hepatic first-pass metabolism of lorcainide in rats. Plänitz V, et al. **Arzneimittelforschung** 1985;35(6):923–6

Secretion of cholesteryl ester-enriched very low density lipoproteins by the liver of cholesterol-fed rabbits. MacKinnon AM, et al. **Atherosclerosis** 1985 Feb;54(2):145–55

The use of (3H) thymidine-adsorbed on activated charcoal for the study of non-premitotic DNA synthesis in newborn rat hepatocytes. Viola-Magni MP, et al. **Basic Appl Histochem** 1984;28(3):257–64

Normal hepatic insulin receptor autophosphorylation in nonketotic diabetes mellitus. Amatruda JM, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):163–70

Response of hepatic ornithine decarboxylase and polyamine concentration to surgical stress in the rat: evidence for a permissive effect of catecholamines on glucocorticoid action. Corti A, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):885–91

In vitro biosynthesis of isoprene from mevalonate utilizing a rat liver cytosolic fraction. Deneris ES, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):691–6

Phenobarbital and some other liver tumor promoters stimulate DNA synthesis in cultured rat hepatocytes. Edwards AM, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):103–8

Binding of alpha 2-macroglobulin to hepatocytes: mechanism of in vivo clearance. Feldman SR, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):795–802

Insulin binding and degradation in isolated hepatocytes from streptozotocin injected rats. Garcia-Webb P, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):487–93

Short-term stimulation of lipogenesis by triiodothyronine in maintenance cultures of rat hepatocytes. Gnoni GV, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):525–30

Predominance of histamine H1 receptors on liver plasma membrane. Imoto M, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):885–9

In vivo uptake of insulin into hepatic Golgi fractions: application of the diaminobenzidine-shift protocol. Kay DG, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1144–8

Regulation of canalicular bile formation by alpha-adrenergic action and by external ATP in the isolated perfused rat liver. Krell H, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):139–45

Acetaldehyde-dependent oxidation of glutathione catalyzed by rat liver cytosol. Lyon I, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):949–57

Impaired plasma membrane glycoprotein assembly in the liver following acute ethanol administration. Mailliard ME, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):951–8

T3 stimulates the synthesis of a specific mRNA in primary hepatocyte culture. Mariash CN, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1122–9

Binding of oxygenated cholesterol metabolites to antiestrogen binding sites from chicken liver. Murphy PR, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):786–92

Iron uptake from transferrin by isolated hepatocytes: effect of ethanol. Nunes R, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):824–30

Possible role for carbamyl phosphate in the control of liver glycogen synthesis. Rognstad R. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):229–33

Subcellular glutathione contents in isolated hepatocytes treated with L-buthionine sulfoximine. Romero FJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1116–21

Loss of glucagon control of gluconeogenesis in liver cells from rats with bile duct obstruction. Schölmerich J, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1146–53

Acute effects of tumor-promoting phorbol esters on hepatic intermediary metabolism. Vaartjes WJ, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):721–6

Differential short-term effects of growth factors on fatty acid synthesis in isolated rat-liver cells. Vaartjes WJ, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):449–55

Phospholipid methyltransferase phosphorylation by intact hepatocytes: effect of glucagon. Varela I, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):477–83

Methylation of the serum albumin gene as compared to the Kirsten-ras oncogene in hepatocytes and non-parenchymal cells of rat liver. Vorce RL, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):879–83

Enhanced lysosomal phospholipid degradation and lysophospholipid production due to free radicals. Weglicki WB, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):229–35

Uptake of free hemoglobin by rat liver parenchymal cells. Weinstein MB, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):489–96

The binding of thyroid hormone receptors to DNA. Wilson BD, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):29–36

Targeting of asialofetuin sugar chain-bearing liposomes to liver lysosomes. Banno Y, et al. **Biochem Int** 1983 Oct;7(4):455–61

Lipid synthesis in isolated rat hepatocytes: activation by insulin and vanadate and inhibition by ouabain. Castro J, et al. **Biochem Int** 1984 Oct;9(4):413–20

The conversion of L-cystathionine into the cyclic ketimine form by heated rat liver extracts containing cystathionase and transaminase activities. Cavallini D, et al. **Biochem Int** 1985 Apr;10(4):641–6

Host liver changes in leukemic mice: effect of alpha-difluoromethyl ornithine, an inhibitor of polyamine synthesis. Chandar N, et al. **Biochem Int** 1984 Dec;9(6):705–13

Receptor-mediated uptake of asialoganglioside liposomes: sub-cellular distribution of the liposomal marker in isolated liver cell types. Dasgupta P, et al. **Biochem Int** 1985 Mar;10(3):327–36

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: II. Glucose-6-phosphate dehydrogenase, malic enzyme DNA, and protein. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):775–83

Evidence for naturally occurring hyaluronic acid binding protein in rat liver. D'Souza M, et al. **Biochem Int** 1985 Jan;10(1):43–51

Rapid increase of profilin-like proteins during liver development. Kishimoto R, et al. **Biochem Int** 1984 Aug;9(2):153–60

Can isolated spans of the tricarboxylic acid cycle operate independently? L-proline, oleate and butyrate metabolism in rat hepatocytes. Palmer TN, et al. **Biochem Int** 1983 Apr;6(4):433–41

Lithocholate detoxification and biliary secretion in the rat. Pattinson NR, et al. **Biochem Int** 1984 Aug;9(2):137–42

Hormonal regulation of fat esterification & oxidation in hepatocytes from fed rats: modulation by 3-mercaptopicolinate. Schofield PS, et al. **Biochem Int** 1985 Apr;10(4):695–704

Hormonal regulation of ketogenesis in hepatocytes from fed rats before and after glycogen depletion. Schofield PS, et al. **Biochem Int** 1984 Nov;9(5):611–20

Protein ADP-ribosylation in rat liver cytosol. Skala H, et al. **Biochem Int** 1983 Dec;7(6):747–54

Lipoperoxides, vitamin E, and activities of superoxide dismutase, glutathione peroxidase, and catalase in regenerating rat liver. Ueda K, et al. **Biochem Int** 1983 Nov;7(5):663–9

14C labelling of octulose bisphosphates by L-type pentose pathway reactions in liver in situ and in vitro. Williams JF, et al. **Biochem Int** 1985 Jul;11(1):97–106

Complexes of rat alpha 1-macroglobulin and subtilisin are endocytosed by parenchymal liver cells. Bergsma J, et al. **Biochem J** 1985 Feb 15;226(1):75–84

Carbohydrate-structure-dependent recognition of desialylated serum glycoproteins in the liver and leucocytes. Two complementary systems. Bezouška K, et al. **Biochem J** 1985 Apr 15;227(2):345–54

Hormone-induced increase in free cytosolic calcium and glycogen phosphorylase activation in rat hepatocytes incubated in normal and low-calcium media. Binet A, et al. **Biochem J** 1985 Jun 15;228(3):565–74

Conversion of 5-aminolaevulinate into haem by homogenates of human liver. Comparison with rat and chick-embryo liver homogenates. Bonkovsky HL, et al. **Biochem J** 1985 May 1;227(3):893–901

Actions of inositol phosphates on Ca2+ pools in guinea-pig hepatocytes. Burgess GM, et al. **Biochem J** 1984 Dec 15;224(3):741–6

Stimulation of inositol trisphosphate formation in hepatocytes by vasopressin, adrenaline and angiotensin II and its relationship to changes in cytosolic free Ca2+. Charest R, et al. **Biochem J** 1985 Apr 1;227(1):79–90

Further evidence for the involvement of a membrane proteolytic step in insulin action. Cherqui G, et al. **Biochem J** 1985 Apr 1;227(1):137–47

Influence of divalent cations on the detection of somatogenic and lactogenic binding sites in mouse liver cells. Ciccia-Torres GN, et al. **Biochem J** 1985 Jun 15;228(3):761–4

Effect of glucose on 7-hydroxycoumarin glucuronide production in periportal and pericentral regions of the liver lobule. Conway JG, et al. **Biochem J** 1985 Mar 15;226(3):749–56

Potentiation by ammonia of the metabolic effects of pent-4-enoate in isolated rat hepatocytes. Coudé FX, et al. **Biochem J** 1984 Nov 15;224(1):263–7

The rat liver vasoactive intestinal peptide binding site. Molecular characterization by covalent cross-linking and evidence for differences from the intestinal receptor. Couvineau A, et al. **Biochem J** 1985 Jan 15;225(2):473–9

Incorporation of the 1-pro-R and 1-pro-S hydrogen atoms of ethanol in the reduction of acids in the liver of intact rats and in isolated hepatocytes. Cronholm T. **Biochem J** 1985 Jul 15;229(2):323–31

Heterogeneity of the sn-glycerol 3-phosphate pool in isolated hepatocytes, demonstrated by the use of deuterated glycerols and ethanol. Cronholm T, et al. **Biochem J** 1984 Dec 15;224(3):731–9

Dietary cholesterol does not affect the synthesis of apolipoproteins B and E by rat hepatocytes. Davis RA, et al. **Biochem J** 1985 Apr 1;227(1):29–35

Insulin-responsive cultured foetal-rat hepatocytes. Their preparation and characterization. DeSante DC, et al. **Biochem J** 1984 Oct 1;223(1):39–46

The effects of 17 alpha-ethynyloestradiol and of acute inflammation on the plasma concentration of rat alpha 1-acid glycoprotein and on the induction of its hepatic mRNA. Diarra-Mehrpour M, et al. **Biochem J** 1985 Feb 1;225(3):681–7

Catabolism and lability of S-adenosyl-L-methionine in rat liver extracts. Eloranta TO, et al. **Biochem J** 1984 Nov 15;224(1):137–44

Characterization of plasma-membrane glycoproteins from functional domains of the rat hepatocyte. Enrich C, et al. **Biochem J** 1985 Apr 15;227(2):565-72

A procedure for the rapid isolation from rat liver of plasma membrane vesicles exhibiting Ca2+-transport and Ca2+-ATPase activities. Epping RJ, et al. **Biochem J** 1984 Nov 1;223(3):733-45

Metabolism of the lipid peroxidation product 4-hydroxynonenal by isolated hepatocytes and by liver cytosolic fractions. Esterbauer H, et al. **Biochem J** 1985 Jun 1;228(2):363-73

Drug-induced accumulation of uroporphyrin in chicken hepatocyte cultures. Structural requirements for the effect and role of exogenous iron. Ferioli A, et al. **Biochem J** 1984 Dec 15;224(3):769-77

Effects of phorbol esters on alpha 1-adrenergic-mediated and glucagon-mediated actions in isolated rat hepatocytes. García-Sáinz JA, et al. **Biochem J** 1985 May 15;228(1):277-80

Effect of ethanol on lipid metabolism in cultured hepatocytes. Grunnet N, et al. **Biochem J** 1985 Jun 15;228(3):673-81

Endocytosis of beta-adrenergic ligands by rat liver. Comparison of beta-adrenergic receptor and adenylate cyclase distribution in endosome and plasma-membrane fractions. Hadjiivanova N, et al. **Biochem J** 1984 Sep 15;222(3):749-54

Quantitative role of parenchymal and non-parenchymal liver cells in the uptake of [14C]sucrose-labelled low-density lipoprotein in vivo. Harkes L, et al. **Biochem J** 1984 Nov 15;224(1):21-7

[14C]bicarbonate fixation into glucose and other metabolites in the liver of the starved rat under halothane anaesthesia. Metabolic channelling of mitochondrial oxaloacetate. Heath DF, et al. **Biochem J** 1985 May 1;227(3):851-65

Insulin inhibits the cholera-toxin-catalysed ribosylation of a Mr-25000 protein in rat liver plasma membranes. Heyworth CM, et al. **Biochem J** 1985 Jun 15;228(3):593-603

Difference in glucose sensitivity of liver glycolysis and glycogen synthesis. Relationship between lactate production and fructose 2,6-bisphosphate concentration. Hue L, et al. **Biochem J** 1984 Dec 15;224(3):779-86

Effect of inositol and tri-iodothyronine on the hormonal responsiveness of hepatocytes obtained from partially hepatectomized rats. Huerta-Bahena J, et al. **Biochem J** 1984 Nov 1;223(3):925-8

Phosphorylation status of liver by 31P-n.m.r. spectroscopy, and its implications for metabolic control. A comparison of 31P-n.m.r. spectroscopy (in vivo and in vitro) with chemical and enzymic determinations of ATP, ADP and Pi. Iles RA, et al. **Biochem J** 1985 Jul 1;229(1):141-51

Effect of glycyl-L-phenylalanine 2-naphthylamide on invertase endocytosed by rat liver. Jadot M, et al. **Biochem J** 1985 Feb 1;225(3):645-8

The acute-phase response of cultured rat hepatocytes. System characterization and the effect of human cytokines. Koj A, et al. **Biochem J** 1984 Dec 1;224(2):505-14

A comparison of the low-density-lipoprotein receptor from bovine adrenal cortex, rabbit and rat liver and adrenal glands by lipoprotein blotting. Kroon PA, et al. **Biochem J** 1984 Oct 15;223(2):329-35

Transcytosis and paracellular movements of horseradish peroxidase across liver parenchymal tissue from blood to bile. Effects of alpha-naphthylisothiocyanate and colchicine. Lowe PJ, et al. **Biochem J** 1985 Jul 15;229(2):529-37

Studies on the metabolism of rat liver copper-metallothionein. Mehra RK, et al. **Biochem J** 1985 May 1;227(3):903-8

Participation of cellular thiol/disulphide groups in the uptake, degradation and bioactivity of insulin in primary cultures of rat hepatocytes. Morgan MS, et al. **Biochem J** 1985 Jan 15;225(2):349-56

Mechanism of the inhibition of cholesterol biosynthesis by 6-fluoromevalonate. Nave JF, et al. **Biochem J** 1985 Apr 1;227(1):247-54

Degradation of endocytosed insulin in rat liver is mediated by low-density vesicles. Pease RJ, et al. **Biochem J** 1985 May 15;228(1):137-46

The mechanism of guanosine triphosphate depletion in the liver after a fructose load. The role of fructokinase. Phillips MI, et al. **Biochem J** 1985 Jun 15;228(3):667-71

Characterization and metabolic regulation of a liver-specific 5.4-kilobase mRNA whose synthesis is transcriptionally induced by carbohydrates and repressed by glucagon and cyclic AMP. Pichard AL, et al. **Biochem J** 1985 Mar 15;226(3):637-44

Separation and characterization of the aldehydic products of lipid peroxidation stimulated by carbon tetrachloride or ADP-iron in isolated rat hepatocytes and rat liver microsomal suspensions. Poli G, et al. **Biochem J** 1985 Apr 15;227(2):629-38

Digitonin perfusion of rat liver. A new approach in the study of intra-acinar and intracellular compartmentation in the liver. Quistorff B, et al. **Biochem J** 1985 Feb 15;226(1):289-97

Gluconeogenesis in periportal and perivenous hepatocytes of rat liver, isolated by a new high-yield digitonin/collagenase perfusion technique. Quistorff B. **Biochem J** 1985 Jul 1;229(1):221-6

Quantitative analysis of intermediary metabolism in hepatocytes incubated in the presence and absence of glucagon with a substrate mixture containing glucose, ribose, fructose, alanine and acetate. Rabkin M, et al. **Biochem J** 1985 Feb 1;225(3):761-86

Turnover of messenger RNA, apoprotein and haem of cytochrome P-450b + e induced by phenobarbitone in rat liver. Ravishankar H, et al. **Biochem J** 1985 Jul 1;229(1):73-9

The role of calcium ions in the mechanism of action of alpha-adrenergic agonists in rat liver. Reinhart PH, et al. **Biochem J** 1984 Oct 1;223(1):1-13 (109 ref.)

Binding in vitro to rat liver receptors does not correlate with activities in vivo of bovine somatotropin. Use of chemically modified derivatives as probes. Roguin LP, et al. **Biochem J** 1984 Dec 1;224(2):535-40

The effects of monensin on secretion of very-low-density lipoprotein and metabolism of asialofetuin by cultured rat hepatocytes. Rustan AC, et al. **Biochem J** 1985 Apr 15;227(2):529-36

Hepatic endosome fractions contain an ATP-driven proton pump. Saermark T, et al. **Biochem J** 1985 Jan 1;225(1):51-8

Leucine and tryptophan metabolism in rats. Salter M, et al. **Biochem J** 1985 Jan 15;225(2):277-81

The effect of experimental diabetes on phenylalanine metabolism in isolated liver cells. Santana MA, et al. **Biochem J** 1985 Apr 1;227(1):169-75

Effect of dexamethasone on the synthesis of dolichol-linked saccharides and glycoproteins in hepatocytes prepared from control and inflamed rats. Sarkar M, et al. **Biochem J** 1985 Apr 15;227(2):675-82

Rapid thyroid-hormone effect on mitochondrial and cytosolic ATP/ADP ratios in the intact liver cell. Seitz HJ, et al. **Biochem J** 1985 Apr 1;227(1):149-53

Hepatic thiol and glutathione efflux under the influence of vasopressin, phenylephrine and adrenaline. Sies H, et al. **Biochem J** 1985 Mar 1;226(2):545-9

Studies in vivo and in vitro on the uptake and degradation of soluble collagen alpha 1(I) chains in rat liver endothelial and Kupffer cells. Smedsrød B, et al. **Biochem J** 1985 Jun 1;228(2):415-24

Endocytosis and degradation of chondroitin sulphate by liver endothelial cells. Smedsrød B, et al. **Biochem J** 1985 Jul 1;229(1):63-71

Studies in vitro on the uptake and degradation of sodium hyaluronate in rat liver endothelial cells. Smedsrød B, et al. **Biochem J** 1984 Nov 1;223(3):617-26

Increased loss and decreased synthesis of hepatic glutathione after acute ethanol administration. Turnover studies. Speisky H, et al. **Biochem J** 1985 Feb 1;225(3):565-72

The metabolism of L-phenylalanine and L-tyrosine by liver cells isolated from adrenalectomized rats and from streptozotocin-diabetic rats. Stanley JC, et al. **Biochem J** 1985 May 15;228(1):249-55

Two mechanisms produce tissue-specific inhibition of fatty acid oxidation by oxfenicine. Stephens TW, et al. **Biochem J** 1985 Apr 15;227(2):651-60

The effect of ethanol, alone and in combination with the glucocorticoids and insulin, on glucose-6-phosphate dehydrogenase synthesis and mRNA in primary cultures of hepatocytes. Stumpo DJ, et al. **Biochem J** 1985 Feb 15;226(1):123-30

Uptake of mannose-terminated glycoproteins in isolated rat liver cells. Evidence for receptor-mediated endocytosis in hepatocytes. Tolleshaug H, et al. **Biochem J** 1984 Oct 1;223(1):151-60

N-Acetylglutamate in rat liver during foetal development. Van Dijk M, et al. **Biochem J** 1984 Sep 15;222(3):837-8

Hepatic antioxidant-sensitive respiration. Effect of ethanol, iron and mitochondrial uncoupling. Videla LA. **Biochem J** 1984 Nov 1;223(3):885-91

Changes in oxygen consumption induced by t-butyl hydroperoxide in perfused rat liver. Effect of free-radical scavengers. Videla LA, et al. **Biochem J** 1984 Nov 1;223(3):879-83

Induction of metallothionein mRNA in rat liver and kidney after copper chloride injection. Wake SA, et al. **Biochem J** 1985 Jun 1;228(2):425-32

Specific changes in the protein composition of rat liver in response to the peroxisome proliferators ciprofibrate, Wy-14,643 and di-(2-ethylhexyl)phthalate. Watanabe T, et al. **Biochem J** 1985 May 1;227(3):767-75

Evidence that the stimulation of lipogenesis in the mammary glands of starved lactating rats re-fed with a chow diet is dependent on continued hepatic gluconeogenesis during the absorptive period. Effects of a gluconeogenic inhibitory, mercaptopicolinic acid, in vivo. Williamson DH, et al. **Biochem J** 1985 Jun 15;228(3):727-33

Evidence that non-covalent forces, thiol and disulphide groups affect the structure and binding properties of the prolactin receptor on hepatocytes from pregnant rats. Yamada K, et al. **Biochem J** 1985 Jun 1;228(2):383-90

Opposite changes with age in liver and muscle in the mitochondrial and soluble glucose-1,6-bisphosphate and 6-phosphogluconate dehydrogenase. Beitner R, et al. **Biochem Med** 1984 Aug;32(1):57-66

Effects of 2[5(4-chlorphenyl)pentyl]oxirane-2-carboxylate on fatty acid synthesis and fatty acid oxidation in isolated rat hepatocytes. Agius L, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2651-4

Excretion process of copper from copper pre-loaded rat liver parenchymal cells. Aoki Y, et al. **Biochem Pharmacol** 1985 May 15;34(10):1713-6

Effects of antimicrotubule agents on phospholipid metabolism in rat hepatic subcellular membranes. Azhar S, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3153-9

Heme metabolism in liver and spleen of 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU)-treated rats. el-Azhary RA, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3171-5

Iron chelation by pyridoxal isonicotinoyl hydrazone and analogues in hepatocytes in culture. Baker E, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3011-7

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations—I. Metabolite formation and irreversible binding to cellular macromolecules. Brueggemeier RW, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3853-9

The disposition of pyrimethamine in the isolated perfused rat liver. Coleman MD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2193-7

Inhibition of p-nitroanisole O-demethylation in perfused rat liver by oleate. Danis M, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):609-16

Secretion of the organic anion harmol sulfate from liver into blood. Evidence for a carrier-mediated mechanism. de Vries MH, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2129-35

Effect of nitroheterocyclic drugs on lipid peroxidation and glutathione content in rat liver extracts. Dubin M, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3419-23

The effect of cimetidine and ranitidine on paracetamol glucuronidation and sulphation in cultured rat hepatocytes. Emery S, et al. **Biochem Pharmacol** 1985 May 1;34(9):1415-21

Effects of D,L-4-fluoroglutamic acid on glutamylation of methotrexate by hepatic cells in vitro. Galivan J, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2995-7

Effect of ethanol metabolism on initiation of protein synthesis in rat hepatocytes. Harbitz I, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3465-70

Effects of disulfiram on the oxidation of benzaldehyde and acetaldehyde in rat liver. Hellström-Lindahl E, et al. **Biochem Pharmacol** 1985 May 1;34(9):1529-35

Reduced hepatic uptake of propranolol in rats with acute renal failure. Hori R, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2679-83

Enhancement of peroxisomal beta-oxidation in the liver of rats and mice treated with valproic acid. Horie S, et al. **Biochem Pharmacol** 1985 May 1;34(9):1357-62

Difference in hepatic uptake kinetics of aspirin and salicylamide in rats. Iwamoto K, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3089-95

Hepatic extraction of chenodeoxycholic acid in dogs chronically intoxicated with dimethylnitrosamine. Kawasaki S, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3219-24

Current models of hepatic pharmacokinetics: flow effects on kinetic constants of ethanol elimination in perfused rat liver. Keiding S, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3209-12

Effects of mitomycin C on metabolism in a rat liver preparation. Kimpel DL, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3479-84

Studies on the biliary efflux of GSH from rat liver due to the metabolism of aminopyrine. Krieter PA, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):955-60

Effects of calcium channel blocking agents on membrane microviscosity and calcium in the liver of the carbon tetrachloride treated rat. Landon EJ, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3553-60

In vivo production of ethylene from 2-keto-4-methylthiobutyrate in mice. Lawrence GD, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3231-6

Effect of depletion of cellular glutathione on methotrexate influx, efflux and retention in hepatocytes. Leszczyńska-Bisswanger A, et al. **Biochem Pharmacol** 1985 May 15;34(10):1627-34

Diurnal variation of methotrexate transport and accumulation in hepatocytes—a consequence of variations in cellular glutathione. Leszczyńska-Bisswanger A, et al. **Biochem Pharmacol** 1985 May 15;34(10):1635-8

The dependence of biliary methylmercury secretion on liver GSH and ligandin. Magos L, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):301-5

Effects of 1,2-dibromoethane on glutathione metabolism in rat liver and kidney. Mann AM, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2827-30

The effects of primaquine stereoisomers and metabolites on drug metabolism in the isolated perfused rat liver and in vitro rat liver microsomes. Mihaly GW, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):331-6

Factors influencing drug sulfate and glucuronic acid conjugation rates in isolated rat hepatocytes: significance of preincubation time. Mizuma T, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2573-5

Glucuronidation and sulfation in the rat in vivo. The role of the liver and the intestine in the in vivo clearance of 4-methylumbelliferone. Mulder GJ, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1325-9

Extrahepatic sulfation and glucuronidation in the rat in vivo. Determination of the hepatic extraction ratio of harmol and the extrahepatic contribution to harmol conjugation. Mulder GJ, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3081-7

Concepts of heme distribution within hepatocytes. Muller-Eberhard U, et al. **Biochem Pharmacol** 1985 Mar

15;34(6):719-25 (98 ref.)

In vitro formation of codeinone from codeine by rat or guinea pig liver homogenate and its acute toxicity in mice. Nagamatsu K, et al. **Biochem Pharmacol** 1985 Sep 1; 34(17):3143-6

Anthranilic acid metabolism in the isolated perfused rat liver: detection and determination of anthranilic acid and its related substances using high-performance liquid chromatography with electrochemical detection. Naito J, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3195-200

Hepatic uptake and biliary excretion of organic cations--II. The influence of ion pair formation. Neef C, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3991-4002

Hepatic uptake and biliary excretion of organic cations--I. Characterization of three new model compounds. Neef C, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3977-90

Effect of 4-(4'-chlorobenzyloxy)benzyl nicotinate (KCD-232) on cholesterol metabolism in rats. Okada K, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3361-7

The application of hepatocyte culture to the identification of pathways of drug metabolism: studies with pindolol and fluperlapine. Paine AJ, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3111-4

Inhibition by chlorpromazine of thyroxine modulation of flavin metabolism in liver, cerebrum and cerebellum. Pinto J, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):93-5

Effect of benzo[a]pyrene on DNA synthesis and DNA polymerase activity of rat liver nuclei. Salazar I, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):755-62

Effects of sodium 2-[5-(4-chlorophenyl)pentyl]-oxirane-2-carboxylate (POCA) on carbohydrate and fatty acid metabolism in liver and muscle. Schudt C, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3357-62

1-Naphthol conjugation in isolated cells from liver, jejunum, ileum, colon and kidney of the guinea pig. Schwenk M, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):697-701

Levels of S-adenosylmethionine and S-adenosylethionine in four different tissues of male weanling rats during subchronic feeding of DL-ethionine. Shivapurkar N, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):373-5

Different effects of acute and chronic diabetes mellitus on hepatic drug metabolism in the rat. Skett P, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):287-9

Effect of triiodothyronine on alcohol dehydrogenase and aldehyde dehydrogenase activities in rat liver. Implications for the control of ethanol metabolism. Smith MM, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2291-6

The influence of cellular ATP levels on receptor-mediated endocytosis and degradation of asialo-glycoproteins in suspended hepatocytes. Tolleshaug H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1639-45

Benzo[a]pyrene metabolism in mouse liver. Association of both 7,8-epoxidation and covalent binding of a metabolite of the 7,8-diol with the Ah locus. Van Cantfort J, et al. **Biochem Pharmacol** 1985 May 15;34(10):1821-6

Contribution of non-ADH pathways to ethanol oxidation in hepatocytes from fed and hyperthyroid rats. Effect of fructose and xylitol. Vind C, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):655-61

Effect of hypoxia on oxidative and reductive pathways of omeprazole metabolism by the isolated perfused rat liver. Webster LK, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1239-45

Influence of red blood cells, serum albumin, and serum lipoproteins on the clearance of benzo[alpha]pyrene by isolated livers of 3-methylcholanthrene-treated rats. Wiersma DA, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3433-8

Heterogeneous distribution of drug metabolism in elutriated rat hepatocytes. Willson RA, et al. **Biochem Pharmacol** 1985 May 1;34(9):1463-70

Hepatic extraction of endogenous inhibitors of drug binding to serum protein in the pregnant rat. Yoshikawa T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2733-9

Disturbances of fetal liver carbohydrate metabolism and perinatal glucose homeostasis. Cuezva JM, et al. **Biochem Soc Trans** 1985 Feb;13(1):83-5

Applications of spin-trapping to biological systems. Green MJ, et al. **Biochem Soc Trans** 1985 Jun;13(3):600-3

Biosynthesis of rat alpha 2-macroglobulin. Northemann W, et al. **Biochem Soc Trans** 1985 Apr;13(2):285-8

On the question of stable activation by glucagon of mitochondrial functions. Siess EA, et al. **Biochem Soc Trans** 1985 Aug;13(4):657-9

Ketogenesis in the living rat followed by 13C NMR spectroscopy. Cross TA, et al. **Biochemistry** 1984 Dec 18; 23(26):6398-402

Fluorescence of delta 5,7,9(11),22-ergostatetraen-3 beta-ol in micelles, sterol carrier protein complexes, and plasma membranes. Fischer RT, et al. **Biochemistry** 1985 Jun 18; 24(13):3322-31

Different modes of ligand binding to the hepatic galactose/N-acetylgalactosamine lectin on the surface of rabbit hepatocytes. Hardy MR, et al. **Biochemistry** 1985 Jan 1;24(1):22-8

Binding and endocytosis of glycoproteins by isolated chicken hepatocytes. Kuhlenschmidt TB, et al. **Biochemistry** 1984 Dec 18;23(26):6437-44

Specificity of chicken liver carbohydrate binding protein. Kuhlenschmidt TB, et al. **Biochemistry** 1984 Jul 31; 23(16):3569-75

New synthetic cluster ligands for galactose/N-acetylgalactosamine-specific lectin of mammalian liver. Lee RT, et al. **Biochemistry** 1984 Aug 28;23(18):4255-61

Subcellular distribution of bile acids, bile salts, and taurocholate binding sites in rat liver. Simion FA, et al. **Biochemistry** 1984 Dec 18;23(26):6459-66

Human serum amyloid A (SAA): biosynthesis and postsynthetic processing of preSAA and structural variants defined by complementary DNA. Sipe JD, et al. **Biochemistry** 1985 Jun 4;24(12):2931-6

Lamprey fibrinogen gamma chain: cloning, cDNA sequencing, and general characterization. Strong DD, et al. **Biochemistry** 1985 Jan 1;24(1):92-101

Interaction of rat liver glucocorticoid receptor with heparin. Weisz A, et al. **Biochemistry** 1984 Nov 6;23(23):5393-7

Effect of insulin on ketogenesis and fatty acid synthesis in rat hepatocytes incubated with dichloroacetate. Agius L, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):393-9

Release of rRNA from liver nuclei during the early stages of the acute-phase reaction. Aletti MG, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):179-82

Reduction of 7-ketolithocholic acid to chenodeoxycholic acid by rat liver preparations in vitro. Amuro Y, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):229-31

Regulation of protein phosphorylation by polyamines in hepatocytes. Auberger P, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):461-9

The hepatic response to Ca2+ is inhibited by Mg2+ and enhanced by phenylephrine or ouabain. Becker J, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):352-8

Triiodothyronine nuclear receptor and the role of non-histone protein factors in in vitro triiodothyronine binding. Bismuth J, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):271-9

The biosynthesis of phosphatidylserine and phosphatidylethanolamine from L-[3-14C]serine in isolated rat hepatocytes. Bjerve KS. **Biochim Biophys Acta** 1985 Mar 6;833(3):396-405

Mechanism of peroxisomal 24-hydroxylation of 3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholestanoic acid in rat liver. Björkhem I, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):142-5

The use of 36Cl- to measure cell plasma membrane potential in isolated hepatocytes--effects of cyclic AMP and bicarbonate ions. Bradford NM, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):10-6

Effect of nucleotides on translocation of sugar nucleotides and adenosine 3'-phosphate 5'-phosphosulfate into Golgi apparatus vesicles. Capasso JM, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):133-9

Characterization of high-density lipoprotein binding sites in rat liver and testis membranes. Chacko GK. **Biochim Biophys Acta** 1984 Sep 12;795(2):417-26

Diacytosis of 125I-asialoorosomucoid by rat hepatocytes. A non-lysosomal pathway insensitive to inhibition by inhibitors of ligand degradation. Chang TM, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):268-76

Protein-diet-induced elevation of 5-phosphoribosyl 1-diphosphate concentrations in mouse liver associated with increased syntheses of various nucleotides and the possible involvement of glucagon. Chikenji T, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):274-81

Intracellular fate of liposome-encapsulated DNA in mouse liver. Analysis using electron microscope autoradiography and subcellular fractionation. Cudd A, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):477-91

Endocrine-mediated parallel changes in hepatic glucocorticoid and prolactin receptors. Dave JR, et al. **Biochim Biophys Acta** 1985 May 30;845(2):276-82

Modulation of prolactin binding sites in vitro by membrane fluidizers. Effects on male prostatic and female hepatic membranes in alcohol-fed rats. Dave JR, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):313-20

The plasma clearance of human alpha 2-macroglobulin-trypsin complex in the rat is mainly accounted for by uptake into hepatocytes. Davidsen O, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):85-92

Interleukin 1-like factors can accumulate 5-hydroxytryptamine in the liver of mice and can induce hypoglycaemia. Endo Y, et al. **Biochim Biophys Acta** 1985 May 29;840(1):37-42

Propionate transport in rat liver cells. Fafournoux P, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):73-80

Characterisation of rat hepatocyte monolayers for investigation of the metabolism of bile salts. Ford RP, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):185-91

Inactivation of unbound rat liver glucocorticoid receptor by N-alkylmaleimides at sub-zero temperatures. Formstecher P, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):306-13

Kinetics of prostaglandin E metabolism in isolated hepatocytes. Garrity MJ, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):136-41

Ascorbic acid regulation of 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and cholesterol synthesis in guinea pig liver. Greene YJ, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):134-8

Flow cytofluorometric investigation of the uptake by hepatocytes and spleen cells of targeted and untargeted liposomes injected intravenously into mice. Grosse E, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):354-61

Uptake and degradation of human very-low-density lipoproteins by rat liver endothelial cells in culture. Gustafson S, et al. **Biochim Biophys Acta** 1985 May 17; 834(3):308-15

Effect of dietary fats on arachidonic acid and eicosapentaenoic acid biosynthesis and conversion to C22 fatty acids in isolated rat liver cells. Hagve TA, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):205-17

Synthesis and characterisation of an iodinated bile-salt derivative for photoaffinity labelling. Henderson CJ, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):257-64

The effect of bezafibrate and long-chain fatty acids on peroxisomal activities in cultured rat hepatocytes. Hertz R, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):192-200

Changes in the sequence content of albumin mRNA and in its translational activity in the rat liver with age. Horbach GJ, et al. **Biochim Biophys Acta** 1984 Oct 5;783(1):60-6

Nicotinamide methylation and its relation to NAD synthesis in rat liver tissue culture. Biochemical basis for the physiological activities of 1-methylnicotinamide. Hoshino J, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):250-8

Transhepatic transport of taurocholic acid in normal and mutant analbuminemic rats. Inoue M, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):211-6

Cell density dependent uptake of LDL in cultured rat hepatocytes. Jensen E, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):279-83

Modification by clofibric acid of acyl composition of glycerolipids in rat liver. Possible involvement of fatty acid chain elongation and desaturation. Kawashima Y, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):543-51

Prolactin uptake into liver endocytic components. Reduced sensitivity to chloroquine. Khan RJ, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):77-83

Endothelial binding of transferrin in fractionated liver cell suspensions. Kishimoto T, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):14-20

2',3'-Dideoxy-3'-aminonucleoside 5'-triphosphates inhibit the repair of DNA in rat liver chromatin. Krayevsky A, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):216-20

Investigations into the direct effects of insulin on hepatic ketogenesis, lipoprotein secretion and pyruvate dehydrogenase activity. Laker ME, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):427-30

Uptake of rat plasma HDL subfractions labeled with [3H]cholesteryl linoleyl ether or with 125I by cultured rat hepatocytes and adrenal cells. Leitersdorf E, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):72-82

Effect of D-galactosamine in vitro on [U-14C]palmitate oxidation, triacylglycerol synthesis and secretion in isolated hepatocytes. Mangeney M, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):119-27

Lipoprotein synthesis and secretion by cultured rat hepatocytes. Parallel inhibition of secretion of VLDL, HDL and albumin by monensin. Melin B, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):574-88

Effect of t-butyl hydroperoxide on liver microsomal membranes and microsomal calcium sequestration. Moore L. **Biochim Biophys Acta** 1984 Nov 7;777(2):216-20

Preparation and properties of an improved cell-free protein synthesis system from mammalian liver. Morley SJ, et al. **Biochim Biophys Acta** 1985 May 24;825(1):45-56

In vitro conversion of phytol to phytanic acid in rat liver: subcellular distribution of activity and chemical characterization of intermediates using a new bromination technique. Muralidharan FN, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):36-40

Transport of 2-oxoisocaproate in isolated hepatocytes and liver mitochondria. Nalecz KA, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):1-11

Comparison of very-low-density lipoproteins isolated from rat liver perfusate, rat serum and human plasma as acceptors for cholesteryl ester transfer. Noël SP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):277-84

Biosynthesis of sterols and bile acids in rat liver epithelial cell lines. Padieu P, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):245-61

Transport functions of the liver. Lack of correlation between hepatocellular ouabain uptake and binding to (Na+ + K+)-ATPase. Petzinger E, et al. **Biochim Biophys Acta** 1985 May 28;815(3):334-40

Nitrobenzylthioinosine-sensitive and -resistant nucleoside transport in normal and transformed rat cells. Plagemann PG, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):387-95

Inflammation-induced increases in dolichol synthesis and hydroxymethylglutaryl-coenzyme A reductase activity in mouse liver are prevented by a high-cholesterol diet but not by fasting. Potter JE. **Biochim Biophys Acta** 1984 Dec 6;796(3):393-6

Effects of hormones and pyruvate on the rates of secretion of very-low-density lipoprotein triacylglycerol and cholesterol by rat hepatocytes. Pullinger CR, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):44-51

Stimulation of fibrinogen synthesis in cultured rat hepatocytes by fibrinogen fragment E. Qureshi GD, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):288-95

Effect of administration of 2-methyl-4-dimethylaminoazobenzene on the half-lives of rat liver mitochondria and cytochrome oxidase. Saikumar P, et al. **Biochim Biophys Acta** 1985 May 29;840(1):127-33

Release of carnitine from the perfused rat liver. Sandor A, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):83-91

Regulation of the degree of coupling of oxidative phosphorylation in intact rat liver. Soboll S, et al. **Biochim Biophys Acta** 1985 May 31;807(3):245-54

Association of alpha 2-macroglobulin-thrombin and alpha 2-macroglobulin-plasmin complexes with isolated hepatocytes. Spolarics Z, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):389-95

The role of multiply phosphorylated S6 in ribosome degradation. Stefanović D, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):234-45

Effect of thyroid hormone on intracellular Ca2+ mobilization by noradrenaline and vasopressin in relation to glycogenolysis in rat liver. Storm H, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):275-85

Comparison of binding of thyroid hormone analogues to hepatic organic anion binding proteins. Sugiyama Y, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):184-8

In vitro DNA replication in association with the nuclear matrix of permeable mammalian cells. Van der Velden HM, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):429-36

The synthesis and esterification of cholesterol by hepatocytes and H35 hepatoma cells are independent of the level of nonspecific lipid transfer protein. van Heusden GP, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):21-5

Hepatic and extrahepatic uptake of intravenously injected lipoprotein lipase. Wallinder L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):513-24

The inhibitory effect of choline and other quaternary ammonium compounds on thiamine transport in isolated rat hepatocytes. Yoshioka K, et al. **Biochim Biophys Acta** 1985 May 28;815(3):499-504

Some properties of the thiamine uptake system in isolated rat hepatocytes. Yoshioka K. **Biochim Biophys Acta** 1984 Nov 21;778(1):201-9

Effect of lithocholic acid on cholesterol synthesis and transport in the rat liver. Yousef IM, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):336-44

Lithocholic acid-cholesterol interactions in rat liver plasma membrane fractions. Yousef IM, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):345-53

Reciprocal effects of energy utilization on palmitate oxidation and esterification in hepatocytes of fed rats. Zaleski J, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):134-42

The liver is an organ site for the release of inosine metabolized by non-glycolytic pig red cells. Zeidler RB, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):321-8

Cyclosporin A protects liver cells against phalloidin. Potent inhibition of the inward transport of cholate and phallotoxins. Ziegler K, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):174-80

Ferritin in liver, plasma and bile of the iron-loaded rat. Zuyderhoudt FM, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):381-6

Resolution of the molecular forms of rat liver glucocorticoid receptor by affinity chromatography on immobilized heparin. Blanchardie P, et al. **Biochimie** 1984 Jun;66(6):505-11

In vivo interaction between mouse liver lysosomes and chloroquine. Colombo MI, et al. **Biol Cell** 1985;54(1):73-7

Some biochemical observations on gluconeogenesis from propionate in hepatocytes isolated from normal and biotin-deficients rats. Djabal A, et al. **Biol Cell** 1985;53(1):81-4

Inhibition of the endocytic pathway for asialoglycoprotein catabolism. Harford J, et al. **Biol Cell** 1984;51(2):173-9

Influence of lysine on urea cycle activity and orotate formation in the isolated perfused rat liver. de Vrese M, et al. **Biol Chem Hoppe Seyler** 1985 May;366(5):455-61

Glutamine metabolism in isolated perfused rat liver. The transamination pathway. Häussinger D, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):527-36

Synthesis and processing of human serum apolipoprotein AII in vitro and in Hep G2 cells. Stoffel W, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):173-9

Uptake of taurocholate by freshly isolated hepatocytes from fetal and newborn rabbits. Bhat R, et al. **Biol Neonate** 1985;47(2):99-106

Separate effects of fatty acid oxidation and glucagon on gluconeogenesis in isolated hepatocytes from newborn pigs. Duee PH, et al. **Biol Neonate** 1985;47(2):77-83

Retention and biliary excretion of poly-alpha, beta-[N(2-hydroxyethyl)-D,L-aspartamide] (PHEA) and its tyramine derivative (PHEA-Tyr) by isolated perfused rat liver. The role of molecular weight and chemical structure. Rypáček F, et al. **Biomaterials** 1985 May;6(3):203-7

Construction and partial characterization of a human liver cDNA library. Coutelle C, et al. **Biomed Biochim Acta** 1985;44(3):421-31

Application of control analysis in studies of regulation of intermediary metabolism. Groen AK, et al. **Biomed Biochim Acta** 1985;44(6):943-52

On the structure of native small ribosomal subunits and initiation factor eIF-3 isolated from rat liver. Lutsch G, et al. **Biomed Biochim Acta** 1985;44(2):K1-7

Negative correlation of eicosapentaenoic acid and lipid accumulation in hepatocytes of diabetics. Singer P, et al. **Biomed Biochim Acta** 1984;43(8-9):S438-42

Fast atom bombardment and collisional activation mass spectrometry of retinyl phosphate mannose synthesized by liver membranes. Clifford AJ, et al. **Biomed Mass Spectrom** 1985 May;12(5):221-7

Liver function and medroxyprogesterone acetate elimination in man. Rautio A. **Biomed Pharmacother** 1984;38(4):199-204

Estimation of a derivative by a difference quotient: its application to hepatocyte lactate metabolism. James AT, et al. **Biometrics** 1985 Jun;41(2):467-76

A model describing the disposition of phenytoin in isolated rat hepatocytes. Morais JA, et al. **Biopharm Drug Dispos** 1984 Oct-Dec;5(4):357-76

Valproic acid and active unsaturated metabolite (2-en): transfer to mouse liver following human therapeutic doses. Nau H, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):1-8

Induction of metallothionein and metallothionein mRNA in rainbow-trout liver following cadmium treatment. Bonham K, et al. **Biosci Rep** 1984 Aug;4(8):633-42

The effect of streptozotocin-induced diabetes on hepatic hexose transport. Europe-Finner GN. **Biosci Rep** 1985 May;5(5):377-82

Hepatic hexose transport and the effect of N2-induced anoxia and KCN on this process. Europe-Finner GN. **Biosci Rep** 1984 Oct;4(10):843-9

The determination of flux through phenylalanine hydroxylase and homogentisate oxidase in isolated hepatocytes. Fisher MJ, et al. **Biosci Rep** 1984 Oct;4(10):835-41

Control of tissue carnitine contents: effects of partial hepatectomy and liver regeneration on carnitine concentrations in liver and extrahepatic tissues of the rat. French TJ, et al. **Biosci Rep** 1985 Jan;5(1):47-55

Factors affecting the metabolic control of cytosolic and lysosomal glycogen levels in the liver. Geddes R, et al. **Biosci Rep** 1985 Apr;5(4):315-20

The mechanism of inhibition of ureogenesis by acidosis. Monson JP, et al. **Biosci Rep** 1984 Oct;4(10):819-25

Studies of phosphorus metabolism by isolated nuclei. XII. Some fundamental properties of the incorporation of 32Pi into polyphosphate by rat liver nuclei. Penniall R, et al. **Biosci Rep** 1984 Nov;4(11):957-62

Diethylstilbestrol selectively modulates plasma coagulation protein synthesis by the perfused rat liver. Owens MR, et al. **Blood** 1985 Aug;66(2):402-6

Flavonoids and hepatic cyclic monophosphates in liver injury. Scevola D, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):77-82

Chemical carcinogenesis. I. Rat liver tRNA ethylation by ethionine. Kanduc D. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1269-72

Effects of hepatic uptake of vecuronium bromide and its putative metabolites on their neuromuscular blocking actions in the cat. Bencini AF, et al. **Br J Anaesth** 1985 Aug;57(8):789-95

Tissue extraction of amiodarone and N-desethylamiodarone in man after a single oral dose. Berdeaux A, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):759-63

Oral morphine in cancer patients: in vivo kinetics and in vitro hepatic glucuronidation. Säwe J, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):495-501

Drug metabolising activity of freshly isolated human hepatocytes. Tee LB, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):279-94

The effect of acute liver damage on circulating ferritin levels in vivo and in the isolated perfused rat liver. Mack U, et al. **Br J Exp Pathol** 1985 Apr;66(2):185-91

Pathogenesis of hepatic fibrosis in experimental iron overload. Weintraub LR, et al. **Br J Haematol** 1985 Feb;59(2):321-31

The mechanism of adenosine release from hypoxic rat liver cells. Belloni FL, et al. **Br J Pharmacol** 1985 Jun;85(2):441-6

Interactions between receptors that increase cytosolic calcium and cyclic AMP in guinea-pig liver cells. Cocks TM, et al. **Br J Pharmacol** 1984 Sep;83(1):281-91

Evidence that the accumulation of 5-hydroxytryptamine in the liver but not in the brain may cause the hypoglycaemia induced by 5-hydroxytryptophan. Endo Y. **Br J Pharmacol** 1985 Jul;85(3):591-8

Liver export proteins and trauma. Fleck A, et al. **Br Med Bull** 1985 Jul;41(3):265-73 (130 ref.)

Defects of metabolism of fatty acids in the sudden infant death syndrome. Howat AJ, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1771-3

Effect of the benzene fraction of petroleum on protein content in rat liver and kidney. Bong M, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):45-54

Lipid peroxidation in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):63-7

Studies on comparative decomposition rate by rat liver homogenate and on micronucleus test of nitrated polycyclic aromatic hydrocarbons. Ohe T. **Bull Environ Contam Toxicol** 1985 May;34(5):715-21

Metabolism of phosphoric acid triesters by rat liver homogenate. Sasaki K, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):281-8

Effects of burns on amino acid levels in rat plasma, liver and muscle. Karner J, et al. **Burns Incl Therm Inj** 1984 Dec;11(2):130-7

Acute metabolic acidosis stimulates 3H-25 hydroxyvitamin D production by the rachitic rat liver. Milne ML, et al. **Calcif Tissue Int** 1985 Jan;37(1):77-81

Production of somatomedin-like activity by human adult tumor-derived, transformed, and normal cell cultures and by cultured rat hepatocytes: effects of culture conditions and of epidermal growth factor (urogastrone). Atkison PR, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1343-50

An in vitro model to study lipolysis of rat hepatic very low density lipoprotein using cardiac lipoprotein lipase. Brissette L, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1076-80

Effects of erythropoietin on uridine metabolism in cell cultures of fetal calf liver. Congote LF. **Can J Biochem Cell Biol** 1984 Feb-Mar;62(2-3):143-9

Free-flow electrophoresis of the low-density structures that contain asialoglycoproteins in the rat liver. Debanne MT, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1051-8

Incorporation of glucose into glycogen in primary cultures of rat hepatocytes. Parniak M, et al. **Can J Biochem Cell Biol** 1985 May;63(5):333-40

Enzymatic sulfation of steroids. XIX. Cortisol sulfotransferase activity, glucocorticoid sulfotransferases, and tyrosine aminotransferase induction in chicken, gerbil, and hamster liver. Singer SS, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):23-32

Metallothionein synthesis and localization in relation to metal storage in rat liver during gestation. Templeton DM, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):16-22

1 alpha,25-Dihydroxyvitamin D3 enables regenerating liver cells to make functional ribonucleotide reductase subunits and replicate DNA in thyroparathyroidectomized rats. Youdale T, et al. **Can J Biochem Cell Biol** 1985 May;63(5):319-24

Interaction of prolactin (PRL) binding sites with PRL receptor antibodies in rat liver cells in suspension culture: effect of inhibitors of cellular functions. Ferland LH, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1429-33

Correlation between endogenous noradrenaline and glucose released from the liver upon hepatic sympathetic nerve stimulation in anesthetized dogs. Garceau D, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1086-91

Ah receptor in primate liver: binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and carcinogenic aromatic hydrocarbons. Okey AB, et al. **Can J Physiol Pharmacol** 1984 Oct;62(10):1292-5

Comparison of somatostatin-28 and somatostatin-14 clearance by the perfused rat liver. Seno M, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):62-7

Interrelationships and metabolic effects of fatty acids in the perfused rat liver at hyperthermic temperatures. Denor PF, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):9-22

Antipyrine metabolism in patients with disseminated testicular cancer and the influence of cytostatic treatment. Teunissen MW, et al. **Cancer Chemother Pharmacol** 1984;13(3):181-5

Oxidative metabolism of 7-methylbenz[a]anthracene, 12-methylbenz[a]anthracene and 7,12-dimethylbenz[a]anthracene by rat liver cytosol. Flesher JW, et al. **Cancer Lett** 1985 Feb;26(1):83-8

Effect of hypolipidemic peroxisome proliferators on unscheduled DNA synthesis in cultured hepatocytes and on mutagenesis in Salmonella. Glauert HP, et al. **Cancer Lett** 1984 Sep;24(2):147-56

Metabolic studies of 15N-labeled N-nitrosoproline in isolated rat hepatocytes and subcellular fractions. Koepke SR, et al. **Cancer Lett** 1985 Jul;27(3):277-83

Effect of butylated hydroxyanisole on in vivo and in vitro hepatic aflatoxin B1-DNA binding in rats. Lotlikar PD, et al. **Cancer Lett** 1984 Oct;24(3):241-50

Mutagenicity of five arylamines after metabolic activation with isolated dog and human hepatocytes. Neis JM, et al. **Cancer Lett** 1985 May;27(1):53-60

Lack of induction of sister chromatid exchanges and of mutation to 6-thioguanine resistance in V79 cells by butylated hydroxyanisole with and without activation by rat or hamster hepatocytes. Rogers CG, et al. **Cancer Lett** 1985 May;27(1):61-9

Rapid lipid peroxidation in the nuclear fraction of rat liver induced by a diet deficient in choline and methionine. Rushmore TH, et al. **Cancer Lett** 1984 Oct;24(3):251-5

Effects of vitamin E on liver DNA. Russo P, et al. **Cancer Lett** 1984 Dec;25(2):163-70

Dose-dependent persistence of alkylation-induced single stranded regions in rat liver DNA in vivo. Stewart BW, et al. **Cancer Lett** 1985 Aug;28(1):27-33

Effect of heterogeneity of carcinoembryonic antigen on liver cell membrane binding and its kinetics of removal from circulation. Byrn RA, et al. **Cancer Res** 1985 Jul;45(7):3137-42

Binding of chromium to chromatin and DNA from liver and kidney of rats treated with sodium dichromate and chromium(III) chloride in vivo. Cupo DY, et al. **Cancer Res** 1985 Mar;45(3):1146-51

Phosphorylation of specific rat plasma membrane proteins during promotion of gamma-glutamyl transpeptidase-positive hepatic foci and inhibition by di(2-ethylhexyl)phthalate. DeAngelo AB, et al. **Cancer Res** 1985 Jun;45(6):2654-60

Characteristics of the formation and membrane transport of 7-hydroxymethotrexate in freshly isolated rabbit hepatocytes. Fabre G, et al. **Cancer Res** 1985 Mar;45(3):1086-91

Effects of dimethylnitrosamine on RNA synthesis and metabolism in mouse liver. Garyfallides S, et al. **Cancer Res** 1984 Nov;44(11):5110-7

Quantitation of benzo(a)pyrene metabolite: DNA adducts in selected hepatic and pulmonary cell types isolated from [3H]benzo(a)pyrene-treated rabbits. Horton JK, et al. **Cancer Res** 1985 Aug;45(8):3477-81

Quantitative and qualitative characterization of aflatoxin B1 adducts formed in vivo within the ribosomal RNA genes of rat liver DNA. Irvin TR, et al. **Cancer Res** 1985 Aug; 45(8):3497-502

Effect of bile salts on rates of formation, accumulation, and export of mutagenic metabolites from benzo(a)pyrene produced by the perfused rat liver. Kari FW, et al. **Cancer Res** 1985 Apr;45(4):1621-7

Characterization of mutagenic glucuronide formation from benzo(a)pyrene in the nonrecirculating perfused rat liver. Kari FW, et al. **Cancer Res** 1984 Nov;44(11):5073-8

Effects of glutathione and ethylxanthate on mitomycin C activation by isolated rat hepatic or EMT6 mouse mammary tumor nuclei. Kennedy KA, et al. **Cancer Res** 1985 Sep;45(9):4071-6

First-pass metabolism of pentamethylmelamine in the rat liver. Klippert PJ, et al. **Cancer Res** 1985 Mar;45(3):983-6

Formation of glutathione conjugates by reactive metabolites of vinylidene chloride in microsomes and isolated hepatocytes. Liebler DC, et al. **Cancer Res** 1985 Jan; 45(1):186-93

Inhibition of DNA synthesis by chemical carcinogens in cultures of initiated and normal proliferating rat hepatocytes. Novicki DL, et al. **Cancer Res** 1985 Jan; 45(1):337-44

Modulation of repair of O6-methylguanine in parenchymal and nonparenchymal liver cells of rats treated with dimethylnitrosamine. Planche-Martel G, et al. **Cancer Res** 1985 Oct;45(10):4768-73

Effect of phenobarbital and other liver monooxygenase modifiers on dimethylnitrosamine-induced alkylation of rat liver macromolecules. Schwarz M, et al. **Cancer Res** 1985 May;45(5):2020-4

Evidence from rat hepatocytes of an unrecognized pathway of 5-fluorouracil metabolism with the formation of a glucuronide derivative. Sommadossi JP, et al. **Cancer Res** 1985 Jun;45(6):2450-5

Modulation of 5-fluorouracil catabolism in isolated rat hepatocytes with enhancement of 5-fluorouracil glucuronide formation. Sommadossi JP, et al. **Cancer Res** 1985 Jan;45(1):116-21

Further characterization of the DNA adducts formed by electrophilic esters of the hepatocarcinogens 1'-hydroxysafrole and 1'-hydroxyestragole in vitro and in mouse liver in vivo, including new adducts at C-8 and N-7 of guanine residues. Wiseman RW, et al. **Cancer Res** 1985 Jul;45(7):3096-105

Antisera specificities to beta-D-galactopyranoside cluster ligands. Makhlouf SE, et al. **Carbohydr Res** 1984 Sep 1; 132(1):93-103

Repair of O4-methyldeoxythymidine residues in DNA by mammalian liver extracts. Becker RA, et al. **Carcinogenesis** 1985 Feb;6(2):313-7

Unscheduled DNA synthesis caused by norethindrone and related contraceptive steroids in short-term male rat hepatocyte cultures. Blakey DC, et al. **Carcinogenesis** 1985 Aug;6(8):1201-5

Chlorinated ethylenes: their metabolism and effect on DNA repair in rat hepatocytes. Costa AK, et al. **Carcinogenesis** 1984 Dec;5(12):1629-36

Acetyl coenzyme A-dependent binding of carcinogenic and mutagenic dinitropyrenes to DNA. Djuric Z, et al. **Carcinogenesis** 1985 Jun;6(6):941-4

Comparison of the in vitro and in vivo hepatic metabolism of the carcinogen 1-nitropyrene. Howard PC, et al. **Carcinogenesis** 1985 Feb;6(2):243-9

Glutathione conjugation of the carcinogenic and mutagenic electrophile (+/-)-7 beta, 8 alpha-dihydroxy-9 alpha, 10 alpha-oxy-7,8,9,10-tetra hydrobenzo[a]pyrene catalyzed by purified rat liver glutathione transferases. Jernström B, et al. **Carcinogenesis** 1985 Jan;6(1):85-9

Substrate concentration dependency of N-nitrosodimethylamine and N-nitrosomethylbenzylamine metabolism in rat liver. Kawanishi T, et al. **Carcinogenesis** 1985 Jun;6(6):823-7

N-sulfoöxy-2-aminofluorene is the major ultimate electrophilic and carcinogenic metabolite of N-hydroxy-2-acetylaminofluorene in the livers of infant male C57BL/6J x C3H/HeJ F1 (B6C3F1) mice. Lai CC, et al. **Carcinogenesis** 1985 Jul;6(7):1037-45

Enhancement of cholesterol synthesis and pentose phosphate pathway activity in proliferating hepatocyte nodules. Ledda-Columbano GM, et al. **Carcinogenesis** 1985 Sep; 6(9):1371-3

Target organ-specific covalent DNA damage preceding diethylstilbestrol-induced carcinogenesis. Liehr JG, et al. **Carcinogenesis** 1985 Jul;6(7):1067-9

Potent anti-viral 5-(2-bromovinyl) uracil nucleosides are inactive at inducing gene mutations in Salmonella typhimurium and V79 Chinese hamster cells and unscheduled DNA synthesis in primary rat hepatocytes. Marquardt H, et al. **Carcinogenesis** 1985 Aug;6(8):1207-9

Metabolism of benzo[a]pyrene by cultured human hepatocytes from multiple donors. Moore CJ, et al. **Carcinogenesis** 1984 Dec;5(12):1577-82

Methapyrilene induces membrane lipid peroxidation of rat liver cells. Perera MI, et al. **Carcinogenesis** 1985 Jun; 6(6):925-7

32P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. II. Newborn male B6C3F1 mice. Phillips DH, et al. **Carcinogenesis** 1984 Dec; 5(12):1623-8

DNA adduct formation, removal and persistence in rat liver during one month of feeding 2-acetylaminofluorene. Poirier MC, et al. **Carcinogenesis** 1984 Dec;5(12):1591-6

32P-post-labelling analysis of DNA adducts formed in the livers of animals treated with safrole, estragole and other naturally-occurring alkenylbenzenes. I. Adult female CD-1 mice. Randerath K, et al. **Carcinogenesis** 1984 Dec; 5(12):1613-22

Differential repair of O4-alkylthymidine following exposure to methylating and ethylating hepatocarcinogens. Richardson FC, et al. **Carcinogenesis** 1985 Apr;6(4):625-9

Uptake and degradation of asialo-orosomucoid in hepatocytes from carcinogen-treated rats. Schwarze E, et al. **Carcinogenesis** 1985 May;6(5):777-82

Formation of O6-methylguanine in rat liver DNA by nitrosamines does not predict initiation of preneoplastic foci. Silinskas KC, et al. **Carcinogenesis** 1985 May; 6(5):773-5

Comparison of primary hepatocytes and S9 metabolic activation systems for the C3H-10T 1/2 cell transformation assay. Tu AS, et al. **Carcinogenesis** 1984 Nov;5(11):1431-6

Association between DNA strand breaks and specific DNA adducts in murine hepatocytes following in vivo and in vitro exposure to N-hydroxy-2-acetylaminofluorene and N-acetoxy-2-acetylaminofluorene. Vu VT, et al. **Carcinogenesis** 1985 Jan;6(1):45-52

Formation of DNA adducts in vivo in rat liver and intestinal epithelium after administration of the carcinogen 3,2'-dimethyl-4-aminobiphenyl and its hydroxamic acid. Westra JG, et al. **Carcinogenesis** 1985 Jan;6(1):37-44

Expression of class I genes in the major histocompatibility complex: identification of eight distinct mRNAs in DBA/2 mouse liver. Lalanne JL, et al. **Cell** 1985 Jun;41(2):469-78

Characterization of insulin uptake into subcellular fractions of perfused rat liver using two different iodinated tracers. Christensen JR, et al. **Cell Biochem Funct** 1985 Jan; 3(1):13-9

Quantitative and qualitative changes of plasma membrane glycoproteins in the early period of liver regeneration. Enrich C, et al. **Cell Biochem Funct** 1984 Oct;2(4):269-75

Cysteine uptake and taurine biosynthesis in freshly isolated and primary cultured rat hepatocytes. Tamura J, et al. **Cell Biochem Funct** 1984 Oct;2(4):195-200

All hepatocytes are involved in the expression of the albumin gene in the normal adult rat: a demonstration by in situ hybridization and immunoperoxidase techniques. Bernuau D, et al. **Cell Biol Int Rep** 1985 Jan;9(1):31-42

Heterogeneous participation of the hepatocyte population in amyloid protein AA synthesis. Shirahama T, et al. **Cell Biol Int Rep** 1984 Oct;8(10):849-56

Cellular origin of collagen and fibronectin in the liver. Clément B, et al. **Cell Mol Biol** 1984;30(5):489-96

Topology of asialoglycoprotein receptor in rat liver subcellular fractions: a ferritin immunoelectron microscopic study. Nakada H, et al. **Cell Struct Funct** 1984 Dec; 9(4):391-406

Stimulation of uridine phosphorylation in primary cultures of Xenopus laevis hepatocytes by estradiol-17 beta. Sato K, et al. **Cell Struct Funct** 1984 Jun;9(2):157-65

In-vivo endocytosis by bristle-coated pits and intracellular transport of endogenous albumin in the endothelium of the sinuses of liver and bone marrow. De Bruyn PP, et al. **Cell Tissue Res** 1985;240(1):1-7

Metabolism of methyl n-amyl ketone (2-heptanone) and its binding to DNA of rat liver in vivo and in vitro. Albro PW, et al. **Chem Biol Interact** 1984 Oct;51(3):295-308

In vitro interaction of 63-nickel(II) with chromatin and DNA from rat kidney and liver nuclei. Ciccarelli RB, et al. **Chem Biol Interact** 1985 Jan;52(3):347-60

Patterns of structural change in DNA during tissue necrosis indicated by benzoylated DEAE-cellulose chromatography. Haber M, et al. **Chem Biol Interact** 1985 May;53(3):247-55

Drug interactions in biotransformation of 1-phthalidyl 5-fluorouracil to 5-fluorouracil in rat liver. Hirata M, et al. **Chem Biol Interact** 1984 Dec;52(2):141-50

Induction and degradation of Zn-, Cu- and Cd-thionein in Chang liver cells. Kobayashi S, et al. **Chem Biol Interact** 1985 Jan;52(3):319-34

Saturation of repair system for O6-methylguanine in rat liver DNA by pretreatment with cyclic nitrosamines. Pegg AE, et al. **Chem Biol Interact** 1984 Oct;51(3):365-70

Decrease in the phosphorylation of the proteins associated with heterogeneous nuclear RNA after the application of 3'-methyl-4-dimethylaminoazobenzene. Ramagli LS, et al. **Chem Biol Interact** 1984 Nov;52(1):51-66

Hepatic macromolecular covalent binding of mononitrotoluenes in Fischer-344 rats. Rickert DE, et al. **Chem Biol Interact** 1984 Dec;52(2):131-9

Uptake, metabolism and mutagenic activity of aromatic glycidyl compounds. Seiler JP. **Chem Biol Interact** 1984 Oct;51(3):347-56

High-performance liquid chromatographic determination of 3-methylcytosine in deoxyribonucleic acid treated with carcinogenic methylating agents in vitro and in vivo. Kawasaki H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1170-4

Influence of microsomal and cytosolic fractions from the liver of 4 animal species and man on the mutagenicity of carcinogenic aminoazo dyes and nature of the mutagenicity-enhancing factor in the cytosol from rat liver. Mori Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep; 32(9):3641-50

Effect of sodium copper chlorophyllin on lipid peroxidation. VII. Effect of its administration on the stability of rat liver lysosomes. Sato M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2855-8

Hepatic drug clearance model: comparison among the distributed, parallel-tube and well-stirred models. Sawada Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):319-26

Role of peptide leukotrienes and their hepatobiliary elimination in endotoxin action. Hagmann W, et al. **Circ Shock** 1984;14(4):223-35

The presence of glycosylated, biologically active chorionic gonadotropin in human liver. Malkin A, et al. **Clin Biochem** 1985 Apr;18(2):75-7

Stimulation of 5-aminolevulinic acid metabolism by uroporphyrinogen I in rat liver homogenate. Shivji A, et al. **Clin Biochem** 1985 Apr;18(2):88-91

Changes in the expression of hepatocyte protein gene-products associated with adaptation of cells to primary culture. Colbert RA, et al. **Clin Chem** 1984 Dec; 30(12 Pt 1):2053-8

Determination of retinyl palmitate in homogenates and subcellular fractions of rat liver by liquid chromatography. Periquet B, et al. **Clin Chim Acta** 1985 Mar 30;147(1):41-9

Glycosphingolipid studies of visceral tissues and brain from type 1 Gaucher disease variants. Nilsson O, et al. **Clin Genet** 1985 May;27(5):443-50

Iron metabolism pathways in the rat hepatocyte. Morley CG, et al. **Clin Physiol Biochem** 1983;1(1):3-11

The behavior of transferrin receptors in rat hepatocyte plasma membranes. Morley CG, et al. **Clin Physiol Biochem** 1983;1(6):318-28

Measurement of changes in amino acids related to total collagen in fibrotic human liver. Perier C, et al. **Clin Physiol Biochem** 1984;2(6):279-86

The retention of cobalamin by the liver in the cobalamin-deficient rat. Owens JA, et al. **Clin Sci** 1985 May;68(5):553-60

A comparison of cobalamin binding by liver and kidney in rat and man. Scott JS, et al. **Clin Sci** 1985 Mar;68(3):357-64

Calcium binding to normal, regenerating and diabetic liver plasma membrane. Nassar CF, et al. **Comp Biochem Physiol [A]** 1984;78(4):829-32

Effect of insulin on glycogen metabolism in isolated catfish hepatocytes. Ottolenghi C, et al. **Comp Biochem Physiol [A]** 1984;78(4):705-10

The effect of insulin on amino acid metabolism and glycogen content in isolated liver cells of juvenile coho salmon, Oncorhynchus kisutch. Plisetskaya E, et al. **Comp Biochem Physiol [A]** 1984;78(4):773-8

Macromolecular relationships of liver nuclei and amino acid composition of total histones during bovine ontogeny. Valkonen KH, et al. **Comp Biochem Physiol [A]** 1984; 78(4):681-5

The effect of prolonged fasting on total lipid synthesis and enzyme activities in the liver of the European eel (Anguilla anguilla). Abraham S, et al. **Comp Biochem Physiol [B]** 1984;79(2):285-9

Use of bovine parathyroid hormone, labelled specifically in the N-terminal region by [3H]methyl exchange, to compare hepatic and renal metabolism of this hormone in the rat. Barling PM, et al. **Comp Biochem Physiol [B]** 1984; 79(3):435-40

The influence of fasting on chicken liver metabolites, enzymes and mitochondrial respiration. Bobyleva-Guarriero V, et al. **Comp Biochem Physiol [B]** 1984;78(3):627-32

Alterations in rat lipid metabolism following ecdysterone treatment. Catalán RE, et al. **Comp Biochem Physiol [B]** 1985;81(3):771-5

Effect of hibernation on liver and kidney metabolism in 13-lined ground squirrels. Green CJ, et al. **Comp Biochem Physiol [B]** 1984;79(2):167-71

Effects of centrifugal force on functional and structural integrity of rat liver ribosomes. Harbourne KS, et al. **Comp Biochem Physiol [B]** 1984;78(3):643-6

Hybrid protein synthetic systems: components required to confer poikilothermy to the mammal. Haschemeyer AE, et al. **Comp Biochem Physiol [B]** 1985;81(3):705-9

Utilization of labelled uridine, cytidine and orotic acid for determination of ribonucleic acid synthesis in mouse liver. Lewan L, et al. **Comp Biochem Physiol [B]** 1985; 81(2):499-502

A comparison of the effects of duodenal glucose infusion on carbohydrate and lipid metabolism in liver, adipose tissue and small intestinal mucosa in sheep. Pearce J, et al. **Comp Biochem Physiol [B]** 1985;81(1):59-62

Effects of anti-albumin sera on the synthesis and secretion of soluble proteins by monolayers of hepatocytes. Silove M, et al. **Comp Biochem Physiol [B]** 1985;81(2):505-8

Effect of protein intake on amino acid catabolism and gluconeogenesis by isolated hepatocytes from the cat (Felis domestica). Silva SV, et al. **Comp Biochem Physiol [B]** 1985; 80(3):603-7

Fatty acid synthesis in brown adipose tissue of the Mongolian gerbil (Meriones unguiculatus): influence of acclimation temperature on synthesis in brown adipose tissue and the liver in relation to whole-body synthesis. Trayhurn P, et al. **Comp Biochem Physiol [B]** 1984;78(3):601-7

Comparisons of nine heavy metals in salt gland and liver of greater scaup (Aythya marila), black duck (Anas rubripes) and mallard (A. platyrhynchos). Burger J, et al. **Comp Biochem Physiol** [C] 1985;81(2):287-92

Cd-, Zn-, Cu-binding protein in the elasmobranch Scyliorhinus canicula. Hidalgo J, et al. **Comp Biochem Physiol** [C] 1985;81(1):159-65

In vivo distribution of dimethylnitrosamine metabolites in mouse liver and their binding to micrococcal nuclease sensitive and resistant chromatin. Klaude M, et al. **Comp Biochem Physiol** [C] 1985;81(1):19-23

Conversion of procarcinogens to mutagens by the S-9 fraction from the liver of rainbow trout (Salmo gairdneri): inducibility with PCB, 3-methylcholanthrene and phenobarbital and inhibition by metyrapone and alpha-naphthoflavone. Miyauchi M. **Comp Biochem Physiol** [C] 1984;79(2):363-7

Does lead exposure influence liver protein synthesis in rats? Nicholls DM, et al. **Comp Biochem Physiol** [C] 1984; 78(2):403-8

Changes in nonhistone chromatin proteins from liver of young and adult chickens following D-galactosamine administration. Pałyga J. **Comp Biochem Physiol** [C] 1984; 79(2):389-93

Occurrence and synthesis of a non-thionein, zinc-binding protein in the rainbow trout (Salmo gairdneri). Pierson KB. **Comp Biochem Physiol** [C] 1985;81(1):71-5

Subcellular distribution of heavy metals in liver and kidney of a narwhal whale (Monodon monoceros): an evaluation for the presence of metallothionein. Wagemann R, et al. **Comp Biochem Physiol** [C] 1984;78(2):301-7

Handling of IgA immune aggregates by liver cells. Sancho J, et al. **Contrib Nephrol** 1984;40:93-8

The hepatic asialoglycoprotein receptor. Schwartz AL. **CRC Crit Rev Biochem** 1984;16(3):207-33 (131 ref.)

Characteristics and hormonal regulation of amino acid transport system A in isolated rat hepatocytes. Kilberg MS, et al. **Curr Top Cell Regul** 1985;25:133-63 (79 ref.)

Secretion and hepatic removal of insulin in the healthy offspring of type 2 (non-insulin-dependent) diabetic subjects. Bonora E, et al. **Diabete Metab** 1984 Oct; 10(4):250-4

Hepatic extraction of insulin in non-insulin dependent diabetes. Comparative study of obese and non-obese patients. Snehalatha C, et al. **Diabete Metab** 1984 Sep; 10(3):175-80

The effect of streptozocin-induced diabetes on the plasma membrane calcium uptake activity of rat liver. Chan KM, et al. **Diabetes** 1984 Nov;33(11):1072-7

Effect of diabetes on triiodothyronine and reverse triiodothyronine production in the perfused rat liver and kidney. Ikeda T, et al. **Diabetes** 1985 Jul;34(7):647-52

Effect of norepinephrine on ketogenesis, fatty acid oxidation, and esterification in isolated rat hepatocytes. Oberhaensli RD, et al. **Diabetes** 1985 Aug;34(8):774-9

Insulin secretion in vitro and insulin binding to isolated hepatocytes in congenic mice with different H-2 complexes. Petersen KG, et al. **Diabetes** 1985 Mar; 34(3):256-9

Insulin-like action of proinsulin on rat liver carbohydrate metabolism in vitro. Probst I, et al. **Diabetes** 1985 May; 34(5):415-9

Glucagon binding to liver membranes of Mt-T-W15 tumor-bearing and hypophysectomized rats. A possible role for insulin and growth hormone. Walsh MF, et al. **Diabetes** 1984 Oct;33(10):978-83

Effects of lysosomal inhibitors on 125I-insulin and 125I-asialofetuin degradation by the isolated, perfused rat liver and isolated rat hepatocytes. Ward WF, et al. **Diabetes** 1985 May;34(5):446-51

Regulation of gluconeogenesis in hepatocytes from fasted alloxan-diabetic rats. Wernette-Hammond ME, et al. **Diabetes** 1985 Aug;34(8):767-73

Interaction between insulin receptors and major histocompatibility complex antigens in mouse liver membranes. Brossette N, et al. **Diabetologia** 1984 Jul;27 Suppl:74-6

Impaired insulin action in newly diagnosed type 1 (insulin-dependent) diabetes mellitus. Nankervis A, et al. **Diabetologia** 1984 Nov;27(5):497-503

Differential binding of sulphated insulin to adipocytes and hepatocytes. Zeuzem S, et al. **Diabetologia** 1984 Aug; 27(2):184-8

Effect of aging on liver glutathione levels and hepatocellular injury from carbon tetrachloride, allyl alcohol or galactosamine. Rikans LE, et al. **Drug Chem Toxicol** 1984; 7(6):595-604

Reductive metabolism of furazolidone by Escherichia coli and rat liver in vitro. Abraham RT, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):732-41

Kinetics of meperidine N-demethylation in the perfused rat liver preparation. Babiak LM, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):698-704

Mechanisms of catechol formation from aromatic compounds in isolated rat hepatocytes. Billings RE. **Drug Metab Dispos** 1985 May-Jun;13(3):287-90

Age-related changes in glucuronidation and deglucuronidation in liver, small intestine, lung, and kidney of male Fischer rats. Borghoff SJ, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):62-7

The effect of pregnancy and treatment with 17 beta-estradiol on the transport of organic anions into isolated rat hepatocytes. Brock WJ, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):713-6

Covalent binding of benzo(a)pyrene in perfused rat lung following systemic and intratracheal administration. Foth H, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):760-6

Effects of model traumatic injury on hepatic drug metabolism in the rat. IV. Glucuronidation. Griffeth LK, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):391-7

Effects of model traumatic injury on hepatic drug metabolism in the rat. III. Differential responses of cytochrome P-450 subpopulations. Griffeth LK, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):588-95

Effects of model traumatic injury on hepatic drug metabolism in the rat. II. In vivo metabolism of hexobarbital and zoxazolamine. Griffeth LK, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):582-7

Studies on the beta-oxidative metabolism of delta 1- and delta 6-tetrahydrocannabinol in the mouse. The in vivo biotransformation of metabolites oxidized in the side chain. Harvey DJ, et al. **Drug Metab Dispos** 1985 Mar-Apr; 13(2):215-9

A radiometric method for the measurement of adenosine 3'-phosphate 5'-phosphosulfate in rat and mouse liver. Hazelton GA, et al. **Drug Metab Dispos** 1985 Jan-Feb; 13(1):30-4

Acetaminophen decreases adenosine 3'-phosphate 5'-phosphosulfate and uridine diphosphoglucuronic acid in rat liver. Hjelle JJ, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):35-41

Mephenytoin metabolism in vitro by human liver. Jurima M, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):151-5

The area under the curve of metabolites for drugs and metabolites cleared by the liver and extrahepatic organs. Its dependence on the administration route of precursor drug. Klippert PJ, et al. **Drug Metab Dispos** 1985 Jan-Feb; 13(1):97-101

Presystemic and systemic intestinal metabolism of fenoterol in the conscious rat. Koster AS, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):464-70

Metabolites of phenanthridine formed by rat liver homogenate. LaVoie EJ, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):71-5

Metabolism of acetaminophen and phenacetin by isolated rat hepatocytes. A system in which the spatial organization inherent in the liver is disrupted. Pang KS, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):42-50

Phenytoin enhances epoxide metabolism in human fetal liver cultures. Rane A, et al. **Drug Metab Dispos** 1985 May-Jun; 13(3):382-5

Studies on the biotransformation in the perfused rat liver of 2-n-propyl-4-pentenoic acid, a metabolite of the antiepileptic drug valproic acid. Evidence for the formation of chemically reactive intermediates. Rettenmeier AW, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):81-96

Ketoconazole: a potent inhibitor of cytochrome P-450-dependent drug metabolism in rat liver. Sheets JJ, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):603-6

In vitro metabolism of the new cardiotonic agent denopamine (TA-064) by rat and rabbit liver preparations. Oxidation, methylation, and glucuronidation. Suzuki T, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):246-54

Metabolism of acetaminophen in hepatocytes isolated from mice and rats of various ages. Sweeny DJ, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):377-9

The disposition of primaquine in the isolated perfused rat liver. Effect of dose size. Ward SA, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):425-9

Drug metabolism by isolated fetal human hepatocytes in suspension and primary culture. Wiebkin P, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):163-8

Interactions between folate metabolism, phenytoin metabolism, and liver microsomal cytochrome P450. Billings RE. **Drug Nutr Interact** 1984;3(1):21-32

Age effects on hepatic drug metabolism in Syrian hamsters. Birt DF, et al. **Drug Nutr Interact** 1984;3(1):1-10

Development of riboflavin deficiency in alcohol-fed hamsters. Kim CI, et al. **Drug Nutr Interact** 1985; 3(2):99-107

Effect of dietary lipid on benzo(a)pyrene metabolism by perfused rat liver. Lam TC, et al. **Drug Nutr Interact** 1981; 1(1):31-44

Effect of chronic undernutrition on glucuronide and glutathione conjugation in rat liver. Rajpurohit R, et al. **Drug Nutr Interact** 1985;3(3):121-8

Thyroid status alters structure of VLDL secreted by perfused rat liver. Schroeder F, et al. **Drug Nutr Interact** 1982; 1(3):249-63

Studies on the sequence of 2,6-diisopropylnaphthalene metabolite formation using carp hepatocyte. Kojima H, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):364-8

An arsenic-binding protein in rainbow trout. Oladimeji AA. **Ecotoxicol Environ Safety** 1985 Feb;9(1):1-5

Characterization of binding sites for acetylated low density lipoprotein in the rat liver in vivo and in vitro. Dresel HA, et al. **EMBO J** 1985 May;4(5):1157-62

A cycloheximide-resistant pool of receptors for asialoglycoproteins and mannose 6-phosphate residues in the Golgi complex of hepatocytes. Geuze HJ, et al. **EMBO J** 1984 Nov;3(11):2677-85

Association of transcriptionally active vitellogenin II gene with the nuclear matrix of chicken liver. Jost JP, et al. **EMBO J** 1984 Sep;3(9):2005-8

Post-transcriptional regulation of albumin gene expression in Xenopus liver. Kazmaier M, et al. **EMBO J** 1985 May; 4(5):1261-6

Pattern of serum protein gene expression in mouse visceral yolk sac and foetal liver. Meehan RR, et al. **EMBO J** 1984 Aug;3(8):1881-5

Transcription of woodchuck hepatitis virus in the chronically infected liver. Möröy T, et al. **EMBO J** 1985 Jun; 4(6):1507-14

Transient paralysis by heat shock of hormonal regulation of gene expression. Wolffe AP, et al. **EMBO J** 1984 Dec 1; 3(12):2763-70

In vivo effect of amiodarone, thiocyanate, perchlorate and goitrin on thyroxine deiodination in rat liver. Langer P, et al. **Endocrinol Exp (Bratisl)** 1984 Sep;18(3):177-82

Stability of receptor complexes in the rat liver bound to glucocorticoids of different biopotencies. Ichii S, et al. **Endocrinol Jpn** 1984 Oct;31(5):583-94

Increased affinity of insulin receptor on hepatocytes from streptozotocin-induced diabetic rats. Okamoto M, et al. **Endocrinol Jpn** 1984 Jun;31(3):235-43

Specific binding of calcitonin to rat liver plasma membranes. Yamaguchi M, et al. **Endocrinol Jpn** 1984 Jun;31(3):327-33

Estrogen biosynthesis in human liver--a comparison of aromatase activity for C-19 steroids in fetal liver, adult liver and hepatoma tissues of human subjects. Yamamoto T, et al. **Endocrinol Jpn** 1984 Jun;31(3):277-81

Amiodarone inhibits the conversion of thyroxine to triiodothyronine in isolated rat hepatocytes. Aanderud S, et al. **Endocrinology** 1984 Oct;115(4):1605-8

Measurement of growth hormone and prolactin receptor turnover in rat liver. Baxter RC. **Endocrinology** 1985 Aug; 117(2):650-5

Distribution of thyroid hormone-responsive translated products in rat liver polysome and postribosomal ribonucleoprotein populations. Carr FE, et al. **Endocrinology** 1984 Nov;115(5):1737-45

The effect of chloroquine on lysosomal prolactin receptors in rat liver. Ferland LH, et al. **Endocrinology** 1984 Nov; 115(5):1842-9

Brain and liver insulin binding is decreased in Zucker rats carrying the 'fa' gene. Figlewicz DP, et al. **Endocrinology** 1985 Oct;117(4):1537-43

Somatomedin-C stimulates glycogen synthesis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Jun; 116(6):2578-82

Ovine placental lactogen inhibits glucagon-induced glycogenolysis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Apr;116(4):1275-80

Suppressive effect of inflammation and other forms of stress on the binding of prolactin by rat liver. Goodman AD, et al. **Endocrinology** 1985 Feb;116(2):835-42

Inhibition of thymidine incorporation in primary rat hepatocytes by porcine pancreatic polypeptide. Hayden LJ. **Endocrinology** 1985 May;116(5):2116-8

Contribution by the glycogen pool and adenosine 3',5'-monophosphate release to the evanescent effect of glucagon on hepatic glucose production in vitro. Komjati M, et al. **Endocrinology** 1985 Mar;116(3):978-86

Enhancement of rat growth hormone binding by membrane disulfide reduction. Kover K, et al. **Endocrinology** 1985 Mar;116(3):1017-23

Evidence that desialylation and uptake by hepatic receptors for galactose-terminated glycoproteins are immaterial to the metabolism of human choriogonadotropin in the rat. Lefort GP, et al. **Endocrinology** 1984 Oct;115(4):1551-7

The effect of Streptococcus pneumoniae infection on the binding of triiodothyronine to nuclei isolated from rat liver. Little JS. **Endocrinology** 1985 Jul;117(1):180-6

Fetal rat hyperinsulinism and hyperglucagonism: effects on hepatic ketogenesis, lipogenesis, and gluconeogenesis. McCormick K, et al. **Endocrinology** 1985 Apr;116(4):1281-7

Maintenance of prolactin (PRL) binding sites in rat liver cells in suspension culture: effect of PRL and of inhibitors of various cellular functions. Rosa AA, et al. **Endocrinology** 1985 Apr;116(4):1288-94

Hepatic metabolism of somatostatin-14 and somatostatin-28: immunochemical characterization of the metabolic fragments and comparison of cleavage sites. Ruggere MD, et al. **Endocrinology** 1985 Jul;117(1):88-96

Production of insulin-like growth factor I and its binding protein by adult rat hepatocytes in primary culture. Scott CD, et al. **Endocrinology** 1985 Mar;116(3):1094-101

Rat hepatocyte insulin-like growth factor I and binding protein: effect of growth hormone in vitro and in vivo. Scott CD, et al. **Endocrinology** 1985 Mar;116(3):1102-7

Dissociation of the alpha-adrenergic inhibitory effects on glucagon- and secretin-stimulated bile volume and on cyclic adenosine monophosphate production in the isolated perfused rat liver. Yamatani K, et al. **Endocrinology** 1985 May;116(5):1694-8

Toxicity of polychlorinated biphenyl with special reference to porphyrin metabolism. Sano S, et al. **Environ Health Perspect** 1985 Feb;59:137-43

Metabolic changes induced by organophosphates in the piscine organs. Awasthi M, et al. **Environ Res** 1984 Oct; 35(1):320-5

Subcellular distribution of lead in cultured rat hepatocytes. Mittelstaedt RA, et al. **Environ Res** 1984 Oct;35(1):188-96

Biochemical change in the liver and kidney of rats following parathyroidectomy. Bogin E, et al. **Enzyme** 1985; 33(2):94-100

Liver alcohol oxidizing systems and gluconeogenic enzyme activities after long term ethanol application in cold exposed guinea pigs. Kinnula V, et al. **Eur J Applied Physiol** 1984;53(3):237-41

ATP-dependent Ca2+ transport in vesicles isolated from the bile canalicular region of the hepatocyte plasma membrane. Bachs O, et al. **Eur J Biochem** 1985 Feb 15; 147(1):1-7

Biosynthesis and secretion of alpha 1 acute-phase globulin in primary cultures of rat hepatocytes. Bauer J, et al. **Eur J Biochem** 1985 Jan 15;146(2):347-52

Alterations in intracellular calcium compartmentation following inhibition of calcium efflux from isolated hepatocytes. Bellomo G, et al. **Eur J Biochem** 1984 Oct 1;144(1):19-23

Tetrahydrobiopterin biosynthesis. Studies with specifically labeled (2H)NAD(P)H and 2H2O and of the enzymes involved. Curtius HC, et al. **Eur J Biochem** 1985 May 2; 148(3):413-9

Effect of amino acid metabolites on lysosomal protein degradation. A regulatory role for kynurenine? Grinde B. **Eur J Biochem** 1984 Dec 17;145(3):623-7

Regulation of hepatic glutamate metabolism. Role of 2-oxoacids in glutamate release from isolated perfused rat liver. Häussinger D, et al. **Eur J Biochem** 1984 Sep 17; 143(3):491-7

Uridine catabolism in Kupffer cells, endothelial cells, and hepatocytes. Holstege A, et al. **Eur J Biochem** 1985 May 15;149(1):169-73

Effect on lysosomes of invertase endocytosed by rat-liver. Jadot M, et al. **Eur J Biochem** 1985 Sep 16;151(3):485-8

Cell-free synthesis of ornithine decarboxylase. Changes in mRNA activity in the liver of thioacetamide-treated rats. Kameji T, et al. **Eur J Biochem** 1984 Oct 1;144(1):35-9

Synthesis and secretion of hemopexin in primary cultures of rat hepatocytes. Demonstration of an intracellular precursor of hemopexin. Katz NR, et al. **Eur J Biochem** 1985 Jan 2;146(1):155-9

Biphasic increase in the in vivo phosphorylation of nuclear 110-kDa protein during early lymphocyte transformation. Kostka G, et al. **Eur J Biochem** 1985 May 2;148(3):437-40

Receptor-mediated endocytosis of polymeric IgA and galactosylated serum albumin in rat liver. Evidence for intracellular ligand sorting and identification of distinct endosomal compartments. Limet JN, et al. **Eur J Biochem** 1985 Feb 1;146(3):539-48

Chemical modification of methionine residues of the phosphatidylcholine transfer protein from bovine liver. A spin-label study. Megli FM, et al. **Eur J Biochem** 1985 Jun 18;149(3):585-90

Accumulation of Ca2+ induced by cytotoxic levels of menadione in the isolated, perfused rat liver. Mehendale HM, et al. **Eur J Biochem** 1985 May 15;149(1):201-6

Control of ureogenesis. Meijer AJ, et al. **Eur J Biochem** 1985 Apr 1;148(1):189-96

Hepatic carbamoyl phosphate metabolism. Role of cytosolic and mitochondrial carbamoyl phosphate in de novo pyrimidine synthesis. Pausch J, et al. **Eur J Biochem** 1985 Jul 1;150(1):189-94

The protein phosphatases involved in cellular regulation. Glycolysis, gluconeogenesis and aromatic amino acid breakdown in rat liver. Pelech S, et al. **Eur J Biochem** 1984 Nov 15;145(1):39-49

Effects of ATP and adenosine addition on activity of oxoglutarate dehydrogenase and the concentration of cytoplasmic free Ca2+ in rat hepatocytes. Staddon JM, et al. **Eur J Biochem** 1985 Sep 16;151(3):567-72

Regulation of glucose-6-phosphate dehydrogenase mRNA by insulin and the glucocorticoids in primary cultures of rat hepatocytes. Stumpo DJ, et al. **Eur J Biochem** 1984 Nov 2;144(3):497-502

Deinduction of transcription of Xenopus 74-kDa albumin genes and destabilization of mRNA by estrogen in vivo and in hepatocyte cultures. Wolffe AP, et al. **Eur J Biochem** 1985 Feb 1;146(3):489-96

Long-term effects of physiological oxygen concentrations on glycolysis and gluconeogenesis in hepatocyte cultures. Wölfle D, et al. **Eur J Biochem** 1985 Sep 2;151(2):299-303

Lysosomal accumulation of cholesterol and sphingomyelin: evidence for inhibition of acid sphingomyelinase. Bhuvaneswaran C, et al. **Eur J Cell Biol** 1985 May; 37:98-106

Visualization of the interaction of native and modified low density lipoproteins with isolated rat liver cells. Mommaas-Kienhuis AM, et al. **Eur J Cell Biol** 1985 Jul; 38(1):42-50

Species differences in the handling of lysosomotropic metals and Triton WR 1339 by rat and Chinese hamster liver. Seidel A, et al. **Eur J Cell Biol** 1985 May;37:89-97

Interaction of filamentous actin with isolated liver plasma membranes. Thérien HM, et al. **Eur J Cell Biol** 1984 Sep; 35(1):112-21

The effect of dexamethasone on albumin production by fetal rat hepatocytes in culture. Yeoh GC, et al. **Eur J Cell Biol** 1985 Jul;38(1):157-64

Vitamin D3 uptake by the isolated perfused rat liver from lipoprotein fractions is separate from cholesterol and triglyceride uptake. Ziv E, et al. **Eur J Clin Invest** 1985 Apr;15(2):95-9

Effect of oxidative polymorphism (debrisoquine/sparteine type) on hepatic first-pass metabolism of bufuralol. Dayer P, et al. **Eur J Clin Pharmacol** 1985;28(3):317-20

Ethanol-induced inhibition of hepatic uptake of propranolol in perfused rat liver and in man. Dorian P, et al. **Eur J Clin Pharmacol** 1984;27(2):209-15

Effect of rifampicin treatment on hepatic drug metabolism and serum bile acids in patients with primary biliary cirrhosis. Hoensch HP, et al. **Eur J Clin Pharmacol** 1985; 28(4):475-7

Pharmacokinetics of propranolol during pregnancy. O'Hare MF, et al. **Eur J Clin Pharmacol** 1984;27(5):583-7

Relationship between lipid composition and drug metabolizing capacity of human liver. Savolainen MJ, et al. **Eur J Clin Pharmacol** 1985;27(6):727-32

Autoradiographic and biochemical studies of drug distribution in the liver. I. [14C]Dehydrocorydaline. Fujii T, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep; 9(3):235-46

Autoradiographic and biochemical studies of drug distribution in the liver. II. [35S]Chlorpromazine and [14C]imipramine. Fujii T, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep;9(3):247-55

Autoradiographic and biochemical studies of drug distribution in the liver. III. [14C]Aminotriazole. Fujii T, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep; 9(3):257-65

In vitro metabolism of procyclidine in the rat. Paeme G, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct-Dec; 9(4):311-3

Inhibition of diazepam metabolism in microsomal- and perfused liver preparations of the rat by desmethyldiazepam, N-methyloxazepam and oxazepam. Savenije-Chapel EM, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar; 10(1):15-20

Tumor and liver uptake models of 67Ga-citrate. Ando A, et al. **Eur J Nucl Med** 1985;10(5-6):262-8

Differential effects of adrenergic agonists and phorbol esters on the alpha 1-adrenoceptors of hepatocytes and aorta. Garcia-Sáinz JA, et al. **Eur J Pharmacol** 1985 Jun 19; 112(3):393-7

Adaptation of hepatic ammonia metabolism after chronic valproate administration in epileptics treated with phenytoin. Marescaux C, et al. **Eur Neurol** 1985;24(3):191-5

Derangement of hepatic energy metabolism in lead-sensitized endotoxicosis. Taki Y, et al. **Eur Surg Res** 1985;17(3):140-9

Regulation of hepatic glucose production during exercise. Winder WW. **Exerc Sport Sci Rev** 1985;13:1-31 (106 ref.)

Polyamine metabolism in P388 leukemia cells and in ascites tumor-bearing mice. Kremmer T, et al. **Exp Cell Biol** 1984; 52(5):279-85

Intracellular degradation of asialoglycoproteins in hepatocytes starts in a subgroup of lysosomes. Berg T, et al. **Exp Cell Res** 1985 Feb;156(2):570-4

Accumulation of autolysosomes after receptor-mediated introduction of Ep459-asialofetuin conjugate into lysosomes in rat hepatocytes. Furuno K, et al. **Exp Cell Res** 1985 Jan;156(1):15-21

Ceruloplasmin receptors in liver cell suspensions are limited to the endothelium. Kataoka M, et al. **Exp Cell Res** 1984 Nov;155(1):232-40

The effects of cytotropic compounds on the resialylation of human asialotransferrin type 3 in the rat. Regoeczi E, et al. **Exp Cell Res** 1985 Apr;157(2):495-503

The endosomal compartment of rat hepatocytes. Its characterization in the course of [125I]insulin internalization. Robert A, et al. **Exp Cell Res** 1985 Jul; 159(1):113-26

Reduced autophagic activity, improved protein balance and enhanced in vitro survival of hepatocytes isolated from carcinogen-treated rats. Schwarze PE, et al. **Exp Cell Res** 1985 Mar;157(1):15-28

Antibodies to nuclear thyroid hormone-binding proteins. Antibody characterization and immunofluorescent localization. Sellitti DF, et al. **Exp Cell Res** 1985 May; 158(1):223-36

Culture shock. Synthesis of heat-shock-like proteins in fresh primary cell cultures. Wolffe AP, et al. **Exp Cell Res** 1984 Oct;154(2):581-90

Cholesterol biosynthesis in chicken liver: effect of triiodothyronine. Lopez JP, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):45-51

Effect of a single dose of T3 on the incorporation of (Methyl-14C) methionine into phosphatidylcholine and lysophosphatidylcholine in chick liver. Marino A, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):245-51

Interaction of hepatic chromatin with androgen-receptor complex. Ota M, et al. **Exp Clin Endocrinol** 1984 Oct; 84(2):159-66

Binding of cytoplasmic testosterone-receptor complex to nucleic from male rat livers. Sato N, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):37-44

Influence of microinjection of insulin into ventromedial hypothalamus on acetate metabolism in liver slices of rabbit. Seto K, et al. **Exp Clin Endocrinol** 1985 Apr; 85(2):253-6

Age-related changes of ascorbic acid content of liver and brain of common Indian toad, Bufo melanostictus. Ruth RP, et al. **Exp Gerontol** 1984;19(4):253-5

Effect of aging on the storage and catabolism of vitamin A in mice. Sundboom J, et al. **Exp Gerontol** 1984; 19(4):257-65

Uptake--microautophagy--and degradation of exogenous proteins by isolated rat liver lysosomes. Effects of pH, ATP, and inhibitors of proteolysis. Ahlberg J, et al. **Exp Mol Pathol** 1985 Feb;42(1):78-88

Soluble factors of protein synthesis in rat liver during the acute-phase reaction. Cajone F, et al. **Exp Mol Pathol** 1985 Aug;43(1):56-63

Halomethane-induced inhibition of protein synthesis in isolated hepatocytes. Hegarty JM, et al. **Exp Mol Pathol** 1984 Dec;41(3):331-7

Analysis of translation products synthesized in isolated rat hepatocytes treated with diethylnitrosamine. Delpino A, et al. **Experientia** 1984 Dec 15;40(12):1377-9

Defect of uric acid uptake in Dalmatian dog liver. Giesecke D, et al. **Experientia** 1984 Dec 15;40(12):1415-6

Age-related changes of the pattern of non-histone proteins in active and condensed fractions of mouse liver chromatin and hepatocarcinoma. Medvedev ZA, et al. **Experientia** 1984 Nov 15;40(11):1282-4

A new simple temperature-controlled membrane oxygenator for the perfusion of isolated rat livers. Ogura M, et al. **Experientia** 1985 Jan 15;41(1):139-41

Influence of phenobarbital and TCDD on the hepatic metabolism of TCDD in the dog. Poiger H, et al. **Experientia** 1985 Mar 15;41(3):376-8

Emblica officinalis reduces serum, aortic and hepatic cholesterol in rabbits. Thakur CP. **Experientia** 1985 Mar 15;41(3):423-4

The effect of polyunsaturated phosphatidylcholine on lipid synthesis in ethanol-intoxicated cultured rat hepatocytes. Montanini I, et al. **Farmaco [Sci]** 1984 Jul;39(7):559-68

Structural and functional characterization of the abnormal Z alpha 1-antitrypsin isolated from human liver. Bathurst IC, et al. **FEBS Lett** 1984 Nov 19;177(2):179-83

Induction of rat alpha 2-macroglobulin in vivo and in hepatocyte primary cultures: synergistic action of glucocorticoids and a Kupffer cell-derived factor. Bauer J, et al. **FEBS Lett** 1984 Nov 5;177(1):89-94

Effect of drugs, peptide hormones and lipogenic precursors on the relative incorporation of [3H]H2O and carbon into hepatic cholesterol. Björnsson OG, et al. **FEBS Lett** 1985 Aug 5;187(2):302-6

Determination of the functional molecular size of vasopressin isoreceptors. Crause P, et al. **FEBS Lett** 1984 Oct 1; 175(2):383-6

Age-dependent changes in the level of a 34 kDa DNA-binding protein in developing chick embryo liver. David E, et al. **FEBS Lett** 1985 Aug 5;187(2):201-4

Glutamate-glutamine metabolism in the perfused rat liver. 13C-NMR study using (2-13C)-enriched acetate. Desmoulin F, et al. **FEBS Lett** 1985 Jun 3;185(1):29-32

The effect of a rat plasma high-density lipoprotein subfraction on the synthesis of bile salts by rat hepatocyte monolayers. Ford RP, et al. **FEBS Lett** 1985 Jan 1; 179(1):177-80

Studies on the substrate for hepatic lipogenesis in the rat. Geelen MJ, et al. **FEBS Lett** 1984 Sep 17;175(1):8-12

Inhibition of glutathione efflux in the recirculating rat liver perfusion by cysteine but not by oxothiazolidine carboxylate, an intracellular cysteine precursor. Glazenburg EJ, et al. **FEBS Lett** 1984 Dec 10;178(2):271-4

Both insulin and epidermal growth factor stimulate fatty acid synthesis and increase phosphorylation of acetyl-CoA carboxylase and ATP-citrate lyase in isolated hepatocytes. Holland R, et al. **FEBS Lett** 1985 Feb 25;181(2):308-12

Phosphorylation of histones and non-histone nuclear proteins in liver cells stimulated by glucagon and cyclic AMP. Iynedjian PB, et al. **FEBS Lett** 1984 Dec 3;178(1):143-8

High-affinity association and degradation of 125I-labelled low density lipoproteins by human hepatocytes in primary culture. Kosykh VA, et al. **FEBS Lett** 1985 Apr 8; 183(1):17-20

Kinetic analysis of short-term effects of alpha-agonists on gluconeogenesis in isolated rat hepatocytes. Leverve XM, et al. **FEBS Lett** 1985 Feb 11;181(1):43-6

Changes in the glutathione status of plasma, liver and muscle following exhaustive exercise in rats. Lew H, et al. **FEBS Lett** 1985 Jun 17;185(2):262-6

Biosynthesis and processing of pro-C3, a precursor of the third component of complement in rat hepatocytes: effect of secretion-blocking agents. Misumi Y, et al. **FEBS Lett** 1984 Sep 17;175(1):63-7

Adenylate cyclase and a fatty acid spin probe detect changes in plasma membrane lipid phase separations induced by dietary manipulation of the cholesterol:phospholipid ratio. Needham L, et al. **FEBS Lett** 1985 Apr 8;183(1):81-6

Liver carnitine metabolism after partial hepatectomy in the rat. Effects of nutritional status and inhibition of carnitine palmitoyltransferase. Schofield PS, et al. **FEBS Lett** 1985 May 20;184(2):214-20

Transient high-affinity binding of agonists to alpha 1-adrenergic receptors of intact liver cells. Schwarz KR, et al. **FEBS Lett** 1985 Aug 5;187(2):205-10

Study of hepatic binding protein activity in jejuno-ileal by-passed rat hepatocytes. Serbource-Goguel N, et al. **FEBS Lett** 1985 Apr 22;183(2):232-4

Decrease by glucagon in peroxide generation by isolated hepatocytes. Siess EA, et al. **FEBS Lett** 1984 Nov 5; 177(1):6-10

Effect of depolarizing concentrations of potassium on calcium uptake and metabolism in rat liver. Taylor WM, et al. **FEBS Lett** 1985 Apr 8;183(1):70-4

Comparison of tyrosine phosphorylation of proteins by membrane fractions from mouse liver, Ehrlich ascites tumor and MH134 hepatoma. Usui H, et al. **FEBS Lett** 1985 May 6;184(1):60-4

Chemically induced antioxidant-sensitive respiration. Relation to glutathione content and lipid peroxidation in the perfused rat liver. Videla LA. **FEBS Lett** 1984 Dec 3;178(1):119-22

Nutritional influences on the distribution of the urea cycle: intermediates in isolated hepatocytes. Freedland RA, et al. **Fed Proc** 1985 May;44(8):2453-7 (47 ref.)

Changes in cellular glutathione levels: possible relation to selenium-mediated anticarcinogenesis. LeBoeuf RA, et al. **Fed Proc** 1985 Jun;44(9):2563-7

Determination of the binding of trenbolone and zeranol to rat-liver DNA in vivo as compared to 17 beta-oestradiol and testosterone. Barraud B, et al. **Food Addit Contam** 1984 Apr-Jun;1(2):147-55

In vitro metabolism of N-nitrodialkylamines. Suzuki E, et al. **Gann** 1985 Jan;76(1):28-36

Role of the liver in the degradation of lipoproteins. Cooper AD. **Gastroenterology** 1985 Jan;88(1 Pt 1):192-205 (108 ref.)

Hepatic heme metabolism and cytochrome P450 in cirrhotic rat liver. Farrell GC, et al. **Gastroenterology** 1985 Jul; 89(1):172-9

Oxygen supply to the liver in patients with alcoholic liver disease assessed by organ-reflectance spectrophotometry. Hayashi N, et al. **Gastroenterology** 1985 Apr;88(4):881-6

Degradative intracellular transport of antisecretory component in cultured hepatocytes. An alternate pathway for the immunoglobulin A receptor. Kim E, et al. **Gastroenterology** 1985 Jun;88(6):1791-8

Enterohepatic circulation in the rat. Kuipers F, et al. **Gastroenterology** 1985 Feb;88(2):403-11

Hyperasialoglycoproteinemia in patients with chronic liver diseases and/or liver cell carcinoma. Asialoglycoprotein receptor in cirrhosis and liver cell carcinoma. Sawamura T, et al. **Gastroenterology** 1984 Dec;87(6):1217-21

Diadenosine tetraphosphate as a signal molecule linked with the functional state of rat liver. Yamaguchi N, et al. **Gastroenterology** 1985 Oct;89(4):723-31

Acclimatory changes in protein and nucleic acid contents of liver, muscle, and ovary of Singi fish (Heteropneustes fossilis Bloch) of two phases of reproductive cycle at different temperatures. Dasmahapatra AK, et al. **Gegenbaurs Morphol Jahrb** 1984;130(4):593-602

The effects of estradiol and triiodothyronine on protein synthesis by hepatocytes of juvenile coho salmon (Oncorhynchus kisutch). Bhattacharya S, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):103-9

In vivo and in vitro effects of growth hormone on the incorporation of [14C]leucine into protein of liver and muscle of the eel. Inui Y, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):295-300

Hepatic estrogen receptors and plasma estrogen-binding activity in the Atlantic salmon. Lazier CB, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):234-45

Immersion of rainbow trout in 3,5,3'-triiodo-L-thyronine (T3): effects on plasma T3 levels and hepatic nuclear T3 binding. Omeljaniuk RJ, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):81-8

Epinephrine effect on carbohydrate metabolism in isolated and perfused catfish liver. Ottolenghi C, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):219-29

Multiple binding sites of [3H]clonidine on hepatic plasma membranes. Lacombe C, et al. **Gen Pharmacol** 1984; 15(4):315-9

Subcellular distribution of pinazepam and its metabolite N-desmethyldiazepam in rat liver. Pacifici GM, et al. **Gen Pharmacol** 1984;15(4):353-5

Specific phosphorylation of nuclear non-histone proteins of rat liver after thyreoidectomy and T4 treatment. Knopp J, et al. **Gen Physiol Biophys** 1984 Aug;3(4):291-5

The genetics of hormone-induced cyclic AMP production and phospholipid N-methylation in inbred strains of mice. Markovac J, et al. **Genet Res** 1985 Apr;45(2):167-77

Selective penetration and pharmacological activity of lactosaminated albumin conjugates of adenine arabinoside 5-monophosphate (ara-AMP) in mouse liver. Fiume L, et al. **Gut** 1984 Dec;25(12):1392-8

Changes of collagen types at various stages of human liver cirrhosis. Murata K, et al. **Hepatogastroenterology** 1984 Aug;31(4):158-61

Hepatic mitochondrial oxidative metabolism in rats with chronic dietary iron overload. Bacon BR, et al. **Hepatology** 1985 Sep-Oct;5(5):789-97

Evidence for a channel for the electrogenic transport of chloride ion in the rat hepatocyte. Bear CE, et al. **Hepatology** 1985 May-Jun;5(3):383-91

The effect of glutathione depletion on 14CO2 evolution from [14C]methyl-labeled aminopyrine in intact rats. Bhatt HS, et al. **Hepatology** 1985 Jul-Aug;5(4):615-21

Reduction of hepatic tetrahydrofolate and inhibition of exhalation of 14CO2 formed from [dimethylamino-14C]aminopyrine in nitrous oxide-treated rats. Black KA, et al. **Hepatology** 1984 Sep-Oct;4(5):871-6

Urea synthesis after protein feeding reflects hepatic mass in rats. Brewer TG, et al. **Hepatology** 1984 Sep-Oct; 4(5):905-11

Age-related changes in the endocytic capacity of rat liver Kupffer and endothelial cells. Brouwer A, et al. **Hepatology** 1985 May-Jun;5(3):362-6

The effect of concentration on hepatic transport of exogenous epidermal growth factor. Burwen SJ, et al. **Hepatology** 1985 Mar-Apr;5(2):211-4

Synthesis of heat shock proteins in rat liver after ischemia and hyperthermia. Cairo G, et al. **Hepatology** 1985 May-Jun;5(3):357-61

Production of two distinct and independent hepatic immunoregulatory molecules by the perfused rat liver. Chisari FV, et al. **Hepatology** 1985 Sep-Oct;5(5):735-43

Long-term maintenance of taurocholate uptake by adult rat hepatocytes co-cultured with a liver epithelial cell line. Foliot A, et al. **Hepatology** 1985 Mar-Apr;5(2):215-9

Sequestered tracer outflow recovery in multiple indicator dilution experiments. Goresky CA, et al. **Hepatology** 1985 Sep-Oct;5(5):805-14

The hepatotoxicity of valproic acid and its metabolites in rats. II. Intermediary and valproic acid metabolism. Granneman GR, et al. **Hepatology** 1984 Nov-Dec; 4(6):1153-8

Hereditary chronic conjugated hyperbilirubinemia in mutant rats caused by defective hepatic anion transport. Jansen PL, et al. **Hepatology** 1985 Jul-Aug;5(4):573-9

Bile alcohols in perspective. Javitt NB. **Hepatology** 1984 Sep-Oct;4(5):974-6

A carrier-protein receptor is not a prerequisite for avid hepatic elimination of highly bound compounds: a study of propranolol elimination by the isolated perfused rat liver. Jones DB, et al. **Hepatology** 1985 Jul-Aug;5(4):590-3

Plasma clearance of intravenously injected aspartate aminotransferase isozymes: evidence for preferential uptake by sinusoidal liver cells. Kamimoto Y, et al. **Hepatology** 1985 May-Jun;5(3):367-75

Origins of biliary copper. Kressner MS, et al. **Hepatology** 1984 Sep-Oct;4(5):867-70

Effects of ioglycamide on the hepatic transport of bilirubin and its mono- and diconjugates in the rat. Mesa VA, et al. **Hepatology** 1985 Jul-Aug;5(4):600-6

45Calcium uptake during the transition from reversible to irreversible liver injury induced by D-galactosamine in vivo. Schiessel C, et al. **Hepatology** 1984 Sep-Oct; 4(5):855-61

Endocytosis and binding of asialoorosomucoid by hepatocytes from rats with jejunoileal bypass. Serbource-Goguel/Seta N, et al. **Hepatology** 1985 Mar-Apr;5(2):220-3

Reduced transport of bilirubin and asialoorosomucoid in regenerating rat liver is a microtubule-independent event. Stollman YR, et al. **Hepatology** 1985 Sep-Oct;5(5):798-804

Does Z-protein have a role in transport of bilirubin and bromosulfophthalein by isolated perfused rat liver? Theilmann L, et al. **Hepatology** 1984 Sep-Oct;4(5):923-6

Sublobular compartmentation of pharmacologic events (SCOPE): metabolic fluxes in periportal and pericentral regions of the liver lobule. Thurman RG, et al. **Hepatology** 1985 Jan-Feb;5(1):144-51

Function of trace metal in experimental fulminant hepatic failure--special reference to variation in zinc content in liver. Kawanishi H, et al. **Hiroshima J Med Sci** 1984 Mar; 33(1):27-33

Liver findings in Niemann-Pick disease type C. Elleder M, et al. **Histochem J** 1984 Nov;16(11):1147-70

Lectin-binding patterns on the plasma membranes of dissociated rat liver cells. Kawakami H, et al. **Histochemistry** 1984;80(5):415-20

Quantitative histochemical assessment of regional differences in hepatic glucose uptake and release. Teutsch HF. **Histochemistry** 1985;82(2):159-64

A histochemical study about the involvement of rat liver cells in the uptake of heterologous immune complexes from the circulation. van der Laan-Klamer SM, et al. **Histochemistry** 1985;82(5):477-82

Immunoglobulin-containing cells in liver biopsies of patients with chronic hepatitis and primary biliary cirrhosis. Van Spreeuwel JP, et al. **Histopathology** 1984 Jul;8(4):559-66

Glucose 6-phosphate formation by L-type pentose phosphate pathway reactions of rat liver in vitro: further evidence. Williams JF, et al. **Hoppe Seylers Z Physiol Chem** 1984 Dec;365(12):1425-34

Effects of somatostatin, glucagon and insulin on glycogen synthesis in isolated rat hepatocytes. Bone AJ, et al. **Horm Metab Res** 1984 Oct;16(10):513-5

Hydrazonopropionic acids, a new class of hypoglycemic substances. 5. Inhibition of hepatic gluconeogenesis by 2-(3-methylcinnamyl-hydrazono)-propionate in the rat and guinea pig. Haeckel R, et al. **Horm Metab Res** 1985 Mar;17(3):115-22

Effect of zinc on insulin binding to rat adipocytes and hepatic membranes and to human placental membranes and IM-9 lymphocytes. Herington AC. **Horm Metab Res** 1985 Jul; 17(7):328-32

Effect of a single dose of triiodothyronine on the uptake of (methyl-14C)choline into chick liver phospholipids. Marino A, et al. **Horm Metab Res** 1984 Dec;16(12):638-40

In vivo and in vitro effect of liver on somatomedin generation. Minuto F, et al. **Horm Metab Res** 1984 Dec; 16(12):663-6

cAMP-independent casein kinase mediates phosphorylation of many T3-dependent phosphoproteins in rat liver cytosol. Nakamura H, et al. **Horm Metab Res** 1984 Nov; 16(11):576-80

Effects of insulin treatment on ketone body production and carnitine-palmitoyl-transferase (CPT) activity in the isolated perfused liver from streptozotocin diabetic rats. Tessari P, et al. **Horm Metab Res** 1985 Jun;17(6):271-4

O2 dependence of insulin stimulation of glucose uptake by perfused rat liver: effects of carboxyhaemoglobin and haematocrit. Topping DL, et al. **Horm Metab Res** 1985 Jun;17(6):281-4

Triiodothyronine production by isolated rat hepatocytes: characterization and lack of glucoregulatory hormone effects. Utiger RD. **Horm Metab Res** 1984 Dec;16 Suppl 1:28-31

125I-Insulin internalization by perfused rat liver: comparison of its subcellular distribution with that of a lysosomally targeted molecule, 125I-asialofetuin. Ward WF. **Horm Metab Res** 1984 Oct;16(10):509-12

Stimulatory effect of calcitonin on fatty acid synthesis in the liver of fed rats. Yamaguchi M, et al. **Horm Metab Res** 1985 Jul;17(7):346-50

Regulation of influx and efflux of thyroid hormones in rat hepatocytes: possible physiologic significance of the plasma membrane in the regulation of thyroid hormone activity. Hennemann G, et al. **Horm Metab Res [Suppl]** 1984;14:1-6

Recent studies of thyroid hormone action at the hepatocellular level. Oppenheimer JH, et al. **Horm Metab Res [Suppl]** 1984;14:6-15

Sulfation facilitates hepatic deiodination of iodothyronines. Visser TJ, et al. **Horm Metab Res [Suppl]** 1984;14:35-41

Evidence for unimpaired pancreatic secretion and hepatic removal of insulin in healthy offspring of type 2 (noninsulin-dependent) diabetic couples. Bonora E, et al. **Horm Res** 1984;20(2):138-42

Species variation in the binding of hGH to hepatic membranes. Moore WV, et al. **Horm Res** 1985;21(1):33-45

Copper binding protein in liver cells. Sumithran E, et al. **Hum Pathol** 1985 Jul;16(7):677-82

Influence of disulfiram on the metabolism of N-nitrosodiethylamine. Frank N, et al. **IARC Sci Publ** 1984; (57):519-23

Evidence for penetration of the nuclear envelope by N-nitrosomethylhydroxymethylamine. Gold B, et al. **IARC Sci Publ** 1984;(57):453-8

alpha-Hydroxylation of nitrogen-15 labelled N-nitrosamines by isolated hepatocytes. Koepke SR, et al. **IARC Sci Publ** 1984;(57):437-42

Alternative bioactivation routes for beta-hydroxynitrosamines. Biochemical and chemical model studies. Loeppky RN, et al. **IARC Sci Publ** 1984; (57):429-36

Interaction of bis- and mono-N-nitrosoureas with rat liver chromatin in vitro. Morimoto K, et al. **IARC Sci Publ** 1984; (57):709-13

Properties of the O6-alkylguanine-DNA repair system of mammalian cells. Pegg AE. **IARC Sci Publ** 1984; (57):575-80

Comparative use of fructose and glucose in human liver and fibroblastic cell cultures. Delhotal B, et al. **In Vitro** 1984 Sep;20(9):699-706

Studies on the inhibition of erythrocyte and hepatic delta-aminolevulinic acid dehydratase activities and its restoration in mice exposed to lead. Koga N, et al. **Ind Health** 1984;22(2):83-90

Effect of acetaldehyde on hepatic glucose metabolism. Prasanna CV, et al. **Indian J Biochem Biophys** 1984 Feb; 21(1):62-4

Effect of alloxan induced diabetes on 125I-insulin receptor interaction and 14C-glucose/14C-galactose homeostasis in isolated rat hepatocytes. Balapure AK, et al. **Indian J Exp Biol** 1985 Jan;23(1):63-4

Metabolism of hepatic lipids in alloxan diabetes. Chauhan UP, et al. **Indian J Exp Biol** 1984 Jul;22(7):386-90

Effect of hypothermic preservation on in vitro incorporation of 1-14C-acetate into lipids of liver. Garg S, et al. **Indian J Exp Biol** 1984 Dec;22(12):670-3

Biochemical changes in cellular constituents and some enzymes in host-tissues from Plasmodium knowlesi infected rhesus monkey (Macaca mulatta). Srivastava R, et al. **Indian J Malariol** 1984 Dec;21(2):89-97

Biochemical & immunochemical analysis of liver specific protein. Panda SK, et al. **Indian J Med Res** 1985 Jan; 81:61-7

Ribosomal protein phosphorylation induced during Q fever or by lipopolysaccharide: in vitro translation is stimulated by infected liver ribosomes. Hickey MJ, et al. **Infect Immun** 1985 Jun;48(3):690-6

Alpha 2-macroglobulin secretion enhanced in rat hepatocytes by partially characterized factor from Kupffer cells. Hirata Y, et al. **Inflammation** 1985 Jun;9(2):201-9

Comparative study on fucosylation of chicken liver and virus-induced hepatoma Mc-29. Antonova M, et al. **Int J Biochem** 1984;16(12):1313-9

Lipogenic enzyme activity and fructose 2,6-bisphosphate concentration in livers of two lines of domestic fowl (Gallus domesticus) selected for different body fat content. Bannister DW, et al. **Int J Biochem** 1984;16(12):1301-5

Interference by ethanol of coupling between gluconeogenesis and ureagenesis from proline in isolated hepatocytes. Davis EJ, et al. **Int J Biochem** 1985;17(6):727-9

Uptake of sialo and asialo transferrins by isolated rat hepatocytes. Comparison of a heterologous and a homologous system. Dekker CJ, et al. **Int J Biochem** 1985; 17(6):701-6

Study of carbohydrate metabolism in glycogen storing cell lines derived from cultured rat hepatocytes. Denis C, et al. **Int J Biochem** 1985;17(2):247-51

Specificity of the rat hepatocyte monosaccharide transporter. Elliott KR, et al. **Int J Biochem** 1984;16(12):1251-3

Activity of some enzymes involved in the metabolism of polyamines in the liver of streptozotocin-diabetic rats. Grillo MA, et al. **Int J Biochem** 1984;16(12):1345-7

Application of the reverse dept polarization-transfer pulse sequence to monitor in vitro and in vivo metabolism of 13C-ethanol by 1H-NMR spectroscopy. Irving MG, et al. **Int J Biochem** 1985;17(4):471-8

Influence of azacytidine on the induction of tyrosine aminotransferase and the NAD metabolism in rat liver. Kröger H, et al. **Int J Biochem** 1984;16(12):1387-90

Magnitude of ouabain-sensitive respiration of lamb hepatocytes (Ovis aries). McBride BW, et al. **Int J Biochem** 1985;17(1):43-9

The degradation of [125I]iodoinsulin by cytosol from rat liver and the formation of high-molecular-weight products. A study by gel chromatography. Mangnall D. **Int J Biochem** 1984;16(12):1287-94

Loss of responsiveness to glucagon following underperfusion of the isolated rat liver. Mangnall D, et al. **Int J Biochem** 1985;17(2):241-5

A possible rate limiting factor in urea synthesis by isolated hepatocytes: the transport of ornithine into hepatocytes and mitochondria. Metoki K, et al. **Int J Biochem** 1984; 16(11):1155-7

The effect of lactation on the fractional synthetic rate of protein in the liver and muscle of rats. Siebrits F, et al. **Int J Biochem** 1985;17(6):731-2

Short-term insulin infused through the portal vein enhances liver gluconeogenesis and glycogenesis from [3-14C]pyruvate in the starved rat. Soley M, et al. **Int J Biochem** 1985;17(6):689-93

Glucose infused through the portal vein enhances liver gluconeogenesis and glycogenesis from [3-14C]pyruvate in the starved rat. Soley M, et al. **Int J Biochem** 1985; 17(6):685-8

A new model-independent physiological approach to study hepatic drug clearance and its applications. Chiou WL. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):577-90 (86 ref.)

Measurement of urinary thiamine propyl disulfide metabolites as an index of liver function. Oda R, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Nov;22(11):591-4

Circadian bioavailability and some effects of propranolol in healthy subjects and in liver cirrhosis. Semenowicz-Siuda K, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec; 22(12):653-8

Sex-dependent organ distribution of radiopharmaceuticals: effect of hormones on localization of acetyl-103Ru-ruthenocene. Shani J, et al. **Int J Nucl Med Biol** 1985;12(1):13-9

The effect of dietary manipulation on hepatic lipid accumulation in rats undergoing small intestinal bypass. Kaminski DL, et al. **Int J Obes** 1985;9(1):59-68

Oral administration of liposome-entrapped cysteamine and the distribution pattern in blood, liver and spleen. Jaskierowicz D, et al. **Int J Radiat Biol** 1985 Jun; 47(6):615-9

Pantethine and pantothenate effect on the CoA content of rat liver. Branca D, et al. **Int J Vitam Nutr Res** 1984; 54(2-3):211-6

Concentration of vitamin A in the liver of foetuses and infants dying of various causes in Brasilia, Brazil. Dorea JG, et al. **Int J Vitam Nutr Res** 1984;54(2-3):119-23

Effects of riboflavin administration on the phospholipid metabolism of rat liver impaired with carbon tetrachloride. Horiuchi S, et al. **Int J Vitam Nutr Res** 1984;54(2-3):173-7

The uptake of [3H] pteroylglutamic acid into rat liver during regeneration and its incorporation into pteroylpolyglutamates of that organ. Marchetti M, et al. **Int J Vitam Nutr Res** 1985;55(1):53-8

Relationship between red blood cell and liver tocopherol concentration after administration and depletion of vitamin E. Mino M, et al. **Int J Vitam Nutr Res** 1985;55(1):47-51

Effect of starvation on degradation of rat liver nuclear proteins. Shyamala V. **Int J Vitam Nutr Res** 1984; 54(4):393-9

Molecular aspects of hepatic organic anion transport. Sottocasa GL, et al. **Ital J Biochem** 1984 Jul-Aug; 33(4):262A-266A

Effect of swine weaning age on body fat and lipogenic activity in liver and adipose tissue. Fenton JP, et al. **J Anim Sci** 1985 Jan;60(1):190-9

Epinephrine is unessential for stimulation of liver glycogenolysis during exercise. Carlson KI, et al. **J Appl Physiol** 1985 Feb;58(2):544-8

Effect of cold exposure on liver and muscle cAMP content and cAMP phosphodiesterase activity. Palmer WK, et al. **J Appl Physiol** 1985 Jan;58(1):211-6

A total hepatic induction index of metabolism for lipophilic xenobiotics. Boersma DC, et al. **J Appl Toxicol** 1984 Aug; 4(4):187-93

Stability of Aroclor 1254-induced rat liver postmitochondrial supernatant (S-9) following long-term storage (-75 degrees C). Oldham JW, et al. **J Appl Toxicol** 1985 Jun;5(3):187-91

An approach to NMR studies of the metabolism of internal organs using surface coils. London RE, et al. **J Biochem Biophys Methods** 1985 May;11(1):21-9

Association of the liver peroxisomal fatty acyl-CoA beta-oxidation system with the synthesis of bile acids. Hayashi H, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1713-9

Appearance of new hepatic glucocorticoid binding proteins under various stressful conditions: relation to endogenous glucocorticoid secretion. Hirota T, et al. **J Biochem (Tokyo)** 1985 May;97(5):1371-6

Partially purified 'activated' receptor-glucocorticoid complex from rat liver: regulation of nuclear, chromatin, and DNA-cellulose binding of 'activated' complex by pyrophosphate and ATP. Horiuchi M, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):727-37

The role of albumin in the hepatic transport of bilirubin: studies in mutant analbuminemic rats. Inoue M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):737-43

Reciprocal changes of insulin and glucagon receptors in primary cultured hepatocytes. Kashiwagi A, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):679-84

Glycosylation of a receptor specific for asialoglycoproteins in rat liver. Nakada H, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1609-17

Reciprocal expressions of alpha 1- and beta-adrenergic receptors, but constant expression of glucagon receptor by rat hepatocytes during development and primary culture. Nakamura T, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):127-36

Degradation of prostaglandin E2 in a primary culture of adult rat hepatocytes. Okumura T, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):429-36

Heterogeneity of free valine pools for protein synthesis on free and membrane-bound polysomes in rat liver. Oshita T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):651-7

Lipid composition of the plasma membrane isolated from hyperplastic nodules of rat liver. Tamiya-Koizumi K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):773-9

Stereospecific formation of (24E)-3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholest-24-en-26-oic acid and (24R,25S)-3 alpha,7 alpha,12 alpha,24-tetrahydroxy-5 beta-cholestan-26-oic acid from either (25R)- or (25S)-3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholestan-26-oic acid by rat liver homogenate. Une M, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1103-7

Variation of glutathione level and synthesis activity in chick liver due to selenium and vitamin E deficiencies. Yoshida M, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1391-7

Ionic requirements for taurocholate transport in rat liver plasma membrane vesicles. Simion FA, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):507-15

Apolipoprotein C-II mRNA levels in primate liver. Induction by estrogen in the human hepatocarcinoma cell line, HepG2. Archer TK, et al. **J Biol Chem** 1985 Feb 10; 260(3):1676-81

Contributions of fatty acid and sterol synthesis to triglyceride and cholesterol secretion by the perfused rat liver in genetic hyperlipemia and obesity. Azain MJ, et al. **J Biol Chem** 1985 Jan 10;260(1):174-81

Turnover and short-term regulation of fatty acid binding protein in liver. Bass NM, et al. **J Biol Chem** 1985 Aug 15;260(17):9603-7

Regulation of the biosynthesis of two distinct fatty acid-binding proteins in rat liver and intestine. Influences of sex difference and of clofibrate. Bass NM, et al. **J Biol Chem** 1985 Feb 10;260(3):1432-6

The regulation of acetoacetyl-CoA synthetase activity by modulators of cholesterol synthesis in vivo and the utilization of acetoacetate for cholesterogenesis. Bergstrom JD, et al. **J Biol Chem** 1984 Dec 10;259(23):14548-53

Kinetics of proteoheparan sulfate synthesis, secretion, endocytosis, and catabolism by a hepatocyte cell line. Bienkowski MJ, et al. **J Biol Chem** 1984 Nov 10; 259(21):12989-96

Alpha- and beta-adrenergic stimulation of parenchymal cell Ca2+ influx. Influence of extracellular pH. Blackmore PF, et al. **J Biol Chem** 1984 Oct 25;259(20):12322-5

Stimulation of glycogenolysis and platelet-activating factor production by heat-aggregated immunoglobulin G in the perfused rat liver. Buxton DB, et al. **J Biol Chem** 1984 Nov 25;259(22):13758-61

Is glycosylation in the liver needed for insulin binding, processing, and action? Evidence for heterogeneity. Caro JF, et al. **J Biol Chem** 1984 Oct 25;259(20):12810-6

Direct evidence for the transmembrane orientation of the hepatic glycoprotein receptors. Chiacchia KB, et al. **J Biol Chem** 1984 Dec 25;259(24):15440-6

Recycling of the asialoglycoprotein receptor in isolated rat hepatocytes. ATP depletion blocks receptor recycling but not a single round of endocytosis. Clarke BL, et al. **J Biol Chem** 1985 Jan 10;260(1):128-33

Purification and preliminary characterization of a macromolecular inhibitor of glucocorticoid receptor binding to DNA. Dahmer MK, et al. **J Biol Chem** 1985 Jun 25;260(12):7705-15

Acid-catalyzed formation of isoprene from a mevalonate-derived product using a rat liver cytosolic fraction. Deneris ES, et al. **J Biol Chem** 1985 Feb 10; 260(3):1382-5

Rat transthyretin (prealbumin). Molecular cloning, nucleotide sequence, and gene expression in liver and brain. Dickson PW, et al. **J Biol Chem** 1985 Jul 5;260(13):8214-9

Activation of the rat liver cytosol glucocorticoid receptor by sephacryl S-300 filtration in the presence and absence of molybdate. Physical properties of the receptor and evidence for an activation inhibitor. Distelhorst CW, et al. **J Biol Chem** 1985 Feb 25;260(4):2153-9

Effect of the threonine analog beta-hydroxynorvaline on the glycosylation and secretion of alpha 1-acid glycoprotein by rat hepatocytes. Docherty PA, et al. **J Biol Chem** 1985 Sep 5;260(19):10847-55

Carrier-mediated uptake of lactate in rat hepatocytes. Effects of pH and possible mechanisms for L-lactate transport. Fafournoux P, et al. **J Biol Chem** 1985 Jan 10;260(1):292-9

Evidence that changes in hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity are required partly to maintain a constant rate of sterol synthesis. Gibbons GF, et al. **J Biol Chem** 1984 Dec 10;259(23):14399-405

Uptake of high-density lipoprotein-associated apoprotein A-I and cholesterol esters by 16 tissues of the rat in vivo and by adrenal cells and hepatocytes in vitro. Glass C, et al. **J Biol Chem** 1985 Jan 25;260(2):744-50

Characterization of the rat liver glucocorticoid receptor purified by DNA-cellulose and ligand affinity chromatography. Govindan MV, et al. **J Biol Chem** 1984 Oct 25;259(20):12915-24

Purified rat hepatic beta 2-adrenergic receptor. Structural similarities to the rat fat cell beta 1-adrenergic receptor. Graziano MP, et al. **J Biol Chem** 1985 Jun 25; 260(12):7665-74

Selective intracellular degradation of fibrinogen and its reversal in cultured hepatocytes. Grieninger G, et al. **J Biol Chem** 1984 Dec 10;259(23):14973-8

Proof that the endogenous, heat-stable glucocorticoid receptor-activating factor is thioredoxin. Grippo JF, et al. **J Biol Chem** 1985 Jan 10;260(1):93-7

Differential regulation of alpha 2u globulin gene expression in liver, lachrymal gland, and salivary gland. Gubits RM, et al. **J Biol Chem** 1984 Oct 25;259(20):12803-9

Purification of a receptor for formaldehyde-treated serum albumin from rat liver. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):482-8

Characterization of a membrane-associated receptor from rat sinusoidal liver cells that binds formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):475-81

Kinetic identification of a two-state glucagon receptor system in isolated hepatocytes. Interconversion of homogeneous receptors. Horwitz EM, et al. **J Biol Chem** 1985 Aug 5;260(16):9307-15

Chloroquine-induced phospholipid fatty liver. Measurement of drug and lipid concentrations in rat liver lysosomes. Hostetler KY, et al. **J Biol Chem** 1985 Jan 10;260(1):215-9

Binding of chylomicron remnants and beta-very low density lipoproteins to hepatic and extrahepatic lipoprotein receptors. A process independent of apolipoprotein B48. Hui DY, et al. **J Biol Chem** 1984 Dec 25;259(24):15060-8

Conversion of adrenergic mechanism from an alpha- to a beta-type during primary culture of rat hepatocytes. Accompanying decreases in the function of the inhibitory guanine nucleotide regulatory component of adenylate cyclase identified as the substrate of islet-activating protein. Itoh H, et al. **J Biol Chem** 1984 Dec 25;259(24):15464-73

Demonstration of high affinity fibronectin receptors on rat hepatocytes in suspension. Johansson S. **J Biol Chem** 1985 Feb 10;260(3):1557-61

pH dependence of hormonal regulation of gluconeogenesis and urea synthesis from glutamine in suspensions of hepatocytes. Kashiwagura T, et al. **J Biol Chem** 1985 Jan 10;260(1):407-14

Hepatic adenylate cyclase. Development-dependent coupling to the beta-adrenergic receptor in the neonate. Kawai Y, et al. **J Biol Chem** 1985 Sep 5;260(19):10826-32

Expression of a mammalian fatty acid-binding protein in Escherichia coli. Lowe JB, et al. **J Biol Chem** 1984 Oct 25;259(20):12696-704

Studies on the hepatic alpha 1-adrenergic receptor. Modulation of guanine nucleotide effects by calcium, temperature, and age. Lynch CJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1593-600

Translational control of the circadian rhythm of liver sterol carrier protein. Analysis of mRNA sequences with a specific cDNA probe. McGuire DM, et al. **J Biol Chem** 1985 May 10;260(9):5435-9

Estradiol-induced alteration of very-low-density lipoprotein assembly. Possible competition among apoproteins for incorporation into nascent very-low-density lipoprotein. Miller KW, et al. **J Biol Chem** 1984 Dec 25; 259(24):15277-86

(Cu,Zn)-metallothioneins from fetal bovine liver. Chemical and spectroscopic properties. Münger K, et al. **J Biol Chem** 1985 Aug 25;260(18):10032-8

Phytanic acid alpha-oxidation in rat liver. Requirement of cytosolic factor. Muralidharan VB, et al. **J Biol Chem** 1984 Nov 10;259(21):13021-6

Spermine. A regulator of mitochondrial calcium cycling. Nicchitta CV, et al. **J Biol Chem** 1984 Nov 10; 259(21):12978-83

Multiple fibronectin subunits and their post-translational modifications. Paul JI, et al. **J Biol Chem** 1984 Nov 10; 259(21):13477-87

The sugar phosphate specificity of rat hepatic 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. Pilkis SJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7551-6

A regulatory calcium-binding site for calcium channel in isolated rat hepatocytes. Poggioli J, et al. **J Biol Chem** 1985 Mar 25;260(6):3289-94

Transcriptional regulation of type I collagen genes in cultured fibroblasts by a factor isolated from thioacetamide-induced fibrotic rat liver. Raghow R, et al. **J Biol Chem** 1984 Oct 25;259(20):12718-23

De novo pyrimidine biosynthesis in isolated rat hepatocytes

Quantitative aspects of the regulation by UTP. Rasenack J, et al. **J Biol Chem** 1985 Apr 10;260(7):4145-50

A hepatocyte receptor for high-density lipoproteins specific for apolipoprotein A-I. Rifici VA, et al. **J Biol Chem** 1984 Nov 25;259(22):13814-8

Galactoside-binding serum lectin of Xenopus laevis. Estrogen-dependent hepatocyte synthesis and relationship to oocyte lectin. Roberson MM, et al. **J Biol Chem** 1985 Sep 15;260(20):11027-32

Inhibition of lipid synthesis by beta beta'-tetramethyl-substituted, C14-C22, alpha, omega-dicarboxylic acids in cultured rat hepatocytes. Rose-Kahn G, et al. **J Biol Chem** 1985 Jul 15;260(14):8411-5

Cleavage of growth hormone by rabbit liver plasmalemma enhances binding. Schepper JM, et al. **J Biol Chem** 1984 Nov 10;259(21):12945-8

Purification and characterization of cytosolic liver protein facilitating heme transport into apocytochrome b5 from mitochondria. Evidence for identifying the heme transfer protein as belonging to a group of glutathione S-transferases. Senjo M, et al. **J Biol Chem** 1985 Aug 5;260(16):9191-6

Phosphorylation of rat liver glucocorticoid receptor. Singh VB, et al. **J Biol Chem** 1985 Mar 25;260(6):3684-90

Biosynthesis of cholestanol from bile acid intermediates in the rabbit and the rat. Skrede S, et al. **J Biol Chem** 1985 Jan 10;260(1):77-81

Hemopexin-mediated heme transport to the liver. Evidence for a heme-binding protein in liver plasma membranes. Smith A, et al. **J Biol Chem** 1985 Jul 15;260(14):8325-9

Hemopexin-mediated heme uptake by liver. Characterization of the interaction of heme-hemopexin with isolated rabbit liver plasma membranes. Smith A, et al. **J Biol Chem** 1984 Oct 10;259(19):12049-53

The mechanism of pantothenate transport by rat liver parenchymal cells in primary culture. Smith CM, et al. **J Biol Chem** 1985 Apr 25;260(8):4823-31

Tumor-specific, hypomodified phenylalanyl-tRNA is utilized in translation in preference to the fully modified isoacceptor of normal cells. Smith DW, et al. **J Biol Chem** 1985 Jan 10;260(1):147-51

Pathway of glycogen synthesis from glucose in hepatocytes maintained in primary culture. Spence JT, et al. **J Biol Chem** 1985 Feb 10;260(3):1521-6

A single enzyme catalyzes the synthesis of the mannosylphosphoryl derivative of dolichol and retinol in rat liver and Chinese hamster ovary cells. Stoll J, et al. **J Biol Chem** 1985 Jan 10;260(1):232-6

Insulin and epidermal growth factor do not affect phosphoinositide metabolism in rat liver plasma membranes and hepatocytes. Taylor D, et al. **J Biol Chem** 1985 Feb 25;260(4):2011-4

Identification and characterization of ATP-dependent proton transport by rat liver multivesicular bodies. Van Dyke RW, et al. **J Biol Chem** 1985 Sep 15;260(20):11021-6

L(+)-Lactate binding to preparations of rat hepatocyte plasma membranes. Welch SG, et al. **J Biol Chem** 1984 Dec 25;259(24):15264-71

Swainsonine inhibits glycoprotein degradation by isolated rat liver lysosomes. Winkler JR, et al. **J Biol Chem** 1984 Dec 25;259(24):15369-72

Biosynthesis of rat insulin-like growth factor II. I. Immunochemical demonstration of a approximately 20-kilodalton biosynthetic precursor of rat insulin-like growth factor II in metabolically labeled BRL-3A rat liver cells. Yang YW, et al. **J Biol Chem** 1985 Feb 25;260(4):2570-7

Spectroscopic properties of the alpha fragment of metallothionein. Zelazowski AJ, et al. **J Biol Chem** 1984 Nov 10;259(21):12960-3

Effects of various antihypertensive agents on lipid metabolism: alterations in the pattern of lipids synthesized from [14C]oleate in rat liver in vitro. Bell FP. **J Cardiovasc Pharmacol** 1985 May-Jun;7(3):443-8

Inhibition of hepatic cholesterol and triglyceride synthesis by guanabenz acetate. Capuzzi DM, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S847-52

Hepatocyte uptake of alpha 1-proteinase inhibitor-trypsin complexes in vitro: evidence for a shared uptake mechanism for proteinase complexes of alpha 1-proteinase inhibitor and antithrombin III. Fuchs HE, et al. **J Cell Biochem** 1984;25(4):231-43

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. I. Functional tests on rat liver microsomal subfractions. Amar-Costesec A, et al. **J Cell Biol** 1984 Dec;99(6):2247-53

Biosynthesis of high density lipoprotein by chicken liver: conjugation of nascent lipids with apoprotein A1. Banerjee D, et al. **J Cell Biol** 1984 Dec;99(6):1917-26

Transport of epidermal growth factor by rat liver: evidence for a nonlysosomal pathway. Burwen SJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1259-65

SERGE, the subcellular site of initial hepatic glycogen deposition in the rat: a radioautographic and cytochemical study. Cardell RR Jr, et al. **J Cell Biol** 1985 Jul;101(1):201-6

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. II. Rat liver microsomal subfractions contain equimolar amounts of ribophorins and ribosomes. Marcantonio EE, et al. **J Cell Biol** 1984 Dec;99(6):2254-9

Uptake of chemically modified low density lipoproteins in vivo is mediated by specific endothelial cells. Pitas RE, et al. **J Cell Biol** 1985 Jan;100(1):103-17

Heparan sulfate proteoglycans are concentrated on the sinusoidal plasmalemmal domain and in intracellular organelles of hepatocytes. Stow JL, et al. **J Cell Biol** 1985 Mar;100(3):975-80

Activation of collagen synthesis in primary culture of rat liver parenchymal cells (hepatocytes). Hata R, et al. **J Cell Physiol** 1985 Mar;122(3):333-42

Effect of cell density on metabolism in isolated rat hepatocytes. Jurin RR, et al. **J Cell Physiol** 1985 Jun;123(3):442-8

Amino acid activation of amino acid transport System N early in primary cultures of rat hepatocytes. Weissbach L, et al. **J Cell Physiol** 1984 Oct;121(1):133-8

Renal and hepatic extraction of carboxyl-terminal immunoreactive parathyrin in normal man. Fogh-Andersen N, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):479-82

Hepatic bioavailability of thyroxine and testosterone in familial dysalbuminemic hyperthyroxinemia. Cefalu WT, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):783-6

Effects of antiinsulin receptor antibodies on amino acid uptake by cultured rat hepatocytes. Shimoyama R, et al. **J Clin Endocrinol Metab** 1985 May;60(5):928-33

Differential permeability of uterine and liver vascular beds to estrogens and estrogen conjugates. Verheugen C, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1128-32

Evidence that 1,25-dihydroxyvitamin D3 inhibits the hepatic production of 25-hydroxyvitamin D in man. Bell NH, et al. **J Clin Invest** 1984 Oct;74(4):1540-4

The glucose paradox. Is glucose a substrate for liver metabolism? Katz J, et al. **J Clin Invest** 1984 Dec;74(6):1901-9 (68 ref.)

Hepatic messenger ribonucleic acid activity profiles in experimental azotemia in the rat. Relationship to food intake and thyroid function. Kinlaw WB, et al. **J Clin Invest** 1984 Dec;74(6):1934-41

Glucagon receptor of human liver. Studies of its molecular weight and binding properties, and its ability to activate hepatic adenylyl cyclase of non-obese and obese subjects. Livingston JN, et al. **J Clin Invest** 1985 Feb;75(2):397-403

Evidence for carrier-mediated chloride/bicarbonate exchange in canalicular rat liver plasma membrane vesicles. Meier PJ, et al. **J Clin Invest** 1985 Apr;75(4):1256-63

Regulation of biliary cholesterol secretion in the rat. Role of hepatic cholesterol esterification. Nervi F, et al. **J Clin Invest** 1984 Dec;74(6):2226-37

Sinusoidal efflux of glutathione in the perfused rat liver. Evidence for a carrier-mediated process. Ookhtens M, et al. **J Clin Invest** 1985 Jan;75(1):258-65

Production of chemotactic activity for polymorphonuclear leukocytes by cultured rat hepatocytes exposed to ethanol. Perez HD, et al. **J Clin Invest** 1984 Oct;74(4):1350-7

Comparison of hepatic elimination of different forms of cholecystokinin in dogs. Bioassay and radioimmunoassay comparisons of cholecystokinin-8-sulfate and -33-sulfate. Sakamoto T, et al. **J Clin Invest** 1985 Jan;75(1):280-5

Comparative effects of cholestanol and cholesterol on hepatic sterol and bile acid metabolism in the rat. Shefer S, et al. **J Clin Invest** 1984 Nov;74(5):1773-81

Renal and hepatic concentrations of platinum: relationship to cisplatin time, dose, and nephrotoxicity. Stewart DJ, et al. **J Clin Oncol** 1985 Sep;3(9):1251-6

Hepatic copper distribution in primary biliary cirrhosis shown by the scanning proton microprobe. Vaux DJ, et al. **J Clin Pathol** 1985 Jun;38(6):653-8

Inhibition of cyclic AMP-dependent protein kinase-induced changes in the kinetic properties of hepatic pyruvate kinase by the specific cyclic AMP antagonist, the (Rp)-diastereomer of adenosine cyclic 3',5'-phosphorothioate. Dragland-Meserve CJ, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(4):371-82

Hepatic gluconeogenic and ketogenic interrelationships in the lactating cow. Aiello RJ, et al. **J Dairy Sci** 1984 Aug;67(8):1707-15

Characterization of lactogenic hormone binding to membranes from ovine and bovine mammary gland and liver. Akers RM, et al. **J Dairy Sci** 1984 Oct;67(10):2224-35

In vitro hepatic gluconeogenesis and ketogenesis as affected by prolonged ketonemia-glucosuria and fasting in steers. Lyle RR, et al. **J Dairy Sci** 1984 Oct;67(10):2283-93

In vitro hepatic gluconeogenesis during experimental ketosis produced in steers by 1,3-butanediol and phlorizin. Mills SE, et al. **J Dairy Sci** 1984 Oct;67(10):2265-73

The effect of maternal diet during late pregnancy on postnatal changes in blood and liver metabolites and hepatic hydroxymethylglutaryl-CoA synthase activity in the offspring. Caswell AM, et al. **J Dev Physiol** 1985 Apr;7(2):119-34

Gluconeogenesis by the fetal sheep liver in vivo. Gleason CA, et al. **J Dev Physiol** 1985 Jun;7(3):185-94

Lactate uptake by the fetal sheep liver. Gleason CA, et al. **J Dev Physiol** 1985 Jun;7(3):177-83

Prolactin permits the expression of a circadian variation in insulin receptor profile in hepatocytes of the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1985 Aug;106(2):177-81

Prolactin permits the expression of a circadian variation in lipogenic responsiveness to insulin in hepatocytes of the golden hamster (Mesocricetus auratus). Cincotta AH, et al. **J Endocrinol** 1985 Aug;106(2):173-6

Ovarian-splenic autotransplantation: evidence that oestrogen does not inhibit hepatic somatomedin generation. Clark RG, et al. **J Endocrinol** 1984 Oct;103(1):43-7

Effect of insulin on free fatty acid uptake by hepatocytes in the duck. Gross R, et al. **J Endocrinol** 1984 Sep;102(3):381-6

Thyroid hormone binding in rat liver cytosol. Morgan G. **J Endocrinol** 1984 Dec;103(3):265-71

Age, sex and gonadal influences on oestrogen receptor content in the rat liver. Rochman H, et al. **J Endocrinol** 1985 Jul;106(1):95-102

Liver angiotensin II receptors in the rat: binding properties and regulation by dietary Na+ and angiotensin II. Sernia C, et al. **J Endocrinol** 1985 Jul;106(1):103-11

Inhibitory effect of colchicine and vinblastine on transport of glucagon receptors to the plasma membrane in cultured rat hepatocytes. Watanabe J, et al. **J Endocrinol** 1985 Jul;106(1):125-31

Hydrolytic and metabolic products of acephate in water and mouse liver. Chukwudebe AC, et al. **J Environ Sci Health [B]** 1984 Aug;19(6):501-22

Pretranslational modulation of acute phase hepatic protein synthesis by murine recombinant interleukin 1 (IL-1) and purified human IL-1. Ramadori G, et al. **J Exp Med** 1985 Sep 1;162(3):930-42

Oxidation of oxalate and polyamines by rat peroxisomes. Beard ME, et al. **J Histochem Cytochem** 1985 May;33(5):460-4

Comparison of the impact of continuous and intermittent exposure to vinyl chloride, including phenobarbital effect. Jedrychowski RA, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):111-20

Renal metabolism in mice of exogenously administered 125I labelled renin. Nakamura N, et al. **J Hypertens** 1984 Jun;2(3):241-8

Effects of haemorrhagic hypotension on brain and liver metabolism in normotensive (WKY) and spontaneously hypertensive rats (SHR). Wennberg E, et al. **J Hypertens** 1983 Oct;1(3):221-6

Age-dependent loss of dimeric immunoglobulin A receptors in the liver of the Fischer 344 rat. Daniels CK, et al. **J Immunol** 1985 Jun;134(6):3855-8

Regulation of secretory component by glucocorticoids in primary cultures of rat hepatocytes. Wira CR, et al. **J Immunol** 1985 Mar;134(3):1744-8

Effect of a transported ligand on the binding of albumin to rat liver cells. Fleischer AB, et al. **J Lab Clin Med** 1985 Feb;105(2):185-9

Human circulating monocytes internalize 125I-insulin in a similar fashion to rat hepatocytes: relevance to receptor regulation in target and nontarget tissues. Grunberger G, et al. **J Lab Clin Med** 1985 Aug;106(2):211-7

Effect of cholestasis on hepatic transport of 99mtechnetium p-isopropyl-iminodiacetic acid. Knodell RG, et al. **J Lab Clin Med** 1984 Oct;104(4):517-27

Covalent binding of acetaldehyde to hepatic proteins during ethanol oxidation. Medina VA, et al. **J Lab Clin Med** 1985 Jan;105(1):5-10

Biosynthesis of plasminogen by the perfused rat liver. Owens MR, et al. **J Lab Clin Med** 1985 Mar;105(3):368-73

Effects of iron loading and bacillus Calmette-Guerin on a glycoprotein recognition system on rat hepatic sinusoidal cells. Parise ER, et al. **J Lab Clin Med** 1984 Dec;104(6):908-20

Metabolism of glycosylated human salivary amylase: in vivo plasma clearance by rat hepatic endothelial cells and in vitro receptor mediated pinocytosis by rat macrophages. Niesen TE, et al. **J Leukocyte Biol** 1984 Sep;36(3):307-20

Modification of human high density lipoprotein (HDL3) with tetranitromethane and the effect on its binding to isolated rat liver plasma membranes. Chacko GK. **J Lipid Res** 1985 Jun;26(6):745-54

Interactions between fatty acid synthesis, oxidation, and esterification in the production of triglyceride-rich lipoproteins by the liver. Fukuda N, et al. **J Lipid Res** 1984 Aug;25(8):831-42

Changes in the sensitivity of lipogenesis in rat hepatocytes to hormones and precursors over the diurnal cycle and during longer-term starvation of donor animals. Gibbons GF, et al. **J Lipid Res** 1984 Dec 1;25(12):1358-67

A multicompartmental model of vitamin A kinetics in rats with marginal liver vitamin A stores. Green MH, et al. **J Lipid Res** 1985 Jul;26(7):806-18

The roles of Golgi and endoplasmic reticulum in the synthesis and assembly of lipoprotein lipids in rat hepatocytes. Higgins JA, et al. **J Lipid Res** 1984 Dec 1;25(12):1295-305

Effects of the degree of saturation of dietary fat on the hepatic production of lipoproteins in the African green monkey. Johnson FL, et al. **J Lipid Res** 1985 Apr;26(4):403-17

Uptake and processing of remnants of chylomicrons and very low density lipoproteins by rat liver. Jones AL, et al. **J Lipid Res** 1984 Nov;25(11):1151-8

Hepatic uptake of chylomicrons and triglyceride emulsions in rats fed diets of differing fat content. Kortz WJ, et al. **J Lipid Res** 1984 Aug;25(8):799-804

Excretion of cholate glucuronide. Little JM, et al. **J Lipid Res** 1985 May;26(5):583-92

Hepatic triacylglycerol synthesizing activity during progression of alcoholic liver injury in the baboon.

Savolainen MJ, et al. **J Lipid Res** 1984 Aug;25(8):813-20

Rates of low density lipoprotein uptake and cholesterol synthesis are regulated independently in the liver. Spady DK, et al. **J Lipid Res** 1985 Apr;26(4):465-72

Role of acyl-CoA: cholesterol acyltransferase in cellular cholesterol metabolism. Suckling KE, et al. **J Lipid Res** 1985 Jun;26(6):647-71 (166 ref.)

Early effects of dietary orotic acid upon liver lipid synthesis and bile cholesterol secretion in rats. Tokmakjian SD, et al. **J Lipid Res** 1985 Apr;26(4):478-86

Inhibitory effects of C apolipoproteins from rats and humans on the uptake of triglyceride-rich lipoproteins and their remnants by the perfused rat liver. Windler E, et al. **J Lipid Res** 1985 May;26(5):556-65

Regulated biosynthesis and divergent metabolism of three forms of hepatic apolipoprotein B in the rat. Windmueller HG, et al. **J Lipid Res** 1985 Jan;26(1):70-81

Hepatic and renal erythropoietin production during various intervals of short-term hypoxia. Naughton BA, et al. **J Med** 1984;15(1):45-58

A water-soluble cholesteryl-containing trisgalactoside: synthesis, properties, and use in directing lipid-containing particles to the liver. Kempen HJ, et al. **J Med Chem** 1984 Oct;27(10):1306-12

Metabolism of the nigrostriatal toxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine by liver homogenate fractions. Weissman J, et al. **J Med Chem** 1985 Aug;28(8):997-1001

Transcriptional and post-transcriptional control of specific messenger RNAs in adult and embryonic liver. Powell DJ, et al. **J Mol Biol** 1984 Oct 15;179(1):21-35

Biosynthesis of 5-aminopentanoic acid and 2-piperidone from cadaverine and 1-piperideine in mouse. Callery PS, et al. **J Neurochem** 1984 Dec;43(6):1631-4

Rapid clearance of iodine-131 MIBG from the heart and liver of patients with adrenergic dysfunction and pheochromocytoma. Nakajo M, et al. **J Nucl Med** 1985 Apr;26(4):357-65

Gallium-67 uptake by the liver: studies using isolated rat hepatocytes and perfused livers. Scheffel U, et al. **J Nucl Med** 1984 Oct;25(10):1094-100

Gluconeogenesis from dihydroxyacetone in rat hepatocytes during the shift from a low protein, high carbohydrate to a high protein, carbohydrate-free diet. Azzout B, et al. **J Nutr** 1984 Nov;114(11):2167-78

Carnitine levels in iron-deficient rat pups. Bartholmey SJ, et al. **J Nutr** 1985 Jan;115(1):138-45

Relationship between vitamin A and iron in the liver [letter] Barua S, et al. **J Nutr** 1985 Jul;115(7):951-2

Effect of dietary restriction on liver protein synthesis in rats. Birchenall-Sparks MC, et al. **J Nutr** 1985 Jul;115(7):944-50

Spatial distribution of retinol-binding protein and retinyl palmitate hydrolase activity in normal and vitamin A-deficient rat liver. Blaner WS, et al. **J Nutr** 1985 Jul;115(7):856-64

Hepatic level of rat albumin messenger RNA is influenced by factors other than dietary protein. Castro CE, et al. **J Nutr** 1985 Apr;115(4):491-5

Frequency and sequence complexity of liver poly(A)+ mRNAs from rats fed fat-free or high fat diets. Castro CE, et al. **J Nutr** 1984 Oct;114(10):1917-23

Tissue glutathione as a cyst(e)ine reservoir during cystine depletion in growing rats. Cho ES, et al. **J Nutr** 1984 Oct;114(10):1853-62

Effects of varying dietary iron on the expression of copper deficiency in the growing rat: anemia, ferroxidase I and II, tissue trace elements, ascorbic acid, and xanthine dehydrogenase. Cohen NL, et al. **J Nutr** 1985 May;115(5):633-49

Enhanced uptake of insulin and glucagon by liver in rats adapted to a high protein diet. Demigne C, et al. **J Nutr** 1985 Aug;115(8):1065-72

The effects of zinc deficiency on turnover of cadmium-metallothionein in rat liver. Held DD, et al. **J Nutr** 1984 Dec;114(12):2274-82

Effects of biotin deficiency on polyunsaturated fatty acid metabolism in rats. Kramer TR, et al. **J Nutr** 1984 Nov;114(11):2047-52

Effect of zinc deficiency on methionine metabolism, methylation reactions and protein synthesis in isolated perfused rat liver. Wallwork JC, et al. **J Nutr** 1985 Feb;115(2):252-62

Effect of tryptophan and/or casein supplementation on NAD levels in livers of the rats fed on niacin- and protein-free diet. Hayakawa T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):303-6

The influence of marine oil intake upon levels of lipids, alpha-tocopherol and lipid peroxidation in serum and liver of rats. Mouri K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):307-18

Effects of Okinawan sugar cane wax and fatty alcohol on serum and liver lipids in the rat. Sho H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):553-9

Dietary effects on liver and muscle glycogen repletion in exhaustively exercised rats: energy composition and type of complex carbohydrates. Suzuki M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):453-66

Variation of cysteine level by chlorobenzene-induced pertubation of glutathione metabolism in rat liver. Yoshida M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):69-76

Hepatic aluminum accumulation in children on total parenteral nutrition. Klein GL, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):740-3

Biotransformation of the topical glucocorticoids budesonide and beclomethasone 17 alpha,21-dipropionate in human liver and lung homogenate. Andersson P, et al. **J Pharm Pharmacol** 1984 Nov;36(11):763-5

Influence of serum protein binding on hepatic clearance of S-disopyramide in the rabbit. Huang JD, et al. **J Pharm Pharmacol** 1985 Jul;37(7):471-5

Effect of age on the hepatic clearance of propranolol in rats. Iwamoto K, et al. **J Pharm Pharmacol** 1985 Jul;37(7):466-70

The inhibitory effects of ranitidine and cimetidine on propranolol elimination by the rat isolated perfused liver. Jones DB, et al. **J Pharm Pharmacol** 1985 Mar;37(3):196-8

A carrier-mediated transport system for benzylpenicillin in isolated hepatocytes. Tsuji A, et al. **J Pharm Pharmacol** 1985 Jan;37(1):55-7

The effect of some benzimidazoles on the disposition of antipyrine and tolbutamide from the rat isolated perfused liver. Ward SA, et al. **J Pharm Pharmacol** 1985 Jan;37(1):62-4

Variation in hepatic extraction ratio with unbound drug fraction: discrimination between models of hepatic drug elimination. Byrne AJ, et al. **J Pharm Sci** 1985 Feb;74(2):205-7

Evidence favoring the venous equilibrium model for hepatic clearance of (S)-(--)-propranolol. Edwards DJ. **J Pharm Sci** 1984 Oct;73(10):1498-9

Inhibition of 5 beta-dihydrocortisone reduction in rat liver cytosol: a rapid spectrophotometric screen for nonsteroidal anti-inflammatory drug potency. Penning TM. **J Pharm Sci** 1985 Jun;74(6):651-4

Hepatic elimination--dispersion model. Roberts MS, et al. **J Pharm Sci** 1985 May;74(5):585-7

In vitro dehalogenation of para-substituted aromatic halides in rat liver preparations. Scott MT, et al. **J Pharm Sci** 1984 Aug;73(8):1101-4

Interpretation of area under the curve measurements for drugs subject to enterohepatic cycling. Shepard TA, et al. **J Pharm Sci** 1985 Feb;74(2):227-8

Heterogeneous distribution of conjugation activities of harmol in isolated rat liver cells. Araya H, et al. **J Pharmacobiodyn** 1984 Sep;7(9):624-9

The effect of albumin on the uptake of bromosulfophthalein by isolated rat hepatocytes. Mizuma T, et al. **J Pharmacobiodyn** 1985 Feb;8(2):90-4

Multiple forms of aryl sulfotransferase for acetaminophen sulfate conjugation in rat liver cytosol. Mizuma T, et al. **J Pharmacobiodyn** 1984 Oct;7(10):784-9

Effect of liver S9 from 3,4,5,3',4'-pentachlorobiphenyl-pretreated rats on the mutagenic activity of the various carcinogens toward Salmonella typhimurium TA 98. Ozawa N, et al. **J Pharmacobiodyn** 1985 Mar;8(3):199-205

Pharmacokinetic study of the enterohepatic circulation of acetaminophen glucuronide in rats. Watari N, et al. **J Pharmacobiodyn** 1984 Nov;7(11):811-9

Nonlinear formation of propranolol metabolites in dogs after portacaval transpositions. Lo MW, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):401-12

Protein binding and hepatic clearance: discrimination between models of hepatic clearance with diazepam, a drug of high intrinsic clearance, in the isolated perfused rat liver preparation. Rowland M, et al **J Pharmacokinet Biopharm** 1984 Apr;12(2):129-47

Influence of hepatic oxidative metabolism on the immunosuppressive activities of 6-thiopurines. Abraham RT, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):670-6

Effect of hypoxia and pregnancy on antipyrine metabolism in isolated perfused rat livers. Brouwer KL, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):584-9

Ibuprofen stereoisomer hepatic clearance and distribution in normal and fatty in situ perfused rat liver. Cox JW, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):636-43

Alteration of transit time and direction of flow to probe the heterogeneous distribution of conjugating activities for harmol in the perfused rat liver preparation. Dawson JR, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):691-7

Disposition of beta-glucuronidase-resistant 'glucuronides' of valproic acid after intrabiliary administration in the rat: intact absorption, fecal excretion and intestinal hydrolysis. Dickinson RG, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):214-21

Mechanism of uptake of dihydroergotamine by isolated rat hepatocytes: effect of troleandomycin. Dumont M, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):239-43

Opioid effects on hepatic disposition of dyes in mice. Hurwitz A, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):617-23

Effects of albumin and alpha-1 acid glycoprotein on elimination of prazosin and antipyrine in the isolated perfused rat liver. Oie S, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):636-40

Disposition of enalapril in the perfused rat intestine-liver preparation: absorption, metabolism and first-pass effect. Pang KS, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):788-95

Arachidonic acid metabolism by rat liver cells (the C-9 cell line). Rigas A, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):230-5

Metabolic activation of phosphorothioate pesticides: role of the liver. Sultatos LG, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):624-8

Reduced extraction of l-propranolol by perfused rat liver in the presence of uremic blood. Terao N, et al. **J Pharmacol Exp Ther** 1985 May;233(2):277-84

An all-glass apparatus for liver perfusion of lipophilic substrates. I. Construction and physical characteristics. Connors S, et al. **J Pharmacol Methods** 1985 Feb;13(1):83-94

An assessment of the suitability of a modified technique of in situ rat-liver perfusion for the study of certain hepatic drug-drug interactions. Maguire TA, et al. **J Pharmacol Methods** 1984 Dec;12(4):265-83

Effects of apamin, quinine and neuromuscular blockers on calcium-activated potassium channels in guinea-pig hepatocytes. Cook NS, et al. **J Physiol (Lond)** 1985 Jan;358:373-94

Changes in liver function tests associated with parenteral nutrition. Watters DA, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):339-44

The role of phosphatidylinositol 4,5 bisphosphate breakdown in cell-surface receptor activation. Kirk CJ, et al. **J Recept Res** 1984;4(1-6):489-504

Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats. Lüthy IA, et al. **J Recept Res** 1985;5(1):105-19

Use of a new radioactive ligand, 7 alpha, 17 alpha-dimethyl[17 alpha-methyl 3H]19-nortestosterone for the estimation of androgen receptors in rat liver cytosol. Bannister P, et al. **J Steroid Biochem** 1985 Jul;23(1):121-3

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations--II. Inhibition studies. Brueggemeier RW, et al. **J Steroid Biochem** 1984 Dec;21(6):709-16

15- and 16-hydroxylations of androgens and estrogens in the human fetal liver: a critical step in estetrol biosynthesis. Cantineau R, et al. **J Steroid Biochem** 1985 Feb;22(2):195-201

Oxidoreductive and hydroxylating metabolism of progesterone in rat liver epithelial cell lines. Desgrès J, et al. **J Steroid Biochem** 1984 Oct;21(4):391-403

Characterization of a [3H]methyltrienolone (R1881) binding protein in rat liver cytosol. Levinson DJ, et al. **J Steroid Biochem** 1985 Feb;22(2):211-9

Modulation of DNA binding of glucocorticoid receptor by aurintricarboxylic acid. Moudgil VK, et al. **J Steroid Biochem** 1985 Aug;23(2):125-32

Regulation of aromatic oxidation of estradiol-17 beta in maternal hepatic, fetal hepatic and placental tissues: comparative effects of a series of inducing agents. Namkung MJ, et al. **J Steroid Biochem** 1985 Apr;22(4):563-7

Correlation of hepatic cytosolic androgen binding proteins with androgen induction of hepatic microsomal ethylmorphine N-demethylase in the rat. Rumbaugh RC, et al. **J Steroid Biochem** 1984 Sep;21(3):243-52

Rat corticosteroid-binding globulin (CBG) biosynthesis by fetal hepatocytes in culture. Vranckx R, et al. **J Steroid Biochem** 1985 Aug;23(2):195-9

A possible beneficial effect of metronidazole in reducing TPN-associated liver function derangements. Freund HR, et al. **J Surg Res** 1985 Apr;38(4):356-63

Failure of an increased dose of ATP-MgCl2 to improve protein synthesis and transmembrane potential in the postischemic liver. Hasselgren PO, et al. **J Surg Res** 1984 Nov;37(5):409-14

Elevated energy expenditure in hepatocytes from tumor-bearing rats. Roh MS, et al. **J Surg Res** 1985 May;38(5):407-15

Glucose production in the perfused dog liver: effect of free fatty acids and ketones. Shaw JH, et al. **J Surg Res** 1984 Dec;37(6):437-42

Uptake and disposition of mirex in hepatocytes and subcellular fractions in CD1 mouse liver. Charles AK, et al. **J Toxicol Environ Health** 1985;15(3-4):395-403

Cadmium inhalation exposure estimates: their significance with respect to kidney and liver cadmium burden. Ellis KJ, et al. **J Toxicol Environ Health** 1985;15(1):173-87

Effects of chronic exposure to aflatoxin B1 and aflatoxin M1 on the in vivo covalent binding of aflatoxin B1 to hepatic macromolecules. Loury DN, et al. **J Toxicol Environ Health** 1984;13(4-6):575-87

Isolation of chlordecone binding proteins from pig liver cytosol. Soine PJ, et al. **J Toxicol Environ Health** 1984;14(2-3):305-17

High-density lipoproteins decrease the biliary concentration of chlordecone in isolated perfused pig liver. Soine PJ, et al. **J Toxicol Environ Health** 1984;14(2-3):319-35

Metabolism of 2,4-dichlorophenol by isolated perfused rat liver. Somani SM, et al. **J Toxicol Environ Health** 1984;13(4-6):787-98

Effect of ethanol on uptake of trichloroethylene in isolated perfused rat liver. Motohashi Y, et al. **J Toxicol Sci** 1984 May;9(2):101-7

Changes of protein metabolism in liver and skeletal muscle following trauma complicated by sepsis [letter] Kraune R, et al. **J Trauma** 1985 Mar;25(3):276-7

Effect of severe injury and critical illness on high-energy phosphates in human liver and muscle. Liaw KY, et al. **J Trauma** 1985 Jul;25(7):628-33

Effect of orchiectomy and ovariectomy on oxalate production, transport and excretion in rats. Seethlakshmi L, et al. **J Urol** 1984 Dec;132(6):1244-6

Metabolism, covalent binding, and mutagenicity of aflatoxin B1 by liver extracts from rats of various ages. Jayaraj A.

et al. **JNCI** 1985 Jan;74(1):95-103

In vitro and in vivo formation of 7-(2'-carboxyethyl)guanine from the liver carcinogen 1-nitroso-5,6-dihydrouracil and its reactions with water and methanol. Mirvish SS, et al. **JNCI** 1985 May;74(5):1105-10

Effect of injury, sepsis, and parenteral nutrition on high-energy phosphates in human liver and muscle. Liaw KY. **JPEN** 1985 Jan-Feb;9(1):28-33

Effect of the dietary fatty acid component on the release of 14C-taurocholate, 14C-bilirubin, alkaline phosphatase, and aspartate transaminase by isolated rat liver cells. Anderson FH, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):477-9

Effect of alloxan diabetes and phenformin on insulin binding with liver plasma membrane receptors. Chaujar M, et al. **Jpn J Exp Med** 1984 Oct;54(5):189-93

Effects of cellular Ca2+ depletion on phospholipid turnover and glycogen phosphorylase a in rat hepatocytes. Goto M, et al. **Jpn J Exp Med** 1984 Jun;54(3):109-15

Influence of plasma hormone levels on various stimulant-induced hepatic DNA synthesis in carbon tetrachloride-intoxicated rats. Hatta S. **Jpn J Pharmacol** 1985 Jan;37(1):77-84

Relationship between glucagon-induced cyclic AMP accumulation and DNA synthesis in carbon tetrachloride-intoxicated rat liver. Hatta S. **Jpn J Pharmacol** 1984 Oct;36(2):258-61

Involvement of alpha 1- and beta 2-adrenergic stimulation in the induction of hepatic DNA synthesis in carbon tetrachloride-intoxicated rats. Hatta S. **Jpn J Pharmacol** 1984 Dec;36(4):540-3

Characteristics of binding of a new anti-inflammatory glucocorticoid, hydrocortisone 17-butyrate 21-propionate (HBP), to glucocorticoid receptors of rat liver. Muramatsu M, et al. **Jpn J Pharmacol** 1985 Feb;37(2):143-50

Heterogeneity of binding sites for glucocorticoid and the glucocorticoid-receptor complex in rat livers. Muramatsu M, et al. **Jpn J Pharmacol** 1984 Sep;36(1):87-95

Roles of endogenous and exogenous taurine and glycine in the formation of conjugated bile acids: analyses using freshly isolated and primary cultured rat hepatocytes. Ohkuma S, et al. **Jpn J Pharmacol** 1984 Aug;35(4):347-58

Effect of plasma levels of parathyroid hormone on NADPH pathways in kidney and liver. Bachelet M, et al. **Kidney Int** 1985 Feb;27(2):401-4

Immunochemical studies on the localization and on the concentration of cellular retinol-binding protein in rat liver during perinatal development. Kato M, et al. **Lab Invest** 1985 May;52(5):475-84

Ultrastructural evidence for the synthesis of serum amyloid A protein by murine hepatocytes. Takahashi M, et al. **Lab Invest** 1985 Feb;52(2):220-3

Glucocorticoid independent mediation of interleukin-1 induced changes in serum zinc and liver metallothionein levels. DiSilvestro RA, et al. **Life Sci** 1984 Nov 19;35(21):2113-8

Effect of amines on erythropoietin-stimulated heme synthesis in fetal mouse liver cells. Dulaney JT, et al. **Life Sci** 1985 Apr 29;36(17):1633-42

Hepatic cyclic AMP generation and ornithine decarboxylase induction by glucagon and beta adrenergic agonists. Evoniuk G, et al. **Life Sci** 1985 May 27;36(21):2075-83

The effect of epinephrine and serotonin on hepatic poly(A)+ RNA synthesis. Roy AK, et al. **Life Sci** 1985 Jun 17;36(24):2301-7

Increased gluconeogenesis in the rat at term gestation. Valcarce C, et al. **Life Sci** 1985 Aug 12;37(6):553-60

Influence of dietary cholesterol on the relative synthesis of hepatic glycerides and molecular classes of 1,2-diglycerides and phospholipids in the gerbil in vivo. Andersen DB, et al. **Lipids** 1985 Mar;20(3):167-72

The influence of protein and carbohydrate type on serum and liver lipids and lipoprotein cholesterol in rabbits. Bauer JE, et al. **Lipids** 1984 Nov;19(11):844-50

Effects of streptozotocin-induced diabetes on phosphoglyceride metabolism of the rat liver. Dang AQ, et al. **Lipids** 1984 Oct;19(10):738-48

Essential fatty acids in plasma, red blood cells and liver phospholipids in common laboratory animals as compared to humans. Horrobin DF, et al. **Lipids** 1984 Oct;19(10):806-11

The effects of dietary cholesterol on blood and liver polyunsaturated fatty acids and on plasma cholesterol in rats fed various types of fatty acid diet. Huang YS, et al. **Lipids** 1984 Sep;19(9):664-72

Dietary fats containing concentrates of cis or trans octadecenoates and the patterns of polyunsaturated fatty acids of liver phosphatidylcholine and phosphatidylethanolamine. Lawson LD, et al. **Lipids** 1985 May;20(5):262-7

Red blood cell tocopherol and liver tocopherol in hyperlipemic rats as compared with plasma tocopherol. Mino M, et al. **Lipids** 1985 Jul;20(7):488-91

Comparison of the thin layer chromatography/flame ionization detection system with other methods for the quantitative analysis of liver lipid contents in alcohol-fed rats and controls. Rao GA, et al. **Lipids** 1985 Aug;20(8):531-5

Effect of protein depletion on the VLDL triacylglycerol secretion and apoprotein synthesis by the perfused liver from pregnant rats. Tournier H, et al. **Lipids** 1984 Nov;19(11):902-5

Alpha-1-antitrypsin (AAT) and its stimulation in the liver of PiMZ phenotype individuals. A 'recruitment-secretory block' ('R-SB') phenomenon. Callea F, et al. **Liver** 1984 Oct;4(5):325-37

Kinetics of urea synthesis and alanine uptake by perfused rat livers. Hansen JA, et al. **Liver** 1985 Feb;5(1):1-7

Superoxide dismutase, catalase and lipid peroxidation in liver of young mice of different ages. Imre S, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):297-304

A comparison of DNA repair synthesis in primary hepatocytes from young and old rats. Kennah HE 2d, et al. **Mech Ageing Dev** 1985 Mar;29(3):283-98

Thyroxine deiodination, cytoplasmic distribution and nuclear binding of thyroxine and triiodothyronine in liver and brain of young and aged rats. Margarity M, et al. **Mech Ageing Dev** 1985 Feb;29(2):181-9

Ultraviolet light-induced DNA repair synthesis in hepatocytes from species of differing longevities. Maslansky CJ, et al. **Mech Ageing Dev** 1985 Feb;29(2):191-203

Functional deterioration of mouse liver ribosomes during aging: translational activity and activity for formation of the 47 S initiation complex. Nakazawa T, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):241-51

Effects of aging and endotoxin on hepatic glucocorticoid action and glucose metabolism in mice. Stith RD, et al. **Mech Ageing Dev** 1985 Apr;30(1):73-8

Control of hepatic glucose production during exercise. Winder WW. **Med Sci Sports Exerc** 1985 Feb;17(1):2-5

Hepatic and extrahepatic splanchnic glucose metabolism in the postabsorptive and glucose fed dog. Barrett EJ, et al. **Metabolism** 1985 May;34(5):410-20

The contribution of hepatic metabolism to diet-induced thermogenesis. Berry MN, et al. **Metabolism** 1985 Feb;34(2):141-7

Hepatic and peripheral insulin resistance following streptozotocin-induced insulin deficiency in the dog. Bevilacqua S, et al. **Metabolism** 1985 Sep;34(9):817-25

Apolipoprotein B synthesis in humans: liver synthesizes only apolipoprotein B-100. Edge SB, et al. **Metabolism** 1985 Aug;34(8):726-30

Sequestration and microsomal C-25 hydroxylation of [3H]-vitamin D3 by the rat liver. Gascon-Barré M, et al. **Metabolism** 1985 Mar;34(3):244-50

Exercise-induced hepatic glucose output is precisely sensitive to the rate of systemic glucose supply. Jenkins AB, et al. **Metabolism** 1985 May;34(5):431-6

The effects of exercise and a moderate hypercholesterolemic diet on plasma and hepatic lipoproteins in the rat. Mela DJ, et al. **Metabolism** 1984 Oct;33(10):916-21

Insulin uptake by the human alcoholic cirrhotic liver. Nygren A, et al. **Metabolism** 1985 Jan;34(1):48-52

3'-Monoiodothyronine degradation in rat liver homogenate: enzyme characteristics and documentation of deiodination by high-pressure liquid chromatography. Smallridge RC, et al. **Metabolism** 1984 Nov;33(11):1034-8

Effects of glucocorticoids on glutamine metabolism in visceral organs. Souba WW, et al. **Metabolism** 1985 May;34(5):450-6

Effect of desialylation of very low-density lipoproteins on their catabolism by lipoprotein lipase. Stoline AM, et al. **Metabolism** 1985 Jan;34(1):30-5

Sterol carrier protein. Dempsey ME. **Methods Enzymol** 1985;111:293-303

Direct chemical measurement of receptor-mediated changes in phosphatidylinositol levels in isolated rat liver plasma membranes. Eichberg J, et al. **Methods Enzymol** 1985;109:504-13

Assessment of receptor recycling in mammalian hepatocytes: perspectives based on current techniques. Harford J, et al. **Methods Enzymol** 1985;109:232-46

Peptide hormone receptors in intracellular structures from rat liver. Posner BI, et al. **Methods Enzymol** 1985;109:219-31

Characterizing the function of O beta-phosphoseryl-tRNA. Stewart TS, et al. **Methods Enzymol** 1984;106:157-61

Andrographolide and kalmegh (Andrographis paniculata) extract: in vivo and in vitro effect on hepatic lipid peroxidation. Choudhury BR, et al. **Methods Find Exp Clin Pharmacol** 1984 Sep;6(9):481-5

Enterohepatic cycling of vitamin D and its metabolites [letter] Gascon-Barré M. **Miner Electrolyte Metab** 1984;10(5):343-4

Rapid, high temperature exchange assay for the hepatic glucocorticoid receptor. Hubbard JR, et al. **Mol Cell Biochem** 1985 Jan;65(2):95-9

Interaction of the hepatic glucocorticoid-receptor complex with Affigel blue. Kalimi M, et al. **Mol Cell Biochem** 1985 Jan;65(2):101-6

Uptake and metabolism of eicosa-8, 11, 14-trienoic acid in normal hepatocytes and HTC cells. Marra CA, et al. **Mol Cell Biochem** 1985 Jan;65(2):143-52

Effect of Escherichia coli lipopolysaccharide on the glucagon and insulin binding to isolated rat hepatocytes. Pagani R, et al. **Mol Cell Biochem** 1984 Nov;65(1):37-44

Non-histone chromatin protein fractions associated with 'active' chromatin in embryonic chicken liver. Siemieniako B, et al. **Mol Cell Biochem** 1985 Jan;65(2):131-41

Insulin uptake by rat liver endothelium studied in fractionated liver cell suspensions. Soda R, et al. **Mol Cell Biochem** 1985 Jan;65(2):117-23

Intracellular localization and some properties of the system in guinea pig liver responsible for the aromatization of cyclohexanecarboxylic acid to hippuric acid. Svardal AM, et al. **Mol Cell Biochem** 1985 Jan;65(2):107-15

Posttranscriptional modulation of gene expression in cultured rat hepatocytes. Jefferson DM, et al. **Mol Cell Biol** 1984 Sep;4(9):1929-34

Binding characteristics of epidermal growth factor receptors in male and female rat liver cell membrane preparations. Benveniste R, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):147-51

Characterization of the prolactin receptor in cell fractions from rat liver. Borst DW, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):125-30

Reduction in hepatic but not in renal and vascular vasopressin receptor number in hyperinsulinemic mice and rats. Cantau B, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):131-9

Interaction of mouse prolactin with mouse hepatic receptors. Haro LS, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):93-104

Coordinate estrogen induction of vitellogenin and a small serum protein mRNA in Xenopus laevis liver. Hayward MA, et al. **Mol Cell Endocrinol** 1985 Feb;39(2):91-8

Characteristics of somatotropic growth hormone binding to homologous liv plasma membranes. Hung CH, et al. **Mol Cell Endocrinol** 1985 Mar;39(3):189-96

Low serum somatomedin-C in protein deficiency: relationship with changes in liver somatogenic and lactogenic binding sites. Maes M, et al. **Mol Cell Endocrinol** 1984 Oct;37(3):301-9

Regulation by estrogen receptor of vitellogenin gene transcription in Xenopus hepatocyte cultures. Perlman AJ, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):151-61

Evidence for the involvement of essential sulphydryl group in rat hepatic lactogenic receptor but not in somatogenic receptor. Tsim KW, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):61-6

Inhibition by estradiol of binding and mitogenic effect of epidermal growth factor in primary cultures of Xenopus hepatocytes. Wolffe AP, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):167-73

Selective hepatobiliary transport of human polymeric IgA in mice. Phillips JO, et al. **Mol Immunol** 1984 Oct;21(10):907-14

Reducing equivalents for mixed function oxidation in periportal and pericentral regions of the liver lobule in perfused livers from normal and phenobarbital-treated rats. Belinsky SA, et al. **Mol Pharmacol** 1984 Nov;26(3):574-81

Carcinogen-binding proteins. High-affinity binding sites for benzo[a]pyrene in mouse liver distinct from the Ah receptor. Collins S, et al. **Mol Pharmacol** 1984 Sep;26(2):353-9

Bromobenzene metabolism in isolated rat hepatocytes. 18O2 incorporation studies. Dankovic D, et al. **Mol Pharmacol** 1985 Feb;27(2):287-95

Effects of substituents on the cytosolic receptor-binding avidities and aryl hydrocarbon hydroxylase induction potencies of 7-substituted 2,3-dichlorodibenzo-p-dioxins. A quantitative structure-activity relationship analysis. Denomme MA, et al. **Mol Pharmacol** 1985 Jun;27(6):656-61

Photoaffinity cross-linking of a radioiodinated probe, 125I-A55453, into alpha 1-adrenergic receptors. Dickinson KE, et al. **Mol Pharmacol** 1984 Sep;26(2):187-95

Identification of the major covalent adduct formed in vitro and in vivo between acetaminophen and mouse liver proteins. Hoffmann KJ, et al. **Mol Pharmacol** 1985 May;27(5):566-73

Long term instability and molecular mechanism of 5-azacytidine-induced DNA hypomethylation in normal and neoplastic tissues in vivo. Lu LJ, et al. **Mol Pharmacol** 1984 Nov;26(3):594-603

The relationships between receptor binding capacity for norepinephrine, angiotensin II, and vasopressin and release of inositol trisphosphate, Ca2+ mobilization, and phosphorylase activation in rat liver. Lynch CJ, et al. **Mol Pharmacol** 1985 Aug;28(2):93-9

A high resolution proton nuclear magnetic resonance approach to the study of hepatocyte and drug metabolism. Application to acetaminophen. Nicholson JK, et al. **Mol Pharmacol** 1985 Jun;27(6):634-43

The effect of aliphatic adenine analogues on S-adenosylhomocysteine and S-adenosylhomocysteine hydrolase in intact rat hepatocytes. Schanche JS, et al. **Mol Pharmacol** 1984 Nov;26(3):553-8

Rapid reciprocal changes in adrenergic receptors in intact isolated hepatocytes during primary cell culture. Schwarz KR, et al. **Mol Pharmacol** 1985 Feb;27(2):200-9

Effect of cytosolic components on the metabolism of the hydrazide iproniazid. Spearman ME, et al. **Mol Pharmacol** 1984 Nov;26(3):566-73

Changes in the concentration of seven forms of cytochrome P-450 in primary cultures of adult rat hepatocytes. Steward AR, et al. **Mol Pharmacol** 1985 Jan;27(1):125-32

ATP-dependent calcium uptake by rat liver plasma membrane vesicles. Effect of alkylating hepatotoxins in vivo. Tsokos-Kuhn JO, et al. **Mol Pharmacol** 1985 Jul;28(1):56-61

Alpha 1-adrenergic receptor structure. Venter JC, et al. **Mol Pharmacol** 1984 Sep;26(2):196-205

The formation of genotoxic metabolites of benzo[a]pyrene by the isolated perfused rat liver, as detected by the bioluminescence test. Ben-Itzhak J, et al. **Mutat Res** 1985 Jun;147(3):107-12

Lack of genetic and in vitro metabolic activity of potently carcinogenic azoxyalkanes. Lijinsky W, et al. **Mutat Res** 1985 Jul;157(1):23-7

Scintillometric determination of unscheduled DNA synthesis in primary cultures of rat-liver cells. A hydroxylapatite batch assay. Martelli A, et al. **Mutat Res** 1985 Aug; 143(4):257-61

Genotoxicity of fungal metabolites related to aflatoxin B1 biosynthesis. Mori H, et al. **Mutat Res** 1985 Jul;143(3):121-5

Metabolic activation of N-acetylbenzidine and N,N'-diacetylbenzidine to mutagens, using isolated hepatocytes and the 9000 X g liver supernatant from rat, hamster and guinea pig. Neis JM, et al. **Mutat Res** 1985 Sep;151(2):195-200

Mutagenicity of benzidine and 4-aminobiphenyl after metabolic activation with isolated hepatocytes and liver 9000 X g supernatant from rat, hamster and guinea pig. Neis JM, et al. **Mutat Res** 1984 Oct;129(1):13-8

DNA repair synthesis induced by N-hydroxyurea, acetohydroxamic acid, and N-hydroxyurethane in primary rat hepatocyte cultures: comparative evaluation using the autoradiographic and the bromodeoxyuridine density-shift method. Rossberger S, et al. **Mutat Res** 1985 May; 145(3):201-7

Influence of age on secretion of cholesterol and synthesis of bile acids by the liver. Einarsson K, et al. **N Engl J Med** 1985 Aug 1;313(5):277-82

Implications of hepatic and extrahepatic metabolism of aspirin in selective inhibition of platelet cyclooxygenase [letter] Roberts MS, et al. **N Engl J Med** 1985 May 23; 312(21):1388-9

Some aspects of lipid metabolism in the liver of Wistar rats with fat diet-induced obesity. Haude W, et al. **Nahrung** 1985;29(6):567-76

Fatty acid composition of liver and adipose tissue lipids in Wistar rats with fat diet-induced obesity. Völcker CE, et al. **Nahrung** 1985;29(6):577-83

Association of histone H1(0) with a gene repressed during liver development. Roche J, et al. **Nature** 1985 Mar 14-20; 314(6007):197-8

Calcium content of mitochondria and endoplasmic reticulum in liver frozen rapidly in vivo. Somlyo AP, et al. **Nature** 1985 Apr 18-24;314(6012):622-5

Stepwise enzymatic dephosphorylation of inositol 1,4,5-trisphosphate to inositol in liver. Storey DJ, et al. **Nature** 1984 Nov 22-28;312(5992):374-6

Biosynthesis of methylguanidine in isolated rat hepatocytes and in vivo. Nagase S, et al. **Nephron** 1985;40(4):470-5

Role of energy charge and redox state for hepatocyte gluconeogenesis of acutely uremic rats. Riegel W, et al. **Nephron** 1985;40(2):206-12

Pancreatic and hepatic response to carbohydrate ingestion. Waldhäusl WK, et al. **Neth J Med** 1985;28 Suppl 1:15-9 (35 ref.)

Glycogen particles in methionine sulfoximine epileptogenic rodent brain and liver after the administration of methionine and actinomycin D. Delorme P, et al. **Neuropathol Appl Neurobiol** 1985 Mar-Apr;11(2):117-28

Glycogen content and fructose-1, 6-biphosphatase activity in methionine sulfoximine epileptogenic mouse brain and liver after protein synthesis inhibition. Hevor TK, et al. **Neuropathol Appl Neurobiol** 1985 Mar-Apr;11(2):129-39

Hepatectomy and arterial blood ketone-body ratio. I. Changes in arterial blood ketone-body ratio following massive hepatectomy in relation to blood concentration of energy fuels. Asano M. **Nippon Geka Hokan** 1984 May 1; 53(3):473-84

Hepatic uptake and fate of 123I-and 14C-fatty acids in normal and ethanolic mice. Shreeve WW, et al. **Nucl Med Commun** 1984 Aug;5(8):519-24

Dexamethasone inhibits alpha-fetoprotein gene transcription in neonatal rat liver and isolated nuclei. Huang DP, et al. **Nucleic Acids Res** 1985 Jun 11;13(11):3873-90

tRNA binding modifies the properties of the small ribosomal subunit of rat liver. Reboud AM, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7889-901

Rat alpha 1-fetoprotein messenger RNA: 5'-end sequence and glucocorticoid-suppressed liver transcription in an improved nuclear run-off assay. Turcotte B, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2387-98

Sequence homologies in the region preceding the transcription initiation site of the liver estrogen-responsive vitellogenin and apo-VLDLII genes. Walker P, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8611-26

The enterohepatic circulation of vitamin D is negligible. **Nutr Rev** 1985 Mar;43(3):76-8 (8 ref.)

Metallothionein induction by ethanol. **Nutr Rev** 1985 Mar; 43(3):92-4 (13 ref.)

All-trans-retinoic acid and its glucuronide are the major metabolites of 13-cis-retinoic acid in target tissues. **Nutr Rev** 1984 Sep;42(9):325-6

Biotin increases cGMP and glucokinase in liver cells. **Nutr Rev** 1984 Oct;42(10):360-1

Effects of cold exposure on nuclear thyroid hormone receptors: increased affinity for the hormone. Kusuda S, et al. **Osaka City Med J** 1983;29(2):155-67

Polymorphic acetylation of 7-amino-clonazepam in human liver cytosol. Peng DR, et al. **Pediatr Pharmacol (New York)** 1984;4(3):155-9

Inhibitory effect of maternal alcohol ingestion on rat pup hepatic 25-hydroxyvitamin D production. Milne M, et al. **Pediatr Res** 1985 Jan;19(1):102-4

Erythrocyte and liver characteristics in low and high glutathione Finn sheep. Faik A, et al. **Pharmacol Res Commun** 1985 Jan;17(1):23-32

The time course of [3H]PteGlu uptake and its incorporation into pteroylpolyglutamates in liver of phenobarbitone treated rats. Formiggini G, et al. **Pharmacol Res Commun** 1985 Feb;17(2):123-8

Interactions of cis-platinum with cellular zinc and copper in rat liver and kidney tissues. Sharma RP. **Pharmacol Res Commun** 1985 Feb;17(2):197-206

The role of iron in the NADPH-dependent lipid peroxidation due to glutathione depletion by phorone. Younes M, et al. **Pharmacol Res Commun** 1984 Feb;16(2):153-60

Methods in testing interrelationships between excretion of drugs via urine and bile. Fleck C, et al. **Pharmacol Ther** 1984;25(1):1-22 (223 ref.)

Effects of ethanol ingestion on amino acid uptake in the dog liver in vivo. Cruz MA, et al. **Pharmacology** 1985;30(1):12-9

Effects of phenobarbital and SKF-525A on in vitro hepatic metabolism of verapamil and nifedipine. Hamann SR, et al. **Pharmacology** 1985;30(3):121-8

Effect of long-term administration of delta 9-tetrahydrocannabinol on hepatic mixed-function oxidase systems in the rat. Morrill GA, et al. **Pharmacology** 1985; 30(1):20-4

Effect of triiodothyronine or etiroxate on DNA synthesis in intact and regenerating liver. Cervinková Z, et al. **Physiol Bohemoslov** 1984;33(6):501-6

Effect of fasting on the metabolism of cytidine nucleotides in the liver of intact and alpha-hexachlorocyclohexane-treated rats. Seifert J, et al. **Physiol Bohemoslov** 1984;33(5):403-10

The comparative influence of anesthetics on the in vitro proton NMR relaxation times in rat liver. Scheindlin B, et al. **Physiol Chem Phys Med NMR** 1985;17(1):71-5

Absorption, transport, and hepatic metabolism of copper and zinc: special reference to metallothionein and ceruloplasmin. Cousins RJ. **Physiol Rev** 1985 Apr; 65(2):238-309 (472 ref.)

Studies on Scutellariae radix. IX. New component inhibiting lipid peroxidation in rat liver. Kimura Y, et al. **Planta Med** 1984 Aug;50(4):290-5

Effects of soyasaponins on liver injury induced by highly peroxidized fat in rats. Ohminami H, et al. **Planta Med** 1984 Oct;50(5):440-1

Ethanol involvement in putrescine and histamine oxidation by guinea pig liver. Biegański T, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):633-40

The effect of marginal levels of calcium, fish meal, torula yeast and alfalfa meal on feed intake, hepatic lipid accumulation, plasma estradiol, and egg shell quality among laying hens. Bolden SL, et al. **Poult Sci** 1985 May; 64(5):937-46

Fatty acid compositions of triacylglycerols and phospholipids in hen liver lipid before and after sexual maturity. Fujii M, et al. **Poult Sci** 1985 Jul;64(7):1371-6

Liver lipid content in broilers as affected by time without feed or feed and water. Jensen LS, et al. **Poult Sci** 1984 Dec;63(12):2404-7

Effect of starvation-refeeding and an exogenous glucocorticoid on carbohydrate metabolism in chick liver. Rosebrough RW, et al. **Poult Sci** 1984 Dec;63(12):2444-9

Purification of the photoaffinity-labeled glucagon receptor by gel electrophoretic methods. Horuk R, et al. **Prep Biochem** 1984;14(2):99-121

Role of hepatic tetrahydrofolate in the species difference in methanol toxicity. Black KA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3854-8

Direct transfection of viral and plasmid DNA into the liver or spleen of mice. Dubensky TW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7529-33

Increased activity of the glucose cycle in the liver: early characteristic of type 2 diabetes. Efendic S, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2965-9

DNA damage related to increased hydrogen peroxide generation by hypolipidemic drug-induced liver peroxisomes. Fahl WE, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7827-30

Synthesis of a major integral membrane polypeptide of rat liver peroxisomes on free polysomes. Fujiki Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7127-31

Rat liver asialoglycoprotein receptor lacks a cleavable NH2-terminal signal sequence. Holland EC, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7338-42

Quantitative assay for albumin-producing liver cells after simian virus 40 transformation of rat hepatocytes maintained in chemically defined medium. Isom HC, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6378-82

A 1H NMR technique for observing metabolite signals in the spectrum of perfused liver. Jue T, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5246-9

The liver excretes large amounts of heme into bile when heme oxygenase is inhibited competitively by Sn-protoporphyrin. Kappas A, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):896-900

Time-dependent conversion of alpha 1- to beta-adrenoceptor-mediated glycogenolysis in isolated rat liver cells: role of membrane phospholipase A2. Kunos G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6178-82

Accurate initiation of rat ribosomal RNA gene transcription using a fractionated nuclear extract from normal liver and a hepatoma. Kurl RN, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1059-63

Transformation of prostaglandin D2 to 9 alpha, 11 beta-(15S)-trihydroxyprosta-(5Z,13E)-dien-1-oic acid (9 alpha, 11 beta-prostaglandin F2): a unique biologically active prostaglandin produced enzymatically in vivo in humans. Liston TE, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6030-4

Effects of in vivo-administered 2,3,7,8-tetrachlorodibenzo-p-dioxin on receptor binding of epidermal growth factor in the hepatic plasma membrane of rat, guinea pig, mouse, and hamster. Madhukar BV, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7407-11

Cloning and characterization of cDNAs encoding 2,3,7,8-tetrachlorodibenzo-p-dioxin-inducible rabbit mRNAs for cytochrome P-450 isozymes 4 and 6. Okino ST, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5310-4

A lethal deletion on mouse chromosome 7 affects regulation of liver-cell-specific functions: posttranscriptional control of serum protein and transcriptional control of aldolase B synthesis. Sala-Trepat JM, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2442-6

Dissociation from albumin: a potentially rate-limiting step in the clearance of substances by the liver. Weisiger RA. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1563-7

Short-chain fatty acid fermentation products of plant fiber affect glucose metabolism of isolated rat hepatocytes. Anderson JW, et al. **Proc Soc Exp Biol Med** 1984 Nov; 177(2):372-6

Effect of a zinc-deficient diet on lipid peroxidation in liver and tumor subcellular membranes. Burke JP, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):187-91

Increased glucagon receptors in chronically hypersomatotrophic and hyperglucagonemic rats. Dunbar JC, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):32-7

Further characterization of the effect of bacterial lipopolysaccharide preparations on cyclic GMP levels: the importance of macromolecular synthesis. Graber SE, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):163-9

Purine metabolism in high and low uric acid lines of chickens: de novo uric acid synthesis in isolated hepatocytes and phosphoribosylpyrophosphate amidotransferase activities. McFarland DC, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):417-21

Characterization of a heat stable, 12,000 Da, glucagon-like immunoreactive (GLI) peptide from porcine ileum that stimulates hepatic glucose production in vivo and in vitro. Wider MD. **Proc Soc Exp Biol Med** 1985 Jul;179(3):356-64

Intracellular calcium and its regulation in liver. Bygrave FL, et al. **Prog Clin Biol Res** 1984;168:109-16

Receptor-mediated endocytosis of epidermal growth factor by hepatocytes in the perfused rat liver. Dunn WA, et al. **Prog Clin Biol Res** 1985;180:461-2

Degradation of short- and long-time labelled proteins by rat liver lysosomes. Glaumann H, et al. **Prog Clin Biol Res** 1985;180:417-26

Sequestration and hydrolysis of electroinjected [14C]lactose as a means of investigating autophagosome-lysosome fusion in isolated rat hepatocytes. Gordon PB, et al. **Prog Clin Biol Res** 1985;180:475-7

Comparison of proteolysis in perfused rat liver and in isolated autophagic vacuoles. Henell F, et al. **Prog Clin Biol Res** 1985;180:457-60

Intracellular degradative fate of transplanted and microinjected proteins. Mayer RJ, et al. **Prog Clin Biol Res** 1985;180:395-404

Amino acid control of hepatic protein degradation: novel requirement for alanine. Poso AR, et al. **Prog Clin Biol Res** 1985;180:427-36

Effect of protease inhibitors on short-term proteolysis in hepatocytes. Russell JL, et al. **Prog Clin Biol Res** 1985; 180:495-7

Pathways of intracellular sequestration and protein degradation in isolated rat hepatocytes. Seglen PO, et al. **Prog Clin Biol Res** 1985;180:437-46

Liver and skeletal muscle protein metabolism in Yoshida ascites hepatoma AH-130-bearing rats. Tessitore L, et al. **Prog Clin Biol Res** 1985;180:599-601

Thromboxane synthesizing system in rat liver. Mahmud I, et al. **Prostaglandins Leukotrienes Med** 1984 Dec; 16(3):371-7

Prostaglandin and thromboxane synthesizing activity in isolated murine hepatocytes and nonparenchymal liver cells. Spolarics Z, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):379-88

The metabolism of drugs by isolated hepatocytes. Fry JR. **Q Rev Drug Metab Drug Interact** 1982;4(2-3):99-122 (84 ref.)

Hepatic drug metabolism in pregnancy. Stock BH. **Q Rev Drug Metab Drug Interact** 1984;5(1):53-81 (66 ref.)

Magnetic resonance imaging and spectroscopy of hepatic iron overload. Stark DD, et al. **Radiology** 1985 Jan; 154(1):137-42

Identification of genotoxic and epigenetic carcinogens in liver culture systems. Williams GM. **Regul Toxicol Pharmacol** 1985 Jun;5(2):132-44

Development and regulation of ketogenesis in isolated hepatocytes from newborn rabbits. Duée PH, et al. **Reprod Nutr Dev** 1985;25(1B):331-2

The Na+/Ca2+ exchange system of the liver cell. Bernstein J, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan; 47(1):3-34

Concentration independent accumulation of diazepam by rat liver slices. Effect of human serum albumin. Blaese U, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):313-6

The circadian rhythm of guanylate cyclase and its interrelationship to rat liver chalone. Cannella NK, et al. **Res Commun Chem Pathol Pharmacol** 1984 Aug;45(2):207-17

Effects of ethanol feeding on hepatic collagen synthesis and degradation in rats. Kato S, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):163-80

Ethanol induced changes in lipid peroxidation and nonprotein sulfhydryl content. Different sensitivities in rat liver and kidney. Kera Y, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):203-9

Metabolism of medroxyprogesterone acetate and hepatic drug metabolism activity. Rautio A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):305-8

Effects of high hepatic acetaldehyde level following simultaneous administration of ethanol and cyanamide on liver function in rats. Nakatsukasa H, et al. **Res Exp Med (Berl)** 1985;185(3):221-5

Ketogenesis during sepsis in relation to hepatic energy metabolism. Ohtoshi M, et al. **Res Exp Med (Berl)** 1984;184(4):209-19

Impaired acetaldehyde metabolism in partially hepatectomized rats. Watanabe A, et al. **Res Exp Med (Berl)** 1985;185(1):13-20

Propionate loading test for liver function in spontaneously ketotic dairy cows. Gröhn Y. **Res Vet Sci** 1985 Jul;39(1):24-8

Interrelationship between glucose infusions and the hepatic handling of bilirubin. Muñoz ME, et al. **Rev Esp Fisiol** 1984 Sep;40(3):381-3

Effect of sixty-minute warm ischaemia on the functional and biochemical indices of viability of the isolated, normothermally perfused rabbit liver. Tilšer I, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(4):471-90

A method for determination of the capacity of urea synthesis in the rat. Hansen BA, et al. **Scand J Clin Lab Invest** 1985 Jun;45(4):315-20

Efficient hepatic uptake of chylomicron remnant cholesterol in rats with a portacaval anastomosis. Landin B, et al. **Scand J Gastroenterol** 1985 Apr;20(3):272-8

Ferrochelatase deficiency in the bone marrow in a syndrome of congenital hypochromic microcytic anemia, hyperferremia, and iron overload of the liver. Stavem P, et al. **Scand J Gastroenterol [Suppl]** 1985;107:73-81

Ferrochelatase deficiency of the bone marrow in a syndrome of congenital microcytic anaemia with iron overload of the liver and hyperferraemia. Stavem P, et al. **Scand J Haematol** 1985 Feb;34(2):204-6

Role of J chain and secretory component in receptor-mediated glandular and hepatic transport of immunoglobulins in man. Brandtzaeg P. **Scand J Immunol** 1985 Aug;22(2):111-46 (232 ref.)

Distinct hepatic receptors for low density lipoprotein and apolipoprotein E in humans. Hoeg JM, et al. **Science** 1985 Feb 15;227(4688):759-61

Role of the liver in normal iron metabolism. Bacon BR, et al. **Semin Liver Dis** 1984 Aug;4(3):181-92 (122 ref.)

Estrogen and androgen receptors in liver: their role in liver disease and regeneration. Eagon PK, et al. **Semin Liver Dis** 1985 Feb;5(1):59-69 (138 ref.)

Ferritin metabolism and the liver. Halliday JW, et al. **Semin Liver Dis** 1984 Aug;4(3):207-16 (122 ref.)

Hepatic receptors and their ligands: problems of intracellular sorting and vectorial movement. Jones AL, et al. **Semin Liver Dis** 1985 May;5(2):136-46 (55 ref.)

Hormone receptors and the liver. Levey GS, et al. **Semin Liver Dis** 1985 Feb;5(1):1-7

Other trace elements and the liver. Linder MC. **Semin Liver Dis** 1984 Aug;4(3):264-76 (60 ref.)

The extracellular matrix in development and in disease. Martin GR, et al. **Semin Liver Dis** 1985 May;5(2):147-56 (90 ref.)

Mechanisms of electrolyte transport in the liver and their functional significance. Moseley RH, et al. **Semin Liver Dis** 1985 May;5(2):122-35 (166 ref.)

Metals and the liver: receptacles to receptors and recombinant DNA. Powell LW. **Semin Liver Dis** 1984 Aug;4(3):iii-vii

Growth hormone, somatomedins, and the liver. Russell WE. **Semin Liver Dis** 1985 Feb;5(1):46-58 (137 ref.)

Thyroid hormone homeostasis and the liver. Salata R, et al. **Semin Liver Dis** 1985 Feb;5(1):29-34

Diabetes mellitus and the liver. Stone BG, et al. **Semin Liver Dis** 1985 Feb;5(1):8-28 (174 ref.)

Intracellular pathways of protein synthesis and secretion in the hepatocyte. Tavill AS. **Semin Liver Dis** 1985 May;5(2):95-109 (133 ref.)

Structural requirements for progesterone binding to the hepatic endoplasmic reticulum in the female rat. Ghoshal A, et al. **Steroids** 1984 Jun;43(6):621-30

Nuclear binding of cortisol in intestinal mucosa and liver of a teleost fish (Salmo gairdnerii irideus). Porthe-Nibelle J, et al. **Steroids** 1984 Apr;43(4):385-92

The mediated effect of endotoxin and lead upon hepatic metabolism. Kuttner RE, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):319-24

Hepatic fructose 2,6-bisphosphate in rats with peritonitis and septic shock. Apantaku FO, et al. **Surgery** 1984 Oct;96(4):770-4

Alterations in amino acid clearance during ischemia predict hepatocellular ATP changes. Fath JJ, et al. **Surgery** 1985 Sep;98(3):396-404

Liver amino acids in sepsis. Roth E, et al. **Surgery** 1985 Apr;97(4):436-42

Protein synthesis in the tumor-influenced hepatocyte. Warren RS, et al. **Surgery** 1985 Aug;98(2):275-82

Hepatocyte function in sepsis: Kupffer cells mediate a biphasic protein synthesis response in hepatocytes after exposure to endotoxin or killed Escherichia coli. West MA, et al. **Surgery** 1985 Sep;98(3):388-95

Evidence for impaired hepatic vitamin K1 metabolism in patients treated with N-methyl-thiotetrazole cephalosporins. Bechtold H, et al. **Thromb Haemost** 1984 Jul 29;51(3):358-61

Fibrinogen fragments X, Y, D and E increase levels of plasma fibrinogen and liver mRNAs coding for fibrinogen polypeptides in rats. Princen HM, et al. **Thromb Haemost** 1985 Apr 22;53(2):212-5

S-9 metabolic activation enhances aflatoxin-mediated transformation of C3H/10T1/2 cells. Billings PC, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):58-65

Time and dose responses of the reduction in retinoid concentrations in C57BL/Rij and DBA/2 mice induced by 3,4,3',4'-tetrachlorobiphenyl. Brouwer A, et al. **Toxicol Appl Pharmacol** 1985 Apr;78(2):180-9

Hepatic transport and biliary excretion of sulfobromophthalein in aflatoxin B1-treated rats. Carrillo MC, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):353-7

Effects of various trace metals on the binding of cadmium to rat hepatic metallothionein determined by the Cd/hemoglobin affinity assay. Eaton DL. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):158-62

Mathematical model for cadmium kinetics in the isolated perfused rat liver system. Frazier JM. **Toxicol Appl Pharmacol** 1984 Dec;76(3):426-36

In vitro covalent binding of cismethrin, bioresmethrin, and their common alcohol to hepatic proteins. Hoellinger H, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):11-8

Acetaminophen metabolism, cytotoxicity, and genotoxicity in rat primary hepatocyte cultures. Milam KM, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):342-7

Influence of tansy ragwort (Senecio jacobaea), dietary copper, and feed restriction on the subcellular distribution of minerals in rat liver. Miranda CL, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):62-8

Reduction of 2,4-dinitrotoluene by Wistar rat liver microsomal and cytosol fractions. Mori M, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):105-12

Effects of butylated hydroxytoluene pretreatment on the metabolism and genotoxicity of aflatoxin B1 in primary cultures of adult rat hepatocytes: selective reduction of nucleic acid binding. Salocks CB, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):498-509

Effect of blood on styrene oxidation in perfused rat liver. Belvedere G, et al. **Toxicol Lett** 1984 Dec;23(3):261-5

Effect of valproic acid on zinc metabolism in the rat. Daffron JC, et al. **Toxicol Lett** 1984 Dec;23(3):321-5

Glutathione and glutathione S-transferases in rat liver after inhalation of halothane and enflurane. Dale O, et al. **Toxicol Lett** 1984 Oct;23(1):61-6

Ultrastructural study of mineral fiber uptake by hepatocytes in vitro. Denizeau F, et al. **Toxicol Lett** 1985 Aug;26(2-3):119-26

Subcellular distribution of styrene oxide in rat liver. Pacifici GM, et al. **Toxicol Pathol** 1984;12(1):69-73

Free radical intermediates under hypoxic conditions in the metabolism of halogenated carcinogens. Tomasi A, et al. **Toxicol Pathol** 1984;12(3):240-6

The effect of chronic ethanol ingestion on hepatic lipid peroxide, glutathione, glutathione peroxidase and glutathione transferase in rats. Aykaç G, et al. **Toxicology** 1985 Jul;36(1):71-6

Reduction to benzidine is not necessary for the covalent binding of a benzidine azodye to rat liver DNA. Kennelly JC, et al. **Toxicology** 1984 Sep 28;32(4):315-24

Hepatic lipid peroxidation in vivo in rats with chronic dietary iron overload is dependent on hepatic iron concentration. Bacon BR, et al. **Trans Assoc Am Physicians** 1983;96:146-54

A possible explanation for leukocytic infiltration of the liver in acute alcoholic hepatitis: ethanol-induced generation by hepatocytes of a lipid chemotactic factor. Perez HD, et al. **Trans Assoc Am Physicians** 1983;96:56-64

Rapid thyroid hormone action in vitro in the absence of new protein synthesis. Sterling K, et al. **Trans Assoc Am Physicians** 1984;97:332-6

Correlation between cellular ATP level and bile excretion in the rat liver. Kamiike W, et al. **Transplantation** 1985 Jan;39(1):50-5

Vitamin D 3 metabolism during anti-tuberculosis chemotherapy [letter] Davies PD, et al. **Tubercle** 1985 Jun;66(2):151-2

Synthesis of cytochrome P-450 in isolated liver cells during exposure to hyperoxia. Rowe HA, et al. **Undersea Biomed Res** 1984 Jun;11(2):185-92

Drugs and the liver. Papich MG, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):77-95

Copper toxicosis in a Bedlington terrier. Colvin BM, et al. **Vet Hum Toxicol** 1984 Dec;26(6):486-7

Regulation of hepatic triacylglycerol synthesis and secretion. Haagsman HP, et al. **Vet Res Commun** 1984 Aug;8(3):157-71

Total serum bile acids and the bile acid profile as tests of liver function. Parraga ME, et al. **Vet Res Commun** 1985 Apr;9(2):79-88

The metabolism of the carcinogen 7-methylbenz[c]acridine by hepatocytes isolated from untreated and induced rats. Boux LJ, et al. **Xenobiotica** 1985 Jan;15(1):11-20

Metabolic studies of a podophyllotoxin derivative (VP16) in the isolated perfused liver. Colombo T, et al. **Xenobiotica** 1985 Apr;15(4):343-50

Effect of O2 tension on the bioactivation and metabolism of aliphatic halides by primary rat-hepatocyte cultures. DiRenzo AB, et al. **Xenobiotica** 1984 Jul;14(7):521-5

Identification of hepatic metabolites of n-heptyl-delta-1-tetrahydrocannabinol in the mouse. Harvey DJ. **Xenobiotica** 1985 Mar;15(3):187-97

Oxidative metabolism of carbazeran in vitro by liver cytosol of baboon and man. Kaye B, et al. **Xenobiotica** 1985 Mar;15(3):237-42

The formaldehyde-donating activity of N5,N10-methylene tetrahydrofolic acid in xenobiotic biotransformation. Kucharczyk N, et al. **Xenobiotica** 1984 Aug;14(8):667-76

Disopyramide elimination in the isolated perfused rat liver. Lennard MS, et al. **Xenobiotica** 1984 Nov;14(11):885-92

Epidermal benzo[a]pyrene metabolism and DNA-binding in Balb/C mice: inhibition by ellagic acid. Mukhtar H, et al. **Xenobiotica** 1984 Jul;14(7):527-31

Enhanced metabolism of volatile hydrocarbons in rat liver following food deprivation, restricted carbohydrate intake, and administration of ethanol, phenobarbital, polychlorinated biphenyl and 3-methylcholanthrene: a comparative study. Sato A, et al. **Xenobiotica** 1985 Jan;15(1):67-75

The interaction of representative members from two classes of antimycotics--the azoles and the allylamines--with cytochromes P-450 in steroidogenic tissues and liver. Schuster I. **Xenobiotica** 1985 Jun;15(6):529-46

Conjugation of disodium 6-chloro-4-oxo-10-propyl-4H-pyrano[3,2-g]quinoline-2,late with glutathione in the rat. Smith DA, et al. **Xenobiotica** 1985 May;15(5):437-44

Metabolism of (+)-catechin and some of its C-6 and C-8 substituted derivatives in the isolated perfused pig liver. van der Merwe PJ, et al. **Xenobiotica** 1984 Oct;14(10):795-802

In vivo metabolism of [4-13C]phenacetin in an isolated perfused rat liver measured by continuous flow 13C NMR spectroscopy. Albert K, et al. **Z Naturforsch [C]** 1984 Jul-Aug;39(7-8):859-62

[Changes in serum and liver lipids in rats after the short-term use of an atherogenic diet regimen (the effect of Vita yogurt)] Ilinov P, et al. **Eksp Med Morfol** 1984;23(4):196-200 (Eng. Abstr.) **(Bul)**

[Effect of qing court shoutao powder on the production of lipid peroxides in rat liver homogenates] Chen WW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):686-8, 645 (Eng. Abstr.) **(Chi)**

[Binding of porphyrins to intracellular proteins] Cervinka J, et al. **Cas Lek Cesk** 1984 Aug 17;123(33):1015-7 (Eng. Abstr.) **(Cze)**

[Controlling the binding of porphyrins to ligands using antimalarial agents] Kaláb M, et al. **Cas Lek Cesk** 1984 Dec 21;123(51):1566-8 (Eng. Abstr.) **(Cze)**

[Fructose utilization by hepatocytes isolated from fed obese fa/fa Zucker rats. Metabolic fate of fructose in the absence of the modulator] Serbource-Goguel N, et al. **Ann Nutr Metab** 1985;29(2):119-28 (Eng. Abstr.) **(Fre)**

[Genetic polymorphism of the hepatic metabolism of drugs] Larrey D, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):522-31 (99 ref.) **(Fre)**

[Comparative study of pinocytosis and the production of prostaglandin E2 by hepatic and peritoneal resident macrophages in mice] Mavier P, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):508-15 (Eng. Abstr.) **(Fre)**

[The liver and vitamin A] Rosenbaum J, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):255-62 (88 ref.) **(Fre)**

[Disturbances of glucose metabolism and its regulation in hepatopathies] Vetter D, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):56-64 (103 ref.) **(Fre)**

[Methionine supplementation in the diet of the pregnant rat. 2. Riboflavin metabolism and hepatic concentration of water, lipid and protein.] Leclerc J, et al. **Int J Vitam Nutr Res** 1985;55(2):217-22 (Eng. Abstr.) **(Fre)**

[The effect of modification of the intracellular distribution of polyamines on the proliferation of hepatocytes treated with 2-methyl-9-hydroxyellipticine] Quemener V, et al. **J Nat Prod** 1985 May-Jun;48(3):376-89 (Eng. Abstr.) **(Fre)**

[Development of hepatic fatty acid metabolism in the rat during weaning] Decaux JF, et al. **Reprod Nutr Dev** 1985;25(1B):329-30 **(Fre)**

[Effects of very-low-density lipoproteins on fatty acid synthesis and VLDL secretion by isolated hepatocytes] Kalopissis AD, et al. **Reprod Nutr Dev** 1985;25(1B):227-34 (Eng. Abstr.) **(Fre)**

[How to evaluate hepatic function: pharmacokinetic approach] Malé PJ. **Rev Med Suisse Romande** 1985 Apr;105(4):313-6 **(Fre)**

[Development and regulation of ketogenesis in isolated hepatocytes in the newborn rabbit] el Manoubi L, et al.

Tunis Med 1984 Sep;62(5):389-94 (Eng. Abstr.) **(Fre)**

[Metabolic zoning of the human liver parenchyma in comparison with various mammals] Sasse D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:79-81 **(Ger)**

[The effect on oxidative metabolism in brain, liver and heart muscle homogenates of peptide derivatives and calf blood dialysates] Windisch M, et al. **Arzneimittelforsch** 1985; 35(1):87-9 (Eng. Abstr.) **(Ger)**

[Insulin extraction by the isolated perfused rat liver. The effect of portal insulin mass inflow and the duration of infusion on hepatic extraction and elimination rate of insulin] Brömme HJ, et al. **Biomed Biochim Acta** 1984; 43(6):727-40 (Eng. Abstr.) **(Ger)**

[Effects of feeding organic and inorganic zinc compounds on liver protein synthesis and growth of rats] Kietzmann M. **DTW** 1984 Nov 22;91(11-12):391-6 (Eng. Abstr.) **(Ger)**

[Ascites as a complication of hepatic storage of hydroxyethyl starch in long-term dialysis] Pfeifer U, et al. **Klin Wochenschr** 1984 Sep 17;62(18):862-6 (Eng. Abstr.) **(Ger)**

[Formation of secretory immunoglobin by the hepatic clearance mechanism] Somos S, et al. **Nahrung** 1984; 28(6-7):695-8 (Eng. Abstr.) **(Ger)**

[Metabolic zonation of liver parenchyma. Regulation of the glucostat of the liver] Jungermann K. **Naturwissenschaften** 1985 Feb;72(2):76-84 (Eng. Abstr.) **(Ger)**

[Determination of cAMP concentrations in the liver of the rat using the luciferin-luciferase method] Dorobek F, et al. **Z Med Lab Diagn** 1985;26(3):151-6 (Eng. Abstr.) **(Ger)**

[Malondialdehyde determination in the liver, lung and brain of the rat] Prager B, et al. **Z Med Lab Diagn** 1985;26(1):44-5 **(Ger)**

[Trials with organic and inorganic copper compounds. 2. Effects on liver protein synthesis and growth in rats] Kaemmerer K, et al. **Zentralbl Veterinarmed** [A] 1984 Oct; 31(9):660-70 (Eng. Abstr.) **(Ger)**

[Effects of clofibrate on allyl alcohol poisoning in the rat] Desole MS, et al. **Clin Ter** 1985 Feb 28;112(4):313-9 (Eng. Abstr.) **(Ita)**

[Influence of splenectomy on the synthesis of collagen and on steatosis of the rat liver induced by treatment with carbon tetrachloride and progesterone] Gambella GR, et al. **Pathologica** 1984 May-Jun;76(1043):391-8 (Eng. Abstr.) **(Ita)**

[Effects of acute ethanol load on plasma and hepatic cyclic nucleotides, plasma catecholamine and glucagon in rats. 1. Effects of acute ethanol load on cyclic AMP and cyclic GMP in rat blood and liver] Ide T. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Sep;19(3):173-84 (Eng. Abstr.) **(Jpn)**

[Insulin-like effects of anti-insulin-receptor antibodies on cultured rat hepatocytes] Shimoyama R. **Hokkaido Igaku Zasshi** 1985 May;60(3):342-54 (Eng. Abstr.) **(Jpn)**

[Experimental studies on lipoprotein metabolism in rats reared with liquid alcohol diet from the fetal life] Tamura Y. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):13-23 (Eng. Abstr.) **(Jpn)**

[Study of lincomycin concentrations in hepatocystic duct] Ishikawa T, et al. **Jpn J Antibiot** 1984 Oct;37(10):1766-72 (Eng. Abstr.) **(Jpn)**

[Effects of enflurane and halothane anesthesia on hepatic circulation and hepatic metabolism] Mizukami S, et al. **Masui** 1984 Nov;33(11):1213-7 (Eng. Abstr.) **(Jpn)**

[Rat liver lipoperoxide in endotoxemia] Morita T. **Masui** 1985 May;34(5):656-63 (Eng. Abstr.) **(Jpn)**

[Effects of epinephrine on plasma potassium; their relations with the liver] Saito Y, et al. **Masui** 1985 Apr;34(4):458-62 (Eng. Abstr.) **(Jpn)**

[Treatment of post-hepatectomy hepatic cellular energy crisis in cirrhosis with ATP-MgCl2 administration] Ohtake Y. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1545-57 (Eng. Abstr.) **(Jpn)**

[Alterations in hepatic high-energy metabolism in galactosamine-induced acute hepatic failure in rabbits] Uchida K. **Nippon Geka Hokan** 1984 Jul 1;53(4):580-93 (Eng. Abstr.) **(Jpn)**

[The regulatory mechanism for renin substrate synthesis by the liver] Murakami E. **Nippon Jinzo Gakkai Shi** 1984 Aug; 26(8):999-1006 (Eng. Abstr.) **(Jpn)**

[Biosynthesis of methylguanidine in isolated rat hepatocytes] Nagase S, et al. **Nippon Jinzo Gakkai Shi** 1984 Nov; 26(11):1453-9 (Eng. Abstr.) **(Jpn)**

[On methylguanidine synthesizing organs--estimation from short term effect of creatinine] Nagase S, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1099-104 (Eng. Abstr.) **(Jpn)**

[Mechanism of cell membrane permeability of bile acids] Iga T. **Nippon Rinsho** 1984 Jul;42(7):1536-42 (34 ref.) **(Jpn)**

[Ammonia metabolism of liver of the fetus induced experimental IUGR in rats--in respect of the enzymes in pyrimidin biosynthesis and urea cycle system] Nagasaki T. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):24-30 (Eng. Abstr.) **(Jpn)**

[Effect of ethanol on in vivo hepatic tissue oxygenation and hepatic hemodynamics in rats treated chronically with carbon tetrachloride] Inoue A, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2780-5 (Eng. Abstr.) **(Jpn)**

[Effect of splenectomy on liver regeneration after partial hepatectomy--on the metabolism of polyamine] Kubo S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):100-7 (Eng. Abstr.) **(Jpn)**

[The changes in gangliosides in the liver and serum in hepatectomized rats] Okabe K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1417 **(Jpn)**

[Effects of 3,4,5-trimethoxy-N-(3-piperidyl) benzamide (KU-54) on the incorporation (excretion) of 14C-glucosamine in the gastric mucosa and the liver of rats] Abe Y, et al. **Nippon Yakurigaku Zasshi** 1984 Jul; 84(1):11-8 (Eng. Abstr.) **(Jpn)**

[Uptake of 67Ga into the rat liver after treatment with thioacetamide] Sasaki T, et al. **Radioisotopes** 1984 Sep; 33(9):617-22 (Eng. Abstr.) **(Jpn)**

[Metabolic disorders in hepatic encephalopathy] Albrecht J. **Neuropatol Pol** 1984;22(4):499-508 (52 ref.) (Eng. Abstr.) **(Pol)**

[Clinical consequences of acetylation polymorphism] Jendryczko A, et al. **Pol Tyg Lek** 1984 Sep 10; 39(37):1249-52 (42 ref.) **(Pol)**

[Genetically determined disorders of pharmacokinetics and their clinical significance] Orzechowska-Juzwenko K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1687-90 **(Pol)**

[Effect of pangamic acid on the course of larval ascariasis and vitamin C concentrations in the adrenal glands and liver of guinea pigs] Jabłonowski Z, et al. **Wiad Parazytol** 1984;30(4):423-33 (Eng. Abstr.) **(Pol)**

[Effect of the intake of imbalanced protein on the liver of growing rats] Tirapegui JO, et al. **Arq Gastroenterol** 1984 Jan-Mar;21(1):29-34 (Eng. Abstr.) **(Por)**

[Quantitative indicators of gentamicin and sisomicin interaction with isolated subcellular fractions of the liver and kidneys and intracellular distribution of these antibiotics] Guliaev AE, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):50-4 (Eng. Abstr.) **(Rus)**

[Macrolide antibiotics: characteristics of their interaction with organoids, intracellular distribution and the effect of sulfalene] Guliaev AE, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):103-6 (Eng. Abstr.) **(Rus)**

[Effect of ethyl alcohol on bile production and lipid peroxidation in tetracycline-induced liver lesions] Skakun NP, et al. **Antibiot Med Biotekhnol** 1985 Feb;30(2):115-8 (Eng. Abstr.) **(Rus)**

[Kanamycin concentrations in liver tissue and bile in acute experimental cholecystocholangiohepatitis] Alekseenko AV, et al. **Antibiotiki** 1984 Nov;29(11):829-30 (Eng. Abstr.) **(Rus)**

[Shifts in tissue respiration of the lung and liver in rabbits administered penicillin and streptomycin] Vaichekonis VI. **Antibiotiki** 1984 Sep;29(9):662-6 (Eng. Abstr.) **(Rus)**

[Thyroid hormones and the level of divalent iron ions in the rabbit liver] Kozlov AV, et al. **Biofizika** 1984 Sep-Oct; 29(5):806-8 (Eng. Abstr.) **(Rus)**

[Concentration of DNA divalent ions in transformed tissues during exposure to various factors] Tkeshelashvili LK, et al. **Biofizika** 1985 Mar-Apr;30(2):348-9 (Eng. Abstr.) **(Rus)**

[The nature of thyroid hormone receptors. The role of serum thyroxine binding prealbumin in the realization of the hormonal effect] Azimova ShS, et al. **Biokhimiia** 1985 Jan; 50(1):114-121 (Eng. Abstr.) **(Rus)**

[Relation of the biosynthesis of intracellular and export proteins in rat liver cells during induction of proliferation by cycloheximide] Boikov PIa, et al. **Biokhimiia** 1984 Sep; 49(9):1470-7 (Eng. Abstr.) **(Rus)**

[Role of supranucleosomal structures of chromatin in the uneven distribution of DNA-bound 7,12-dimethylbenz(a)anthracene metabolites formed in vivo or in the perfused rat liver] Chekulaev VA, et al. **Biokhimiia** 1984 Sep;49(9):1515-22 (Eng. Abstr.) **(Rus)**

[Initiation of RNA synthesis in isolated rat liver nuclei] Glebov AV, et al. **Biokhimiia** 1985 Feb;50(2):196-9 (Eng. Abstr.) **(Rus)**

[Turnover of chromatin-bound and membrane lipids in the liver and thymus of gamma-irradiated rats] Kaznacheev IuS, et al. **Biokhimiia** 1984 Dec;49(12):2008-11 (Eng. Abstr.) **(Rus)**

[ADP-ribosylation of histones and NAD-pyrophosphorylase activity of chicken liver nuclei during induction of DNA damage] Khalmuradov AG, et al. **Biokhimiia** 1985 May; 50(5):844-8 (Eng. Abstr.) **(Rus)**

[Synthesis of nucleic RNA in hydroxythiamine-induced vitamin B1 deficiency] Khokha AM, et al. **Biokhimiia** 1984 Jul;49(7):1166-70 (Eng. Abstr.) **(Rus)**

[Comparative study of lipid transfer between cell organelles using lipid-transfer proteins in vitro] Kolomiitseva IK, et al. **Biokhimiia** 1985 Jun;50(6):891-6 (Eng. Abstr.) **(Rus)**

[Changes in the state of hormone-receptor complexes which contain specific binding sites of rat liver chromatin particles as affected by cortisol] Kuz'menko AP. **Biokhimiia** 1984 Oct;49(10):1634-9 (Eng. Abstr.) **(Rus)**

[Dependence of ADP-ribosylation of histones of chicken liver nuclei on the intranuclear content of NAD] Muliavko NA, et al. **Biokhimiia** 1984 Oct;49(10):1623-7 (Eng. Abstr.) **(Rus)**

[A factor which modifies the interaction of steroids with glucocorticoid receptors] Seleznev IuM, et al. **Biokhimiia** 1985 Jan;50(1):17-24 (Eng. Abstr.) **(Rus)**

[mRNA localization and content in bovine kininogen] Sulimova GE, et al. **Biokhimiia** 1985 Feb;50(2):279-88 (Eng. Abstr.) **(Rus)**

[Effect of neuromediating and neuroblockading hormones on the RNA synthesis in the rat liver nucleus] Tiulenev VI, et al. **Biokhimiia** 1984 Aug;49(8):1320-6 (Eng. Abstr.) **(Rus)**

[Interaction of liposomes with a varying lipid composition with hepatocytes in vitro] Burkhanov SA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):679-81 (Eng. Abstr.) **(Rus)**

[Phospholipids of the subcellular fractions of brain and liver tissues in rats in total oxygen starvation of the body] Gasteva SV, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):290-2 (Eng. Abstr.) **(Rus)**

[Effect of posttraumatic fluctuations in the oxygen tension value in the arterial blood on the intensity of lipid peroxidation in the lungs, liver and myocardium of rats with a lung contusion] Kulitskaia VI, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):276-8 (Eng. Abstr.) **(Rus)**

[Protein-synthesizing function of the liver of rabbits in experimental myocardial infarct] Lekis AV, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):57-60 (Eng. Abstr.) **(Rus)**

[Unusual estrogen-binding liver protein in rats and the metabolism of sex steroids] Shchekunova TA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):186-8 (Eng. Abstr.) **(Rus)**

[Nuclear nonhistone proteins of hepatomas and the liver in rats after the action of hepatic carcinogens and the operation of partial hepatectomy] Fel' VIa, et al. **Dokl Akad Nauk SSSR** 1984;279(4):1008-11 **(Rus)**

[Lactate and pyruvate metabolism in the tissues of rats with Walker carcinosarcoma injected with oxythiamine] Velichko MG, et al. **Eksp Onkol** 1984;6(2):54-7 (Eng. Abstr.) **(Rus)**

[Pharmacodynamics of drugs metabolized in the liver in burn injury in the rat] Khakimov ZZ, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):103-6 **(Rus)**

[Sulfanilamide binding and distribution in the liver cells of rats] Kivman GIa, et al. **Farmakol Toksikol** 1984 Nov-Dec; 47(6):71-4 (Eng. Abstr.) **(Rus)**

[Metabolism of 3H-hydrocortisone in liver, kidney and spleen cells of guinea pigs] Minchenko AG, et al. **Fiziol Zh** 1985 May-Jun;31(3):316-20 (Eng. Abstr.) **(Rus)**

[3H-hydrocortisone binding and metabolism in the subcellular fractions of the liver in intact and adrenalectomized rats] Tron'ko ND, et al. **Fiziol Zh** 1984 Nov-Dec;30(6):714-20 (Eng. Abstr.) **(Rus)**

[Phospholipids in the blood and tissues of rats after infusion of perfluorocarbon emulsion] Tereshina EV, et al. **Gematol Transfuziol** 1985 Apr;30(4):42-5 (Eng. Abstr.) **(Rus)**

[Intratissular control of energy metabolism in the rat liver during starvation in the early period after a partial hepatectomy] Elbakidze GM, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):529-34 (Eng. Abstr.) **(Rus)**

[Characteristics of the transcription activity of liver nuclear DNA in long-term adaptation to altitude hypoxia] Komolova GS, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):25-30 (Eng. Abstr.) **(Rus)**

[Functionally caused changes in protein metabolism in different sections of the brain and liver of rats] Vitvitskii VN. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):31-40 (Eng. Abstr.) **(Rus)**

[Effect of antioxidants on the content of macroergic compounds in the liver and kidneys in burns] Butvin IN, et al. **Klin Khir** 1985 Mar;(3):31-3 (Eng. Abstr.) **(Rus)**

[Carbohydrates and lipids in the blood serum and liver of rats during recovery from 15-hour hypokinesia] Potapov PP, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):87-8 **(Rus)**

[Effect of short-term thermal loads on tissue respiration of skeletal muscles and internal organs of chickens during hypokinesia] Talipov MS, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):60-4 (Eng. Abstr.) **(Rus)**

[Correction of carbohydrate metabolic disorders in pancreatectomized rats by transplantation of the islands of Langerhans into the liver] Korotkina RN, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):54-7 (Eng. Abstr.) **(Rus)**

[Oxygen tension, blood flow and nitrogen metabolism of the liver in chronic toxic hepatitis and hyperbaric oxygenation] Laskarzhevskaia MA, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):58-61 (Eng. Abstr.) **(Rus)**

[Nuclease sensitivity and methylation of chromatin DNA of the rat liver in the initial period of glucocorticoid activity] Romanov GA, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):38-42 (Eng. Abstr.) **(Rus)**

[Lipid transport activity of liver cell cytosol at early periods following gamma-irradiation of rats] Kolomiitseva IK, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):16-9 (Eng. Abstr.) **(Rus)**

[Effect of parenteral nitrogen feeding on the free amino acid composition of the blood serum and liver tissue in irradiated rats] Mil'ko VI, et al. **Radiobiologiia** 1985 May-Jun; 25(3):381-4 (Eng. Abstr.) **(Rus)**

[Dynamics of energy requirements, detoxication and biosynthesis of hepatocyte macromolecules in acute radiation injury] Sharygin VL, et al. **Radiobiologiia** 1985

Jul-Aug;25(4):462-8 (Eng. Abstr.) **(Rus)**

[Nucleic acid metabolism in rat liver after single and prolonged exposure to tritium oxide] Shorokhova VB. **Radiobiologiia** 1984 Nov-Dec;24(6):831-4 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation of the liver in liver disease] Loginov S, et al. **Ter Arkh** 1985;57(2):63-7 (Eng. Abstr.) **(Rus)**

[Specific 125I-insulin binding by hepatocyte plasma membranes and nuclear envelopes in experimental hyperinsulinemia, alloxan diabetes and starvation] Bezdrobnyi IuV. **Tsitologiia** 1984 Jul;26(7):818-25 (Eng. Abstr.) **(Rus)**

[Specific protein markers in monolayer hepatocyte cultures from adult rats] Karavanova ID. **Tsitologiia** 1984 Sep; 26(9):1037-42 (Eng. Abstr.) **(Rus)**

[Effect of glucocorticoids and adrenaline on insulin receptors in plasma membranes and nuclear envelopes of the rat liver] Bezdrobnyi IuV. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):681-5 (Eng. Abstr.) **(Rus)**

[The role of vitamin E in the biosynthesis of the isoprenoid region of the ubiquinone molecule in the rat liver] Donchenko GV, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):47-52 (Eng. Abstr.) **(Rus)**

[In vitro incorporation of [14CH3]methionine into liver phosphatidylcholine in rats with vitamin E deficiency] Donchenko GV, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):75-9 (Eng. Abstr.) **(Rus)**

[Changes in the phospholipid composition of rat liver chromatin during treatment with hydrocortisone] Gevorkian ES, et al. **Ukr Biokhim Zh** 1985 Jul-Aug; 57(4):78-81 (Eng. Abstr.) **(Rus)**

[Kinetics of metallo-enzymatic paramagnetic centers and free radicals in the rat liver in lung carcinogenesis] Iurkovskaia TN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):646-51 (Eng. Abstr.) **(Rus)**

[Lipogenesis and gluconeogenesis in the liver of irradiated rats] Sedlakova A, et al. **Ukr Biokhim Zh** 1984 Sep-Oct; 56(5):532-6 (Eng. Abstr.) **(Rus)**

[Dynamics of [2-14C]pyruvate incorporation into liver phospholipid fractions in rats consuming water or ethanol] Selevich MI, et al. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):674-7 (Eng. Abstr.) **(Rus)**

[Effect of different doses of ethanol on the release of enzymes and lipids from the perfused rat liver] Talakin IuN, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):75-8 (Eng. Abstr.) **(Rus)**

[Nicotinamide nucleotides as factors of lipogenesis regulation] Velikii NN. **Ukr Biokhim Zh** 1984 Jul-Aug; 56(4):369-83 (Eng. Abstr.) **(Rus)**

[Effect of the permeability of lysosomal and mitochondrial membranes on the ability of their cryoextracts to inhibit the protein-synthesizing activity of cell-free systems] Zagnoiko VI, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):16-20 (Eng. Abstr.) **(Rus)**

[Effects of the chemical factor of sapropel applications on energy metabolism of the liver and the state of proliferative processes in the thymus gland in experimental toxic hepatitis] Ioshchenko SE, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec; (6):23-6 (Eng. Abstr.) **(Rus)**

[Additive nature of the stimulating effects of alloxan diabetes and fasting on the specific binding of insulin with its receptors in the plasma membranes of adipose and hepatic cells in the rat] Bezdrobnyi IuV, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):46-51 (Eng. Abstr.) **(Rus)**

[Transcriptional complex of hepatocytes during cholinergic stimulation] Dolgo-Saburov VB, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):83-7 (Eng. Abstr.) **(Rus)**

[Factors affecting the metabolism and distribution of phenazepam in subcellular fractions of animal hepatocytes] Golovenko NIa, et al. **Vopr Med Khim** 1984 Jul-Aug; 30(4):67-71 (Eng. Abstr.) **(Rus)**

[Protein-synthesizing apparatus of the rat liver and placenta during damage of the biomembrane by tetrachloromethane and the administration of methylxanthines] Gubskii IuI, et al. **Vopr Med Khim** 1984;30(6):57-61 (Eng. Abstr.) **(Rus)**

[Isolation of orotic acid from the liver and its metabolism in the rat] Khokha AM, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):22-6 (Eng. Abstr.) **(Rus)**

[Characteristics of glucose metabolism in rats with different preferences for alcohol] Lelevich VV, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):32-6 (Eng. Abstr.) **(Rus)**

[The role of changes in the antioxidative activity and phospholipid composition of the rat liver in the mechanism of phenazepam action on the liver and the protective effect of talamonal] Molochkina EM, et al. **Vopr Med Khim** 1985 May-Jun;31(3):17-21 (Eng. Abstr.) **(Rus)**

[Thiamine triphosphate content of the liver of albino rats with different levels of thiamine] Voskoboev AI, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):106-10 (Eng. Abstr.) **(Rus)**

[DNA reparative synthesis in liver cell cultures from mice with various susceptibilities to spontaneous hepatic carcinogenesis] Budunova IV, et al. **Vopr Onkol** 1985; 31(6):73-6 (Eng. Abstr.) **(Rus)**

[Accumulation and transformation of dietary ergosterol in rats] Garbuzov AG, et al. **Vopr Pitan** 1984 Nov-Dec; (6):54-6 (Eng. Abstr.) **(Rus)**

[Acid-soluble CoA and free amino acid levels in the liver of pantothenic acid-deficient albino rats after separate and combined administration of panthotenic acid and cysteine] Moiseenok AG, et al. **Vopr Pitan** 1984 Jul-Aug;(4):37-9 (Eng. Abstr.) **(Rus)**

[Amino acid metabolism in liver tissue during the consumption of qualitatively different proteins] Sokolova AG, et al. **Vopr Pitan** 1985 May-Jun;(3):23-6 (Eng. Abstr.) **(Rus)**

[Comparative studies on thiamine, pantothenic acid and nicotinic acid metabolism in the digestive system of rats] Stepanova LN, et al. **Vopr Pitan** 1984 Jul-Aug;(4):45-7 (Eng. Abstr.) **(Rus)**

[Adaptive processes occurring during the development of thiamine deficiency] Tumanov VN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):38-42 (Eng. Abstr.) **(Rus)**

[Use of antioxidants for the prevention and correction of the negative effects of hypokinesia] Skakun LN. **Vrach Delo** 1985 Jun;(6):79-81 (Eng. Abstr.) **(Rus)**

[Changes in the electrolyte composition of the heart, liver and kidneys of the rat in pre- and postnatal ontogeny] Denisova LA, et al. **Zh Evol Biokhim Fiziol** 1985 Jan-Feb; 21(1):13-8 (Eng. Abstr.) **(Rus)**

[DNA synthesis in various sections of the brain and in the liver of the rat in early postnatal ontogeny] Vitvitskaia LV, et al. **Zh Evol Biokhim Fiziol** 1984 Nov-Dec;20(6):614-6 (Eng. Abstr.) **(Rus)**

[Penetration and accumulation of 14C-ethanol in the brain and liver of female rats exposed to long-term alcohol and in the tissue of the fetus] Maizelis MIa, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1000-3 (Eng. Abstr.) **(Rus)**

[Changes in metabolic function of the liver in patients with chronic hepatic diseases] Kupčová V, et al. **Bratisl Lek Listy** 1985 Jan;83(1):35-40 (Eng. Abstr.) **(Slo)**

[Quantification of PAS-positive substances in the liver cells of newborn infants in the postnatal period] Lauko L. **Bratisl Lek Listy** 1984 Oct;82(4):1190-204 (Eng. Abstr.) **(Slo)**

[Effects of iodine deficiency during intrauterine and early postnatal life on DNA synthesis in liver and brain of rats] Fábrega I, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):321-32 (Eng. Abstr.) **(Spa)**

[Decrease in the hepatic degradation of insulin in obesity] Cano Rodriguez I, et al. **Rev Clin Esp** 1985 Jun;177(1):11-4 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Hepatitis B virus DNA detected in formalin-fixed liver specimens and its relation to serologic markers and histopathologic features in chronic liver disease. Rijntjes PJ, et al. **Am J Pathol** 1985 Sep;120(3):411-8

Hepatitis B virus transcription in the infected liver. Cattaneo R, et al. **EMBO J** 1984 Sep;3(9):2191-6

Detection of reovirus type 3 in the porta hepatis of an infant with extrahepatic biliary atresia: ultrastructural and immunocytochemical study. Morecki R, et al. **Hepatology** 1984 Nov-Dec;4(6):1137-42

An ultrastructural investigation of cytomegalovirus replication in murine hepatocytes. Papadimitriou JM, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1979-90

Core antigen and antibody in woodchucks after infection with woodchuck hepatitis virus. Ponzetto A, et al. **J Virol** 1984 Oct;52(1):70-6

Organization and expression of mouse mammary tumor virus sequences in normal and neoplastic C3Hf/HeSed mouse tissues. Popko BJ, et al. **J Virol** 1984 Nov;52(2):328-35

Duck hepatitis B virus DNA in liver and serum of Chinese ducks: integration of viral DNA in a hepatocellular carcinoma. Yokosuka O, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5180-4

Impaired liver clearance of bacteria in rats with chronic biliary obstruction. Tanaka N, et al. **Res Exp Med (Berl)** 1985;185(3):173-9

Exotic viruses and the liver. Howard CR, et al. **Semin Liver Dis** 1984 Nov;4(4):361-74 (76 ref.)

Virological classification of autopsy livers with hepatic disorders. Tsujikawa M, et al. **Tohoku J Exp Med** 1984 Dec;144(4):397-408

Electron microscopic observations on primary hepatocyte cultures infected with herpes simplex virus types I and II. Dienes HP, et al. **Virchows Arch [Cell Pathol]** 1984; 46(4):321-32

Asymmetric replication of hepatitis B virus DNA in human liver: demonstration of cytoplasmic minus-strand DNA by blot analyses and in situ hybridization. Blum HE, et al. **Virology** 1984 Nov;139(1):87-96

Hepatitis B virus DNA forms in nuclear and cytoplasmic fractions of infected human liver. Miller RH, et al. **Virology** 1984 Sep;137(2):390-9

Hepatitis B virus particles of plasma and liver contain viral DNA-RNA hybrid molecules. Miller RH, et al. **Virology** 1984 Nov;139(1):53-63

PARASITOLOGY

Trypanosoma cruzi amastigotes: development in vitro and infectivity in vivo of the forms isolated from spleen and liver. Umezawa ES, et al. **Acta Trop (Basel)** 1985 Mar; 42(1):25-32

The histology and ultrastructure of the Meyers-Kouwenaar body in ferrets infected with Brugia malayi. Thompson JP, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1141-6

Ultrastructure of schizonts in the liver of cats with experimentally induced cytauxzoonosis. Simpson CF, et al. **Am J Vet Res** 1985 Feb;46(2):384-90

Fine structure of Plasmodium berghei exoerythrocytic forms in cultured primary rat hepatocytes. Meis JF, et al. **Cell Biol Int Rep** 1984 Sep;8(9):755-65

Intranuclear localization of Plasmodium berghei sporozoites. Meis JF, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1016

Transformation of sporozoites of Plasmodium berghei into exoerythrocytic forms in the liver of its mammalian host. Meis JF, et al. **Cell Tissue Res** 1985;241(2):353-60

Plasmodium berghei: gluconeogenesis in the infected mouse liver studied by 13C nuclear magnetic resonance. Geoffrion Y, et al. **Exp Parasitol** 1985 Jun;59(3):364-74

Malaria and the liver. Hollingdale MR. **Hepatology** 1985 Mar-Apr;5(2):327-35 (74 ref.)

Larval cestodes (Mesocestoides sp.) in the liver of the island night lizard, Xantusia riversiana. Goldberg SR. **J Wildl Dis** 1985 Jul;21(3):310-2

Primaquine and lysosomotropic amines inhibit malaria sporozoite entry into human liver cells. Schwartz AL, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):305-11

On the tissular parasitism of Trypanosoma cruzi Y strain in Swiss mice. de Sousa MA, et al. **Rev Inst Med Trop Sao Paulo** 1984 Nov-Dec;26(6):316-21

Complete development of hepatic stages of Plasmodium falciparum in vitro. Mazier D, et al. **Science** 1985 Jan 25; 227(4685):440-2

Parasitic liver damage in lambs with particular reference to the migrating larvae of Ascaris suum. Brown D, et al. **Vet Rec** 1984 Sep 22;115(12):300-3

[Obtaining hepatic stages of Plasmodium falciparum in vitro] Mazier D, et al. **Ann Parasitol Hum Comp** 1984;59(5):525-6 (Eng. Abstr.) **(Fre)**

PATHOLOGY

A novel in vitro-in vivo approach to carcinogenesis studies designed for use with human cells and tissues. Cameron RG, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct; 28(5):614-20

Fine needle aspiration biopsy of the liver. A study of 102 consecutive cases. Whitlatch S, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):719-25

Effects of carbon tetrachloride and azathioprine on diethylnitrosamine and N-2-fluorenylacetamide-induced hyperplastic liver nodule and hepatocellular carcinoma. Sakata T. **Acta Med Okayama** 1984 Dec;38(6):511-24

Nonicteric liver damage with a gamma-glutamyl transpeptidase level of 5,609 units/l in a renal-transplant recipient receiving azathioprine. Watanabe A, et al. **Acta Med Okayama** 1984 Dec;38(6):533-9

High incidence of peliosis hepatis in autopsy cases of aplastic anemia with special reference to anabolic steroid therapy. Wakabayashi T, et al. **Acta Pathol Jpn** 1984 Sep; 34(5):1079-86

Combined contraceptives in experimental liver damage. Kulcsár A, et al. **Acta Pharm Hung** 1984 Nov;54(6):272-9

Value of heparinized fine-needle aspiration biopsy in liver malignancy. Kasugai H, et al. **AJR** 1985 Feb;144(2):243-4

Comparison of convex and linear transducers for sonographic assessment of the liver, spleen, and pancreas. Nakanishi T, et al. **AJR** 1984 Nov;143(5):1110-2

Atrophy of the left hepatic lobe caused by a cholangiocarcinoma. Vazquez JL, et al. **AJR** 1985 Mar; 144(3):547-8

Comparison of ballooned hepatocytes in alcoholic and non-alcoholic liver injury in rats. Matsuda Y, et al. **Alcohol** 1985 Mar-Apr;2(2):303-8

Alcohol-induced liver disease. Frank D, et al. **Alcoholism (NY)** 1985 Jan-Feb;9(1):66-82 (191 ref.)

Clinical and pathologic findings of the liver in the acquired immune deficiency syndrome (AIDS). Glasgow BJ, et al. **Am J Clin Pathol** 1985 May;83(5):582-8

Histochemical characteristics of fat-storing cells in alcoholic liver disease: a study by the gold chloride method using needle biopsy specimens of the liver. Tozuka S, et al. **Am J Clin Pathol** 1985 Jan;83(1):47-52

Laparoscopic findings in seven patients with nodular regenerative hyperplasia of the liver. Cano-Ruiz A, et al. **Am J Gastroenterol** 1985 Oct;80(10):796-800

Pathological study on livers with noncirrhotic portal hypertension and portal venous thromboembolic occlusion: report of seven autopsy cases. Nakanuma Y, et al. **Am J Gastroenterol** 1984 Oct;79(10):782-9

The Meckel syndrome: clinicopathological findings in 67 patients. Salonen R. **Am J Med Genet** 1984 Aug; 18(4):671-89

Liver perisinusoidal fibrosis in BB rats with or without overt diabetes. Bernuau D, et al. **Am J Pathol** 1985 Jul; 120(1):38-45

The pathology of experimentally induced cecal amebiasis in gerbils (Meriones unguiculatus). Liver changes and amebic liver abscess formation. Chadee K, et al. **Am J Pathol** 1985 Jun;119(3):485-94

The pathogenesis of experimentally induced amebic liver abscess in the gerbil (Meriones unguiculatus). Chadee K, et al. **Am J Pathol** 1984 Oct;117(1):71-80

Connection of ductlike structures induced by a chemical hepatocarcinogen to portal bile ducts in the rat liver detected by injection of bile ducts with a pigmented barium gelatin medium. Dunsford HA, et al. **Am J Pathol** 1985 Feb;118(2):218-24

Bone marrow transplantation in the rat. III. Structure of the liver inflammatory lesion in acute graft-versus-host disease. Leszczynski D, et al. **Am J Pathol** 1985 Aug;120(2):316-22

Cytochalasin delays but does not prevent cell death from anoxia. Okayasu T, et al. **Am J Pathol** 1984 Nov;117(2):163-6

Cellular bases of experimental amebic liver abscess formation. Tsutsumi V, et al. **Am J Pathol** 1984 Oct;117(1):81-91

Fatal disseminated adenovirus infection featuring liver necrosis and prolonged viremia in an immunosuppressed child with malignant histiocytosis. Faden H, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):15-20

Approach to the spectrum of Budd-Chiari syndrome: which patients require portal decompression? Millikan WJ Jr, et al. **Am J Surg** 1985 Jan;149(1):167-76

Reversal of hepatic fibrosis after praziquantel therapy of murine schistosomiasis. Morcos SH, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):314-21

Fibrolamellar carcinoma of the liver. Review of three cases and the presentation of a characteristic set of tumor markers defining this tumor. Teitelbaum DH, et al. **Ann Surg** 1985 Jul;202(1):36-41

Short term histological liver changes in extrahepatic biliary atresia with good postoperative bile drainage. Dessanti A, et al. **Arch Dis Child** 1985 Aug;60(8):739-42

Usefulness of clinical features and liver biopsy in diagnosis of disseminated herpes simplex infection. Raga J, et al. **Arch Dis Child** 1984 Sep;59(9):820-4

Ultrasonography of the pancreas, liver, and biliary system in cystic fibrosis. Wilson-Sharp RC, et al. **Arch Dis Child** 1984 Oct;59(10):923-6

Chronic active hepatitis of hepatitis B and non-A, non-B etiology. Immunohistochemical localization of hepatitis B core antigen in a series of needle biopsies. Ulich TR, et al. **Arch Pathol Lab Med** 1985 May;109(5):403-7

Liver biopsy and black disease in a sheep. Duncan IF. **Aust Vet J** 1984 Aug;61(8):272-3

Embolic control of massive haematobilia after liver biopsy. Doyle T, et al. **Australas Radiol** 1985 Feb;29(1):35-8

Investigation of the mechanism of hepatotoxicity of N-methylformamide in mice: effects on calcium sequestration in hepatic microsomes and mitochondria and on hepatic plasma membrane potential. Whitby H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):712-8

Change of hepatic histamine content during hepatic fibrosis. Umezu K, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2007-11

Liver connective tissue cells isolated from human schistosomal fibrosis or alcoholic cirrhosis represent a modified phenotype of smooth muscle cells. Borojevic R, et al. **Biol Cell** 1985;53(3):231-8

A study of liver biopsies and liver disease among hemophiliacs. Aledort LM, et al. **Blood** 1985 Aug;66(2):367-72

Hepatic necrosis and glutathione depletion in captopril-treated mice. Helliwell TR, et al. **Br J Exp Pathol** 1985 Feb;66(1):67-78

Lung, heart and liver lesions in adult red deer: a histopathological survey. Munro R, et al. **Br Vet J** 1985 Jul-Aug;141(4):388-96

Hepatic dysfunction and jaundice following high-dose cytosine arabinoside. George CB, et al. **Cancer** 1984 Dec 1;54(11):2360-2

Karyometric analysis of liver cell dysplasia and hepatocellular carcinoma. Evidence against precancerous nature of liver cell dysplasia. Henmi A, et al. **Cancer** 1985 Jun 1;55(11):2594-9

Tumorigenicity, major histocompatibility antigens, and karyotypes of interspecific hybrids between mouse neuroblastoma and rat glioma or liver cells. Higashida H, et al. **Cancer Genet Cytogenet** 1985 Apr 1;16(3):219-27

Loss of lipid peroxidation as a histochemical marker for preneoplastic hepatocellular foci of rats. Benedetti A, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5712-7

Isolation of preneoplastic rat liver cells by centrifugal elutriation and binding to asialofetuin. Evarts RP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5718-24

Monoclonal antibodies recognizing oval cells induced in the liver of rats by N-2-fluorenylacetamide or ethionine in a choline-deficient diet. Hixson DC, et al. **Cancer Res** 1985 Aug;45(8):3750-60

Thermal sensitivity to single and double heat treatments in normal canine liver. Prionas SD, et al. **Cancer Res** 1985 Oct;45(10):4791-7

Changes in polypeptide pattern of rat liver cells during chemical hepatocarcinogenesis. Sugioka Y, et al. **Cancer Res** 1985 Jan;45(1):365-78

Emergence of a population of small, diploid hepatocytes during hepatocarcinogenesis. Schwarze PE, et al. **Carcinogenesis** 1984 Oct;5(10):1267-75

Hepatic neoplastic nodules, adenofibrosis, and cholangiocarcinomas in male Fisher 344 rats fed corn naturally contaminated with Fusarium moniliforme. Wilson TM, et al. **Carcinogenesis** 1985 Aug;6(8):1155-60

Liver necrosis after hepatic dearterialization in pigs. Stridbeck H, et al. **Cardiovasc Intervent Radiol** 1985;8(1):50-3

Blind and target liver biopsy in the diagnosis of malignant liver diseases—a comparison. Atoba MA. **Cent Afr J Med** 1984 Nov;30(11):225-6

Nodular regenerative hyperplasia of the liver: a cause of noncirrhotic portal hypertension. Tuthill RJ. **Cleve Clin Q** 1984 Fall;51(3):559-64

Plasma glutathione S-transferase measurements by radioimmunoassay: a sensitive index of hepatocellular damage in man. Beckett GJ, et al. **Clin Chim Acta** 1985 Feb 28;146(1):11-9

Pedunculated focal nodular hyperplasia. Kienzle GD, et al. **Clin Nucl Med** 1985 Jul;10(7):524

Chronic active hepatitis and Behçet's syndrome. Manna R, et al. **Clin Rheumatol** 1985 Mar;4(1):93-6

The influence of multiple liver biopsies on hematologic and serum biochemical values of sheep. Harvey RB, et al. **Cornell Vet** 1984 Oct;74(4):322-30

Relationship between HBV markers and heroin as a cause of liver injury in drug addicts. Vandelli C, et al. **Drug Alcohol Depend** 1984 Oct;14(2):129-33

Laparoscopic and histological problems in the diagnosis of nodular regenerative hyperplasia of the liver. Solis Herruzo JA, et al. **Endoscopy** 1985 May;17(3):105-8

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):615-23

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):333-41

Tumor growth in liver atrophy and growth. An experimental study in rats. Rozga J, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):135-40

Serum bile acid in the evaluation of colchicine treatment of carbon tetrachloride-induced liver injury. Bolarin DM. **Exp Mol Pathol** 1984 Dec;41(3):384-9

Isopropanol and chlordecone potentiation of carbon tetrachloride liver injury: retention of potentiating action in hepatocyte suspensions prepared from rats given isopropanol or chlordecone. Glende EA Jr, et al. **Exp Mol Pathol** 1985 Apr;42(2):167-74

Changes in the structure and distribution of the Golgi apparatus in guinea pig liver cells in histamine-induced shock. Zapolska-Downar B. **Folia Morphol (Praha)** 1985;33(2):129-31

Quantitative evaluation of hepatic foci of cellular alteration occurring spontaneously in Fischer-344 rats. Popp JA, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):314-9

Primary biliary cirrhosis. Peters RL. **Gastroenterology** 1985 Jun;88(6):1998-2000

Sequential and diagnostic features in primary biliary cirrhosis based on serial histologic study in 209 patients. Portmann B, et al. **Gastroenterology** 1985 Jun;88(6):1777-90

Diltiazem and granulomatous hepatitis. Sarachek NS, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1260-2

In vivo hepatic volume determination using sonography and computed tomography. Validation and a comparison of the two techniques. Van Thiel DH, et al. **Gastroenterology** 1985 Jun;88(6):1812-7

Extension of hepatoma to the rectus abdominis muscle via ligamentum teres hepatis. Kim SY, et al. **Gastrointest Radiol** 1985;10(2):119-21

Liver in obesity. Braillon A, et al. **Gut** 1985 Feb;26(2):133-9

Relationships between liver histologic lesions and portal hypertension in patients with alcoholic cirrhosis [letter] **Hepatology** 1985 Jul-Aug;5(4):703-5

Morphologic features of the liver in abetalipoproteinemia. Avigan MI, et al. **Hepatology** 1984 Nov-Dec;4(6):1223-6

Isolation, culture and characterization of adult human hepatocytes from surgical liver biopsies. Ballet F, et al. **Hepatology** 1984 Sep-Oct;4(5):849-54

Centrilobular liver necrosis induced by hypoxia in chronic ethanol-fed rats. French SW, et al. **Hepatology** 1984 Sep-Oct;4(5):912-7

A radioimmunoassay procedure for type III procollagen: its use in the detection of hepatic fibrosis. Galambos MR, et al. **Hepatology** 1985 Jan-Feb;5(1):38-42

Measurement of fibrosis in needle liver biopsies: evaluation of a colorimetric method. Jimenez W, et al. **Hepatology** 1985 Sep-Oct;5(5):815-8

Pit cell-hepatocyte contact in autoimmune hepatitis. Kaneda K, et al. **Hepatology** 1984 Sep-Oct;4(5):955-8

The liver in the acquired immunodeficiency syndrome: a clinical and histologic study. Lebovics E, et al. **Hepatology** 1985 Mar-Apr;5(2):293-8

Decreased serum group-specific component protein levels and complexes with actin in fulminant hepatic necrosis. Lee WM, et al. **Hepatology** 1985 Mar-Apr;5(2):271-5

Liver orcein stain and viral DNA in duck hepatitis B virus infection in Chinese ducks and experimentally infected Japanese ducklings. Mori J, et al. **Hepatology** 1984 Nov-Dec;4(6):1124-8

Histopathological lesions of the liver in hairy cell leukemia: a report of 14 cases. Roquet ML, et al. **Hepatology** 1985 May-Jun;5(3):496-500

Functional properties of isolated hepatocytes from ethanol-treated rat liver. Schüller A, et al. **Hepatology** 1985 Jul-Aug;5(4):677-82

Sinusoidal caliber in alcoholic and nonalcoholic liver disease: diagnostic and pathogenic implications. Vidins EI, et al. **Hepatology** 1985 May-Jun;5(3):408-14

Immunologic analysis of mononuclear cells in liver tissues and blood of patients with primary sclerosing cholangitis. Whiteside TL, et al. **Hepatology** 1985 May-Jun;5(3):468-74

Multiple hepatic lesions during acute leukemia remissions. Ito K, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):177-87

Studies of standard liver function and hepatic fibrosis in rats with obstructive jaundice and biliary drainage. Takeuchi H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):679-83

Liver findings in Niemann-Pick disease type C. Elleder M, et al. **Histochem J** 1984 Nov;16(11):1147-70

Histochemical observations on the exoerythrocytic malaria parasite Plasmodium berghei in rat liver. Meis JF, et al. **Histochemistry** 1984;81(5):417-25

Ultrastructural observations on sinusoidal endothelial cells in chronic active hepatitis. Bardadin KA, et al. **Histopathology** 1985 Feb;9(2):171-81

Alterations of markers during hepatocarcinogenesis in rats. Lapis K, et al. **IARC Sci Publ** 1984;(56):25-36

Relationship of histochemically detectable altered hepatocyte foci to hepatic tumorigenesis. Peraino C, et al. **IARC Sci Publ** 1984;(56):37-55

Initiation-promotion-initiation. Induction of neoplastic foci within islands of precancerous liver cells in the rat. Scherer E, et al. **IARC Sci Publ** 1984;(56):57-66

Aberrant expression of adaptation to phenobarbital may cause selective growth of foci of altered cells in rat liver. Schulte-Hermann R, et al. **IARC Sci Publ** 1984;(56):67-75

The mechanism of cocarcinogenic action of ethanol in rat liver. Schwarz M, et al. **IARC Sci Publ** 1984;(56):83-90

Involvement of liver in tuberculosis. Murthy PA, et al. **Indian J Gastroenterol** 1982 Apr;1(1):22-5

Clinical and biochemical profile of subacute hepatic necrosis. Nigam P, et al. **Indian J Gastroenterol** 1984 Jan;3(1):21-2

Immunohistochemical demonstration of ceruloplasmin in the livers of Indian childhood cirrhosis. Mehrotra R, et al. **Indian J Med Res** 1984 Jun;79:792-6

Hepatic glycogen, iron distribution & histopathological alterations in mice exposed to hexachlorocyclohexane. Nigam SK, et al. **Indian J Med Res** 1984 Apr;79:571-9

Hepatic mast cells in rats infected with Taenia taeniaeformis. Lindsay MC, et al. **Int J Parasitol** 1985 Apr;15(2):203-9

Effect of prophylactic atropine administration on electrocardiographic changes during percutaneous liver needle biopsy. Naschitz JE, et al. **Isr J Med Sci** 1985 Jan;21(1):74-6

Ultrasonography and computed tomography in the diagnosis of hemobilia after percutaneous liver biopsy. A case report. Frere D, et al. **J Belge Radiol** 1984;67(4):247-9

Idiopathic portal hypertension [letter] Heit HA. **J Clin Gastroenterol** 1984 Aug;6(4):382

How not to do a liver biopsy [editorial] Stevenson GW. **J Clin Gastroenterol** 1984 Oct;6(5):399-400

The role of lysosomes in the pathogenesis of copper-induced hepatotoxicity: morphological studies. Helman RG, et al. **J Comp Pathol** 1985 Jan;95(1):25-35

Percutaneous hepatic biopsy in suspected pancreatic carcinoma. Phillips VM, et al. **J Comput Tomogr** 1984 Oct;8(4):307-10

Liver wedge biopsy in nonhuman primates. Eichberg JW. **J Med Primatol** 1985;14(3):165-8

Different mechanisms responsible for in vitro cell-mediated cytotoxicity to autologous hepatocytes in children with autoimmune and HBsAg-positive chronic liver disease. Mondelli M, et al. **J Pediatr** 1985 Jun;106(6):899-906

In biliary atresia duct histology correlates with bile flow. Ohi R, et al. **J Pediatr Surg** 1984 Aug;19(4):467-70

Nodular transformation (multifocal regenerative hyperplasia) of the liver (a case report). Vora IM, et al. **J Postgrad Med** 1984 Apr;30(2):129-32

Nodular regenerative hyperplasia of the liver in a patient with rheumatoid vasculitis: a morphometric study suggesting a role for hepatic arteritis in the pathogenesis. Reynolds WJ, et al. **J Rheumatol** 1984 Dec;11(6):838-42

Suspected Tyzzer's disease in two foals. Van der Lugt JJ, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):107-8

Liver pathology of yellow perch, Perca flavescens (Mitchill), infected with larvae of the nematode Raphidascaris acus (Bloch, 1779). Poole BC, et al. **J Wildl Dis** 1984 Oct;20(4):303-7

Hepatic vascular lesions in AIDS [letter] Devars du Mayne JF. **JAMA** 1985 Jul 5;254(1):53-4

Perivenular fibrosis as precursor lesion of cirrhosis. Worner TM, et al. **JAMA** 1985 Aug 2;254(5):627-30

Profound postinitiation enhancement by short-term severe methionine, choline, vitamin B12, and folate deficiency of hepatocarcinogenesis in F344 rats given a single low-dose diethylnitrosamine injection. Hoover KL, et al. **JNCI** 1984 Dec;73(6):1327-36

Sequential histologic study of rat liver during peroxisome proliferator [4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio]-acetic acid (Wy-14,643)-induced carcinogenesis. Rao MS, et al. **JNCI** 1984 Oct;73(4):983-90

Liver regeneration and tumor growth in the rat after partial hepatectomy. Ichihashi H, et al. **Jpn J Surg** 1984 Nov;14(6):510-4

A study of the frequency of hepatocellular mitotic figures in human autopsy cases. Kuramochi S. **Keio J Med** 1983 Dec;32(3-4):99-111

In situ ultrastructural detection and quantitation of liver mononuclear phagocytes in contact with hepatocytes in chronic type B hepatitis. Bernuau D, et al. **Lab Invest** 1984 Dec;51(6):667-74

Occurrence of cell death (apoptosis) during the involution of liver hyperplasia. Columbano A, et al. **Lab Invest** 1985 Jun;52(6):670-5

Cholestatic features in focal nodular hyperplasia of the liver. Butron Vila MM, et al. **Liver** 1984 Dec;4(6):387-95

Acute liver biopsy lesions in early autoimmune ('lupoid') chronic active hepatitis. Lefkowitch JH, et al. **Liver** 1984 Dec;4(6):379-86

Alcoholic hyalin-containing hepatocytes--a characteristic morphologic appearance. Uchida T, et al. **Liver** 1984 Aug; 4(4):233-43

Study of the mutagenic activity of 6 hepatotoxic pharmaceutical drugs in the Salmonella typhimurium microsome test, and the HGPRT and Na+/K+ ATPase system in cultured mammalian cells. Dayan J, et al. **Mutat Res** 1985 Jul;157(1):1-12

Hepatotoxic doses of dioxin do not damage mouse bone marrow chromosomes. Meyne J, et al. **Mutat Res** 1985 Jul;157(1):63-9

Pathological studies on white spots of the liver in fattening pigs. Nakagawa M, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):138-49

White spots of the liver in pigs experimentally infected with Ascaris suum. Yoshihara S, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):127-37

Increased UDP-glucuronyltransferase in putative preneoplastic foci of human liver after long-term use of oral contraceptives. Fischer G, et al. **Naturwissenschaften** 1985 May;72(5):277-8

Bile leakage after liver biopsy and its diagnosis by HIDA-scan. Grijm R, et al. **Neth J Med** 1984; 27(10):408-11

Three-dimentional histometry of bile ducts in the porta hepatis tissue in cases of biliary atresia. Matsukawa Y. **Nippon Geka Hokan** 1984 Jan 1;53(1):47-66

Hepatic fat and alcoholic cirrhosis. **Nutr Rev** 1985 Apr; 43(4):124-5

Halothane-induced hepatic necrosis. A case report. Fatati G, et al. **Panminerva Med** 1984 Apr-Jun;26(2):109-112

A model of bile duct hyperplasia in the rat induced by diethylnitrosamine and selective cytotoxicity. Smith GJ, et al. **Pathology** 1984 Oct;16(4):396-400

Immunodeficiency-disease-associated atypical chronic hepatitis: a clinicopathologic study. Snover DC, et al. **Pediatr Pathol** 1983 Apr-Jun;1(2):229-41

Target polypeptide of a carcinogen is associated with normal mitosis and carcinogen-induced hyperplasias in adult hepatocytes. Custer RP, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6738-42

Hepatotoxicity of chemically-defined diets containing polysorbate-80 in germfree and conventional mice. Reyniers JP, et al. **Prog Clin Biol Res** 1985;181:91-4

Suppressive influence of methemoglobinemia due to nitrite on hepatotoxicosis due to dimethylnitrosamine (DMN) in germ-free rats. Sumi Y, et al. **Prog Clin Biol Res** 1985; 181:301-4

Alterations in cell number, size and collagen content in livers of conventional and germfree mice bearing Schistosoma mansoni. Vieira LQ, et al. **Prog Clin Biol Res** 1985; 181:235-8

An unusual case of Wilson's disease. Madden JW, et al. **Q J Med** 1985 Apr;55(216):63-73

Liver size evaluated by ultrasound: ROC curves for hepatitis and alcoholism. Niederau C, et al. **Radiology** 1984 Nov; 153(2):503-5

Focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy. Welch TJ, et al. **Radiology** 1985 Sep;156(3):593-5

Early migration of immature Fasciola hepatica and associated liver pathology in cattle. Doy TG, et al. **Res Vet Sci** 1984 Sep;37(2):219-22

Serum tissue polypeptide antigen in chronic pancreatic disease. Does hepatic damage have any influence? Panucci A, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):425-9

Fasting serum bile acid levels in relation to liver histopathology in cystic fibrosis. Strandvik B, et al. **Scand J Gastroenterol** 1985 Apr;20(3):381-4

A simplified method of wedge liver biopsy. Olivencia JA. **Surg Gynecol Obstet** 1985 Apr;160(4):354-5

The effects of reversal of jejunoileal bypass operations on hepatic triglyceride content and hepatic morphology. Styblo T, et al. **Surgery** 1984 Oct;96(4):632-41

Effect of cobaltous chloride on butylated hydroxytoluene-induced hepatic necrosis in rats. Nakagawa Y, et al. **Toxicol Lett** 1985 Jan;24(1):85-9

Characterization of dimethylnitrosamine-induced focal and nodular lesions in the livers of newborn mice. Cater KC, et al. **Toxicol Pathol** 1985;13(1):3-9

Early stages of nodular transformation of the B6C3F1 mouse liver induced by choline deficiency. de Camargo JL, et al. **Toxicol Pathol** 1985;13(1):10-7

Transplantation studies on induced and spontaneous nodules from B6C3F1 mouse liver. Essigmann E, et al. **Toxicol Pathol** 1984;12(3):211-20

Chemical carcinogenesis: hepatocyte nodules with a special phenotype as a common step at the crossroads. Farber E, et al. **Toxicol Pathol** 1984;12(3):288-90

Increased incidence of hepatic foci and nodules in rats given one or two doses of 1,2-dibromoethane. Moslen MT. **Toxicol Pathol** 1984;12(4):307-14

Fibroblast stimulating activity of extracts of hepatic granulomata of Schistosoma mansoni-infected rodents with marked or slight hepatic fibrosis. Cheever AW, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):319-21

Histopathology of hepatic amoebiasis in guinea-pigs infected through intracaecal and intramesenteric routes. Gill NJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):339-43

Hepatic biopsy. Jones BD, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):39-65

Interpretation of canine liver biopsy. A clinician's perspective. Zawie DA, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):67-76

Immunohistochemical study on the liver in autopsy cases with disseminated intravascular coagulation (DIC) with reference to clinicopathological analysis. Esaki Y, et al. **Virchows Arch [A]** 1984;404(3):229-41

Lesions in the liver and kidney of Dirofilaria immitis-infected dogs following treatment with ivermectin. Simpson CF, et al. **Z Parasitenkd** 1985;71(1):97-105

[Serum immunoglobulin levels and histomorphological changes in the liver in chronic liver diseases] Dinkov L, et al. **Vutr Boles** 1984;23(4):31-7 (Eng. Abstr.) **(Bul)**

[Pathological changes and clinical types in advanced schistosomiasis] Fan XL, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):190-2 (Eng. Abstr.) **(Chi)**

[Experimental therapy of hepatic fibrosis in schistosomiasis japonica. II. Effect of colchicine on hepatic fibrosis] Mo RM, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):164-6 (Eng. Abstr.) **(Chi)**

[Chronic active hepatitis in infants diagnosed by liver biopsy] Wang DM. **Chung Hua I Hsueh Tsa Chih** 1984 May; 64(5):277-9 (Eng. Abstr.) **(Chi)**

[Histopathological and histochemical studies on toxic effect of brodifacoum in mouse liver] Zhang LY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):386-8 (Eng. Abstr.) **(Chi)**

[Morphologic findings in liver tissue in primary sclerosing cholangitis] Chlumska A, et al. **Cas Lek Cesk** 1985 May 3;124(18):570-2 (Eng. Abstr.) **(Cze)**

[The liver in untreated and treated obesity] Andersen T, et al. **Ugeskr Laeger** 1984 Oct 1;146(40):3011-4 (Eng. Abstr.) **(Dan)**

[Typhlohepatitis in ostriches (Struthio camelus) caused by a Histomonas infection] Borst GH, et al. **Tijdschr Diergeneeskd** 1985 Jul 1;110(13):536 (Eng. Abstr.) **(Dut)**

[An immunological technic (ABC immunoperoxidase) demonstrating hepatic differentiation in teratocarcinomas of the mouse] Gaillard JA, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):245-58 (Eng. Abstr.) **(Fre)**

[Hepatic granulomatous localizations in Whipple's disease. Apropos of 2 cases] Brisseau JM, et al. **Arch Anat Cytol Pathol** 1984;32(6):361-4 (Eng. Abstr.) **(Fre)**

[Perisinusoidal hepatic deposits. Symptomatology and identification] Deugnier Y, et al. **Arch Anat Cytol Pathol** 1984;32(5):307-10 (Eng. Abstr.) **(Fre)**

[Mesenchymatous hepatitis. Primary or secondary nontumoral lesions of the hepatic mesenchyma] Martin E, et al. **Arch Anat Cytol Pathol** 1984;32(5):277-82 (Eng. Abstr.) **(Fre)**

[When and how to assess hepatic fibrosis?] Beaugrand M. **Gastroenterol Clin Biol** 1985 Mar;9(3):235-7 **(Fre)**

[Perfusion-fixation of liver needle biopsy: technic] Bioulac-Sage P, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):656-9 (Eng. Abstr.) **(Fre)**

[Regenerative nodular hyperplasia, hepatocellular carcinoma and oral contraceptives (letter)] Bretagne JF, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):768-9 **(Fre)**

[Encephalopathy following portal shunting in nodular regenerative hyperplasia of the liver] Samuel D, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):162-5 (Eng. Abstr.) **(Fre)**

[Hepatic biopsy by posterior extraperitoneal puncture. Statistics of 1000 cases] Andreoni B, et al. **J Chir (Paris)** 1985 Mar;122(3):175-81 (Eng. Abstr.) **(Fre)**

[Influence of pedicle clamping in partial hepatic resection with the Nd YAG laser. Comparative study in a series of 15 pigs] Godlewski G, et al. **J Chir (Paris)** 1984 Nov; 121(11):667-72 (Eng. Abstr.) **(Fre)**

[Hepatic involvement in the acquired immunodeficiency syndrome. Study of 20 cases] Devars du Mayne JF, et al. **Presse Med** 1985 May 25;14(21):1177-80 (Eng. Abstr.) **(Fre)**

[Anatomo-pathologic aspects of hepatitis B] De Prez C, et al. **Rev Med Brux** 1984 Jun;5(6):385-90 (Eng. Abstr.) **(Fre)**

[Hepatitis induced by isaxonine phosphate. Clinical, biological, histoenzymological, biochemical data] Lageron A, et al. **Therapie** 1984 Sep-Oct;39(5):537-40 (Eng. Abstr.) **(Fre)**

[Asymptomatic carriers of HBs antigen. Correlations between biological and histological findings] Sakka T, et al. **Tunis Med** 1985 Jan;63:49-52 (Eng. Abstr.) **(Fre)**

[Dicrocoeliasis of sheep: studies of the pathogenesis and regeneration of the liver following therapy] Wolff K, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):378-87 (Eng. Abstr.) **(Ger)**

[Adaptive and compensatory reactions in the liver] Blüger A, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(2):68-75 (Eng. Abstr.) **(Ger)**

[Risk-benefit relation of liver biopsy in unclear jaundice] Wiese M. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):20-6 (Eng. Abstr.) **(Ger)**

[Lipolytic liver tissue necrosis in pancreatitis] Bettendorf U. **Pathologe** 1985 May;6(3):158-60 **(Ger)**

[Intrahepatic sclerosing cholangitis. Morphology, morphogenesis and diagnosis] Klinge O. **Pathologe** 1985 Mar;6(2):53-63 **(Ger)**

[Liver metastases. Cytohistologic studies] Schmitz-Moormann P, et al. **Pathologe** 1984 Oct;5(5):260-1 **(Ger)**

[Liver metastases. Cytologic studies in ultrasound-guided removal of fine needle puncture samples] Voeth C. **Pathologe** 1984 Oct;5(5):262-8 **(Ger)**

[Analysis of the results of 96 CT-guided fine needle biopsies of liver masses] Lüning M, et al. **ROFO** 1984 Sep; 141(3):267-75 (Eng. Abstr.) **(Ger)**

[Chronic fatal vitamin A poisoning with hemolytic anemia] Bürgi W, et al. **Schweiz Med Wochenschr** 1985 Apr 13; 115(15):526-8 (Eng. Abstr.) **(Ger)**

[Ultrasound-guided thin-needle biopsy in focal liver diseases. II. Benign focal liver diseases] Wernecke K, et al. **Ultraschall Med** 1984 Dec;5(6):303-11 (Eng. Abstr.) **(Ger)**

[Ultrasound-guided thin-needle biopsy in focal liver diseases. I. Malignant hepatic tumors] Wernecke K, et al. **Ultraschall Med** 1984 Dec;5(6):298-302 (Eng. Abstr.) **(Ger)**

[Reference for Menghini's liver biopsy in infants, small children and school children] Cario WR, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):885-8 **(Ger)**

[Anthracosilicosis manifested in the liver] Kádas I, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):305-8 (Eng. Abstr.) **(Hun)**

[Diagnostic value of needle biopsy of the liver in visceral larva migrans] Kádas I, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jan;25(1):48-52 (Eng. Abstr.) **(Hun)**

[Histochemical identification of preneoplastic hepatocellular lesions in the human liver] Malvaldi G, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1785-90 (Eng. Abstr.) **(Ita)**

[Hepatic histology of morbid obesity patients after various types of jejunoileal bypass] Lattuada E, et al. **Minerva Chir** 1984 Oct 31;39(20):1409-13 **(Ita)**

[Hepatic histology in morbid obesity patients before and after jejunoileal bypass] Lattuada E, et al. **Minerva Chir** 1984 Oct 31;39(20):1405-8 **(Ita)**

[Hepatic lesions in rats with aflatoxin B1 poisoning] Santa Cruz G, et al. **Pathologica** 1984 Jul-Aug;76(1044):465-74 (Eng. Abstr.) **(Ita)**

[Hepatic evaluation in malignant lymphoma. Clinico-pathological correlation in 125 cases] Montalbetti L, et al. **Recenti Prog Med** 1984 Nov;75(11):957-70 (Eng. Abstr.) **(Ita)**

[Hepatic biopsy in alcoholic hepatopathy (letter)] Russo M. **Recenti Prog Med** 1985 Mar;76(3):182-3 **(Ita)**

[Changes in serum gamma-GTP activities after abstinence in alcoholic liver diseases with special reference to liver histology] Takahashi T, et al. **Arukoru Kenkyuto Yakubutsu Izon** 1984 Dec;19(4):289-301 (Eng. Abstr.) **(Jpn)**

[Studies on the clinical course of chronic hepatitis--cases with serial needle liver biopsies. Correlation of hepatic scintigram and laboratory test with histological features] Hirata T. **Fukuoka Igaku Zasshi** 1984 Sep;75(9):544-56 (Eng. Abstr.) **(Jpn)**

[CT and pathologic studies on detecting hepatic involvement of malignant lymphoma] Okazaki A, et al. **Gan No Rinsho** 1985 May;31(5):494-500 (Eng. Abstr.) **(Jpn)**

[Clinician-oriented and cytology-oriented autopsy. Part II. Hepato-biliary system] Niwayama G. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1702-10 (Eng. Abstr.) **(Jpn)**

[Viral hepatitis--pathological aspects] Mori M, et al. **Hokkaido Igaku Zasshi** 1984 May;59(3):230-4 **(Jpn)**

[HB carrier and onset and course of chronic hepatitis] Sekiya C. **Hokkaido Igaku Zasshi** 1984 May;59(3):224-30 **(Jpn)**

[A case of non-A non-B post-transfusion hepatitis histologically followed up to liver cirrhosis] Tajima H, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):334-7 **(Jpn)**

[Clinicopathological studies of ultrasonography in space occupying lesions of the liver] Esaki M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2012-24 (Eng. Abstr.) **(Jpn)**

[Values of fine-needle aspiration biopsy of the liver under ultrasonic guidance in combination with cytology and histology in diagnosis of hepatic neoplasms] Kasugai H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2025-32 (Eng. Abstr.) **(Jpn)**

[T cell subsets in liver biopsy specimens of patients with chronic hepatitis] Morimoto H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2748-53 (Eng. Abstr.) **(Jpn)**

[A clinicopathological study on liver injury in patients with chronic alcoholic pancreatitis] Takeuchi K. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):2940-50 (Eng. Abstr.) **(Jpn)**

[Studies on experimentally induced acute hepatic failure: the significance of adherent cell activation in the liver] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug; 81(8):1868 **(Jpn)**

[Effect of long-term administration of Angravid on the morphological and ultrastructural picture of rat livers] Chibowski D, et al. **Patol Pol** 1984 Apr-Jun;35(2):167-78 (Eng. Abstr.) **(Pol)**

[Morphology of the liver in ulcerative colitis] Szczudrawa J, et al. **Patol Pol** 1984 Jan-Mar;35(1):29-36 (Eng. Abstr.) **(Pol)**

[Preliminary evaluation of diagnostic fine-needle aspiration biopsy of the liver and pancreas conducted under the control of computerized tomography] Sajdak E, et al. **Pol Tyg Lek** 1984 Apr 16;39(16):533-6 **(Pol)**

[Distribution of types I and III collagens in hepatic cirrhosis by the picrosirius polarization method] Toppa NH, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):116-8 (Eng. Abstr.) **(Por)**

[Hepatopathy in renal transplant recipients] Galizzi Filho J, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 May-Jun;39(3):113-7 (Eng. Abstr.) **(Por)**

[Granulomatous hepatitis] Serov VV, et al. **Arkh Patol** 1985;47(2):23-9 (Eng. Abstr.) **(Rus)**

[Evolution of hyperplastic foci in the rat liver induced by diethylnitrosamine] Gel'shtein VI, et al. **Eksp Onkol** 1984;6(1):17-22 (Eng. Abstr.) **(Rus)**

[Clinico-morphologic and scintigraphic characteristics of bone marrow, liver and spleen in patients with a leukopenic syndrome] Osechenskaia GV, et al. **Gematol Transfuziol** 1984 Oct;29(10):17-21 (Eng. Abstr.) **(Rus)**

[Primary-multiple combined echinococcosis in a child] Gireev GI, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):140-1 **(Rus)**

[Pancreatic and hepatic punctures under computed tomographic control] Kuzin MI, et al. **Klin Khir** 1984 Nov;(11):16-8 (Eng. Abstr.) **(Rus)**

[Morphological changes in the pancreas, liver and lungs in acute postoperative pancreatitis] Lupal'tsov VI, et al. **Klin Khir** 1984 Nov;(11):39-40 (Eng. Abstr.) **(Rus)**

[Perivenule and pericellular fibrosis--variant of alcoholic cirrhosis of the liver] Mansurov KhKh, et al. **Klin Med (Mosk)** 1985 Mar;63(3):40-4 (Eng. Abstr.) **(Rus)**

[Phospholipase activity, lipid peroxides and antioxidants of the bile in parasitic liver diseases] Orlov MD, et al. **Lab Delo** 1985;(1):18-20 (Eng. Abstr.) **(Rus)**

[Assessment of the degree of activity of chronic hepatitis in children by morphometry of liver biopsies] Maliugin GV, et al. **Pediatriia** 1985 Jun;(6):29-31 (Eng. Abstr.) **(Rus)**

[Post-traumatic necrosis of the right half of the liver] Al'perovich BI, et al. **Vestn Khir** 1985 Feb;134(2):76-7 **(Rus)**

[Features of liver lesions in experimental alcoholism in young animals] Sidorov PI, et al. **Zh Nevropatol Psikhiatr** 1985;85(2):255-8 (Eng. Abstr.) **(Rus)**

[Morphologic changes in the liver of rats exposed to thermal damage] Bojanić N, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):336-40 (Eng. Abstr.) **(Ser)**

[A partial ileal bypass in an experiment] Ziman P, et al. **Bratisl Lek Listy** 1984 Aug;82(2):955-62 (Eng. Abstr.) **(Slo)**

[Pathologico-anatomic findings in the kidneys and liver in rheumatoid arthritis] Kopecký S, et al. **Vnitr Lek** 1985 May;31(5):497-501 (Eng. Abstr.) **(Slo)**

[Hodgkin's disease and the liver. Study of 50 biopsies] Palmitano JB, et al. **Acta Gastroenterol Latinoam** 1984;14(2):127-34 (Eng. Abstr.) **(Spa)**

[Transjugular hepatic biopsy. Technic and indications in hepatobiliary diseases] Pinchuk L, et al. **Acta Gastroenterol Latinoam** 1984;14(4):273-7 (Eng. Abstr.) **(Spa)**

[Anatomopathological study of the liver in horses with fascioliasis] Luengo J, et al. **Bol Chil Parasitol** 1984 Jul-Dec;39(3-4):43-6 (Eng. Abstr.) **(Spa)**

[Granulomatous hepatitis. Clinicopathological spectrum in 107 cases with liver biopsy] Granés PJ, et al. **GEN** 1983 Jul-Sep;37(3):199-232 (Eng. Abstr.) **(Spa)**

[Usefulness of hepatic biopsy in fever of unknown origin] Moreno A, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):228-30 **(Spa)**

[Clinico-morphologic study of hepatic dysfunction associated with parenteral nutrition in adults: apropos of 15 cases] Pallarés R, et al. **Med Clin (Barc)** 1984 Dec 15;83(20):837-41 (Eng. Abstr.) **(Spa)**

[Extrathoracic anthracosis (letter)] Sampedro Nuño A, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):168-9 **(Spa)**

[Chronic cholestasis of infants (correlation between hepatic histology and the final diagnosis)] Danus O, et al. **Rev Chil Pediatr** 1984 Nov-Dec;55(6):398-401 (Eng. Abstr.) **(Spa)**

[Complications and results of 1000 consecutive hepatic needle biopsies] Díaz de Otazu R, et al. **Rev Clin Esp** 1985 Mar;176(5):229-33 (Eng. Abstr.) **(Spa)**

[Contribution of laparoscopy and hepatic biopsy to the diagnosis of the fever-of-unknown-origin syndrome] Trujillo L, et al. **Rev Clin Esp** 1984 Sep 15;174(5):179-82 (Eng. Abstr.) **(Spa)**

[Changes at the liver cell level in rats subjected to protein-calorie malnutrition] Marcos A, et al. **Rev Esp Fisiol** 1984 Jun;40(2):165-9 (Eng. Abstr.) **(Spa)**

[Histological changes in viral hepatitis] Aguirre-García J, et al. **Rev Gastroenterol Mex** 1982 Jul-Sep;47(3):139-48 **(Spa)**

PHYSIOLOGY

Increased carbon tetrachloride-stimulated chemiluminescence in the in situ liver of barbital-treated mice. Fraga CG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):143-50

Breakdown of proteins from mouse liver subcellular fractions. Effect of nutritional changes. Pucciarelli MG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):185-91

Evaluation of liver function after thioacetamide treatment of partially hepatectomized rabbits. Shakoori AR, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(3):301-12

Importance of the liver during glucagon-mediated increases in canine renal hemodynamics. Premen AJ. **Am J Physiol** 1985 Aug;249(2 Pt 2):F319-22

Effects of long-term primidone and phenytoin administration on canine hepatic function and morphology. Bunch SE, et al. **Am J Vet Res** 1985 Jan;46(1):105-15

Hepatojugular reflux: useful in the bedside diagnosis of tricuspid regurgitation. Maisel AS, et al. **Ann Intern Med** 1984 Dec;101(6):781-2

Cell culture on polymers prepared by radiation-induced grafting of various monomers. Yoshii F, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):505-13

Uptake of carbon and polystyrene particles by the sinusoidal endothelium of rabbit bone marrow and liver and rat bone marrow, with special reference to multiparticle-pinocytosis. Yoshida K, et al. **Arch Histol Jpn** 1984 Aug;47(3):303-17

Insulin mediates the asynchronous accumulation of hepatic albumin and malic enzyme messenger RNAs. Drake RL, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):317-24

GalNAc/Gal-specific rat liver lectins: their role in cellular recognition. Kolb-Bachofen V, et al. **Biol Cell** 1984;51(2):219-26

Postmortem changes in liver weight of Japanese quail. Franson JC. **Bull Environ Contam Toxicol** 1984 Sep;33(3):313-6

Effects of porta systemic shunt on the liver. Animal experiment. Zhang WH, et al. **Chin Med J [Engl]** 1985 Mar;98(3):211-8

Adaptation of fatty acid composition to temperature--a study on carp (Cyprinus carpio L.) liver slices. Farkas T. **Comp Biochem Physiol [B]** 1984;79(4):531-5

Role of the liver in the immunobiology of IgA in animals and humans. Vaerman JP, et al. **Contrib Nephrol** 1984;40:17-31 (105 ref.)

Some functional parameters in the isolated calf liver after hypothermic preservation. Vladovic-Relja T. **Cryobiology** 1984 Oct;21(5):511-20

Gluconeogenesis predominates in periportal regions of the liver lobule. Matsumura T, et al. **Eur J Biochem** 1984 Nov 2;144(3):409-15

Modes of endocytosis of latex particles in sinusoidal endothelial and Kupffer cells of normal and perfused rat liver. Dan C, et al. **Exp Cell Res** 1985 May;158(1):75-85

Morphology and function of liver after intravenous and intraportal injections of the immunomodulating agent Propionibacterium granulosum. Gil J, et al. **Exp Pathol** 1984;26(2):85-92

Abstracts of papers submitted to the American Association for the Study of Liver Disease. Annual meeting. May 11-17, 1985, New York. **Gastroenterology** 1985 May;88(5 Pt 2):1645-709

Recovery of liver function in partially hepatectomized rats evaluated by aminopyrine demethylation capacity. Sendama I, et al. **Hepatology** 1985 Jul-Aug;5(4):629-33

Selective hepatic vagotomy eliminates the hypophagic effect of different metabolites. Langhans W, et al. **J Auton Nerv Syst** 1985 Jul;13(3):255-62

Scavenger function of sinusoidal liver cells. Acetylated low-density lipoprotein is endocytosed via a route distinct from formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53-6

An isolated rat liver model for the evaluation of thermal techniques to quantify perfusion. Valvano JW, et al. **J Biomech Eng** 1984 Aug;106(3):187-91

Transmembrane potential and intracellular potassium ion activity in fetal and maternal liver. Chapman LM, et al. **J Cell Physiol** 1984 Oct;121(1):7-12

Role of hepatic autoregulation in defense against hypoglycemia in humans. Bolli G, et al. **J Clin Invest** 1985 May;75(5):1623-31

Changes in the reticuloendothelial phagocytic function after partial hepatectomy. Arii S, et al. **J Lab Clin Med** 1985 Jun;105(6):668-72

Role of the liver in host defense to pneumococcus following splenectomy. Grover GJ, et al. **J Surg Res** 1984 Dec;37(6):448-52

Consistency of human liver. Yamanaka N, et al. **J Surg Res** 1985 Sep;39(3):192-8

Transformation-associated increase of adhesion, cellular fibronectin, and stress fiber development in a liver epithelial cell line. Junker JL, et al. **JNCI** 1985 Jan;74(1):173-83

Adhesion of tumor cells to hepatocytes: different mechanisms for mammary carcinoma compared with lymphosarcoma cells. Roos E, et al. **JNCI** 1984 Oct;73(4):963-9

Insulin and cortisol improve heat tolerance in isolated perfused rat liver. Bowers W Jr, et al. **Lab Invest** 1984 Dec;51(6):675-81

The blood-lymph barrier in the liver. A review based on morphological and functional concepts of normal and cirrhotic liver. Henriksen JH, et al. **Liver** 1984 Aug;*4(4):221-32 (60 ref.)*

Age dependent phagocytosis of red cell membranes by the reticulohistiocytary system of the isolated perfused rat liver. Vömel T. **Mech Ageing Dev** 1985 Jan;29(1):9-17

Developmental and nutritional regulation of the messenger RNAs for fatty acid synthase, malic enzyme and albumin in the livers of embryonic and newly-hatched chicks. Morris SM Jr, et al. **Mol Cell Biochem** 1984 Sep;64(1):63-8

An assessment of the in vivo rat hepatocyte DNA-repair assay. Ashby J, et al. **Mutat Res** 1985 Apr-May;156(1-2):1-18

Regulation of hepatocyte proliferation. The feed-back system of hepatopoietin. Ruhenstroth-Bauer G, et al. **Naturwissenschaften** 1984 Aug;71(8):404-7

Apolipoprotein E mRNA is abundant in the brain and adrenals, as well as in the liver, and is present in other peripheral tissues of rats and marmosets. Elshourbagy NA, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):203-7

Reduction of gap junctional conductance by microinjection of antibodies against the 27-kDa liver gap junction polypeptide. Hertzberg EL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2412-6

Brain- and liver cell-derived factors are required for growth of human endothelial cells in serum-free culture. Hoshi H, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6413-7

Injection of partially purified estrogen receptor protein from Xenopus liver nuclei into oocytes activates the silent vitellogenin locus. Knowland J, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5777-81

Bone marrow engraftment efficiency is enhanced by competitive inhibition of the hepatic asialoglycoprotein receptor. Samlowski WE, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2508-12

Effects of total parenteral nutrition enriched with branched chain amino acid infusion on liver function and serum amino acid pattern in dogs undergoing hepatectomy. De Caterina M, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):79-88

Phagocytosis of erythrocyte membranes (white ghosts) from different species by the isolated perfused rat liver. Vömel T, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):273-82

Kupffer and endothelial liver cell damage renders A/J mice susceptible to mouse hepatitis virus type 3. Pereira CA, et al. **Virus Res** 1984 Oct;1(7):557-63

[Effect of epidural block on hepatic blood flow and hepatic function in the dog] Wu XM. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):618-20 (Eng. Abstr.) **(Chi)**

[Progress on the way to an 'artificial liver'] Brunner G. **Leber Magen Darm** 1984 Nov;14(6):276-81 (Eng. Abstr.) **(Ger)**

[Study on the liver function test of the aged] Shibata H. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):446-52 (Eng. Abstr.) **(Jpn)**

[Small intestine-derived hepatic regenerating factor] Okabe K. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):338 **(Jpn)**

[Role of intensity and coupling of oxidation-reduction processes in maintaining electrolytic homeostasis] Panasiuk EN, et al. **Fiziol Zh** 1985 May-Jun;31(3):296-301 (Eng. Abstr.) **(Rus)**

[Seasonal characteristics of normal liver excretory function and in xenobiotic-induced lesions] Skakun NP, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):85-7 **(Rus)**

[Ultraslow processes of the brain and liver in studying normal intersystem interactions and in terminal states] Iliukhina VA, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):921-37 (Eng. Abstr.) **(Rus)**

[Hematopoietic function of the liver in human ontogeny] Gerasimova LP. **Gematol Transfuziol** 1984 Nov;29(11):46-50 (30 ref.) **(Rus)**

[Induction of arginase activity in the splenocytes of C3HA mice undergoing partial hepatectomy] Chernysheva MD, et al. **Tsitologiia** 1985 Feb;27(2):209-12 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Acute portal vein stenosis. An experimental study on portal circulation and hepatosplenic function. Rozga J, et al. **Acta Chir Scand** 1985;151(2):125-31

Glucose regulation in non-insulin-dependent diabetes mellitus. Interaction between pancreatic islets and the liver. Halter JB, et al. **Am J Med** 1985 Aug 23;79(2B):6-12 (29 ref.)

Compensatory mechanisms in response to an elevated hepatic oxygen consumption in chronically ethanol-fed rats. Bredfeldt JE, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G507-11

Characterization of calcium deprivation-induced cholestasis in the perfused rat liver. Reichen J, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G48-57

Propionate loading test for liver function during experimental liver necrosis in sheep. Gröhn Y, et al. **Am J Vet Res** 1985 Apr;46(4):952-8

The relationship between hepatic and cardiac function during hemorrhagic shocks in dogs. Malliwah JA. **Am Surg** 1985 Sep;51(9):537-44

Liver function in patients with mild alcoholic hepatitis, after enflurane, nitrous oxide-narcotic, and spinal anesthesia. Zinn SE, et al. **Anesth Analg** 1985 May;64(5):487-90

Liver dysfunction in haemophilia A, B and other hereditary haemorrhagic disorders. Ng HW.

Ann Acad Med Singapore 1984 Jul;13(3):524-6

Small bowel and liver tissue pO2 and pCO2 during hypovolaemic shock and intravenous vasopressin infusion. Korsbäck C, et al. **Ann Chir Gynaecol** 1984;73(4):236-40

The function and morphology of the liver in porphyria cutanea tarda. Ostrowski J, et al. **Ann Clin Res** 1984; 16(4):195-200

Changes in some liver functions in experimentally lead-poisoned goats. Gouda IM, et al. **Arch Exp Veterinarmed** 1985 Mar;39(2):257-67

Role of activated carbon hemoperfusion in the recovery of livers exposed to ischemic damage. Toledo-Pereyra LH. **Arch Surg** 1985 Apr;120(4):462-5

Measuring bile-salt concentrations lacks clinical value for detecting hepatic dysfunction in infants receiving parenteral nutrition. Beckett GJ, et al. **Clin Chem** 1985 Jul; 31(7):1168-71

Magnesium deficiency in the Japanese quail. Didier R, et al. **Comp Biochem Physiol [A]** 1984;79(2):223-7

The assessment of the functional consequences of malnutrition. Russell DM, et al. **Curr Concepts Nutr** 1984; 13:113-35 (81 ref.)

Autoantibodies and immunoglobulins in patients with alcoholic cirrhosis. Relation to measurements of hepatic function and hemodynamics. Gluud C, et al. **Digestion** 1984; 30(1):1-6

Liver function during chronic renal failure in rabbits. Tvedegaard E, et al. **Experientia** 1984 Nov 15; 40(11):1255-6

Comparison of the phenacetin and aminopyrine breath tests: effect of liver disease, inducers and cobaltous chloride. Schoeller DA, et al. **Hepatology** 1985 Mar-Apr;5(2):276-81

Salt and water balance [letter] Witte CL, et al. **Hosp Pract [Off]** 1984 Oct;19(10):23, 26

Killed Escherichia coli stimulates macrophage-mediated alterations in hepatocellular function during in vitro coculture: a mechanism of altered liver function in sepsis. West MA, et al. **Infect Immun** 1985 Sep;49(3):563-70

Urinary bile acids: a noninvasive measure of liver function and bile acid metabolism? Suchy FJ. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):649-51

Primary adrenal carcinoma as a cause of non metastatic hepatosplenomegaly and liver dysfunction syndrome. Conroy B. **J R Nav Med Serv** 1984 Winter;70(3):163-5

Induction of liver apolipoprotein A-IV mRNA in porphyric mice. Buchberg AM, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1953-63

Reactive hepatopathy. Liver signs without primary liver disease. Fenster LF. **Postgrad Med** 1984 Nov 15;76(7):62-5, 68

Plasma lipoproteins, liver function and glucose metabolism in haemodialysis patients: lack of effect of L-carnitine supplementation. Nilsson-Ehle P, et al. **Scand J Clin Lab Invest** 1985 Apr;45(2):179-84

Plasma disappearance of 14C-glycocholic acid as a test of liver dysfunction. Relation to liver histology. Einarsson K, et al. **Scand J Gastroenterol** 1985 Mar;20(2):175-8

The influence of jejunoileal ratio on plasma electrolytes and liver function in intestinal bypass for morbid obesity. A randomized trial. Håkansson T, et al. **Scand J Gastroenterol** 1985 Mar;20(2):179-82

Extramedullary haemopoiesis after bone marrow transplantation. Arnold R, et al. **Scand J Haematol** 1985 Jan;34(1):9-12

Portal blood pressure after intrahepatic megaislet allotransplantation in rats. Jones G, et al. **Transplantation** 1985 Jan;39(1):79-80

The liver in systemic disease. An innocent bystander. Dillon R. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):97-117

[Effects of porta-systemic shunts on the liver] Zhang TL, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):1-5, 61 (Eng. Abstr.) **(Chi)**

[Pathogenesis of liver encephalopathy] Brodanová M. **Cas Lek Cesk** 1985 Jul 5;124(27):841-6 (Eng. Abstr.) **(Cze)**

[Hepatic surveillance during mucoviscidosis] Feigelson J, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):218-22 (Eng. Abstr.) **(Fre)**

[Changes in circulating lymphocyte subsets in alcoholic hepatopathies. Respective role of alcohol, hepatocellular insufficiency and malnutrition] Couzigou P, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):915-9 (Eng. Abstr.) **(Fre)**

[Hepatic insufficiency and nutritional problems after major hepatobiliary surgery] Launois B, et al. **J Chir (Paris)** 1984 Oct;121(10):573-85 (Eng. Abstr.) **(Fre)**

[Pathogenesis of hepatic encephalopathy—studies in the rabbit model of acute liver failure] Jones EA, et al. **Leber Magen Darm** 1984 Nov;14(6):282-7 (Eng. Abstr.) **(Ger)**

[The effect of anesthetics and site of surgical intervention on hepatic function] Caldi M. **Minerva Anestesiol** 1984 Jun; 50(6):337-45 **(Ita)**

[Epidemiological studies on hepatitis A and B virus infections and hepatic dysfunction in young female methamphetamine-abusers] Ito H. **Arukoru Kenkyuto Yakubutsu Izon** 1984 Dec;19(4):324-40 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on regeneration of the cirrhotic liver after major hepatectomy: comparison with the volume and function of the normal liver during recovery] Kawai Y. **Nippon Geka Gakkai Zasshi** 1984 Oct; *85(10):1317-31 (Eng. Abstr.)* **(Jpn)**

[Indication of transcatheter arterial embolization in hepatocellular carcinoma with liver cirrhosis evaluated from the liver function tests] Nakao N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1995-9 (Eng. Abstr.) **(Jpn)**

[Measurement of electric liver resistivity in chronic liver disease] Shimizu J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2005-11 (Eng. Abstr.) **(Jpn)**

[Studies on short-course chemotherapy of tuberculosis. II. Liver function during 6-month chemotherapy of tuberculosis with hydrazide, rifampicin and pyrazinamide] Nikodemowicz E, et al. **Pneumonol Pol** 1984 Oct; 52(10):503-12 (Eng. Abstr.) **(Pol)**

[Liver function in patients with nonspecific ulcerative colitis] Arzamkhodzhaev SM, et al. **Khirurgiia (Mosk)** 1984 Dec; (12):74-8 (Eng. Abstr.) **(Rus)**

[Significance of determining serum enzyme activity in diagnosing myocardial infarct and in evaluating the functional state of the liver] Makarevich OP, et al. **Lab Delo** 1984;(10):593-7 (Eng. Abstr.) **(Rus)**

[Hemodynamics and liver function in acute heart failure] Ponomareva LI. **Patol Fiziol Eksp Ter** 1985 May-Jun; (3):79-82 (74 ref.) **(Rus)**

[Liver and kidney functions in patients with pulmonary tuberculosis] Starova NM. **Probl Tuberk** 1985;(1):53-7 (Eng. Abstr.) **(Rus)**

[Functional state of the liver in patients with seroresistant syphilis] Vinokurov IN, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):73-7 (Eng. Abstr.) **(Rus)**

[Status of the liver in acute suppurative destruction of the lungs] Ostrovskii VK. **Vestn Khir** 1985 Jan;134(1):76-8 **(Rus)**

[Various aspects of preoperative diagnosis and treatment of patients with mechanical jaundice and hepatic insufficiency] Sitnikov VA. **Vestn Khir** 1985 May; 134(5):48-51 (Eng. Abstr.) **(Rus)**

[Relationship between ulcerative lesions of the duodenum and liver function] Kushnir VE, et al. **Vrach Delo** 1985 Mar;(3):79-80 **(Rus)**

[Radioisotope test of liver function in patients with gastroduodenitis and peptic ulcer] Peleshchuk AP, et al. **Vrach Delo** 1985 Apr;(4):78-81 (Eng. Abstr.) **(Rus)**

[Liver function in patients with alcoholic delirium] Skakun NP, et al. **Vrach Delo** 1985 Jan;(1):30-2 **(Rus)**

[Hepatic amebiasis in the child and its functional repercussions] Yañez-Soto JH, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):127-30 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

Adjuvant intrahepatic chemotherapy with mitomycin and 5-FU combined with hepatic irradiation in high-risk patients with carcinoma of the colon: a Southwest Oncology Group phase II pilot study. McCracken JD, et al. **Cancer Treat Rep** 1985 Jan;69(1):129-31

Photo-induced protein cross-linking to 5S RNA and 28-5.8S RNA within rat-liver 60S ribosomal subunits. Paleologue A, et al. **Eur J Biochem** 1985 Jun 18;149(3):525-9

Whole-body X-irradiation of mice accelerates polyploidization of hepatocytes. Shima A, et al. **Int J Radiat Biol** 1985 Mar;47(3):261-5

Suppression of hepatic hematopoiesis with radioactive gold (198Au). Turner AR, et al. **J Nucl Med** 1985 Apr; 26(4):366-7

On the effects and mechanism(s) of action of 2-mercaptopropionylglycine (MPG) as a radioprotector on murine liver measured by changes in ribonucleic acid and protein contents: findings and hypothesis. Kumar Gupta N, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):257-62

Hepatic injury after whole-liver irradiation in the rat. Geraci JP, et al. **Radiat Res** 1985 Mar;101(3):508-18

[Differences in the effects of laser radiation on the myocardium and liver induced by a combination of histochemical succinate dehydrogenase demonstration and acridine orange fluorochromy (MS-AO-technic)] Sajkiewicz K, et al. **Acta Histochem (Jena)** 1985; 76(2):157-62 (Eng. Abstr.) **(Ger)**

[Action of ultraviolet radiation on the sorption properties of liver, kidney and heart tissues] Aliverdiev AA. **Biol Nauki** 1984;(8):51-4 (Eng. Abstr.) **(Rus)**

[Effect of x-ray irradiation on the activity of key enzymes in heme biosynthesis and breakdown in the rat liver] Deev LI, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):681-3 (Eng. Abstr.) **(Rus)**

[Mechanisms of the disorder of the hormonal regulation of plasma membrane adenylate cyclase in the rat liver during early ontogeny under in vitro irradiation] Ushakova TE, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):677-9 (Eng. Abstr.) **(Rus)**

[Effect of ionizing radiation on the lipid fatty acid composition of the plasma membranes of liver cells] Balakhchi TA, et al. **Radiobiologiia** 1985 May-Jun; 25(3):397-9 (Eng. Abstr.) **(Rus)**

[Radiation changes in the lipid levels in liver and thymus chromatin of gamma-irradiated rats] Kaznacheev IuS, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):174-8 (Eng. Abstr.) **(Rus)**

[Effect of radiation on the formation of hydrocortisone metabolites in the perfused rat liver] Litskevich LA, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):200-3 (Eng. Abstr.) **(Rus)**

[Antioxidative activity of plasma membrane lipids of liver cells and its change after irradiation] Ryskulova ST, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):87-8 (Eng. Abstr.) **(Rus)**

[The effect of irradiation on the lipid composition of plasma membranes of liver cells] Ryskulova ST, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):650-1 (Eng. Abstr.) **(Rus)**

[Repaired and unrepaired DNA damage induced by x-irradiation of nonproliferating rat hepatocytes] Smirnova IS, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):620-3 (Eng. Abstr.) **(Rus)**

[Effect of ionizing radiation on the properties of rat liver phosphoprotein phosphatase] Vinogradova RP, et al. **Radiobiologiia** 1985 May-Jun;25(3):399-402 (Eng. Abstr.) **(Rus)**

[Activity of guanosine diphosphatase and guanosine triphosphatase in the rat brain and liver under radiation injury] Savitskiĭ. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):73-6 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Experimental evaluation of iosefamate meglumine and its derivatives as hepatobiliary CT contrast agents. Seltzer SE, et al. **AJR** 1985 Jul;145(1):67-72

Value of hepatic computerized tomographic scanning during amiodarone therapy. Markos J, et al. **Am J Cardiol** 1985 Jul 1;56(1):89-92

Improved detection of focal lesions with computerized tomographic examination of the liver using ethiodized oil emulsion (EOE-13) liver contrast. Sugarbaker PH, et al. **Cancer** 1984 Oct 15;54(8):1489-95

Experimental data on the problem of specific hepatosplenography with radiodense lipomicrons. Schumacher KA, et al. **Eur J Radiol** 1985 Aug;5(3):167-74

Xenon/CT blood flow mapping of the kidney and liver. Gur D, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1124-7

Esters of iopanoic acid as liver-specific CT contrast agents: biodistribution and CT evaluation. Longino MA, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1099-104

Diagnostic imaging of the hepatobiliary system in infants and children. Riddlesberger MM Jr. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):653-64 (55 ref.)

CT densities in delayed iodine hepatic scanning. Perkerson RB Jr, et al. **Radiology** 1985 May;155(2):445-6

[Focal liver disease in the CT image] Sehr A, et al. **Rozhl Chir** 1985 Jun;64(6):443-50 (Eng. Abstr.) **(Cze)**

[ROC (receiver operating characteristic) study for the recognition of liver lesions on the computer tomogram] Rockstroh G, et al. **Digitale Bilddiagn** 1985 Jun;5(2):70-3 (Eng. Abstr.) **(Ger)**

[Thorotrast deposits in the RES of the liver and spleen--a rare but characteristic roentgen diagnosis] Kegel W. **Rontgenblatter** 1984 Aug;37(8):285-7 (Eng. Abstr.) **(Ger)**

[A new intravenous liposoluble contrast material for computed tomography of the liver. Experimental study of iodized emulsion in rabbits] Hori S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):988-91 (Eng. Abstr.) **(Jpn)**

[Lipiodol emulsion (Lip. (E)20) as a new contrast agent for selective visualization of the liver and spleen. Basic analysis and experimental studies in dogs by X-ray CT and ultrasound] Yoshida Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):735-7 (Eng. Abstr.) **(Jpn)**

[A case of Wilson's disease with a high density lesion in hepatic computerized tomography scan and abnormal secretion of pituitary hormones] Kikuchi A, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1512-8 **(Jpn)**

[Computed tomography of the regenerative nodules accompanied by liver cirrhosis] Yamamoto S, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1013-5 (Eng. Abstr.) **(Jpn)**

[Choice of method in percutaneous transhepatic portography] Tatochenko KV, et al. **Vestn Khir** 1984 Oct;133(10):33-8 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

No liver 99Tc-tin-colloid uptake in primary sclerosing cholangitis. Andersen SP, et al. **Acta Med Scand** 1984; 216(1):133-5

Hepatobiliary scintigraphy for cholestasis in congenital hepatic fibrosis. Diagnosis and treatment. Stillman AE, et al. **Am J Dis Child** 1985 Jan;139(1):41-5

Mechanism for the abnormal liver scan in acute alcoholic liver injury. Hoefs JC, et al. **Am J Gastroenterol** 1984 Dec; 79(12):950-8

Specific preoperative diagnosis of choledochal cysts by combined sonography and hepatobiliary scintigraphy. Papanicolaou N, et al. **Ann Radiol (Paris)** 1985; 28(3-4):276-82 **(Eng, Fre)**

The widened renal fossa sign on liver-spleen scintigraphy and adrenal disease. Moreno AJ, et al. **Arch Intern Med** 1984 Dec;144(12):2355-6

The sensitivity of hepatobiliary imaging and real-time ultrasonography in the detection of acute cholecystitis. Fink-Bennett D, et al. **Arch Surg** 1985 Aug;120(8):904-6

Hepatobiliary scintigraphy. Kelly MJ. **Aust Fam Physician**

1984 Jun;13(6):420

The acute toxicity of Bimida, a prospective hepatobiliary scanning agent. Keayes GC, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):651-60

Technetium-99m-diethyl-IDA sequential hepatobiliary scintigraphy in the pre-operative evaluation of omphalopagus conjoined twins. Paramsothy M, et al. **Australas Radiol** 1984 Nov;28(4):358-61

The diagnosis of alcoholic liver disease [letter] Cox PH. **Br J Radiol** 1984 Oct;57(682):938

Combined delayed technetium-99m HIDA and technetium-99m tin colloid diagnosing liver deformity due to hepatic flexure. Abdel-Dayem HM, et al. **Clin Nucl Med** 1985 May;10(5):344-5

Displacement of right lobe of the liver caused by retrohepatic herniation of the large bowel. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Dec;9(12):727-8

SPECT hepatic scintigraphy 'hot spot' localization. Bunker SR, et al. **Clin Nucl Med** 1984 Oct;9(10):579-81

False-positive liver scintigraphy secondary to posterior sulcus pulmonary neoplasm. Carollo BR, et al. **Clin Nucl Med** 1985 May;10(5):385-8

Asynchronous washout of the liver as a sign of partial biliary obstruction. Côté C, et al. **Clin Nucl Med** 1985 Jan;10(1):44-5

Post cholecystectomy syndrome due to a cystic duct remnant diagnosed by hepatobiliary scintigraphy. D'Alonzo W, et al. **Clin Nucl Med** 1984 Dec;9(12):719-20

Sequential computerized hepatobiliary imaging during percutaneous transhepatic biliary drainage. Falchero F, et al. **Clin Nucl Med** 1985 Apr;10(4):280-3

Cholelithiasis demonstrated on hepatobiliary scintigraphy as a photopenic defect within the inferior portion of the liver. Moreno AJ, et al. **Clin Nucl Med** 1984 Nov;9(11):655-6

Abdominal and pelvic imaging as part of liver-spleen scintigraphy for the detection of mesenteric bleeding in trauma. A case report. Nagle CE, et al. **Clin Nucl Med** 1984 Dec;9(12):684-6

The 'liver scan' appearance in cholescintigraphy. A sign of complete common bile duct obstruction. Noel AW, et al. **Clin Nucl Med** 1985 Apr;10(4):264-9

False-positive liver scan due to ascites [letter] Oster ZH. **Clin Nucl Med** 1985 May;10(5):389

Scintigraphic dissociation of reticuloendothelial and hepatocyte function in chronic vitamin A hepatotoxicity. Park HM, et al. **Clin Nucl Med** 1985 May;10(5):364-6

Apparent filling defects of the liver. Perlman SB, et al. **Clin Nucl Med** 1984 Dec;9(12):723-4

Radionuclide imaging of the liver in human fascioliasis. Rivera JV, et al. **Clin Nucl Med** 1984 Aug;9(8):450-3

Visualization of the liver, gallbladder, and intestine on bone scintigraphy. Sherkow L, et al. **Clin Nucl Med** 1984 Aug;9(8):440-3

Prominent gaseous distension of bowel causing false-positive technetium-99m sulfur colloid liver scintigram. Shih WJ, et al. **Clin Nucl Med** 1985 Apr;10(4):284-6

Liver scan in traumatic right hemidiaphragmatic hernia. Suzuki Y. **Clin Nucl Med** 1985 Jan;10(1):21-4

Quantitative analysis of liver function in percutaneous transhepatic biliary drainage patients. Velchik MG, et al. **Clin Nucl Med** 1985 Feb;10(2):80-5

Complementary role of chest roentgenogram in interpretation of Tc-99m sulfur colloid liver scan. Vesely JJ, et al. **Clin Nucl Med** 1984 Aug;9(8):460-2

Renal and hepatic scintigraphy in paroxysmal nocturnal hemoglobinuria (PNH). Wilansky DL, et al. **Clin Nucl Med** 1985 May;10(5):369-71

Diaphragmatic herniation of the liver in a newborn demonstrated by liver scan. Yeung SC, et al. **Clin Nucl Med** 1984 Dec;9(12):729

Scintiphotographic patterns of liver and spleen in a case of situs inversus evaluated by 99mTc-tin colloid. Al-Hissoni MH, et al. **Eur J Nucl Med** 1985;10(3-4):175-7

Clearance of 99mTc-diisopropyl-IDA in the 'steady state'. Karimeddini MK, et al. **Eur J Nucl Med** 1984;9(10):482-3

Involvement of heparan sulfate in 67Ga binding to rat-liver plasma membrane. Kojima S, et al. **Eur J Nucl Med** 1985;10(11-12):535-9

Liver visualization following 99mTc-MAA (99mTc-macroaggregated albumin) venogram indicating obstruction of the distal inferior vena cava. Oster ZH, et al. **Eur J Nucl Med** 1985;10(3-4):183-4

'Hot' and 'cold' lesions detected by gallium-67 scintigraphy in a pyogenic liver abscess. Shih WJ, et al. **Eur J Nucl Med** 1985;10(3-4):123-4

In vitro binding of 67Ga to isolated rat liver cells. Suzuki T, et al. **Eur J Nucl Med** 1985;10(1-2):29-32

Particle size and surface charge studies of a tin colloid radiopharmaceutical for liver scintigraphy. Whateley TL, et al. **Eur J Nucl Med** 1985;10(7-8):353-7

Dithiocarbamato complexes of technetium: relationship between structure and hepatobiliary excretion. Baldas J, et al. **Int J Nucl Med Biol** 1984;11(2):159-62

Technetium-99m benzimidazolyl iminodiacetic acid hepatobiliary radiopharmaceuticals: structure biodistribution studies. Hunt FC, et al. **Int J Nucl Med Biol** 1984;11(3-4):219-23

Scintigraphic visualisation of extrahepatic portal circulation in patients with portal hypertension using 99mTc-tin-colloid and 99mTc-HIDA. Al-Hussoni MH, et al. **Int J Nucl Med Biol** 1985;12(1):59-62

Abdominal halo in Tc-99M DISIDA hepatobiliary scintigraphy: a sign of massive ascites. Shih WJ, et al. **J Can Assoc Radiol** 1984 Dec;35(4):397-8

Disparate hepatic imaging with technetium-99m sulfur colloid and disofenin in Wilson's disease. Gainey MA, et al. **J Nucl Med** 1985 Apr;26(4):368-72

The importance of delayed imaging in the study of hepatoma with a new hepatobiliary agent. Hasegawa Y, et al. **J Nucl Med** 1984 Oct;25(10):1122-6

Delayed renal visualization during hepatobiliary scintigraphy [letter] Moreno AJ, et al. **J Nucl Med** 1985 May;26(5):551-2

Comparison of 99mTc-N-pyridoxyl-5-methyltryptophan and 99mTc-N-(3-bromo-2,4,6-trimethylacetanilide)-iminodiatate as hepatobiliary radiopharmaceuticals in rats. Fritzberg AR, et al. **J Pharm Sci** 1984 Dec;73(12):1861-3

Value of liver scintigraphy in pretreatment staging and in follow-up of patients with malignant melanoma. Jönsson PE, et al. **J Surg Oncol** 1985 May;29(1):22-5

Liver scintiscan in Budd Chiari syndrome. Durr-e-Sabih, et al. **JPMA** 1984 Dec;34(12):375-7

Constrained deconvolution of SPECT liver tomograms by direct digital image restoration. Webb S, et al. **Med Phys** 1985 Jan-Feb;12(1):53-8

Potential application of 4-iodoantipyrine 123I and a portable detector in the determination of hepatic drug-oxidizing enzyme activities. Champailler A, et al. **Nucl Med Commun** 1984 Sep;5(9):551-7

An analysis of the uptake of 99Tcm-sulphur colloid by liver and spleen. Rutland MD. **Nucl Med Commun** 1984 Sep;5(9):593-602

Overestimation of splenic size and underestimation of hepatic size by radiocolloid scintigraphy in advanced cirrhosis of the liver: an autopsy correlation. Shih WJ, et al. **Nucl Med Commun** 1985 May;6(5):269-73

Preparation and biokinetic studies of 99mTc-p-butyl-IDA for hepatobiliary scintigraphy. Agha NH, et al. **Nuklearmedizin** 1985 Apr;24(2):96-9

Studies of the chemical and biological properties of the liver-imaging agent 99mTc-phytate. Vanlić-Razumenić N, et al. **Nuklearmedizin** 1985 Apr;24(2):71-4

The spleen-to-liver ratios in hepatic diseases. Vorne M, et al. **Nuklearmedizin** 1984 Dec;23(6):301-4

Texture analysis in radionuclide tomographic liver imaging. McGeechan CS, et al. **Phys Med Biol** 1985 Jul;30(7):669-76

Imaging of hepatic low density lipoprotein receptors by radionuclide scintiscanning in vivo. Huettinger M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7599-603

Usefulness of liver scan using 99mTc-phytate in diagnosis of partial diaphragmatic eventration. Sone T, et al. **Radiat Med** 1984 Apr-Jun;2(2):108-10

Hepatobiliary scintigraphy in surgical patients. van Rensburg LC, et al. **S Afr Med J** 1984 Oct 6;66(14):517-20

[Study of space-occupying lesions in the liver using technetium-99m tin colloid and indium-113m chloride] Nelson MJ, et al. **S Afr Med J** 1985 Jan 26;67(4):121-4 (Eng. Abstr.) **(Afr)**

[Isotopic heart/liver index in hepatic cirrhosis. Preliminary results] Reding P, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):376-80 (Eng. Abstr.) **(Fre)**

[Biophysical substrates of the scintigraphic semeiology of the liver] Onu AZ. **Physiologie** 1985 Jan-Mar;22(1):75-8 **(Fre)**

[Measurement of mean retention times of 99mTc-labeled HSA-millimicrospheres in the liver--clinical results in patients with operated breast cancer] Szabó Z, et al. **Nuklearmedizin** 1984 Aug;23(4):171-6 (Eng. Abstr.) **(Ger)**

[Clinical efficacy of SPECT (single photon emission computed tomography) for the detection of SOL (space occupying lesions) in the liver--evaluation by ROC analysis] Aburano T, et al. **Kaku Igaku** 1984 Nov;21(11):141[illegible]-20 (Eng. Abstr.) **(Jpn)**

[Experiment with respiratory gated liver imaging with Fourier analysis in patients with liver cirrhosis] Seto M, et al. **Kaku Igaku** 1984 Jul;21(7):867-70 (Eng. Abstr.) **(Jpn)**

[Development of a reporting system with voice entry for radiological imaging and its application for liver scintigraphy] Shishido F, et al. **Kaku Igaku** 1984 Jun;21(6):679-86 (Eng. Abstr.) **(Jpn)**

[Clinical significance of the liver and bone scintigraphy as preoperative examination for patients with bronchogenic carcinoma] Kihara Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25;44(7):966-71 (Eng. Abstr.) **(Jpn)**

[Clinical usefulness of integrated images of the radionuclide liver angiogram to evaluate diffuse hepatic disease] Kobayashi S, et al. **Radioisotopes** 1985 Jan;34(1):11-4 (Eng. Abstr.) **(Jpn)**

[An evaluation of radioactive colloid for measuring the volume of effective liver] Tamai T, et al. **Radioisotopes** 1984 Nov;33(11):754-9 (Eng. Abstr.) **(Jpn)**

[Detection of hepatocellular carcinoma by liver scintigraphy] Yoshida H, et al. **Radioisotopes** 1985 Jan;34(1):34-6 **(Jpn)**

[Clinical efficacy of single-photon computed tomography for the detection of space-occupying lesions in the liver] Aburano T, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1065-70 (Eng. Abstr.) **(Jpn)**

[Integrated image of radionuclide liver angiogram] Kobayashi S, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1525-7 (Eng. Abstr.) **(Jpn)**

[Comparative study between planar images and SPECT on liver scintigraphy] Seto K, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1059-64 (Eng. Abstr.) **(Jpn)**

[Potentials of enzyme tests and radioisotope hepatography in detecting early functional changes in the liver] Vlakhov N, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):25-6 (Eng. Abstr.) **(Rus)**

[A method of gamma-topographic examination of the liver] Gundarev AI, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):49-50 **(Rus)**

[Analysis of 99mTc-HIDA kinetics using an adaptive model] Misochko IV, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):15-9 (Eng. Abstr.) **(Rus)**

[Radionuclide studies of the digestive organs during radiotherapy of cervix cancer] Modnikov OP. **Med Radiol (Mosk)** 1985 Mar;30(3):57-9 (Eng. Abstr.) **(Rus)**

[Experimental evaluation of Bengal rose labeled with 123I] Volkov AA, et al. **Med Radiol (Mosk)** 1985 May;30(5):66-70 (Eng. Abstr.) **(Rus)**

[Predominance of scintigraphic images of the liver in cancer of the breast] Lobo G, et al. **Rev Med Chil** 1984 Jun;112(6):570-6 (Eng. Abstr.) **(Spa)**

SECRETION

Heterogeneity of rabbit hepatocytes for bile secretion after acinar zone 3 damage induced by bromobenzene. Effect of bilirubin and bile salt infusions. González J, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):507-14

Lactogenic hormones stimulate the liver to secrete a factor that acts synergistically with prolactin to promote growth of the pigeon crop-sac mucosal epithelium in vivo. Nicoll CS, et al. **Endocrinology** 1985 Apr;116(4):1449-53

Secretion of high-mannose-type alpha 1-proteinase inhibitor and alpha 1-acid glycoprotein by primary cultures of rat hepatocytes in the presence of the mannosidase I inhibitor 1-deoxymannojirimycin. Gross V, et al. **Eur J Biochem** 1985 Jul 1;150(1):41-6

Flow kinetics of fibronectin secretion by livers of young preweanling rats. Evers DC, et al. **Eur J Cell Biol** 1984 Sep;35(1):81-9

Zone immunoelectrophoresis assay applied to alpha 1-acid glycoprotein secretion by isolated rat hepatocytes. Appel M, et al. **Experientia** 1984 Dec 15;40(12):1443-5

Bile secretion in regenerating liver--a comparison of hepatic resection and ligation of the portal vein branch in dogs. Ichikawa H, et al. **Gastroenterol Jpn** 1984 Aug;19(4):320-7

Biliary lipid output and bile acid kinetics in cholesterol gallstone disease. Evidence for an increased hepatic secretion of cholesterol in Swedish patients. Nilsell K, et al. **Gastroenterology** 1985 Aug;89(2):287-93

Effect of aging on the hepatobiliary transport of dimeric immunoglobulin A in the male Fischer rat. Schmucker DL, et al. **Gastroenterology** 1985 Feb;88(2):436-43

Bile secretion in hemoglobin-free perfused rat liver. Krell H, et al. **Hoppe Seylers Z Physiol Chem** 1984 Sep;365(9):1115-22

Biliary secretion of fluid-phase markers by the isolated perfused rat liver. Role of transcellular vesicular transport. Lake JR, et al. **J Clin Invest** 1985 Aug;76(2):676-84

Origin of plasma lysophosphatidylcholine: evidence for direct hepatic secretion in the rat. Sekas G, et al. **J Lab Clin Med** 1985 Feb;105(2):190-4

Inhibition of plasminogen activators by conditioned medium of human hepatocytes and hepatoma cell line Hep G2. Sprengers ED, et al. **J Lab Clin Med** 1985 Jun;105(6):751-8

Alpha-fetoprotein secretion by injured and regenerating hepatocytes in the dog. Madsen AC, et al. **J Surg Res** 1984 Nov;37(5):402-8

Hepatic bile flow. Strange RC. **Physiol Rev** 1984 Oct;64(4):1055-102 (188 ref.)

Effect of gastrointestinal hormones on choleresis from the isolated perfused rat liver. Yamatani K, et al. **Regul Pept** 1985 Mar;10(2-3):237-42

[Bile-forming function of the liver in the white rat] Panasiuk EN, et al. **Kosm Biol Aviakosm Med** 1984 Jul-Aug;18(4):58-62 (Eng. Abstr.) **(Rus)**

[Detection of hormonally dependent albumin secretion by primary cultures of rat hepatocytes using an homologous system of radioimmunological analysis] Pluzhnikova GN, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):58-63 (Eng. Abstr.) **(Rus)**

[Effect of heat-treated Naftusia mineral water on bile-producing liver function in rats (experimental study)] Iaremenko MS, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):24-6 (Eng. Abstr.) **(Rus)**

[Liver exocrine function in patients after gastrectomy for peptic ulcer] Loranskaia TI, et al. **Vopr Pitan** 1985 May-Jun;(3):13-6 (Eng. Abstr.) **(Rus)**

[Bile secretion in patients with diabetes mellitus] Splavskii OI. **Vrach Delo** 1985 Mar;(3):97-9 (Eng. Abstr.) **(Rus)**

SURGERY

Sonographic monitoring of hepatic cryosurgery in an experimental animal model. Onik G, et al. **AJR** 1985 May;144(5):1043-7

Portoenterostomy diversion. Experimental study in antireflux technique. Moran JM, et al. **Am J Surg** 1985 Feb;149(2):248-51

Successful treatment of Caroli's disease by hepatic resection.

Report of six patients. Nagasue N. **Ann Surg** 1984 Dec; 200(6):718-23

Segmental and subsegmental resections of the cirrhotic liver under hepatic inflow and outflow occlusion. Nagasue N, et al. **Br J Surg** 1985 Jul;72(7):565-8

Reaction of bone marrow after cryo- and thermolesions on internal organs. Helpap B, et al. **Cryobiology** 1985 Apr; 22(2):168-74

Hepatico-jejuno-duodenoplasty for biliary stricture. Mazzeo F, et al. **Int Surg** 1984 Oct-Dec;69(4):331-3

Clinical experience with sublobar liver resections. Belli L, et al. **Ital J Surg Sci** 1984;14(4):295-9

Stimulation of bile output by gastrointestinal hormones following portoenterostomy for biliary atresia. Isenberg JN, et al. **J Pediatr Surg** 1984 Aug;19(4):471-5

The advantages of hemodilution anesthesia for major liver resection in children. Schaller RT Jr, et al. **J Pediatr Surg** 1984 Dec;19(6):705-10

A study of patients with long-term bile flow after hepatic portoenterostomy for biliary atresia. Suruga K, et al. **J Pediatr Surg** 1985 Jun;20(3):252-5

A newly designed clamp facilitates hepatic resection. Kanematsu T, et al. **Jpn J Surg** 1984 Sep;14(5):432-3

Comparison of saphir infrared coagulation and YAG-laser in the surgery of parenchymatous organs: an experimental study. van der Werken C, et al. **Neth J Surg** 1984 Oct; 36(5):130-3

Contemporary surgery of biliary atresia. Lilly JR, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1233-46 (48 ref.)

The National Institutes of Health point of view [letter] Randolph JG. **Pediatrics** 1985 Apr;75(4):802-3

Colloid-induced changes in bleeding following liver resection in the rat. Zoucas E, et al. **Res Exp Med (Berl)** 1984;184(4):251-8

Hemihepatectomy and transfer of the portal inflow tract of the retained hemiliver in the dog. Boerma EJ, et al. **Surgery** 1985 May;97(5):591-5

Liver transection: a controlled study of four different techniques in pigs. Ottow RT, et al. **Surgery** 1985 May; 97(5):596-601

Surgical techniques for the liver and biliary tract. Blass CE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):257-75

[Role of the hepatic veins in liver surgery] Ou QJ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):178-81, 192 **(Chi)**

[Peroperative echography in hepatobiliary surgery] Bismuth H, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb; 168(1-2):98-104 (Eng. Abstr.) **(Fre)**

[Investigation of biliodigestive anastomosis with the help of radiopharmaceutical products] Champailler A, et al. **Int J Nucl Med Biol** 1985;12(1):21-8 (Eng. Abstr.) **(Fre)**

[Verifying the function of hepaticojejunostomies by scintigraphy of the bile ducts] Champetier J, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):495-500 (Eng. Abstr.) **(Fre)**

[Partial liver resections with various laser types. Functional and morphologic results of an experimental study] Meyer HJ. **Fortschr Med** 1984 Oct 4;102(37):925-8 (Eng. Abstr.) **(Ger)**

[Spleno-hepatoplasty (experimental research on revascularization of the liver)] Orefice L, et al. **Ann Ital Chir** 1984;56(4):413-22 **(Ita)**

[Liver resection in primary gallbladder cancer] Bottani G, et al. **Minerva Chir** 1984 Apr 30;39(8):607-10 (Eng. Abstr.) **(Ita)**

[Omentoplasty of residual cavities of the liver] Askerkhanov RP. **Khirurgiia (Mosk)** 1984 Jul;(7):67-71 (Eng. Abstr.) **(Rus)**

[Use of penetrating transhepatic drainage in treating hepatic alveolar hydatid disease complicated by mechanical jaundice] Dederer IuM, et al. **Khirurgiia (Mosk)** 1985 Jan; (1):41-5 (Eng. Abstr.) **(Rus)**

[Transcutaneous transhepatic dilatation of a stricture of a hepaticojejunal anastomosis] Domanskiĭ BV, et al. **Klin Khir** 1984 Sep;(9):67-8 **(Rus)**

[Technic for laparoscopic microhepatocholecystostomy] Kasum'ian SA. **Klin Khir** 1984 Sep;(9):69-70 **(Rus)**

[Biliodigestive anastomoses in cholangitis] Rustamov IR, et al. **Klin Khir** 1984 Nov;(11):36-8 (Eng. Abstr.) **(Rus)**

[Instruments for surgery on the liver and bile ducts] Smirnov BA, et al. **Med Tekh** 1984 Sep-Oct;(5):59-60 (Eng. Abstr.) **(Rus)**

[Hepato-jejunal anastomosis using a transhepatic sonde and a mucous membrane patch in high benign stenosis] Pérez Catzin F, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec; 49(4):243-6 (Eng. Abstr.) **(Spa)**

TRANSPLANTATION

Cholangiography and interventional biliary radiology in adult liver transplantation. Zajko AB, et al. **AJR** 1985 Jan; 144(1):127-33

Echocardiographic findings before and after liver transplantation. Park SC, et al. **Am J Cardiol** 1985 May 1;55(11):1373-8

Mortality from liver disease in children. Implications for hepatic transplantation programs. Lloyd-Still JD. **Am J Dis Child** 1985 Apr;139(4):381-4

Pathology of hepatic transplantation: A review of 62 adult allograft recipients immunosuppressed with a cyclosporine/steroid regimen. Demetris AJ, et al. **Am J Pathol** 1985 Jan;118(1):151-61

Regulating the introduction of heart and liver transplantation. Annas GJ. **Am J Public Health** 1985 Jan;75(1):93-5

Liver transplantation with cyclosporine and low-dose corticosteroids. Williams JW, et al. **Am Surg** 1985 Mar; 51(3):155-7

Severe hypercalcaemia due to a parathyroid-type hormone-secreting tumour of the liver treated by hepatic transplantation. A rare combination of biochemical problems and discussion of their management. Sealey MM. **Anaesthesia** 1985 Feb;40(2):170-7

Anesthesia for pediatric orthotopic liver transplantation. Borland LM, et al. **Anesth Analg** 1985 Feb;64(2):117-24

Anesthesia for hepatic transplantation: cardiovascular and metabolic alterations and their management. Carmichael FJ, et al. **Anesth Analg** 1985 Feb;64(2):108-16

Intraoperative changes in blood coagulation and thrombelastographic monitoring in liver transplantation. Kang YG, et al. **Anesth Analg** 1985 Sep;64(9):888-96

A transplanted liver rapidly begins to metabolize enflurane in humans. Rosenberg PH, et al. **Anesth Analg** 1984 Dec; 63(12):1131-2

Liver transplants in children: importance for the otolaryngologist. Reilly JS, et al. **Ann Otol Rhinol Laryngol** 1984 Sep-Oct;93(5 Pt 1):494-7

Venous bypass in clinical liver transplantation. Shaw BW Jr, et al. **Ann Surg** 1984 Oct;200(4):524-34

Use of intraoperative blood salvage during orthotopic liver transplantation. Dzik WH, et al. **Arch Surg** 1985 Aug; 120(8):946-8

Liver transplantation: consensus conference. **Bol Asoc Med PR** 1984 Jul;76(7):315-8

Oral cholecystography after liver transplantation in man. Scudamore CH, et al. **Br J Radiol** 1985 Jul;58(691):599-602

Convulsions associated with cyclosporin A in transplant recipients [letter] Polson RJ, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):1003

Current results with orthotopic liver grafting in Cambridge/King's College Hospital series. Williams R, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):49-52

Air embolism during liver transplantation [letter] Kutt JL, et al. **Can Anaesth Soc J** 1984 Nov;31(6):713-4

Liver transplantation: the initial experience of a Canadian centre. Wall WJ, et al. **Can J Surg** 1985 May;28(3):286-9

Ability of partial hepatectomy to induce gamma-glutamyltranspeptidase in regenerated and transplanted hepatocytes of Fischer 344 and Wistar-Furth rats. Bone SN 3d, et al. **Cancer Res** 1985 Mar;45(3):1222-8

Interpreting the profile of liver-function tests in pediatric liver transplants. Simonsen R, et al. **Clin Chem** 1984 Oct; 30(10):1607-10

The indications for orthotopic liver transplantation in humans. Pollak R. **Curr Surg** 1985 Jan-Feb;42(1):1-3

The occurrence of chronic rejection and biliary sludge in long-surviving pigs after liver transplantation. Hökl J, et al. **Czech Med** 1985;8(1):12-4

Cyclosporin A in orthotopic porcine liver transplantation. Long-term survival after short-term treatment. Bom-van Noorloos AA, et al. **Eur Surg Res** 1984;16(6):329-35

Anaesthetic management in experimental orthotopic liver transplantation in the pig. de Lange JJ, et al. **Eur Surg Res** 1984;16(6):360-5

The role of A-O-incompatible blood transfusions in porcine orthotopic liver transplantations. Hunfeld MA, et al. **Eur Surg Res** 1984;16(6):354-9

Effect of viable isolated hepatocytes or hepatocyte fractions on survival rate following galactosamine-induced acute liver failure. ten Berg RG, et al. **Eur Surg Res** 1985; 17(2):109-18

Electron microscopic study of the rat liver after its orthotopic and auxiliary syngeneic transplantation. Andrzejewski W, et al. **Exp Pathol** 1985;27(1):49-54

Abnormal phenylalanine hydroxylation and tyrosine oxidation in a patient with acute fulminant liver disease with correction by liver transplantation. Hehir DJ, et al. **Gastroenterology** 1985 Sep;89(3):659-63

Orthotopic liver transplantation: a pathological study of 63 serial liver biopsies from 17 patients with special reference to the diagnostic features and natural history of rejection. Snover DC, et al. **Hepatology** 1984 Nov-Dec;4(6):1212-22

Prognostic value of thyroid hormone levels in patients evaluated for liver transplantation. Van Thiel DH, et al. **Hepatology** 1985 Sep-Oct;5(5):862-6

Clonal deletion as the mechanism of abrogation of immunological memory following liver grafting in rats. Kamada N, et al. **Immunology** 1985 May;55(1):85-90

Transfer of specific immunosuppression of graft rejection using lymph from tolerant liver-grafted rats. Kamada N. **Immunology** 1985 Jun;55(2):241-7

The immunology of experimental liver transplantation in the rat. Kamada N. **Immunology** 1985 Jul;55(3):369-89 (74 ref.)

Transplantation of isolated hepatocytes. Gupta S, et al. **Indian J Gastroenterol** 1985 Apr;4(2):97-100 (40 ref.)

Preparation and allotransplantation of isolated hepatocytes in partially hepatectomized rats. Morsiani E, et al. **Ital J Surg Sci** 1985;15(1):23-9

Pituitary and thyroid hormone levels before and after orthotopic hepatic transplantation and their responses to thyrotropin-releasing hormone. Van Thiel DH, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):569-74

The clearance of cyclosporine by hemodialysis. Venkataramanan R, et al. **J Clin Pharmacol** 1984 Nov-Dec; 24(11-12):528-31

Persistent succinylacetone excretion after liver transplantation in a patient with hereditary tyrosinaemia type I. Tuchman M, et al. **J Inherited Metab Dis** 1985; 8(1):21-4

Vascular thrombosis in acute hepatic allograft rejection: scintigraphic appearance. Williams HC, et al. **J Nucl Med** 1985 May;26(5):478-81

Changing concepts: liver replacement for hereditary tyrosinemia and hepatoma. Starzl TE, et al. **J Pediatr** 1985 Apr;106(4):604-6 (9 ref.)

Analysis of patients with biliary atresia coming to liver transplantation. Pettitt BJ, et al. **J Pediatr Surg** 1984 Dec; 19(6):779-85

Extraction ratio of cyclosporine in a liver transplant patient with organ rejection. Venkataramanan R, et al. **J Pharm Sci** 1985 Aug;74(8):901-2

Liver allograft rejection in pigs: histology of the graft and role of swine leukocyte antigen-D. Bom-van Noorloos AA, et al. **J Surg Res** 1984 Oct;37(4):269-76

Segmental auxiliary liver transplantation: a new approach to an old problem. Lygidakis NJ. **J Surg Res** 1985 Mar; 38(3):246-51

Treatment of enzyme deficiency by hepatocyte transplantation in rats. Vroemen JP, et al. **J Surg Res** 1985 Sep;39(3):267-75

Orthotopic liver transplantation in a patient with Amanita poisoning. Woodle ES, et al. **JAMA** 1985 Jan 4; 253(1):69-70

Liver transplantation 1985 and beyond [editorial] **Lancet** 1985 Jan 5;1(8419):27-8

Cyclosporin-induced haemolytic uraemic syndrome in liver allograft recipient [letter] Bonser RS, et al. **Lancet** 1984 Dec 8;2(8415):1337

Veno-arterial bypass in orthotopic liver grafting [letter] Calne RY, et al. **Lancet** 1984 Dec 1;2(8414):1269

Liver graft rejection and beta 2-microglobulin [letter] Hubscher S, et al. **Lancet** 1985 Jun 15;1(8442):1391

C-reactive protein as early predictor of liver viability after transplantation [letter] McCormick SR, et al. **Lancet** 1984 Dec 22;2(8417-18):1478

Expression of beta-2-microglobulin on hepatocytes after liver transplantation. Nagafuchi Y, et al. **Lancet** 1985 Mar 9;1(8428):551-4

C-reactive protein and liver viability after transplantation [letter] Smith GW, et al. **Lancet** 1985 Mar 23;1(8430):703-4

Liver transplantation. Best J. **Med J Aust** 1984 Dec 8-22; 141(12-13):857-60

Liver transplants in Australia? Cox K. **Med J Aust** 1984 Dec 8-22;141(12-13):848-50

Liver transplantation [letter] Gaynor BS. **Med J Aust** 1985 Feb 18;142(4):278-9

Liver transplantation for Australia [editorial] Sheil AG. **Med J Aust** 1984 Dec 8-22;141(12-13):775-7

Liver transplantation to provide low-density-lipoprotein receptors and lower plasma cholesterol in a child with homozygous familial hypercholesterolemia. Bilheimer DW, et al. **N Engl J Med** 1984 Dec 27;311(26):1658-64

Liver transplantation in a hemophiliac [letter] Lewis JH, et al. **N Engl J Med** 1985 May 2;312(18):1189-90

Liver transplantation [editorial] Najarian JS, et al. **N Engl J Med** 1984 Nov 1;311(18):1179-81

Isohemagglutinins of graft origin after ABO-unmatched liver transplantation. Ramsey G, et al. **N Engl J Med** 1984 Nov 1;311(18):1167-70

Liver transplantation. National Institutes of Health Consensus Development. **Natl Inst Health Consensus Dev Conf Summ** 1983;4(7):15 p.

Multiple organ procurement. Margreiter R. **Neth J Med** 1985; 28(6):222-5

Long term survival following orthotopic liver transplantation in pigs; with special reference to gastric ulcer complications. Meijer S, et al. **Neth J Surg** 1984 Dec; 36(6):168-71

The fate of liver allografts in radiation bone marrow chimeras in mice. Nakamura T, et al. **Nippon Geka Hokan** 1985 Mar 1;54(2):59-66

Liver transplantation. Van Thiel DH. **Pediatr Ann** 1985 Jul; 14(7):474-6, 477-80

Current thinking in transplantation in infants and children. Lum CT, et al. **Pediatr Clin North Am** 1985 Oct; 32(5):1203-32 (85 ref.)

Monoclonal derivation of mouse myeloid and lymphoid lineages from totipotent hematopoietic stem cells experimentally engrafted in fetal hosts. Mintz B, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7835-9

Liver transplantation. Jenkins RL, et al. **Surg Clin North Am** 1985 Feb;65(1):103-22 (26 ref.)

A simplified technique for revascularization of homografts of the liver with a variant right hepatic artery from the superior mesenteric artery. Gordon RD, et al. **Surg Gynecol Obstet** 1985 May;160(5):474-6

Veno-venous bypass without systemic anticoagulation for transplantation of the human liver. Griffith BP, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):270-2

Healing of the bile duct anastomosis after transverse choledochotomy or transplantation of the liver in the pig. Northover JM, et al. **Surg Gynecol Obstet** 1985 Jan; 160(1):33-6

Portal vein grafts in hepatic transplantation. Shaw BW Jr, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):66-8

Alternative methods of arterialization of the hepatic graft.

Shaw BW Jr, et al. **Surg Gynecol Obstet** 1984 Nov; 159(5):490-3

Metabolism during hepatic transplantation: indicators of allograft function. Fath JJ, et al. **Surgery** 1984 Oct; 96(4):664-74

Choledochocholedochostomy, a relatively safe procedure in orthotopic liver transplantation. Krom RA, et al. **Surgery** 1985 May;97(5):552-6

Plasma amino acids in liver transplantation: correlation with clinical outcome. Reilly JJ Jr, et al. **Surgery** 1985 Mar; 97(3):263-70

Role of prostaglandins (PGI2) in improving the survival of ischemically damaged liver allografts. Toledo-Pereyra LH. **Trans Am Soc Artif Intern Organs** 1984;30:390-4

Blood transfusion in liver transplantation. Butler P, et al. **Transfusion** 1985 Mar-Apr;25(2):120-3

Organ transplantation. Liver. **Transplant Proc** 1985 Feb;17(1 Pt 1):250-301

Surgical complications in the postoperative period of liver transplantation in children. Cienfuegos JA, et al. **Transplant Proc** 1984 Oct;16(5):1230-5

The transport of cyclosporine in association with plasma lipoproteins in heart and liver transplant patients. Gurecki J, et al. **Transplant Proc** 1985 Aug;17(4):1997-2002

Nephrotoxicity of cyclosporine in liver transplantation. Iwatsuki S, et al. **Transplant Proc** 1985 Aug;17(4 Suppl 1):191-5

Liver transplantation against T cell-positive warm crossmatches. Iwatsuki S, et al. **Transplant Proc** 1984 Dec; 16(6):1427-9

Choledochocholedochostomy is successful in orthotopic liver transplantation. Krom RA, et al. **Transplant Proc** 1984 Oct; 16(5):1228-9

Aspiration cytology of a human liver allograft. Lautenschlager I, et al. **Transplant Proc** 1984 Oct; 16(5):1243-6

Results of biliary reconstruction after liver transplantation. Neuhaus P, et al. **Transplant Proc** 1984 Oct;16(5):1225-7

Preservation damage in liver transplantation: electron-microscopic findings. Otto G, et al. **Transplant Proc** 1984 Oct;16(5):1247-8

Auxiliary transplantation of a partially hepatectomized liver in pigs with fulminant hepatic failure. Reuvers CB, et al. **Transplant Proc** 1984 Oct;16(5):1236-9

Surgical and functional aspects of combined donor nephrectomy and hepatectomy. Slooff MJ, et al. **Transplant Proc** 1984 Oct;16(5):1346-7

Preliminary results with fine needle aspiration biopsy in liver grafts. Vogel W, et al. **Transplant Proc** 1984 Oct; 16(5):1240-2

Cyclosporine monitoring in liver transplant patients [letter] Andrews W, et al. **Transplantation** 1985 Mar;39(3):338

The relation of preoperative coagulation findings to diagnosis, blood usage, and survival in adult liver transplantation. Bontempo FA, et al. **Transplantation** 1985 May;39(5):532-6

Long-term evaluation of isolated syngeneic hepatocytes transplanted into the normal rat spleen by TC-99M-HIDA scintigraphy. Cuervas-Mons V, et al. **Transplantation** 1985 Jan;39(1):87-90

Intrasplenic fetal rat hepatic tissue isotransplantation. Ebata H, et al. **Transplantation** 1985 Jan;39(1):77-9

Rejection of allogeneic hepatocytes and fetal hepatic tissue transplanted into the rat spleen. Ebata H, et al. **Transplantation** 1985 Feb;39(2):221-3

Sensitization of rats for rejection of heart allografts by heterotopic auxiliary liver grafting or administration of liver cell suspensions. Kamada N, et al. **Transplantation** 1985 Jul;40(1):106-8

A description of cuff techniques for renal transplantation in the rat. Use in studies of tolerance induction during combined liver grafting. Kamada N. **Transplantation** 1985 Jan;39(1):93-5

Fine-needle aspiration cytology of liver allografts in the pig. Lautenschlager I, et al. **Transplantation** 1984 Oct; 38(4):330-4

Prognostic value of glutamyl dehydrogenase activity in clinical liver transplantation. Lohse W, et al. **Transplantation** 1984 Nov;38(5):559

Heterotopic liver grafting in the rat. A simplified method using cuff techniques. Marni A, et al. **Transplantation** 1985 Mar;39(3):329-31

Changes in serum amyloid A protein and beta-2-microglobulin in association with liver allograft rejection. Maury CP, et al. **Transplantation** 1984 Nov; 38(5):551-3

Adult respiratory distress syndrome and convulsions associated with administration of cyclosporine in liver transplant recipients. Powell-Jackson PR, et al. **Transplantation** 1984 Oct;38(4):341-3

Fetal liver transplantation in the dog. I. Restoration of hemopoiesis with cryopreserved fetal liver cells from DLA-identical siblings. Prümmer O, et al. **Transplantation** 1985 Apr;39(4):349-55

Long-term survival of auxiliary partial liver grafts in DLA-identical littermate beagles. Reuvers CB, et al. **Transplantation** 1985 Feb;39(2):113-8

The effect of RT1 subregion differences on liver allograft survival in the rat. Tsuchimoto S, et al. **Transplantation** 1985 Aug;40(2):218-20

Intraorgan pressure changes in rejecting kidney, liver, and heart transplants in the rat. Vasir B, et al. **Transplantation** 1985 Jul;40(1):17-21

Biopsy-directed immunosuppression following hepatic transplantation in man. Williams JW, et al. **Transplantation** 1985 Jun;39(6):589-96

Fourth component of complement (C4) polymorphism in human orthotopic liver transplantation. Wölpl A, et al. **Transplantation** 1985 Aug;40(2):154-7

The diaphragmatic vena cava cuff in hepatic transplantation. Woodle ES, et al. **Transplantation** 1985 Jul;40(1):105

[Short-term and multiple fetal liver transplantations for the treatment of aplastic anemia: report of 15 cases] Lou FD, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):65-7, 124 (Eng. Abstr.) **(Chi)**

[Orthoptic hepatic transplantation] Gelin M, et al. **Acta Chir Belg** 1984 Nov-Dec;84(6):CXXXIII-CXXXVI **(Fre)**

[Hepatic transplant icterus. Ischemia or rejection] Benichou J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb; 20(1):63-4 **(Fre)**

[Hepatic transplantation in children. Facilitation by the use of an adult liver reduced by hepatectomy] Bismuth H, et al. **Chirurgie** 1985;111(2):124-31 (Eng. Abstr.) **(Fre)**

[Combined procurement of heart, liver and kidneys for the purpose of transplantation (letter)] Segol P, et al. **Presse Med** 1984 Oct 27;13(38):2325 **(Fre)**

[Liver transplantation] Pichlmayr R, et al. **Chirurg** 1985 Apr; 56(4):211-5 **(Ger)**

[Value of histopathologic findings following liver transplantation based on biopsy course studies] Kunz J, et al. **Klin Wochenschr** 1984 Dec 17;62(24):1157-64 (Eng. Abstr.) **(Ger)**

[2-Cuff technic for experimental liver transplantation in pigs] Knörig JM, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(4):204-8 (Eng. Abstr.) **(Ger)**

[Auxiliary liver transplantation in an animal experiment--a novel surgical model] Nawroth R, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(2):66-78 (Eng. Abstr.) **(Ger)**

[Biochemical criteria of vitality in experimental auxiliary animal liver transplantation] Grässler J, et al. **Z Med Lab Diagn** 1984;25(5):285-6 **(Ger)**

[Tasks of clinico-chemical and biochemical studies in liver transplantation] Lohse W, et al. **Z Med Lab Diagn** 1985; 26(1):9-14 (Eng. Abstr.) **(Ger)**

[Significance of antithrombin III in clinical liver transplantations] Lohse W, et al. **Zentralbl Chir** 1985; 110(13):803-10 (Eng. Abstr.) **(Ger)**

[Clinical liver transplantation in East Germany] Wolff H, et al. **Zentralbl Chir** 1985;110(13):794-802 (Eng. Abstr.) **(Ger)**

[Current research on liver transplantation] Galmarini D, et al. **Minerva Chir** 1985 Mar 15;40(5):247-9 **(Ita)**

[Orthotopic transplant of the liver 15 years later. Experimental study] Rossi G, et al. **Minerva Chir** 1984 Sep 15;39(17):1133-5 (Eng. Abstr.) **(Ita)**

[Brain death and organ transplantation] Akiyama N. **Nippon Rinsho** 1985 Jan;43(1):168-72 **(Jpn)**

[Technical problems in liver transplantation from the standpoint of hepatosurgery] Kakita A, et al. **Nippon Rinsho** 1984 Nov;42(11):2571-81 (23 ref.) **(Jpn)**

[Transplantation of the liver] Nagao T, et al. **Nippon Rinsho** 1985 Jan;43(1):63-7 **(Jpn)**

[Trends in liver transplantation research in Europe and in the United States] Okuda K. **Nippon Rinsho** 1984 Aug; 42(8):1956-66 **(Jpn)**

[Transplantation of multiple organs below the diaphragm] Taira A, et al. **Nippon Rinsho** 1985 Jan;43(1):75-8 **(Jpn)**

[Characterization of rejection in orthotopic liver transplantation in the dog. III. Anatomo-pathological findings] Bacchella T, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep-Oct; 39(5):215-22 (Eng. Abstr.) **(Por)**

[Correlations between clinical, biochemical and anatomo-pathological findings in orthotopic liver transplants in dogs] Bacchella T, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):63-8 (Eng. Abstr.) **(Por)**

[Transplantation of human embryonal tissues in athymic mice] Solov'ev IuN, et al. **Biull Eksp Biol Med** 1985 Mar; 99(3):334-6 (Eng. Abstr.) **(Rus)**

[Liver transplantation: current status (editorial)] Campra JL, et al. **Acta Gastroenterol Latinoam** 1983;13(4):741-4 **(Spa)**

[Experimental organ transplantation: orthotopic and heterotopic liver transplantation in swine. Report awarded the Premio de la Academia for 1984] Arias Pérez J. **An R Acad Nac Med (Madr)** 1985;102(1):17-34 **(Spa)**

[Neuropathological findings in liver transplantation. Study of 29 cases] Cienfuegos JA, et al. **Med Clin (Barc)** 1985 Feb 9;84(5):169-75 (Eng. Abstr.) **(Spa)**

[Biochemical follow-up of the 1st 3 liver transplants performed in Spain] Frey González E, et al. **Med Clin (Barc)** 1985 May 4;84(17):685-7 (Eng. Abstr.) **(Spa)**

[Complications of liver transplantation] Jaurrieta Mas E. **Med Clin (Barc)** 1985 May 25;84(20):819-21 **(Spa)**

[Orthotopic liver transplantation in a patient with primary biliary cirrhosis] Margarit C, et al. **Med Clin (Barc)** 1985 May 25;84(20):822-4 (Eng. Abstr.) **(Spa)**

[Orthotopic hepatic transplant in a patient with hepatocarcinoma] Margarit C, et al. **Rev Esp Enferm Apar Dig** 1984 Sep;66(3):234-9 (Eng. Abstr.) **(Spa)**

[Liver transplantation] Ruiz Speare JO. **Rev Gastroenterol Mex** 1982 Jul-Sep;47(3):187-90 **(Spa)**

[Liver transplantations at the Huddinge Hospital--experience, indications, needs] Groth CG, et al. **Lakartidningen** 1985 Jun 26;82(26-27):2434-9 **(Swe)**

[Biliary atresia treated with liver transplantation] Gustafsson A. **Lakartidningen** 1984 Dec 5;81(49):4643-5 **(Swe)**

ULTRASTRUCTURE

Fine structure of hepatocytes from mini-pigs and mini-pig fetuses exposed to alcohol (ethanol) in vivo. Rømert P, et al. **Acta Anat (Basel)** 1984;120(4):190-5

Ultrastructure of hepatocyte nuclei in irradiated, adrenalectomized rats. Orkisz S, et al. **Acta Morphol Hung** 1984;32(3-4):167-73

Analysis and subcellular localization of lipid in alcoholic liver disease. Peters TJ, et al. **Alcohol** 1985 May-Jun;2(3):447-51

Electron microscopic demonstration of lysosomal inclusion bodies in lung, liver, lymph nodes, and blood leukocytes of patients with amiodarone pulmonary toxicity. Dake MD, et al. **Am J Med** 1985 Mar;78(3):506-12

Differences between cytoplasmic surfaces of deep-etched heart and liver gap junctions. Shibata Y, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H690-3

Preparative isolation of peroxisomes from liver and kidney using metrizamide density gradient centrifugation in a vertical rotor. Hajra AK, et al. **Anal Biochem** 1985 Jul; 148(1):233-44

Serial section analysis of mouse hepatic peroxisomes. Gorgas K. **Anat Embryol (Berl)** 1985;172(1):21-32

Distribution of hepatic ribosomes between different functional states in well-fed and protein-energy-deficient rats. Enwonwu CO, et al. **Ann Nutr Metab** 1984; 28(6):367-76

The kinetics of 32P incorporation into brain and liver ribosomal proteins from 14-day old chick embryos. Sanecka-Obacz M. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:19-25

A simple, rapid method for the preparation of plasma membranes from liver. Armstrong JM, et al. **Arch Biochem Biophys** 1985 May 1;238(2):619-28

Improved isolation and purification of rat liver peroxisomes by combined rate zonal and equilibrium density centrifugation. Hartl FU, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):124-34

Alterations in liver ultrastructure and induction of UDP-glucuronyltransferase in the rat following prenatal exposure to 3,4,3',4'-tetrachlorobiphenyl. Harris C, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):715-21

Systemic mastocytosis with portal hypertension. Autopsy findings and ultrastructural study of the liver. Ghandur-Mnaymneh L, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):76-8

Congenital hepatic fibrosis associated with Mallory bodies and copper retention. Evans J, et al. **Aust NZ J Med** 1984 Aug;14(4):500-3

Mortality in Pekin ducklings associated with eosinophilic intranuclear inclusions in hepatocytes. Scott PC, et al. **Aust Vet J** 1984 Oct;61(10):328-9

The association of calmodulin with subcellular fractions isolated from rat liver. Gazzotti P, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):358-65

Evidence for peroxisomal hydroxylase activity in rat liver. Thompson SL, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):708-16

Participation of peroxisomal beta-oxidation system in the chain-shortening of a xenobiotic acyl compound. Yamada J, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):123-8

Effect of fenofibrate and LF 2151 on hepatic peroxisomes in hamsters. Pourbaix S, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3661-6

Identification of a protein kinase as an intrinsic component of rat liver coated vesicles. Campbell C, et al. **Biochemistry** 1984 Sep 11;23(19):4420-6

Lipid composition of liver plasma membranes from rats intoxicated with carbon tetrachloride. Camacho J, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):97-104

Subcellular localisation of inositol lipid kinases in rat liver. Cockcroft S, et al. **Biochim Biophys Acta** 1985 May 30; 845(2):163-70

Effects of antimalarial drugs on phospholipase A and lysophospholipase activities in plasma membrane, mitochondrial, microsomal and cytosolic subcellular fractions of rat liver. Löffler BM, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):448-55

Catabolism of leukotriene A4 into B4, C4, and D4 by rat liver subcellular fractions. Pace-Asciak CR, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):153-6

Evidence of essential disulfide bonds in angiotensin II binding sites of rabbit hepatic membranes. Inactivation by dithiothreitol. Sen I. **Biochim Biophys Acta** 1985 Feb 28; 813(1):103-10

Ultrastructural localization of a peroxisomal protein in rat liver using the specific antibody against the non-specific lipid transfer protein (sterol carrier protein 2). Van der Krift TP, et al. **Biochim Biophys Acta** 1985 Jan 25; 812(2):387-92

Laser flow measurements of scattering and fluorescence from cell nuclei in the presence of increasing Mg++

concentrations. Grattarola M, et al. **Biophys J** 1985 Apr;47(4):461-8

Ultrastructural characteristics of hyperplastic alterations in the liver of congenital portacaval-shunt rats. Vonnahme FJ, et al. **Br J Exp Pathol** 1984 Oct;65(5):585-96

Nucleolar changes during the first steps of experimental hepatocarcinogenesis in rats. Deleener A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):151-7

Changes in the relative distribution and properties of smooth endoplasmic reticulum subfractions isolated from the livers of rats fed 2-acetylaminofluorene. Fox OF, et al. **Cancer Lett** 1984 Aug;24(1):29-36

Dense line in cisterna of rough-surfaced endoplasmic reticulum of hepatocytes of the rat perfused with saponin solution. Makita T, et al. **Cell Biol Int Rep** 1985 Jul;9(7):607-12

Increased gap junctional area in the rat liver after administration of dibutyryl cAMP. De Mazière AM, et al. **Cell Tissue Res** 1985;239(3):651-5

The endoplasmic reticulum in regenerating liver cells. Lewan L, et al. **Cell Tissue Res** 1985;240(1):243-6

Peroxisomes in the liver of frog, Bombina orientalis. Hayashi H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2346-52

Properties of the lysosomes from liver and gill of rainbow trout, Salmo gairdnerii R.: effect of starvation, salinity and 2,4,5-T. Thebault MT, et al. **Comp Biochem Physiol [B]** 1984;79(4):541-7

Sex-influenced CPIB-induction of peroxisomes in rat liver and kidney tissues. Henry EW, et al. **Cytobios** 1985;42(169S):279-93

Androgen receptor in the rabbit liver and apparent translocation to the nucleus in vivo. Sheets CS, et al. **Endocrinology** 1985 Feb;116(2):677-85

Patient fat biopsies for chemical analysis and liver biopsies for ultrastructural characterization after exposure to polychlorinated dioxins, furans and PCBs. Schecter A, et al. **Environ Health Perspect** 1985 May;60:241-54

Isolation and characterization of peroxisomes from the liver of normal untreated rats. Völkl A, et al. **Eur J Biochem** 1985 Jun 3;149(2):257-65

Alteration in hepatic mitochondrial compartment of cold-acclimated rats. Association with enhanced triiodothyronine serum levels. A morphometric/stereologic study by electron microscopy. Goglia F, et al. **Exp Biol** 1985;44(1):41-56

Conversion of dense lysosomes into light lysosomes during hepatocytic autophagy. Seglen PO, et al. **Exp Cell Res** 1985 Apr;157(2):550-5

Euploidization of human hepatocytes from donors of different ages and both sexes compared with those from cases of Werner's syndrome and progeria. Gahan PB, et al. **Exp Gerontol** 1984;19(6):355-8

Electron microscopic study of liver fibrosis associated with diabetes mellitus. Balázs M, et al. **Exp Pathol** 1985;27(3):153-62

The effect of cycloheximide on nuclear uH2A content. Dalay N, et al. **Experientia** 1984 Dec 15;40(12):1398-9

3-Hydroxyacyl-CoA epimerase is a peroxisomal enzyme and therefore not involved in mitochondrial fatty acid oxidation. Chu CH, et al. **FEBS Lett** 1985 Jun 3;185(1):129-34

The presence and orientation of ecto-5'-nucleotidase in rat liver lysosomes. Maguire GA, et al. **FEBS Lett** 1985 Jan 21;180(1):122-6

Inhibition of hepatocyte plasma membrane Ca2+-ATPase activity by menadione metabolism and its restoration by thiols. Nicotera P, et al. **FEBS Lett** 1985 Feb 11;181(1):149-53

Basement membrane production by hepatocytes in chronic liver disease. Bianchi FB, et al. **Hepatology** 1984 Nov-Dec;4(6):1167-72

Ultrastructural liver pathology in patients with minimal liver disease and alpha 1-antitrypsin deficiency: a comparison between heterozygous and homozygous patients. Hultcrantz R, et al. **Hepatology** 1984 Sep-Oct;4(5):937-45

Scanning electron microscopy of the liver cell cytoskeleton. Okanoue T, et al. **Hepatology** 1985 Jan-Feb;5(1):1-6

The liver sieve: considerations concerning the structure and function of endothelial fenestrae, the sinusoidal wall and the space of Disse. Wisse E, et al. **Hepatology** 1985 Jul-Aug;5(4):683-92

Studies on satellite nucleoli of hepatocytes. Smetana K, et al. **Histochem J** 1985 May;17(5):527-8

Freeze drying and freeze substitution combined with low temperature-embedding. Preparation techniques for microprobe analysis of biological soft tissues. Wróblewski R, et al. **Histochemistry** 1984;81(5):469-75

Peliosis-like ultrastructural changes of the hepatic sinusoids in human chronic hypervitaminosis A: report of three cases. Zafrani ES, et al. **Hum Pathol** 1984 Dec;15(12):1166-70

Ultrastructural changes in liver of mice exposed to hexachlorocyclohexane. Nigam SK, et al. **Indian J Exp Biol** 1984 Apr;22(4):199-204

Intracellular transport of a newly synthesized asialoglycoprotein receptor in rat liver. Nakada H, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):341-51

Degradation of short and long lived proteins in isolated rat liver lysosomes. Effects of pH, temperature, and proteolytic inhibitors. Ahlberg J, et al. **J Biol Chem** 1985 May 10;260(9):5847-54

An electrogenic proton pump associated with the Golgi apparatus of mouse liver driven by NADH and ATP. Barr R, et al. **J Biol Chem** 1984 Nov 25;259(22):14064-7

Post-translational import of fatty acyl-CoA oxidase and catalase into peroxisomes of rat liver in vitro. Fujiki Y, et al. **J Biol Chem** 1985 May 10;260(9):5603-9

Reaction mechanism of the calcium-transport ATPase in endoplasmic reticulum of rat liver. Demonstration of different reactive forms of the phosphorylated intermediate. Heilmann C, et al. **J Biol Chem** 1985 Jan 25;260(2):788-94

Translocation of UDP-N-acetylglucosamine into vesicles derived from rat liver rough endoplasmic reticulum and Golgi apparatus. Perez M, et al. **J Biol Chem** 1985 Apr 25;260(8):4671-8

The transport and utilization of acetyl coenzyme A by rat liver Golgi vesicles. O-acetylated sialic acids are a major product. Varki A, et al. **J Biol Chem** 1985 Jun 10;260(11):6600-8

Isolation and characterization of multivesicular bodies from rat hepatocytes: an organelle distinct from secretory vesicles of the Golgi apparatus. Hornick CA, et al. **J Cell Biol** 1985 May;100(5):1558-69

Permeabilization of rat hepatocytes with Staphylococcus aureus alpha-toxin. McEwen BF, et al. **J Cell Biol** 1985 Jun;100(6):1922-9

Spatial distribution of DNA loop attachment and replicational sites in the nuclear matrix. Smith HC, et al. **J Cell Biol** 1984 Nov;99(5):1794-802

Biogenesis of the polymeric IgA receptor in rat hepatocytes. II. Localization of its intracellular forms by cell fractionation studies. Sztul ES, et al. **J Cell Biol** 1985 Apr;100(4):1255-61

Structural and biochemical aspects of liver cell nuclear organization in normal and scalded rats. Sevaljević L, et al. **J Cell Sci** 1984 Oct;71:75-93

Characterization of iron-mediated peroxidative injury in isolated hepatic lysosomes. Mak IT, et al. **J Clin Invest** 1985 Jan;75(1):58-63

Stereospecific transport of triiodothyronine from plasma to cytosol and from cytosol to nucleus in rat liver, kidney, brain, and heart. Oppenheimer JH, et al. **J Clin Invest** 1985 Jan;75(1):147-54

Ultrastructural changes of the liver in spontaneously ketotic cows. Gröhn Y, et al. **J Comp Pathol** 1985 Jul;95(3):443-52

A freeze-polishing method for observing intracellular structures by scanning electron microscopy. Inoué T, et al. **J Electron Microsc (Tokyo)** 1984;33(4):356-62

Proliferated bile ductules observed by scanning electron microscopy using the chemical digestion method after liver capsule mechanical stripping. Kobayashi K, et al. **J Electron Microsc (Tokyo)** 1984;33(4):375-7

A procedure for light and electron microscopic intracellular immunolocalization of collagen and fibronectin in rat liver. Clement B, et al. **J Histochem Cytochem** 1985 May;33(5):407-14

A recommended procedure for ultrastructural immunohistochemistry on small human tissue samples. De Vos R, et al. **J Histochem Cytochem** 1985 Sep;33(9):959-64

Intracytoplasmic inclusions in human hepatocytes in non-A, non-B hepatitis: an ultrastructural study. McCaul TF, et al. **J Med Virol** 1984;14(4):387-402

A modified cleansing procedure to obtain large freeze-fracture replicas. De Mazière AM, et al. **J Microsc** 1985 Feb;137 (Pt 2):185-8

Redox levels of intravenously administered [14C]coenzyme Q10 and coenzyme Q10-reducing activity in subcellular fractions of guinea pig liver. Takada M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):147-55

Endothelial cell changes in acute hepatitis. A light and electron microscopic study. Bardadin KA, et al. **J Pathol** 1984 Nov;144(3):213-20

Ribosomal ribonucleases in avian liver during estrogen-induced vitellogenin synthesis. Penttilä KE, et al. **J Steroid Biochem** 1985 Apr;22(4):559-61

Chromosomal aberrations induced by sodium nitrite in bone marrow of adult rats and liver cells of transplacentally exposed embryos. el Nahas SM, et al. **J Toxicol Environ Health** 1984;13(4-6):643-7

Ultrastructural and cytochemical study of the early stages of liver colonization by transplanted neoplastic hepatocytes. Bernaert D, et al. **JNCI** 1985 Sep;75(3):545-59

Distribution of microtubules in cultured hepatocytes from rats, demonstrated by immunofluorescence microscopy. Motoori H, et al. **Kurume Med J** 1984;31(2):125-34

The hepatic extracellular matrix. II. Electron immunohistochemical studies in rats with CCl4-induced cirrhosis. Martinez-Hernandez A. **Lab Invest** 1985 Aug;53(2):166-86 (65 ref.)

Non-A, non-B hepatitis in tissue culture [letter] McCaul TF, et al. **Lancet** 1985 Apr 13;1(8433):868-9

Carbon tetrachloride-induced inhibition of hepatocyte lipoprotein secretion: functional impairment of Golgi apparatus in the early phases of such injury. Poli G, et al. **Life Sci** 1985 Feb 11;36(6):533-9

Hyperplastic foci in the atrophic liver of rats after portacaval anastomosis. Dubuisson L, et al. **Liver** 1985 Feb;5(1):21-8

Lysosomal activity in the aging rat liver: II. Morphometry of acid phosphatase positive dense bodies. De Priester W, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):205-16

Preparation of low-density 'endosome' and 'endosome'-depleted Golgi fractions from rat liver. Evans WH. **Methods Enzymol** 1985;109:246-57

Ultrastructural study on a severe infantile sialidosis (beta-galactosidase-alpha-neuraminidase deficiency). Yamano T, et al. **Neuropediatrics** 1985 May;16(2):109-12

Hepatic fibrosis produced in rats by repeated intraperitoneal injections of swine serum. Kitamura K, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):265-71

Acute treatment of mice with cadmium salts results in amplification of the metallothionein-1 gene in liver. Koropatnick J, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5423-39

Association between mitochondria and rough endoplasmic reticulum (rer) in rat hepatocytes. Singh KP, et al. **Pathol Res Pract** 1985 Jul;180(1):49-53

Hepatic parenchymal cells in cystic fibrosis: ultrastructural evidence for abnormal intracellular transport. Bradford W, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):269-79

The effects of H2 receptor antagonists on hepatic microsomal drug metabolism and fine morphology of rat liver. Mosca P, et al. **Pharmacol Res Commun** 1985 Jun;17(6):513-24

3-Hydroxy-3-methylglutaryl-coenzyme A reductase is present in peroxisomes in normal rat liver cells. Keller GA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):770-4

An improved procedure for immunoelectron microscopy: ultrathin plastic embedding of immunolabeled ultrathin frozen sections. Keller GA, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5744-7

The influence of mode of fixation, type of fixative and vehicles on the same rat liver: a morphometric/stereologic study by light and electron microscopy. Reith A, et al. **Scan Electron Microsc** 1984;(Pt 2):645-51

An improved technique for dissociating hepatocytes from fixed mouse liver for cytochemistry. Yamashita K, et al. **Stain Technol** 1985 Jan;60(1):29-37

Morphohistochemical changes in hepatocytes during the life cycle of the European eel. Barni S, et al. **Tissue Cell** 1985;17(1):97-109

Enhanced peroxisomal beta-oxidation of fatty acids and glutathione metabolism in rats exposed to phenoxyacetic acids. Hietanen E, et al. **Toxicology** 1985 Feb;34(2):103-11

Effects of urease-induced hyperammonemia in mouse liver. Ultrastructural, stereologic and biochemical study. O'Connor JE, et al. **Virchows Arch [Cell Pathol]** 1984;46(3):187-97

Kinetic properties of UDP-glucuronosyltransferase(S) in different membranes of rat liver cells. Antoine B, et al. **Xenobiotica** 1984 Jul;14(7):575-9

Biochemical and morphological effects of long-term inhalation exposure of rats to ethylbenzene. Elovaara E, et al. **Xenobiotica** 1985 Apr;15(4):299-308

[Scanning electron microscopy of subcellular structures] Yang SC. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):198-203 (Eng. Abstr.) **(Chi)**

[Morphometric analysis of normal human liver by electron microscopy] Bioulac-Sage P, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):856-60 **(Fre)**

[Byler's disease. Ultrastructural study. Apropos of a case in an infant] Pincon JA, et al. **Pediatrie** 1984 Jun;39(4):279-88 (Eng. Abstr.) **(Fre)**

[Changes in the intermediate filament cytoskeleton of liver cells in alcoholic liver injury] Denk H, et al. **Wien Klin Wochenschr** 1985 Apr 12;97(8):354-8 (25 ref.) (Eng. Abstr.) **(Ger)**

[Methods of preparing various tissues for scanning electron microscopy] Wenzel M, et al. **Z Mikrosk Anat Forsch** 1984;98(5):705-20 (Eng. Abstr.) **(Ger)**

[Chronic active giant cell hepatitis in a young adult] Kendrey G, et al. **Morphol Igazsagugyi Orv Sz** 1984 Oct;24(4):241-7 (Eng. Abstr.) **(Hun)**

[Morphologic studies of hepatocytes isolated by in situ perfusion: importance of EDTA preperfusion] Vajta G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Apr;25(2):107-14 (Eng. Abstr.) **(Hun)**

[Scanning microscopy of the liver of experimental animals] Vajta G, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):195-202 (Eng. Abstr.) **(Hun)**

[The so-called hepatotoxic effects of enflurane. Ultramicroscopic study of human biopsies] Tesoro S. **Minerva Anestesiol** 1984 Jun;50(6):353-7 **(Ita)**

[An ultrastructural study of the changes of the liver and spleen induced by experimental E. coli endotoxin shock--with special reference to effects of the low-dose heparin therapy] Toba M. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):778-90 (Eng. Abstr.) **(Jpn)**

[Study of hepatic ultrastructural changes and liver function in amyotrophic lateral sclerosis] Nakano Y, et al. **Rinsho Shinkeigaku** 1984 Dec;24(12):1262-5 (Eng. Abstr.) **(Jpn)**

[Atypical ultrastructural changes in the cytoplasm and nuclei of hepatocytes in chronic hepatitis B virus (HBV) infection] Chibowski D, et al. **Patol Pol** 1984 Jul-Sep;35(3):309-24 (Eng. Abstr.) **(Pol)**

[Karyometric evaluation of hepatocytes of rats with both untreated and insulin- and chlorpropamide-treated experimental diabetes mellitus] Rogoziński R, et al. **Patol Pol** 1984 Oct-Dec;35(4):493-8 (Eng. Abstr.) **(Pol)**

[Karyometric study of hepatocytes in diabetic patients treated with insulin or chlorpropamide] Rogoziński R, et al. **Pol Tyg Lek** 1984 Aug 20;39(34):1127-8 (Eng. Abstr.) **(Pol)**

[Interaction of rifampicin with hepatocyte organoids in rats and its intracellular distribution] Guliaev AE, et al. **Antibiotiki** 1984 Nov;29(11):826-8 (Eng. Abstr.) **(Rus)**

[Changes the structural elements of the organs of bats during periods of activity and hibernation] Klika E, et al.

Arkh Anat Gistol Embriol 1984 Sep;87(9):47-52 (Eng. Abstr.) **(Rus)**

[Cytoskeletal reorganization in hepatocytes of the regenerating mouse liver] Gleiberman AS, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):741-3 (Eng. Abstr.) **(Rus)**

[Effect of hemosorption on the ultrastructure of hepatocytes in toxic liver damage] Kasymov AKh, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):368-70 (Eng. Abstr.) **(Rus)**

[Ultrastructural aspects of the reversible nature of sclerotic changes in the liver] Ryvniak VV. **Biull Eksp Biol Med** 1985 Apr;99(4):490-1 (Eng. Abstr.) **(Rus)**

[Lysosome participation in collagen resorption by hepatocytes during regression of liver cirrhosis] Ryvniak VV. **Biull Eksp Biol Med** 1984 Dec;98(12):746-8 (Eng. Abstr.) **(Rus)**

[Observation of the intranuclear framework formed by a structured fibril network in thin liver sections] Val'ter SN, et al. **Dokl Akad Nauk SSSR** 1984;279(5):1249-51 **(Rus)**

[Lysosomal enzyme activity in various organs of rats exposed to tetramethylthiuram disulfide] Nepesova ShA, et al. **Gig Sanit** 1985 Jan;(1):89-91 **(Rus)**

[Hepatic echinococcosis--ultrastructural pathogenetic aspects and clinico-laboratory comparisons] Damianov BD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):65-7 (Eng. Abstr.) **(Rus)**

[Ultrastructural changes in the liver in the early period of acute pancreatitis] Koval'chuk VI, et al. **Klin Khir** 1984 Nov;(11):38-9 (Eng. Abstr.) **(Rus)**

[Electron microscope study of chromatin in hepatocyte nuclei during the first hours after partial hepatectomy. V. Changes in the relative area of condensed chromatin and the density of chromatin fibril packing in the ultrathin sections] Manteifel' VM, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):988-93 (Eng. Abstr.) **(Rus)**

[Comparative analysis of estrogen receptor level in the liver and angiotensinogen level in the blood plasma of rats after administration of estradiol in association with other endocrine factors] Mataradze GD, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):62-7 (Eng. Abstr.) **(Rus)**

[Structural and quantitative changes in the hepatocyte lysosomal apparatus induced by a stressing factor on the body of mice] Shkurupii VA, et al. **Tsitol Genet** 1985 Mar-Apr;19(2):93-7 (Eng. Abstr.) **(Rus)**

[Use of the method of nucleus sedimentation fractionation for studying the dynamics of cell populations in the regenerating liver] Kolosov EV, et al. **Tsitologiia** 1984 Aug;26(8):968-73 (Eng. Abstr.) **(Rus)**

[Characteristics of non-nucleolar RNP structures in hepatocyte nuclei in the early stages of the stimulation of proliferation] Manteifel'd VM, et al. **Tsitologiia** 1985 Jun;27(6):619-27 (Eng. Abstr.) **(Rus)**

[New enzymatic systems of mammalian peroxisomes] Panchenko LF, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):48-52 (Eng. Abstr.) **(Rus)**

[Enzymatic mechanism of the body's defense against foreign substances in food] Tutel'ian VA. **Vestn Akad Med Nauk SSSR** 1984;(8):84-9 (Eng. Abstr.) **(Rus)**

[Optimal timing of radical surgery for tumors of the pancreaticoduodenal zone associated with jaundice] Kasum'ian SA, et al. **Vestn Khir** 1985 Jan;134(1):49-51 (Eng. Abstr.) **(Rus)**

[Hepatocyte ultrastructure in cholestasis] Kadoshchuk TA, et al. **Vrach Delo** 1984 Sep;(9):41-3 (Eng. Abstr.) **(Rus)**

[Liver ultrastructure in congenital atresia of the extrahepatic bile ducts] Arias RF, et al. **Acta Gastroenterol Latinoam** 1984;14(4):265-71 (Eng. Abstr.) **(Spa)**

[Detection by analysis of dispersion of x-ray energy of silicone particles in the liver of a patient in a dialysis program] Estruch R, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):25-7 (Eng. Abstr.) **(Spa)**

LIVER ABSCESS

Pyogenic liver abscess in children: a report of three patients and review of the literature. Karrar ZA, et al. **Ann Trop Paediatr** 1985 Jun;5(2):97-101

Pyogenic liver abscess: diagnosis, bacteriology and treatment. McDonald MI. **Eur J Clin Microbiol** 1984 Dec;3(6):506-9 (55 ref.)

COMPLICATIONS

Liver abscess and Crohn's disease [letter] Macpherson DS, et al. **Am J Gastroenterol** 1985 May;80(5):399

Superinfected actinomycotic abscess of the liver. Gertsch P, et al. **Int Surg** 1985 Jan-Mar;70(1):39-40

Tuberculous abscess of the liver with duodenal fistula. Vajaradul C, et al. **J Med Assoc Thai** 1984 Oct;67(10):574-9

Hepatic abscess in a patient with polycystic liver disease. A case report. du Toit DF, et al. **S Afr Med J** 1985 Apr 6;67(14):559-60

[A case of septic pulmonary emboli due to Peptostreptococcus associated with liver abscess] Takamatsu K, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):340-6 (Eng. Abstr.) **(Jpn)**

[A case report of cavernous transformation of the portal vein with liver abscess] Imoto M, et al. **Rinsho Hoshasen** 1985 Mar;30(3):419-22 (Eng. Abstr.) **(Jpn)**

[Unusual case of perforation of a liver abscess to the pericardial sac with favorable outcome] Kuźniar J, et al. **Wiad Lek** 1984 Nov 15;37(22):1787-90 (Eng. Abstr.) **(Pol)**

[Surgical treatment of an extensive defect of the duodenal wall due to a subhepatic abscess] Lifshits IuZ, et al. **Klin Khir** 1984 Nov;(11):64 **(Rus)**

[Purulent pericarditis in a patient with an abscess in the left lobe of the liver in the subphrenic area] Kalimanovska D, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):717-23 (Eng. Abstr.) **(Scc)**

[A febrile state due to a liver abscess] Canak G, et al. **Med Pregl** 1984;37(5-6):237-9 (Eng. Abstr.) **(Ser)**

DIAGNOSIS

Amebic liver abscess: a study of 11 cases compared with a series of 38 patients with pyogenic liver abscess. Greenstein AJ, et al. **Am J Gastroenterol** 1985 Jun;80(6):472-8

Pyogenic liver abscess--a neglected diagnosis. Sandford NL, et al. **Aust NZ J Med** 1984 Oct;14(5):597-9

Peritoneoscopy in the diagnosis of liver abscess. Experience with 108 cases during a 10-year period. Hitanant S, et al. **Gastrointest Endosc** 1984 Aug;30(4):234-6

Pyogenic liver abscess: a study of 18 patients. Yokoyama T, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):11-7

A Vietnamese woman with chills and fever. Talcott J. **Hosp Pract [Off]** 1984 Nov;19(11):88JJ, 88OO, 88RR

Sonographic evaluation of hepatic abscesses. Wilson SR, et al. **J Can Assoc Radiol** 1984 Jun;35(2):174-7

[Solitary liver abscesses in chronic brucellosis] Greiner L, et al. **Z Gastroenterol** 1984 Jul;22(7):337-42 (Eng. Abstr.) **(Ger)**

[A case report of solitary tuberculous abscess of the liver] Kobayashi M, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1517-20 (Eng. Abstr.) **(Jpn)**

[Subphrenic, suprahepatic and interintestinal abscesses after cesarean section diagnosed by ultrasonography] Malinowski JE, et al. **Ginekol Pol** 1985 Jan;56(1):13-6 (Eng. Abstr.) **(Pol)**

[Liver abscess diagnosed by ultrasonics] Juszczyk Z, et al. **Wiad Lek** 1985 Apr 15;38(8):589-91 (Eng. Abstr.) **(Pol)**

[Primary actinomycosis of the liver] Kozan' IV, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):142 **(Rus)**

[Liver abscess in a 6-year-old girl] Puzyreva NI, et al. **Pediatriia** 1985 Feb;(2):78 **(Rus)**

DRUG THERAPY

Successful antimicrobial therapy of hepatic, intra-abdominal and intrapelvic abscesses. Ralph ED. **Can Med Assoc J** 1984 Sep 15;131(6):605-7

Oral chloramphenicol therapy for multiple liver abscesses in hyperimmunoglobulinemia E syndrome. Fanconi S, et al. **Eur J Pediatr** 1984 Sep;142(4):292-5

ETIOLOGY

Pyogenic hepatic abscess and diabetes mellitus--a probable association. Chew SK, et al. **Ann Acad Med Singapore** 1985 Apr;14(2):261-5

Bacterial-mycotic liver abscess in a non-immunocompromised host. Niebel J, et al. **Infection** 1984 Jul-Aug;12(4):256-7

Hepatic abscesses associated with Crohn's disease detected by 111Indium leucocyte scanning. Saverymuttu SH, et al. **J Clin Gastroenterol** 1985 Jun;7(3):273-6

[Hepatic abscess in children. Apropos of a case following yersiniosis] Pautard-Muchemble B, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):149-51 (Eng. Abstr.) **(Fre)**

[Multiple liver abscesses--a rare complication of Crohn disease] Schwab A, et al **Chirurg** 1985 Jun;56(6):414-5 **(Ger)**

[Bilemia: diagnosis and conservative treatment. Apropos of a case complicated by hepatic abscess] Briani GF, et al. **Chir Ital** 1983 Dec;35(6):965-71 (Eng. Abstr.) **(Ita)**

[Hepatic abscess caused by Salmonella typhi] Fernández-Harp JA, et al. **Gac Med Mex** 1984 Mar;120(3):129-32 **(Spa)**

[Hepatic abscess, osteomyelitis and monoclonal gammapathy in chronic brucellosis] Collazos González J, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):131-3 **(Spa)**

MICROBIOLOGY

Human rotavirus-like particles in a hepatic abscess. Grunow JE, et al. **J Pediatr** 1985 Jan;106(1):73-6

Medical management of pyogenic liver abscesses [letter] Herbert DA, et al. **Lancet** 1985 Jun 15;1(8442):1384

Tuberculous involvement of a polymicrobial liver abscess. Silverberg LF, et al. **West J Med** 1984 Nov;141(5):682-4

[Gas-containing liver abscess, a case report] Takamatsu K, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):411-7 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

[Biochemical and morphological changes in the body of animals during the dynamic development of experimental abscesses of the liver and subphrenic space] Kryshen' PF, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):62-4 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Hepatic hematoma after blunt trauma--a case of nonoperative management to prevent liver abscess formation. Nakakuma K, et al. **Jpn J Surg** 1984 Jul;14(4):327-30

RADIOGRAPHY

ERCP diagnosis of multiple hepatic abscesses due to portal pylephlebitis. Hall RI, et al. **Br J Surg** 1985 Jun;72(6):439

Specific enhancement of intra-abdominal abscesses with perfluoroctylbromide for CT imaging. Mattrey RF, et al. **Invest Radiol** 1984 Sep-Oct;19(5):438-46

Computed tomographic evaluation of an experimental model for pyogenic liver abscesses. Thompson WM, et al. **Invest Radiol** 1985 Mar-Apr;20(2):152-8

Dynamic CT features of hepatic abscesses. Mathieu D, et al. **Radiology** 1985 Mar;154(3):749-52

[Computed tomography in diagnosis of hepatic abscess] Sui O, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25;44(10):1244-50 (Eng. Abstr.) **(Jpn)**

[Diagnosis of non-neoplastic abdominal tumors in children] Pietroń K, et al. **Ann Univ Mariae Curie Sklodowska [Med]** 1982;37:309-13 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

'Hot' and 'cold' lesions detected by gallium-67 scintigraphy in a pyogenic liver abscess. Shih WJ, et al. **Eur J Nucl Med** 1985;10(3-4):123-4

SURGERY

Percutaneous catheter drainage of solitary pyogenic liver abscess. Van der Spek P, et al. **Acta Clin Belg** 1984;39(6):363-7

Percutaneous drainage of pyogenic liver abscesses. Johnson RD, et al. **AJR** 1985 Mar;144(3):463-7

Intrahepatic pyogenic abscesses: treatment by percutaneous drainage. Gerzof SG, et al. **Am J Surg** 1985 Apr;149(4):487-94 (49 ref.)

Atracurium and severe hepatic disease: a case report. Gyasi HK, et al. **Can Anaesth Soc** J 1985 Mar;32(2):161-4

Hepatic abscess and purulent cholangitis treated via an endoscopic nasobiliary drain. Familiari L, et al. **Gastrointest Endosc** 1985 Apr;31(2):79-81

Percutaneous abscess drainage. Gray R, et al. **Gastrointest Radiol** 1985;10(1):79-84

Hepatobronchial fistula with percutaneous pyogenic abscess drainage of the liver. Nesper M, et al. **Gastrointest Radiol** 1985;10(2):129-31

[Percutaneous ultrasound-controlled drainage of liver abscesses] Egender G, et al. **Chirurg** 1984 Dec;55(12):822-7 (Eng. Abstr.) **(Ger)**

[Liver abscess--conservative versus operative treatment. The surgical viewpoint] Häring R, et al. **Z Gastroenterol [Verh]** 1985 Apr;20:54-7 **(Ger)**

[Actinomycotic liver abscess] Bindel E, et al. **Zentralbl Chir** 1985;110(5):301-4 **(Ger)**

[Role of percutaneous drainage in the treatment of hepatic abscesses] Grosso M, et al. **Minerva Chir** 1985 May 15;40(9):645-8 (Eng. Abstr.) **(Ita)**

[Treatment of patients with bacterial liver abscess] Babenko VF, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):72-5 (Eng. Abstr.) **(Rus)**

[Therapeutic puncture of liver abscesses under echographic control] Shaiimov AA, et al. **Klin Khir** 1984 Sep;(9):1-4 (Eng. Abstr.) **(Rus)**

[Surgical treatment of hepatic abscess] Clerigue Lozano A, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):27-31 (Eng. Abstr.) **(Spa)**

THERAPY

Pyogenic liver abscesses: another look at medical management. McCorkell SJ, et al. **Lancet** 1985 Apr 6;1(8432):803-6

High incidence of sepsis in percutaneous liver abscess drainage. Crass JR. **Minn Med** 1985 Jan;68(1):13-5

[Liver abscess--conservative versus operative treatment. The internist viewpoint] Gyr K. **Z Gastroenterol [Verh]** 1985 Apr;20:49-53 **(Ger)**

[Treatment of pyogenic hepatic abscess. Systemic and local antibiotic therapy during ultrasonically guided percutaneous drainage] Uomo G, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):303-6 (Eng. Abstr.) **(Ita)**

[Pyogenic liver abscess] Kasahara Y, et al. **Nippon Geka Hokan** 1985 Jan 1;54(1):23-30 (Eng. Abstr.) **(Jpn)**

VETERINARY

Vagus indigestion syndrome resulting from a liver abscess in dairy cows. Fubini SL, et al. **J Am Vet Med Assoc** 1985 Jun 15;186(12):1297-300

Elevation in blood sialic acid and mucoprotein levels during hepatic abscess in cattle. Motoi Y, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):341-7

Hepatic abscess formation in cattle inoculated with Fusobacterium necrophorum. Takeuchi S, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):339-44

LIVER ABSCESS, AMEBIC

Ruptured amebic liver abscess. Greaney GC, et al. **Arch Surg** 1985 May;120(5):555-61

Hepatic amebiasis. Knight R. **Semin Liver Dis** 1984 Nov; 4(4):277-92 (91 ref.)

BLOOD

Serum mucoproteins in amoebic liver abscess. Prasad NK. **J Assoc Physicians India** 1984 Jul;32(7):580-2

COMPLICATIONS

Cholestasis in amoebic liver abscess. Nigam P, et al. **Gut** 1985 Feb;26(2):140-5

Persistent pain, fever after a trip to Mexico. Strum WB. **Hosp Pract [Off]** 1984 Oct;19(10):86-7

Obstructive jaundice (a complication of amoebic liver abscess) [letter] Wig JD, et al. **Indian J Gastroenterol** 1984 Jan; 3(1):47

Spontaneous colonic drainage. A rare complication of an amebic liver abscess. Armen RC, et al. **West J Med** 1985 Feb;142(2):253-5

Amebiasis presenting as pleuropulmonary disease. Kubitschek KR, et al. **West J Med** 1985 Feb;142(2):203-7

[Hepatic amebiasis with perforation of the pericardium] Orihuela-Chávez OE, et al. **Bol Med Hosp Infant Mex** 1984 Nov;41(11):626-9 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Amebic liver abscess in children: the role of diagnostic imaging. Merten DF, et al. **AJR** 1984 Dec;143(6):1325-9 (26 ref.)

Hepatocellular carcinoma simulating amebic liver abscess: report of a case and analysis of current diagnostic methods. LeBolt SA, et al. **Am J Gastroenterol** 1985 Aug; 80(8):639-42

Ultrasound imaging in amoebic liver abscess. Ramachandran S, et al. **Ceylon Med J** 1984 Mar;29(1):23-6

Remarks on gastroenterologic diagnostics of amoebic liver abscess, peritoneal tuberculosis and tropical splenomegaly. Schubert S, et al. **Dtsch Z Verdau Stoffwechselkr** 1984; 44(3):130-8

Left lobe amoebic abscess of liver--a distinct clinical entity. Sharma MP, et al. **J Assoc Physicians India** 1984 Jun; 32(6):477-80

Counterimmunoelectrophoresis in the diagnosis of amoebic liver abscess. Turakhia DP, et al. **J Assoc Physicians India** 1984 May;32(5):429-30

Sonographic features of hepatic amebiasis in childhood. Hayden CK Jr, et al. **J Can Assoc Radiol** 1984 Sep; 35(3):279-82

[Hepatic amebiasis: study of 152 cases] Laverdant C, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):838-44 (Eng. Abstr.) **(Fre)**

[Hepatic amebiasis in France. Apropos of 152 case reports] Laverdant C, et al. **Med Trop (Mars)** 1984 Jul-Sep; 44(3):213-24 (Eng. Abstr.) **(Fre)**

[Anatomo-clinical aspects of hepatic amebiasis (letter)] Laverdant C. **Presse Med** 1985 Apr 13;14(15):842-3 **(Fre)**

[A rare form of liver amebic abscess in Abidjan (letter)] Moncany G, et al. **Presse Med** 1984 Dec 1;13(43):2646-7 **(Fre)**

[On a case of autochthonous amebiasis] Lami G, et al. **Boll Ist Sieroter Milan** 1982;61(3):254-7 (Eng. Abstr.) **(Ita)**

[New diagnostic and therapeutic orientations in amebic pseudoabscess of the liver] Gaetini AM, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1721-4 (Eng. Abstr.) **(Ita)**

[Multiple amebic liver abscesses] Powałowska J, et al. **Wiad Lek** 1984 Nov 1;37(21):1700-5 (Eng. Abstr.) **(Pol)**

[Use of counterimmunoelectrophoresis in the diagnosis of amebiasis] Nikitin AF, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):55-7 (Eng. Abstr.) **(Rus)**

[Hepatomegaly, hepatic amebiasis: diagnostic accuracy with echography] Pietri H, et al. **Acta Gastroenterol Latinoam** 1984;14(4):285-7 (Eng. Abstr.) **(Spa)**

[Amebic abscess of the liver] Berenguer J, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):593-5 (Eng. Abstr.) **(Spa)**

[Acquired amebic liver abscess in Vizcaya in a heterosexual patient (letter)] Castilla Cortázar A, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):421 **(Spa)**

[Hepatic amebic abscess] Urrutia A, et al. **Rev Esp Enferm Apar Dig** 1984 Jul;66(1):65-8 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Comparison of tinidazole with metronidazole in the treatment of hepatic amoebiasis: a controlled double blind study. Mendis S, et al. **Ceylon Med J** 1984 Jun;29(2):97-100

Amebic liver abscess: a therapeutic approach. Thompson JE Jr, et al. **Rev Infect Dis** 1985 Mar-Apr;7(2):171-9

ETIOLOGY

The pathology of experimentally induced cecal amebiasis in gerbils (Meriones unguiculatus). Liver changes and amebic liver abscess formation. Chadee K, et al. **Am J Pathol** 1985 Jun;119(3):485-94

Improved method of producing amoebic liver abscesses in hamsters for screening of systemically active amoebicides. Das P, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):85-9

IMMUNOLOGY

Cell-mediated immunity in hepatic amoebiasis. Simjee AE, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):165-8

Proliferative response of splenic lymphocytes in experimental hepatic amoebiasis. Das P, et al. **Trop Gastroenterol** 1984 Jul-Sep;5(3):135-8

Entamoeba histolytica: antibody responses and lymphoreticular changes in gerbils (Meriones unguiculatus) in response to experimental liver abscess and amebic extract infection. Chadee K, et al. **Z Parasitenkd** 1984;70(6):781-95

OCCURRENCE

[Hepatic amebiasis in French Polynesia. 16 cases in 2 years] Gendron Y, et al. **Med Trop (Mars)** 1984 Jul-Sep; 44(3):225-9 (Eng. Abstr.) **(Fre)**

[Hepatic amebiasis: various aspects in Brazzaville] Mpele P, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):55-8 (Eng. Abstr.) **(Fre)**

PARASITOLOGY

Amoebic isoenzymes [letter] Sargeaunt PG, et al. **Lancet** 1985 May 4;1(8436):1050

PATHOLOGY

The pathogenesis of experimentally induced amebic liver abscess in the gerbil (Meriones unguiculatus). Chadee K, et al. **Am J Pathol** 1984 Oct;117(1):71-80

Cellular bases of experimental amebic liver abscess formation. Tsutsumi V, et al. **Am J Pathol** 1984 Oct;117(1):81-91

Histopathology of hepatic amoebiasis in guinea-pigs infected through intracaecal and intramesenteric routes. Gill NJ, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):339-43

PHYSIOPATHOLOGY

Amebic liver abscess: a report of 100 cases. Gupta RK. **Int Surg** 1984 Jul-Sep;69(3):261-4

[Hepatic amebiasis in the child and its functional repercussions] Yañez-Soto JH, et al. **Bol Med Hosp Infant Mex** 1985 Feb;42(2):127-30 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Liver abscess in Dubai. An analysis of 29 cases and an assessment of the value of CAT scan. Siddiqui HJ, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):281-6

RADIONUCLIDE IMAGING

Hepatic amebic abscess masquerading as acute cholecystitis. Lecklitner ML, et al. **Gastrointest Radiol** 1985;10(1):75-8

[Comparative study of scintillation and ultrasonography in the diagnosis of amebic liver abscesses] Aguirre Torres JJ, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):87-90 (Eng. Abstr.) **(Spa)**

SURGERY

Laparoscopic drainage of amebic liver abscess. Salky B, et al. **Gastrointest Endosc** 1985 Feb;31(1):30-2

Amebic liver abscess. Grewal RS. **Int Surg** 1984 Apr-Jun; 69(2):137-9

Intrahepatic amebic abscesses: indications for and results of percutaneous catheter drainage. vanSonnenberg E, et al. **Radiology** 1985 Sep;156(3):631-5

[Omentoplasty of residual cavities of the liver] Askerkhanov RP. **Khirurgiia (Mosk)** 1984 Jul;(7):67-71 (Eng. Abstr.) **(Rus)**

THERAPY

Conservative management of amoebic liver abscess complicated by pericardial extension. A case report. Maharaj B, et al. **S Afr Med J** 1985 Aug 3;68(3):189

LIVER CIRCULATION

see related
HEPATIC ARTERY
HEPATIC VEINS
PORTAL SYSTEM

Acute portal vein stenosis. An experimental study on portal circulation and hepatosplenic function. Rozga J, et al. **Acta Chir Scand** 1985;151(2):125-31

Hepatic oxygenation during arterial hypoxemia in neonatal lambs. Edelstone DI, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):513-8

Relation of the hepatic and splenic microcirculations to the development of lesions in experimental amyloidosis. Schultz RT, et al. **Am J Pathol** 1985 Apr;119(1):127-37

Adenosine as putative regulator of hepatic arterial flow (the buffer response). Lautt WW, et al. **Am J Physiol** 1985 Mar; 248(3 Pt 2):H331-8

Hepatic plasma flow during sodium nitroprusside-induced hypotension in humans. Chauvin M, et al. **Anesthesiology** 1985 Sep;63(3):287-93

Current models of hepatic pharmacokinetics: flow effects on kinetic constants of ethanol elimination in perfused rat liver. Keiding S, et al. **Biochem Pharmacol** 1984 Oct 15; 33(20):3209-12

Segmental and subsegmental resections of the cirrhotic liver under hepatic inflow and outflow occlusion. Nagasue N, et al. **Br J Surg** 1985 Jul;72(7):565-8

Liver necrosis after hepatic dearterialization in pigs. Stridbeck H, et al. **Cardiovasc Intervent Radiol** 1985; 8(1):50-3

Bedside micro-method for measuring effective hepatic blood flow, with use of first-order galactose clearance pharmacokinetics. Rypins EB, et al. **Clin Chem** 1985 Sep; 31(9):1557-9

Hepatic circulation in cirrhosis. Huet PM, et al. **Clin Gastroenterol** 1985 Jan;14(1):155-68

The source of hepatic blood supply influences plasma amino acid patterns. Sankary HN, et al. **Curr Surg** 1985 Jul-Aug; 42(4):304-6

Hepatic blood flow measurement: comparison of indocyanine green and low-dose galactose clearance techniques. Soper NJ, et al. **Curr Surg** 1984 Nov-Dec;41(6):455-7

A modification of the 133Xe inhalation method for the measurement of liver blood flow in man. Ohnhaus EE, et al. **Eur J Nucl Med** 1985;10(3-4):125-8

Hepatic blood flow in rats with portal branch ligation. More N, et al. **Eur Surg Res** 1985;17(3):150-4

Smooth muscle in the hepatic artery, portal vein and hepatic vein within the liver of the raccoon and guinea pig. Yeager VL, et al. **Experientia** 1985 Feb 15;41(2):262-5

Relationships between arteries and bile ducts in Cercopithecus aethiops. Siwek R, et al. **Folia Morphol** 1984; 43(4):355-61

Quantitative measurement of portal blood flow in patients with chronic liver disease using an ultrasonic Duplex system consisting of a pulsed Doppler flowmeter and B-mode electroscanner. Moriyasu F, et al. **Gastroenterol Jpn** 1984 Dec;19(6):529-36

Oxygen supply to the liver in patients with alcoholic liver disease assessed by organ-reflectance spectrophotometry. Hayashi N, et al. **Gastroenterology** 1985 Apr;88(4):881-6

Enterohepatic circulation in the rat. Kuipers F, et al. **Gastroenterology** 1985 Feb;88(2):403-11

Serum bile acids, intrahepatic shunting, and total hepatic blood flow [letter] Poupon RY. **Gastroenterology** 1985 Jan; 88(1 Pt 1):221-2

Unusual portosystemic collateral penetrating the liver parenchyma. Kadoya M, et al. **Gastrointest Radiol** 1985; 10(2):115-8

Correlation between hepatic blood flow and coagulation indices in chronic active hepatitis and liver cirrhosis patients. Violi F, et al. **Haemostasis** 1985;15(3):210-4

Liver blood flow and enzyme induction in man. Ohnhaus EE, et al. **Hepatogastroenterology** 1985 Apr;32(2):61-4

The comparative effect of administration of substances via the hepatic artery or portal vein on hepatic arterial resistance, liver blood volume and hepatic extraction in cats. Lautt WW, et al. **Hepatology** 1984 Sep-Oct; 4(5):927-32

Scintigraphic visualisation of extrahepatic portal circulation in patients with portal hypertension using 99mTc-tin-colloid and 99mTc-HIDA. Al-Hussoni MH, et al. **Int J Nucl Med Biol** 1985;12(1):59-62

Liver ischemia increases the molecular order of microsomal membranes by increasing the cholesterol-to-phospholipid ratio. Petrovich DR, et al. **J Biol Chem** 1984 Nov 10; 259(21):13217-23

Blood flow mapping in the human liver by the xenon/CT method. Gur D, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):447-50

An assessment of the suitability of a modified technique of in situ rat-liver perfusion for the study of certain hepatic drug-drug interactions. Maguire TA, et al. **J Pharmacol Methods** 1984 Dec;12(4):265-83

Failure of an increased dose of ATP-MgCl2 to improve protein synthesis and transmembrane potential in the postischemic liver. Hasselgren PO, et al. **J Surg Res** 1984 Nov;37(5):409-14

Microcirculation velocity changes under hypoxia in brain, muscles, liver, and their physiological significance. Ivanov KP, et al. **Microvasc Res** 1985 Jul;30(1):10-8

Correlation of hepatic blood flow as measured by laser Doppler velocimetry with hepatobiliary transport in trout. Kemp CJ, et al. **Proc West Pharmacol Soc** 1984;27:267

Effect of sixty-minute warm ischaemia on the functional and biochemical indices of viability of the isolated, normothermally perfused rabbit liver. Tilšer I, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(4):471-90

Hepatic artery infusion for metastatic neoplastic disease. Sterchi JM. **Surg Gynecol Obstet** 1985 May;160(5):477-89 (145 ref.)

Role of prostaglandins (PGI2) in improving the survival of ischemically damaged liver allografts. Toledo-Pereyra LH. **Trans Am Soc Artif Intern Organs** 1984;30:390-4

[Liver microcirculation in normal and abnormal states] Chen DX, et al. **Chung Hua I Hsueh Tsa Chih** 1985 Feb; 65(2):119-22 (13 ref.) **(Chi)**

[Effect of epidural block on hepatic blood flow and hepatic function in the dog] Wu XM. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):618-20 (Eng. Abstr.) **(Chi)**

[Marion's calibrated latero-lateral portacaval anastomosis: a truncular shunt maintaining hepatopetal portal blood flow?] Balique JG, et al. **Gastroenterol Clin Biol** 1985 Apr; 9(4):305-11 (Eng. Abstr.) **(Fre)**

[Portal perfusion following Warren shunt] Kunath U, et al. **Langenbecks Arch Chir** 1984;363(2):121-7 (Eng. Abstr.) **(Ger)**

[Spleno-hepatoplasty (experimental research on revascularization of the liver)] Orefice L, et al. **Ann Ital Chir** 1984;56(4):413-22 **(Ita)**

[Enhancement of vascular level in tumors under angiotensin-induced hypertension] Hori K, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1323-30 (Eng. Abstr.) **(Jpn)**

[Experimental study on intrahepatic gas tensions measured by mass spectrometry: effect on temporary occlusion of the afferent hepatic circulation] Iseki J, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):304-18 (Eng. Abstr.) **(Jpn)**

[Hepatic arterial redistribution for hepatic arterial infusion chemotherapy] Kodera K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):985-7 (Eng. Abstr.) **(Jpn)**

[Measurement of the change of the portal blood flow volume after TAE therapy by ultrasonic pulsed Doppler method] Ueno N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):136 **(Jpn)**

[Clinical utility of pulsed Doppler flowmetry in patients with liver cirrhosis] Ohnishi K, et al. **Rinsho Hoshasen** 1984 Dec; 29(13):1489-94 (Eng. Abstr.) **(Jpn)**

[An experimental examination of extra-hepatic metabolism of trichloroethylene in dogs] Hobara T, et al. **Sangyo Igaku** 1984 Jul;26(4):289-95 (Eng. Abstr.) **(Jpn)**

[Use of impedance plethysmography for studying the liver depositing function in an acute experiment] Tsybenko VA, et al. **Fiziol Zh** 1984 Nov-Dec;30(6):756-8 **(Rus)**

[Oxygen tension, blood flow and nitrogen metabolism of the liver in chronic toxic hepatitis and hyperbaric oxygenation] Laskarzhevskaia MA, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):58-61 (Eng. Abstr.) **(Rus)**

[Hepatic circulatory disorders in chronic cholecystitis in children] Sashenkova TP, et al. **Pediatriia** 1984 Oct; (10):18-20 (Eng. Abstr.) **(Rus)**

[Hepatic circulation: anatomical and physiological analysis with reference to its clinical importance] Glasinović JC, et al. **Rev Med Chil** 1984 Oct;112(10):1044-51 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Effects of nadolol treatment on renal and hepatic hemodynamics and function in cirrhotic patients with portal hypertension. Gatta A, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1167-72

Effects of cimetidine and ranitidine on splanchnic hemodynamics in patients with chronic liver disease. Ohnishi K, et al. **Am J Gastroenterol** 1985 Apr;80(4):290-3

Norepinephrine on venous compliance and unstressed volume in cat liver. Greenway CV, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 2):H468-76

Liver circulation and function during isoflurane and halothane anesthesia. Gelman S, et al. **Anesthesiology** 1984 Dec;61(6):726-30

The effect of halothane on drug disposition: contribution of changes in intrinsic drug metabolizing capacity and hepatic blood flow. Reilly CS, et al. **Anesthesiology** 1985 Jul; 63(1):70-6

The influence of captopril, the nitrates and propranolol on apparent liver blood flow. Shepherd AN, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):393-7

Effects of propranolol on hepatic haemodynamics in the cirrhotic and non-cirrhotic rat. Jenkins SA, et al. **Br J Surg** 1985 May;72(5):354-8

Microcirculation of hepatic nodules from diethylnitrosamine-treated rats. Conway JG, et al. **Cancer Res** 1985 Aug;45(8):3620-5

The effect of vasopressin on hepatic artery flow in the rat. Jenkins SA, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):521-6

Effect of propranolol on hepatic blood flow in patients with cirrhosis. Braillon A, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):376-80

Cimetidine and hepatic blood flow in polytrauma patients. Ivatury RR, et al. **Crit Care Med** 1985 May;13(5):436-7

Microcirculatory responses to estradiol benzoate in chronic liver damage induced by carbon tetrachloride in the rat. Ishii K, et al. **Gastroenterol Jpn** 1984 Oct;19(5):419-23

Do beta blockers differ in their effects on hepatic microsomal enzymes and liver blood flow? Parker G, et al. **J Clin Pharmacol** 1984 Nov-Dec;24(11-12):493-9

Influence of E2 and F2 alpha prostaglandins and of hydrocortisone premedication on the effect of adrenaline in the portal bed of isolated perfused rat liver. Macek K, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(2):233-44

Influence of antihistamines on the effect of histamine in the vascular bed of isolated perfused rabbit liver. Martinková J, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(4):435-56

Effect of histamine on the vascular bed of isolated perfused rabbit liver. Martinková J, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(2):245-59

[The effect of H2 receptor blocking agents on the liver circulation] Drapers JA, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1028-30 **(Dut)**

[Effects of injectable flunitrazepam on hepatic and cardiac output in man] Philip F, et al. **Ann Fr Anesth Reanim** 1985; 4(1):14-6 (Eng. Abstr.) **(Fre)**

[Effect of somatostatin on splanchnic hemodynamics in liver cirrhosis] Merkel C, et al. **Minerva Med** 1984 Nov 17; 75(44):2673-8 (Eng. Abstr.) **(Ita)**

[Changes in canine intrahepatic blood flow distribution under inhalational anesthetics] Hasegawa K, et al. **Masui** 1985 May;34(5):619-25 (Eng. Abstr.) **(Jpn)**

[Effects of dopamine, dobutamine and phenylephrine on the hepatic circulation and hepatic metabolism during halothane and non-halothane anesthesia] Matsumoto M, et al. **Masui** 1984 Aug;33(8):837-45 (Eng. Abstr.) **(Jpn)**

[Effects of enflurane and halothane anesthesia on hepatic circulation and hepatic metabolism] Mizukami S, et al. **Masui** 1984 Nov;33(11):1213-7 (Eng. Abstr.) **(Jpn)**

[Effect of ethanol on in vivo hepatic tissue oxygenation and hepatic hemodynamics in rats treated chronically with carbon tetrachloride] Inoue A, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2780-5 (Eng. Abstr.) **(Jpn)**

[Effects of cimetidine on systemic and hepatic hemodynamics] Nakayama T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2000-4 (Eng. Abstr.) **(Jpn)**

[Influence of H2-receptor antagonists to liver blood flow in rat] Yasunaga M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1348-53 (Eng. Abstr.) **(Jpn)**

[Intrahepatic circulatory function in chronic opisthorchiasis of children and changes in intrahepatic blood flow during chloxyl treatment] Kashuba EA, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):16-20 (Eng. Abstr.) **(Rus)**

[Characteristics of the action of strophanthin on central hemodynamics, pulmonary and intrahepatic blood circulation and myocardial contraction] Zavolovskaia LI. **Ter Arkh** 1985;57(3):115-7 (Eng. Abstr.) **(Rus)**

[Effect of electrophoresis of atropine, ganglerone, papaverine and magnesium sulfate on liver hemodynamics studied by rheography] Afanas'ev AV, et al. **Vrach Delo** 1985 Feb; (2):32-4 (Eng. Abstr.) **(Rus)**

[Determination of hepatic blood flow in chronic liver diseases using the constant infusion technic] Vorobioff J, et al. **Acta Gastroenterol Latinoam** 1984;14(3):229-34 (Eng. Abstr.) **(Spa)**

LIVER CIRRHOSIS

Effect of propranolol on hepatic blood flow in patients with cirrhosis. Braillon A, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):376-80

Male predominance in Indian childhood cirrhosis (ICC) [letter] Sharda B. **Indian J Pediatr** 1984 Nov-Dec; 51(413):755

BLOOD

Blood granulocyte-macrophage progenitor cell concentrations and differentiation in vitro in patients with hepatic cirrhosis. Ponassi A, et al. **Acta Haematol (Basel)** 1984;72(6):388-94

The pharmacokinetics of H2 receptor blocking agents in compensated liver cirrhosis. Okolicsanyi L, et al. **Acta Physiol Hung** 1984;64(3-4):393-400

Marked prolongation in disappearance half-time of plasma cholecystokinin-octapeptide in patients with hepatic cirrhosis. Kanayama S, et al. **Am J Gastroenterol** 1985 Jul; 80(7):557-60

Endogenous digoxin-like material in patients with liver disease [letter] Shilo L, et al. **Ann Intern Med** 1985 Oct; 103(4):643

Decreased alpha 1-acid glycoprotein in liver cirrhosis: consequences for drug protein binding [letter] Barre J, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):652-3

Serum amino acid levels in patients with hepatocellular carcinoma. Watanabe A, et al. **Cancer** 1984 Nov 1; 54(9):1875-82

Elevated plasma norepinephrine concentrations in decompensated cirrhosis. Association with increased secretion rates, normal clearance rates, and suppressibility by central blood volume expansion. Nicholls KM, et al. **Circ Res** 1985 Mar;56(3):457-61

Type III procollagen peptide and PZ-peptidase serum levels in pre-cirrhotic liver diseases. Morelli A, et al. **Clin Chim Acta** 1985 May 30;148(2):87-95

Insulin resistance in cirrhosis: evidence for a post-receptor defect. Proietto J, et al. **Clin Endocrinol (Oxf)** 1984 Dec; 21(6):677-88

Hyperinsulinaemia and insulin resistance of cirrhosis: the importance of insulin hypersecretion. Proietto J, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):657-65

Hyperproinsulinaemia in cirrhosis [letter] Kasperska-Czyzykowa T, et al. **Diabetologia** 1985 Jan; 28(1):59

Interrelation between plasma amino acid composition and growth hormone secretion in patients with liver cirrhosis. Naomi S, et al. **Endocrinol Jpn** 1984 Oct;31(5):557-64

Elevated plasma ammonia level in hepatic cirrhosis: role of glucagon. Kabadi UM, et al. **Gastroenterology** 1985 Mar; 88(3):750-6

Serum levels of estrogens and testosterone in cirrhotic men with and without hepatocellular carcinoma. Nagasue N, et al. **Gastroenterology** 1985 Mar;88(3):768-72

Hyperasialoglycoproteinemia in patients with chronic liver diseases and/or liver cell carcinoma. Asialoglycoprotein receptor in cirrhosis and liver cell carcinoma. Sawamura T, et al. **Gastroenterology** 1984 Dec;87(6):1217-21

Decreased superoxide (O2-)-generating activity of blood monocytes from patients with hepatic cirrhosis. Nakagawara A, et al. **Hepatogastroenterology** 1984 Oct; 31(5):201-3

Hypercarnitinemia in cirrhosis [letter] D'Arienzo A, et al. **Hepatology** 1985 Mar-Apr;5(2):343

A randomized comparison of metoclopramide and domperidone on plasma aldosterone concentration and on spironolactone-induced diuresis in ascitic cirrhotic patients. D'Arienzo A, et al. **Hepatology** 1985 Sep-Oct;5(5):854-7

Prognostic value of thyroid hormone levels in patients evaluated for liver transplantation. Van Thiel DH, et al. **Hepatology** 1985 Sep-Oct;5(5):862-6

Effect of pyridoxine alpha-ketoglutarate (PAK) on ammonia and pyruvic and lactic acid blood levels in patients with cirrhosis. Salerno F, et al. **Int J Clin Pharmacol Res** 1983; 3(1):21-5

alpha 2-Plasmin inhibitor metabolism in patients with liver cirrhosis. Knot EA, et al. **J Lab Clin Med** 1985 Mar; 105(3):353-8

Pancreatic beta-cell function in cirrhotic patients with and without overt diabetes. C-peptide response to glucagon and to meal. Marchesini G, et al. **Metabolism** 1985 Aug; 34(8):695-701

Lack of increase in insulin resistance after portosystemic surgical shunt in patients with cirrhosis [letter] Cavailo-Perin P, et al. **N Engl J Med** 1985 Jun 27; 312(26):1709-10

Vitamin-D binding protein levels in liver cirrhosis, chronic hepatitis, and rheumatoid arthritis. Kawai N, et al. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):797-803

Abnormal polyunsaturated fatty acid patterns of serum lipids in alcoholism and cirrhosis: arachidonic acid deficiency in cirrhosis. Johnson SB, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1815-8

Platelet thromboxane production in liver cirrhosis. Davi G, et al. **Prostaglandins Leukotrienes Med** 1985 Jul; 19(1):99-104

Amino acid clearance and prognosis in surgical patients with cirrhosis. Clowes GH Jr, et al. **Surgery** 1984 Oct; 96(4):675-85

Serum alpha-fetoprotein in nonneoplastic liver diseases. Chang FY, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug; 83(8):765-72

alpha 2 Antiplasmin and disseminated intravascular coagulation in liver cirrhosis. Marongiu F, et al. **Thromb Res** 1985 Jan 15;37(2):287-94

Some red blood cell abnormalities in patients with liver cirrhosis and ascites. I. Red blood cell sodium, potassium and water content. Afifi F. **Tohoku J Exp Med** 1985 Jan; 145(1):7-14

Clinical significance of serum alpha-fetoprotein in patients with liver cirrhosis. Furukawa R, et al. **Tumour Biol** 1984; 5(6):327-38

Placental protein 12 (PP12) in primary liver cancer and cirrhosis. Rutanen EM, et al. **Tumour Biol** 1984;5(2):95-102

[The relation between blood rheology and the differential diagnosis of chronic hepatitis and liver cirrhosis in Chinese medicine] Wang QM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):528-32 **(Chi)**

[Basal serum prolactin in liver cirrhosis and its clinical significance] Dang ZD, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):153-4, 190 (Eng. Abstr.) **(Chi)**

[Importance of disorders of primary hemostasis in the occurrence of upper digestive hemorrhage in cirrhosis] Audhuy B, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):177-82 (Eng. Abstr.) **(Fre)**

[Serum gastrin in patients with nonalcoholic liver cirrhosis] Mosca S, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):207-9 (Eng. Abstr.) **(Fre)**

[Granulopoiesis in the alcoholic and cirrhotic patient. Exploration of neutropenia in cirrhosis using bone marrow cultures and a hydrocortisone test] Casassus P, et al. **Ann Med Interne (Paris)** 1985;136(3):213-5 (Eng. Abstr.) **(Fre)**

[Serum concentrations of tissue polypeptide antigen and alpha 1-fetoprotein in patients with primary liver cancer, liver metastasis and liver cirrhosis] Polterauer P, et al. **Wien Klin Wochenschr** 1985 Apr 26;97(9):417-20 (Eng. Abstr.) **(Ger)**

[Plasma amino acids in patients with liver cirrhosis treated with lactulose] Giardina MG, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2309-16 (Eng. Abstr.) **(Ita)**

[Behavior of thyroid hormones and TSH in chronic active hepatitis] Licata G, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1863-9 (Eng. Abstr.) **(Ita)**

[Changes in the erythrocyte in liver cirrhosis: role of cholesterol and plasma phospholipids] Stufano N, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):137-43 (Eng. Abstr.) **(Ita)**

[2-3 diphosphoglycerate and tissue oxygenation in the cirrhotic] Vendemiale G, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):107-12 (Eng. Abstr.) **(Ita)**

[Curve of plasma disappearance of bromosulfophthalein after a single injection. Control of cirrhosis patients after elective portosystemic derivation] Zotti S, et al. **Minerva Chir** 1984

Jun 15;39(11):887-96 (Eng. Abstr.) **(Ita)**

[Serum gastrin, basal and after stimulation, in patients with liver cirrhosis or duodenal ulcer] Mosca S, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):367-71 (Eng. Abstr.) **(Ita)**

[Serum haptoglobin levels in healthy and diseased individuals] Morita K, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):177-82 (Eng. Abstr.) **(Jpn)**

[Serum level of procollagen-type III-N prepeptide in primary biliary cirrhosis] Saitoh K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2063 **(Jpn)**

[Hypergastrinemia in liver cirrhosis, renal failure and conditions after small-intestinal resection as a pathogenetic factor in peptic ulcer] Hrynkiewicz Z. **Wiad Lek** 1984 Apr 15;37(8):625-30 (35 ref.) (Eng. Abstr.) **(Pol)**

[Serum cholesterol ester level in patients with ischemic heart disease and liver disease] Odushko NP, et al. **Kardiologiia** 1984 Oct;24(10):90-3 (Eng. Abstr.) **(Rus)**

[Estrogen content of the blood of men with chronic hepatitis and liver cirrhosis in various phases of the disease] Zhukov SA, et al. **Voen Med Zh** 1984 Oct;(10):32-4 **(Rus)**

[Transient minor fractions of human serum albumin: physico-chemical properties] Azhitskiĭ GIu, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):50-5 (Eng. Abstr.) **(Rus)**

[Blood content of testosterone, progesterone and aldosterone in patients with chronic hepatitis and liver cirrhosis] Rosin IuA. **Vrach Delo** 1984 Sep;(9):36-8 (Eng. Abstr.) **(Rus)**

[Prolactin and estradiol levels in the plasma of patients with hepatic cirrhosis] Conde Yagüe R, et al. **Rev Clin Esp** 1985 Jan;176(1):13-7 (Eng. Abstr.) **(Spa)**

[The ratio of prothrombin time multiplied by 100 divided by the gamma globulin level in the prognosis of liver cirrhosis] González Reimers E, et al. **Rev Esp Enferm Apar Dig** 1984 Nov;66(5):458-9 **(Spa)**

CHEMICALLY INDUCED

Structural and functional impairment of mitochondria from rat livers chronically injured by thioacetamide. Möller B, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug; 55(2):126-32

Amiodarone and the liver [letter] Tordjman K, et al. **Ann Intern Med** 1985 Mar;102(3):411-2

Lysosomal enzymes in plasma, liver and spleen from rats with carbon tetrachloride-induced liver cirrhosis. Melén K, et al. **Enzyme** 1985;33(2):84-8

Indian childhood cirrhosis (ICC) recent observations. Sharda B, et al. **Indian Pediatr** 1984 Jul;21(7):569-73

Drinking water as a source of copper [letter] Tomar BS, et al. **Indian Pediatr** 1984 Jul;21(7):581-2

[2 cases of cirrhosis in patients treated with amiodarone (letter)] Babany G, et al. **Gastroenterol Clin Biol** 1985 Mar; 9(3):276 **(Fre)**

[Acute liver necrosis caused by valproate] Zäh W, et al. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):956-9 (Eng. Abstr.) **(Ger)**

[Changes in lipid metabolism which accompany thioacetamide-induced cirrhosis] Palacios E, et al. **Rev Esp Oncol** 1982;29(3):505-10 (Eng. Abstr.) **(Spa)**

[Cirrhosis caused by thorotrast: apropos of a case] Zozaya JM, et al. **Rev Med Univ Navarra** 1984 Sep;28(3):31-3 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

[Supportive therapy of the hemorrhagic cirrhotic patient. A new classification system (University of Turin Cirrhotic Rating Scale)] Enrichens F, et al. **Minerva Chir** 1984 Sep 30;39(18):1229-36 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Cystic dysplastic kidneys associated with Dandy-Walker malformation and congenital hepatic fibrosis. Report of two cases. Kudo M, et al. **Am J Clin Pathol** 1985 Oct; 84(4):459-63

Alpha-fetoprotein in hepatitis superimposed on cirrhosis: a case of concomitant hepatitis B surface antigen and antibody associated with a major but transient increase in the alpha-fetoprotein level. Bergmann JF, et al. **Am J Gastroenterol** 1985 Oct;80(10):810-2

Esophageal transection fails to salvage high-risk cirrhotic patients with variceal bleeding. Durtschi MB, et al. **Am J Surg** 1985 Jul;150(1):18-23

Theoretical and practical considerations in the treatment of portal hypertension secondary to hepatic cirrhosis. Bizer LS. **Am Surg** 1984 Oct;50(10):524-9 (77 ref.)

Portal pressure and collaterals in cirrhotic patients. Kallio H. **Ann Chir Gynaecol** 1984;73(6):308-12

Cirrhosis and alcoholism as pathogenetic factors in pigment gallstone formation. Schwesinger WH, et al. **Ann Surg** 1985 Mar;201(3):319-22

Cholecystectomy in patients with cirrhosis. A surgical challenge. Bloch RS, et al. **Arch Surg** 1985 Jun; 120(6):669-72

Complications of cirrhosis of liver in some hospitalised population. Khan M, et al. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):28-32

Ultrasonographic and radionuclide detection of hepatocellular carcinoma in cirrhotics with low alpha-fetoprotein levels. Maringhini A, et al. **Cancer** 1984 Dec 15;54(12):2924-6

Hepatocellular pseudotumor in the cirrhotic liver. Report of three cases. Nagasue N, et al. **Cancer** 1984 Dec 1; 54(11):2487-94

Long-term survival of patients with hepatocellular carcinoma combined with liver cirrhosis. Report of two patients. Tsuzuki T, et al. **Cancer** 1985 Jun 15;55(12):2835-8

Laboratory assessment of coagulation disorders in liver disease. Rock WA Jr. **Clin Lab Med** 1984 Jun;4(2):419-42 (133 ref.)

Incidence of portal vein thrombosis in liver cirrhosis. An angiographic study in 708 patients. Okuda K, et al. **Gastroenterology** 1985 Aug;89(2):279-86

Benefit of transcatheter arterial embolization for ruptured hepatocellular carcinoma complicating liver cirrhosis. Sato Y, et al. **Gastroenterology** 1985 Jul;89(1):157-9

Renal function impairment induced by change in posture in patients with cirrhosis and ascites. Bernardi M, et al. **Gut** 1985 Jun;26(6):629-35

B1 selective adrenoreceptor blockade for the long term management of variceal bleeding. A prospective randomised trial to compare oral metoprolol with injection sclerotherapy in cirrhosis. Westaby D, et al. **Gut** 1985 Apr; 26(4):421-5

Clinical significance of accelerated fibrinolysis in liver disease. Francis RB Jr, et al. **Haemostasis** 1984;14(6):460-5

Cefotaxime is more effective than is ampicillin-tobramycin in cirrhotics with severe infections. Felisart J, et al. **Hepatology** 1985 May-Jun;5(3):457-62

Presinusoidal portal hypertension in non-alcoholic cirrhosis. Pomier-Layrargues G, et al. **Hepatology** 1985 May-Jun; 5(3):415-8

Oral, nonabsorbable antibiotics prevent infection in cirrhotics with gastrointestinal hemorrhage. Rimola A, et al. **Hepatology** 1985 May-Jun;5(3):463-7

Efficacy of TPN in cirrhotic patients with bleeding esophageal varices . De Antoni E, et al. **Ital J Surg Sci** 1984;14(3):253-5

Evidence for the presence of fatty acid methyl esters in human hepatoma tissue from a patient with hypercholesterolemia. Yoshida S, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):314-8

Spontaneous chylous ascites of cirrhosis. Rector WG Jr. **J Clin Gastroenterol** 1984 Aug;6(4):369-72

Cirrhosis and liver cancer [letter] Arrigoni A, et al. **Lancet** 1985 Aug 3;2(8449):277

Risk factors in development of liver carcinoma in cirrhosis [letter] Bjørneboe M. **Lancet** 1985 Sep 14;2(8455):611-2

Propranolol and cirrhosis [letter] Hayes PC, et al. **Lancet** 1985 Jul 20;2(8447):155

Risk factors for hepatocellular carcinoma [letter] Lai CL, et al. **Lancet** 1985 Sep 7;2(8454):552-3

Paracentesis versus diuretics in the treatment of cirrhotics with tense ascites. Quintero E, et al. **Lancet** 1985 Mar 16; 1(8429):611-2

Risk factors in development of liver carcinoma in cirrhotics [letter] Viola LA, et al. **Lancet** 1985 Aug 3;2(8449):277

Risk factors and hepatocellular cancer [letter] Yu MC, et al. **Lancet** 1985 Aug 10;2(8450):329-30

Risk factors in development of hepatocellular carcinoma in cirrhosis: prospective study of 613 patients. Zaman SN, et al. **Lancet** 1985 Jun 15;1(8442):1357-60

Endoscopic sclerotherapy versus portacaval shunt in patients with severe cirrhosis and variceal hemorrhage. Cello JP, et al. **N Engl J Med** 1984 Dec 20;311(25):1589-94

Renal involvement in a syndrome of vasculitis complicating HBsAg negative cirrhosis of the liver. Montoliu J, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:677-82

Hepatocellular carcinoma in the non-cirrhotic liver: a comparison with that complicating cirrhosis. Melia WM, et al. **Q J Med** 1984 Summer;53(211):391-400

Spontaneous bacterial pleuritis in a patient with cirrhosis. Streifler J, et al. **Respiration** 1984;46(4):382-5

Long-term sclerotherapy of bleeding esophageal varices in patients with liver cirrhosis. An evaluation of mortality and rebleeding risk factors. Sauerbruch T, et al. **Scand J Gastroenterol** 1985 Jan;20(1):51-8

Massive hydrothorax complicating occult cirrhosis. Nolop KB. **South Med J** 1985 Feb;78(2):214-5

Hepatic glomerulosclerosis with IgA deposition. Report of three cases. Suga T, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):317-24

[Case report on the surgical treatment of portal hypertension in liver cirrhosis] Deredzhian A, et al. **Khirurgiia (Sofiia)** 1985;38(2):70-1 **(Bul)**

[Place of echography in the differential diagnosis of portal hypertension in cirrhosis and other diseases of the liver] Brailski Kh, et al. **Vutr Boles** 1984;23(5):34-42 **(Bul)**

[Multiple gangrene of the digits in a female patient with liver cirrhosis, diabetes mellitus and cryoglobulinemia] Lazarov G, et al. **Vutr Boles** 1985;24(2):97-101 (Eng. Abstr.) **(Bul)**

[Cirrhosis and IgA nephropathy. An unusual clinical presentation and review of the literature] Van Gossum M, et al. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):484-9 (Eng. Abstr.) **(Fre)**

[Treatment of inguinal hernia without opening the peritoneum in ascitic cirrhosis] Yandza T, et al. **Ann Chir** 1985 Jun;39(5):315-6 (Eng. Abstr.) **(Fre)**

[Treatment of acute and chronic hepatic encephalopathy in cirrhosis] Doffoel M, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):163-6 **(Fre)**

[Hepatocellular carcinoma with cirrhosis: treatment with doxorubicin. Phase II evaluntion] Barbare JC, et al. **Bull Cancer (Paris)** 1984;71(5):442-5 (Eng. Abstr.) **(Fre)**

[Resuscitation of hemorrhagic shock in cirrhotics taking propranolol (letter)] Cales P, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):186-7 **(Fre)**

[Urinary prostaglandins in the hepatorenal syndrome of cirrhotic patients: role of thromboxane A2 and an imbalance of precursor polyunsaturated fatty acids] Parelon G, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):290-7 (Eng. Abstr.) **(Fre)**

[Isolated gastric or duodenal varices] Gertsch P, et al. **Schweiz Rundsch Med Prax** 1984 Sep 18;73(38):1147-8 (Eng. Abstr.) **(Fre)**

[Peroperative coagulation disorders in the cirrhotic patient and during partial hepatectomies] Thuot C, et al. **Union Med Can** 1984 Jun;113(6):465-8 (Eng. Abstr.) **(Fre)**

[Sclerosing therapy after initial esophageal varix hemorrhage in liver cirrhosis] Brunner G. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):610 **(Ger)**

[Incidence and significance of bleeding from gastric varices in liver cirrhosis ,its diagnostic and therapeutic relevance] Kalk JF, et al. **Schweiz Rundsch Med Prax** 1984 Sep 18; 73(38):1149-50 (Eng. Abstr.) **(Ger)**

[Thyrostatic therapy in patients with liver cirrhosis] Rink C, et al. **Z Gesamte Inn Med** 1985 May 15;40(10):300-2 (Eng. Abstr.) **(Ger)**

[Portal hypertension of non-cirrhotic origin] Kádas I. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):179-88 (Eng. Abstr.) **(Hun)**

[Cryoglobulinemia, hemorrhagic vasculitis skin changes in hepatopathy] Galeone A. **Ann Osp Maria Vittoria Torino** 1983 Jul-Dec; 26(7-12):209-34 (Eng. Abstr.) **(Ita)**

[Relation between changes in lipid metabolism and macrocytic anemia in chronic liver disease. Evaluation of therapy with a membranotropic drug] De Martiis M, et al. **Clin Ter** 1984 Oct 31;111(2):135-9 (Eng. Abstr.) **(Ita)**

[Hepatorenal syndrome. Clinical and pathogenetic aspects and therapeutic approach] Marmo R, et al. **Clin Ter** 1984 Dec 15;111(5):443-9 (50 ref.) (Eng. Abstr.) **(Ita)**

[Observations on a case of liver cirrhosis in its terminal phase] Migneco G, et al. **Clin Ter** 1984 Sep 30;110(6):587-9 (Eng. Abstr.) **(Ita)**

[Erosive lichen planus: a sign of chronic cirrhogenic hepatopathy] Rebora A, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):1-3 (Eng. Abstr.) **(Ita)**

[Immunoblastic lymphoma and liver cirrhosis (letter)] Cirasino L, et al. **Haematologica (Pavia)** 1985 Jan-Feb; 70(1):87-8 **(Ita)**

[Primary bacterial peritonitis in ascitic cirrhosis patients] Bertoncini M, et al. **Minerva Chir** 1985 May 31;40(10):743-6 (Eng. Abstr.) **(Ita)**

[Therapeutic effect of pirenzepine in chronic superficial gastritis in patients with portal hypertension and liver cirrhosis] Caletti GC, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):253-7 (Eng. Abstr.) **(Ita)**

[Concentration-reinfusion methods in intractable ascites caused by liver cirrhosis. Importance of monitoring plasma renin activity and urinary sodium] D'Amore V, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):317-21 (Eng. Abstr.) **(Ita)**

[Use of canrenoate potassium given orally in ascitogenic cirrhosis] Sarti F, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):273-80 (Eng. Abstr.) **(Ita)**

[Effect of spironolactone and K-canrenoate in ascitic cirrhosis. Double-blind study] Tempini S, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):255-61 (Eng. Abstr.) **(Ita)**

[Role of oral administration of 1-hexyl-carbamoyl-5-fluorouracil (HCFU) for multimodal treatment of inoperable cirrhotics with hepatocellular carcinoma] Akiharu W, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2506-12 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary hypertension associated with liver cirrhosis and hepatoma] Miyamori R, et al. **Kokyu To Junkan** 1985 Jan;33(1):93-9 (Eng. Abstr.) **(Jpn)**

[Preoperative glucagon-insulin therapy on the patient with hepatic failure secondary to combined valvular disease] Kumagae T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):732-5 (Eng. Abstr.) **(Jpn)**

[A case of membranous obstruction of inferior vena cava at the hepatic associated with hepatocellular carcinoma and liver cirrhosis] Hayakawa N, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):350-6 (Eng. Abstr.) **(Jpn)**

[Nutritional management of patients with cirrhosis after hepatectomy] Usui S, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):985-9 (Eng. Abstr.) **(Jpn)**

[A case with immunoblastic lymphadenopathy (IBL) like T-cell lymphoma accompanied by hepatic cirrhosis] Ohta H, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):70-5 **(Jpn)**

[Chylous ascites secondary to liver cirrhosis, with special reference to lymphangiography and lipoprotein analysis of chylous ascites] Sakurai H, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):40-7 **(Jpn)**

[Indication of transcatheter arterial embolization in hepatocellular carcinoma with liver cirrhosis evaluated from the liver function tests] Nakao N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1995-9 (Eng. Abstr.) **(Jpn)**

[Cryoglobulinemia in chronic liver diseases] Hartleb M, et al. **Pol Tyg Lek** 1984 Nov 19;39(47):1553-4 **(Pol)**

[Pulmonary arterial hypertension in chronic hepatopathy] Zăgreanu I, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):131-8 (Eng. Abstr.) **(Rum)**

[Fever in the patient with hepatic cirrhosis: 6-month prospective study] Andreu García M, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):433-6 (Eng. Abstr.) **(Spa)**

[Visual evoked potentials in hepatic encephalopathy] Casellas F, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):139-42 (Eng. Abstr.) **(Spa)**

[Vasculitis caused by hypersensitivity in HBsAG-negative liver cirrhosis] Grau Junyent JM, et al. **Med Clin (Barc)** 1985 Jan 12;84(1):12-4 (Eng. Abstr.) **(Spa)**

[Lactic acid in the ascitic fluid of patients with liver cirrhosis] Obrador Adrover A, et al. **Med Clin (Barc)** 1984 Jun 16; 83(3):97-100 (Eng. Abstr.) **(Spa)**

[Leukocytoclastic vasculitis in liver cirrhosis (letter)] Pelegrí A, et al. **Med Clin (Barc)** 1985 May 25;84(20):842-3 **(Spa)**

[Chylous ascites in the adult] Vidal Marsal F, et al. **Rev Clin Esp** 1985 Jun;177(1):31-4 (Eng. Abstr.) **(Spa)**

[Effects of propranolol in the patient with liver cirrhosis and hemorrhage caused by esophageal varices] Esquivel López A, et al. **Rev Gastroenterol Mex** 1984 Oct-Dec;49(4):211-4 (Eng. Abstr.) **(Spa)**

[Bacterial peritonitis in 29 cirrhotic patients] Marín P, et al. **Rev Med Chil** 1984 Oct;112(10):982-8 (Eng. Abstr.) **(Spa)**

CONGENITAL

[Cholangiodysplastic pseudocirrhosis] Behrens R, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):398-401 (Eng. Abstr.) **(Ger)**

[Rare association of cystic dysplasia of the kidney and pancreas with congenital hepatic fibrosis] Luzi P, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):175-83 (Eng. Abstr.) **(Ita)**

[Clinical picture and diagnosis of fibrocholangiocystosis in children] Chistova LV, et al. **Pediatriia** 1985 Mar;(3):46-9 **(Rus)**

DIAGNOSIS

Diagnostic value of erythrocyte-free polyamines and histaminemia in malignant hepatic tumors and in liver cirrhosis. Moulinoux JP, et al. **Clin Chim Acta** 1985 Jan 15;145(1):77-87

[14C]Aminopyrine breath analysis and conventional biochemical tests as predictors of survival in cirrhosis. Henry DA, et al. **Dig Dis Sci** 1985 Sep;30(9):813-8

The natural history of non-alcoholic cirrhosis. Hashizume M, et al. **Gastroenterol Jpn** 1984 Oct;19(5):430-5

Serum bilirubins in hepatobiliary disease: comparison with other liver function tests and changes in the postobstructive period. Van Hootegem P, et al. **Hepatology** 1985 Jan-Feb; 5(1):112-7

Hepatitis B virus serological markers in Africans with liver cirrhosis and hepatocellular carcinoma. Coursaget P, et al. **IARC Sci Publ** 1984;(63):181-98

Clinical differentiation between portal vein thrombosis (PVT), non-cirrhotic portal fibrosis (NCPF) and cirrhosis by discriminant analysis. Koshy A, et al. **Indian J Gastroenterol** 1984 Oct;3(4):197-8

Clinical and investigative discrimination between portal vein thrombosis, non-cirrhotic portal fibrosis and cirrhosis. Koshy A, et al. **Indian J Gastroenterol** 1984 Oct;3(4):201-2

Study of renal function in the different stages of schistosomal hepatic fibrosis. Mahmoud BL, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):583-91

Radiologic evaluation of the portal system by the newer modalities of computed tomography and ultrasound. Ruzicka FF. **Mt Sinai J Med (NY)** 1984 Jul-Aug; 51(4):516-27

Lack of correlation between the laboratory findings and a series of steps in the clinical severity of chronic liver disease. Cozzolino G, et al. **Ric Clin Lab** 1984 Oct-Dec; 14(4):641-8

[Social medical assessment of liver cirrhosis] Rosemeyer D, et al. **Off Gesundheitswes** 1985 Jun;47(6):248-53 **(Ger)**

[Diagnostic efficacy of computed tomography and radionuclide imaging on detecting SOL of liver disease and liver cirrhosis] Tatsuno I, et al. **Rinsho Hoshasen** 1984 Jul;29(7):767-70 (Eng. Abstr.) **(Jpn)**

[Diagnostic value of the antabuse test in liver cirrhosis] Lutz W, et al. **Pol Tyg Lek** 1984 Nov 19;39(47):1531-3 (Eng. Abstr.) **(Pol)**

[Surgical risk to chronic liver patients] Fluture V, et al. **Rev Chir [Chir]** 1983 May-Jun;32(3):185-98 (Eng. Abstr.) **(Rum)**

[Cardiac cirrhosis of the liver] Loginov AS, et al. **Kardiologiia** 1984 Sep;24(9):111-3 (Eng. Abstr.) **(Rus)**

[Diagnosis and differential diagnosis of chronic hepatitis and liver cirrhosis] Bliuger AF, et al. **Klin Med (Mosk)** 1985 Feb;63(2):134-40 **(Rus)**

[Mathematical method of determining the indicators of blood coagulation and fibrinolysis in the diagnosis of acute liver necrosis in hepatitis B] Zhitar' VD, et al. **Klin Med (Mosk)** 1984 Oct;62(10):102-6 (Eng. Abstr.) **(Rus)**

[Complex clinico-instrumental diagnosis of diffuse liver diseases] Kudinova NA. **Ter Arkh** 1984;56(12):83-8 (Eng. Abstr.) **(Rus)**

[Diagnostic possibilities of thermographic examination in liver diseases] Turianina SM, et al. **Vrach Delo** 1985 Jun; (6):59-61 **(Rus)**

[Autoantibodies and viral markers of hepatitis in 163 patients with acute and chronic hepatic diseases] Sepúlveda C, et al. **Rev Med Chil** 1984 Jul;112(7):681-4 (Eng. Abstr.) **(Spa)**

DIET THERAPY

A vegetable protein-rich diet for the treatment of liver cirrhosis. Okita M, et al. **Acta Med Okayama** 1985 Feb; 39(1):59-65

Food fallacy in cirrhosis. Nizami F, et al. **JPMA** 1985 May; 35(5):144-7

[Controlled protein administration diet and the prevention of hepatic encephalopathy] Strata A, et al. **Minerva Dietol Gastroenterol** 1984 Jul-Sep;30(3):245-50 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Effects of nadolol treatment on renal and hepatic hemodynamics and function in cirrhotic patients with portal hypertension. Gatta A, et al. **Am Heart J** 1984 Oct; 108(4 Pt 2):1167-72

Importance of plasma aldosterone concentration on the natriuretic effect of spironolactone in patients with liver cirrhosis and ascites. Bernardi M, et al. **Digestion** 1985; 31(4):189-93

Diuretic treatment and renin-aldosterone axis in liver cirrhosis [letter] Bernardi M, et al. **Gastroenterology** 1984 Dec;87(6):1405

A therapeutic index that predicts the individual effects of prednisone in patients with cirrhosis. Christensen E, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):156-65

Immunosuppressive treatment of HBsAg-positive chronic liver disease: significance of HBeAg. Tage-Jensen U, et al. **Hepatology** 1985 Jan-Feb;5(1):47-9

D-penicillamine in the treatment of Indian childhood cirrhosis--a preliminary report. Tomar BS, et al. **Indian J Pediatr** 1983 Nov-Dec;50(407):613-8

Effect of cimetidine on the hepatic extraction of indocyanine green, the portal pressure and the systemic circulation in patients with cirrhosis of the liver. Herz R, et al. **Klin Wochenschr** 1984 Aug 16;62(16):759-64

Beta-adrenergic blockers in cirrhosis [editorial] **Lancet** 1985 Jun 15;1(8442):1372-3

Steroid treatment lowers hepatic fibroplasia, as explored by serum aminoterminal procollagen III peptide, in chronic liver disease. Ballardini G, et al. **Liver** 1984 Dec;4(6):348-52

Effect of long-term administration of paromomycin sulfate on the level of serum albumin and gamma-globulin in human cirrhosis. Tarao K, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):349-57

Comparative pharmacodynamics of furosemide and muzolimine in cirrhosis. Study on renal sodium and potassium handling and renin-aldosterone axis. Bernardi M, et al. **Z Kardiol** 1985;74 Suppl 2:129-34

[Indications for drug therapy of chronic active hepatitis and posthepatitis liver cirrhosis] Strohmeyer G, et al. **Dtsch Med Wochenschr** 1985 Jan 18;110(3):104-5 **(Ger)**

[Effect of somatostatin on splanchnic hemodynamics in liver cirrhosis] Merkel C, et al. **Minerva Med** 1984 Nov 17; 75(44):2673-8 (Eng. Abstr.) **(Ita)**

[Enzyme activity and dynamics of blood levels of microelements during the complex treatment of chronic liver diseases] Neĭko VE. **Vrach Delo** 1985 Jun;(6):61-3 **(Rus)**

ENZYMOLOGY

Relationship of glucose intolerance and indocyanine green clearance to respiratory enzyme levels in human cirrhotic liver. Uchida K, et al. **Am J Med Sci** 1985 Jul;290(1):19-27

Isolation and characterization of cancer-associated galactosyltransferase isoenzyme. Ram BP, et al. **Clin Chem** 1984 Oct;30(10):1656-63

Serum L.D.H. zymogram in cirrhosis and malignancy of the liver. Dube GK, et al. **J Assoc Physicians India** 1984 Sep; 32(9):773-5

Alpha 1-antitrypsin deficiency in cirrhosis of liver. Handa V, et al. **J Indian Med Assoc** 1984 Nov;82(11):389-91

Adenylate energy charge and cytochrome a (+a3) in the cirrhotic rat liver. Jikko A, et al. **J Surg Res** 1984 Nov; 37(5):361-8

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189-99

[Plasma lecithin-cholesterol acyltransferase activity (LCAT) in late schistosomiasis and chronic liver disease] Huang MX. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):31-3, 63 (Eng. Abstr.) **(Chi)**

[Column chromatographic analysis of serum amylase isozymes, with special reference to S type hyperamylasemia of liver cirrhosis] Yoshikawa N, et al. **Rinsho Byori** 1985 Feb;33(2):189-94 **(Jpn)**

[Determination of total lactate dehydrogenase and its isoenzymes in ascitic fluid] López JE, et al. **GEN** 1984 Jan-Jun;38(1-2):12-37 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Development and prognosis of histologic cirrhosis in corticosteroid-treated hepatitis B surface antigen-negative chronic active hepatitis. Davis GL, et al. **Gastroenterology** 1984 Dec;87(6):1222-7

Hepatic cirrhosis in young adults: association with adolescent onset of alcohol and parenteral heroin abuse. Novick DM, et al. **Gut** 1985 Jan;26(1):8-13

Indian childhood cirrhosis and copper--a critique [letter] Sharda B. **Indian J Gastroenterol** 1984 Jan;3(1):47-8

Indian childhood cirrhosis: a search for cause and remedy. Bhandari B, et al. **Indian J Pediatr** 1984 Mar-Apr; 51(409):135-8

Desquamative interstitial pneumonitis complicating inflammatory bowel disease of childhood. Teague WG, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):663-7

Pork and cirrhosis [letter] McConway KJ. **Lancet** 1985 May 4;1(8436):1045-6

Relationship between pork consumption and cirrhosis. Nanji AA, et al. **Lancet** 1985 Mar 23;1(8430):681-3

Acute non-A, non-B hepatitis with rapid progression to cirrhosis of the liver in a patient with agammagobulinaemia. Case report. Ostrowski J, et al. **Mater Med Pol** 1985 Jan-Mar;17(1):57-9

Differences in the etiology of chronic non-alcoholic liver disease in Naples and Copenhagen. Del Vecchio-Blanco C, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1081-5

Alpha 1-antitrypsin deficiency and liver cirrhosis in adults. Sassaris MP, et al. **South Med J** 1985 Jan;78(1):52-7

[Centrilobular liver necrosis associated with circulatory failure] Hegedüs C, et al. **Orv Hetil** 1984 Dec 2; 125(49):2971-7 (Eng. Abstr.) **(Hun)**

[Etiopathogenetic considerations on a case record of cirrhotic patients from western Sicily] Migneco G, et al. **Boll Ist Sieroter Milan** 1984 Sep;63(4):308-18 (Eng. Abstr.) **(Ita)**

[A case of non-A non-B post-transfusion hepatitis histologically followed up to liver cirrhosis] Tajima H, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):334-7 **(Jpn)**

[Post-necrotic liver cirrhosis and pregnancy. Presentation of a case and review of the literature] Villegas Castrejón H, et al. **Ginecol Obstet Mex** 1984 Nov;52(331):271-9 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

A firstborn child with multiple anomalies. Zorn E. **Hosp Pract [Off]** 1984 Oct;19(10):119, 122

Association between C3 complement types and Indian childhood cirrhosis. Srivastava N, et al. **Hum Hered** 1985; 35(4):268-70

Familial carcinoma and cirrhosis of liver: report of six members in two generations. Tansurat P. **J Med Assoc Thai** 1984 Sep;67(9):529-34

Genetics of Indian childhood cirrhosis. Kumar D. **Trop Geogr Med** 1984 Dec;36(4):313-6

IMMUNOLOGY

Glomerular deposition of IgA in experimental hepatic cirrhosis. Iida H, et al. **Acta Pathol Jpn** 1985 May; 35(3):561-7

Interleukin 1 activity in culture supernatant of lipopolysaccharide-stimulated monocytes from patients with chronic liver disease. Sakamoto S, et al. **Hepatogastroenterology** 1984 Dec;31(6):248-53

Prevalence of HBeAg and anti-HBe in chronic active hepatitis, cirrhosis and primary hepatocellular carcinoma in Korea. Kim CY, et al. **Hepatology** 1985 Jan-Feb; 5(1):54-6

Delayed hypersensitivity skin and leucocyte migration inhibition tests in chronic liver disease. el-Din SS, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):593-8

Antibodies to liver-specific lipoprotein in children with chronic liver disease due to 'autoimmune' chronic active hepatitis, cystic fibrosis, and alpha 1-antitrypsin deficiency. Larcher VF, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov; 3(5):728-33

HLA, lymphocyte subsets and immunoglobulins in liver cirrhosis. Fiorini G, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):276-82

[Virus B in the etiology of so-called Mediterranean cirrhosis] Sakka T, et al. **Tunis Med** 1985 Feb;63(2):133-7 (Eng. Abstr.) **(Fre)**

[Incidence of delta antigen in various HBsAG-positive patients with liver diseases] Ternák G, et al. **Orv Hetil** 1985 May 5;126(18):1075-7 (Eng. Abstr.) **(Hun)**

[Selected parameters of the complement system in chronic active hepatitis and liver cirrhosis] Zamorska I. **Pol Arch Med Wewn** 1984 May;71(5):301-12 (Eng. Abstr.) **(Pol)**

[HBeAg and anti-HBe in asymptomatic carriers of HBsAg and in various forms of hepatitis and liver cirrhosis] Kalinowska B, et al. **Przegl Epidemiol** 1984;38(3):249-56 (Eng. Abstr.) **(Pol)**

[Functional activity of natural killer cells in patients with chronic liver diseases] Dzhalalova VA, et al. **Ter Arkh**

1985;57(2):74-7 (Eng. Abstr.) **(Rus)**

[Indicators of cellular and humoral immunity in patients with chronic diffuse liver disease] Karashurova LL, et al. **Vrach Delo** 1985 Jan;(1):25-8 (Eng. Abstr.) **(Rus)**

[Effect of levamisole and sodium nucleinate on immunologic indicators in patients with liver cirrhosis] Lukash NV, et al. **Vrach Delo** 1985 Jan;(1):28-30 **(Rus)**

[Serological markers of hepatitis B virus in chronic hepatitis and cirrhosis] Rull S, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):321-5 (Eng. Abstr.) **(Spa)**

METABOLISM

Femoxetine clearance in patients with liver cirrhosis. Hansen BA, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov; 55(5):386-90

Fast local regulations of muscle pO2-fields in patients suffering from cirrhosis of the liver. Fleckenstein W, et al. **Adv Exp Med Biol** 1984;180:687-94

Pharmacokinetic study on the hepatic uptake of indocyanine green in cirrhotic patients. Kawasaki S, et al. **Am J Gastroenterol** 1985 Oct;80(10):801-6

Alfentanil pharmacokinetics in patients with cirrhosis. Ferrier C, et al. **Anesthesiology** 1985 Apr;62(4):480-4

Effects of cirrhosis on kinetics of aztreonam. MacLeod CM, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):493-7

Sodium and fluid retention in hepatic cirrhosis: a role for circulating hormones? Sewell RB, et al. **Aust NZ J Med** 1984 Jun;14(3):297-304

Cellular vitamin A-binding proteins in liver tumors and adjacent tissues. Ikezaki K, et al. **Cancer** 1985 May 15; 55(10):2405-10

Zinc absorption and leukocyte zinc in alcoholic and nonalcoholic cirrhosis. Valberg LS, et al. **Dig Dis Sci** 1985 Apr;30(4):329-33

Relationship between dose, blood level and haemodynamic response in patients with cirrhosis receiving propranolol. Jirón MI, et al. **Eur J Clin Pharmacol** 1985;28(3):353-5

Study of hepatic binding protein activity in jejuno-ileal by-passed rat hepatocytes. Serbource-Goguel N, et al. **FEBS Lett** 1985 Apr 22;183(2):232-4

Role of eicosanoids in the control of renal function in severe hepatic disease. Dunn MJ. **Gastroenterology** 1984 Dec; 87(6):1392-5

Hepatic heme metabolism and cytochrome P450 in cirrhotic rat liver. Farrell GC, et al. **Gastroenterology** 1985 Jul; 89(1):172-9

Splanchnic and renal elimination and release of catecholamines in cirrhosis. Evidence of enhanced sympathetic nervous activity in patients with decompensated cirrhosis. Henriksen JH, et al. **Gut** 1984 Oct;25(10):1034-43

Propranolol disposition in cirrhosis [letter] Jones DB. **Gut** 1985 Aug;26(8):865

Changes in acidic glycosaminoglycan components at different stages of human liver cirrhosis. Murata K, et al. **Hepatogastroenterology** 1984 Dec;31(6):261-5

The effect of cimetidine on hepatic drug elimination in cirrhosis. Nelson DC, et al. **Hepatology** 1985 Mar-Apr; 5(2):305-9

Insulin action in cirrhosis. Taylor R, et al. **Hepatology** 1985 Jan-Feb;5(1):64-71

Ascitic bile acids in patients with liver cirrhosis. Harada M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):125-30

In vivo and in vitro effect of liver on somatomedin generation. Minuto F, et al. **Horm Metab Res** 1984 Dec; 16(12):663-6

The euglycemic clamp technique in patients with liver cirrhosis. Vannini P, et al. **Horm Metab Res** 1984 Jul; 16(7):341-3

Study of selenium in Indian childhood cirrhosis (ICC). Sharda B, et al. **Indian Pediatr** 1984 May;21(5):377-80

Copper studies in liver disorders. Sundaravalli N, et al. **Indian Pediatr** 1985 Mar;22(3):195-9

Differential effects of hepatic cirrhosis on the plasma protein binding of drugs. García-Morillas M, et al. **Int J Clin Pharmacol Res** 1984;4(5):327-33

Fate of orally given isosorbide dinitrate in cirrhotic patients. Bogaert MG, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Sep;22(9):491-2

Circadian bioavailability and some effects of propranolol in healthy subjects and in liver cirrhosis. Semenowicz-Siuda K, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec; 22(12):653-8

The influence of liver dysfunction on the pharmacokinetics of carprofen. Holazo AA, et al. **J Clin Pharmacol** 1985 Mar;25(2):109-14

Estrogen and androgen dynamics in liver disease. Longcope C, et al. **J Endocrinol Invest** 1984 Dec;7(6):629-34

Evidence that renal prostaglandins are involved in renal water metabolism in cirrhosis. Pérez-Ayuso RM, et al. **Kidney Int** 1984 Jul;26(1):72-80

The inhibition of drug metabolism by cimetidine in patients with liver cirrhosis. Gugler R, et al. **Klin Wochenschr** 1984 Dec 3;62(23):1126-31

Changes in coenzyme Q level in mitochondria of cirrhotic rat liver. Morimoto T, et al. **Life Sci** 1985 Apr 22; 36(16):1577-80

Effect of demeclocycline on the renal tubule of patients with cirrhosis of the liver. Satta A, et al. **Panminerva Med** 1984 Oct-Dec;26(4):273-8

Role of renal kallikrein in the derangement of sodium and water excretion in cirrhotic patients. Hattori K, et al. **Scand J Gastroenterol** 1984 Sep;19(6):844-8

In vivo measurement of leucine metabolism with stable isotopes in normal subjects and in those with cirrhosis fed conventional and branched-chain amino acid-enriched diets. Millikan WJ Jr, et al. **Surgery** 1985 Sep;98(3):405-13

Extraction of fibronectin from human normal and cirrhotic livers. Isemura M, et al. **Tohoku J Exp Med** 1984 Oct; 144(2):217-8

Flow cytometry of nuclear DNA content in liver cirrhosis and liver tumours in rats exposed to acetylaminofluorene. Digernes V, et al. **Virchows Arch [Cell Pathol]** 1984; 47(2):139-46

[Principles and practical guidelines for drug dosages in liver diseases. II] Saudek F. **Cas Lek Cesk** 1984 Aug 17; 123(33):1018-23 (Eng. Abstr.) **(Cze)**

[Diffusion of gentamicin into infected ascitic fluid in cirrhotic patients (letter)] Latrive JP, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):767-8 **(Fre)**

[Pharmacokinetics of josamycin in liver cirrhosis] Okolicsanyi L, et al. **G Ital Chemioter** 1982;29 Suppl 1:171-4 (Eng. Abstr.) **(Ita)**

[Supportive parenteral nutrition in the cirrhotic surgical patient] Aiello D, et al. **Minerva Med** 1984 Sep 15; 75(35):1993-6 **(Ita)**

[Hepatic clearance of 99mTc-p-butyl HIDA in liver diseases. Correlations with routine hematochemical parameters of liver function] Custro N, et al. **Minerva Med** 1984 Nov 3;75(42):2527-32 (Eng. Abstr.) **(Ita)**

[Treatment of post-hepatectomy hepatic cellular energy crisis in cirrhosis with ATP-MgCl2 administration] Ohtake Y. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1545-57 (Eng. Abstr.) **(Jpn)**

[The disorder of vitamin D metabolism in patients with liver cirrhosis] Kanda T, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Jan 20;61(1):14-21 (Eng. Abstr.) **(Jpn)**

[Studies on human hepatic copper contents in Japanese patients with liver cirrhosis and biliary obstruction] Ozawa A, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):925-34 **(Jpn)**

[Abnormal bile acids in liver cirrhosis and liver cancer] Tsujii T, et al. **Nippon Rinsho** 1984 Jul;42(7):1604-9 **(Jpn)**

[Changes in metabolic function of the liver in patients with chronic hepatic diseases] Kupčová V, et al. **Bratisl Lek Listy** 1985 Jan;83(1):35-40 (Eng. Abstr.) **(Slo)**

[The importance of the biochemical examination of ascitic fluid] Vladár L, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):165-9 (Eng. Abstr.) **(Slo)**

MICROBIOLOGY

[Quantitative and qualitative study of the fecal flora of cirrhotic patients] Cattoen C, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):111-4 (Eng. Abstr.) **(Fre)**

MORTALITY

A cohort study on the causes of death in an endemic area of schistosomiasis japonica in Japan. Inaba Y. **Ann Acad Med Singapore** 1984 Apr;13(2):142-8

Survival of alcoholic v nonalcoholic patients after portasystemic shunts. Brown SL, et al. **Arch Surg** 1984 Nov;119(11):1321-4

Changes of laboratory variables with time in cirrhosis: prognostic and therapeutic significance. Christensen E, et al. **Hepatology** 1985 Sep-Oct;5(5):843-53

Recessions and increased mortality [letter] Stolinsky DC. **Hosp Pract [Off]** 1984 Nov;19(11):22

International trends in alcohol production, trade and consumption, and their relationship to alcohol-related problems, 1970 to 1977. Adrian M. **J Public Health Policy** 1984 Sep;5(3):344-67

Relation between pork consumption and cirrhosis [letter] Seely S. **Lancet** 1985 Apr 20;1(8434):925

Reported cirrhosis mortality--United States, 1970-1980. **MMWR** 1984 Nov 23;33(46):657-9

[Causes of death in liver cirrhosis patients seen on an outpatient basis] Bakalov V, et al. **Vutr Boles** 1985; 24(1):31-5 (Eng. Abstr.) **(Bul)**

[Life expectancy of patients with cirrhosis] Eisenburg J. **Lebensversicherungsmedizin** 1984 Jul 18;36(6):129-36 (Eng. Abstr.) **(Ger)**

[Clinico-statistical observations in hepatic cirrhosis] Milani A, et al. **Recenti Prog Med** 1985 Mar;76(3):130-4 (Eng. Abstr.) **(Ita)**

[A study of the trend of mortality from cirrhosis of the liver in Japan, 1955-79] Kurashina S, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):819-30 (Eng. Abstr.) **(Jpn)**

[A follow-up study on the prognosis of liver cirrhosis] Tsuji Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar; 82(3):434-40 (Eng. Abstr.) **(Jpn)**

[Survival of patients with liver cirrhosis] Mochalova IuS, et al. **Sov Med** 1985;(3):102-7 **(Rus)**

OCCURRENCE

Epidemiology of liver cirrhosis morbidity and mortality in Western Australia, 1971-82: some preliminary findings. Smith DI, et al. **Drug Alcohol Depend** 1985 May; 15(1-2):35-45

Hepatocellular carcinoma and cirrhosis: a review of their relative incidence in a 25-year period in the Florence area. Bartoloni St. Omer F, et al. **Hepatogastroenterology** 1984 Oct;31(5):215-7

Primary hepatic cancer and liver cirrhosis. Autopsy study covering fifty years. Bethke BA, et al. **Hepatogastroenterology** 1984 Oct;31(5):211-4

Incidence of Indian childhood cirrhosis [letter] Gupta AP, et al. **Indian Pediatr** 1984 May;21(5):424-5

[Alcohol consumption, cirrhosis: epidemiological aspects] Audigier JC, et al. **Gastroenterol Clin Biol** 1984 Dec; 8(12):925-33 **(Fre)**

[Hepatitis B virus infection in Tunisia] el Goulli N, et al. **IARC Sci Publ** 1984;(63):199-211 (Eng. Abstr.) **(Fre)**

[Hepatic cirrhosis. Clinico-epidemiological study of 164 cases] Merino Angulo A, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):133-6 **(Spa)**

PATHOLOGY

Peritoneoscopy of alcoholic liver cirrhosis in comparison with non-alcoholic liver cirrhosis. Kitadai M, et al. **Acta Med Okayama** 1985 Apr;39(2):105-12

Protracted histopathological change of the liver necrosis induced by Shwartzman reaction. An experimental animal model of liver cirrhosis? Shiga J, et al. **Acta Pathol Jpn** 1985 Jan;35(1):103-7

Halothane anesthesia does not exacerbate hepatic dysfunction in cirrhotic rats. Maze M, et al. **Anesthesiology** 1985 Jan; 62(1):1-5

Heterotopic liver tissue with micronodular cirrhosis. A case report. Pesce C, et al. **Ann Pathol** 1984 Dec;4(5):389-90

Quantitative morphology of mitochondria in hepatocellular carcinoma and chronic liver disease. Wu PC, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):914-6

Is mallory body formation a preneoplastic change? A study of 181 cases of liver bearing hepatocellular carcinoma and 82 cases of cirrhosis. Nakanuma Y, et al. **Cancer** 1985 May 15;55(10):2400-4

Measurement of fibrosis in needle liver biopsies: evaluation of a colorimetric method. Jimenez W, et al. **Hepatology** 1985 Sep-Oct;5(5):815-8

Heterogeneous IgA glomerulonephropathy in liver cirrhosis. Sinniah R. **Histopathology** 1984 Nov;8(6):947-62

Immunohistochemical demonstration of ceruloplasmin in the livers of Indian childhood cirrhosis. Mehrotra R, et al. **Indian J Med Res** 1984 Jun;79:792-6

Proliferated bile ductules observed by scanning electron microscopy using the chemical digestion method after liver capsule mechanical stripping. Kobayashi K, et al. **J Electron Microsc (Tokyo)** 1984;33(4):375-7

The blood-lymph barrier in the liver. A review based on morphological and functional concepts of normal and cirrhotic liver. Henriksen JH, et al. **Liver** 1984 Aug; 4(4):221-32 (60 ref.)

Hepatic cirrhosis: magnetic resonance imaging. Goldberg HI, et al. **Radiology** 1984 Dec;153(3):737-9

A case of hepatocellular carcinoma occurring in a cirrhotic liver--laparoscopically confirmed transition from a cirrhotic nodule to a hepatocellular carcinoma at an interval of 10 months. Iwamura K, et al. **Tokai J Exp Clin Med** 1984 Mar;9(1):69-79

Quantitation and serial section observations of focal venocclusive lesions of hepatic veins in liver cirrhosis. Nakanuma Y, et al. **Virchows Arch [A]** 1985;405(4):429-38

Monoclonal anti cytokeratin antibodies reveal bile duct origin of cirrhotic ductular proliferations (dp). Stosiek P, et al. **Virchows Arch [A]** 1985;407(2):233-5

[Study on cytokinetics of cirrhosis and liver cancer in rats during carcinogenesis induced by 60Co irradiation] Gao FM. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):177-81 (Eng. Abstr.) **(Chi)**

[Focal liver cirrhosis] Foukal T, et al. **Cas Lek Cesk** 1984 Aug 17;123(33):1031-3 (Eng. Abstr.) **(Cze)**

[Value of ultrasound-guided cytopuncture in the diagnosis of tumors in cirrhosis. Study of 29 cases] Messner M, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):42-6 (Eng. Abstr.) **(Fre)**

[Spontaneous portacaval anastomoses by veins of the falciform ligament of the liver in cirrhosis. Their ultrasonic exploration] Pietri H, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):250-4 (Eng. Abstr.) **(Fre)**

[Significance of non-A, non-B infection in acute and chronic liver diseases] Liehr H, et al. **Lebensversicherungsmedizin** 1984 Jul 18;36(6):123-6 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of liver cirrhosis associated with diabetes mellitus] Balázs M, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):181-8 (Eng. Abstr.) **(Hun)**

[Glomerular diseases and liver diseases] Kato E, et al. **Nippon Rinsho** 1984 Jun;42(6):1424-9 **(Jpn)**

[Pathomorphology of male gonad in liver cirrhosis] Sośnik H. **Patol Pol** 1984 Jul-Sep;35(3):325-39 (Eng. Abstr.) **(Pol)**

[Demonstration of individual reactivity in the dynamics of changes in the concentration of mitochondrial cytochromes during the cirrhotic process] Kotova EN. **Biull Eksp Biol Med** 1985 Mar;99(3):303-6 (Eng. Abstr.) **(Rus)**

[Budd-Chiari syndrome in a patient with liver cirrhosis and cancer] Trubnikov GV, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):137-40 **(Rus)**

PHYSIOPATHOLOGY

Possible roles of insulin, glucagon, growth hormone and free fatty acids in the pathogenesis of insulin resistance of subjects with chronic liver diseases. Bonora E, et al. **Acta Diabetol Lat** 1984 Jul-Sep;21(3):241-50

Defective neutrophil motility [letter] Ozsoylu S, et al. **Am J Dis Child** 1985 Jan;139(1):10-1

Gastric acid secretion and gastrin and gastric inhibitory polypeptide release in cirrhotic patients. Sato T, et al. **Am J Gastroenterol** 1985 Mar;80(3):163-9

Systemic and splanchnic hemodynamic disturbances in conscious rats with experimental liver cirrhosis without ascites. Fernández-Muñoz D, et al. **Am J Physiol** 1985 Sep; 249(3 Pt 1):G316-20

Hypophyseal-gonadal dysfunction in men with non-alcoholic liver cirrhosis. Mooradian AD, et al. **Andrologia** 1985 Jan-Feb;17(1):72-9

The use of different doses of vecuronium in patients with liver dysfunction. Hunter JM, et al. **Br J Anaesth** 1985 Aug;57(8):758-64

Effects of propranolol on hepatic haemodynamics in the cirrhotic and non-cirrhotic rat. Jenkins SA, et al. **Br J Surg** 1985 May;72(5):354-8

Effects of a selective beta 2-blocker (ICI 118,551) on hepatic haemodynamics in the cirrhotic and non-cirrhotic rat. Jenkins SA, et al. **Br J Surg** 1985 Aug;7(8):653-6

Hepatic circulation in cirrhosis. Huet PM, et al. **Clin Gastroenterol** 1985 Jan;14(1):155-68

Impaired plasma amino-acid clearance in patients with cirrhosis of the liver and portocaval shunt--its relation to insulin resistance. Ferenci P, et al. **Eur J Clin Invest** 1984 Aug;14(4):255-61

Effect of cimetidine on portal pressure and systemic hemodynamics in patients with and without liver cirrhosis. Nagasue N, et al. **Gastroenterol Jpn** 1985 Apr;20(2):131-6

Effects of prostaglandin inhibition on systemic and hepatic hemodynamics in patients with cirrhosis of the liver. Bruix J, et al. **Gastroenterology** 1985 Feb;88(2):430-5

Acute effects of captopril on systemic and renal hemodynamics and on renal function in cirrhotic patients with ascites. Pariente EA, et al. **Gastroenterology** 1985 May; 88(5 Pt 1):1255-9

Pharmacology of propranolol in patients with cirrhosis and portal hypertension. Arthur MJ, et al. **Gut** 1985 Jan; 26(1):14-9

Correlation between hepatic blood flow and coagulation indices in chronic active hepatitis and liver cirrhosis patients. Violi F, et al. **Haemostasis** 1985;15(3):210-4

Effects of propranolol on azygos venous blood flow and hepatic and systemic hemodynamics in cirrhosis. Bosch J, et al. **Hepatology** 1984 Nov-Dec;4(6):1200-5

Salt and water balance [letter] Witte CL, et al. **Hosp Pract [Off]** 1984 Oct;19(10):23, 26

Pharmacokinetics and pharmacodynamic effects of furosemide in patients with liver cirrhosis. Traeger A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar; 23(3):129-33

Mechanism of insulin resistance in human liver cirrhosis. Evidence of a combined receptor and postreceptor defect. Cavallo-Perin P, et al. **J Clin Invest** 1985 May; 75(5):1659-65

Spontaneous bacterial peritonitis in children with chronic liver disease: clinical features and etiologic factors. Larcher VF, et al. **J Pediatr** 1985 Jun;106(6):907-12

Magnesium and liver cirrhosis: a hypothesis. Cohen L. **Magnesium** 1985;4(1):1-4

Portal venous hemodynamics in chronic liver disease: effects of posture change and exercise. Ohnishi K, et al. **Radiology** 1985 Jun;155(3):757-61

Portal pressure changes induced by medical treatment: US detection. Zoli M, et al. **Radiology** 1985 Jun;155(3):763-6

Estimation of lymphatic conductance. A model based on protein-kinetic studies and haemodynamic measurements in patients with cirrhosis of the liver and in pigs. Henriksen JH. **Scand J Clin Lab Invest** 1985 Apr;45(2):123-30

Colloid osmotic pressure in decompensated cirrhosis. A 'mirror image' of portal venous hypertension. Henriksen JH. **Scand J Gastroenterol** 1985 Mar;20(2):170-4

[Assessment of portal blood flow by isotope splenoportography. Methodology and 1st results in cirrhosis] Bourguet P, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):704-10 (Eng. Abstr.) **(Fre)**

[The porto-vertebral angle and biohumoral indexes of hepatic function in cirrhotic patients. Statistical analysis] Violi V, et al. **Ann Ital Chir** 1984;56(3):211-7 (Eng. Abstr.) **(Ita)**

[Beta-cell activity during the oral glucose tolerance test in subjects with hepatic cirrhosis] Stufano N, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1127-32 (Eng. Abstr.) **(Ita)**

[The effect of halothane and enflurane on liver and renal function in patients with liver cirrhosis] Tanifuji Y, et al. **Masui** 1985 Mar;34(3):343-7 (Eng. Abstr.) **(Jpn)**

[The clinical study of systemic hemodynamics after partial hepatectomy, with special reference to cirrhotic subjects] Harada A. **Nippon Geka Gakkai Zasshi** 1985 Jan; 86(1):62-72 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on regeneration of the cirrhotic liver after major hepatectomy: comparison with the volume and function of the normal liver during recovery] Kawai Y. **Nippon Geka Gakkai Zasshi** 1984 Oct; 85(10):1317-31 (Eng. Abstr.) **(Jpn)**

[Effects of feeding on portal blood flow in patients with chronic liver diseases. Quantitative measurements using an ultrasonic duplex system composed of an electronic B-mode scanner and pulsed Doppler flowmeter] Moriyasu F, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2767-74 (Eng. Abstr.) **(Jpn)**

[Esophageal mucosal blood flow in patients with liver cirrhosis] Shiomi M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):518 **(Jpn)**

[Studies on gastric emptying time in patients with liver cirrhosis by radioisotope technique] Suyama H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2507-15 (Eng. Abstr.) **(Jpn)**

[Clinical utility of pulsed Doppler flowmetry in patients with liver cirrhosis] Ohnishi K, et al. **Rinsho Hoshasen** 1984 Dec; 29(13):1489-94 (Eng. Abstr.) **(Jpn)**

[Risk to cirrhosis patients in general surgery] Setlacec D, et al. **Rev Chir [Chir]** 1985 Mar-Apr;34(2):81-90 (Eng. Abstr.) **(Rum)**

[Hemodynamics in patients with liver cirrhosis and portal hypertension syndrome] Ershov IuA, et al. **Sov Med** 1984; (7):17-23 (Eng. Abstr.) **(Rus)**

[Determination of hepatic blood flow in chronic liver diseases using the constant infusion technic] Vorobioff J, et al. **Acta Gastroenterol Latinoam** 1984;14(3):229-34 (Eng. Abstr.) **(Spa)**

[Thyroid function in hepatic cirrhosis] Conde Yagüe R, et al. **Rev Clin Esp** 1985 Feb;176(3):124-6 (Eng. Abstr.) **(Spa)**

[Changes in renal function and the intracellular environment in cirrhotic patients] Tiberio López G, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):367-78 (135 ref.) (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Dynamic CT of liver cirrhosis. Partanen KP. **Invest Radiol** 1984 Jul-Aug;19(4):303-8

Computed tomography in the evaluation of cirrhosis and portal hypertension. Fisher MR, et al. **J Clin Gastroenterol** 1985 Apr;7(2):173-81

Studies on the computed tomography of the pancreas in patients of liver cirrhosis. Katsumata K, et al. **Nagoya J Med Sci** 1985 Mar;47(3-4):77-82

[Angiographic opacification of a regenerating nodule in the cirrhotic liver as compared to small hepatoma] Sako M, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1411-4 (Eng. Abstr.) **(Jpn)**

[Computed tomography of the regenerative nodules accompanied by liver cirrhosis] Yamamoto S, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1013-5 (Eng. Abstr.) **(Jpn)**

[Hepatic artery changes in liver cirrhosis] Borisov AE, et al. **Vestn Khir** 1984 Oct;133(10):43-6 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Dynamic liver scanning in cirrhosis. McLaren MI, et al. **Br J Surg** 1985 May;72(5):394-6

[Isotopic heart/liver index in hepatic cirrhosis. Preliminary results] Reding P, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):376-80 (Eng. Abstr.) **(Fre)**

[Experiment with respiratory gated liver imaging with Fourier analysis in patients with liver cirrhosis] Seto M, et al. **Kaku Igaku** 1984 Jul;21(7):867-70 (Eng. Abstr.) **(Jpn)**

SURGERY

Peritoneo-venous shunting in patients with cirrhotic ascites and end-stage renal failure. Gandhi VC, et al. **Am J Kidney Dis** 1985 Sep;6(3):185-7

Factors affecting immediate and long-term survival after emergent and elective splanchnic-systemic shunts. Chandler JG, et al. **Ann Surg** 1985 Apr;201(4):476-87

The LeVeen shunt in the elective treatment of intractable ascites in cirrhosis. A prospective study on 140 patients. Smadja C, et al. **Ann Surg** 1985 Apr;201(4):488-93

Segmental and subsegmental resections of the cirrhotic liver under hepatic inflow and outflow occlusion. Nagasue N, et al. **Br J Surg** 1985 Jul;72(7):565-8

LeVeen peritoneo-venous shunt in treatment of intractable cirrhotic ascites. Chen YR, et al. **Chin Med J [Engl]** 1984 May;97(5):376-8

Does a portal-systemic shunt increase the risk of primary hepatic carcinoma in cirrhosis of the liver? Bjørneboe M, et al. **Scand J Gastroenterol** 1985 Jan;20(1):59-64

Ruptured umbilical hernia in cirrhotic patients: management with peritoneovenous shunting and herniorrhaphy. Bunt TJ, et al. **South Med J** 1985 Jun;78(6):755-6

Liver cirrhosis and biliary surgery: assessment of risk. Cryer HM, et al. **South Med J** 1985 Feb;78(2):138-41

Hepatic resection in cirrhotic patients. Van Landingham SB, et al. **South Med J** 1985 Aug;78(8):951-3

[Results of portasystemic shunts in cirrhosis in children] Bernard O, et al. **Arch Fr Pediatr** 1985 Mar;42(3):249-53 (Eng. Abstr.) **(Fre)**

[Ascites in liver cirrhosis treated with peritoneovenous shunt] Ritland S, et al. **Tidsskr Nor Laegeforen** 1984 Oct 30; 104(30):2104-7 **(Nor)**

[Use of an autovenous valve for peritoneovenous shunting in patients with liver cirrhosis complicated by ascites] Malyshev IuI, et al. **Klin Khir** 1984 Sep;(9):36-8 (Eng. Abstr.) **(Rus)**

THERAPY

Evaluation of Talbot's safety zone of infusion volume and osmolality in infusion therapy for decompensated liver cirrhosis. Yuasa S, et al. **Acta Med Okayama** 1985 Jun; 39(3):179-90

Transcatheter arterial embolization for hepatocellular carcinoma. Benefits and limitations for unresectable cases with liver cirrhosis evaluated by comparison with other conservative treatments. Sato Y, et al. **Cancer** 1985 Jun 15;55(12):2822-5

Transcatheter arterial embolization of ruptured hepatocellular carcinoma associated with liver cirrhosis. Nouchi T, et al. **Dig Dis Sci** 1984 Dec;29(12):1137-41

Standard or branched-chain amino acid infusions as short-term nutritional support in liver cirrhosis? Rocchi E, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug; 9(4):447-51

[Long-term dialysis treatment of the ascites in a liver cirrhosis patient] Delilski M, et al. **Khirurgiia (Sofiia)** 1985; 38(2):65-7 **(Bul)**

[Hemocoagulation status in reinfusion of ascitic fluid in patients with liver cirrhosis] Stibor J, et al. **Cas Lek Cesk** 1985 Jan 11;124(2):50-2 (Eng. Abstr.) **(Cze)**

[Recompensation of decompensated liver cirrhosis by a peritoneo-pleural shunt? (letter)] LindnerW. **Dtsch Med Wochenschr** 1984 Nov 2;109(44):1703-4 **(Ger)**

[Production of an intrahepatic portocaval fistula in the dog with liver cirrhosis and portal hypertension] Burgener FA, et al. **ROFO** 1984 Sep;141(3):327-32 (Eng. Abstr.) **(Ger)**

[Transcatheter splenic arterial embolization (TSAE) in patients with hypersplenism: clinical evaluation of adjuvant therapy for hepatocellular carcinoma and liver cirrhosis] Hirai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec; 81(12):2960-6 (Eng. Abstr.) **(Jpn)**

URINE

Gas chromatographic profiling of phenolic acids in urine of patients with cirrhosis of the liver. Liebich HM, et al. **J Chromatogr** 1985 Feb 27;338(1):25-32

[Determination of urinary bradykinin in liver cirrhosis] Tang ZD, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun; 24(6):348-9, 381-2 (Eng. Abstr.) **(Chi)**

[The ratio of urea nitrogen to total urinary nitrogen in liver diseases] Dastych M, et al. **Cas Lek Cesk** 1984 Aug 17; 123(33):1024-6 (Eng. Abstr.) **(Cze)**

[Analysis of methionine metabolism studied by the gas chromatographic determination of 3-methylthiopropionate in urine and its clinical application] Yoshida Y. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):183-94 (Eng. Abstr.) **(Jpn)**

VETERINARY

Hepatic cirrhosis associated with long-term primidone therapy in a dog. Poffenbarger EM, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):978-80

Cirrhosis: a consequence of chronic liver disease. Twedt DC. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):151-76

A new transmissible agent causing acute hepatitis, chronic hepatitis and cirrhosis in dogs. Jarrett WF, et al. **Vet Rec** 1985 Jun 15;116(24):629-35

LIVER CIRRHOSIS, ALCOHOLIC

[Is total arthroplasty of the hip justified in cirrhotics?] Julia JM, et al. **Cah Anesthesiol** 1985 Apr-May;33(3):235-7 **(Fre)**

BLOOD

Plasma amino acid imbalance in alcoholic liver cirrhosis. Shiota T, et al. **Biochem Med** 1984 Oct;32(2):181-8

Identification with monoclonal antibodies of T-cell subsets in peripheral blood and ascitic fluid of patients with alcoholic hepatic cirrhosis. Pirrone S, et al. **Boll Ist Sieroter Milan** 1985;64(1):52-4

Decreased susceptibility of red blood cells to lipid peroxidation in patients with alcoholic liver cirrhosis. Clemens MR, et al. **Clin Chim Acta** 1985 Feb 15; 145(3):283-8

Kinetics of glucose metabolism in relation to insulin concentrations in patients with alcoholic cirrhosis and in healthy persons. Iversen J, et al. **Gastroenterology** 1984 Nov;87(5):1138-43

Correction of altered plasma amino acid pattern in cirrhosis of the liver by somatostatin. Limberg B, et al. **Gut** 1984 Nov;25(11):1291-5

Androgen and estrogen response to adrenal and gonadal stimulation in idiopathic hemochromatosis: evidence for decreased estrogen formation. Kley HK, et al. **Hepatology** 1985 Mar-Apr;5(2):251-6

Prognostic value of serum fibronectin concentration in alcoholic cirrhotic patients. Naveau S, et al. **Hepatology** 1985 Sep-Oct;5(5):819-23

Conversion of androgens to estrogens in idiopathic hemochromatosis: comparison with alcoholic liver cirrhosis. Kley HK, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):1-6

Comment on importance of renal prostaglandins in control of renal function after chronic ligation of the common bile duct in dogs [letter] Sanford RL, et al.
J Lab Clin Med 1984 Dec;104(6):1036-8

Platelet aggregation and release of ATP in patients with hepatic cirrhosis. Ingeberg S, et al.
Scand J Gastroenterol 1985 Apr;20(3):285-8

Thiamine status in Jamaican patients with alcoholic cirrhosis compared with 'normal' adults. Hailemariam B, et al.
West Indian Med J 1985 Mar;34(1):54-8

[Selective increase in aromatic amino acids in alcoholic cirrhosis (letter)] Durlach J. **Presse Med** 1985 Feb 9; 14(5):288 **(Fre)**

[Prolactin in chronic alcoholic liver diseases with and without gynecomastia] Nardoni A, et al. **Minerva Med** 1985 Jan 14;76(1-2):37-42 (Eng. Abstr.) **(Ita)**

[Elastolytic activity of the blood serum in patients with liver cirrhosis] Kucharz E, et al. **Wiad Lek** 1985 Mar 15; 38(6):401-5 (Eng. Abstr.) **(Pol)**

[Hypothalamo-hypophyseal-thyroid changes in alcoholic hepatic cirrhosis] Zamora Madaria E, et al.
Med Clin (Barc) 1984 Nov 17;83(16):660-4 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

The clinical nature and detection of psychiatric disorders in patients with alcoholic liver disease. Ewusi-Mensah I, et al. **Alcohol Alcohol** 1984;19(4):297-302

Fatal ruptured duodenal varix: a case report and review of literature. Amin R, et al. **Am J Gastroenterol** 1985 Jan; 80(1):13-8

Partial splenic embolization as an emergency treatment for uncontrollable variceal bleeding: a case report. Iwamoto S, et al. **Am J Gastroenterol** 1985 May;80(5):387-90

Pasteurella multocida septicemia and peritonitis in a patient with cirrhosis: case report and review of the literature. Vakil N, et al. **Am J Gastroenterol** 1985 Jul;80(7):565-8

Spontaneous Vibrio vulnificus peritonitis and primary sepsis in two patients with alcoholic cirrhosis. Wongpaitoon V, et al. **Am J Gastroenterol** 1985 Sep;80(9):706-8

Esophageal transection fails to salvage high-risk cirrhotic patients with variceal bleeding. Durtschi MB, et al.
Am J Surg 1985 Jul;150(1):18-23

The cornu ammonis and alcoholic cirrhotic encephalopathy. A neuropathological and immunohistological study. Fuentes C, et al. **Anat Clin** 1984;6(3):163-70

Use of urea for treatment of water retention in hyponatraemic cirrhosis with ascites resistant to diuretics. Decaux G, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1782-3

Pathogenesis of precirrhotic portal hypertension in alcohol-fed baboons. Miyakawa H, et al.
Gastroenterology 1985 Jan;88(1 Pt 1):143-50

Hepatic hydrothorax in the absence of clinical ascites: diagnosis and management. Rubinstein D, et al.
Gastroenterology 1985 Jan;88(1 Pt 1):188-91

Chronic advanced liver disease and impotence: cause and effect? Cornely CM, et al. **Hepatology** 1984 Nov-Dec; 4(6):1227-30

Urinary tract infection in cirrhotic patients, a urodynamic explanation [letter] Bercoff E, et al. **Lancet** 1985 Apr 27; 1(8435):987

Sclerotherapy versus propranolol after first variceal haemorrhage in alcoholic cirrhosis [letter] Dollet JM, et al. **Lancet** 1985 Jul 13;2(8446):97

Sexual dysfunction in men with alcoholic liver cirrhosis. A comparative study. Jensen SB, et al. **Liver** 1985 Apr; 5(2):94-100

In vitro study on the membrane of spur cells. Takemoto Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):858-67

Long-term sclerotherapy of bleeding esophageal varices in patients with liver cirrhosis. An evaluation of mortality and rebleeding risk factors. Sauerbruch T, et al.
Scand J Gastroenterol 1985 Jan;20(1):51-8

Peritoneovenous shunting for cirrhotic versus malignant ascites. Kostroff KM, et al. **Surg Gynecol Obstet** 1985 Sep; 161(3):204-8

Ruptured mesenteric varices in hepatic cirrhosis: a rare cause of intraperitoneal hemorrhage. Jhung JW, et al. **Surgery** 1985 Mar;97(3):377-80

Constitutional factors in alcoholic cirrhosis. Thaler H, et al.
Tokai J Exp Clin Med 1984 Oct;9(4):249-51

[Waldenström's hyperglobulinemic purpura in a patient with alcoholic liver cirrhosis] Sørensen PG, et al.
Ugeskr Laeger 1984 Dec 10;146(50):3926-7 (Eng. Abstr.) **(Dan)**

[Decompensated cirrhosis and jugular turgescence. Hemodynamic study of a case of cirrhosis associated with a cardiomyopathy] Deflandre J, et al. **Acta Clin Belg** 1985; 40(2):105-11 (Eng. Abstr.) **(Fre)**

[Severe potassium deficiency in a cirrhotic]
Weiller-Racamier J, et al. **Cah Anesthesiol** 1985 Jan-Feb; 33(1):67-9 **(Fre)**

[Pseudohyperaldosteronism induced by alcohol-free aniseed aperitif in alcoholic cirrhotic patients] Brunin JL, et al.
Gastroenterol Clin Biol 1984 Oct;8(10):711-4 (Eng. Abstr.) **(Fre)**

[Relation between alcoholic cirrhosis and extrahepatic cancers not linked with alcohol or tobacco (letter)] Chaput JC, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):883 **(Fre)**

[Latent myocardiopathy in chronic alcoholic patients with or without hepatic involvement] Monnin E, et al.
Gastroenterol Clin Biol 1985 Apr;9(4):298-304 (Eng. Abstr.) **(Fre)**

[Is portacaval anastomosis still valid treatment for portal hypertension in alcoholic cirrhotic patients?] Paineau J, et al. **J Chir (Paris)** 1984 Aug-Sep;121(8-9):471-6 (Eng. Abstr.) **(Fre)**

[Atheromatous stenosis of the celiac trunk and post-hemorrhagic encephalopathy in the cirrhotic patient. A case treated with aortohepatic bypass and portacaval anastomosis (letter)] Gayral F. **Presse Med** 1985 Mar 2; 14(9):552 **(Fre)**

[Spontaneous Aeromonas hydrophila peritonitis in the cirrhotic. Apropos of 2 cases] Bercoff E, et al.
Rev Med Interne 1985 Jan;6(1):62-4 **(Fre)**

[The treatment of hemorrhages due to ruptured esophageal varices in cirrhosis] Rohner A.
Rev Med Suisse Romande 1985 Apr;105(4):309-12 **(Fre)**

[Fatal hemorrhage from ruptured varicose veins of the sigmoid colon in liver cirrhosis] Vock R, et al.
Z Rechtsmed 1985;94(1):61-9 (Eng. Abstr.) **(Ger)**

[Intraabdominal hemorrhage as an unusual complication of liver cirrhosis] Fröhlich A, et al. **Orv Hetil** 1985 Aug 25; 126(34):2101-3 (Eng. Abstr.) **(Hun)**

[A case of glomerulonephritis with IgA deposits with alcoholic hepatic fibrosis] Saito M, et al.
Nippon Jinzo Gakkai Shi 1984 Nov;26(11):1521-7 (Eng. Abstr.) **(Jpn)**

[A case of acute alcoholic myopathy with rhabdomyolysis] Uchida N, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan; 74(1):48-53 **(Jpn)**

[Spontaneous peritonitis caused by Campylobacter jejuni in a cirrhotic patient (letter)] Domingo P, et al.
Med Clin (Barc) 1985 Mar 16;84(10):416 **(Spa)**

[Association of allergic vasculitis and alcoholic liver cirrhosis (letter)] Espaulella \Panicot J, et al. **Med Clin (Barc)** 1985 May 25;84(20):842 **(Spa)**

DIAGNOSIS

Focal and diffuse liver disease studied by quantitative microstructural sonography. King DL, et al. **Radiology** 1985 May;155(2):457-62

[Alcoholic fatty liver, alcoholic hepatitis and alcoholic cirrhosis. Drinking behavior and incidence of clinical, clinico-chemical and histological findings in 282 patients] Bode JC, et al. **Dtsch Med Wochenschr** 1984 Oct 5; 109(40):1516-21 (Eng. Abstr.) **(Ger)**

[Spontaneous bacterial peritonitis as a clinical manifestation of compensated hepatic cirrhosis] Parisi GC, et al.
Minerva Dietol Gastroenterol 1985 Jan-Mar;31(1):33-5 (Eng. Abstr.) **(Ita)**

DIET THERAPY

Effects of vegetable diets on nitrogen metabolism in cirrhotic subjects. Weber FL Jr, et al. **Gastroenterology** 1985 Sep; 89(3):538-44

DRUG THERAPY

[Effect of somatostatin on splanchnic hemodynamics in liver cirrhosis] Merkel C, et al. **Minerva Med** 1984 Nov 17; 75(44):2673-8 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Ethanol is cirrhogenic, whatever the beverage. Tuyns AJ, et al. **Br J Addict** 1984 Dec;79(4):389-93

Hepatic cirrhosis in young adults: association with adolescent onset of alcohol and parenteral heroin abuse. Novick DM, et al. **Gut** 1985 Jan;26(1):8-13

Hepatocellular carcinoma in the alcoholic. Leevy CM, et al. **IARC Sci Publ** 1984;(63):143-59

FAMILIAL & GENETIC

Oxidation phenotyping in alcoholics with liver disease of varying severity. Lanthier PL, et al. **Alcoholism (NY)** 1984 Sep-Oct;8(5):435-41

IMMUNOLOGY

Deficient natural killer cell activity in alcoholic cirrhosis. Charpentier B, et al. **Clin Exp Immunol** 1984 Oct; 58(1):107-15

Antibody to G-actin in different categories of alcoholic liver disease: quantification by an ELISA and significance for alcoholic cirrhosis. Cunningham AL, et al.
Clin Immunol Immunopathol 1985 Feb;34(2):158-64

Autoantibodies and immunoglobulins in patients with alcoholic cirrhosis. Relation to measurements of hepatic function and hemodynamics. Gluud C, et al. **Digestion** 1984; 30(1):1-6

Pneumococcal vaccination: the response of patients with alcoholic liver cirrhosis. Pirovino M, et al. **Hepatology** 1984 Sep-Oct;4(5):946-9

[Populations of circulating T lymphocytes in patients with alcoholic cirrhosis] Perrin D, et al.
Gastroenterol Clin Biol 1984 Dec;8(12):907-10 (Eng. Abstr.) **(Fre)**

[Hepatitis B virus, serological markers of viral infections and humoral immunity in alcoholic cirrhosis] Vetter D, et al.
Gastroenterol Clin Biol 1985 May;9(5):389-95 (Eng. Abstr.) **(Fre)**

METABOLISM

Pharmacokinetics and pharmacodynamics of vecuronium (ORG NC 45) in patients with cirrhosis. Lebrault C, et al. **Anesthesiology** 1985 May;62(5):601-5

Antipyrine clearance and metabolite formation in patients with alcoholic cirrhosis. Teunissen MW, et al.
Br J Clin Pharmacol 1984 Nov;18(5):707-15

Zinc absorption and leukocyte zinc in alcoholic and nonalcoholic cirrhosis. Valberg LS, et al. **Dig Dis Sci** 1985 Apr;30(4):329-33

Naproxen disposition in patients with alcoholic cirrhosis. Williams RL, et al. **Eur J Clin Pharmacol** 1984;27(3):291-6

Changes of collagen types at various stages of human liver cirrhosis. Murata K, et al. **Hepatogastroenterology** 1984 Aug;31(4):158-61

Biliary and urinary excretion of sulfated, glucuronidated and tetrahydroxylated bile acids in cirrhotic patients. Stiehl A, et al. **Hepatology** 1985 May-Jun;5(3):492-5

Binding and disposition of sulfisoxazole in alcoholic cirrhosis. Cello JP, et al. **J Pharmacokinet Biopharm** 1985 Feb; 13(1):1-12

Insulin uptake by the human alcoholic cirrhotic liver. Nygren A, et al. **Metabolism** 1985 Jan;34(1):48-52

[Distribution of types I and III collagens in hepatic cirrhosis by the picrosirius polarization method] Toppa NH, et al.
Arq Gastroenterol 1984 Jul-Sep;21(3):116-8 (Eng. Abstr.) **(Por)**

MORTALITY

Survival of alcoholic v nonalcoholic patients after portasystemic shunts. Brown SL, et al. **Arch Surg** 1984 Nov;119(11):1321-4

Has mortality related to alcohol decreased in Sweden? Romelsjö A, et al. **Br Med J [Clin Res]** 1985 Jul 20; 291(6489):167-70

OCCURRENCE

Increased susceptibility of women to alcohol: is beer the reason? [letter] Nanji AA, et al. **N Engl J Med** 1985 Feb 28;312(9):585

[Sex-related difference in the epidemiology of alcoholic cirrhosis] Takagi S, et al.
Nippon Shokakibyo Gakkai Zasshi 1984 Aug;81(8):1867 **(Jpn)**

PATHOLOGY

Peritoneoscopy of alcoholic liver cirrhosis in comparison with non-alcoholic liver cirrhosis. Kitadai M, et al.
Acta Med Okayama 1985 Apr;39(2):105-12

Liver connective tissue cells isolated from human schistosomal fibrosis or alcoholic cirrhosis represent a modified phenotype of smooth muscle cells. Borojevic R, et al. **Biol Cell** 1985;53(3):231-8

Unilateral pleural effusion without clinical ascites in Laennec's cirrhosis. Llaneza PP, et al. **Dig Dis Sci** 1985 Jan;30(1):88-91

Relationships between liver histologic lesions and portal hypertension in patients with alcoholic cirrhosis [letter]
Hepatology 1985 Jul-Aug;5(4):703-5

Cirrhosis and hepatocellular carcinoma: a 13 year necropsy study with attention to the role of alcohol. McDonald GS, et al. **Ir J Med Sci** 1985 Apr;154(4):140-5

Sinusoids in human cirrhotic nodules: better identification with the perfusion fixation technique. Lamouliatte H, et al. **J Submicrosc Cytol** 1985 Apr;17(2):279-86

Perivenular fibrosis as precursor lesion of cirrhosis. Worner TM, et al. **JAMA** 1985 Aug 2;254(5):627-30

Hepatic fat and alcoholic cirrhosis. **Nutr Rev** 1985 Apr; 43(4):124-5

[Case of a patient with liver cirrhosis and Silvestrini-Corda syndrome] Brailski Kh, et al. **Vutr Boles** 1984;23(6):64-7 (Eng. Abstr.) **(Bul)**

[Alcohol-induced liver damage in a 3-year-old child] Du Chesne A, et al. **Padiatr Grenzgeb** 1984;23(4):185-8 (Eng. Abstr.) **(Ger)**

[Changes in the intermediate filament cytoskeleton of liver cells in alcoholic liver injury] Denk H, et al.
Wien Klin Wochenschr 1985 Apr 12;97(8):354-8 (25 ref.) (Eng. Abstr.) **(Ger)**

[A clinicopathological study on liver injury in patients with chronic alcoholic pancreatitis] Takeuchi K.
Nippon Shokakibyo Gakkai Zasshi 1984 Dec;81(12):2940-50 (Eng. Abstr.) **(Jpn)**

[Perivenule and pericellular fibrosis--variant of alcoholic cirrhosis of the liver] Mansurov KhKh, et al.
Klin Med (Mosk) 1985 Mar;63(3):40-4 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Differential effect of chronic alcohol intake and poor nutrition on body weight and fat stores. World MJ, et al. **Alcohol Alcohol** 1984;19(4):281-90

Cardiac performance in patients with asymptomatic alcoholic cirrhosis of the liver. Kelbaek H, et al. **Am J Cardiol** 1984 Oct 1;54(7):852-5

Effect of two different preparations of somatostatin on intra-portal pressure in patients with liver cirrhosis. Thulin L. **Clin Physiol** 1984 Oct;4(5):439-42

Ascitic fluid pH in alcoholic cirrhosis: a reevaluation of its use in the diagnosis of spontaneous bacterial peritonitis.

Scemama-Clergue J, et al. **Gut** 1985 Apr;26(4):332-5

Resorption of ascites in decompensated cirrhosis [letter] Henriksen JH, et al. **J Lab Clin Med** 1985 Jun;105(6):759-60

No rise in glomerular filtration rate after protein load in severe liver disease [letter] Hirschberg R, et al. **Lancet** 1984 Nov 3;2(8410):1047-8

Effects of water immersion on plasma catecholamines in decompensated cirrhosis. Implications for deranged sodium and water homeostasis. Epstein M, et al. **Miner Electrolyte Metab** 1985;11(1):25-34

Increased intestinal hydrolysis of urea in patients with alcoholic cirrhosis. Hansen BA, et al. **Scand J Gastroenterol** 1985 Apr;20(3):346-50

[Preliminary results of a prospective study of microcirculatory disorders in alcoholic fibro-cirrhosis. Relation to hyperestrogenism] Janbon C, et al. **J Mal Vasc** 1985;10 Suppl A:173-5 (Eng. Abstr.) **(Fre)**

[Anomalies of glycoregulation in alcoholic cirrhosis of the liver] Charbonnel B, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:125-36 (48 ref.) **(Fre)**

[Polygraphic study of left ventricular function in severe hepatitis cirrhosis] Randazzo A, et al. **G Ital Cardiol** 1984 Jul;14(7):525-9 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Choline fails to prevent liver fibrosis in ethanol-fed baboons but causes toxicity. Lieber CS, et al. **Hepatology** 1985 Jul-Aug;5(4):561-72

PSYCHOLOGY

The effect of lactulose on psychomotor performance tests in alcoholic cirrhotics without overt hepatic encephalopathy. McClain CJ, et al. **J Clin Gastroenterol** 1984 Aug;6(4):325-9

RADIOGRAPHY

Evaluation of retroperitoneal portasystemic collaterals by intravenous DSA. Beskin RR, et al. **J La State Med Soc** 1985 Aug;137(8):45-7

RADIONUCLIDE IMAGING

Demonstrating alcoholic cirrhosis of the liver by Tc-99m BIDA scintigram. Shih WJ, et al. **Clin Nucl Med** 1984 Aug;9(8):444-9

Overestimation of splenic size and underestimation of hepatic size by radiocolloid scintigraphy in advanced cirrhosis of the liver: an autopsy correlation. Shih WJ, et al. **Nucl Med Commun** 1985 May;6(5):269-73

[Hepatic gammagraphy in alcoholism. Its relation to digestive radiology] Navarro Izquierdo AL, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):523-9 (Eng. Abstr.) **(Spa)**

SURGERY

[The LeVeen peritoneovenous shunt--an alternative in therapy-resistant ascites] Pahlig H, et al. **Zentralbl Chir** 1985;110(13):835-41 (Eng. Abstr.) **(Ger)**

LIVER CIRRHOSIS, BILIARY

BLOOD

Increased concentration of high density lipoprotein in plasma and decreased platelet aggregation in primary biliary cirrhosis. Baruch Y, et al. **Atherosclerosis** 1984 Nov;53(2):151-62

Primary biliary cirrhosis, dark adaptometry, electro-oculography, and vitamin A state. Shepherd AN, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1484-5

Abnormal high density lipoprotein of primary biliary cirrhosis analyzed by high performance liquid chromatography. Teramoto T, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):135-48

Plasma lipoproteins and apoproteins in primary biliary cirrhosis. Koga S, et al. **Hepatology** 1985 Mar-Apr;5(2):286-92

Serum beta 2-microglobulin levels in primary biliary cirrhosis. Nyberg A, et al. **Hepatology** 1985 Mar-Apr;5(2):282-5

Platelet aggregation and release of ATP in patients with hepatic cirrhosis. Ingeberg S, et al. **Scand J Gastroenterol** 1985 Apr;20(3):285-8

[Circulating anticoagulants of the lupus type in asymptomatic primary biliary cirrhosis] Lieberman D, et al. **Harefuah** 1984 Dec 2;107(11):334-6 (Eng. Abstr.) **(Heb)**

[Value of determining bile acids in the blood of patients with chronic cholestatic hepatitis and primary biliary cirrhosis] Radchenko VG, et al. **Vrach Delo** 1985 May;(5):26-8 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Petechiae and vasculitis in asymptomatic primary biliary cirrhosis. Diederichsen H, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):263-6

Vitiligo and primary biliary cirrhosis [letter] Enat R, et al. **Am J Gastroenterol** 1984 Oct;79(10):804-5

Membranous nephropathy associated with primary biliary cirrhosis and bullous pemphigoid. Singhal PC, et al. **Ann Allergy** 1985 Sep;55(3):484-5

Primary biliary cirrhosis in the elderly. Mondal BK, et al. **Br J Clin Pract** 1985 Jul;39(7):295, 297

The association of lichen sclerosus et atrophicus and primary biliary cirrhosis [letter] Lavery HA, et al. **Br J Dermatol** 1985 Jun;112(6):729-30

Vasculitis as a presenting manifestation of primary biliary cirrhosis: a case report. Terkeltaub R, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):67-73

Rendu-Osler-Weber-like telangiectasia associated with primary biliary cirrhosis. Hays SB, et al. **Cutis** 1985 Feb;35(2):152-3

Primary biliary cirrhosis associated with coeliac disease and dermatitis herpetiformis. Gabrielsen TO, et al. **Dermatologica** 1985;170(1):31-4

Pathogenesis of steatorrhea in primary biliary cirrhosis. Lanspa SJ, et al. **Hepatology** 1985 Sep-Oct;5(5):837-42

[Primary biliary cirrhosis and sarcoidosis. Association or unique disease?] Bories C, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):851-5 (Eng. Abstr.) **(Fre)**

[Pericarditis disclosing primary biliary cirrhosis (letter)] Ducloux G, et al. **Presse Med** 1985 Jan 26;14(3):161-2 **(Fre)**

[Serum calcitonin and adrenal steroid serum levels in primary biliary cirrhosis (effect of intravenous calcium)] Szalay F, et al. **Orv Hetil** 1984 Oct 14;125(42):2541-4, 2547 (Eng. Abstr.) **(Hun)**

[Repeated plasma exchange for xanthomatosis in a case of primary biliary cirrhosis] Szalay F, et al. **Orv Hetil** 1984 Nov 11;125(46):2797-801 (Eng. Abstr.) **(Hun)**

[Pancreatic injury in primary biliary cirrhosis] Kidani H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2544-51 (Eng. Abstr.) **(Jpn)**

[A case of primary biliary cirrhosis complicated with CRST syndrome] Moriyama M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1398-401 **(Jpn)**

[Fatal case of juvenile primary biliary cirrhosis complicated with intra-abdominal hemorrhage] Saitoh K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1848-52 **(Jpn)**

[Changes in the skeletal system in primary biliary liver cirrhosis] Loginov AS, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):19-24 (Eng. Abstr.) **(Rus)**

[Sarcoidosis and primary biliary cirrhosis (letter)] Solovera Cano JJ, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):41 **(Spa)**

DIAGNOSIS

Early features of primary biliary cirrhosis: an analysis of 85 patients. Crowe J, et al. **Am J Gastroenterol** 1985 Jun;80(6):466-8

Comparison of the clinicopathologic features of primary sclerosing cholangitis and primary biliary cirrhosis. Wiesner RH, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):108-14

Is primary biliary cirrhosis a different disease in the elderly? Lehmann AB, et al. **Gerontology** 1985;31(3):186-94

[Asymptomatic primary biliary cirrhosis. Value of fractionating antimitochondrial antibodies] Salmon I, et al. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):500-5 (Eng. Abstr.) **(Fre)**

[Radionuclide and sonographic diagnosis of fibrocholangiocystosis of the liver in children] Zubovskii GA, et al. **Pediatriia** 1984 Sep;(9):38-41 **(Rus)**

DRUG THERAPY

Effects of penicillamine on serum immunoglobulins and immune complex-reactive material in primary biliary cirrhosis. Bodenheimer HC Jr, et al. **Gastroenterology** 1985 Feb;88(2):412-7

D-penicillamine for primary biliary cirrhosis. James OF. **Gut** 1985 Feb;26(2):109-13

Double blind controlled trial of d-penicillamine in patients with primary biliary cirrhosis. Neuberger J, et al. **Gut** 1985 Feb;26(2):114-9

Pemphigus erythematosus, primary biliary cirrhosis, and D-penicillamine: report of a case [letter] Gibson LE, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):883-5

Trial of penicillamine in advanced primary biliary cirrhosis. Dickson ER, et al. **N Engl J Med** 1985 Apr 18;312(16):1011-5

[A case of asymptomatic PBC accompanied by glycyrrhizin-induced pseudoaldosteronism] Ono T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3023-7 **(Jpn)**

ETIOLOGY

Biliary cystadenoma of the common bile duct with secondary biliary cirrhosis. Report of a case. Thomsen P, et al. **Acta Med Scand** 1984;216(3):327-30

[Unusual development of visceral leishmaniasis. Considerations apropos of a case] Carmenini G, et al. **Clin Ter** 1985 Jun 15;113(5):393-9 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

Liver disease and the PI ElembergM phenotype of alpha 1-antitrypsin. Berninger RW, et al. **Am J Clin Pathol** 1985 Apr;83(4):503-6

Familial intrahepatic cholestatic cirrhosis in young adults. Haratake J, et al. **Gastroenterology** 1985 Jul;89(1):202-9

IMMUNOLOGY

Anti-acetylcholine receptor antibodies in primary biliary cirrhosis. Sundewall AC, et al. **Acta Med Scand** 1985;217(5):519-25

Primary biliary cirrhosis and autoimmune disorders: a review. Grant S, et al. **Ariz Med** 1985 Jul;42(7):409-11

Correlation of oligomycin-sensitive ATPase activity in trypanosomes with their content of an antigen to primary biliary cirrhosis. Uzoegwu P, et al. **Cell Biol Int Rep** 1984 Nov;8(11):981-6

Detection of an antigen to primary biliary cirrhosis in wild type and petite mutant Saccharomyces cerevisiae. Uzoegwu PN, et al. **Cell Biol Int Rep** 1984 Nov;8(11):987-92

Inhibition of the adenine nucleotide translocator by organ specific autoantibodies in primary biliary cirrhosis. Schultheiss HP, et al. **Clin Exp Immunol** 1984 Dec;58(3):596-602

Lymphocytotoxic antibodies in primary biliary cirrhosis. Parés A, et al. **Dig Dis Sci** 1985 Sep;30(9):829-33

Abnormal natural killer cytotoxicity in primary biliary cirrhosis: evidence for a functional deficiency of cytolytic effector cells. James SP, et al. **Gastroenterology** 1985 Jul;89(1):165-71

Mononuclear cell complement receptor blockade in primary biliary cirrhosis. Al-Aghbar MN, et al. **Gut** 1985 Jan;26(1):20-5

HLA-DR antigens in primary biliary cirrhosis: lack of association. Bassendine MF, et al. **Gut** 1985 Jun;26(6):625-8

Mitochondrial antibodies in primary biliary cirrhosis: species and nonspecies specific determinants of M2 antigen. Lindenborn-Fotinos J, et al. **Hepatology** 1985 Sep-Oct;5(5):763-9

Multiplicity of mitochondrial inner membrane antigens from beef heart reacting with antimitochondrial antibodies in sera of patients with primary biliary cirrhosis. Ishii H, et al. **Immunol Lett** 1985;9(6):325-30

Serum Fc gamma-receptor-like molecules in primary biliary cirrhosis: a possible immunoregulatory mechanism. MacLean CA, et al. **Immunology** 1984 Oct;53(2):315-24

Immunomorphological characterisation of antinuclear antibodies in chronic liver disease. Cassani F, et al. **J Clin Pathol** 1985 Jul;38(7):801-5

Reactivity of anti-mitochondrial autoantibodies in primary biliary cirrhosis: definition of two novel mitochondrial polypeptide autoantigens. Frazer IH, et al. **J Immunol** 1985 Sep;135(3):1739-45

A simple enzyme-linked immunosorbent assay for detection of anti-mitochondrial antibodies. Kenna JG, et al. **J Immunol Methods** 1984 Oct 26;73(2):401-13

Complement activation in primary biliary cirrhosis: an in vitro model. Lindgren S, et al. **J Lab Clin Med** 1985 Apr;105(4):432-5

Aberrant expression of HLA-DR antigens on bileduct epithelium in primary biliary cirrhosis: relevance to pathogenesis. Ballardini G, et al. **Lancet** 1984 Nov 3;2(8410):1009-13

Immunohistochemical characterization of inflammatory infiltrates in primary biliary cirrhosis. van den Oord JJ, et al. **Liver** 1984 Aug;4(4):264-74

The anticentromere antibody: disease specificity and clinical significance. Powell FC, et al. **Mayo Clin Proc** 1984 Oct;59(10):700-6

Primary biliary cirrhosis--phenotypic characterization of immunocompetent cells in peripheral blood and liver tissue. Karlsson-Parra A, et al. **Ups J Med Sci** 1984;89(3):254-65

Primary sclerosing cholangitis--an immunologically mediated disease? Chapman RW, et al. **West J Med** 1985 Aug;143(2):193-5

[Primary biliary cirrhosis: an immunological puzzle] Bernuau D. **Gastroenterol Clin Biol** 1984 Nov;8(11):829-32 **(Fre)**

[Biclonal gammopathy in asymptomatic primary biliary cirrhosis (letter)] Tebib J, et al. **Presse Med** 1984 Oct 13;13(36):2209-10 **(Fre)**

[Primary biliary cirrhosis and scleroderma: long-term benign course of a complex autoimmune disease] Pollak C, et al. **Leber Magen Darm** 1985 Mar;15(2):85-9 (Eng. Abstr.) **(Ger)**

[Clinical significance of antimitochondrial antibodies] Rüegg R, et al. **Schweiz Med Wochenschr** 1985 Mar 2;115(9):290-6 (Eng. Abstr.) **(Ger)**

[Progress in the study of liver disease and immune abnormalities. b. Autoimmune liver diseases] Okubo H. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):760-3 **(Jpn)**

[Studies on the effect of estrogen on the antibody response in PWM-stimulated lymphocytes of patients with primary biliary cirrhosis in vitro] Ikemoto Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2526-31 (Eng. Abstr.) **(Jpn)**

[Primary biliary cirrhosis--an immunological problem] Pavlovskii MP, et al. **Sov Med** 1984;(11):51-5 (55 ref.) **(Rus)**

METABOLISM

Pharmacokinetic study of cyclosporin A (Sandimmun) in patients with primary biliary cirrhosis. Robson S, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):627-31

The metabolism of 7-ethoxycoumarin in human liver microsomes and the effect of primary biliary cirrhosis: implications for studies of drug metabolism in liver disease. Woodhouse KW, et al. **Br J Clin Pharmacol** 1985 Jul;

20(1):77-80

Effect of rifampicin treatment on hepatic drug metabolism and serum bile acids in patients with primary biliary cirrhosis. Hoensch HP, et al. **Eur J Clin Pharmacol** 1985; 28(4):475-7

Immunoglobulin-containing cells in liver biopsies of patients with chronic hepatitis and primary biliary cirrhosis. Van Spreeuwel JP, et al. **Histopathology** 1984 Jul;8(4):559-66

The copper-controlled diet: current aspects of dietary copper restriction in management of copper metabolism disorders. Smithgall JM. **J Am Diet Assoc** 1985 May;85(5):609-10 (30 ref.)

Hepatic copper distribution in primary biliary cirrhosis shown by the scanning proton microprobe. Vaux DJ, et al. **J Clin Pathol** 1985 Jun;38(6):653-8

Poor sulphoxidation in primary biliary cirrhosis [letter] Olomu A, et al. **Lancet** 1985 Jun 29;1(8444):1504

The lysosomal copper concentration in the liver in primary biliary cirrhosis. Janssens AR, et al. **Liver** 1984 Dec; 4(6):396-401

OCCURRENCE

The prevalence and clinical spectrum of primary biliary cirrhosis in a defined population. Eriksson S, et al. **Scand J Gastroenterol** 1984 Oct;19(7):971-6

Incidence and prevalence of primary biliary cirrhosis in a defined population in Sweden. Löfgren J, et al. **Scand J Gastroenterol** 1985 Jun;20(5):647-50

[Primary biliary cirrhosis: 10 cases followed for 10 years in Israel (letter)] Ben-Elisha M, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):545-6 **(Fre)**

PATHOLOGY

Primary biliary cirrhosis. Peters RL. **Gastroenterology** 1985 Jun;88(6):1998-2000

Sequential and diagnostic features in primary biliary cirrhosis based on serial histologic study in 209 patients. Portmann B, et al. **Gastroenterology** 1985 Jun;88(6):1777-90

Bile duct lesions and diminution in number of intrahepatic bile ducts in asymptomatic primary biliary cirrhosis. Yamada S, et al. **Jpn J Med** 1985 May;24(2):109-20

[Ultrastructural findings in intrahepatic bile ducts in primary biliary cirrhosis] Chlumská A. **Cesk Patol** 1984 Aug; 20(3):161-9 (Eng. Abstr.) **(Cze)**

[Byler's disease. Ultrastructural study. Apropos of a case in an infant] Pincon JA, et al. **Pediatrie** 1984 Jun;39(4):279-88 (Eng. Abstr.) **(Fre)**

[Liver cirrhosis in erythropoetic protoporphyria: erythrohepatic protoporphyria] Doss M, et al. **Internist (Berlin)** 1985 Jul;26(7):441-5 **(Ger)**

PHYSIOPATHOLOGY

Electrophysiological studies in primary biliary cirrhosis. Zeitlhofer J, et al. **Eur Neurol** 1984;23(4):247-51

Asymptomatic primary biliary cirrhosis. A progress report on long-term follow-up and natural history. Beswick DR, et al. **Gastroenterology** 1985 Aug;89(2):267-71

Renal tubular damage depresses renal uric acid excretion in primary biliary cirrhosis [letter] Parés A, et al. **Hepatology** 1984 Nov-Dec;4(6):1265-6

RADIOGRAPHY

The pancreatic ducts in primary biliary cirrhosis and sclerosing cholangitis. Fausa O, et al. **Scand J Gastroenterol [Suppl]** 1985;107:32-5

SURGERY

[Results of the surgical treatment of fibrocholangiocystosis of the liver in children] Leont'ev AF, et al. **Vestn Khir** 1984 Aug;133(8):96-9 (Eng. Abstr.) **(Rus)**

[Orthotopic liver transplantation in a patient with primary biliary cirrhosis] Margarit C, et al. **Med Clin (Barc)** 1985 May 25;84(20):822-4 (Eng. Abstr.) **(Spa)**

THERAPY

Role of plasmapheresis in primary biliary cirrhosis. Cohen LB, et al. **Gut** 1985 Mar;26(3):291-4

The clinical effectiveness and safety of chronic plasmapheresis in patients with primary biliary cirrhosis. Ambinder EP, et al. **J Clin Apheresis** 1985;2(3):219-23

Primary biliary cirrhosis [editorial] James SP. **N Engl J Med** 1985 Apr 18;312(16):1055-7

LIVER CIRRHOSIS, EXPERIMENTAL

CHEMICALLY INDUCED

Rapid induction of cirrhosis by administration of carbon tetrachloride plus phospholipase D. Ozeki T, et al. **Br J Exp Pathol** 1985 Aug;66(4):385-90

COMPLICATIONS

Pulmonary interstitial edema in experimental cirrhosis of the liver in rats. Furukawa T, et al. **Eur Surg Res** 1984; 16(6):366-71

[Morphologic changes in the kidneys in experimental cholino-protein deficiency] Trushina EN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):44-51 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Plasma prolidase in the rat: no index of liver fibrosis [letter] Zuyderhoudt FM, et al. **Clin Chem** 1985 Apr;31(4):662

Changes of aldolase and pyruvate kinase isoenzymes during liver cirrhosis induction with carbon tetrachloride and 2-acetylamino-fluorene. Gruszka S, et al. **Mater Med Pol** 1984 Apr-Dec;16(2-4):75-80

[Collagen resorption by macrophages and fibroblasts in liver cirrhosis] Ryvniak VV. **Biull Eksp Biol Med** 1985 Jul; 100(7):106-8 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Temporal relationship between hyperaldosteronism, sodium retention and ascites formation in rats with experimental cirrhosis. Jiménez W, et al. **Hepatology** 1985 Mar-Apr; 5(2):245-50

IMMUNOLOGY

Experimental cirrhosis and deposition of glomerular IgA immune complexes. Woodroffe AJ, et al. **Contrib Nephrol** 1984;40:51-4

METABOLISM

Microsomal protein synthesis and induction of cytochrome P-450 in cirrhotic rat liver. Farrell GC, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):291-301

PATHOLOGY

The hepatic extracellular matrix. II. Electron immunohistochemical studies in rats with CCl4-induced cirrhosis. Martinez-Hernandez A. **Lab Invest** 1985 Aug; 53(2):166-86 (65 ref.)

[Lysosome participation in collagen resorption by hepatocytes during regression of liver cirrhosis] Ryvniak VV. **Biull Eksp Biol Med** 1984 Dec;98(12):746-8 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Decreased pressor reactivity to angiotensin II in cirrhotic rats. Evidence for a post-receptor defect in angiotensin action. Murray BM, et al. **Circ Res** 1985 Sep;57(3):424-31

Increased blood flow through the portal system in cirrhotic rats. Vorobioff J, et al. **Gastroenterology** 1984 Nov; 87(5):1120-6

Localization of increased hepatic vascular resistance in liver cirrhosis. Shibayama Y, et al. **Hepatology** 1985 Jul-Aug; 5(4):643-8

LIVER CIRRHOSIS, OBSTRUCTIVE see **LIVER CIRRHOSIS, BILIARY**

LIVER DISEASES

Abstracts of papers submitted to the American Association for the Study of Liver Disease. Annual meeting, May 11-17, 1985, New York. **Gastroenterology** 1985 May;88(5 Pt 2):1645-709

Diabetes mellitus and chronic liver disease [letter] Cacciatore L, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1292

The British Society of Gastroenterology. 1984 annual meeting, Liverpool. Abstracts. **Gut** 1984 Oct; 25(10):A1129-93

The American Association for the Study of Liver Diseases: 35th annual meeting and postgraduate course. November 8-9, 1984 and November 10-11, 1984, Chicago, Illinois. Abstracts. **Hepatology** 1984 Sep-Oct;4(5):985-1101

American College of Nutrition. 25th annual meeting. Symposium on nutritional management of gastrointestinal and liver diseases and other advances in clinical nutrition. September 20-22, 1984. Boston, Massachusetts. Program and abstracts. **J Am Coll Nutr** 1984;3(3):199-300

Acute hepatic failure in children. Partin JC. **Pediatr Ann** 1985 Jun;14(6):446-7

[Subacute hepatic failure] Sheen IS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Dec;83(12):1268-73 (Eng. Abstr.) **(Chi)**

[Acute liver porphyrias. I. Clinical and biochemical findings in 45 patients (1981-1982)] Kordač V, et al. **Cas Lek Cesk** 1984 Aug 17;123(33):1009-14 (Eng. Abstr.) **(Cze)**

[The role of the hepatologist in preoperative preparation and postoperative care of patients with liver diseases] Brodanová M. **Rozhl Chir** 1984 Dec;63(12):839-44 (Eng. Abstr.) **(Cze)**

[20th forum on hepato-gastroenterology research. 9th French-language seminar on hepatology and gastroenterology. Brussels, 11-14 March 1985. Abstracts] **Gastroenterol Clin Biol** 1985;9(2 Pt 2):1A-219A **(Fre)**

[Porphyria cutanea tarda (PCT)] Goerz G, et al. **Z Hautkr** 1985 Jan;60(1-2):137-46 (51 ref.) (Eng. Abstr.) **(Ger)**

[Abstracts of presentations at the national meeting of the Asociación Mexicana de Gastroenterología 1984] **Rev Gastroenterol Mex** 1984 Oct-Dec;49(4):265-355 **(Spa)**

BLOOD

Absence of circulating desialylated thyroxine-binding globulin in patients with hepatobiliary disease. Costante G, et al. **Acta Endocrinol (Copenh)** 1985 Mar;108(3):392-400

Liver affection in iron overload studied with serum ferritin and serum aminotransferases. Olsson KS, et al. **Acta Med Scand** 1985;217(1):79-84

Clinical significance of fasting serum bile acid in the long-term observation of chronic liver disease. Kishimoto Y, et al. **Am J Gastroenterol** 1985 Feb;80(2):136-8

Serum amyloid P-component as a marker of liver involvement in measles infection. Levo Y, et al. **Am J Gastroenterol** 1985 May;80(5):391-2

Plasma bile salt levels in patients presenting with generalised pruritus: an improved indicator of occult liver disease. Lawrence CM, et al. **Ann Clin Biochem** 1985 May;22 (Pt 3):232-5

Determination of 3 beta-hydroxy-5-cholenoic acid in serum of hepatobiliary diseases--its glucuronidated and sulfated conjugates. Takikawa H, et al. **Biochem Med** 1985 Jun; 33(3):393-400

Polymerized human serum albumin binding activity of sera from patients with various liver disorders (studied by a passive hemagglutination test). Claustres M, et al. **Biomed Pharmacother** 1985;39(2):100-2

Serum Apo B levels in hepatocellular failure. Tarantino G, et al. **Boll Chim Farm** 1983 Mar;122(3):7S-18S

The effect of acute liver damage on circulating ferritin levels in vivo and in the isolated perfused rat liver. Mack U, et al. **Br J Exp Pathol** 1985 Apr;66(2):185-91

Protoporphyrin accumulation by mitogen stimulated lymphocytes and protoporphyrinogen oxidase activity in patients with porphyria variegata and erythropoietic protoporphyria: evidence for deficiency of protoporphyrinogen oxidase and ferrochelatase in both diseases. Siepker LJ, et al. **Br J Haematol** 1985 May; 60(1):65-74

Thiamine concentrations in liver disease [letter] Anderson SH, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1077-8

Falsely raised plasma digoxin concentrations in liver disease. Nanji AA, et al. **Br Med J [Clin Res]** 1985 Feb 9; 290(6466):432-3

Plasma ornithine carbamyl transferase level as an indicator of ischaemic injury of rat liver. Frederiks WM, et al. **Cell Biochem Funct** 1984 Oct;2(4):217-20

High-density lipoprotein phospholipid concentrations in serum of patients with liver disease [letter] Akaike M, et al. **Clin Chem** 1985 Jun;31(6):1083-4

Falsely increased results for digoxin in sera from patients with liver disease: ten immunoassay kits compared [letter] Greenway DC, et al. **Clin Chem** 1985 Jun;31(6):1078-9

Lack of effect of ceftazidime on serum glucose in patients with liver disease. Beam TR Jr, et al. **Clin Pharm** 1985 Jan-Feb;4(1):72-4

Quantification of individual serum bile acids in patients with liver diseases using high-performance liquid chromatography. Okuda H, et al. **Hepatogastroenterology** 1984 Aug;31(4):168-71

Increased serum levels of hyaluronate in liver disease. Engström-Laurent A, et al. **Hepatology** 1985 Jul-Aug; 5(4):638-42

The N-terminal propeptide of collagen type III in serum reflects activity and degree of fibrosis in patients with chronic liver disease. Frei A, et al. **Hepatology** 1984 Sep-Oct;4(5):830-4

Decreased serum group-specific component protein levels and complexes with actin in fulminant hepatic necrosis. Lee WM, et al. **Hepatology** 1985 Mar-Apr;5(2):271-5

The blue glass and the predictive value of serum amino-terminal propeptide of type III procollagen as a marker of liver fibrosis. Rojkind M. **Hepatology** 1984 Sep-Oct;4(5):977-8

Long-term follow-up of serum N-terminal propeptide of collagen type III levels in patients with chronic liver disease. Weigand K, et al. **Hepatology** 1984 Sep-Oct; 4(5):835-8

High performance gel-chromatography as a parameter for the progress of hepatic failure in dogs. Kawanishi H, et al. **Hiroshima J Med Sci** 1984 Mar;33(1):57-63

Cefotaxime and desacetyl-cefotaxime blood levels in hepatic dysfunction. Graninger W, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:143-6

Serum sialic acid in malignant tumors, bacterial infections, and chronic liver diseases. Stefenelli N, et al. **J Cancer Res Clin Oncol** 1985;109(1):55-9

Decreased binding of verapamil to plasma proteins in patients with liver disease. Giacomini KM, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):924-8

Pituitary and thyroid hormone levels before and after orthotopic hepatic transplantation and their responses to thyrotropin-releasing hormone. Van Thiel DH, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):569-74

Free 1,25-dihydroxyvitamin D levels in serum from normal subjects, pregnant subjects, and subjects with liver disease. Bikle DD, et al. **J Clin Invest** 1984 Dec;74(6):1966-71

New methods for the release of volatile sulfur compounds from human serum: its determination by Tenax trapping and gas chromatography and its application in liver diseases. Tangerman A, et al. **J Lab Clin Med** 1985 Aug; 106(2):175-82

The changes of contact factors and related inhibitors of the patients with chronic hemodialysis and live diseases. Kondo S, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb; 48(1):223-8

Falsely elevated digoxin concentrations in patients with liver disease. Rosenkranz B, et al. **Ther Drug Monit** 1985; 7(2):202–6

Behaviour of protein C inhibitor in intravascular coagulation and liver disease. Francis RB Jr, et al. **Thromb Haemost** 1984 Aug 31;52(1):71–4

Plasma fibronectin levels in clinical disease states and after cryoprecipitate infusion. Ragni MV, et al. **Thromb Haemost** 1984 Dec 29;52(3):321–4

Measurement of the ratio of primary to total bile acids in serum by enzymatic fluorometric microassay and its clinical significance in patients with liver disease. Ikawa S, et al. **Tohoku J Exp Med** 1985 Feb;145(2):185–95

Standard-deviation-index-pattern analysis of blood chemical data in health check-ups for chronic liver disease. A clinico-pathological study. Niwa M, et al. **Tokai J Exp Clin Med** 1984 Aug;9(3):237–47

The relation of preoperative coagulation findings to diagnosis, blood usage, and survival in adult liver transplantation. Bontempo FA, et al. **Transplantation** 1985 May;39(5):532–6

[Application of direct spot hybridization to hepatitis B virus DNA in the serum of patients with liver diseases] Jiang WL. **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):231–2 (Eng. Abstr.) **(Chi)**

[Quantitative determination of plasma endotoxin in liver diseases and its clinical significance] Li P. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):340–4, 397 (Eng. Abstr.) **(Chi)**

[Clinical significance of plasma amino acid determination in patients with liver disease] Liu H, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):27–30, 63 (Eng. Abstr.) **(Chi)**

[Reduction in thrombocyte volume and thrombocyte count in liver disease] Jørgensen BB, et al. **Ugeskr Laeger** 1984 Oct 15;146(42):3198–201 (Eng. Abstr.) **(Dan)**

[Serum bile acids and liver disorders in total parenteral nutrition in children] Gorostiza E, et al. **Ann Pediatr (Paris)** 1985 Mar;32(3):211–7 (Eng. Abstr.) **(Fre)**

[Diagnostic significance of alpha-fetoproteins in hepatic pathology] Mebazaa A, et al. **Tunis Med** 1985 Mar; 63(3):237–40 (Eng. Abstr.) **(Fre)**

[Clinical value of serum concentration of total bile acids in chronic hepatopathies] Pazzi P, et al. **Minerva Med** 1985 Jan 28;76(3–4):105–12 (Eng. Abstr.) **(Ita)**

[Behavior of blood composition in chronic liver diseases] Petrella V, et al. **Minerva Med** 1985 May 31; 76(22–23):1071–5 (Eng. Abstr.) **(Ita)**

[Circulating free T3 in pregnancy, liver diseases, diabetes mellitus and thyroid diseases] Ohyama T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Oct 20;60(10):1227–34 (Eng. Abstr.) **(Jpn)**

[Plasma PIVKA-II levels in various liver diseases--with special reference to plasma PIVKA-II as a marker of hepatocellular carcinoma] Fujiyama S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):135 **(Jpn)**

[Endotoxemia in various liver diseases and gram-negative septicemia using Limulus color test (LCT)] Yajima Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct; 81(10):2538–43 (Eng. Abstr.) **(Jpn)**

[Lipoprotein-X as an indicator of cholestasis in liver and biliary tract diseases] Sawaryn T. **Wiad Lek** 1984 Oct 1; 37(19):1522–7 (32 ref.) (Eng. Abstr.) **(Pol)**

[Clinical evaluation of the NBT test in patients with chronic diffuse liver diseases] Petrov AL. **Lab Delo** 1984; (12):729–32 (Eng. Abstr.) **(Rus)**

[Fibrinogen in diseases of the liver and its effect on the development of hemorrhage] Paštrakuljić N. **Srp Arh Celok Lek** 1983 Sep–Oct;111(9–10):1317–23 (Eng. Abstr.) **(Scc)**

[Aggregatability of blood platelets and changes in plasma coagulation factors in patients with chronic liver diseases] Nosál M, et al. **Bratisl Lek Listy** 1984 Dec;82(6):1403–14 (Eng. Abstr.) **(Slo)**

[Significance of the determination of haptoglobin in chronic diseases of the liver] Fábryová V, et al. **Vnitr Lek** 1985 Jan;31(1):60–5 (Eng. Abstr.) **(Slo)**

CEREBROSPINAL FLUID

[Glutamine in cerebrospinal fluid in the diagnosis of altered consciousness of hepatic origin] González M, et al. **Rev Med Chil** 1984 May;112(5):463–8 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Pregnancy and porphyria cutanea tarda. Rajka G. **Acta Derm Venereol (Stockh)** 1984;64(5):444–5

The pill and the liver. Schiff L. **Acta Gastroenterol Latinoam** 1983;13(2):188–91 (24 ref.)

High incidence of peliosis hepatis in autopsy cases of aplastic anemia with special reference to anabolic steroid therapy. Wakabayashi T, et al. **Acta Pathol Jpn** 1984 Sep; 34(5):1079–86

Effect of toxic doses of progesterone on hepatotoxic effects of tetracycline. Böcker R, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):327–30

Changes in liver histology during methotrexate therapy of psoriasis correlated to the concentration of methotrexate and folate in erythrocytes. Hendel J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):321–6

Liver glutathione depletion induced by bromobenzene, iodobenzene, and diethylmaleate poisoning and its relation to lipid peroxidation and necrosis. Casini AF, et al. **Am J Pathol** 1985 Feb;118(2):225–37

Sex differences in halothane metabolism and hepatotoxicity in a rat model. Plummer JL, et al. **Anesth Analg** 1985 Jun; 64(6):563–9

Sodium valproate and routine liver function tests [editorial] Green SH. **Arch Dis Child** 1984 Sep;59(9):813–4

Streptokinase-induced subcapsular hematoma of the liver. Willis SM, et al. **Arch Intern Med** 1984 Oct;144(10):2084–5

Investigations into the mechanism of coumarin-induced hepatotoxicity in the rat. Lake BG. **Arch Toxicol [Suppl]** 1984;7:16–29

The role of pentachlorophenol in causing mitochondrial derangement in hexachlorobenzene induced experimental porphyria. Masini A, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1171–4

Reversal of liver damage due to long term methyltestosterone and safety of non-17 alpha-alkylated androgens. Lowdell CP, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):637

Halothane anaesthesia and liver damage. Neuberger J, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1136–9 (54 ref.)

Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine (Fansidar). Selby CD, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):113–4

Anoxic hepatic and intestinal injury from carbon monoxide poisoning [letter] Watson A, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1113

Hepatotoxicity following vincristine therapy. el Saghir NS, et al. **Cancer** 1984 Nov 1;54(9):2006–8

Methotrexate maintenance therapy and liver damage in psoriasis. van de Kerkhof PC, et al. **Clin Exp Dermatol** 1985 May;10(3):194–200

Hepatotoxicity of sodium valproate. Berkovic SF, et al. **Clin Exp Neurol** 1983;19:192–7

Hepatic injury due to environmental agents. Guzelian PS. **Clin Lab Med** 1984 Sep;4(3):483–8 (17 ref.)

Experimental DMNA induced hepatic necrosis: early course of haemostatic disorders in the rat. Cornillon B, et al. **Comp Biochem Physiol [C]** 1985;80(2):277–84

Drugs and the liver. Kolts BE, et al. **Compr Ther** 1984 Dec; 10(12):55–70

Low incidence of hepatotoxicity associated with long-term, low-dose oral methotrexate in treatment of refractory psoriasis, psoriatic arthritis, and rheumatoid arthritis. An acceptable risk/benefit ratio. Lanse SB, et al. **Dig Dis Sci** 1985 Feb;30(2):104–9

Favourable outcome of hepatic veno-occlusive disease in a renal transplant patient receiving azathioprine, treated by portacaval shunt. Report of a case and review of the literature. Eisenhauer T, et al. **Digestion** 1984;30(3):185–90

Acetaminophen overdose. Linden CH, et al. **Emerg Med Clin North Am** 1984 Feb;2(1):103–19 (134 ref.)

Liver function tests in workers with occupational exposure to polychlorinated biphenyls (PCBs): comparison with Yusho and Yu-Cheng. Fischbein A. **Environ Health Perspect** 1985 May;60:145–50

Effect of viable isolated hepatocytes or hepatocyte fractions on survival rate following galactosamine-induced acute liver failure. ten Berg RG, et al. **Eur Surg Res** 1985; 17(2):109–18

Toxicity of D-galactosamine for rat hepatocytes in monolayer culture. Tran-Thi TA, et al. **Exp Mol Pathol** 1985 Feb;42(1):89–116

Sanguinarine: its potential as a liver toxic alkaloid present in the seeds of Argemone mexicana. Dalvi RR. **Experientia** 1985 Jan 15;41(1):77–8

Hypersensitivity to endotoxin hepatotoxicity in rats with inflammatory lesions. Ishizuki S, et al. **Experientia** 1985 May 15;41(5):661–4

Effects of methapyrilene on rat hepatic xenobiotic metabolizing enzymes and liver morphology. Graichen ME, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):165–74

Amelioration of bromobenzene hepatotoxicity in the male rat by zinc. McMillan DA, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):297–304

A case of chronic liver disease due to tolazamide. Nakao NL, et al. **Gastroenterology** 1985 Jul;89(1):192–5

Plasma glutathione S-transferase measurements after paracetamol overdose: evidence for early hepatocellular damage. Beckett GJ, et al. **Gut** 1985 Jan;26(1):26–31

Impaired oxidation of debrisoquine in patients with perhexiline liver injury. Morgan MY, et al. **Gut** 1984 Oct; 25(10):1057–64

Severe liver injuries due to sulfamethoxazole-trimethoprim and sulfamethoxydiazine. Horák J, et al. **Hepatogastroenterology** 1984 Oct;31(5):199–200

Hepatic injury in the toxic oil syndrome [letter] Diaz de Rojas F, et al. **Hepatology** 1985 Jan–Feb;5(1):166–7

Hepatotoxicity from antithyroid drugs. Vitug AC, et al. **Horm Res** 1985;21(4):229–34

Lipopolysaccharide hyperreactivity of animals infected with Trypanosoma lewisi or Trypanosoma musculi. Ferrante A, et al. **Infect Immun** 1984 Nov;46(2):501–6

Disulfiram hepatotoxicity: case report. Black JL, et al. **J Clin Psychiatry** 1985 Feb;46(2):67–8

The role of lysosomes in the pathogenesis of copper-induced hepatotoxicity: morphological studies. Helman RG, et al. **J Comp Pathol** 1985 Jan;95(1):25–35

Acetaminophen liver injury: sequential changes in two biochemical indices of regeneration and their relationship to histologic alterations. Zieve L, et al. **J Lab Clin Med** 1985 May;105(5):619–24

Potentiation of the hepatotoxic effect of acetaminophen by prior administration of salicylate. Douidar SM, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):242–8

Formaldehyde and hepatotoxicity: a review. Beall JR, et al. **J Toxicol Environ Health** 1984;14(1):1–21 (88 ref.)

A comparison of the effects of hexachlorobenzene, beta-naphthoflavone, and phenobarbital on cytochrome P-450 and mixed-function oxidases in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):93–108

The effect of tetrachlorohydroquinone on hexachlorobenzene-induced porphyria in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):81–92

Photosensitized oxidation of tryptophan and hepatic dysfunction in neonatal gerbils. Bhatia J, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug;9(4):491–5

Ranitidine hepatotoxicity in renal transplant patient [letter] Hiesse C, et al. **Lancet** 1985 Jun 1;1(8440):1280

Side-effects of benoxaprofen [letter] Inman WH, et al. **Lancet** 1984 Dec 8;2(8415):1336

Usefulness of follow-up liver-function tests after dichloromethane exposure [letter] Puurunen J, et al. **Lancet** 1985 Apr 6;1(8432):822

Clinical experience with the use of charcoal haemoperfusion: is prostacyclin required? Kennedy HJ, et al. **Life Support Syst** 1985 Apr–Jun;3(2):115–22

Nyquil and acute hepatic necrosis [letter] Fleckenstein JL. **N Engl J Med** 1985 Jul 4;313(1):48

Hepatosplenic peliosis after danazol and glucocorticoids for ITP [letter] Nesher G, et al. **N Engl J Med** 1985 Jan 24; 312(4):242–3

Hepatotoxic reactions in children with severe tuberculosis treated with isoniazid-rifampin. Tsagaropoulou-Stinga H, et al. **Pediatr Infect Dis** 1985 May–Jun;4(3):270–3

Phenobarbital induction does not potentiate hepatotoxicity but accelerates liver cell necrosis from acetaminophen overdose in the rat. Poulsen HE, et al. **Pharmacology** 1985; 30(2):100–8

Cyclophosphamide-associated hepatotoxicity. Goldberg JW, et al. **South Med J** 1985 Feb;78(2):222–3

Hepatotoxic reaction to erythromycin ethylsuccinate. Patel J, et al. **South Med J** 1984 Oct;77(10):1343–4

Changes in plasma bile acid levels following challenge test for drug suspected to cause liver injury and their clinical significance in drug-induced liver injury. Iwamura K. **Tokai J Exp Clin Med** 1984 Jun;9(2):161–5

Changes of plasma bile acid levels and their clinical significance in drug-induced liver injury. Iwamura K. **Tokai J Exp Clin Med** 1984 Jun;9(2):109–17

Delineation of the role of metabolism in the hepatotoxicity of trichloroethylene and perchloroethylene: a dose-effect study. Buben JA, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):105–22

Cadmium-induced hepatic and renal injury in chronically exposed rats: likely role of hepatic cadmium-metallothionein in nephrotoxicity. Dudley RE, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):414–26

Bile secretion and liver microsomal mixed function oxidase system in mice with griseofulvin-induced hepatic protoporphyria. Cantoni L, et al. **Toxicology** 1983 May; 27(1):27–39

Increased hepatotoxicity of acetaminophen by concomitant administration of caffeine in the rat. Sato C, et al. **Toxicology** 1985 Feb;34(2):95–101

Efficacies of whole blood and plasma cross circulation on galactosamine induced hepatic failure rats. Okabe K, et al. **Trans Am Soc Artif Intern Organs** 1984;30:395–8

Peliosis hepatis after long-term androgen therapy. Nuzzo JL, et al. **Urology** 1985 May;25(5):518–9

[Hepatotoxicity of thiobenzamide in rats] Dršata J, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):176–8 (Eng. Abstr.) **(Cze)**

[Acute fatal hepatorenal failure during treatment with mithramycin] Hémon Y, et al. **Ann Fr Anesth Reanim** 1985; 4(3):301–3 (Eng. Abstr.) **(Fre)**

[Drug-induced lesions of the liver in a combination of cyclosporin A and a contraceptive (letter)] Leimenstoll G, et al. **Dtsch Med Wochenschr** 1984 Dec 21; 109(51–52):1989–90 **(Ger)**

[Correlation between thrombolytic therapy and liver rupture?] Pansold E, et al. **Z Arztl Fortbild (Jena)** 1985; 79(13):575–6 **(Ger)**

[Epidemiological studies of hematotoxic and hepatotoxic effects of benzene and benzene-containing solvent mixtures] Bittersohl KU, et al. **Z Gesamte Hyg** 1985 Mar; 31(3):168–70 (Eng. Abstr.) **(Ger)**

[Hepatotoxicity of non-steroidal anti-inflammatory drugs] Fanelli V, et al. **Clin Ter** 1985 Apr 15;113(1):39–47 (Eng. Abstr.) **(Ita)**

[Hepatic lesions caused by industrial chemical substances. New perspectives on research] Loi AM, et al. **G Ital Med Lav** 1983 Sep;5(5):227–32 (Eng. Abstr.) **(Ita)**

[Report of a case of Zieve's syndrome: possible relation to occupational exposure to industrial poisons] Fiorito A, et al. **Med Lav** 1984 Nov–Dec;75(6):486–90 (Eng. Abstr.) **(Ita)**

[Possible risk of liver diseases from exposure to bitumen]

Boari C, et al. **Minerva Med** 1985 May 31; 76(22-23):1059-61 (Eng. Abstr.) **(Ita)**

[Postoperative liver damage due to halothane. Should we stop using halothane for adult patients?] Raeder J, et al. **Tidsskr Nor Laegeforen** 1984 Oct 30;104(30):2097-9 **(Nor)**

[Effect of chronic hexachlorobenzene-induced hepatic porphyria on the course of acetylaminofluorene carcinogenesis in Wistar rats] Zawirska B, et al. **Patol Pol** 1984 Jan-Mar;35(1):11-28 (Eng. Abstr.) **(Pol)**

[Liver damage due to cytostatic agents] Tomík F, et al. **Bratisl Lek Listy** 1985 May;83(5):521-9 (Eng. Abstr.) **(Slo)**

[Liver function in alcoholic patients treated with cyanamide] Borja Villegas J. **Actas Luso Esp Neurol Psiquiatr** 1984 May-Jun;12(3):223-5 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

[The position of hepatoses in the classification of liver diseases] Cerný E. **Vnitr Lek** 1984 Nov;30(11):1073-7 (Eng. Abstr.) **(Cze)**

[Classification of liver diseases based on discriminant analysis of serum enzyme activities] Murai T, et al. **Rinsho Byori** 1984 Dec;32(12):1361-4 **(Jpn)**

[Clinico-biochemical classification of liver failure] Astapenko VG, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):30-4 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Lichen planus and the liver [letter] Rebora A, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):365

Cerebral edema associated with acute hepatic failure. Fujiwara M, et al. **Acta Med Okayama** 1985 Feb;39(1):73-5

Liver changes and complications in adult polycystic kidney disease. Grünfeld JP, et al. **Adv Nephrol** 1985;14:1-20

Vitamin E deficiency in adults with chronic liver disease. Sokol RJ, et al. **Am J Clin Nutr** 1985 Jan;41(1):66-72

Cholangiocellular carcinoma associated with multiple liver cysts. Imamura M, et al. **Am J Gastroenterol** 1984 Oct; 79(10):790-5

An investigation into the association between liver damage and metastatic uveal melanoma. Pascal SG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):448-53

Treatment of severe coagulation disturbances as a condition of improved prognosis in fulminant liver failure. Burghard R, et al. **Arch Dis Child** 1985 Feb;60(2):167-70

Coagulation disturbances and fulminant liver failure [letter] Mowat AP. **Arch Dis Child** 1985 Jul;60(7):686

Cholangiocellular carcinoma in polycystic kidney and liver disease. Landais P, et al. **Arch Intern Med** 1984 Nov; 144(11):2274-6

A study of liver biopsies and liver disease among hemophiliacs. Aledort LM, et al. **Blood** 1985 Aug; 66(2):367-72

Lichen planus and liver disease. Epstein O. **Br J Dermatol** 1984 Oct;111(4):473-5

Apparent portosystemic encephalopathy in patients with chronic liver disease. Kibbler CC, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):42-3

Non-cirrhotic intrahepatic portal hypertension in adults. Benhamou JP, et al. **Clin Gastroenterol** 1985 Jan; 14(1):21-31

Screening of patients with chronic liver disease for hepatocellular carcinoma by ultrasonography. Okazaki N, et al. **Clin Oncol** 1984 Sep;10(3):241-6

Fatal fulminant hepatic failure? [letter] Ozsoylu S. **Clin Pediatr (Phila)** 1985 Aug;24(8):470

Vibrio vulnificus and patients with liver disease. **FDA Drug Bull** 1985 Apr;15(1):5-6

Successful administration of metoclopramide for the treatment of nausea in patients with advanced liver disease. A double-blind controlled trial. Uribe M, et al. **Gastroenterology** 1985 Mar;88(3):757-62

Castleman's disease associated with hepatic amyloidosis. An immunohistochemical and ultrastructural study. Franco V, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):556-67

Chronic advanced liver disease and impotence: cause and effect? Cornely CM, et al. **Hepatology** 1984 Nov-Dec; 4(6):1227-30

Hyperinsulinemia in acute intermittent porphyria. Sixel-Dietrich F, et al. **Horm Metab Res** 1985 Jul; 17(7):375-6

Liver abnormalities in patients with lichen planus. A retrospective case-control study. Korkij W, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):609-15

Hepatobiliary disease that precedes ulcerative colitis. Steckman M, et al. **J Clin Gastroenterol** 1984 Oct;6(5):425-8

Visceral botryomycosis caused by Neisseria mucosa in a patient with chronic granulomatous disease. Washburn RG, et al. **J Infect Dis** 1985 Mar;151(3):563-4

Lichen planus and liver disease: how strong is the association? Scully C, et al. **J Oral Pathol** 1985 Mar;14(3):224-6

Adhesions as a primary cause of massive intraperitoneal bleeding. Lee D, et al. **J R Coll Surg Edinb** 1985 Apr; 30(2):135-6

Fulminant hepatic failure in the third trimester of pregnancy. A case report. Baker VV, et al. **J Reprod Med** 1985 Mar; 30(3):229-31

Cohort study of internal malignancy in genetic hemochromatosis and other chronic nonalcoholic liver diseases. Bradbear RA, et al. **JNCI** 1985 Jul;75(1):81-4

A case of hepatic hydrothorax. Nakamura T, et al. **Jpn J Med** 1985 May;24(2):169-73

Influence of hepatic reserve and cause of esophageal varices on survival and rebleeding before and after the introduction of sclerotherapy: a retrospective analysis. DiMagno EP, et al. **Mayo Clin Proc** 1985 Mar;60(3):149-57

Pulmonary aspects of chronic liver disease and liver transplantation. Krowka MJ, et al. **Mayo Clin Proc** 1985 Jun;60(6):407-18

Pregnant women with the expanded toxemia syndrome need special care. Goodlin RC. **Nebr Med J** 1984 Aug; 69(8):278-9

Biochemical studies of a patient with hereditary hepatorenal tyrosinemia: evidence of glutathione deficiency. Stoner E, et al. **Pediatr Res** 1984 Dec;18(12):1332-6

Alpha-1-antitrypsin associated liver disease in rheumatoid arthritis. Teh LG, et al. **Postgrad Med J** 1985 Feb; 61(712):171-2

The liver in systemic lupus erythematosus. Miller MH, et al. **Q J Med** 1984 Summer;53(211):401-9

Obstructive jaundice secondary to benign hepatic cyst. Clinkscales NB, et al. **Radiology** 1985 Mar;154(3):643-4

Hepatic abscess in a patient with polycystic liver disease. A case report. du Toit DF, et al. **S Afr Med J** 1985 Apr 6;67(14):559-60

Should the dose of antituberculosis drugs be reduced in patients with liver disease? Pillans PI. **S Afr Med J** 1985 Apr 6;67(14):527

Diabetes mellitus and the liver. Stone BG, et al. **Semin Liver Dis** 1985 Feb;5(1):8-28 (174 ref.)

Intrahepatic arterial aneurysm: treatment by ligation complicated by hepatic necrosis and biliary-cutaneous fistula. Medero M, et al. **South Med J** 1984 Dec; 77(12):1596-8

[Place of echography in the differential diagnosis of portal hypertension in cirrhosis and other diseases of the liver] Brailski Kh, et al. **Vutr Boles** 1984;23(5):34-42 **(Bul)**

[Endotoxemia and liver diseases] Li P. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):303-6 **(Chi)**

[Pregnancy toxemia with thrombocytopenia, hemolytic anemia and hepatic dysfunction] Hakala T, et al. **Duodecim** 1985;101(6):583-6 **(Fin)**

[Association of cryoglobulins and hepatic disease: incidence, nature and immunochemical characteristics of cryoglobulinemia] Zarski JP, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):845-50 (Eng. Abstr.) **(Fre)**

[Trigeminal sensory neuropathy disclosing sarcoidosis (letter)] Dupuy M, et al. **Presse Med** 1985 Feb 16; 14(7):426-7 **(Fre)**

[Cystic liver with acute hemorrhage (letter)] Zoller WG, et al. **Dtsch Med Wochenschr** 1985 Jul 26;110(30):1185-6 **(Ger)**

[Bacampicillin in urinary tract infections tolerance in patients with impaired kidney and liver function] Tauchnitz C, et al. **Immun Infekt** 1984 Nov;12(6):303-8 (Eng. Abstr.) **(Ger)**

[Endocrine and metabolic polyneuropathies] Meier C. **Internist (Berlin)** 1984 Oct;25(10):620-8 **(Ger)**

[EEG changes in acute and chronic liver diseases] Káli G. **Orv Hetil** 1984 Aug 12;125(33):1985-90 (Eng. Abstr.) **(Hun)**

[Renal tubular acidosis in chronic hepatopathies] Cotrozzi G, et al. **Clin Ter** 1984 Jul 15;110(1):23-8 (Eng. Abstr.) **(Ita)**

[Carcinoma originating in a hepatic cyst of polycystic disease--a case report] Kataoka K, et al. **Gan No Rinsho** 1985 Feb;31(2):199-205 (Eng. Abstr.) **(Jpn)**

[Lichen myxedematosus. I. Statistical studies on associated liver injury and successful treatment with melphalan] Sakuma M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov; 94(13):1521-9 **(Jpn)**

[Multiple diverticulosis of the small intestine with liver cyst] Shimotsuma N, et al. **Nippon Naika Gakkai Zasshi** 1985 May;74(5):606-10 **(Jpn)**

[Candidiasis of the liver in two patients with acute promyelocytic leukemia during initial remission induction] Miura I, et al. **Rinsho Ketsueki** 1985 Feb;26(2):234-40 (Eng. Abstr.) **(Jpn)**

[Acute intermittent porphyria and necrotic lesions of the myocardium] Bakshis IP, et al. **Ter Arkh** 1984;56(8):145-6 **(Rus)**

[Endogenous toxicity in acute hepatic failure and ways of eliminating it] Belokurov IuN, et al. **Vestn Khir** 1985 Jan; 134(1):60-4 (Eng. Abstr.) **(Rus)**

[Secondary gastroduodenal ulcers and erosions in patients with chronic liver and pancreatic diseases] Geller LI, et al. **Vrach Delo** 1984 Oct;(10):32-5 (Eng. Abstr.) **(Rus)**

[Hepatobiliary diseases as a risk factor in peptic ulcer] Voloshin AI. **Vrach Delo** 1984 Oct;(10):24-7 (Eng. Abstr.) **(Rus)**

[The liver and acquired disorders of hemostasis] Stefanović S, et al. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1279-85 (Eng. Abstr.) **(Scc)**

[Hepatic osteodystrophy in our environment] Suárez Jiménez MI, et al. **Rev Clin Esp** 1985 Mar;176(4):177-81 (Eng. Abstr.) **(Spa)**

[Laparoscopic manifestations of the gallbladder in hepatobiliary diseases] Bonet M, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):253-8 (Eng. Abstr.) **(Spa)**

CONGENITAL

Hepatobiliary scintigraphy for cholestasis in congenital hepatic fibrosis. Diagnosis and treatment. Stillman AE, et al. **Am J Dis Child** 1985 Jan;139(1):41-5

Congenital hepatic fibrosis--unusual presentations. Caine Y, et al. **Arch Dis Child** 1984 Nov;59(11):1094-6

Congenital hepatic fibrosis associated with Mallory bodies and copper retention. Evans J, et al. **Aust NZ J Med** 1984 Aug;14(4):500-3

Cerebro-hepato-renal (Zellweger) syndrome, adrenoleukodystrophy, and Refsum's disease: plasma changes and skin fibroblast phytanic acid oxidase. Poulos A, et al. **Hum Genet** 1985;70(2):172-7

Fetal cerebrohepatorenal (Zellweger) syndrome: dysmorphic, radiologic, biochemical, and pathologic findings in four affected fetuses. Powers JM, et al. **Hum Pathol** 1985 Jun;16(6):610-20

Congenital solitary nonparasitic cyst of the liver in an infant. Chatterjee H, et al. **Indian J Gastroenterol** 1985 Apr; 4(2):107-8

Congenital solitary cyst of neonatal liver [letter] Narasimharao KL, et al. **Indian Pediatr** 1984 Apr; 21(4):345-6

Congenital non-parasitic solitary cyst of the liver. Garred JL Sr, et al. **Iowa Med** 1985 Feb;75(2):65-6

Congenital hepatic fibrosis: a family study. Pereira-Lima J, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):626-9

The renal lesion of congenital hepatic fibrosis: pathologic and morphometric analysis, with comparison to the renal lesion of infantile polycystic disease. Helczynski L, et al. **Pediatr Pathol** 1984;2(4):441-55

Unsuccessful attempts to induce peroxisomes in two cases of Zellweger disease by treatment with clofibrate. Björkhem I, et al. **Pediatr Res** 1985 Jun;19(6):590-3

Congenital hepatic fibrosis and adult-type autosomal dominant polycystic kidney disease in a child. Lee FI, et al. **Postgrad Med J** 1985 Jul;61(717):641-2

[Congenital liver fibrosis associated with tubulointerstitial nephropathy resembling nephronophthisis in an 8-year-old boy] Schlegerová D, et al. **Cesk Pediatr** 1984 Oct; 39(10):594-7 (Eng. Abstr.) **(Cze)**

[Congenital hepatic fibrosis disclosed late by hepatic encephalopathy] Richard-Molard B, et al. **Gastroenterol Clin Biol** 1985 May;9(5):449-51 (Eng. Abstr.) **(Fre)**

[Clinical aspects and therapy of congenital cystic livers] Schulz F, et al. **Chirurg** 1984 Dec;55(12):813-6 (Eng. Abstr.) **(Ger)**

[Cholangiodysplastic pseudocirrhosis] Behrens R, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):398-401 (Eng. Abstr.) **(Ger)**

[Portal hypertension of non-cirrhotic origin] Kádas I. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):179-88 (Eng. Abstr.) **(Hun)**

[Congenital liver cysts] Kapstad L. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19-21):1302-3 (Eng. Abstr.) **(Nor)**

[A peculiar case of congenital hepatic fibrosis] Collazos González J, et al. **Med Clin (Barc)** 1984 Jun 30;83(5):200-4 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Role of the NK reaction in the diagnostics of liver and pancreas tumours. Karácsonyi S, et al. **Acta Chir Hung** 1985;26(1):51-8

Needle biopsy of the liver for the diagnosis of nonneoplastic liver diseases. Perry MD, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):385-90

Liver cysts in autosomal-dominant polycystic kidney disease: clinical and computed tomographic study. Levine E, et al. **AJR** 1985 Aug;145(2):229-33

Laboratory tests and diagnostic procedures in evaluation of liver disease. Chopra S, et al. **Am J Med** 1985 Aug; 79(2):221-30 (54 ref.)

Use of serum bile acids in the identification of vinyl chloride hepatotoxicity. Liss GM, et al. **Am J Med** 1985 Jan; 78(1):68-76

Endoscopic ultrasonography in liver disease. Gandolfi L, et al. **Ann Radiol (Paris)** 1985;28(1):28-30

Diagnosis of liver involvement in early syphilis. A critical review. Veeravahu M. **Arch Intern Med** 1985 Jan; 145(1):132-4

Transdiaphragmatic liver hernia in adults. Agha FP. **Australas Radiol** 1985 Feb;29(1):19-25

Serum alkaline phosphatase isoenzymes: the fast liver fraction in the diagnosis of hepatobiliary disease with or without cholestasis. Ricci OE, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1363-8

Spontaneous rupture of the liver in association with pregnancy. Case report. Ibrahim N, et al. **Br J Obstet Gynaecol** 1985 May;92(5):539-40

Focal liver lesions: a plan for management. Thompson JN, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1643-5

Diagnostic value of fasting and postprandial conjugated serum cholic acid in chronic liver diseases. Wu XN, et al. **Chin Med J [Engl]** 1985 Jan;98(1):42-6

Applying descriptive discriminant analysis as a visual aid for physicians interpreting biochemical test results. Durbridge TC. **Clin Biochem** 1984 Oct;17(5):321-6

A simple and rapid microdiffusion method for blood ammonia using a reflectance meter and a reagent plate, and its clinical evaluation for liver diseases. Murawaki Y, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):195-202

Computed tomography and ultrasound appearance of liver disease in secondary syphilis. Vas W, et al. **Diagn Imag Clin Med** 1985;54(1):1-6

Endoscopic evaluation of the porta hepatis in patients with biliary atresia. Matsuo S, et al. **Endoscopy** 1985 Mar; 17(2):54-9

Peritoneoscopy as an aid in intravenous injection of indocyanine green (ICG). Watanabe M, et al. **Endoscopy** 1985 Jul;17(4):149-52

The automated waterpath scanner (Octoson)--advantages and limitations in diseases of the liver, pancreas and gallbladder. Fiegler W, et al. **Eur J Radiol** 1984 Nov; 4(4):270-5

Human prolyl hydroxylase. Purification, radioimmunoassay and clinical studies in liver diseases. Nagai Y, et al. **Gastroenterol Jpn** 1985 Feb;20(1):53-64

Is ultrasonography useful in the assessment of diffuse parenchymal liver disease? Sanford NL, et al. **Gastroenterology** 1985 Jul;89(1):186-91

Indications for laparoscopy before and after the introduction of ultrasonography. Gandolfi L, et al. **Gastrointest Endosc** 1985 Feb;31(1):1-3

A radioimmunoassay procedure for type III procollagen: its use in the detection of hepatic fibrosis. Galambos MR, et al. **Hepatology** 1985 Jan-Feb;5(1):38-42

Sinusoidal caliber in alcoholic and nonalcoholic liver disease: diagnostic and pathogenic implications. Vidins EI, et al. **Hepatology** 1985 May-Jun;5(3):408-14

An approach to diagnosis of hepatic glycogenosis. Bharucha BA, et al. **Indian Pediatr** 1984 Nov;21(11):855-63

Hepatic rupture in preeclampsia: the role of diagnostic imaging. Winer-Muram HT, et al. **J Can Assoc Radiol** 1985 Mar;36(1):34-6

Significance of serum aminograms in diagnosis and prognosis of liver diseases. Steigmann F, et al. **J Clin Gastroenterol** 1984 Oct;6(5):453-60

MR imaging of a hemorrhagic hepatic cyst in a patient with polycystic liver disease. Wilcox DM, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):183-5

Hepatic echographic scanning in thalassemia major. Corda R, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep;28(3):143-8

Diagnostic imaging of the hepatobiliary system in infants and children. Riddlesberger MM Jr. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):653-64 (55 ref.)

Ultrasonographic diagnosis of spontaneous rupture of the liver in pregnancy. Greca FH, et al. **JCU** 1984 Oct; 12(8):515-6

Diagnostic accuracy of computerized B-scan texture analysis and conventional ultrasonography in diffuse parenchymal and malignant liver disease. Raeth U, et al. JCU 1985 Feb; 13(2):87-99

Ultrasonography in hepatobiliary diseases. Okuda K. **JPMA** 1985 Jun;35(6):189-94

Prenatal detection of Zellweger syndrome [letter] Schutgens RB, et al. **Lancet** 1984 Dec 8;2(8415):1339-40

Ultrasound determination of liver size and assessment of patients with malignant liver disease. Raeth U, et al. **Liver** 1984 Oct;4(5):287-93

Imaging of the liver, biliary tract, and pancreas. Zeman RK, et al. **Med Clin North Am** 1984 Nov;68(6):1535-63 (71 ref.)

New procedure of connective tissue staining and its application to the liver diagnosis in histologic sections. Senba M. **Okajimas Folia Anat Jpn** 1984 Aug; 61(2-3):167-71

Magnetic resonance imaging of the liver. Haaga JR. **Radiol Clin North Am** 1984 Dec;22(4):879-90

Single photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnosing focal hepatic disease. Brendel AJ, et al. **Radiology** 1984 Nov; 153(2):527-32

Integrated imaging of hepatic tumors in childhood. Part II: Benign lesions (congenital, reparative, and inflammatory). Miller JH, et al. **Radiology** 1985 Jan;154(1):91-100

Diagnostic value of prealbumin and retinol-binding protein in acute and chronic liver diseases. Cavanna A, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):71-7

Plasma disappearance of 14C-glycocholic acid as a test of liver dysfunction. Relation to liver histology. Einarsson K, et al. **Scand J Gastroenterol** 1985 Mar;20(2):175-8

Follow-up and prospective studies of the classification of liver disease. Skrede S, et al. **Scand J Gastroenterol [Suppl]** 1985;107:40-51

New diagnostic techniques in hepatobiliary disease. Ashley SW, et al. **Surg Annu** 1985;17:41-67 (53 ref.)

Preliminary results with fine needle aspiration biopsy in liver grafts. Vogel W, et al. **Transplant Proc** 1984 Oct; 16(5):1240-2

Frequency domain processing for ultrasonic attenuation measurement in liver. Wilson LS, et al. **Ultrasonic Imaging** 1984 Jul;6(3):278-92

A cystic lesion in a 55-year-old man [clinical conference] Amerian J, et al. **West J Med** 1985 Jul;143(1):74-9

The predictive value of physical examinations for ascites. Cummings S, et al. **West J Med** 1985 May;142(5):633-6

[Lactate dehydrogenase isoenzymes in the diagnosis of hepatobiliary diseases] Iordanova Iu, et al. **Vutr Boles** 1984; 23(6):55-60 (Eng. Abstr.) **(Bul)**

[Genetic heterogeneity and the diagnosis of hepatic glycogenoses] Lemonnier A, et al. **C R Soc Biol (Paris)** 1984;178(4):327-47 (Eng. Abstr.) **(Fre)**

[When and how to assess hepatic fibrosis?] Beaugrand M. **Gastroenterol Clin Biol** 1985 Mar;9(3):235-7 **(Fre)**

[Indications for laparoscopy in an internal medicine department in Dakar as indicated by echotomography] Aubry P, et al. **Med Trop (Mars)** 1984 Jul-Sep;44(3):241-5 (Eng. Abstr.) **(Fre)**

[Tropical hepatogastroenterology] Capdevielle P. **Med Trop (Mars)** 1984 Jul-Sep;44(3):207-12 **(Fre)**

[How to evaluate hepatic function: pharmacokinetic approach] Malè PJ. **Rev Med Suisse Romande** 1985 Apr; 105(4):313-6 **(Fre)**

[Liver attacks] Perreault C, et al. **Union Med Can** 1984 Dec; 113(12):1038 **(Fre)**

[Clinical value of magnetic resonance tomography in liver diseases] Rödl W. **Fortschr Med** 1985 Jun 27;103(24):649-53 (Eng. Abstr.) **(Ger)**

[Spontaneous liver rupture in pregnancy] Loewenthal D. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):819-20 (Eng. Abstr.) **(Ger)**

[Current significance of laparoscopy as a diagnostic measure within the scope of liver diseases] Wildhirt E. **Lebensversicherungsmedizin** 1984 Jul 18;36(6):139-41 (Eng. Abstr.) **(Ger)**

[Nuclear spin tomographic studies in liver diseases] Baumann R, et al. **ROFO** 1985 May;142(5):494-504 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of liver diseases in the nuclear spin tomogram] Rödl W. **ROFO** 1985 May;142(5):505-10 (Eng. Abstr.) **(Ger)**

[Diagnosis of the hepatobiliary system and the pancreas with the automated multi-sector scanner (Octoson)] Fiegler W, et al. **Rontgenpraxis** 1984 Aug;37(8):279-84 **(Ger)**

[Quantification of the drug-metabolizing enzyme system in liver diseases: a comparison between antipyrine saliva clearance and the aminopyrine breath test] von Mandach U, et al. **Schweiz Med Wochenschr** 1985 May 11; 115(19):651-8 (Eng. Abstr.) **(Ger)**

[What is your diagnosis? Acute intermittent porphyria] Viollier EH, et al. **Schweiz Rundsch Med Prax** 1984 Nov 20;73(47):1431-2 **(Ger)**

[Computed tomography versus sonography in upper abdomen diagnosis: indications and value] Marincek B. **Ther Umsch** 1984 Sep;41(9):629-33 (30 ref.) (Eng. Abstr.) **(Ger)**

[Strategy for clarification of liver disease] Preisig R. **Ther Umsch** 1984 Sep;41(9):667-71 (Eng. Abstr.) **(Ger)**

[Failure of puncture sonographic diagnosis of focal liver lesions--the influence of possible sources of error] Greiner L, et al. **Ultraschall Med** 1984 Aug;5(4):170-3 (Eng. Abstr.) **(Ger)**

[Comparative evaluation of the dyes bromsulphthalein and indocyanine green in liver function diagnosis] Andree H, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):931-6 **(Ger)**

[Current diagnostic value of laparoscopy] Baumgarten R, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):841-2 **(Ger)**

[Adaptation of the linear discriminant analysis to medical-diagnostic questions] Gerisch A, et al. **Z Med Lab Diagn** 1985;26(2):108-12 (Eng. Abstr.) **(Ger)**

[Diagnostic effectiveness of the determination of bilirubin and urobilinogen in urine] Kutter D. **Z Med Lab Diagn** 1984;25(8):423-6 **(Ger)**

[Focal nodular liver hyperplasia in a male child following Clostilbegyt therapy] Mórocz I, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):224-9 (Eng. Abstr.) **(Hun)**

[Current possibilities of the clinical and instrumental diagnosis of hepatic hematoma] Picardi N, et al. **Ann Ital Chir** 1984; 56(6):571-82 (Eng. Abstr.) **(Ita)**

[Serum monoamine oxidase (MAO) in the differential diagnosis of chronic liver disease. I] Averna MR, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1671-7 (Eng. Abstr.) **(Ita)**

[The contribution of sonography in focal nodular liver hyperplasia: presentation of a case in a male subject] Kauzlaric D, et al. **Radiol Med (Torino)** 1984 Apr; 70(4):184-7 **(Ita)**

[Clinical trial of NMR-CT (report 3)--the utility of NMR-CT for liver and pancreas diseases] Ikehira H, et al. **Kaku Igaku** 1984 Oct;21(10):1277-84 (Eng. Abstr.) **(Jpn)**

[Clinical significance of the glutamate dehydrogenase activity in serum with special reference to liver damage induced by hypoxia] Akaike M. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):10-9 (Eng. Abstr.) **(Jpn)**

[Nicotinic acid loading test. Its significance in the diagnosis of liver diseases and the mechanism of hyperbilirubinemia] Kato Y. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):150-64 (Eng. Abstr.) **(Jpn)**

[Imaging diagnosis of liver diseases] Tanikawa K. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):766-9 **(Jpn)**

[Significance and limitations of oral UDCA loading in liver function test] Matsuzaki Y, et al. **Nippon Rinsho** 1984 Jul; 42(7):1671-6 **(Jpn)**

[Clinical evaluation of ultrasonic endoscopy for hepatic, pancreatic and biliary tract diseases] Yasuda K, et al. **Nippon Rinsho** 1984 Oct;42(10):2249-58 **(Jpn)**

[Serum type III procollagen peptide in tissue fibrosis] Maruyama K. **Rinsho Byori** 1985 Jan;33(1):27-32 **(Jpn)**

[Elucidation of the clinical importance of measuring aminopeptidase activity in the serum. (V)--Study by factor analysis] Murai T, et al. **Rinsho Byori** 1984 Oct; 32(10):1137-42 **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by the enzymatic assay method and its clinical application. C. Polyamines in liver disease] Ohkubo A, et al. **Rinsho Byori** 1984 Jul;Spec No 59:77-81 **(Jpn)**

[Ultrasonography and CT in the diagnosis of multiple hepatic lesions during the remission of acute leukemia] Itoh K, et al. **Rinsho Hoshasen** 1984 Aug;29(8):841-7 (Eng. Abstr.) **(Jpn)**

[Diagnostic efficacy of computed tomography and radionuclide imaging on detecting SOL of liver disease and liver cirrhosis] Tatsuno I, et al. **Rinsho Hoshasen** 1984 Jul;29(7):767-70 (Eng. Abstr.) **(Jpn)**

[Comet sign in the liver] Yajima Y, et al. **Rinsho Hoshasen** 1984 May;29(5):635-8 (Eng. Abstr.) **(Jpn)**

[Progress in the diagnosis of liver and biliary tract diseases] Knapik Z. **Pol Arch Med Wewn** 1984 Jul-Aug; 72(1-2):65-70 (24 ref.) **(Pol)**

[A case of acute intermittent porphyria in a patient with malignant neoplasm--diagnostic difficulties and treatment] Lebiedowski K, et al. **Pol Arch Med Wewn** 1984 Sep; 72(3):123-6 (Eng. Abstr.) **(Pol)**

[Non-parasitic liver cysts] Sołtysiak A, et al. **Wiad Lek** 1984 Jun 1;37(11):874-6 (Eng. Abstr.) **(Pol)**

[Potentials and limits of laparoscopy in diagnosing hepatic and peritoneal lesions] Banciu T, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):257-64 **(Rum)**

[Pathophysiology and diagnosis of the acute hepatorenal syndrome in surgery] Lebedeva RN, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):30-3 (Eng. Abstr.) **(Rus)**

[Chronic diffuse liver diseases] Bliuger AF, et al. **Klin Med (Mosk)** 1984 Nov;62(11):120-5 **(Rus)**

[Clinical significance of determining lactate and malate dehydrogenase isoenzymes and hepatic ultrastructure in acute liver failure] Kozyrev MA. **Klin Med (Mosk)** 1984 Jul;62(7):101-5 (Eng. Abstr.) **(Rus)**

[Acute intermittent porphyria] Tregubova KhL, et al. **Klin Med (Mosk)** 1985 Jun;63(6):124-6 **(Rus)**

[Potentialities of sonography and radionuclide scanography in the diagnosis of focal and diffuse liver diseases] Vlakhov N, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):70-1 **(Rus)**

[Ultrasonic diagnosis of liver diseases] Minushkin ON, et al. **Ter Arkh** 1984;56(8):120-2 (Eng. Abstr.) **(Rus)**

[Problems with current enzyme tests] Korovkin BF. **Vestn Akad Med Nauk SSSR** 1985;(1):12-22 (Eng. Abstr.) **(Rus)**

[Hepatoerythropoietic porphyria] Krivosheev BN. **Vestn Dermatol Venerol** 1985 May;(5):42-7 (Eng. Abstr.) **(Rus)**

[Diagnostic algorithms in diseases of the liver, biliary tract and pancreas] Nikhinson RA. **Vestn Khir** 1985 Feb; 134(2):135-8 (Eng. Abstr.) **(Rus)**

[Multiple hepatic cysts (letter)] Guarga A, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):517 **(Spa)**

[Diagnosis of portal hypertension and/or hepatic insufficiency in patients with hemorrhage of upper digestive tract using logistic regression analysis] Boom R, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):91-5 (Eng. Abstr.) **(Spa)**

[Advances in the enzymatic diagnosis of hepatobiliary diseases] Calvo C. **Rev Med Chil** 1984 Apr;112(4):379-85 (53 ref.) (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Experimental models for the study of hepatoprotection. Fehér J, et al. **Acta Physiol Hung** 1984;64(3-4):401-7

Effects of (+)-cyanidanol-3 on chronic liver injury. Kovách G, et al. **Acta Physiol Hung** 1984;64(3-4):443-8

Alternatives in hepatoprotection: cytoprotection--influences on mono-oxidase system--free radical scavengers (a review). Pár A, et al. **Acta Physiol Hung** 1984; 64(3-4):409-23

Hepatic microcirculatory failure after ischemia and reperfusion: improvement with ATP-MgCl2 treatment. Clemens MG, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H804-11

Use of flupirtine maleate as an analgesic in patients with liver disease. Powell-Jackson P, et al. **Br J Clin Pract** 1985 Feb; 39(2):63-6

Porphyria and pain management. Morse RH. **J La State Med Soc** 1984 Aug;136(8):15-6, 18

Hepatic hematoma after blunt trauma--a case of nonoperative management to prevent liver abscess formation. Nakakuma K, et al. **Jpn J Surg** 1984 Jul; 14(4):327-30

[Comparative clinical trial of karsil and legalon in patients with chronic liver lesions. III. Comparison of the effect of karsil and legalon on a 3-point system] Krŭstev Z, et al. **Vutr Boles** 1984;23(4):37-9 **(Bul)**

[Endotoxemia in liver diseases and its treatment with combined traditional Chinese and Western medicine] Wang CB. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):379-82 (35 ref.) **(Chi)**

[2 years' experience with the treatment of symptomatic liver porphyria with pyrimethamine] Cervinka J, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1107-12 (Eng. Abstr.) **(Cze)**

[Use of ornithine carbamoyltransferase in the treatment of liver diseases] Caruso N, et al. **Clin Ter** 1984 Jul 15; 110(1):37-44 (Eng. Abstr.) **(Ita)**

[Use of polyunsaturated phosphatidylcholine in physiologic disorders of the cell membrane and of neurotransmission] Favilla M, et al. **Clin Ter** 1984 Aug 31;110(4):363-6 (Eng. Abstr.) **(Ita)**

[Treatment of chronic hepatopathies with phosphorylcholine and pantethine] Proietti C, et al. **Clin Ter** 1984 Aug 15; 110(3):251-7 (Eng. Abstr.) **(Ita)**

[Pharmacological studies on schizandra fruits. III. Effects of wuweizisu C, a lignan component of schizandra fruits, on experimental liver injuries in rats] Takeda S, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):193-208 (Eng. Abstr.) **(Jpn)**

[Therapeutic effect of TRQ on chronic liver injury model in rats induced by CCl4] Yuasa S, et al. **Nippon Yakurigaku Zasshi** 1985 Apr;85(4):249-57 (Eng. Abstr.) **(Jpn)**

[Effect of tritoqualine on liver regeneration after partial hepatectomy in rats] Yuasa S, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):387-95 (Eng. Abstr.) **(Jpn)**

[Seasonal effectiveness of antioxidants in tetracycline lesions of the liver] Vysotskiĭ IB. **Antibiotiki** 1984 Aug;29(8):590-4 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the effectiveness of hepatoprotective agents in a liver lesion by combined ethanol and tuberculostatic agents] Ortenberg EA, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):102-5 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Branched chain amino acid transaminase and branched chain alpha-ketoacid dehydrogenase activity in the brain, liver and skeletal muscle of acute hepatic failure rats. Takei N. **Acta Med Okayama** 1985 Feb;39(1):1-10

Chemiluminescence and superoxide dismutase in the plasma in patients with alcoholic and non-alcoholic liver injuries. Kubota S, et al. **Alcohol** 1985 May-Jun;2(3):469-72

The value of serial serum angiotensin converting enzyme determinations in hospitalized patients with lung disease. Siefkin AD, et al. **Am J Med Sci** 1984 Dec;288(5):200-7

Lactate dehydrogenase-6. A biochemical sign of serious hepatic circulatory disturbance. Wolf PL. **Arch Intern Med** 1985 Aug;145(8):1396-7

Lecithin: cholesterol acyltransferase levels in plasma of patients with hepatobiliary disease. Palacios Beristáin O, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun;15(2):155-62 **(Eng, Spa)**

Activity of peroxisomal enzymes and intracellular distribution of catalase in Zellweger syndrome. Wanders RJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1054-61

Regulation of renal cytochrome P-450. Effects of two-thirds hepatectomy, cholestasis, biliary cirrhosis and post-necrotic cirrhosis on hepatic and renal microsomal enzymes. Babany G, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):311-20

Clinical biochemistry of alkaline phosphatase. Moss DW. **Cell Biochem Funct** 1983 Jul;1(2):70-4 (61 ref.)

Clinical evaluation of serum guanase activity in liver diseases. Nishikawa Y, et al. **Clin Biochem** 1984 Oct;17(5):327-30

Mitochondrial enzymes in human serum: comparative determinations of glutamate dehydrogenase and mitochondrial aspartate aminotransferase in healthy persons and patients with chronic liver diseases. Jung K, et al. **Clin Chem** 1985 Feb;31(2):239-43

Multiple forms of gamma-glutamyltransferase: a clinical study. Wenham PR, et al. **Clin Chem** 1985 Apr;31(4):569-73

Physical properties of gamma-glutamyltransferase in human serum. Wenham PR, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):205-18

Lymphocyte phosphorylase kinase activities in the sex-linked form of liver phosphorylase kinase deficiency. Goji K, et al. **Eur J Pediatr** 1985 Jan;143(3):179-82

Increased lysyl oxidase activity in culture medium of nonparenchymal cells from fibrotic livers. Konishi A, et al. **Gastroenterology** 1985 Oct;89(4):709-15

Hereditary hepatic porphyria with delta aminolevulinate dehydrase deficiency: immunologic characterization of the non-catalytic enzyme. de Verneuil H, et al. **Hum Genet** 1985;69(2):174-7

A review of the enzymic errors in the various porphyrias. Rimington C. **Scand J Clin Lab Invest** 1985 Jun; 45(4):291-301 (54 ref.)

Liver enzyme ratios in neonatal liver disease. Hansen TW, et al. **Z Kinderchir** 1984 Dec;39(6):376-9

[Substance-induced liver injury as a model for evaluating hepatoprotective drugs] Trčka V, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):161-4 (Eng. Abstr.) **(Cze)**

[Erythrohepatic protoporphyria] Doss M. **Internist (Berlin)** 1985 Jul;26(7):411-9 **(Ger)**

[Urinary level of N-acetyl-beta-D-glucosaminidase in liver diseases] Ishikawa T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2064 **(Jpn)**

[Heterogeneity of serum gamma-glutamyltranspeptidase in hepatobiliary diseases studied by HPLC] Nishii K. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):691 **(Jpn)**

[Plasma lysyl oxidase activity in human liver disease] Suzuki H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2775-9 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Hepatic dysfunction and cardiovascular abnormalities. Occurrence in infants, children, and young adults. Mace S, et al. **Am J Dis Child** 1985 Jan;139(1):60-5

Liver involvement in multiple myeloma. Perez-Soler R, et al. **Am J Hematol** 1985 Sep;20(1):25-9

Brief periods of hypoxia can produce hepatic injury in rats. Fassoulaki A, et al. **Anesth Analg** 1984 Oct;63(10):885-7

Hepatic rupture secondary to pre-eclampsia--report of a case treated conservatively. Ekberg H, et al. **Ann Chir Gynaecol** 1984;73(6):350-3

Arteriohepatic dysplasia (Alagille's syndrome): a common cause of conjugated hyperbilirubinemia. Kahn E, et al. **Ann Clin Lab Sci** 1984 Nov-Dec;14(6):480-6

Pericholangitis in chronic ulcerative colitis: primary sclerosing cholangitis of the small bile ducts? Wee A, et al. **Ann Intern Med** 1985 May;102(5):581-7

A multiple regression equation for prediction of posthepatectomy liver failure. Yamanaka N, et al. **Ann Surg** 1984 Nov;200(5):658-63

Chronic liver disease in black children in Durban, South Africa. Mackenjee MK, et al. **Ann Trop Paediatr** 1984 Sep; 4(3):165-9

Hepatic Hodgkin's disease simulating cholestatic hepatitis with liver failure. Lefkowitch JH, et al. **Arch Pathol Lab Med** 1985 May;109(5):424-6

Amelioration of metabolic complications of conventional total parenteral nutrition. A prospective randomized study. Meguid MM, et al. **Arch Surg** 1984 Nov;119(11):1294-8

Liver metastases from an occult breast carcinoma presenting as acute fulminant hepatic failure. Morrison WL, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):273-4

The CT appearances of hepatic oil embolism following lymphography. Silverstone EJ, et al. **Br J Radiol** 1984 Sep; 57(682):779-83

Hepatic sequestration in sickle cell anemia [letter] Gutteridge C, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1214-5

Acute myeloblastic leukemia and sarcoidosis. Implications for pathogenesis. Reich JM. **Cancer** 1985 Jan 15;55(2):366-9

Liver damage as a potential source of error in the estimation of myocardial infarct size from plasma creatine kinase activity. Oostenbroek RJ, et al. **Cardiovasc Res** 1985 Feb; 19(2):113-9

A reproducible large animal model of acute hepatic failure. Karrer FM, et al. **Curr Surg** 1984 Nov-Dec;41(6):464-7

Hepatic decompensation associated with hepatitis B e antigen clearance in chronic type B hepatitis. Sheen IS, et al. **Gastroenterology** 1985 Oct;89(4):732-5

Diffuse hepatic calcification as a sequela to shock liver. Shibuya A, et al. **Gastroenterology** 1985 Jul;89(1):196-201

Fitz-Hugh and Curtis syndrome in a homosexual man with impaired cell mediated immunity. Winkler WP, et al. **Gastrointest Endosc** 1985 Feb;31(1):28-30

Hepatobronchial fistula with percutaneous pyogenic abscess drainage of the liver. Nesper M, et al. **Gastrointest Radiol** 1985;10(2):129-31

Liver disease in hemophiliacs: etiological and biochemical data on 159 cases from our geographical area. Ruggiero G, et al. **Hepatogastroenterology** 1985 Apr;32(2):57-60

Pattern and prognosis of liver function test abnormalities during parenteral nutrition in inflammatory bowel disease. Bengoa JM, et al. **Hepatology** 1985 Jan-Feb;5(1):79-84

Endocytosis and binding of asialoorosomucoid by hepatocytes from rats with jejunoileal bypass. Serbource-Goguel/Seta N, et al. **Hepatology** 1985 Mar-Apr;5(2):220-3

Solitary nonparasitic cyst of the liver in children: two cases of rapid enlarging cyst caused by minor abdominal injury. Yokoyama T, et al. **Hiroshima J Med Sci** 1984 Dec; 33(4):595-8

Search for aetiological factors of non-cirrhotic portal fibrosis. Guha Mazumdar DN, et al. **Indian J Gastroenterol** 1984 Jan;3(1):25-6

Hepatic granulomas. James DG. **Indian J Gastroenterol** 1984 Jul;3(3):159-62

Occupational liver injury. Present state of knowledge and future perspective. Døssing M, et al. **Int Arch Occup Environ Health** 1985;56(1):1-21 (232 ref.)

Effect of ethanol consumed in combination with high or low fat diets on the postinitiation phase of hepatocarcinogenesis in the rat. Misslbeck NG, et al. **J Nutr** 1984 Dec; 114(12):2311-23

Acute hemorrhagic, hepatic, and neurologic manifestations in juvenile rheumatoid arthritis: possible relationship to drugs or infection. Hadchouel M, et al. **J Pediatr** 1985 Apr; 106(4):561-6

Hepatic aluminum accumulation in children on total parenteral nutrition. Klein GL, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):740-3

Intrahepatic biliary tract abnormalities in children with corrected extrahepatic biliary atresia. Werlin SL, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):537-41

Taurine deficiency in the severe hepatic dysfunction complicating total parenteral nutrition. Cooper A, et al. **J Pediatr Surg** 1984 Aug;19(4):462-6

Fatal hepatoadrenal necrosis in the neonate associated with echovirus types 11 and 12 presenting as a surgical emergency. Speer ME, et al. **J Pediatr Surg** 1984 Oct; 19(5):591-3

Rupture of the liver in preeclampsia. A review and report of two cases. Copas P, et al. **J Tenn Med Assoc** 1985 Jul; 78(7):419-21

Hepatic oil embolism following lymphangiography. Lee S. **J Ultrasound Med** 1985 Jul;4(7):357-9

Hepatic outflow obstruction [letter] Ghanem AN, et al. **Lancet** 1985 Sep 21;2(8456):675

Progressive liver disease in haemophilia: an understated problem? Hay CR, et al. **Lancet** 1985 Jun 29;1(8444):1495-8

Associated infection with non-A, non-B virus as possible cause of liver failure in Indian HBV carriers [letter] Tandon BN, et al. **Lancet** 1984 Sep 29;2(8405):750-1

Fulminant hepatic and renal failure complicating Wilson's disease. Rector WG Jr, et al. **Liver** 1984 Dec;4(6):341-7

Hepatic hemorrhage without rupture in preeclampsia. Manas KJ, et al. **N Engl J Med** 1985 Feb 14;312(7):424-6

Fulminant liver failure induced by adenovirus after bone marrow transplantation [letter] Purtilo DT, et al. **N Engl J Med** 1985 Jun 27;312(26):1707-8

Myocarditis and fulminant hepatic failure from coxsackievirus B infection. Read RB, et al. **Postgrad Med J** 1985 Aug;61(718):749-52

Focal hepatic candidiasis: a distinct clinical variant of candidiasis in immunocompromised patients. Tashjian LS, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):689-703 (40 ref.)

Hepatobiliary disorders in inflammatory bowel disease. Christophi C, et al. **Surg Gynecol Obstet** 1985 Feb; 160(2):187-93 (101 ref.)

Hemorrhage into a hepatic adenoma and type Ia glycogen storage disease: a case report and review of the literature. Fink AS, et al. **Surgery** 1985 Jan;97(1):117-24

The clinical course of 53 patients with venocclusive disease of the liver after marrow transplantation. McDonald GB, et al. **Transplantation** 1985 Jun;39(6):603-8

[Minor liver insufficiency in hepatic echinococcosis] Stoianov G, et al. **Khirurgiia (Sofiia)** 1984;37(6):442-6 (Eng. Abstr.) **(Bul)**

[The liver in untreated and treated obesity] Andersen T, et al. **Ugeskr Laeger** 1984 Oct 1;146(40):3011-4 (Eng. Abstr.) **(Dan)**

[Liver cell damage in pregnancy toxemia] Treffers PE, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2032-6 (Eng. Abstr.) **(Dut)**

[Spontaneous rupture of the liver caused by hepatoma] Kaasinen E, et al. **Duodecim** 1985;101(4):411-4 **(Fin)**

[Congenital deficiency of alpha-1-antitrypsin. Long-term prognosis for the liver following neonatal cholestasis] Nebbia G, et al. **Acta Gastroenterol Belg** 1984 Mar-Apr; 47(2):124-31 (Eng. Abstr.) **(Fre)**

[Regenerative nodular hyperplasia in scleroderma : a new case (letter)] Friguet JL, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):979 **(Fre)**

[Hepatic biologic anomalies in light chain deposit disease (letter)] Le Verger JC, et al. **Gastroenterol Clin Biol** 1985 Feb;9(2):184-5 **(Fre)**

[Spontaneous rupture of the liver in pregnancy. Diagnostic and therapeutic problems (letter)] De Calan L, et al. **J Chir (Paris)** 1985 Jan;122(1):59-60 **(Fre)**

[Hepatic insufficiency and nutritional problems after major hepatobiliary surgery] Launois B, et al. **J Chir (Paris)** 1984 Oct;121(10):573-85 (Eng. Abstr.) **(Fre)**

[Hepatic calcification in children. Review apropos of 4 personal cases] Fourchy E, et al. **Pediatrie** 1984 Sep; 39(6):423-36 (Eng. Abstr.) **(Fre)**

[Acute cardiac liver (letter)] Cesari V, et al. **Presse Med** 1985 Jul 6;14(27):1473-4 **(Fre)**

[Hepatic involvement in the acquired immunodeficiency syndrome. Study of 20 cases] Devars du Mayne JF, et al. **Presse Med** 1985 May 25;14(21):1177-80 (Eng. Abstr.) **(Fre)**

[Spontaneous 2-stage rupture of the liver during pregnancy (letter)] Dib D, et al. **Presse Med** 1984 Oct 20;13(37):2268-9 **(Fre)**

[Hepatic failure due to fatty liver of pregnancy] Zohar S, et al. **Harefuah** 1985 Jan 15;108(2):79-82 (Eng. Abstr.) **(Heb)**

[Diabetic hepatopathies] Balázs M, et al. **Orv Hetil** 1984 Aug 19;125(34):2063-4, 2067-9 (Eng. Abstr.) **(Hun)**

[Hepatic changes in Crohn's disease and in ulcerative colitis] Bozzani A, et al. **Chir Ital** 1983 Jun;35(3):410-5 (Eng. Abstr.) **(Ita)**

[Risk factors and management of deteriorated liver function following open-heart surgery in patients with pre-existing congestive liver dysfunction due to heart failure] Nogaki H. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct; 32(10):1762-74 (Eng. Abstr.) **(Jpn)**

[A case of chronic myeloid leukemia with elective splenectomy in the chronic phase and hepatic insufficiency due to leukemic cell infiltration in blast crisis] Fukuda M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):417-22 (Eng. Abstr.) **(Jpn)**

[Abnormal iron metabolism in the special type of hepatocerebral encephalopathy. I. Clinical and pathological findings of four cases of special type of hepatocerebral encephalopathy with hemochromatosis] Saito A. **Seishin Shinkeigaku Zasshi** 1984;86(3):153-66 (Eng. Abstr.) **(Jpn)**

[Acute intermittent porphyria--current concepts] Latala-Otrebska Z. **Pol Tyg Lek** 1984 Oct 1-8, 39(40-41):1349-53 (16 ref.) **(Pol)**

[Duodeno-biliary reflux as a cause of hepatic colic] Juszczyk Z, et al. **Wiad Lek** 1985 Mar 15;38(6):444-6 (Eng. Abstr.)

(Pol)

[Hepatopathy in renal transplant recipients] Galizzi Filho J, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 May-Jun; 39(3):113-7 (Eng. Abstr.) **(Por)**

[Pulmonary tuberculosis associated with hepatic lesions] Ghilean I, et al. **Rev Ig [Pneumoftiziol]** 1985 Jan-Mar; 34(1):77-82 (Eng. Abstr.) **(Rum)**

[Acute postoperative hepato-renal insufficiency] Margulis MS, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):102-5 **(Rus)**

[Diaphragmatic hernia with prolapse of the liver] Shapkin VS. **Khirurgiia (Mosk)** 1984 Jul;(7):65-7 (Eng. Abstr.) **(Rus)**

[Modeling of acute liver failure] Shalimov SA, et al. **Klin Khir** 1984 Sep;(9):54-5 (Eng. Abstr.) **(Rus)**

[Hepatic hydatid cyst rupturing into the bile ducts and bronchi] Sapunar J, et al. **Bol Chil Parasitol** 1984 Jul-Dec; 39(3-4):54-9 (Eng. Abstr.) **(Spa)**

[Etiopathogenic factors possibly implicated in hepatic dysfunction associated with parenteral nutrition: prospective study of 104 adult patients] Pallarés R, et al. **Med Clin (Barc)** 1984 Dec 15;83(20):832-6 (Eng. Abstr.) **(Spa)**

[Hepatic aspergillosis as a complication of acute leukemia] Loutayf Ranea JJ, et al. **Rev Clin Esp** 1985 Apr; 176(7):367-9 (Eng. Abstr.) **(Spa)**

[Acute liver failure and Wilson's disease] Martín del Yerro JL, et al. **Rev Clin Esp** 1985 Jun;177(1):38-40 (Eng. Abstr.) **(Spa)**

[Hepatic form of Q fever. Apropos of a case] Ancochea Bermúdez J, et al. **Rev Esp Enferm Apar Dig** 1985 Jan; 67(1):63-6 (Eng. Abstr.) **(Spa)**

[Liver involvement in little-known virus diseases (editorial)] Arias Vallejo E. **Rev Esp Enferm Apar Dig** 1985 Jun; 67(6):543-4 **(Spa)**

FAMILIAL & GENETIC

New aspects of porphyrias. Mascaro JM, et al. **Curr Probl Dermatol** 1985;13:11-32 (68 ref.)

HLA-DR antigens in HBsAg-positive chronic active liver disease with and without associated delta infection. Forzani B, et al. **Hepatology** 1984 Nov-Dec;4(6):1107-10

Latent acute hepatic porphyria [editorial] **Lancet** 1985 Jan 26;1(8422):197-8

[Symptomatic liver porphyria with a familial incidence] Kaláb M, et al. **Cas Lek Cesk** 1985 Jun 7;124(23):715-20 (Eng. Abstr.) **(Cze)**

[Porphyria variegata with clinical manifestations in the first days of life] Zeman J, et al. **Cesk Pediatr** 1985 Jan; 40(1):8-11 (Eng. Abstr.) **(Cze)**

[The protease inhibitor (Pi) system and porphyria cutanea tarda] Köstler E, et al. **Dermatol Monatsschr** 1984; 170(8):538-9 **(Ger)**

IMMUNOLOGY

The significance of protein C antigen in acute and chronic liver biliary disease. Viganó S, et al. **Am J Clin Pathol** 1985 Oct;84(4):454-8

Serum levels of secretory immunoglobulin A in liver disease. Fukuda Y, et al. **Am J Gastroenterol** 1985 Apr;80(4):237-41

The occurrence and properties of a serum hepatic antigen in various liver diseases. Espinosa E. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):308-14

Cell-mediated cytotoxicity to autologous hepatocytes in HBsAg positive liver disease: an analysis of the killing specificity and of the clinical use of the test. Actis GC, et al. **Boll Ist Sieroter Milan** 1984 Mar;63(1):19-29

Increased peripheral blood Ia positive T cells and their effect on autologous mixed lymphocyte reaction in chronic active liver disease. Fukui K, et al. **Clin Exp Immunol** 1984 Oct; 58(1):90-6

Occurrence of cytotoxic autoantibody in rabbits by immunization with heterologous liver arginase: a possible implication in the mechanism of the autoimmune liver diseases. Mafune N, et al. **Clin Exp Immunol** 1985 Jan; 59(1):123-31

Cellular sensitivity to collagen in liver disease. Sawada H, et al. **Clin Exp Immunol** 1985 Feb;59(2):364-70

Autoimmunity in liver disease. McFarlane IG. **Clin Sci** 1984 Dec;67(6):569-78 (96 ref.)

Mechanisms of abnormalities in host defences against bacterial infection in liver disease. Rajkovic IA, et al. **Clin Sci** 1985 Mar;68(3):247-53 (70 ref.)

Serum HBV-DNA in delta antigen positive chronic liver disease. Hadziyannis SJ, et al. **Dev Biol Stand** 1985;59:141-5

Seroepidemiology of hepatitis B virus in rural Tanzania: relation of hepatitis B markers and liver function tests in patients with clinical liver disease and in healthy controls. Stahel E, et al. **East Afr Med J** 1984 Nov;61(11):806-11

Lymphocyte-mediated enhancement of hepatic fibrosis in chronic active hepatitis. Nakano H, et al. **Gastroenterol Jpn** 1985 Feb;20(1):14-9

Detection and clinical significance of acetone-insoluble liver cell membrane antigen in sera of patients with chronic active liver diseases. Tsuji T, et al. **Gastroenterol Jpn** 1985 Feb;20(1):37-47

Increased serum antibody levels against cow's milk proteins in children with chronic liver disease. Lerner A, et al. **Hepatology** 1985 May-Jun;5(3):488-91

Suppression of delayed-type hypersensitivity mediated by macrophage-like cells in mice with experimental liver injury. Tajima S, et al. **Immunology** 1985 Jan;54(1):57-64

Antigenic alterations in hepatocyte plasma membranes in non-neoplastic liver diseases. Rath S, et al. **Indian J Med Res** 1984 Oct;80:469-76

Hepatitis surface antigen in hepatic disorders with reference to its subtypes. Saxena S, et al. **J Assoc Physicians India** 1984 Jul;32(7):547-9

Immunological status in acute viral hepatitis and fulminant hepatic failure. Singh NK, et al. **J Indian Med Assoc** 1984 Aug;82(8):281-3

Hepatitis D (delta agent) in primary hepatocellular carcinoma and liver disease in Senegal. Cronberg S, et al. **Liver** 1984 Aug;4(4):275-9

Significance of circulating C1q-binding activity in chronic liver disease: a study of 133 cases. Bigi G, et al. **Ric Clin Lab** 1984 Oct-Dec;14(4):629-33

[Serum immunoglobulin levels and histomorphological changes in the liver in chronic liver diseases] Dinkov L, et al. **Vutr Boles** 1984;23(4):31-7 (Eng. Abstr.) **(Bul)**

[Serum factor VIII-related antigen in hepatobiliary diseases] Yang CY, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar; 24(3):155-7, 190 (Eng. Abstr.) **(Chi)**

[Leukocyte migration inhibition test after BCG in patients with liver diseases] Fučíková T, et al. **Sb Lek** 1984 Sep; 86(8-9):231-7 (Eng. Abstr.) **(Cze)**

[Active lymphocytes in chronic liver diseases] Poch T, et al. **Sb Lek** 1984 Sep;86(8-9):238-44 (Eng. Abstr.) **(Cze)**

[The complement system in hepatopathies] De la Tour B, et al. **Ann Med Interne (Paris)** 1985;136(3):222-4 (Eng. Abstr.) **(Fre)**

[Hepatic diseases and mixed cryoglobulinemia (letter)] Garcia-Bragado F, et al. **Gastroenterol Clin Biol** 1985 May; 9(5):456-7 **(Fre)**

[HLA antigen distribution and porphyria cutanea tarda--a contribution on the problem of the association of HLA with metabolic diseases] Gebhardt B, et al. **Dermatol Monatsschr** 1984;170(8):506-10 (Eng. Abstr.) **(Ger)**

[Occurrence of circulating autoantibodies in porphyria cutanea tarda] Köstler E, et al. **Dermatol Monatsschr** 1985; 171(4):236-9 (Eng. Abstr.) **(Ger)**

[Hepatitis B virus DNA in hepatitis B surface antigen-negative patients with chronic liver disease] Jilg W. **Dtsch Med Wochenschr** 1985 Jun 21;110(25):1017-8 **(Ger)**

[Detection of autoantibodies to polymerized human serum albumin] Manns M, et al. **Leber Magen Darm** 1984 Nov; 14(6):271-5 (Eng. Abstr.) **(Ger)**

[Distribution pattern of the main histocompatibility antigens in normal and pathologic liver tissue] van den Oord JJ, et al. **Leber Magen Darm** 1984 Nov;14(6):244-54 (Eng. Abstr.) **(Ger)**

[Role of circulating immune complexes in chronic hepatopathies] Delsignore R, et al. **G Clin Med** 1984 Sep-Oct;65(9-10):389-94 (Eng. Abstr.) **(Ita)**

[Studies on the effect of estrogen on the antibody response by peripheral mononuclear cells in various liver diseases] Ikemoto Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec; 73(12):1789-95 **(Jpn)**

[Clinical studies on HBs antigen positive in the aged] Saoshiro T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul; 81(7):1617-22 (Eng. Abstr.) **(Jpn)**

[Antibodies against hepatitis A virus in patients hospitalized with liver diseases and other diseases of the digestive system] Juszczyk J, et al. **Pol Tyg Lek** 1984 Aug 13; 39(33):1103-6 (Eng. Abstr.) **(Pol)**

[Carbohydrate antigen (CA-19-9) in the blood serum of patients with benign and malignant liver diseases] Ametov AS, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):39-41 (Eng. Abstr.) **(Rus)**

[Histocompatibility antigens in chronic diseases of the liver] Golubović G, et al. **Med Pregl** 1983;36(11-12):529-32 (Eng. Abstr.) **(Scr)**

[Antibodies against hepatitis B virus in chronic non-alcoholic HBsAG negative hepatopathies] García Bengoechea M, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):691-2 **(Spa)**

[Acute hepatic injury caused by the intraportal injection of E. coli in sensitized rabbits] Serrano Martínez M, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):129-33 (Eng. Abstr.) **(Spa)**

METABOLISM

Pharmacokinetics of ceftriaxone in patients with renal and liver insufficiency and correlations with a physiologic nonlinear protein binding model. Stoeckel K, et al. **Am J Med** 1984 Oct 19;77(4C):26-32

Fractional clearance of bromosulfonephthalein and metabolic clearance of antipyrine. Correlative study in liver diseases. Couet C, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):1-6 **(Eng, Fre)**

The influence of liver disease on the methylation of arsenite in humans. Buchet JP, et al. **Arch Toxicol** 1984 Sep; 55(3):151-4

Zinc abnormalities in fulminant hepatic failure. Canalese J, et al. **Aust NZ J Med** 1985 Feb;15(1):7-9

Heterogeneity of rabbit hepatocytes for bile secretion after acinar zone 3 damage induced by bromobenzene. Effect of bilirubin and bile salt infusions. González J, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):507-14

Liver function and medroxyprogesterone acetate elimination in man. Rautio A. **Biomed Pharmacother** 1984;38(4):199-204

Lack of effect of liver disease on the pharmacokinetics of acebutolol and diacetolol: a single dose study. Zaman R, et al. **Biopharm Drug Dispos** 1985 Apr-Jun;6(2):131-7

Effect of hepatic dysfunction on oral cyclosporin pharmacokinetics in marrow transplant patients. Yee GC, et al. **Blood** 1984 Dec;64(6):1277-9

Enalapril (MK421) activation in man: importance of liver status. Larmour I, et al. **Br J Clin Pharmacol** 1985 May; 19(5):701-4

Pathogenesis of hepatic fibrosis in experimental iron overload. Weintraub LR, et al. **Br J Haematol** 1985 Feb; 59(2):321-31

Single-dose ceftriaxone kinetics in liver insufficiency. Stoeckel K, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):500-9

Prolonged elimination of piperacillin in a patient with renal and liver failure. Green L, et al. **Drug Intell Clin Pharm** 1985 Jun;19(6):427-9

Distribution of sodium valproate in normal whole blood and in blood from patients with renal or hepatic disease. Shirkey RJ, et al. **Eur J Clin Pharmacol** 1985;28(4):447-52

Bile alcohols in perspective. Javitt NB. **Hepatology** 1984 Sep-Oct;4(5):974-6

Function of trace metal in experimental fulminant hepatic failure--special reference to variation in zinc content in liver. Kawanishi H, et al. **Hiroshima J Med Sci** 1984 Mar; 33(1):27-33

Deranged metabolism of cyclic nucleotides in liver diseases. Matsushima T, et al. **Horm Metab Res** 1985 Jun;17(6):306-7

Copper-binding protein in liver cells. Sumithran E, et al. **Hum Pathol** 1985 Jul;16(7):677-82

Pharmacokinetics of cimetidine in patients with liver disease. González-Martin G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):355-8

Impairment of drug elimination in patients with liver disease. Narang AP, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):28-32

Investigations on the influence of liver diseases on ampicillin body levels in man. Ali HM, et al. **J Antimicrob Chemother** 1985 Jun;15(6):737-42

Safety and pharmacokinetics of ceftazidime in patients with chronic hepatic dysfunction. Pasko MT, et al. **J Antimicrob Chemother** 1985 Mar;15(3):365-74

Steady-state pharmacokinetics of nitrendipine in hepatic insufficiency. Lasseter KC, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 7:S977-81

Pharmacokinetics of guanabenz in patients with impaired liver function. Lasseter KC, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S766-70

Differences in metabolic properties among cortisol, prednisolone, and dexamethasone in liver and renal diseases: accelerated metabolism of dexamethasone in renal failure. Kawai S, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):848-54

Defective peroxisomal cleavage of the C27-steroid side chain in the cerebro-hepato-renal syndrome of Zellweger. Kase BF, et al. **J Clin Invest** 1985 Feb;75(2):427-35

Abnormal high density lipoproteins from patients with liver disease regulate cholesterol metabolism in cultured human skin fibroblasts. Owen JS, et al. **J Lipid Res** 1984 Sep; 25(9):919-31

Elevated brain tryptophan and enhanced 5-hydroxytryptamine turnover in acute hepatic heme deficiency: clinical implications. Litman DA, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):337-45

The pharmacokinetic behaviour of chloramphenicol in liver-damaged mini-pigs. Kroker R. **J Vet Pharmacol Ther** 1985 Mar;8(1):82-7

Propranolol and salt and water homoeostasis in chronic liver disease [letter] Abadie E, et al. **Lancet** 1984 Dec 22; 2(8417-18):1478

Influence of propranolol on weight and salt and water homoeostasis in chronic liver disease. Hayes PC, et al. **Lancet** 1984 Nov 10;2(8411):1064-8

Hepatitis B virus DNA in patients with chronic liver disease and negative tests for hepatitis B surface antigen. Bréchot C, et al. **N Engl J Med** 1985 Jan 31;312(5):270-6

Glycosaminoglycan in liver and spleen of casein-induced experimental amyloidosis of mice. Shigeno H, et al. **Nagoya J Med Sci** 1985 Mar;47(3-4):113-20

Hepatectomy and arterial blood ketone-body ratio. II. Clinical significance of arterial blood ketone-body ratio in hepatectomized patients. Asano M. **Nippon Geka Hokan** 1984 May 1;53(3):485-96

Investigation of biotransformation capacity in patients with chronic liver diseases by pharmacokinetic methods experimental trials. Horváth T, et al. **Pol J Pharmacol Pharm** 1984 Jul-Aug;36(4):361-71

Estrogen and androgen receptors in liver: their role in liver disease and regeneration. Eagon PK, et al. **Semin Liver Dis** 1985 Feb;5(1):59-69 (138 ref.)

[Disturbances of glucose metabolism and its regulation in hepatopathies] Vetter D, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):56-64 (103 ref.) **(Fre)**

[Theophylline-caffeine interaction in bronchial disease patients with cardiac and hepatic failure (letter)] Lacroix C, et al. **Presse Med** 1985 Jun 15;14(24):1340 **(Fre)**

[Significance of glycoproteins and lectins in gastroenterology and hepatology] Gerok W. **Z Gastroenterol [Verh]** 1985 Apr;20:90-9 **(Ger)**

[The most frequent hormonal disorders found in chronic hepatopathy] Cotrozzi G, et al. **Clin Ter** 1985 Jan 31; 112(2):101-19 (192 ref.) (Eng. Abstr.) **(Ita)**

[Variations in the ratio of total calcium to plasma calcium ions in chronic liver diseases] D'Amore M, et al.

Minerva Med 1984 Oct 6;75(38):2213-9 (Eng. Abstr.) **(Ita)**

[Alterations in hepatic high-energy metabolism in galactosamine-induced acute hepatic failure in rabbits] Uchida K. **Nippon Geka Hokan** 1984 Jul 1;53(4):580-93 (Eng. Abstr.) **(Jpn)**

[Studies on hepatic gluconeogenesis in chronic liver diseases; with special references to the effects of L-alanine administration] Nishimura A. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2754-66 (Eng. Abstr.) **(Jpn)**

[Disorders of pharmacokinetics in pathological states and their clinical significance] Orzechowska-Juzwenko K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1681-6 **(Pol)**

[Isoniazid concentrations in the blood, resected lung tissue and the gallbladder bed in relation to the method of administration to pulmonary tuberculosis patients with stomach and liver diseases] Androsov EE, et al. **Antibiotiki** 1984 Sep;29(9):671-3 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation and bile formation in a paracetamol lesion of the liver] Skakun NP, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):105-8 (Eng. Abstr.) **(Rus)**

[Lipid peroxidation of the liver in liver disease] Loginov S, et al. **Ter Arkh** 1985;57(2):63-7 (Eng. Abstr.) **(Rus)**

[Prostaglandins in various diseases in children and adolescents] Markov KhM. **Vestn Akad Med Nauk SSSR** 1985;(6):13-8 (Eng. Abstr.) **(Rus)**

[Change in the level of steroid hormone receptors in the tumors of patients with breast cancer complicated by liver and bile duct diseases] Portnoĭ SM, et al. **Vopr Onkol** 1985; 31(1):55-9 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Hepatitis B virus DNA detected in formalin-fixed liver specimens and its relation to serologic markers and histopathologic features in chronic liver disease. Rijntjes PJ, et al. **Am J Pathol** 1985 Sep;120(3):411-8

Active and inactive replication of hepatitis B virus deoxyribonucleic acid in chronic liver disease. Yokosuka O, et al. **Gastroenterology** 1985 Sep;89(3):610-6

Hepatitis D virus antibody in HBsAg-positive and HBsAg-negative substance abusers with chronic liver disease. Novick DM, et al. **J Med Virol** 1985 Apr; 15(4):351-6

Virological classification of autopsy livers with hepatic disorders. Tsujikawa M, et al. **Tohoku J Exp Med** 1984 Dec;144(4):397-408

[Clinical significance of determining antigens and antibodies to hepatitis B viruses using radiosaturation analysis in chronic liver diseases] Stránský J, et al. **Cas Lek Cesk** 1984 Dec 21;123(51):1561-5 (Eng. Abstr.) **(Cze)**

[Chlamydia trachomatis perihepatitis: value of systematic cultures of hepatic capsular biopsy (letter)] Zarski JP, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):275 **(Fre)**

MORTALITY

Mortality from liver disease in children. Implications for hepatic transplantation programs. Lloyd-Still JD. **Am J Dis Child** 1985 Apr;139(4):381-4

Long term prognosis for babies with neonatal liver disease. Deutsch J, et al. **Arch Dis Child** 1985 May;60(5):447-51

Mortality of hepatitis B positive blood donors in England and Wales. Hall AJ, et al. **Lancet** 1985 Jan 12;1(8420):91-3

[Mortality and methods of decreasing it in middle-aged and aged patients with acute pathology of the extrahepatic bile ducts] Butsenko VN, et al. **Klin Khir** 1985 Apr;(4):27-9 (Eng. Abstr.) **(Rus)**

OCCURRENCE

Profile of liver disease in Egyptian infants and children. Khattab AK. **IARC Sci Publ** 1984;(63):125-30

Ultrasound survey of hepatobiliary lesions in Kaohsiung, Taiwan. Ker CG, et al. **Trans R Soc Trop Med Hyg** 1984; 78(6):758-60

PATHOLOGY

A pathological study of fulminant hepatic disease. Mori W, et al. **Acta Pathol Jpn** 1984 Jul;34(4):727-42

Ultrasonography in the diagnosis and follow-up of hepatic sinusoidal dilatation. Weinberger M, et al. **Arch Intern Med** 1985 May;145(5):927-9

Hepatic lipogranulomatosis simulating veno-occlusive disease of the liver. Keen ME, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):70-2

Mineral oil lipogranulomata in liver and spleen. A study of 465 autopsies. Wanless IR, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):283-6

Partial nodular transformation of liver in an adult with persistent ductus venosus. Review with hypothesis on pathogenesis. Wanless IR, et al. **Arch Pathol Lab Med** 1985 May;109(5):427-32

Transjugular biopsy of the liver. Colapinto RF. **Clin Gastroenterol** 1985 Apr;14(2):451-67

In vivo hepatic volume determination using sonography and computed tomography. Validation and a comparison of the two techniques. Van Thiel DH, et al. **Gastroenterology** 1985 Jun;88(6):1812-7

Basement membrane production by hepatocytes in chronic liver disease. Bianchi FB, et al. **Hepatology** 1984 Nov-Dec; 4(6):1167-72

Ultrastructural liver pathology in patients with minimal liver disease and alpha 1-antitrypsin deficiency: a comparison between heterozygous and homozygous patients. Hultcrantz R, et al. **Hepatology** 1984 Sep-Oct;4(5):937-45

The liver in the acquired immunodeficiency syndrome: a clinical and histologic study. Lebovics E, et al. **Hepatology** 1985 Mar-Apr;5(2):293-8

GI symptoms in woman with pulmonary sarcoid. Hoenig LJ, et al. **Hosp Pract [Off]** 1985 Sep 30;20(9A):19-20

Extrapulmonary silicosis: a clinical, morphologic, and ultrastructural study. Slavin RE, et al. **Hum Pathol** 1985 Apr;16(4):393-412

Peliosis-like ultrastructural changes of the hepatic sinusoids in human chronic hypervitaminosis A: report of three cases. Zafrani ES, et al. **Hum Pathol** 1984 Dec;15(12):1166-70

Subacute hepatic necrosis. Agarwal RK, et al. **Indian Pediatr** 1984 Nov;21(11):910-3

Non-specific liver disease of the tropics. Guha Mazumder DN, et al. **J Indian Med Assoc** 1984 Oct;82(10):349-53

Occurrence of cell death (apoptosis) during the involution of liver hyperplasia. Columbano A, et al. **Lab Invest** 1985 Jun;52(6):670-5

Morphological markers with predictive-evolutive value in liver diseases. Banciu T, et al. **Med Interne** 1984 Oct-Dec; 22(4):297-301

Extrapulmonary localisation of carbon and silica particles in anthracosilicosis. Kádas I, et al. **Med Lav** 1984 Sep-Oct; 75(5):404-6

Solitary nonparasitic liver cysts [letter] Keller SM, et al. **NY State J Med** 1985 Mar;85(3):95-6

Drug-induced liver injury in liver biopsies of the years 1981 and 1983, their prevalence and type of presentation. Koch HK, et al. **Pathol Res Pract** 1985 Mar;179(4-5):469-77

Hepatocellular calcification. Pounder DJ. **Pathology** 1985 Jan;17(1):115-8

Aspiration cytology of a human liver allograft. Lautenschlager I, et al. **Transplant Proc** 1984 Oct; 16(5):1243-6

Actinomycosis of the liver. Raju GC, et al. **Trop Geogr Med** 1985 Jun;37(2):189-91

[Hepatorenal syndrome--clinical analysis of 68 cases and a pathological study of 48 cases] Qiu XN. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):558-60 (Eng. Abstr.) **(Chi)**

[Peliosis hepatis and sinusoidal dilatation] Degott C, et al. **Arch Anat Cytol Pathol** 1984;32(5):296-300 (Eng. Abstr.) **(Fre)**

[Perisinusoidal fibrosis] Feroldi J, et al. **Arch Anat Cytol Pathol** 1984;32(5):287-95 (Eng. Abstr.) **(Fre)**

[Perfusion-fixation of liver needle biopsy: technic] Bioulac-Sage P, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):656-9 (Eng. Abstr.) **(Fre)**

[Hepatic biopsy by posterior extraperitoneal puncture. Statistics of 1000 cases] Andreoni B, et al. **J Chir (Paris)** 1985 Mar;122(3):175-81 (Eng. Abstr.) **(Fre)**

[Adaptive and compensatory reactions in the liver] Blüger A, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(2):68-75 (Eng. Abstr.) **(Ger)**

[Risk-benefit relation of liver biopsy in unclear jaundice] Wiese M. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):20-6 (Eng. Abstr.) **(Ger)**

[Lipolytic liver tissue necrosis in pancreatitis] Bettendorf U. **Pathologe** 1985 May;6(3):158-60 **(Ger)**

[Morphology of liver damage in chronic hepatic porphyria with special reference to the effect of therapy] Riedel H, et al. **Pathologe** 1984 Jul;5(4):216-25 **(Ger)**

[Analysis of the results of 96 CT-guided fine needle biopsies of liver masses] Lüning M, et al. **ROFO** 1984 Sep; 141(3):267-75 (Eng. Abstr.) **(Ger)**

[Ultrasound-guided thin-needle biopsy in focal liver diseases. II. Benign focal liver diseases] Wernecke K, et al. **Ultraschall Med** 1984 Dec;5(6):303-11 (Eng. Abstr.) **(Ger)**

[Epitheloid cell granuloma of the liver] Baumgarten R, et al. **Z Arztl Fortbild (Jena)** 1984;78(17):697-8 **(Ger)**

[Reference for Menghini's liver biopsy in infants, small children and school children] Cario WR, et al. **Z Arztl Fortbild (Jena)** 1984;78(20):885-8 **(Ger)**

[Variability of the clinical and laboratory aspects in the presentation of chronic liver diseases in relation to their etiology. Analysis of a case study and review of the literature] Cozzolino G, et al. **Minerva Med** 1985 Apr 14; 76(16):753-60 (Eng. Abstr.) **(Ita)**

[Studies on hepatocellular injury in experimentally induced acute hepatic failure--I. Possible involvement of the activated adherent cells] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):603-9 (Eng. Abstr.) **(Jpn)**

[Studies on experimentally induced acute hepatic failure: the significance of adherent cell activation in the liver] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug; 81(8):1868 **(Jpn)**

[Multichamber pseudocyst of the liver with malacoplakia] Moldavskii MI, et al. **Klin Khir** 1984 Sep;(9):64-5 **(Rus)**

[Postoperative anaerobic gangrene of the liver] Shevchenko BF, et al. **Klin Khir** 1984 Sep;(9):66 **(Rus)**

[Algorithm in hepatology. Blind biopsy or laparoscopic biopsy?] Jmelnitzky A, et al. **Acta Gastroenterol Latinoam** 1983;13(2):155-61 (Eng. Abstr.) **(Spa)**

[Extrathoracic anthracosis (letter)] Cabarcos A, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):469 **(Spa)**

[Usefulness of hepatic biopsy in fever of unknown origin] Moreno A, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):228-30 **(Spa)**

[Clinico-morphologic study of hepatic dysfunction associated with parenteral nutrition in adults: apropos of 15 cases] Pallarés R, et al. **Med Clin (Barc)** 1984 Dec 15; 83(20):837-41 (Eng. Abstr.) **(Spa)**

[Complications and results of 1000 consecutive hepatic needle biopsies] Díaz de Otazu R, et al. **Rev Clin Esp** 1985 Mar; 176(5):229-33 (Eng. Abstr.) **(Spa)**

[Clinico-morphologic correlation in 12 cases of hepatocutaneous porphyria tarda] Lozano Gutiérrez F, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):142-50 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Effects of cimetidine and ranitidine on splanchnic hemodynamics in patients with chronic liver disease. Ohnishi K, et al. **Am J Gastroenterol** 1985 Apr;80(4):290-3

Interrelationship between type of spontaneous portal systemic shunt and portal vein pressure in patients with liver disease. Ohnishi K, et al. **Am J Gastroenterol** 1985 Jul;80(7):561-4

Nitrous oxide does not hinder the repair of halothane-induced hepatic injury in the rat. Fassoulaki A, et al. **Anesth Analg** 1985 May;64(5):465-7

IgA nephropathy in chronic liver disease. Nochy D, et al. **Contrib Nephrol** 1984;40:268-75 (52 ref.)

Renal perfusion in chronic liver diseases: evaluation by radiotechnetium renography. Fanfani G, et al. **Eur J Nucl Med** 1985;10(7-8):317-20

Disturbed adrenocortical function in cerebro-hepato-renal syndrome of Zellweger. Govaerts L, et al. **Eur J Pediatr** 1984 Nov;143(1):10-2

The influence of metabolic liver defects on diethylnitrosamine (NDEA)-carcinogenesis in Gunn rats. Althoff J, et al. **Exp Pathol** 1985;27(3):171-8

Quantitative measurement of portal blood flow in patients with chronic liver disease using an ultrasonic Duplex system consisting of a pulsed Doppler flowmeter and B-mode electroscanner. Moriyasu F, et al. **Gastroenterol Jpn** 1984 Dec;19(6):529-36

Tubular dysfunction in the deeply jaundiced patient with hepatorenal syndrome. Rector WG Jr, et al. **Hepatology** 1985 Mar-Apr;5(2):321-6

Sexual function and liver failure. Della Casa L, et al. **J Endocrinol Invest** 1985;8 Suppl 2:111-6

Kinetics of drug action in disease states XII: Effect of experimental liver diseases on the pharmacodynamics of phenobarbital and ethanol in rats. Danhof M, et al. **J Pharm Sci** 1985 Mar;74(3):321-4

Consistency of human liver. Yamanaka N, et al. **J Surg Res** 1985 Sep;39(3):192-8

Displacement of the diaphragmatic echo by hepatic cysts: a new explanation with computer simulation. Mayo J, et al. **J Ultrasound Med** 1984 Aug;3(8):337-40

Liver involvement in sickle cell disease. Johnson CS, et al. **Medicine (Baltimore)** 1985 Sep;64(5):349-56

Hepatic and encephalopathic components of Reye's syndrome: factor analysis of admission data from 209 patients. Mitchell RA, et al. **Neurology** 1985 Aug; 35(8):1236-9

Practical approaches to assessing liver function. Poley JR. **Pediatr Ann** 1985 Jun;14(6):423-5, 428-30

Regulatory factors in pathologic processes of the liver modulators and interacting metabolic networks. Popper H, et al. **Semin Liver Dis** 1985 May;5(2):191-208 (179 ref.)

Liver disease and the hypothalamic pituitary gonadal axis. Van Thiel DH, et al. **Semin Liver Dis** 1985 Feb;5(1):35-45

Copper: its role in the pathogenesis of liver disease. Walshe JM. **Semin Liver Dis** 1984 Aug;4(3):252-63 (73 ref.)

Effects of regenerating liver cytosol on drug-induced hepatic failure. Ohkawa M, et al. **Surgery** 1985 Apr;97(4):455-62

Alternations of liver pathophysiology in experimental hepatic failure treated by two forms of plasma purification procedure. Ouchi K, et al. **Tohoku J Exp Med** 1985 Jun; 146(2):211-23

Multiple cysts in the hepatic hilum and their pathogenesis. A suggestion of periductal gland origin. Nakanuma Y, et al. **Virchows Arch [A]** 1984;404(4):341-50

[Importance of monitoring placental alkaline phosphatase in the monitoring of the fetoplacental unit] Novák J, et al. **Cesk Gynekol** 1984 Dec;49(10):708-12 (Eng. Abstr.) **(Cze)**

[Torsade de pointes induced by the combination lidocaine-erythromycin and hepatic insufficiency (letter)] Gueugniaud PY, et al. **Presse Med** 1985 Apr 20;14(16):896 **(Fre)**

[Circulatory behavior of patients with liver insufficiency] Lenz K, et al. **Wien Klin Wochenschr** 1985 May 10; 97(10):469-74 (Eng. Abstr.) **(Ger)**

[Various parameters of hemostasis in patients with chronic liver diseases] Paracchini ML, et al. **Minerva Med** 1985 Aug 25;76(32-33):1469-72 (Eng. Abstr.) **(Ita)**

[The role of erythrocyte deformability in the prolonged bleeding time in liver disease patients] Moia M, et al. **Ric Clin Lab** 1985;15 Suppl 1:213-8 (Eng. Abstr.) **(Ita)**

[Measurement of electric liver resistivity in chronic liver disease] Shimizu J, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2005-11

(Eng. Abstr.) **(Jpn)**

[Effect of intraperitoneal injection of topical thrombin on the coagulation and fibrinolysis of rabbits with experimental liver damages] Ishii H, et al. **Nippon Yakurigaku Zasshi** 1985 Feb;85(2):97–110 (Eng. Abstr.) **(Jpn)**

[Monitoring of acute hepatic failure] Inoue N. **Rinsho Byori** 1984 Oct;32(10):1084–90 **(Jpn)**

PREVENTION & CONTROL

Antihepatoxic constituents of Garcinia kola seeds. Iwu MM. **Experientia** 1985 May 15;41(5):699–700

Fibrin sponge plugging of hemorrhage from laparoscopic biopsy. Dagnini G, et al. **Gastrointest Endosc** 1985 Feb; 31(1):35–6

A possible beneficial effect of metronidazole in reducing TPN–associated liver function derangements. Freund HR, et al. **J Surg Res** 1985 Apr;38(4):356–63

Liver disease in alpha 1–antitrypsin deficiency. A retrospective analysis of the influence of early breast– vs bottle–feeding. Udall JN Jr, et al. **JAMA** 1985 May 10; 253(18):2679–82

Metronidazole prevention of serum liver enzyme abnormalities during total parenteral nutrition. Lambert JR, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul–Aug; 9(4):501–3

Antinecrotic effect of 3–palmitoyl–(+)–catechin against liver damage induced by galactosamine or ethanol in the rat. Perrissoud D, et al. **Liver** 1985 Apr;5(2):55–63

Protective action of 2(3)–tert–butyl–4–hydroxyanisole (BHA) on acetaminophen–induced liver necrosis in male A/J mice. Rosenbaum SE, et al. **Res Commun Chem Pathol Pharmacol** 1984 Dec; 46(3):425–35

[Possibilities of influencing the hepatotoxicity of chemotherapeutics by the use of silymarin] Bartoň P, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):173–5 (Eng. Abstr.) **(Cze)**

[Improvement of the hepatoprotective effect of silymarin when administered by injection] Režábek K, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):170–2 (Eng. Abstr.) **(Cze)**

[Results of tests of the hepatoprotective effect of silymarin in experimental animals] Siblíková O, et al. **Cas Lek Cesk** 1985 Feb 8;124(6):165–9 (Eng. Abstr.) **(Cze)**

[Prophylactic effect of tritoqualine (TRQ) on the CCl4–induced chronic liver injury model in rats] Umezu K, et al. **Nippon Yakurigaku Zasshi** 1985 Mar;85(3):185–92 (Eng. Abstr.) **(Jpn)**

[Prevention and treatment of acute liver failure in mechanical jaundice by using a complex of natural antioxidants] Gavrilenko GA, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):35–9 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Hepatic interlobar fissure [letter] Irvine AT, et al. **AJR** 1985 Jun;144(6):1314–5

Analysis of parenchymal opacification by digital angiography. Feltrin GP. **Ann Radiol (Paris)** 1985; 28(2):137–42

The liver. Nunnerley HB. **Clin Gastroenterol** 1985 Apr; 14(2):331–54

The use of computed tomography in fulminant hepatic failure. Inamoto K, et al. **Radiat Med** 1983 Oct–Dec; 1(4):311–3

[Focal liver disease in the CT image] Sehr A, et al. **Rozhl Chir** 1985 Jun;64(6):443–50 (Eng. Abstr.) **(Cze)**

[Hepatic calcifications and esophageal stenosis of herpetic origin in an infant (radiological case of the month)] Vidailhet M, et al. **Arch Fr Pediatr** 1985 Jan;42(1):45–7 **(Fre)**

[ROC (receiver operating characteristic) study for the recognition of liver lesions on the computer tomogram] Rockstroh G, et al. **Digitale Bilddiagn** 1985 Jun;5(2):70–3 (Eng. Abstr.) **(Ger)**

[Serial computed tomography. Value of densitometric measurements in the diagnosis of benign and malignant lesions of the liver, pancreas and kidney] Krahe T, et al. **ROFO** 1985 Jul;143(1):28–35 (Eng. Abstr.) **(Ger)**

[Effect of computer tomography on the diagnostic findings and therapy planning in diseases of the epigastrium] Waclawiczek HW, et al. **Zentralbl Chir** 1984;109(18):1161–6 (Eng. Abstr.) **(Ger)**

[Ultrasonically–guided percutaneous transhepatic cholecystography (US–PTCC) for diagnosis of spontaneous internal biliary fistula] Inui K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1817–23 (Eng. Abstr.) **(Jpn)**

[A case of xanthogranuloma of the liver] Hashimoto M, et al. **Rinsho Hoshasen** 1985 Jan;30(1):133–6 (Eng. Abstr.) **(Jpn)**

[Computed tomography in exploring hepatopancreatic lesions] Georgescu S. **Rev Med Interna [Med Interna]** 1984 May–Jun;36(3):243–55 (Eng. Abstr.) **(Rum)**

[Value of computed axial tomography in the diagnosis of diseases of the liver parenchyma] Franquelo Villalonga E, et al. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):135–42 (Eng. Abstr.) **(Spa)**

RADIONUCLIDE IMAGING

Scintigraphic imaging of an unusual liver displacement. Huys J, et al. **Clin Nucl Med** 1985 Jan;10(1):42–3

False–positive liver scan due to ascites. Velchik MG. **Clin Nucl Med** 1985 Jan;10(1):46–7

Technetium–99m HIDA hepatic lobar distribution and retention ratios in detection of intrahepatic lithiasis. Yeh SH, et al. **J Nucl Med** 1985 Mar;26(3):241–9

In vitro properties and clinical use of 99mTc–3–bromo–2,4,6–trimethyl–IDA in sequential hepatobiliary scintigraphy. Camuzzini GF, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):167–79

Hepatobiliary scintigraphy and function test with 99mTc–N–pyridoxyl–5–methyltryptophan (99mTC–PMT). Sugimura K, et al. **Kobe J Med Sci** 1985 Apr;31(2):85–94

Cystic disease of the liver studied by 99Tcm DISIDA and 99Tcm sulphur colloid imaging. Shih WJ, et al. **Nucl Med Commun** 1985 Mar;6(3):173–8

The probabilistic image: a concise image representation technique for multiple parameters. Wu LC, et al. **Nucl Med Commun** 1984 Sep;5(9):587–91

Retention ratio image: a useful parametric image for detecting intrahepatic lithiasis. Yeh SH, et al. **Nucl Med Commun** 1984 May;5(5):323–7

The spleen–to–liver ratios in hepatic diseases. Vorne M, et al. **Nuklearmedizin** 1984 Dec;23(6):301–4

Liver–spleen studies with the rotating gamma camera. I: Utility of the rotating display. Kalff V, et al. **Radiology** 1984 Nov;153(2):533–6

Liver–spleen studies with the rotating gamma camera. II: Utility of tomography. Keyes JW Jr, et al. **Radiology** 1984 Nov;153(2):537–41

Kinetics and in vivo distribution of 111–In–labelled autologous platelets in chronic hepatic disease: mechanisms of thrombocytopenia. Schmidt KG, et al. **Scand J Haematol** 1985 Jan;34(1):39–46

[Study of space–occupying lesions in the liver using technetium–99m tin colloid and indium–113m chloride] Nelson MJ, et al. **S Afr Med J** 1985 Jan 26;67(4):121–4 (Eng. Abstr.) **(Afr)**

[Single–photon emission computer tomography and its present use] Stich V, et al. **Cas Lek Cesk** 1985 Jan 25; 124(4):97–101 (Eng. Abstr.) **(Cze)**

[Protein turnover in liver failure––determination using the stable isotope 15N] Matkowitz R, et al. **Leber Magen Darm** 1984 Mar;14(2):83–9 (Eng. Abstr.) **(Ger)**

[Clinical usefulness of integrated images of the radionuclide liver angiogram to evaluate diffuse hepatic disease] Kobayashi S, et al. **Radioisotopes** 1985 Jan;34(1):11–4 (Eng. Abstr.) **(Jpn)**

[Integrated image of radionuclide liver angiogram] Kobayashi S, et al. **Rinsho Hoshasen** 1984 Dec; 29(13):1525–7 (Eng. Abstr.) **(Jpn)**

[Hepatic reticuloendothelial failure: report of 2 cases] Ohtake E, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1119–22 (Eng. Abstr.) **(Jpn)**

[Analysis of 99mTc–HIDA kinetics using an adaptive model] Misochko IV, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):15–9 (Eng. Abstr.) **(Rus)**

SURGERY

Anesthesia for pediatric orthotopic liver transplantation. Borland LM, et al. **Anesth Analg** 1985 Feb;64(2):117–24

One hundred hepatic resections. Indications and operative results. Nagao T, et al. **Ann Surg** 1985 Jul;202(1):42–9

The indications for orthotopic liver transplantation in humans. Pollak R. **Curr Surg** 1985 Jan–Feb;42(1):1–3

Further report of a prospective randomized trial comparing distal splenorenal shunt with end–to–side portacaval shunt. An analysis of encephalopathy, survival, and quality of life. Langer B, et al. **Gastroenterology** 1985 Feb;88(2):424–9

Postoperative total parenteral nutrition in patients with liver disorders. Okuno M, et al. **J Surg Res** 1985 Aug; 39(2):93–102

Liver transplantation. Jenkins RL, et al. **Surg Clin North Am** 1985 Feb;65(1):103–22 (26 ref.)

Plasma amino acids in liver transplantation: correlation with clinical outcome. Reilly JJ Jr, et al. **Surgery** 1985 Mar; 97(3):263–70

Hepatic subcapsular hemorrhage associated with pregnancy. Stalter KD, et al. **Surgery** 1985 Jul;98(1):112–4

Hepatic artery ligation for spontaneous hepatic rupture in pregnancy. Naraynsingh V, et al. **West Indian Med J** 1984 Sep;33(3):198–200

Microwave surgery: hepatectomy using a microwave tissue coagulator. Tabuse K, et al. **World J Surg** 1985 Feb; 9(1):136–43

[Orthoptic hepatic transplantation] Gelin M, et al. **Acta Chir Belg** 1984 Nov–Dec;84(6):CXXXIII–CXXXVI **(Fre)**

[The Leveen shunt in refractory ascites and hepatorenal syndrome. Review of the literature, 10 years later] Lheureux P, et al. **Acta Gastroenterol Belg** 1984 Sep–Oct; 47(5):476–83 (Eng. Abstr.) **(Fre)**

[Hydatid cysts of the liver rupturing into the bile ducts. Therapeutic procedures] Ennabli E, et al. **Ann Chir** 1985 May;39(4):243–50 (Eng. Abstr.) **(Fre)**

[Peroperative coagulation disorders in the cirrhotic patient and during partial hepatectomies] Thuot C, et al. **Union Med Can** 1984 Jun;113(6):465–8 (Eng. Abstr.) **(Fre)**

[Liver resection. Indications and results] Bismuth H, et al. **Chirurg** 1985 Apr;56(4):203–10 **(Ger)**

[Liver resection in benign, malignant and parasitic liver diseases. Indication and risk] Bähr R. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1730–5 (28 ref.) **(Ger)**

[Which benign liver tumors present surgical indications and how do you assure the diagnosis preoperatively?] Altmann HW, et al. **Langenbecks Arch Chir** 1984;363(2):139–45 **(Ger)**

[Infrared contact coagulation of the liver: technic––tactics––results] Guthy E, et al. **Langenbecks Arch Chir** 1984;363(2):129–38 (Eng. Abstr.) **(Ger)**

[Clinical liver transplantation in East Germany] Wolff H, et al. **Zentralbl Chir** 1985;110(13):794–802 (Eng. Abstr.) **(Ger)**

[Benign and malignant stenosis of the hilus hepatis] Pezzuoli G. **Minerva Chir** 1985 Apr 15;40(7):461–3 **(Ita)**

[Solitary cyst of the liver in a child] Lukoianova GM, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):139–40 **(Rus)**

[Biliary hypertension in opisthorchiasis patients] Zigan'shin RV, et al. **Vestn Khir** 1984 Dec;133(12):29–33 (Eng. Abstr.) **(Rus)**

[Diagnosis and surgical treatment of liver cysts] Moravec R, et al. **Rozhl Chir** 1985 May;64(5):340–5 (Eng. Abstr.) **(Slo)**

[Surgical treatment of solitary non–parasitic liver cysts] López Lizárraga C, et al. **Rev Gastroenterol Mex** 1984 Oct–Dec;49(4):239–42 (Eng. Abstr.) **(Spa)**

THERAPY

Hepatic cysts: treatment with alcohol. Bean WJ, et al. **AJR** 1985 Feb;144(2):237–41

Branched–chain amino acids in sepsis and hepatic failure. Mizock BA. **Arch Intern Med** 1985 Jul;145(7):1284–8 (64 ref.)

Role of activated carbon hemoperfusion in the recovery of livers exposed to ischemic damage. Toledo–Pereyra LH. **Arch Surg** 1985 Apr;120(4):462–5

Resin hemoperfusion in hepatic porphyrias. Horák J, et al. **Artif Organs** 1985 May;9(2):169–72

Influence of hemoperfusion using coated [illegible]d–type charcoal on middle molecules of hepatic failure dogs. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):493–7

Conservative treatment of liver hematoma in the postpartum period. A report of two cases. Goodlin RC, et al. **J Reprod Med** 1985 Apr;30(4):368–70

The future of hepatology. Sherlock S. **Neth J Med** 1984; 27(7):262–7 (21 ref.)

Hepatic rupture associated with pregnancy: treatment with transcatheter embolotherapy. Loevinger EH, et al. **Obstet Gynecol** 1985 Feb;65(2):281–4

The management of metabolic disorders of the liver. Mowat A. **Pediatr Ann** 1985 Jul;14(7):501–4, 506–7

Hepatic trauma: evaluation of routine drainage. Mullins RJ, et al. **South Med J** 1985 Mar;78(3):259–61

Injection sclerotherapy for esophageal varices caused by schistosomal hepatic fibrosis. Bessa SM, et al. **Surgery** 1985 Feb;97(2):164–8

[Decompression punctures in cystic organic degeneration (liver, kidneys) under ultrasonic control] Brockmann WP, et al. **Digitale Bilddiagn** 1985 Jun;5(2):80–4 (Eng. Abstr.) **(Ger)**

[Sense or nonsense––in–patient cures for patients with liver diseases] Luchmann A. **Off Gesundheitswes** 1985 Jun; 47(6):245–7 **(Ger)**

[Hepato–biliary emergencies] Marrano D. **Minerva Med** 1984 Aug 25;75(32–33):1849–52 **(Ita)**

[New apparatus for artificial liver support: PAT resin––removal of protein–bound substances and its effect on hepatic failure in animals] Omori Y. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):566–75 (Eng. Abstr.) **(Jpn)**

[Clinical application of plasmapheresis in liver failure] Hamabe S, et al. **Nippon Rinsho** 1984 Aug;42(8):1845–9 **(Jpn)**

[Clinical study on therapeutic plasmapheresis––mechanism of its efficacy, indications, and the clinical application. e. Liver failure] Sakai T. **Nippon Rinsho** 1984 Aug; 42(8):1875–80 (15 ref.) **(Jpn)**

[Treatment of acute hepatic porphyria] Kostrzewska E. **Pol Tyg Lek** 1984 Jun 4;39(23):781–4 (Eng. Abstr.) **(Pol)**

[Differential approach to hemodialysis, hemosorption and isolated ultrafiltration in acute kidney–liver failure] Bukin VE, et al. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):68–70 (Eng. Abstr.) **(Rus)**

[Artificial oxygenation in the intensive therapy of liver failure in acute surgical abdominal pathology] Kantsaliev LB. **Anesteziol Reanimatol** 1985 Mar–Apr;(2):70–3 (Eng. Abstr.) **(Rus)**

[Promotion of regeneration in extensive lesions of the liver (review of the literature)] Karagiulian SR, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):139–43 (60 ref.) **(Rus)**

[Use of a suspension of allogeneic liver cells in treating patients with acute liver and liver–kidney failure] Komarov BD, et al. **Khirurgiia (Mosk)** 1985 Jan;(1):34–7 (Eng. Abstr.) **(Rus)**

[Use of a hepatocyte suspension in a hemosorption system in acute hepatic failure (experimental study)] Margulis MS, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):121–4 **(Rus)**

[Use of isolated living hepatocytes in the treatment of liver failure (review of the literature)] Margulis MS, et al.

Khirurgiia (Mosk) 1985 Mar;(3):150–3 (18 ref.) **(Rus)**

[Comparative evaluation of the effectiveness of carbon sorbents in experimental liver failure] Andreiman LA, et al. **Klin Khir** 1985 Jan;(1):54–5 (Eng. Abstr.) **(Rus)**

[Hemosorption in the combined treatment of leptospirosis patients in the liver-kidney failure stage] Asauliuk IK, et al. **Klin Med (Mosk)** 1985 Apr;63(4):114–7 **(Rus)**

[Treatment of acute pancreatitis patients with functional liver failure] Koval'chuk VI, et al. **Vestn Khir** 1984 Sep; 133(9):26–30 (Eng. Abstr.) **(Rus)**

URINE

Urinary porphyrins in liver disease. Ostrowski J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):862–6

[Clinical significance of D-glucaric of D-glucaric acid determination in the urine of porphyria cutanea tarda patients] Adjarov D, et al. **Dermatol Monatsschr** 1985; 171(4):233–5 (Eng. Abstr.) **(Ger)**

VETERINARY

Serum bile acids as an indicator of liver disease in dogs. Hauge JG, et al. **Acta Vet Scand** 1984;25(4):495–503

Propionate loading test for liver function during experimental liver necrosis in sheep. Gröhn Y, et al. **Am J Vet Res** 1985 Apr;46(4):952–8

Geeldikkop in goats. Glastonbury JR, et al. **Aust Vet J** 1985 Feb;62(2):62–3

Atypical Pasteurella haemolytica type A from poultry. Addo PB, et al. **Avian Dis** 1985 Jan–Mar;29(1):214–7

Hepatic-lipidosis in a post parturient mare. Murray M. **Equine Vet J** 1985 Jan;17(1):68–9

Cynoglossum officinale (hound's-tongue)--a cause of pyrrolizidine alkaloid poisoning in horses. Knight AP, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):647–50

Calculation of dosage regimens of antimicrobial drugs in animals with renal and hepatic dysfunction. Riviere JE. **J Am Vet Med Assoc** 1984 Nov 15;185(10):1094–7 (34 ref.)

Congenital cystic disease of the liver in seven dogs. Van den Ingh TS, et al. **J Comp Pathol** 1985 Jul;95(3):405–14

Suspected Tyzzer's disease in two foals. Van der Lugt JJ, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):107–8

Kwashiorkor. Reid GM. **Med Hypotheses** 1984 Aug; 14(4):401–6

Distribution of 5'-nucleotidase in the tissues of sheep and the effect of kidney and liver lesions on the activity of the enzyme in plasma and urine. Ford EJ, et al. **Res Vet Sci** 1985 Jul;39(1):103–9

Laboratory evaluation of liver disease. Hall RL. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):3–19

Acute hepatic failure. Sherding RG. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):119–33

Cirrhosis: a consequence of chronic liver disease. Twedt DC. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):151–76

Radiographic and ultrasonographic diagnosis of liver diseases in dogs and cats. Wrigley RH. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):21–38

Interpretation of canine liver biopsy. A clinician's perspective. Zawie DA, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan;15(1):67–76

Feline hepatic disease. Zawie DA, et al. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1201–30 (80 ref.)

Copper toxicosis in a Bedlington terrier. Colvin BM, et al. **Vet Hum Toxicol** 1984 Dec;26(6):486–7

An unusual morphologic form of hepatic amyloidosis in a goat. Farnsworth GA, et al. **Vet Pathol** 1985 Mar; 22(2):184–6

Histochemical demonstration of copper and copper-associated protein in the canine liver. Thornburg LP, et al. **Vet Pathol** 1985 Jul;22(4):327–32

Liver lesions resembling ovine white liver disease in cobalt deficient lambs. McLoughlin MF, et al. **Vet Rec** 1984 Sep 29;115(13):325

LIVER DISEASES, ALCOHOLIC

Alcoholic liver disease in Punjab. Roy K, et al. **Indian J Gastroenterol** 1985 Jul;4(3):161–2

BLOOD

Decreased serum selenium in alcoholics as related to liver structure and function. Korpela H, et al. **Am J Clin Nutr** 1985 Jul;42(1):147–51

Erythrocyte and leukocyte lipids in alcoholic macrocytosis. Halsall S, et al. **Clin Chim Acta** 1985 Jul 15;149(2–3):165–73

Polymorphonuclear leucocyte locomotion and aggregation in patients with alcoholic liver disease. Rajkovic IA, et al. **Clin Exp Immunol** 1984 Dec;58(3):654–62

Low blood selenium levels in alcoholics with and without advanced liver disease. Correlations with clinical and nutritional status. Dworkin B, et al. **Dig Dis Sci** 1985 Sep; 30(9):838–44

Transferrin and the alcoholic liver. Aisen P. **Hepatology** 1985 Sep–Oct;5(5):902–3

Serum type III procollagen peptide in alcoholic liver disease and idiopathic hemochromatosis: its relationship to hepatic fibrosis, activity of the disease and iron overload. Colombo M, et al. **Hepatology** 1985 May–Jun;5(3):475–9

Transferrin metabolism in alcoholic liver disease. Potter BJ, et al. **Hepatology** 1985 Sep–Oct;5(5):714–21

[Disturbances in glycoregulation and plasma amino acids in alcoholic hepatopathies. Study using the arginine test] Doffoël M, et al. **Presse Med** 1984 Oct 6;13(35):2129–32 (Eng. Abstr.) **(Fre)**

[Lipoprotein metabolism in male alcoholics with and without liver disease--with special reference to changes in apoprotein A-I and A-II] Fujimori Y, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Jun;19(2):124–35 (Eng. Abstr.) **(Jpn)**

[Plasma kallikrein-kinin system in liver diseases--especially in alcoholic liver injuries] Fujii M. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):450–8 (Eng. Abstr.) **(Jpn)**

[Plasma glycoprotein variations in alcoholic hepatopathies after an oral ethanol overload: preliminary study] Ibarra de la Rosa I, et al. **Rev Esp Enferm Apar Dig** 1985 Apr; 67(4):309–15 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Psoriasis, alcohol, and liver disease. Chaput JC, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):25

[Possible participation of a cholestatic factor in the pathogenesis of intrahepatic cholestasis in alcoholic liver disease] Mizoguchi Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):441–9 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Comparative diagnosis of alcoholic liver diseases by multivariate and histological analysis. Kitadai M, et al. **Acta Med Okayama** 1985 Feb;39(1):11–8

Diagnostic value of serum procollagen peptide measurements in alcoholic liver disease. Savolainen ER, et al. **Alcoholism (NY)** 1984 Jul–Aug;8(4):384–9

The diagnostic value of fasting individual serum bile acids in anicteric alcoholic liver disease: relation to liver morphology. Einarsson K, et al. **Hepatology** 1985 Jan–Feb; 5(1):108–11

Sinusoidal caliber in alcoholic and nonalcoholic liver disease: diagnostic and pathogenic implications. Vidins EI, et al. **Hepatology** 1985 May–Jun;5(3):408–14

Radiologic evaluation of the liver in the alcoholic patient. Peng JJ, et al. **Neurobehav Toxicol Teratol** 1985 Mar–Apr; 7(2):107–12 (47 ref.)

Gamma-glutamyltranspeptidase, aspartate aminotransferase, and erythrocyte mean corpuscular volume as indicators of alcohol consumption in liver disease. Eriksen J, et al. **Scand J Gastroenterol** 1984 Sep;19(6):813–9

[Diagnosis, therapy and prognosis of alcohol-induced liver diseases] Teschke R, et al. **Lebensversicherungsmedizin** 1984 Jul 18;36(6):126–9 (Eng. Abstr.) **(Ger)**

[Determination of cholylglycine in alcoholic hepatopathies. Clinical usefulness] Pagani A, et al. **Minerva Dietol Gastroenterol** 1985 Jan–Mar;31(1):25–31 (Eng. Abstr.) **(Ita)**

[Diagnostic value of the activity of isoforms of gamma-glutamyltranspeptidase in chronic alcoholic lesions of the liver] Loginov AS, et al. **Klin Med (Mosk)** 1984 Jul;62(7):93–7 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Clinical, enzymological and histological changes in chronic diffuse liver diseases following (+)-cyanidanol-3 (Catergen) treatment. Halmy L, et al. **Acta Physiol Hung** 1984;64(3–4):461–70

(+)-Cyanidanol-3 for alcoholic liver disease: results of a six-month clinical trial. World MJ, et al. **Alcohol Alcohol** 1984;19(1):23–9

On the hypolipemic properties of bendaline. Marmo E, et al. **J Med** 1984;15(2):105–25

[Controlled clinical trial in the treatment of chronic hepatopathy of toxico-metabolic etiology] Carrara G, et al. **Clin Ter** 1984 Jun 30;109(6):545–55 (Eng. Abstr.) **(Ita)**

ENZYMOLOGY

Chemiluminescence and superoxide dismutase in the plasma in patients with alcoholic and non-alcoholic liver injuries. Kubota S, et al. **Alcohol** 1985 May–Jun;2(3):469–72

Relationship between gamma-glutamyl transpeptidase and mean urinary alcohol levels in alcoholics while drinking and after alcohol withdrawal. Orrego H, et al. **Alcoholism (NY)** 1985 Jan–Feb;9(1):10–3

Hepatic gamma-glutamyl transferase and hepatic fibrosis in patients with alcoholic liver disease. Yamauchi M, et al. **Enzyme** 1984;32(2):110–5

Aldehyde dehydrogenase in alcoholic subjects. Palmer KR, et al. **Hepatology** 1985 Mar–Apr;5(2):260–3

Clinical value of serum guanase in alcoholic liver disease. Ito S, et al. **Tokushima J Exp Med** 1984 Jun;31(1–2):1–7

[Metabolic aspects of alcoholic liver damage: 1984/5 update. 1. Epidemiology and alcohol metabolism] Seitz HK. **Z Gastroenterol** 1984 Dec;22(12):669–81 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Ethanol and diet interactions in male rhesus monkeys. Rogers AE, et al. **Drug Nutr Interact** 1981;1(1):3–14

Hepatitis B and alcoholic liver disease [letter] Szilagyi A. **Gastroenterology** 1984 Dec;87(6):1404–5

Alcohol and the liver: 1984 update. Lieber CS. **Hepatology** 1984 Nov–Dec;4(6):1243–60 (257 ref.)

[Alcohol and the liver] Kershenobich D, et al. **Rev Gastroenterol Mex** 1982 Jul–Sep;47(3):149–53 **(Spa)**

FAMILIAL & GENETIC

Oxidation phenotyping in alcoholics with liver disease of varying severity. Lanthier PL, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):435–41

The Duffy blood system and alcoholic liver disease in Baltimore black patients. Miller JM, et al. **Alcoholism (NY)** 1984 Sep–Oct;8(5):459

IMMUNOLOGY

Characterization of circulating T-lymphocyte subsets in alcoholic liver disease by monoclonal antibodies: correlation with the absolute lymphocyte count. Chelazzi G, et al. **Boll Ist Sieroter Milan** 1985;64(2):131–4

Helper and suppressor T lymphocyte function in severe alcoholic liver disease. McKeever U, et al. **Clin Exp Immunol** 1985 Apr;60(1):39–48

Presence and origin of IgA1- and IgA2-containing circulating immune complexes in chronic alcoholic liver diseases with and without glomerulonephritis. Coppo R, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):1–8

Antibody to G-actin in different categories of alcoholic liver disease: quantification by an ELISA and significance for alcoholic cirrhosis. Cunningham AL, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):158–64

Immunoglobulin A in alcoholic liver disease. van de Wiel A, et al. **Contrib Nephrol** 1984;40:276–82

Type IV collagen and laminin-related antigens in human serum in alcoholic liver disease. Niemelä O, et al. **Eur J Clin Invest** 1985 Jun;15(3):132–7

Significance of circulating C1q-binding activity in chronic liver disease: a study of 133 cases. Bigi G, et al. **Ric Clin Lab** 1984 Oct–Dec;14(4):629–33

[Prevalence of HLA-A and -B antigens, anti-HBc and -HBs antibodies in alcoholic hepatopathies] Doffoël M, et al. **Ann Med Interne (Paris)** 1985;136(3):225–8 (Eng. Abstr.) **(Fre)**

[Changes in circulating lymphocyte subsets in alcoholic hepatopathies. Respective role of alcohol, hepatocellular insufficiency and malnutrition] Couzigou P, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):915–9 (Eng. Abstr.) **(Fre)**

[Phenotype study of blood T lymphocytes in alcoholic hepatopathies] Pelletier G, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):911–4 (Eng. Abstr.) **(Fre)**

[Immunoglobulin A deposits in the dermal vessels in alcoholic hepatopathies (letter)] Godard W, et al. **Presse Med** 1984 Dec 22;13(46):2815 **(Fre)**

[Incidence of delta antigen in various HBsAG-positive patients with liver diseases] Ternák G, et al. **Orv Hetil** 1985 May 5;126(18):1075–7 (Eng. Abstr.) **(Hun)**

[Antibodies to ethanol-altered hepatocytes in alcoholic liver disease] Tsuchimoto K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3041 **(Jpn)**

METABOLISM

Serum gamma-glutamyl transpeptidase and chronic alcoholism. Influence of alcohol ingestion and liver disease. Moussavian SN, et al. **Dig Dis Sci** 1985 Mar;30(3):211–4

Oxygen supply to the liver in patients with alcoholic liver disease assessed by organ-reflectance spectrophotometry. Hayashi N, et al. **Gastroenterology** 1985 Apr;88(4):881–6

Effect of chronic ethanol administration on enzyme and lipid properties of liver plasma membranes in long and short sleep mice. Zysset T, et al. **Hepatology** 1985 Jul–Aug; 5(4):531–7

Hepatic triacylglycerol synthesizing activity during progression of alcoholic liver injury in the baboon. Savolainen MJ, et al. **J Lipid Res** 1984 Aug;25(8):813–20

Differing abnormalities in estrogen and androgen and insulin metabolism in idiopathic hemochromatosis versus alcoholic liver disease. Stremmel W, et al. **Semin Liver Dis** 1985 Feb; 5(1):84–93

[Insulin, peptide C and glucide tolerance in chronic alcoholic hepatopathies] Nardoni A, et al. **Minerva Med** 1984 Sep 8;75(34):1933–8 (Eng. Abstr.) **(Ita)**

[Alcoholic liver disease] Hirayama C. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):751–4 **(Jpn)**

OCCURRENCE

[Epidemiology of alcoholism in the province of La Coruña. Its importance in hepatic diseases] Vázquez Iglesias JL, et al. **Rev Esp Enferm Apar Dig** 1984 Oct;66(4):281–7 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Effects of sake and bourbon on liver histopathology and function in rats. Kitadai M, et al. **Acta Med Okayama** 1984 Dec;38(6):493–9

Hepatic hemodynamics in alcoholic liver injuries assessed by reflectance spectrophotometry. Hayashi N, et al. **Alcohol** 1985 May–Jun;2(3):453–6

Comparison of ballooned hepatocytes in alcoholic and non-alcoholic liver injury in rats. Matsuda Y, et al.

Alcohol 1985 Mar-Apr;2(2):303-8

Analysis and subcellular localization of lipid in alcoholic liver disease. Peters TJ, et al. **Alcohol** 1985 May-Jun;2(3):447-51

Alcohol-induced liver disease. Frank D, et al. **Alcoholism (NY)** 1985 Jan-Feb;9(1):66-82 (191 ref.)

Histochemical characteristics of fat-storing cells in alcoholic liver disease: a study by the gold chloride method using needle biopsy specimens of the liver. Tozuka S, et al. **Am J Clin Pathol** 1985 Jan;83(1):47-52

Quantitative morphology of mitochondria in hepatocellular carcinoma and chronic liver disease. Wu PC, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):914-6

Changes in germinal tissue and Leydig cells correlated with ethanol consumption in males with and without liver disease. Karhunen PJ, et al. **Arch Toxicol [Suppl]** 1984; 7:155-8

Centrilobular liver necrosis induced by hypoxia in chronic ethanol-fed rats. French SW, et al. **Hepatology** 1984 Sep-Oct;4(5):912-7

Severe and progressive steatosis and focal necrosis in rat liver induced by continuous intragastric infusion of ethanol and low fat diet. Tsukamoto H, et al. **Hepatology** 1985 Mar-Apr;5(2):224-32

Alcoholic hyalin-containing hepatocytes--a characteristic morphologic appearance. Uchida T, et al. **Liver** 1984 Aug; 4(4):233-43

[Effect of alcohol on the development of biochemical and morphologic findings of liver damage in the rabbit] Boroń P, et al. **Dtsch Z Verdau Stoffwechselkr** 1985;45(1):7-19 (Eng. Abstr.) **(Ger)**

[Changes in serum gamma-GTP activities after abstinence in alcoholic liver diseases with special reference to liver histology] Takahashi T, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Dec;19(4):289-301 (Eng. Abstr.) **(Jpn)**

[Quantitative informational estimation of the degree of liver damage on a model of chronic alcoholic intoxication] Shchegolev AI, et al. **Arkh Anat Gistol Embriol** 1985 Apr; 88(4):80-2 (Eng. Abstr.) **(Rus)**

[Features of liver lesions in experimental alcoholism in young animals] Sidorov PI, et al. **Zh Nevropatol Psikhiatr** 1985; 85(2):255-8 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Alcoholic liver disease in the elderly: presentation and outcome. Woodhouse KW, et al. **Age Ageing** 1985 Mar; 14(2):113-8

[Myocardial function in patients with chronic alcoholic liver disease: echocardiographic findings] Giuntoli F, et al. **G Clin Med** 1985 Mar-Apr;66(3-4):89-98 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Alcohol-related problems in middle-aged men with elevated serum gamma-glutamyltransferase: a preventive medical investigation. Trell E, et al. **J Stud Alcohol** 1984 Jul; 45(4):302-9

RADIONUCLIDE IMAGING

Mechanism for the abnormal liver scan in acute alcoholic liver injury. Hoefs JC, et al. **Am J Gastroenterol** 1984 Dec; 79(12):950-8

The diagnosis of alcoholic liver disease [letter] Cox PH. **Br J Radiol** 1984 Oct;57(682):938

THERAPY

Past experience of advice and treatment for drinking problems of patients with alcoholic liver disease. Saunders JB, et al. **Br J Addict** 1985 Mar;80(1):51-6

Haemodialysis in 'hepatorenal syndrome': report on two cases. Keller F, et al. **Gut** 1985 Feb;26(2):208-11

LIVER DISEASES, PARASITIC

BLOOD

Prealbumin, prekallikrein and prothrombin in hepatosplenic schistosomiasis: increased turnover of the clotting proteins? Manoukian N, et al. **Rev Inst Med Trop Sao Paulo** 1984 Sep-Oct;26(5):237-40

Radioimmunoassay of serum conjugated cholic acid in hepatic murine schistosomiasis. Bolarin DM. **Trans R Soc Trop Med Hyg** 1984;78(6):755-7

COMPLICATIONS

Liver carcinoma and liver fluke infection. Kim YI. **Arzneimittelforsch** 1984;34(9B):1121-6

Opisthorchiasis and its associated diseases. Juttijudata P, et al. **J Med Assoc Thai** 1985 Apr;68(4):222-7 (62 ref.)

Retroperitoneal fibrosis associated with schistosoma japonicum infestation--an immunologically mediated disease? Pun KK, et al. **Trop Geogr Med** 1984 Sep; 36(3):281-3

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case no. 4 - 1984. Major pulmonary arterial hypertension in a 40 year-old woman] Vedel J, et al. **Ann Med Interne (Paris)** 1984;135(6):473-81 **(Fre)**

DIAGNOSIS

'Schistomosiasis'. Warren KS. **Hepatology** 1984 Sep-Oct; 4(5):979

Hepatosplenic schistosomiasis mansoni: ultrasound manifestations. Cerri GG, et al. **Radiology** 1984 Dec; 153(3):777-80

[Importance of echography in diagnosing liver neoplasms and parasitoses] Ruaiekh A, et al. **Vutr Boles** 1985; 24(2):9-12 (35 ref.) **(Bul)**

[Pseudometastatic image in the ultrasonic and x-ray computed tomographic examination of the liver in larva migrans syndrome (letter)] Barrier J, et al. **Presse Med** 1985 Apr 13;14(15):847 **(Fre)**

DRUG THERAPY

Therapy of fluke infections in the past. A review. Rim HJ. **Arzneimittelforsch** 1984;34(9B):1127-9

Pharmacological manipulation of the chronic granulomatous reactions in the livers of mice infected with schistosomiasis. Rainsford KD. **Int J Tissue React** 1985;7(1):35-9

Caerulomycin, an antifungal antibiotic with marked in vitro and in vivo activity against Entamoeba histolytica. Chatterjee DK, et al. **Z Parasitenkd** 1984;70(5):569-73

[Praziquantel and other current preparations and chemotherapy methods in human trematodiases of the liver (opisthorchiasis and clonorchiasis) (a review of the literature)] Bronshtein AM. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):51-6 (82 ref.) **(Rus)**

ENZYMOLOGY

Serum glutamyl transferase and other liver function tests in Opisthorchis viverrini infection. Pongpaew P, et al. **Trop Med Parasitol** 1985 Mar;36(1):32-4

ETIOLOGY

The kinetics of hepatosplenic schistosomiasis. Warren KS. **Semin Liver Dis** 1984 Nov;4(4):293-300 (53 ref.)

METABOLISM

Extracellular matrix in hepatic granulomas of mice infected with Schistosoma mansoni. Qualitative and quantitative analysis. Nishimura M, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):813-8

MICROBIOLOGY

Opisthorchiatic solitary intrahepatic cyst. Juttijudata P, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):49-51

PARASITOLOGY

Comparative study of Schistosoma mansoni isolated from patients with hepatosplenic and intestinal clinical forms of schistosomiasis. de Lima e Costa MF, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):918-23

Pathology of the migration phase of Taenia hydatigena (Pallas, 1766) larvae. Blažek K, et al. **Folia Parasitol (Praha)** 1985;32(2):127-37

PATHOLOGY

Establishment of a continuous cell line from fibrotic schistosomal granulomas in mice livers. Borojevic R, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):382-90

Hepatic involvement in tropical pulmonary eosinophilia. Jain AP, et al. **J Assoc Physicians India** 1984 May;32(5):420-1

[Liver ascariasis] Kukharuk FE, et al. **Klin Khir** 1984 Sep; (9):65 **(Rus)**

[Phospholipase activity, lipid peroxides and antioxidants of the bile in parasitic liver diseases] Orlov MD, et al. **Lab Delo** 1985;(1):18-20 (Eng. Abstr.) **(Rus)**

[Schistosoma mansoni. Correlation between parasite burden and endoscopic and histopathological humoral changes] Pérez Ramos E, et al. **Rev Cubana Med Trop** 1984 Jan-Apr; 36(1):63-71 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Fibroblast stimulating activity of extracts of hepatic granulomata of Schistosoma mansoni-infected rodents with marked or slight hepatic fibrosis. Cheever AW, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):319-21

RADIOGRAPHY

CT of hepatic schistosomiasis mansoni. Fataar S, et al. **AJR** 1985 Jul;145(1):63-6

[Acute course of schistosomiasis with pulmonary and hepatogenic localization] Lundershausen R, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):394-6 (Eng. Abstr.) **(Ger)**

SURGERY

[Surgical treatment of hepatosplenic bilharziosis in the Ivory Coast. Apropos of 34 cases] Cornet L, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb;20(1):13-6 (Eng. Abstr.) **(Fre)**

[Liver resection in benign, malignant and parasitic liver diseases. Indication and risk] Bähr R. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1730-5 (28 ref.) **(Ger)**

[Liver tumors and parasites] Bähr R. **Langenbecks Arch Chir** 1984;364:137-41 (Eng. Abstr.) **(Ger)**

VETERINARY

Sebekiosis in captive alligator hatchlings. Boyce W, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1419-20

Characterization of sterols of three digenetic trematodes of buffalo. Siddiqui J, et al. **Mol Biochem Parasitol** 1985 May; 15(2):143-8

Pathological studies on white spots of the liver in fattening pigs. Nakagawa M, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):138-49

White spots of the liver in pigs experimentally infected with Ascaris suum. Yoshihara S, et al. **Natl Inst Anim Health Q (Tokyo)** 1983 Winter;23(4):127-37

Parasitic liver damage in lambs with particular reference to the migrating larvae of Ascaris suum. Brown D, et al. **Vet Rec** 1984 Sep 22;115(12):300-3

Taenia hydatigena: a cause of persistent liver condemnations in lambs. Trees AJ, et al. **Vet Rec** 1985 May 11; 116(19):512-6

LIVER EXTRACTS

PHARMACODYNAMICS

Inhibition of viral interferon induction in mammalian cell cultures by azo dyes and derivatives activated with rat liver S9 fraction. Hahon N. **Environ Res** 1985 Jun;37(1):228-38

Fibroblast stimulating activity of extracts of hepatic granulomata of Schistosoma mansoni-infected rodents with marked or slight hepatic fibrosis. Cheever AW, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):319-21

LIVER FUNCTION TESTS

Decreased serum selenium in alcoholics as related to liver structure and function. Korpela H, et al. **Am J Clin Nutr** 1985 Jul;42(1):147-51

Acute cholecystitis. Frequency of stones in the common duct and predictive value of liver function tests. Norrby S, et al. **Ann Chir Gynaecol** 1985;74(1):9-12

The relationship between liver function tests and alcohol intake in patients admitted to an alcoholism unit. Evans JR, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):261-7

Reference values for liver function analytes in Zimbabwean males. Marima-Matarira HT. **Cent Afr J Med** 1984 Nov; 30(11):211-4

Reference values of liver function analytes in Zimbabwean women. Marima-Matarira HT. **Cent Afr J Med** 1985 May; 31(5):98-100

Interpreting the profile of liver-function tests in pediatric liver transplants. Simonsen R, et al. **Clin Chem** 1984 Oct; 30(10):1607-10

Effect of subdermal levonorgestrel contraceptive implants, Norplant, on liver functions. Shaaban MM, et al. **Contraception** 1984 Nov;30(5):407-12

Nuclear medicine liver function tests for pregnant women and children. 1. Breath tests with 14C-methacetin and 13C-methacetin. Krumbiegel P, et al. **Eur J Nucl Med** 1985; 10(3-4):129-33

A case report of benign recurrent intrahepatic cholestasis. Lee M, et al. **Gastroenterol Jpn** 1984 Oct;19(5):472-8

Pattern and prognosis of liver function test abnormalities during parenteral nutrition in inflammatory bowel disease. Bengoa JM, et al. **Hepatology** 1985 Jan-Feb;5(1):79-84

Comparison of the phenacetin and aminopyrine breath tests: effect of liver disease, inducers and cobaltous chloride. Schoeller DA, et al. **Hepatology** 1985 Mar-Apr;5(2):276-81

A simple method for routine determination of the metabolic liver capacity: the aminopyrine breath test. Haustein KO, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Apr; 23(4):190-6

Functional and morphometric study of the liver in motor neuron disease. Masui Y, et al. **J Neurol** 1985;232(1):15-9

Changes induced in human liver by long-term anticonvulsant therapy. Functional and ultrastructural data. Jezequel AM, et al. **Liver** 1984 Oct;4(5):307-17

Arthritis, sulindac and Medicare [letter] Viliunas A. **Med J Aust** 1984 Nov 24;141(11):763

Selection and assessment of laboratory tests for the evaluation of liver functional impairment. Belforte G, et al. **Methods Inf Med** 1985 Jan;24(1):39-45

[The kinetics of Ujoviridine as an indicator of the functional capacity of the liver] Saudek F, et al. **Cas Lek Cesk** 1985 Jul 5;124(27):851-5 (Eng. Abstr.) **(Cze)**

[Value and costs of functional hepatic detection tests when serum GGT activity is normal (letter)] Mallet L, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):369 **(Fre)**

[How to evaluate hepatic function: pharmacokinetic approach] Malè PJ. **Rev Med Suisse Romande** 1985 Apr; 105(4):313-6 **(Fre)**

[Verapamil dosage in hepatitis. Plasma concentrations in hepatitis patients and patients with healthy livers] Gallenkamp H, et al. **Fortschr Med** 1985 Jan 17;103(3):43-6 (Eng. Abstr.) **(Ger)**

[Chronic exposure to solvents and liver enzymes. An occupational medicine field study] Triebig G, et al. **Fortschr Med** 1985 Mar 14;103(10):271-4 (Eng. Abstr.) **(Ger)**

[Adaptation of the linear discriminant analysis to medical-diagnostic questions] Gerisch A, et al. **Z Med Lab Diagn** 1985;26(2):108-12 (Eng. Abstr.) **(Ger)**

[Grading of tricuspid regurgitation by pulsed Doppler echocardiography and liver function tests] Mikami T, et al. **J Cardiogr** 1984 Aug;14(2):353-8 (Eng. Abstr.) **(Jpn)**

[On the multivariate analysis of biochemical liver function tests in relation to histopathological diagnosis--with special reference to mass screening of hepatocellular carcinoma] Hirata K, et al. **Rinsho Byori** 1985 Mar;33(3):239-48 **(Jpn)**

[Liver function tests and various biochemical parameters in the blood serum of workers chronically exposed to vinyl chloride] Krajewska B, et al. **Med Pr** 1984;35(5):347-9 (Eng. Abstr.) **(Pol)**

[H.E.L.L.P. syndrome] Trezza JS, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(3-4):44-7 (Eng. Abstr.) **(Spa)**

[Diagnostic value of hepatic function tests in metastatic carcinoma of the liver] Ocaña Andrade E, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):81-5 (Eng. Abstr.) **(Spa)**

METHODS

Metabolism during hepatic transplantation: indicators of allograft function. Fath JJ, et al. **Surgery** 1984 Oct; 96(4):664-74

[Evaluation of hepatic function using the aminopyrine breath test] Ampelas M, et al. **Union Med Can** 1984 Jun; 113(6):517-21 (Eng. Abstr.) **(Fre)**

[Comparative evaluation of the dyes bromsulphthalein and indocyanine green in liver function diagnosis] Andree H, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):931-6 **(Ger)**

[Quantitative methods for the functional activity of the liver] **Z Gastroenterol [Verh]** 1985 Apr;20:127-36 **(Ger)**

[Behavior of conjugated bile acids in chronic liver disease] Sensing H. **Z Gesamte Inn Med** 1984 Dec 1;39(23):582-5 (Eng. Abstr.) **(Ger)**

[Tasks of clinico-chemical and biochemical studies in liver transplantation] Lohse W, et al. **Z Med Lab Diagn** 1985; 26(1):9-14 (Eng. Abstr.) **(Ger)**

[Evaluation of hepatic reserve] Okumura M. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):770-3 **(Jpn)**

[Hepatic function related to the ICG test--evaluation by using principle component analysis and multiple regression analysis] Shirata T, et al. **Rinsho Byori** 1985 Mar; 33(3):330-4 **(Jpn)**

[Analysis of the hepatic reserve by the liver tolerance tests] Takezaki E, et al. **Rinsho Byori** 1984 Jun;32(6):577-83 **(Jpn)**

VETERINARY

Application of indocyanine green clearance test in dairy cows. Sato T. **Nippon Juigaku Zasshi** 1984 Oct;46(5):687-92

LIVER GLYCOGEN

BIOSYNTHESIS

Possible role for carbamyl phosphate in the control of liver glycogen synthesis. Rognstad R. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):229-33

Incorporation of glucose into glycogen in primary cultures of rat hepatocytes. Parniak M, et al. **Can J Biochem Cell Biol** 1985 May;63(5):333-40

The onset of liver glycogen synthesis in fasted-refed rats. Effects of streptozocin diabetes and of peripheral insulin replacement. Van de Werve G, et al. **Diabetes** 1984 Oct; 33(10):944-9

Somatomedin-C stimulates glycogen synthesis in fetal rat hepatocytes. Freemark M, et al. **Endocrinology** 1985 Jun; 116(6):2578-82

Effects of somatostatin, glucagon and insulin on glycogen synthesis in isolated rat hepatocytes. Bone AJ, et al. **Horm Metab Res** 1984 Oct;16(10):513-5

Glycogen synthesis in serum-free cultured hepatocytes in response to insulin and dexamethasone. Lopez MP, et al. **In Vitro** 1984 Dec;20(12):923-31

Short-term insulin infused through the portal vein enhances liver gluconeogenesis and glycogenesis from [3-14C]pyruvate in the starved rat. Soley M, et al. **Int J Biochem** 1985;17(6):689-93

Glucose infused through the portal vein enhances liver gluconeogenesis and glycogenesis from [3-14C]pyruvate in the starved rat. Soley M, et al. **Int J Biochem** 1985; 17(6):685-8

Control of hepatic glucose production during exercise. Winder WW. **Med Sci Sports Exerc** 1985 Feb;17(1):2-5

METABOLISM

Mechanism of training-induced attenuation of postexercise ketosis. Beattie MA, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R780-5

Hepatic handling of pancreatic glucagon and glucose during meals in rats. Langhans W, et al. **Am J Physiol** 1984 Nov; 247(5 Pt 2):R827-32

Short-term and long-term effects of cadmium on glycogen reserves and liver size in rainbow trout (Salmo gairdneri Richardson). Lowe-Jinde L, et al. **Arch Environ Contam Toxicol** 1984 Nov;13(6):755-64

Hormonal regulation of ketogenesis in hepatocytes from fed rats before and after glycogen depletion. Schofield PS, et al. **Biochem Int** 1984 Nov;9(5):611-20

Lysosomal glycogen storage induced by Acarbose, a 1,4-alpha-glucosidase inhibitor. Geddes R, et al. **Biochem J** 1985 Jun 1;228(2):319-24

Difference in glucose sensitivity of liver glycolysis and glycogen synthesis. Relationship between lactate production and fructose 2,6-bisphosphate concentration. Hue L, et al. **Biochem J** 1984 Dec 15;224(3):779-86

The stimulation of glycogenolysis in isolated hepatocytes by opioid peptides. Leach RP, et al. **Biochem J** 1985 Apr 1; 227(1):191-7

Factors affecting the metabolic control of cytosolic and lysosomal glycogen levels in the liver. Geddes R, et al. **Biosci Rep** 1985 Apr;5(4):315-20

Compartmentation of glycogen metabolism in the liver. Ching R, et al. **Carbohydr Res** 1985 Jun 15;139:285-91

Effects of insulin on glycogen metabolism in isolated and perfused catfish liver. Ottolenghi C, et al. **Comp Biochem Physiol [A]** 1985;80(1):135-8

The effect of dexamethasone on plasma glucose and liver glycogen levels in premetamorphic Rana catesbeiana tadpoles and frogs. Woody CJ, et al. **Comp Biochem Physiol [A]** 1985;80(3):359-62

Comparison of glycogen stores in 3- and 7-month-old lean and obese Zucker rats under fed and fasted conditions. Koubi H, et al. **Comp Biochem Physiol [B]** 1985; 81(1):103-10

The role of hepatic glycogen stores in anaerobic metabolism in rats. Katsumata Y, et al. **Comp Biochem Physiol [C]** 1984; 79(1):147-50

Induction of liver glycogenolysis by phenylephrine: comparison between superfusion and perfusion techniques. Leskovac V, et al. **Comp Biochem Physiol [C]** 1985; 80(2):371-4

Effect of E-series prostaglandins on cyclic AMP-dependent and -independent hormone-stimulated glycogenolysis in hepatocytes. Brass EP, et al. **Diabetes** 1985 Mar;34(3):291-4

Banting lecture 1984. From glycogen to ketones--and back. Foster DW. **Diabetes** 1984 Dec;33(12):1188-99 (88 ref.)

Age-related changes in hepatic glycogen metabolism in the genetically diabetic (db/db) mouse. Roesler WJ, et al. **Diabetes** 1985 Apr;34(4):395-402

Difference in the mechanism of action of alpha-adrenergic agonists and vasopressin or angiotensin II in stimulating hepatic glycogenolysis; a role of extracellular calcium concentration. Koide Y, et al. **Endocrinol Jpn** 1985 Feb; 32(1):103-12

The action of anoxia and cyanide on glycogen breakdown in the liver of the gsd/gsd rat. Conaglen JV, et al. **Eur J Biochem** 1984 Dec 3;145(2):323-7

Epinephrine effect on carbohydrate metabolism in isolated and perfused catfish liver. Ottolenghi C, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):219-29

Hepatic glycogen, iron distribution & histopathological alterations in mice exposed to hexachlorocyclohexane. Nigam SK, et al. **Indian J Med Res** 1984 Apr;79:571-9

Study of carbohydrate metabolism in glycogen storing cell lines derived from cultured rat hepatocytes. Denis C, et al. **Int J Biochem** 1985;17(2):247-51

Diurnal variations in the activities of the glycogen metabolizing enzymes in mouse liver. Roesler WJ, et al. **Int J Biochem** 1985;17(1):81-5

Epinephrine is unessential for stimulation of liver glycogenolysis during exercise. Carlson KI, et al. **J Appl Physiol** 1985 Feb;58(2):544-8

Stimulation of glycogenolysis and platelet-activating factor production by heat-aggregated immunoglobulin G in the perfused rat liver. Buxton DB, et al. **J Biol Chem** 1984 Nov 25;259(22):13758-61

Insulin, not glucose, controls hepatocellular glycogen deposition. A re-evaluation of the role of both agents in cultured liver cells. Parkes JL, et al. **J Biol Chem** 1985 Jul 5;260(13):8090-7

Direct observation of glycogenesis and glucagon-stimulated glycogenolysis in the rat liver in vivo by high-field carbon-13 surface coil NMR. Reo NV, et al. **J Biol Chem** 1984 Nov 25;259(22):13664-7

Quantitative estimation of the pathways followed in the conversion to glycogen of glucose administered to the fasted rat. Scofield RF, et al. **J Biol Chem** 1985 Jul 25; 260(15):8777-82

Interactions between insulin and alpha 1-adrenergic agents in the regulation of glycogen metabolism in isolated hepatocytes. Thomas AP, et al. **J Biol Chem** 1985 May 25;260(10):5963-73 (77 ref.)

SERGE, the subcellular site of initial hepatic glycogen deposition in the rat: a radioautographic and cytochemical study. Cardell RR Jr, et al. **J Cell Biol** 1985 Jul;101(1):201-6

Exercise-induced hepatic glucose output is precisely sensitive to the rate of systemic glucose supply. Jenkins AB, et al. **Metabolism** 1985 May;34(5):431-6

Regulation of hepatic glycogen metabolism: effects of diabetes, insulin infusion, and pancreatic islet transplantation. Margolis RN, et al. **Metabolism** 1985 Jan; 34(1):62-8

Indomethacin and salicylate decrease epinephrine-induced glycogenolysis. Miller JD, et al. **Metabolism** 1985 Feb; 34(2):148-53

Effect of pentachlorophenol on hepatic glycogen metabolism in rats. Nishimura H. **Nippon Eiseigaku Zasshi** 1984 Aug; 39(3):662-9

Age-related changes in the adrenergic control of glycogenolysis in rat liver: the significance of changes in receptor density. Bendeck JL, et al. **Pediatr Res** 1985 Aug; 19(8):862-8

Dissociation of epinephrine's hyperglycemic and anorectic effect. Langhans W, et al. **Physiol Behav** 1985 Mar; 34(3):457-63

Time-dependent conversion of alpha 1- to beta-adrenoceptor-mediated glycogenolysis in isolated rat liver cells: role of membrane phospholipase A2. Kunos G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6178-82

Effects of neurotensin on glycogenolysis in isolated rat hepatocytes. Matsumura M, et al. **Tokushima J Exp Med** 1984 Jun;31(1-2):9-12

Regulation of liver glycogenolysis. De Wulf H. **Verh K Acad Geneeskd Belg** 1984;46(3):173-86

[Formation of the glycogen synthase I-glycogen complex] Krivokobyl'skaia IaI, et al. **Biokhimiia** 1984 Nov; 49(11):1819-27 (Eng. Abstr.) **(Rus)**

[Carbohydrates and lipids in the blood serum and liver of rats during recovery from 15-hour hypokinesia] Potapov PP, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct; 18(5):87-8 **(Rus)**

[Glycogen distribution in rat hepatocyte populations after a single exposure to 4-dimethylaminoazobenzine and subsequent injections of phenobarbital] Khodosova IA, et al. **Tsitologiia** 1984 Oct;26(10):1168-73 (Eng. Abstr.) **(Rus)**

[Disruption of the regulation of glycogen phosphorylation by biogenic amines] Rozenfel'd EL, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):102-4 (Eng. Abstr.) **(Rus)**

LIVER MICROSOMES see **MICROSOMES, LIVER**

LIVER MITOCHONDRIA see **MITOCHONDRIA, LIVER**

LIVER NEOPLASMS

Hepatocellular carcinoma. A 5 year institutional experience. Luna G, et al. **Am J Surg** 1985 May;149(5):591-4

Leiomyoblastoma associated with intractable hypercalcemia and elevated 1,25-dihydroxycholecalciferol levels. Treatment by hepatic enzyme induction. Maislos M, et al. **Arch Intern Med** 1985 Mar;145(3):565-7

Hepatocellular carcinoma in an infant presenting with calcified soft tissue mass. Case report and 25-year experience. Fletman D, et al. **Clin Pediatr (Phila)** 1984 Nov; 23(11):643-5

Hepatocellular carcinoma: an overview. Anthony PP. **IARC Sci Publ** 1984;(63):3-58 (69 ref.) **(Eng, Fre)**

Undifferentiated ('embryonal') sarcoma of the liver: ultrastructure of a case presenting as a primary intracardiac tumor. Gallivan MV, et al. **Pediatr Pathol** 1983 Jul-Sep; 1(3):291-300

[The Roentgen features of pulmonary metastases of primary carcinoma of the liver (report of 102 cases)] Sun RR. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):18-20 (Eng. Abstr.) **(Chi)**

[Radiological diagnosis of bone metastasis of hepatoma] Nakata H, et al. **Rinsho Hoshasen** 1984 Aug;29(8):855-8 (Eng. Abstr.) **(Jpn)**

[Hepatic tumors] Simon Beker G. **GEN** 1984 Jan-Jun; 38(1-2):38-43 **(Spa)**

[Hepatic hemangiomas. Current status of the problem] Jiménez Bernado A, et al. **Rev Esp Oncol** 1983;30(2):263-76 (28 ref.) (Eng. Abstr.) **(Spa)**

ANALYSIS

Polyprenol content in primary human liver carcinoma. Eggens I, et al. **Acta Chem Scand [B]** 1985;39(4):326-8

Association between hepatitis B surface antigen and hepatocellular carcinoma [letter] Koçak N, et al. **Am J Dis Child** 1985 Sep;139(9):858

Cellular vitamin A-binding proteins in liver tumors and adjacent tissues. Ikezaki K, et al. **Cancer** 1985 May 15; 55(10):2405-10

Serum alpha-fetoprotein subfractions in patients with primary hepatoma or hepatic metastasis of gastric cancer. Ishiguro T, et al. **Cancer** 1985 Jan 1;55(1):156-9

Fibronectin patterns in hepatocellular carcinoma and its clinical significance. Jagirdar J, et al. **Cancer** 1985 Oct 1; 56(7):1643-8

An analysis of nuclear and chromatin proteins in rat livers exhibiting hyperplastic growth induced by chemical carcinogens. Smith GJ, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):291-9

Detection of messenger RNAs of alpha-fetoprotein and albumin in a human hepatoma cell line by in situ hybridization. Breborowicz J, et al. **Cancer Res** 1985 Apr; 45(4):1730-6

Chromatographic characterisation of neurotensin-like immunoreactivity in plasma and tissue extracts from hepatoma patients. Lee YC, et al. **Clin Chim Acta** 1985 Jun 30;149(1):29-36

Insulin receptors and bioresponses in a human liver cell line (Hep G-2). Podskalny JM, et al. **Eur J Biochem** 1985 Jul 15;150(2):401-7

Isoferritins from tumorous and non-tumorous human liver. Asakawa H, et al. **Gann** 1985 Feb;76(2):95-8

Direct evidence for the expression of integrated hepatitis B virus DNA in human hepatoma tissue. Yaginuma K, et al. **Gann** 1984 Sep;75(9):743-6

Androgen receptors in hepatocellular carcinoma and surrounding parenchyma. Nagasue N, et al. **Gastroenterology** 1985 Sep;89(3):643-7

Hepatocellular carcinoma in Israel: relationship to hepatitis

B virus infection. Yahalom J, et al. **Isr J Med Sci** 1985 Jan;21(1):1-5

Evidence for the presence of fatty acid methyl esters in human hepatoma tissue from a patient with hypercholesterolemia. Yoshida S, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):314-8

Isolation of ferritin from human hepatocellular carcinoma. Whittaker D, et al. **Scand J Haematol** 1984 Nov;33(5):432-9

Tumor/serum ratios of alphafetoprotein and radioimmunolocalization of primary liver cancer. Nakata K, et al. **Tumour Biol** 1984;5(3-4):161-9

[Alpha 1-antitrypsin; new perspectives] Feldmann G. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):667-75 (112 ref.) **(Fre)**

[Serum AFP subfractions in patients with hepatic cancer or germ cell tumor of the gonads] Ishiguro T, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):611-5 (Eng. Abstr.) **(Jpn)**

BLOOD

Fucosylation of serum alpha-fetoprotein in patients with primary hepatocellular carcinoma. Aoyagi Y, et al. **Biochim Biophys Acta** 1985 Aug 23;830(3):217-23

Diagnostic and prognostic value of serum copper and plasma fibrinogen in hepatic carcinoma. Miatto O, et al. **Cancer** 1985 Feb 15;55(4):774-8

Serum amino acid levels in patients with hepatocellular carcinoma. Watanabe A, et al. **Cancer** 1984 Nov 1; 54(9):1875-82

Monitoring of T lymphocytes before and after surgical removal of hepatic tumors. Lee CS, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):177-82

Serum levels of estrogens and testosterone in cirrhotic men with and without hepatocellular carcinoma. Nagasue N, et al. **Gastroenterology** 1985 Mar;88(3):768-72

Hyperasialoglycoproteinemia in patients with chronic liver diseases and/or liver cell carcinoma. Asialoglycoprotein receptor in cirrhosis and liver cell carcinoma. Sawamura T, et al. **Gastroenterology** 1984 Dec;87(6):1217-21

Tumor markers in primary and metastatic liver cancer: possible value in early detection and differentiation. Bhatavdekar JM, et al. **Indian J Cancer** 1984 Jul-Aug; 21(3):95-8

The importance of simple coagulation tests (fibrinogen assays and thrombin coagulase clotting time) in the diagnosis of liver cancer. Pengo V, et al. **J Med** 1984;15(2):149-60

Placental protein 12 (PP12) in primary liver cancer and cirrhosis. Rutanen EM, et al. **Tumour Biol** 1984;5(2):95-102

[Pseudoleukemic hyperleukocytosis disclosing hepatocellular carcinoma (letter)] Sylvain C, et al. **Gastroenterol Clin Biol** 1985 Apr;9(4):368-9 **(Fre)**

[Serum concentrations of tissue polypeptide antigen and alpha 1-fetoprotein in patients with primary liver cancer, liver metastasis and liver cirrhosis] Polterauer P, et al. **Wien Klin Wochenschr** 1985 Apr 26;97(9):417-20 (Eng. Abstr.) **(Ger)**

[Alteration of blood coagulation and fibrinolysis after transcatheter arterial embolization of hepatocellular carcinomas] Suyama Y, et al. **Gan No Rinsho** 1985 May; 31(5):518-21 (Eng. Abstr.) **(Jpn)**

[Plasma PIVKA-II levels in various liver diseases--with special reference to plasma PIVKA-II as a marker of hepatocellular carcinoma] Fujiyama S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan;82(1):135 **(Jpn)**

[A dysfunctional antithrombin III in patient with hepatoma] Matsuo T, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1244-9 (Eng. Abstr.) **(Jpn)**

[Carcino-embryonic antigen and ferritin during the treatment of patients with primary and metastatic cancer of the liver] Roshchin EM, et al. **Vestn Akad Med Nauk SSSR** 1984; (10):78-81 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

The effect of vasopressin and hepatic artery ligation on the blood supply to normal and metastatic liver tissue. Jenkins SA, et al. **Br J Cancer** 1984 Dec;50(6):785-91

Changes in distribution of hepatic blood flow induced by intra-arterial infusion of angiotensin II in human hepatic cancer. Sasaki Y, et al. **Cancer** 1985 Jan 15;55(2):311-6

Microvasculature architecture of small liver metastases in man. A correlation between microfil vascular preparations and histologic sections. Lin G, et al. **Invest Radiol** 1984 Jul-Aug;19(4):296-302

Blood flow of experimental liver metastases in rat as evaluated by the locally injected 133-Xenon washout. Merkel C, et al. **Res Exp Med (Berl)** 1985;185(3):207-15

Macro- and microangiographic picture of two cases of the liver primary carcinoma. Gregorczyk A. **Rontgenblatter** 1984 Sep;37(9):322-4

[Redistribution of hepatic arterial blood flow after arterial infusion of microspheres of degradable starch in patients with hepatic metastases from colorectal carcinoma] Simoni GA, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):755-62 (Eng. Abstr.) **(Ita)**

[Spontaneous reversal of portal blood flow in a case of primary hepatocellular carcinoma] Nishida O, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3028-32 **(Jpn)**

[Observation of both intra- and extra-hepatic vessels by real time two-dimensional Doppler echography--its clinical significance and prosthesis] Sukigara M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1354-9 (Eng. Abstr.) **(Jpn)**

CHEMICALLY INDUCED

Clinical and pathological comparison of young adult women with hepatocellular carcinoma with and without exposure to oral contraceptives. Hromas RA, et al. **Am J Gastroenterol** 1985 Jun;80(6):479-85

Thorotrast-associated liver cancer. Khan AA. **Am J Gastroenterol** 1985 Sep;80(9):699-703

Thorium dioxide-related angiosarcoma of the liver. Pathomorphologic study of 29 autopsy cases. Kojiro M, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):853-7

The role of mechanistic data in dose-response modeling. Starr TB. **Basic Life Sci** 1985;33:101-24

Tuberculous pseudotumour of the liver developing during antituberculous chemotherapy. Forward KR, et al. **Can Med Assoc J** 1985 Jan 1;132(1):45-7

The relationship of colonic carcinogenesis and hepatic vascular tumors induced by subcutaneously injected-1,2-dimethylhydrazine dihydrochloride in specific pathogen free mice. Sato N, et al. **Cancer Lett** 1984 Sep; 24(2):313-20

Di(2-ethylhexyl)phthalate but not phenobarbital promotes N-nitrosodiethylamine-initiated hepatocellular proliferative lesions after short-term exposure in male B6C3F1 mice. Ward JM, et al. **Cancer Lett** 1984 Aug; 24(1):49-55

Cellular biochemistry of the stepwise development of cancer with chemicals: G. H. A. Clowes memorial lecture. Farber E. **Cancer Res** 1984 Dec;44(12 Pt 1):5463-74 (152 ref.)

Organ-specific carcinogenesis in rats by methyl- and ethylazoxyalkanes. Lijinsky W, et al. **Cancer Res** 1985 Jan; 45(1):76-9

Orotic acid, a promoter of liver carcinogenesis induces DNA damage in rat liver. Rao PM, et al. **Carcinogenesis** 1985 May;6(5):765-8

Functional alterations of the endoplasmic reticulum and the detoxification systems during diethyl-nitrosamine carcinogenesis in rat liver. Garcea R, et al. **Cell Biochem Funct** 1984 Jul;2(3):177-81

Hepatic injury due to environmental agents. Guzelian PS. **Clin Lab Med** 1984 Sep;4(3):483-8 (17 ref.)

Transplantable chemically-induced liver tumors in the viviparous fish Poeciliopsis. Schultz ME, et al. **Exp Mol Pathol** 1985 Jun;42(3):320-30

The influence of metabolic liver defects on diethylnitrosamine (NDEA)-carcinogenesis in Gunn rats. Althoff J, et al. **Exp Pathol** 1985;27(3):171-8

Carcinogenic activities of hydroxymethyl derivatives of 4-(dimethylamino)azobenzene in the liver of rats, mice, and hamsters. Mori Y, et al. **Exp Pathol** 1984;26(1):15-9

Histogenesis of cholangiomas and cholangiocarcinomas in thioacetamide fed rats. Praet MM, et al. **Exp Pathol** 1984; 26(1):3-14 (55 ref.)

Aflatoxin exposure and human liver-cancer risk [letter] Appleton BS. **Food Chem Toxicol** 1985 Jan;23(1):129-30

Exploration of the negative correlation between proliferative hepatocellular lesions and lymphoma in rats and mice--establishment and implications. Young SS, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):632-40

Alterations of markers during hepatocarcinogenesis in rats. Lapis K, et al. **IARC Sci Publ** 1984;(56):25-36

Liver cancer and mycotoxins. Linsell A. **IARC Sci Publ** 1984; (63):161-5

Relationship of histochemically detectable altered hepatocyte foci to hepatic tumorigenesis. Peraino C, et al. **IARC Sci Publ** 1984;(56):37-55

Initiation-promotion-initiation. Induction of neoplastic foci within islands of precancerous liver cells in the rat. Scherer E, et al. **IARC Sci Publ** 1984;(56):57-66

Aberrant expression of adaptation to phenobarbital may cause selective growth of foci of altered cells in rat liver. Schulte-Hermann R, et al. **IARC Sci Publ** 1984;(56):67-75

The mechanism of cocarcinogenic action of ethanol in rat liver. Schwarz M, et al. **IARC Sci Publ** 1984;(56):83-90

Liver carcinogenesis in tropical Africa. Uwaifo AO, et al. **IARC Sci Publ** 1984;(63):59-88 (91 ref.)

Ultrastructural changes in liver of mice exposed to hexachlorocyclohexane. Nigam SK, et al. **Indian J Exp Biol** 1984 Apr;22(4):199-204

Effect of 4-dimethylaminoazobenzene on DNA of livers of developing chick embryos. Sarma DK, et al. **Indian J Med Res** 1984 Apr;79:520-2

Primary liver cancer and exposure to solvents. Hernberg S, et al. **Int Arch Occup Environ Health** 1984;54(2):147-53

Liver carcinoma in an athlete taking anabolic steroids [letter] Goldman B. **J Am Osteopath Assoc** 1985 Feb;85(2):56

An apparent danazol-induced primary hepatocellular carcinoma: case report. Buamah PK. **J Surg Oncol** 1985 Feb;28(2):114-6

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution. Kasper ML, et al. **JAMA** 1984 Dec 28;252(24):3407-8

Carcinogenicity of diallylnitrosamine following intragastric administration to Syrian hamsters. Grandjean CJ, et al. **JNCI** 1985 May;74(5):1043-6

Influence of cell proliferation on initiating activity of pure polychlorinated biphenyls and complex mixtures in resistant hepatocyte in vivo assays for carcinogenicity. Hayes MA, et al. **JNCI** 1985 May;74(5):1037-41

Hepatocarcinogenicity of benzo[a]pyrene to rainbow trout by dietary exposure and intraperitoneal injection. Hendricks JD, et al. **JNCI** 1985 Apr;74(4):839-51

Enhancement of hepatocarcinogenesis by sorbitan fatty acid ester, a liver pyruvate kinase activity-reducing substance. Yanagi S, et al. **JNCI** 1985 Aug;75(2):381-4

Intestinal metaplasia as a common option of oval cells in relation to cholangiofibrosis in liver of rats exposed to 2-acetylaminofluorene. Tatematsu M, et al. **Lab Invest** 1985 Apr;52(4):354-62

Some toxicological and hepatocarcinogenic studies using a cytofluorograph and its associated computer facility. Walker KA, et al. **Med Inf (Lond)** 1985 Apr-Jun; 10(2):153-60

The identification of hepatic injury and hepatic angiosarcoma among vinyl chloride workers--the epidemiological approach. Tamburro CH, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:37-48

Cytotoxicity of halogenated alkanes in primary cultures of rat hepatocytes from normal, partial hepatectomized, and preneoplastic/neoplastic liver. Chang LW, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):274-83

Absence of a promoting or sequential syncarcinogenic effect in rat liver by the carcinogenic hypolipidemic drug nafenopin given after N-2-fluorenylacetamide. Numoto S, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):76-85

Is there more than one critical lesion relevant for experimental liver carcinogenesis? Denda A, et al. **Toxicol Pathol** 1984;12(1):79-83

[Hepatoma initiating and promoting effects of gossypol] Ding LA, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):55-6 (Eng. Abstr.) **(Chi)**

[Regenerative nodular hyperplasia, hepatocellular carcinoma and oral contraceptives (letter)] Bretagne JF, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):768-9 **(Fre)**

[Hepatic adenoma and oral contraception: apropos of a hemorrhagic complication] Maurice J, et al. **Rev Med Suisse Romande** 1985 Mar;105(3):211-7 **(Fre)**

[Vinyl chloride induced hepatocellular carcinoma] Dietz A, et al. **Klin Wochenschr** 1985 Apr 1;63(7):325-31 (Eng. Abstr.) **(Ger)**

[Hemangiosarcoma of the liver in workers of the PVC industry and other VC-induced diseases with angiologic-dermatologic, hepatologic, radiologic and neurologic symptoms] Halama J, et al. **Radiologe** 1985 Jan; 25(1):22-9 (Eng. Abstr.) **(Ger)**

[Hepato-biliary complications of estro-progestin therapy] Turco D. **Ann Osp Maria Vittoria Torino** 1983 Jul-Dec; 26(7-12):326-39 (Eng. Abstr.) **(Ita)**

[Hepatoblastoma in an infant after Estroprogestational intake by the mother during pregnancy] Pilotti G, et al. **Pediatr Med Chir** 1984 Mar-Apr;6(2):323-5 (Eng. Abstr.) **(Ita)**

[Establishment of test methods for examining promoters of hepatocarcinogenesis--promoting effects of phenobarbital, butylated hydroxytoluene and barbital] Furukawa F, et al. **Eisei Shikenjo Hokoku** 1984;(102):71-6 (Eng. Abstr.) **(Jpn)**

[Pathogenesis of human cancer development due to environmental factors] Kanisawa M. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1445-56 (Eng. Abstr.) **(Jpn)**

[Evolution of hyperplastic foci in the rat liver induced by diethylnitrosamine] Gel'shtein VI, et al. **Eksp Onkol** 1984; 6(1):17-22 (Eng. Abstr.) **(Rus)**

[Early histochemical markers of hepatocarcinogenesis] Vinarchuk MP, et al. **Eksp Onkol** 1984;6(1):11-6 (55 ref.) (Eng. Abstr.) **(Rus)**

[Biochemical characteristics of major fractions of rat liver cells in dimethylnitrosamine-induced carcinogenesis] Osipova LA, et al. **Vopr Onkol** 1984;30(11):71-6 (Eng. Abstr.) **(Rus)**

[Hepatic tumors and oral contraceptives. ClinicopathologicaL spectrum in 4 patients] Golindano C, et al. **GEN** 1984 Jan-Jun;38(1-2):56-65 (Eng. Abstr.) **(Spa)**

[Hepatic angiosarcoma and cholangiocarcinoma in a patient with thorotrast deposits] Gras Borrell A, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):363-5 (Eng. Abstr.) **(Spa)**

[Paracetamol and liver damage in a new light: are findings of tumors Gn mice and rats relevant for the clinical situation?] Rane A, et al. **Lakartidningen** 1985 Apr 17; 82(16):1497 **(Swe)**

COMPLICATIONS

Cholangiocellular carcinoma associated with multiple liver cysts. Imamura M, et al. **Am J Gastroenterol** 1984 Oct; 79(10):790-5

Clear cell hepatocellular carcinoma: sudden death from severe hypoglycemia. Ross JS, et al. **Am J Gastroenterol** 1985 Mar;80(3):188-94

Mucus-producing tumors with mucinous biliary obstruction causing jaundice: diagnosed and treated endoscopically. Smith E, et al. **Am J Gastroenterol** 1985 Apr;80(4):287-9

Cholangiocellular carcinoma in polycystic kidney and liver disease. Landais P, et al. **Arch Intern Med** 1984 Nov; 144(11):2274-6

Floating tumor debris. A cause of intermittent biliary obstruction. Roslyn JJ, et al. **Arch Surg** 1984 Nov; 119(11):1312-5

Erdheim–Chester disease with bilateral exophthalmus and liver cell adenoma. Palmer FJ, et al. **Australas Radiol** 1984 Nov;28(4):305–10

Paraneoplasic precocious puberty. Report of a new case with hepatoblastoma and review of the literature. Navarro C, et al. **Cancer** 1985 Oct 1;56(7):1725–9

Long-term survival of patients with hepatocellular carcinoma combined with liver cirrhosis. Report of two patients. Tsuzuki T, et al. **Cancer** 1985 Jun 15;55(12):2835–8

Hepatocellular carcinoma presenting as a fever of undetermined origin. Stein CM, et al. **Cent Afr J Med** 1985 Feb;31(2):21–2

Formation of hilar collaterals or cavernous transformation after portal vein obstruction by hepatocellular carcinoma. Observations in ten patients. Ohnishi K, et al. **Gastroenterology** 1984 Nov;87(5):1150–3

Benefit of transcatheter arterial embolization for ruptured hepatocellular carcinoma complicating liver cirrhosis. Sato Y, et al. **Gastroenterology** 1985 Jul;89(1):157–9

Pulmonary hypertension complicating hepatocellular carcinoma. Willett IR, et al. **Gastroenterology** 1984 Nov; 87(5):1180–4

Adrenal rest tumor of the liver causing Cushing's syndrome: treatment with ketoconazole preceding an apparent surgical cure. Contreras P, et al. **J Clin Endocrinol Metab** 1985 Jan; 60(1):21–8

Cholangiocarcinoma in hepatolithiasis. Chen PH, et al. **J Clin Gastroenterol** 1984 Dec;6(6):539–47

The prognostic implication of hypercholesterolemia in infants and children with hepatoblastoma. Muraji T, et al. **J Pediatr Surg** 1985 Jun;20(3):228–30

Obstructive jaundice caused by hepatocellular carcinoma. Joehl RJ, et al. **J Surg Oncol** 1984 Oct;27(2):80–4

Primary hepatocellular carcinoma associated with Wilson's disease in a young woman. Guan R, et al. **Postgrad Med J** 1985 Apr;61(714):357–9

Hepatoma, arterioportal shunting, and hyperkinetic portal hypertension: therapeutic embolization. Morse SS, et al. **Radiology** 1985 Apr;155(1):77–82

Bile obstruction in hepatocellular carcinoma—visualization by endoscopic retrograde cholangiography. A case report. Moosa MR, et al. **S Afr Med J** 1984 Dec 22–29;66(25):962–4

Unusual clinical presentations of hepatocellular carcinoma. Kew MC, et al. **Trop Gastroenterol** 1985 Jan–Mar; 6(1):10–22

[Cathepsin B-like and possibilities of its use in the diagnosis of ascites of neoplastic origin] Dufek V, et al. **Cas Lek Cesk** 1985 Jan 11;124(2):46–9 (Eng. Abstr.) **(Cze)**

[Malignant hemangioendothelioma with massive intraperitoneal hemorrhage] Iversen E, et al. **Ugeskr Laeger** 1985 May 20;147(21):1699–700 (Eng. Abstr.) **(Dan)**

[Spontaneous rupture of the liver caused by hepatoma] Kaasinen E, et al. **Duodecim** 1985;101(4):411–4 **(Fin)**

[Hepatoma manifesting monoclonal gammapathy and hypercalcemia] Gentric A, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul–Sep;20(4):211–2 (Eng. Abstr.) **(Fre)**

[Hepatocellular carcinoma with cirrhosis: treatment with doxorubicin. Phase II evaluation] Barbare JC, et al. **Bull Cancer (Paris)** 1984;71(5):442–5 (Eng. Abstr.) **(Fre)**

[Non bacterial thrombotic endocarditis associated with a latent primary hepatoma (letter)] Hugon J, et al. **Presse Med** 1985 Jan 12;14(1):44–5 **(Fre)**

[Hemoperitoneum caused by spontaneous rupture of a hepatoblastoma in an adult, with arrest of the hemorrhage by peroperative cryoapplication] Baroni C, et al. **Minerva Chir** 1984 Jul 15–31;39(13–14):1015–8 (Eng. Abstr.) **(Ita)**

[Obstructive icterus caused by a biliary thrombus due to hemobilia caused by a hepatocarcinoma. Case observation] Casagrande A, et al. **Minerva Chir** 1985 Apr 30;40(8):571–6 (Eng. Abstr.) **(Ita)**

[Hepatic hemangiomatosis with congestive cardiac failure and development into a cholostatic hepatopathy] Zavota L, et al. **Pediatr Med Chir** 1984 Sep–Oct;6(5):621–4 (Eng. Abstr.) **(Ita)**

[A case of pulmonary hypertension associated with liver cirrhosis and hepatoma] Miyamori R, et al. **Kokyu To Junkan** 1985 Jan;33(1):93–9 (Eng. Abstr.) **(Jpn)**

[A case of membranous obstruction of inferior vena cava at the hepatic associated with hepatocellular carcinoma and liver cirrhosis] Hayakawa N, et al. **Nippon Geka Gakkai Zasshi** 1985 Mar;86(3):350–6 (Eng. Abstr.) **(Jpn)**

[A case of liver fibrosarcoma associated with hypoglycemia] Kameya S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):513–7 **(Jpn)**

[Study of 45 patients with hepatocellular carcinoma complicating occlusion of the main portal vein] Kanno T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May; 82(5):1360–8 (Eng. Abstr.) **(Jpn)**

[Eosinophilia and hepatocellular carcinoma associated with von Recklinghausen's disease] Komai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3019–22 **(Jpn)**

[Liver tumors associated with hereditary metabolic diseases] Kurosaki A, et al. **Rinsho Hoshasen** 1984 May;29(5):547–54 (Eng. Abstr.) **(Jpn)**

[Arteriovenous shunt with congestive heart failure in primary hepatocellular carcinoma: case report] Waki M, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1513–5 (Eng. Abstr.) **(Jpn)**

[Microangiopathic hemolytic anemia in metastatic adenocarcinoma of the liver associated with cholelithiasis] Szela S, et al. **Wiad Lek** 1984 Oct 1;37(19):1553–6 (Eng. Abstr.) **(Pol)**

[Report of a patient with liver angioma, tubular adenoma and a kidney cyst] Buljevac M, et al. **Vojnosanit Pregl** 1985 May–Jun;42(3):223–5 **(Scr)**

[Paraneoplastic syndromes in patients with primary malignant tumors of the liver] Garassini MA. **GEN** 1984 Jan–Jun; 38(1–2):44–55 **(Spa)**

[Hypercholesterolemia and hepatocarcinoma (letter)] Marcos Sánchez F, et al. **Rev Clin Esp** 1985 Apr;176(6):321–2 **(Spa)**

[Embolization of the biliary tract caused by necrotic hepatocarcinoma, an unusual cause of obstructive jaundice (aprópos of 2 cases)] Badia de Yébenes A, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):545–50 (Eng. Abstr.) **(Spa)**

[Budd–Chiari syndrome caused by hepatocarcinoma] Barajas Martínez JM, et al. **Rev Esp Enferm Apar Dig** 1984 Aug; 66(2):151–6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Isolation, characterization and clinical evaluation of the gamma–glutamyltransferase associated with hepatocellular carcinoma. Izumi M. **Acta Med Okayama** 1985 Feb; 39(1):19–33

Primary liver tumor in a young man: a brief review of diagnostic strategies and treatment options. Rao A, et al. **AJR** 1985 Aug;145(2):234–6

Magnetic resonance imaging of cavernous hemangioma of the liver: tissue-specific characterization. Stark DD, et al. **AJR** 1985 Aug;145(2):213–22

Magnetic resonance imaging of hepatic lymphoma. Weinreb JC, et al. **AJR** 1984 Dec;143(6):1211–4

Hepatocellular carcinoma simulating amebic liver abscess: report of a case and analysis of current diagnostic methods. LeBolt SA, et al. **Am J Gastroenterol** 1985 Aug; 80(8):639–42

Hepatitis B surface antigen and alpha–foetoprotein in paediatric hepatocellular carcinoma and hepatoblastoma in Thailand. Pongpipat D, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):104–6

The value of ultrasound in the diagnosis and treatment of small hepatocellular carcinoma. Kanematsu T, et al. **Br J Surg** 1985 Jan;72(1):23–5

Focal liver lesions: a plan for management. Thompson JN, et al. **Br Med J [Clin Res]** 1985 Jun 1;290(6482):1643–5

Extrahepatic tuberculous pseudotumour [letter] Korula J. **Can Med Assoc J** 1985 Aug 15;133(4):266, 268

Hepatic tumors in Saudi Arabia. A practical approach to diagnosis. Kingston M, et al. **Cancer** 1985 Apr 1; 55(7):1579–85

Image enhancement in computerized tomography for sensitive diagnosis of liver cancer and semiquantitation of tumor selective drug targeting with oily contrast medium. Maki S, et al. **Cancer** 1985 Aug 15;56(4):751–7

Ultrasonographic and radionuclide detection of hepatocellular carcinoma in cirrhotics with low alpha–fetoprotein levels. Maringhini A, et al. **Cancer** 1984 Dec 15;54(12):2924–6

Hepatocellular pseudotumor in the cirrhotic liver. Report of three cases. Nagasue N, et al. **Cancer** 1984 Dec 1; 54(11):2487–94

A case of spontaneous regression of hepatocellular carcinoma with bone metastasis. Sato Y, et al. **Cancer** 1985 Aug 1; 56(3):667–71

Early detection of hepatocellular carcinoma by real–time ultrasonography. A prospective study. Sheu JC, et al. **Cancer** 1985 Aug 1;56(3):660–6

Cytohistologic diagnosis of neoplasms of the liver by ultrasonically guided fine–needle aspiration biopsy. Tatsuta M, et al. **Cancer** 1984 Oct 15;54(8):1682–6

Alpha–fetoprotein variants and their clinical significance. Xu KL, et al. **Chin Med J [Engl]** 1984 Jul;97(7):538–41

Diagnostic value of erythrocyte–free polyamines and histaminemia in malignant hepatic tumors and in liver cirrhosis. Moulinoux JP, et al. **Clin Chim Acta** 1985 Jan 15;145(1):77–87

Screening of patients with chronic liver disease for hepatocellular carcinoma by ultrasonography. Okazaki N, et al. **Clin Oncol** 1984 Sep;10(3):241–6

Diagnostic value of serum ferritin in primary hepatocellular carcinoma. Giannoulis E, et al. **Digestion** 1984;30(4):236–41

Differential reactivity of alpha–fetoprotein with lectins and evaluation of its usefulness in the diagnosis of hepatocellular carcinoma. Aoyagi Y, et al. **Gann** 1984 Sep;75(9):809–15

Leucocyte adherence inhibition assay for immunodiagnosis of hepatocellular carcinoma. Onji M. **Gastroenterol Jpn** 1984 Aug;19(4):336–43

Malignant fibrous histiocytoma of the liver. Alberti–Flor JJ, et al. **Gastroenterology** 1985 Oct;89(4):890–3

Hepatocellular carcinoma presenting as biliary colic and unilateral bile duct obstruction: demonstration by ERC. Harary AM, et al. **Gastrointest Endosc** 1984 Dec; 30(6):350–2

Diagnostic approach to hepatic hemangiomas detected by ultrasound. Ricci OE, et al. **Hepatogastroenterology** 1985 Apr;32(2):53–6

Serum alpha–L–fucosidase: a new marker for the diagnosis of primary hepatic carcinoma? Deugnier Y, et al. **Hepatology** 1984 Sep–Oct;4(5):889–92

Utility of porphyrins and light in the diagnosis and treatment of malignancy [editorial] Pimstone NR. **Hepatology** 1985 Mar–Apr;5(2):338–40

Hepatitis B virus serological markers in Africans with liver cirrhosis and hepatocellular carcinoma. Coursaget P, et al. **IARC Sci Publ** 1984;(63):181–98

Foetal hepatoblastoma—a case report. Contractor QQ, et al. **Indian J Gastroenterol** 1984 Oct;3(4):239–40

Liver cell adenoma presenting as acute abdomen. Boulafendis D, et al. **Int Surg** 1985 Jan–Mar;70(1):41–3

Benign non–cystic tumors of the liver. Peetrons P, et al. **J Belge Radiol** 1984;67(5):285–9

Curious manifestations in cavernous hemangioma of the liver. Ando K, et al. **J Clin Gastroenterol** 1984 Aug;6(4):365–8

Liver aspiration in the diagnosis of hepatocellular carcinoma in the Gambia. Ajdukiewicz A, et al. **J Clin Pathol** 1985 Feb;38(2):185–92

MR imaging of portal vein thrombus in hepatocellular carcinoma. Ohtomo K, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):328–9

MR imaging of the liver in primary hepatocellular carcinoma. Vermess M, et al. **J Comput Assist Tomogr** 1985 Jul–Aug; 9(4):749–54

Intraperitoneal hepatocellular carcinomatosis. Mitchell DG, et al. **J Comput Tomogr** 1985 Jul;9(3):261–3

Diagnostic accuracy of computerized B–scan texture analysis and conventional ultrasonography in diffuse parenchymal and malignant liver disease. Raeth U, et al. **JCU** 1985 Feb; 13(2):87–99

Real–time ultrasonography in detection of primary liver cancer in intertropical Africa [letter] Tortey E, et al. **Lancet** 1985 Mar 2;1(8427):514–5

Ultrasound determination of liver size and assessment of patients with malignant liver disease. Raeth U, et al. **Liver** 1984 Oct;4(5):287–93

Laparoscopic contribution to liver tumour diagnosis. Banciu T, et al. **Med Interne** 1984 Jul–Sep;22(3):217–9

Primary liver cell carcinoma. Clinical features. Jakobovits AW, et al. **Med J Aust** 1985 Jan 21;142(2):90–3

Diagnostic approach to metastatic disease to the liver. Ashraf A, et al. **Mo Med** 1985 Mar;82(3):137–9

31P nuclear magnetic resonance spectroscopic investigation of human neuroblastoma in situ. Maris JM, et al. **N Engl J Med** 1985 Jun 6;312(23):1500–5

Maternal liver hemangioma in pregnancy as an incidental finding. Creasy GW, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):10S–13S

Renal and hepatic angiomyolipoma. Kreel L. **Postgrad Med J** 1985 Apr;61(714):325–7

Magnetic resonance of liver tumors: a preliminary report. Itai Y, et al. **Radiat Med** 1984 Apr–Jun;2(2):131–5

Single photon emission computed tomography (SPECT), planar scintigraphy, and transmission computed tomography: a comparison of accuracy in diagnosing focal hepatic disease. Brendel AJ, et al. **Radiology** 1984 Nov; 153(2):527–32

Hepatic cavernous hemangioma: magnetic resonance imaging. Work in progress. Glazer GM, et al. **Radiology** 1985 May;155(2):417–20

Focal and diffuse liver disease studied by quantitative microstructural sonography. King DL, et al. **Radiology** 1985 May;155(2):457–62

Integrated imaging of hepatic tumors in childhood. Part I: Malignant lesions (primary and metastatic). Miller JH, et al. **Radiology** 1985 Jan;154(1):83–90

Hepatic tumors: differentiation by transverse relaxation time (T2) of magnetic resonance imaging. Ohtomo K, et al. **Radiology** 1985 May;155(2):421–3

Hepatocellular carcinoma: US evolution in the early stage. Sheu JC, et al. **Radiology** 1985 May;155(2):463–7

Focal nodular hyperplasia and hepatic adenoma: comparison of angiography, CT, US, and scintigraphy. Welch TJ, et al. **Radiology** 1985 Sep;156(3):593–5

Diagnosis and management of cavernous hemangioma of the liver. Takagi H. **Semin Surg Oncol** 1985;1(1):12–22

Parasellar metastases: four autopsied cases. Bitoh S, et al. **Surg Neurol** 1985 Jan;23(1):41–8

Clinical significance of serum alpha–fetoprotein in patients with liver cirrhosis. Furukawa R, et al. **Tumour Biol** 1984; 5(6):327–38

[Importance of echography in diagnosing liver neoplasms and parasitoses] Ruaĭekh A, et al. **Vutr Boles** 1985; 24(2):9–12 (35 ref.) **(Bul)**

[Ultrasonically guided percutaneous fine needle biopsy in the diagnosis of tumors of the liver, pancreas and biliary system] Dong BW. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):348–50 (Eng. Abstr.) **(Chi)**

[Alpha–fetoprotein variants and their significance in the differential diagnosis of primary liver cancer] Lu LN. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):681–3 (Eng. Abstr.) **(Chi)**

[Ultrasonographic pictures of primary and metastatic carcinoma of the liver] Wang KC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):658–67 (Eng. Abstr.) **(Chi)**

[Laparoscopic diagnosis of primary carcinoma of the liver] Krtek V, et al. **Cas Lek Cesk** 1984 Dec 21;123(51):1556–60 (Eng. Abstr.) **(Cze)**

[The diagnostic accuracy of ultrasonic scanning of solid liver processes] Jacobsen B, et al. **Ugeskr Laeger** 1984 Aug 13; 146(33):2477-80 (Eng. Abstr.) **(Dan)**

[New methods, new diseases; benign liver tumors] van der Heyde MN, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15; 129(24):1121-3 **(Dut)**

[Cavernous hemangioma of the liver--diagnostic difficulties] Päivänsalo M, et al. **Duodecim** 1984;100(23-24):1627-31 **(Fin)**

[Tumor of the right atrium revealing a hepatocellular carcinoma] Mineur P, et al. **Acta Clin Belg** 1985;40(1):4-11 (Eng. Abstr.) **(Fre)**

[Pseudotumoral form of hepatic tuberculosis. Review of the recent literature. Apropos of a case] Ceccanti JP, et al. **Ann Chir** 1985 Jun;39(5):326-9 (Eng. Abstr.) **(Fre)**

[Peroperative echography of the liver, bile ducts and pancreas] Menu Y, et al. **Ann Radiol (Paris)** 1984 Nov; 27(7):559-61 (Eng. Abstr.) **(Fre)**

[Diagnostic strategy in tumors of the liver] Ballet F, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):39-41 **(Fre)**

[Angiomyolipoma of the liver. A fortuitous echographic detection (letter)] Grippon P, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):88-9 **(Fre)**

[Myelolipoma of the liver (letter)] Le Néel JC, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):682-3 **(Fre)**

[Magnetic resonance imaging in the exploration of hepatic masses] Grenier P, et al. **J Radiol** 1984 Dec;65(12):819-27 (Eng. Abstr.) **(Fre)**

[Cholangio-hamartoma of the liver (a new case)] Maaouni AB, et al. **Maroc Med** 1984 Dec;6(4):345-51 (Eng. Abstr.) **(Fre)**

[Extensive liver cancer of undetermined origin. Diagnostic procedure] Ballet F, et al. **Presse Med** 1985 Jun 22; 14(25):1379-82 (Eng. Abstr.) **(Fre)**

[Malignant histiocytosis with predominantly hepatic manifestations (apropos of a case)] Meknini B, et al. **Tunis Med** 1984 Nov;62(7):519-22 (Eng. Abstr.) **(Fre)**

[Initial experiences with MR in liver tumors] Uhlenbrock D, et al. **ROFO** 1985 Aug;143(2):200-7 (Eng. Abstr.) **(Ger)**

[Hemangiopericytoma of the liver] Roesler A, et al. **Rontgenblatter** 1985 Feb;38(2):58-9 (Eng. Abstr.) **(Ger)**

[Sonography of malignant hemangioendothelioma of the liver] Schmidt H, et al. **Ultraschall Med** 1985 Jun;6(3):160-3 (Eng. Abstr.) **(Ger)**

[Focal nodular liver hyperplasia in a male child following Clostilbegyt therapy] Mórocz I, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):224-9 (Eng. Abstr.) **(Hun)**

[Giant gastric leiomyosarcoma simulating a large hepatic tumor. Differential diagnosis with endoscopy] Picardi N, et al. **Ann Ital Chir** 1984;56(6):553-62 (Eng. Abstr.) **(Ita)**

[Detection and follow-up of the high risk group for hepatocellular carcinoma] Araki E. **Gan No Rinsho** 1984 Sep;30(11):1373-8 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of CA 19-9, TPA, IAP and 5'-NPD-V as tumor markers of hepatocellular, bile duct and pancreas carcinoma] Takahashi H, et al. **Gan No Rinsho** 1985 May; 31(6 Suppl):623-30 (Eng. Abstr.) **(Jpn)**

[Clinicopathological studies of ultrasonography in space occupying lesions of the liver] Esaki M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2012-24 (Eng. Abstr.) **(Jpn)**

[Values of fine-needle aspiration biopsy of the liver under ultrasonic guidance in combination with cytology and histology in diagnosis of hepatic neoplasms] Kasugai H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2025-32 (Eng. Abstr.) **(Jpn)**

[A case of primary leiomyosarcoma of the liver] Kunieda M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug; 81(8):1858-62 **(Jpn)**

[Ultrasonic evaluation of small hepatocellular carcinoma: on the diagnostic problems and the limits of detectability] Kurioka N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):247-54 (Eng. Abstr.) **(Jpn)**

[Cytology of liver cancer by amino acid naphthylamidase staining] Toyohara T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2532-7 (Eng. Abstr.) **(Jpn)**

[Detection of hepatic tumor by means of single photon emission computed tomography, gray scale ultrasonography, and X-ray computed tomography] Yumoto Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul;81(7):1582-91 (Eng. Abstr.) **(Jpn)**

[Diagnostic accuracy of CT, US and angiography in histologically verified hepatocellular carcinoma. Report on 125 foci in 84 cases] Goto H, et al. **Rinsho Hoshasen** 1985 Feb;30(2):257-62 (Eng. Abstr.) **(Jpn)**

[Ultrasonic diagnosis of liver diseases] Hisa N. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1203-22 **(Jpn)**

[A case of biliary cystadenoma] Honda M, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1017-20 (Eng. Abstr.) **(Jpn)**

[The diagnostic abilities of ultrasonography, computed tomography and angiography in the detection of intrahepatic metastases of hepatoma] Sako M, et al. **Rinsho Hoshasen** 1984 Aug;29(8):849-54 (Eng. Abstr.) **(Jpn)**

[The sugar chains of gamma-glutamyltranspeptidase--changes induced by malignant transformation and their application for the diagnosis of hepatoma] Kobata A. **Yakugaku Zasshi** 1984 Aug;104(8):823-38 (41 ref.) (Eng. Abstr.) **(Jpn)**

[Primary APUDoma of the liver with hypokalemia] Hański W, et al. **Pol Tyg Lek** 1984 Jul 2;39(27):915-8 (Eng. Abstr.) **(Pol)**

[A case of primary liver cancer] Lorek J, et al. **Wiad Lek** 1984 Dec 1;37(23):1872-4 (Eng. Abstr.) **(Pol)**

[Extragastric sarcomas of the stomach] Bashkov IuA. **Khirurgiia (Mosk)** 1985 Mar;(3):119-20 **(Rus)**

[Complex endoscopic diagnosis of cancer of the hepato-pancreato-duodenal region] Balalykin AS, et al. **Klin Med (Mosk)** 1984 Aug;62(8):63-7 (Eng. Abstr.) **(Rus)**

[Tumor of the entodermal sinus with primary localization in the liver] Shabanov MA. **Pediatriia** 1984 Sep;(9):67-9 **(Rus)**

[Benign liver tumors in children] Grigovich IN, et al. **Vestn Khir** 1985 Mar;134(3):89-90 **(Rus)**

[Possibilities of laboratory diagnosis of liver cancer] Paštrakuljić N. **Srp Arh Celok Lek** 1984 Jul-Aug; 112(7-8):879-80 **(Scc)**

[Diagnosis of liver cell carcinoma. Personal experience] Perišić V, et al. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1287-92 (Eng. Abstr.) **(Scc)**

[Hepatic hamartoma in the adult. A clinical case and review of the literature] Marcos Sánchez F, et al. **Rev Clin Esp** 1984 Oct 31;175(2):113-4 **(Spa)**

[Marked discrepancy between computed tomography and ultrasonic findings in malignant histiocytosis] Ambré T, et al. **Lakartidningen** 1984 Oct 17;81(42):3829, 3832 **(Swe)**

DRUG THERAPY

Gastroduodenal ulcerations in patients receiving selective hepatic artery infusion chemotherapy. Wells JJ, et al. **Am J Gastroenterol** 1985 Jun;80(6):425-9

Prognostic factors in patients with hepatocellular carcinoma receiving systemic chemotherapy. Identification of two groups of patients with prospects for prolonged survival. Ihde DC, et al. **Am J Med** 1985 Mar;78(3):399-406

Assessment of treatment of intrahepatic malignancies using chemotherapy via an implantable pump. Schwartz SI, et al. **Ann Surg** 1985 May;201(5):560-7

Treatment of hepatocellular carcinoma with recombinant leucocyte interferon: a pilot study. Sachs E, et al. **Br J Cancer** 1985 Jul;52(1):105-9

Effects of intra-arterially infused biodegradable microspheres containing mitomycin C. Fujimoto S, et al. **Cancer** 1985 Feb 1;55(3):522-6

Adriamycin and cisplatin for hepatoblastoma. Quinn JJ, et al. **Cancer** 1985 Oct 15;56(8):1926-9

A phase I and pharmacokinetic comparison of hepatic arterial and peripheral vein infusions of bisantrene for liver cancer. Weiss GR, et al. **Cancer Chemother Pharmacol** 1985; 15(2):144-8

Phase II trial of mitoxantrone in patients with primary liver cancer. Falkson G, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1311-2

Phase II evaluation of doxorubicin plus bleomycin in hepatocellular carcinoma: a Southeastern Cancer Study Group trial. Ravry MJ, et al. **Cancer Treat Rep** 1984 Dec; 68(12):1517-8

Response of a hepatocellular carcinoma to the cisplatin-vinblastine-bleomycin drug regimen [letter] Schottinger J, et al. **Cancer Treat Rep** 1984 Nov; 68(11):1419-20

Treatment of colorectal cancer hepatic metastases by hepatic artery chemotherapy. Cohen AM, et al. **Dis Colon Rectum** 1985 Jun;28(6):389-93

Hematological toxicity: experience with anthracyclines and anthracenes. Falkson G, et al. **Exp Hematol** 1985;13 Suppl 16:64-71

Primary hepatocellular carcinoma in the eastern province of Saudi Arabia: treatment with combination chemotherapy using 5-fluorouracil, Adriamycin and mitomycin-C. Al-Idrissi HY, et al. **Hepatogastroenterology** 1985 Feb; 32(1):8-10

Utility of porphyrins and light in the diagnosis and treatment of malignancy [editorial] Pimstone NR. **Hepatology** 1985 Mar-Apr;5(2):338-40

Acetaminophen hepatotoxicity and targeted rescue: a model for specific chemotherapy of hepatocellular carcinoma. Wu GY, et al. **Hepatology** 1985 Sep-Oct;5(5):709-13

Phase II studies of mitoxantrone in patients with primary liver cancer. Falkson G, et al. **Invest New Drugs** 1985; 3(2):187-9

Avoidance of gastroduodenal toxicity in patients receiving hepatic arterial 5-fluoro-2'-deoxyuridine. Hohn DC, et al. **J Clin Oncol** 1985 Sep;3(9):1257-60

Hepatobiliary scintigraphy in patients receiving hepatic artery infusion chemotherapy. Housholder DF, et al. **J Nucl Med** 1985 May;26(5):474-7

Mesenchymal hamartoma of the liver responsive to cyclophosphamide therapy: therapeutic approach. Alkalay AL, et al. **J Pediatr Surg** 1985 Apr;20(2):125-8

Hepatic artery ligation and chemotherapeutic infusion in the treatment of hepatic malignancy. Al-Jurf AS, et al. **J Surg Oncol** 1984 Oct;27(2):119-23

Clinical evaluation of arterial administration of SMANCS in oily contrast medium for liver cancer. Tashiro S, et al. **Jpn J Med** 1985 Feb;24(1):79-80

Clinical trial of adjuvant chemotherapy after surgical resection of colorectal cancer metastatic to the liver. O'Connell MJ, et al. **Mayo Clin Proc** 1985 Aug; 60(8):517-20

Effective cisplatin (DDP) based chemotherapy in the treatment of hepatoblastoma. Douglass EC, et al. **Med Pediatr Oncol** 1985;13(4):187-90

Hepatic falciform artery: anatomy, angiographic appearance, and clinical significance. Williams DM, et al. **Radiology** 1985 Aug;156(2):339-40

Hepatic artery infusion for metastatic neoplastic disease. Sterchi JM. **Surg Gynecol Obstet** 1985 May;160(5):477-89 (145 ref.)

Chemotherapy for metastatic liver cancer by intra-aortic infusion. Sheen MC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):576-84

Intra-arterial infusion chemotherapy of primary liver cancer. Sheen MC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug; 83(8):800-6

[Double infusion chemotherapy by hepatic artery and portal vein in primary malignant tumor of the liver. Report of 18 cases] Wen ZM. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):141-3 (Eng. Abstr.) **(Chi)**

[Loco-regional treatment of hepatic metastases using an implantable pump] Pector JC, et al. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):506-8 (Eng. Abstr.) **(Fre)**

[Hepatic chemotherapy by hepatic arterial catheterization with an implantable system allowing permanent vascular access] Burstin R, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):103-8 (Eng. Abstr.) **(Fre)**

[Intermittent and ambulatory intra-arterial chemotherapy using a subcutaneous access chamber in the treatment of isolated hepatic metastases. Preliminary results] Elias D, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):95-7 (Eng. Abstr.) **(Fre)**

[Intra-arterial chemotherapy for hepatic metastases. Experience of the Pitié-Salpêtrière Hospital Group] Maral J, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):99-101 (Eng. Abstr.) **(Fre)**

[Treatment of hepatic metastases with unknown primary cancer] Piot G, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar;21(2):91-3 (Eng. Abstr.) **(Fre)**

[Hepatic metastases of breast cancer. Analysis of the parameters which influence the response to chemotherapy] Pouillart P, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar;21(2):87-90 (Eng. Abstr.) **(Fre)**

[Treatment of hepatocellular carcinoma with adriamycin. Phase II clinical trial (letter)] Barbare JC, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):679-80 **(Fre)**

[Treatment of hepatocellular carcinoma with tamoxifen (letter)] Paliard P, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):680-1 **(Fre)**

[Effects of a tamoxifen-norethisterone combination in 16 patients with hepatocellular carcinoma (letter)] Trinchet JC, et al. **Gastroenterol Clin Biol** 1985 May;9(5):455-6 **(Fre)**

[Hepatic metastases. Value of chemotherapy by the intra-arterial route] Maral J, et al. **Presse Med** 1984 Dec 8;13(44):2689-92 (Eng. Abstr.) **(Fre)**

[Short intermittent arterial infusion in local chemotherapy of liver tumors and metastases] Aigner KR, et al. **Chirurg** 1984 Aug;55(8):494-8 **(Ger)**

[CT evaluation of intra-arterial chemotherapy in liver metastases] Schröder R, et al. **Helv Chir Acta** 1985 Jan; 51(6):679-82 (Eng. Abstr.) **(Ger)**

[Role of chemotherapy in the treatment of malignant liver tumors in childhood] Köster B, et al. **Klin Padiatr** 1984 Sep-Oct;196(5):253-8 (Eng. Abstr.) **(Ger)**

[Intra-arterial chemotherapy for the treatment of liver metastases using an implantable pump (editorial)] Yablonski-Peretz Y, et al. **Harefuah** 1984 Aug; 107(3-4):101-2 **(Heb)**

[Role of oral administration of 1-hexyl-carbamoyl-5-fluorouracil (HCFU) for multimodal treatment of inoperable cirrhotics with hepatocellular carcinoma] Akiharu W, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2506-12 (Eng. Abstr.) **(Jpn)**

[Phase II study of VP-16 (capsule) in solid tumors. A cooperative study] Honma T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):309-13 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of 1-hexylcarbamoyl-5-fluorouracil (HCFU) in hepatocellular carcinoma] Shiraishi K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2348-55 (Eng. Abstr.) **(Jpn)**

[Clinical study on concentration of FT-207 and 5-FU in serum, lymph nodes and tissues after rectal administration of FT-207 suppositories for malignant diseases of the liver, biliary tract and pancreas] Takada T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1088-93 (Eng. Abstr.) **(Jpn)**

[Intraarterial Adriamycin for patients with hepatocellular carcinoma and metastatic liver carcinoma] Ueoka H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2579-84 (Eng. Abstr.) **(Jpn)**

[Effects of arterial chemotherapy in patients with hepatocellular carcinoma--alternate administration of mitomycin C and adriamycin] Hirai K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1252-8 (Eng. Abstr.) **(Jpn)**

[Studies on the new anticancer preparation, 5-fluorouracil-polyglycolic acid-composite and its therapeutic evaluation] Hirano M. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1508-17 (Eng. Abstr.) **(Jpn)**

[Hepatic arterial redistribution for hepatic arterial infusion chemotherapy] Kodera K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):985-7 (Eng. Abstr.) **(Jpn)**

[Two route infusion therapy of cisplatin using balloon catheter for primary liver cancer--with special reference to its provisional effects and side effects] Onohara S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):700-6 (Eng. Abstr.) **(Jpn)**

[Treatment of liver cancer patients with cytostatic agents] Banković S, et al. **Srp Arh Celok Lek** 1983 Sep-Oct; 111(9-10):1325-32 (Eng. Abstr.) **(Scc)**

ENZYMOLOGY

Electrophoretic studies of serum gamma-glutamyl transferase from patients with hepatoma. Hammond KD, et al. **Ann Clin Biochem** 1935 Jul;22 (Pt 4):376-80

Epidermal growth factor inhibits growth while increasing the expression of an ecto-Ca2+-ATPase of a human hepatoma cell line. Knowles AF, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):8-14

Tumour-associated isoenzymes of gamma-glutamyl transferase in the serum of patients with hepatocellular carcinoma. Kew MC, et al. **Br J Cancer** 1984 Oct; 50(4):451-5

Detection of lecithin: cholesterol acyltransferase (LCAT) in a human hepatoma cell line. Koren E, et al. **Cancer Biochem Biophys** 1985 Feb;7(4):301-7

Membrane proteinases from normal and neoplastic tissues in man and the rat. Fraser JD, et al. **Comp Biochem Physiol [B]** 1984;79(1):105-11

SAMP lyase and AMP deaminase activity in rat parenchymal and kupffer cells in hepatocarcinogenesis. Smith LD, et al. **Int J Biochem** 1984;16(9):985-90

The L.D. zymogram--something for everybody. Abraham P, et al. **J Assoc Physicians India** 1984 Sep;32(9):769-70

Serum L.D.H. zymogram in cirrhosis and malignancy of the liver. Dube GK, et al. **J Assoc Physicians India** 1984 Sep; 32(9):773-5

Human proapolipoprotein A-II is cleaved following secretion from Hep G2 cells by a thiol protease. Gordon JI, et al. **J Biol Chem** 1984 Dec 25;259(24):15556-63

Chromatography of gamma-glutamyl transferases from ascites hepatoma AH-66 cells and human primary hepatoma on Phaseolus vulgaris erythroagglutinating lectin agarose. Taniguchi N, et al. **J Chromatogr** 1985 May 3; 339(2):394-8

Characterization of cathepsin B-like proteinase from ascitic fluid of patients with primary liver cancer. Dufek V, et al. **Neoplasma** 1984;31(5):581-90

ETIOLOGY

Hepatocellular carcinoma after non-A, non-B posttransfusion hepatitis. Kiyosawa K, et al. **Am J Gastroenterol** 1984 Oct;79(10):777-81

Primary hepatocellular carcinoma after chronic non-A, non-B post-transfusion hepatitis. Gilliam JH 3d, et al. **Ann Intern Med** 1984 Dec;101(6):794-5

Liver carcinoma and liver fluke infection. Kim YI. **Arzneimittelforsch** 1984;34(9B):1121-6

Gamma-glutamyl transpeptidase--its role in hepatocarcinogenesis. Hanigan MH, et al. **Carcinogenesis** 1985 Feb;6(2):165-72 (115 ref.)

Primary liver cancer and food-based toxins. A Swaziland review. McGlashan ND. **Ecol Dis** 1982;1(1):37-44 (42 ref.)

Opisthorchis viverrini infection and cholangiocarcinoma. A prospective, case-controlled study. Kurathong S, et al. **Gastroenterology** 1985 Jul;89(1):151-6

Synergism between hepatitis B virus and aflatoxin in hepatocellular carcinoma. Ayoola EA. **IARC Sci Publ** 1984;(63):167-79

Hepatocellular carcinoma in the alcoholic. Leevy CM, et al. **IARC Sci Publ** 1984;(63):143-59

Etiology of hepatocellular carcinoma in Africa. Olweny CL. **IARC Sci Publ** 1984;(63):89-95

Primary liver cancer and oesophageal basal cell hyperplasia in rats caused by Fusarium moniliforme. Marasas WF, et al. **Int J Cancer** 1984 Sep 15;34(3):383-7

Follow-up study of HBs Ag-positive blood donors with special reference to effect of drinking and smoking on development of liver cancer. Oshima A, et al. **Int J Cancer** 1984 Dec 15;34(6):775-9

A case-control study on liver cancer with special emphasis on the possible aetiological role of schistosomiasis. Inaba Y, et al. **Int J Epidemiol** 1984 Dec;13(4):408-12

Hilar intrahepatic cholangiocarcinoma and its etiology [editorial] Juttijudata P, et al. **J Clin Gastroenterol** 1984 Dec;6(6):503-4

The long-term serological course of asymptomatic hepatitis B virus carriers and the development of primary hepatocellular carcinoma. Alward WL, et al. **J Infect Dis** 1985 Apr;151(4):604-9

Hepatitis B virus and hepatoma [letter] Churchill FE Jr. **J Occup Med** 1984 Oct;26(10):709

Hepatocellular carcinoma in a noncirrhotic infant after prolonged parenteral nutrition. Patterson K, et al. **J Pediatr** 1985 May;106(5):797-800

Cohort study of internal malignancy in genetic hemochromatosis and other chronic nonalcoholic liver diseases. Bradbear RA, et al. **JNCI** 1985 Jul;75(1):81-4

Thorotrast-induced multiple primary malignant tumors of the liver--cholangiocarcinoma and malignant hemangioendothelioma. Sakai K, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):411-6

Cirrhosis and liver cancer [letter] Arrigoni A, et al. **Lancet** 1985 Aug 3;2(8449):277

Risk factors in development of liver carcinoma in cirrhosis [letter] Bjørneboe M. **Lancet** 1985 Sep 14;2(8455):611-2

The role of dietary aflatoxin in the genesis of hepatocellular cancer in developing countries. Enwonwu CO. **Lancet** 1984 Oct 27;2(8409):956-8

Risk factors for hepatocellular carcinoma [letter] Lai CL, et al. **Lancet** 1985 Sep 7;2(8454):552-3

Risk factors in development of liver carcinoma in cirrhotics [letter] Viola LA, et al. **Lancet** 1985 Aug 3;2(8449):277

Risk factors and hepatocellular cancer [letter] Yu MC, et al. **Lancet** 1985 Aug 10;2(8450):329-30

Risk factors in development of hepatocellular carcinoma in cirrhosis: prospective study of 613 patients. Zaman SN, et al. **Lancet** 1985 Jun 15;1(8442):1357-60

Is porphyria cutanea tarda a risk factor in the development of hepatocellular carcinoma? A case report and review of the literature. Packe GE, et al. **Oncology** 1985;42(1):44-7

Hepatocellular carcinoma in the non-cirrhotic liver: a comparison with that complicating cirrhosis. Melia WM, et al. **Q J Med** 1984 Summer;53(211):391-400

Hepatocellular carcinoma in white South Africans--aetiological considerations. Kew MC, et al. **S Afr Med J** 1984 Dec 1;66(22):835-7

Does a portal-systemic shunt increase the risk of primary hepatic carcinoma in cirrhosis of the liver? Bjørneboe M, et al. **Scand J Gastroenterol** 1985 Jan;20(1):59-64

Hemorrhage into a hepatic adenoma and type Ia glycogen storage disease: a case report and review of the literature. Fink AS, et al. **Surgery** 1985 Jan;97(1):117-24

[Effect of riboflavin deficiency and massive doses of vitamin C on carcinogenesis in the esophagus and liver in rats] Lin PZ. **Chung Hua Chung Liu Tsa Chih** 1985 May; 7(3):171-4 (Eng. Abstr.) **(Chi)**

[Liver cell cancer in the young and adolescent and its relation to hepatitis B virus (HBV)] Xia QJ. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):413-6 (Eng. Abstr.) **(Chi)**

[Epidemiological analysis of the etiological relationship between primary hepatocarcinoma and hepatitis B virus] Ding ZR. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun;5(3):146-9 (Eng. Abstr.) **(Chi)**

[Hepatocellular carcinoma in Wilson's disease (letter)] Buffet C, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep;8(8-9):681-2 **(Fre)**

[HBs antigen: marker of the relation between hepatitis B virus and primary cancer of the liver: the situation in Brazzaville in 1984] Gombe CM. **IARC Sci Publ** 1984;(63):221-6 (Eng. Abstr.) **(Fre)**

[Acute viral hepatitis and hepatitis B virus markers in chronic liver disease and primary cancer of the liver] Sebti MF. **IARC Sci Publ** 1984;(63):227-36 (Eng. Abstr.) **(Fre)**

[The role of hepatitis B virus infection in the development of primary hepatocellular carcinoma] Shouval D, et al. **Harefuah** 1985 Feb 15;108(4):202-5 **(Heb)**

[Carcinoma originating in a hepatic cyst of polycystic disease--a case report] Kataoka K, et al. **Gan No Rinsho** 1985 Feb;31(2):199-205 (Eng. Abstr.) **(Jpn)**

[A case of thorotrast-induced malignant hemangioendothelioma of the liver: rapid progress in 4 months] Tsuji H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):324-9 **(Jpn)**

[Hepatitis B and primary liver cancer] Moszczyński P, et al. **Wiad Lek** 1984 Dec 15;37(24):1947-53 (33 ref.) (Eng. Abstr.) **(Pol)**

[Hepatocellular carcinoma (letter)] García Rodríguez A, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):693 **(Spa)**

FAMILIAL & GENETIC

The PLC/PRF/5 human hepatoma cell line. II. Chromosomal assignment of hepatitis B virus integration sites. Bowcock AM, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):19-26

Cytogenetic analysis of hepatoblastoma. Petković I, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):369-71

The PLC/PRF/5 human hepatoma cell line. I. Reevaluation of the karyotype. Pinto MR, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):11-8

Tumor phenotype and susceptibility to progression as an expression of subpopulations of initiated murine cells. Becker FF. **Cancer Res** 1985 Feb;45(2):768-73

Tumorigenicity and transcriptional modulation of c-myc and N-ras oncogenes in a human hepatoma cell line. Huber BE, et al. **Cancer Res** 1985 Sep;45(9):4322-9

Chromosomal site of hepatitis B virus (HBV) integration in a human hepatocellular carcinoma-derived cell line. Simon D, et al. **Cytogenet Cell Genet** 1985;39(2):116-20

Relationship between serum and histochemical markers for hepatitis B virus and rate of viral integration in hepatocellular carcinomas in Japan. Hino O, et al. **Int J Cancer** 1985 Jan 15;35(1):5-10

Familial carcinoma and cirrhosis of liver: report of six members in two generations. Tansurat P. **J Med Assoc Thai** 1984 Sep;67(9):529-34

Sequence of hepatitis B virus DNA incorporated into the genome of a human hepatoma cell line. Ziemer M, et al. **J Virol** 1985 Mar;53(3):885-92

Theoretical mechanisms for synthesis of carcinogen-induced embryonic proteins: XIII. Mutational and non-mutational mechanisms as subsets of a more general mechanism. Part B--hereditary tyrosinemia. Hancock RL. **Med Hypotheses** 1985 Feb;16(2):183-7

Loss of heterozygosity in three embryonal tumours suggests a common pathogenetic mechanism. Koufos A, et al. **Nature** 1985 Jul 25-31;316(6026):330-4

Hepatitis B virus integration in hepatocellular carcinoma DNA: duplication of cellular flanking sequences at the integration site. Yaginuma K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4458-62

Duck hepatitis B virus DNA in liver and serum of Chinese ducks: integration of viral DNA in a hepatocellular carcinoma. Yokosuka O, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5180-4

Detection of a cellular oncogene in spontaneous liver tumors of B6C3F1 mice. Fox TR, et al. **Science** 1985 May 3; 228(4699):596-7

IMMUNOLOGY

Effect of thymosin on T-lymphocyte rosette formation in Nigerian patients with different types of cancer. Olusi SO, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):103-9

Immunohistochemistry of hepatocellular carcinoma associated with cirrhosis. Espinoza CG, et al. **Ann Clin Lab Sci** 1984 Nov-Dec;14(6):467-73

Hepatocellular carcinoma HBsAg positive in pregnancy. Gonçalves CS, et al. **Arq Gastroenterol** 1984 Apr-Jun; 21(2):75-7

Localization of hepatitis B surface and core antigens in human hepatocellular carcinoma by immunoperoxidase methods. Replication of complete virions of carcinoma cells. Suzuki K, et al. **Cancer** 1985 Jul 15;56(2):321-7

Defective interleukin-1 production by natural killer cells of patients with cancer. Herman J, et al. **Cancer Immunol Immunother** 1985;19(2):148-53

Effect of cytotoxic chemotherapy on hepatitis B viral markers in patients with hepatocellular carcinoma. Zaman S, et al. **Clin Oncol** 1984 Sep;10(3):247-52

Immunofluorescence detection of liver cell membrane autoantibodies using PLC/PRF/5 cells. de Koning RW, et al. **Eur J Clin Invest** 1985 Apr;15(2):64-8

Repeated micro-monocyte adherence inhibition assay: a new technique of leukocyte adherence inhibition to detect tumor immunity in patients with hepatoma. Kumagai N, et al. **Gann** 1984 Nov;75(11):1017-24

Prevalence of HBeAg and anti-HBe in chronic active hepatitis, cirrhosis and primary hepatocellular carcinoma in Korea. Kim CY, et al. **Hepatology** 1985 Jan-Feb; 5(1):54-6

The spectrum of complement-fixing antinuclear antibodies in patients with hepatocellular carcinoma. Kiyosawa K, et al. **Hepatology** 1985 Jul-Aug;5(4):548-55

Hepatocellular carcinoma in young, mentally retarded HBsAg carriers without cirrhosis. Lohiya G, et al. **Hepatology** 1985 Sep-Oct;5(5):824-6

Antigenic characterization of human hepatocellular carcinoma. Development of in vitro and in vivo immunoassays that use monoclonal antibodies. Carlson RI, et al. **J Clin Invest** 1985 Jul;76(1):40-51

The role of interleukin 1 (IL 1) in tumor-NK cell interactions: correction of defective NK cell activity in cancer patients by treating target cells with IL 1. Herman J, et al. **J Immunol** 1985 Oct;135(4):2882-6

Role of organ-associated NK cells in decreased formation of experimental metastases in lung and liver. Wiltrout RH, et al. **J Immunol** 1985 Jun;134(6):4267-75

Response of children of patients with primary hepatocellular carcinoma to hepatitis B virus vaccine. Ryder RW, et al. **J Infect Dis** 1985 Jan;151(1):187-91

Inhibition of in vitro HBsAg production by amphotericin B and ketoconazole. Pottage JC Jr, et al. **J Med Virol** 1985 Jul;16(3):275-81

Evaluation of leukocyte adherence inhibition (LAI) test in primary and secondary hepatic malignancies. Tantry BV, et al. **J Surg Oncol** 1984 Nov;27(3):159-62

Hepatitis B surface antigen in hepatocellular carcinoma. Tanaka K, et al. **Jpn J Cancer Res** 1985 Jul;76(7):603-7

Monoclonal radioimmunoassays and HBV-DNA hybridisation in hepatocellular carcinoma [letter] Wands JR, et al. **Lancet** 1985 Feb 23;1(8426):455

Hepatitis D (delta agent) in primary hepatocellular carcinoma and liver disease in Senegal. Cronberg S, et al. **Liver** 1984 Aug;4(4):275-9

Further comparative studies on chemical properties of carcinoembryonic antigen in tumor tissues and closely related antigens in adult feces and meconium. Koga Y, et al. **Mol Immunol** 1985 Jan;22(1):67-73

Antibodies to peptides detect new hepatitis B antigen: serological correlation with hepatocellular carcinoma. Moriarty AM, et al. **Science** 1985 Jan 25;227(4685):429-33

[Serum immunoglobulins G, A and M in patients with liver carcinoma] Dinkov L, et al. **Vutr Boles** 1984;23(6):14-7 (Eng. Abstr.) **(Bul)**

[The clinical evaluation of serum tissue polypeptide antigen (TPA) in hepatocellular carcinoma] Tanaka N, et al.

Fukuoka Igaku Zasshi 1984 Sep;75(9):568-73 (Eng. Abstr.) **(Jpn)**

[A study of tumor markers in hepatocellular carcinoma] Nakayama T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov;81(11):2816-20 **(Jpn)**

[Appearance of HBsAg in the liver in cases of hepatocellular carcinoma] Szczudrawa J, et al. **Patol Pol** 1984 Apr-Jun; 35(2):179-89 (Eng. Abstr.) **(Pol)**

[Carbohydrate antigen (CA-19-9) in the blood serum of patients with benign and malignant liver diseases] Ametov AS, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):39-41 (Eng. Abstr.) **(Rus)**

METABOLISM

High level human interleukin 1 production by a hepatoma cell line. Doyle MV, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):768-73

Synthesis of transcobalamin II by cultured human hepatocytes. Hall CA, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):387-9

Synthesis and secretion of protein C inhibitor by the human hepatoma-derived cell line, Hep G2. Morito F, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):209-15

Effect of sodium butyrate on the complexity and the translation activity of hepatoma tissue-cultured cell RNAs. Raymondjean M, et al. **Biol Cell** 1985;54(1):39-48

Constitutive production of leukemia differentiation, colony-stimulating, erythroid burst-promoting, and pluripoietic factors by a human hepatoma cell line: characterization of the leukemia differentiation factor. Gabrilove JL, et al. **Blood** 1985 Aug;66(2):407-15

Production of erythropoietin-like activity by human renal and hepatic carcinomas in cell culture. Okabe T, et al. **Cancer** 1985 May 1;55(9):1918-23

Serum vitamin B12 binders in South African blacks with hepatocellular carcinoma. van Tonder S, et al. **Cancer** 1985 Aug 15;56(4):789-92

Differential cytokeratin and alpha-fetoprotein expression in morphologically distinct epithelial cells emerging at the early stage of rat hepatocarcinogenesis. Germain L, et al. **Cancer Res** 1985 Feb;45(2):673-81

Isolation of a lipolytic factor (toxohormone-L) from ascites fluid of patients with hepatoma and its effect on feeding behavior. Masuno H, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1177-85

Regulation of low-density lipoprotein receptors in the human hepatoma cell line Hep G2. Illingworth DD, et al. **Exp Cell Res** 1984 Dec;155(2):518-26

Differences in molecular heterogeneity of glucagon-like immunoreactivity in plasma and liver metastases of a patient with alpha-cell tumor. Kohnert KD, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):89-94

Activity and regulation of low density lipoprotein receptors in a human hepatoblastoma cell line. Wu GY, et al. **Hepatology** 1984 Nov-Dec;4(6):1190-4

Production of an auto-stimulatory growth factor by human hepatoma cells abrogates requirement for a brain-derived factor. Hoshi H, et al. **In Vitro Cell Dev Biol** 1985 Feb; 21(2):125-8

AFP-synthesis induction in mouse hepatomas. Shipova LY, et al. **Int J Cancer** 1985 Jan 15;35(1):135-8

Glycolipid composition of ascitic fluids from patients with cancer. Taki T, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1257-65

Apolipoprotein C-II mRNA levels in primate liver. Induction by estrogen in the human hepatocarcinoma cell line, HepG2. Archer TK, et al. **J Biol Chem** 1985 Feb 10; 260(3):1676-81

Characterization of nascent and secreted thyroxine-binding globulin in cultured human hepatoma (Hep G2) cells. Bartalena L, et al. **J Biol Chem** 1984 Nov 10; 259(21):13605-9

Biosynthetic precursors and in vitro translation products of the glucose transporter of human hepatocarcinoma cells, human fibroblasts, and murine preadipocytes. Haspel HC, et al. **J Biol Chem** 1985 Jun 25;260(12):7219-25

Effects of estrogen on apolipoprotein secretion by the human hepatocarcinoma cell line, HepG2. Tam SP, et al. **J Biol Chem** 1985 Feb 10;260(3):1670-5

Distribution of fibronectin and laminin in human liver tumors. Szendröi M, et al. **J Cancer Res Clin Oncol** 1985;109(1):60-4

Dual regulation of glycogen metabolism by insulin and insulin-like growth factors in human hepatoma cells (HEP-G2). Analysis with an anti-receptor monoclonal antibody. Verspohl EJ, et al. **J Clin Invest** 1984 Oct; 74(4):1436-43

Cellular pathways of galactose-terminal ligand movement in a cloned human hepatoma cell line. Simmons CF Jr, et al. **Mol Pharmacol** 1984 Nov;26(3):509-19

Translation of erythropoietin-mRNA extracted from a human hepatocellular carcinoma. Urabe A, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1722-6

Protein synthesis in the tumor-influenced hepatocyte. Warren RS, et al. **Surgery** 1985 Aug;98(2):275-82

Secretion of glucagon in liver cell carcinoma. Ohneda A, et al. **Tohoku J Exp Med** 1985 May;146(1):47-57

Biosynthesis of various types of collagen by human hepatoma cells in vitro. Uchino R, et al. **Virchows Arch [Cell Pathol]** 1985;48(3):229-36

[Subcellular localization of ferritin in liver cancer] Yang XY. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):171-2 **(Chi)**

[Abnormal bile acids in liver cirrhosis and liver cancer] Tsujii T, et al. **Nippon Rinsho** 1984 Jul;42(7):1604-9 **(Jpn)**

[Transforming activity of the DNA from human hepatoma cells] Dukanidin EM, et al. **Dokl Akad Nauk SSSR** 1984; 279(6):1508-10 **(Rus)**

[Phospholipid composition of tumors and homologous tissues of rats exposed to dimethylnitrosamine] Moskadynova GA, et al. **Eksp Onkol** 1984;6(4):25-8 (Eng. Abstr.) **(Rus)**

[The importance of the biochemical examination of ascitic fluid] Vladár L, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):165-9 (Eng. Abstr.) **(Slo)**

MICROBIOLOGY

A serological case-control study of primary hepatocellular carcinoma in Guangxi, China. Yeh FS, et al. **Cancer Res** 1985 Feb;45(2):872-3

Amplification and rearrangement in hepatoma cell DNA associated with integrated hepatitis B virus DNA. Koch S, et al. **EMBO J** 1984 Sep;3(9):2185-9

Short communication: presence of HBV DNA in hepatocellular carcinoma tissue. Greenfield G. **IARC Sci Publ** 1984;(63):237-9

Hepatitis B viral DNA in infected human liver and in hepatocellular carcinoma. Miller RH, et al. **J Infect Dis** 1985 Jun;151(6):1081-92

The genetic organization of integrated hepatitis B virus DNA in the human hepatoma cell line PLC/PRF/5. Koch S, et al. **Nucleic Acids Res** 1984 Sep 11;12(17):6871-86

Inversely repeating integrated hepatitis B virus DNA and cellular flanking sequences in the human hepatoma-derived cell line huSP. Mizusawa H, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):208-12

MORTALITY

A cohort study on the causes of death in an endemic area of schistosomiasis japonica in Japan. Inaba Y. **Ann Acad Med Singapore** 1984 Apr;13(2):142-8

Incidence of hepatocellular carcinoma in the Trieste area over a 15-year period (1968-1982). Giarelli L, et al. **Appl Pathol** 1984;2(1):22-7

Mortality of hepatitis B positive blood donors in England and Wales. Hall AJ, et al. **Lancet** 1985 Jan 12;1(8420):91-3

OCCURRENCE

Hepatic angiosarcoma in childhood. A case report and review of the literature. Noronha R, et al. **Am J Surg Pathol** 1984 Nov;8(11):863-71

Primary liver cancer: global epidemiology and main aetiological factors. Linsell A. **Ann Acad Med Singapore** 1984 Apr;13(2):185-9

Incidence rate and geographic distribution of hepatoma in Burundi. Kocheleff P, et al. **Ann Soc Belg Med Trop** 1984 Sep;64(3):299-307

Hepatocellular carcinoma and dietary aflatoxin in Mozambique and Transkei. Van Rensburg SJ, et al. **Br J Cancer** 1985 May;51(5):713-26

Cancer of the liver. Cook-Mozaffari P, et al. **Br Med Bull** 1984 Oct;40(4):342-5 (48 ref.)

Primary liver cancer in Japan. The Liver Cancer Study Group of Japan. **Cancer** 1984 Oct 15;54(8):1747-55

Hepatocellular carcinoma and cirrhosis: a review of their relative incidence in a 25-year period in the Florence area. Bartoloni St. Omer F, et al. **Hepatogastroenterology** 1984 Oct;31(5):215-7

Primary hepatic cancer and liver cirrhosis. Autopsy study covering fifty years. Bethke BA, et al. **Hepatogastroenterology** 1984 Oct;31(5):211-4

Nitrate and nitrite in saliva and urine of inhabitants of areas of low and high incidence of cholangiocarcinoma in Thailand. Srianujata S, et al. **IARC Sci Publ** 1984;(57):921-7

Primary liver cancer in Sri Lanka. Nagaratnam N, et al. **J Trop Med Hyg** 1984 Aug;87(4):185-7

Virus-associated cancers in Greenland: frequent hepatitis B virus infection but low primary hepatocellular carcinoma incidence. Melbye M, et al. **JNCI** 1984 Dec;73(6):1267-72

Problems in dose response interpretation in occupational epidemiology. Smith AH. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:189-95

[A statistical analysis of the geographic distribution of primary hepatocarcinoma] Li RC. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun; 5(3):143-5 (Eng. Abstr.) **(Chi)**

[Primary cancer of the liver in Europeans. Monocenter experience of 221 cases] Bertrand L, et al. **Bull Acad Natl Med (Paris)** 1984 May-Jun;168(5-6):642-7 (Eng. Abstr.) **(Fre)**

[Hepatocellular carcinoma in France. Clinical, biological and virological aspects in 197 patients] Attali P, et al. **Gastroenterol Clin Biol** 1985 May;9(5):396-402 (Eng. Abstr.) **(Fre)**

[Primary cancer of the liver: present situation in Zaire] Mpat MM. **IARC Sci Publ** 1984;(63):111-5 (Eng. Abstr.) **(Fre)**

[Epidemiology of primary cancer of the liver in Senegal] Touré P. **IARC Sci Publ** 1984;(63):97-110 (Eng. Abstr.) **(Fre)**

[Double malignancies in the stomach and other organs--analysis with the person-years method] Ichikawa T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20; 19(9):2157-67 (Eng. Abstr.) **(Jpn)**

[An epidemiological study on relationship between hepatitis B virus and hepatocellular carcinoma] Fukao A. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):232-8 (Eng. Abstr.) **(Jpn)**

[On the multivariate analysis of biochemical liver function tests in relation to histopathological diagnosis--with special reference to mass screening of hepatocellular carcinoma] Hirata K, et al. **Rinsho Byori** 1985 Mar;33(3):239-48 **(Jpn)**

[Primary liver cancer. Analysis of 67 cases studied at the Salvador Zubirán National Institute of Nutrition] Herrera M, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):103-7 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

In vitro cultivation of the exoerythrocytic stage of Plasmodium berghei in irradiated hepatoma cells. Hollingdale MR, et al. **Am J Trop Med Hyg** 1985 Jan; 34(1):21-3

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells. Zavala F, et al. **J Immunol** 1985 Feb;134(2):1202-5

PATHOLOGY

Some cytologic features of hepatocellular carcinoma as seen in fine needle aspirates. Greene CA, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):713-8

Fine needle aspiration biopsy of the liver. A study of 102 consecutive cases. Whitlatch S, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):719-25

Simultaneous occurrence of primary carcinoma and chondrosarcoma in the liver. A case report and a review of the literature. Sonoda T, et al. **Acta Pathol Jpn** 1984 Jul;34(4):919-24

Hepatocellular carcinoma with sarcomatous proliferation showing an unusual and wide-spread metastasis. Tsujimoto M, et al. **Acta Pathol Jpn** 1984 Jul;34(4):839-45

Value of heparinized fine-needle aspiration biopsy in liver malignancy. Kasugai H, et al. **AJR** 1985 Feb;144(2):243-4

Fine-needle biopsy of hepatic hemangioma with sonographic guidance. Solbiati L, et al. **AJR** 1985 Mar;144(3):471-4

Fibrolamellar carcinoma of the liver [letter] Sumithran E. **Am J Clin Pathol** 1984 Nov;82(5):633-4

Malignant fibrous histiocytoma of the liver--a case report. Conran RM, et al. **Am J Gastroenterol** 1985 Oct; 80(10):813-5

Comparison of alpha-1-antitrypsin and alpha-1-antichymotrypsin in hepatocellular carcinoma: an immunoperoxidase study. Ordóñez NG, et al. **Am J Gastroenterol** 1984 Dec;79(12):959-63

Fever, abdominal pain, and hepatomegaly in a 66-year-old man [clinical conference] **Am J Med** 1985 Mar;78(3):481-6

Hepatocellular carcinoma of small size. Watanabe A, et al. **Am J Med Sci** 1984 Nov;288(4):151-7

Quantitative relationship between hepatocytic neoplasms and islands of cellular alteration during hepatocarcinogenesis in the male F344 rat. Kaufmann WK, et al. **Am J Pathol** 1985 May;119(2):171-4

Culturing of human hepatocellular carcinoma. A simple and reproducible method. Laohathai K, et al. **Am J Pathol** 1985 Feb;118(2):203-8

Fibrolamellar hepatoma. Nagorney DM, et al. **Am J Surg** 1985 Jan;149(1):113-9

Angiomyolipomas of the liver. Goodman ZD, et al. **Am J Surg Pathol** 1984 Oct;8(10):745-50

Ultrasound in monitoring patients with hepatocellular carcinoma treated with adriamycin. Sciarrino E, et al. **Ann Radiol (Paris)** 1985;28(1):21-4

Fibrolamellar carcinoma of the liver. Review of three cases and the presentation of a characteristic set of tumor markers defining this tumor. Teitelbaum DH, et al. **Ann Surg** 1985 Jul;202(1):36-41

Smear and inclusion cytology in Chiba-needle aspiration biopsy of hepatic tumors. Sangalli G, et al. **Appl Pathol** 1984;2(1):49-53

Hepatocellular carcinoma with intra-atrial tumor growth. A clinicopathologic study of 18 autopsy cases. Kojiro M, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):989-92

Hepatic Hodgkin's disease simulating cholestatic hepatitis with liver failure. Lefkowitch JH, et al. **Arch Pathol Lab Med** 1985 May;109(5):424-6

Embryonal (undifferentiated) sarcoma of the liver. Fine-needle aspiration cytology and ultrastructural findings. Pieterse AS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):677-80

Delayed development of angiosarcoma in multinodular infantile hepatic hemangioendothelioma [letter] Strate SM, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):943-4

Coelomic fat ectopia in the liver. Wheeler DA, et al. **Arch Pathol Lab Med** 1985 Aug;109(8):783-5

Quantitative morphology of mitochondria in hepatocellular carcinoma and chronic liver disease. Wu PC, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):914-6

Combined hepatocellular-cholangiocarcinoma. A histologic and immunohistochemical study. Goodman ZD, et al. **Cancer** 1985 Jan 1;55(1):124-35

Karyometric analysis of liver cell dysplasia and hepatocellular carcinoma. Evidence against precancerous nature of liver cell dysplasia. Henmi A, et al. **Cancer** 1985 Jun 1;55(11):2594-9

Prognostic histologic features of resected small hepatocellular carcinoma (HCC) in Taiwan. A comparison with resected large HCC. Hsu HC, et al. **Cancer** 1985 Aug

1;56(3):672-80

Mucoid anaplastic hepatoblastoma. A case report. Joshi VV, et al. **Cancer** 1984 Nov 1;54(9):2035-9

Nonhepatocytic malignant mixed tumor primary in the liver. Report of two cases. Kawarada Y, et al. **Cancer** 1985 Apr 15;55(8):1790-8

Hepatoblastoma producing both alpha-fetoprotein and human chorionic gonadotropin. Clinicopathologic analysis of four cases and a review of the literature. Nakagawara A, et al. **Cancer** 1985 Oct 1;56(7):1636-42

Is mallory body formation a preneoplastic change? A study of 181 cases of liver bearing hepatocellular carcinoma and 82 cases of cirrhosis. Nakanuma Y, et al. **Cancer** 1985 May 15;55(10):2400-4

Bone metastasis in hepatocellular carcinoma. Okazaki N, et al. **Cancer** 1985 May 1;55(9):1991-4

Gross anatomic features of hepatocellular carcinoma from three disparate geographic areas. Proposal of new classification. Okuda K, et al. **Cancer** 1984 Nov 15; 54(10):2165-73

Race-related morphologic variations in hepatocellular carcinoma. Sumithran E, et al. **Cancer** 1985 Sep 1; 56(5):1124-7

Cystadenoma with mesenchymal stroma (CMS) in the liver and bile ducts. A clinicopathologic study of 17 cases, 4 with malignant change. Wheeler DA, et al. **Cancer** 1985 Sep 15;56(6):1434-45

Blind and target liver biopsy in the diagnosis of malignant liver diseases--a comparison. Atoba MA. **Cent Afr J Med** 1984 Nov;30(11):225-6

Two-dimensional echocardiographic abnormalities of right atrial metastatic tumors in hepatoma. Chia BL, et al. **Chest** 1985 Mar;87(3).399-401

Transcatheter brush biopsy of a liver mass with CT-proven intracaval extension. Ellis JH, et al. **Comput Radiol** 1985 May-Jun;9(3):173-6

Computed tomographic detection of gas within spontaneously necrotic tissue. Silverman PM, et al. **Comput Radiol** 1985 Jan-Feb;9(1):51-5

Liver biopsy guided by laparoscopic sonography. A case report demonstrating a new technique. Bönhof JA, et al. **Endoscopy** 1984 Nov;16(6):237-9

Acute polyhydramnios associated with fetal hepatoblastoma. van de Bor M, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):65-9

Inclusion-cytology versus smear-cytology in fine needle abdominal biopsy. Livraghi T, et al. **Eur J Radiol** 1985 May;5(2):111-4

CT diagnosis of abdominal lymph node metastases in hepatocellular carcinoma. Tanaka T, et al. **Eur J Radiol** 1985 Aug;5(3):175-7

Hepatocellular carcinoma in the Philippines: a clinicopathological study of 150 cases. Irie H, et al. **Gann** 1985 Apr;76(4):297-300

Pedunculated hepatoma--report of two cases and review of the literature. Nobusawa S, et al. **Gastroenterol Jpn** 1984 Oct;19(5):464-71

Hepatocellular carcinoma: an unusual course with hyperthyroidism and inappropriate thyroid-stimulating hormone production. Helzberg JH, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):181-4

Growth rate of asymptomatic hepatocellular carcinoma and its clinical implications. Sheu JC, et al. **Gastroenterology** 1985 Aug;89(2):259-66

Extension of hepatoma to the rectus abdominis muscle via ligamentum teres hepatis. Kim SY, et al. **Gastrointest Radiol** 1985;10(2):119-21

Regulation of low density lipoprotein receptor function in a human hepatoma cell line. Leichtner AM, et al. **Hepatology** 1984 Sep-Oct;4(5):897-901

Liver morphology in southern African blacks with hepatocellular carcinoma: a study within the urban environment. Paterson AC, et al. **Hepatology** 1985 Jan-Feb; 5(1):72-8

Liver cell dysplasia and hepatocellular carcinoma: a histological and immunohistochemical study. Roncalli M, et al. **Histopathology** 198[illegible]eb;9(2):209-21

Squamous cell carcinoma [illegible]e liver. Gresham GA, et al. **Hum Pathol** 1985 Apr;[illegible]):413-6

Undifferentiated (embryonal) sarcoma of the liver: ultrastructural and immunohistochemical similarities with malignant fibrous histiocytoma. Keating S, et al. **Hum Pathol** 1985 Jul;16(7):693-9

Hepatoblastoma in early infancy. Shah AR, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):501-3

Cirrhosis and hepatocellular carcinoma: a 13 year necropsy study with attention to the role of alcohol. McDonald GS, et al. **Ir J Med Sci** 1985 Apr;154(4):140-5

Hepatic pseudolipoma. Karhunen PJ. **J Clin Pathol** 1985 Aug; 38(8):877-9

The early growth of cancer. Chover J, et al. **J Math Biol** 1985;21(3):329-46

Undifferentiated (embryonal) sarcoma of the liver in childhood: report of two cases. Parichatikanond P, et al. **J Med Assoc Thai** 1985 Feb;68(2):99-105

Hepatic malignant hemangioendothelioma with cardiac tamponade. Techapaitoon S, et al. **J Med Assoc Thai** 1984 May;67(5):295-8

Hepatocellular carcinoma metastatic to the maxillary incisal gingiva. Morishita M, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):812-5

Effect of anti-alpha-fetoprotein serum on human hepatoblastoma. Hata Y, et al. **J Pediatr Surg** 1984 Oct; 19(5):573-6

Pedunculated primary hepatocellular carcinoma. Cunningham PL, et al. **J Surg Oncol** 1984 Dec;27(4):260-7

Effects of 17 beta-estradiol and diethylstilbestrol on concurrent development of hepatic, mammary, and pituitary tumors in WF rats: evidence for differential effect on liver. Sumi C, et al. **JNCI** 1984 Nov;73(5):1229-34

Establishment and characterization of the human cholangiocarcinoma cell line HChol-Y1 in a serum-free, chemically defined medium. Yamaguchi N, et al. **JNCI** 1985 Jul;75(1):29-35

Aflatoxin, hepatocellular carcinoma, and schistosomiasis [letter] Daneshmend TK. **Lancet** 1984 Dec 15; 2(8416):1393-4

Hepatocellular carcinoma presenting as sphenoid sinus metastasis. Waxman JS, et al. **Mt Sinai J Med (NY)** 1985 Mar;52(3):221-4

Increased UDP-glucuronyltransferase in putative preneoplastic foci of human liver after long-term use of oral contraceptives. Fischer G, et al. **Naturwissenschaften** 1985 May;72(5):277-8

Asymptomatic first-trimester liver cell adenoma: diagnosis by fine-needle aspiration cytology with cytochemical and ultrastructural study. Stock RJ, et al. **Obstet Gynecol** 1985 Aug;66(2):287-90

Trial for computer analysis of normal hepatic tissue and hepatocellular carcinoma tissue pictures. Kanno T, et al. **Osaka City Med J** 1983;29(2):105-43

Histologic features of hepatocellular carcinoma and allied disorders. Kondo Y. **Pathol Annu** 1985;20 Pt 2:405-30

Mesenchymal hamartoma of the liver: report of 30 cases and review of the literature. Stocker JT, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):245-67

A case of hepatocellular carcinoma occurring in a cirrhotic liver--laparoscopically confirmed transition from a cirrhotic nodule to a hepatocellular carcinoma at an interval of 10 months. Iwamura K, et al. **Tokai J Exp Clin Med** 1984 Mar;9(1):69-79

Malignant epithelioid hemangioendothelioma of the liver, spreading through the hepatic veins. Fukayama M, et al. **Virchows Arch** [A] 1984;404(3):275-87

Pathological study of small hepatocellular carcinoma: frequency of their invasion. Wakasa K, et al. **Virchows Arch** [A] 1985;407(3):259-70

[Case of a patient with a hepatocellular adenoma of the liver] Stoianov G. **Khirurgiia (Sofiia)** 1984;37(6):524-5 **(Bul)**

[Transforming activity of DNA from primary hepatocellular carcinoma and the 7402 cell line on NIH/3T3 cells] Guo C. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):3-5 (Eng. Abstr.) **(Chi)**

[Clinico-pathologic study of primary liver cancer. 31 patients who survived for more than 3 years postoperatively] Shao LQ. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):278-80 (Eng. Abstr.) **(Chi)**

[An immunological technic (ABC immunoperoxidase) demonstrating hepatic differentiation in teratocarcinomas of the mouse] Gaillard JA, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):245-58 (Eng. Abstr.) **(Fre)**

[Sensitivity of fine-needle puncture-biopsy in the histologic diagnosis of hepatic and pancreatic malignant tumors] Cornud F, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):47-50 (Eng. Abstr.) **(Fre)**

[Fibrolamellar carcinoma of the liver: hepatocellular carcinoma with favourable prognosis] Denis J, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):920-4 (Eng. Abstr.) **(Fre)**

[Value of ultrasound-guided cytopuncture in the diagnosis of tumors in cirrhosis. Study of 29 cases] Messner M, et al. **Gastroenterol Clin Biol** 1985 Jan;9(1):42-6 (Eng. Abstr.) **(Fre)**

[Primary liver cancers in autopsy material] Hey A, et al. **Fortschr Med** 1985 Mar 7;103(9):238-42 (Eng. Abstr.) **(Ger)**

[Somatostatinoma of the liver] Grundmann R, et al. **Leber Magen Darm** 1985 Mar;15(2):81-4 (Eng. Abstr.) **(Ger)**

[Therapy-induced tumor regression. Morphological findings in malignant primary and secondary liver tumors following intensive regional cytostatic treatment] Fischer HP. **Pathologe** 1985 Jan;6(1):16-23 **(Ger)**

[Ultrasound-guided thin-needle biopsy in focal liver diseases. II. Benign focal liver diseases] Wernecke K, et al. **Ultraschall Med** 1984 Dec;5(6):303-11 (Eng. Abstr.) **(Ger)**

[Ultrasound-guided thin-needle biopsy in focal liver diseases. I. Malignant hepatic tumors] Wernecke K, et al. **Ultraschall Med** 1984 Dec;5(6):298-302 (Eng. Abstr.) **(Ger)**

[Hepatic evaluation in malignant lymphoma. Clinico-pathological correlation in 125 cases] Montalbetti L, et al. **Recenti Prog Med** 1984 Nov;75(11):957-70 (Eng. Abstr.) **(Ita)**

[Feulgen-DNA cytofluorometry of the liver cell carcinomas] Kagawa K, et al. **Gan No Rinsho** 1984 Oct;30(13):1643-50 (Eng. Abstr.) **(Jpn)**

[CT and pathologic studies on detecting hepatic involvement of malignant lymphoma] Okazaki A, et al. **Gan No Rinsho** 1985 May;31(5):494-500 (Eng. Abstr.) **(Jpn)**

[Reciprocal regulation of growth and differentiation in hepatocytes by cell surface modulator and loss of regulation during carcinogenesis] Nakamura T. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):677-84 (Eng. Abstr.) **(Jpn)**

[Cranial metastasis of hepatocellular carcinoma. Report of three cases] Nakao S, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):229-34 (Eng. Abstr.) **(Jpn)**

[Sudden onset multifocal brain metastasis of liver cancer. Case report] Ohno M, et al. **Neurol Med Chir (Tokyo)** 1984 Dec;24(12):969-73 (Eng. Abstr.) **(Jpn)**

[Clinical findings in 22 patients with small hepatocellular carcinoma, without anti-cancer therapy for a long period] Ebara M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1799-809 (Eng. Abstr.) **(Jpn)**

[A case of hepatocellular carcinoma with growth into the right atrium, pulmonary tumor embolism, and cerebral metastasis] Nakamura Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):319-23 **(Jpn)**

[A case of huge hepatic hamartoma] Kurokawa H, et al. **Rinsho Hoshasen** 1984 Aug;29(8):901-4 (Eng. Abstr.) **(Jpn)**

[Preliminary evaluation of diagnostic fine-needle aspiration biopsy of the liver and pancreas conducted under the control of computerized tomography] Sajdak E, et al. **Pol Tyg Lek** 1984 Apr 16;39(16):533-6 **(Pol)**

[Malignant liver tumor of complex histogenesis: mixed hepatoblastoma, hepatocellular and cholangiocellular cancer and apudoma] Serezhin BS, et al. **Arkh Patol** 1984; 46(8):63-7 (Eng. Abstr.) **(Rus)**

[Sensitivity of hepatocytes to the effect of factors stimulating and suppressing cell proliferation in hepatocarcinogenesis] Osipova LA. **Eksp Onkol** 1984;6(2):23-6 (Eng. Abstr.) **(Rus)**

[Liver adenoma with disintegration and transformation into trabecular cancer complicated by intra-abdominal hemorrhage] Polstianoĭ VG, et al. **Klin Khir** 1984 Sep; (9):66-7 **(Rus)**

[Budd-Chiari syndrome in a patient with liver cirrhosis and cancer] Trubnikov GV, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):137-40 **(Rus)**

[Hodgkin's disease and the liver. Study of 50 biopsies] Palmitano JB, et al. **Acta Gastroenterol Latinoam** 1984; 14(2):127-34 (Eng. Abstr.) **(Spa)**

[Pathology review: hepatocellular carcinoma] Castillo-Staab M. **Bol Asoc Med PR** 1984 Aug;76(8):336-8 **(Spa)**

[Primary liver cancer] Arévalo Jiménez E, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):37-43 (Eng. Abstr.) **(Spa)**

[A new case of fibrolamellar hepatocarcinoma] Pérez Blanco FJ, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):551-5 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Immunohistochemical and ultrastructural study on erythropoiesis in hepatoblastoma. Emura I, et al. **Acta Pathol Jpn** 1985 Jan;35(1):79-86

Myelolipoma of the liver. Rubin E, et al. **Cancer** 1984 Nov 1;54(9):2043-6

The effect of methadone and naloxone on cultured rat liver cells. Beverley CL, et al. **Exp Cell Biol** 1984;52(3):170-5

Hepatic lymphangiomatosis. Report of a case and review of the literature. Van Steenbergen W, et al. **Gastroenterology** 1985 Jun;88(6):1968-72

[Catheter embolization for intractable back pain due to metastatic spinal epidural tumor] Takahashi N, et al. **Rinsho Hoshasen** 1984 Jul;29(7):805-7 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Prevention of primary liver cancer. Oon CJ. **Ann Acad Med Singapore** 1984 Apr;13(2):190-3

A randomized controlled trial of adjuvant portal vein cytotoxic perfusion in colorectal cancer. Taylor I, et al. **Br J Surg** 1985 May;72(5):359-63

Report of the OAU/STRC Ad Hoc Committee on Hepatitis B Vaccination in Africa. **IARC Sci Publ** 1984;(63):393-401 **(Eng, Fre)**

Hepatitis B virus and the control of hepatocellular carcinoma. Blumberg BS. **IARC Sci Publ** 1984;(63):243-61

Strategies for prevention and control of hepatitis B and hepatocellular carcinoma. Sobeslavsky O. **IARC Sci Publ** 1984;(63):271-8

Effects of disulfiram on the metabolism of nitrosodiethylamine during liver carcinogenesis. Hadjiolov D, et al. **J Cancer Res Clin Oncol** 1984;108(3):281-5

Hepatitis B virus and the prevention of primary cancer of the liver. Blumberg BS, et al. **JNCI** 1985 Feb;74(2):267-73

Inhibition by 3-amino-1H-1,2,4-triazole of hepatic tumorigenesis induced by diethylstilbestrol alone or combined with N-nitrosobutylurea in WF rats. Sumi C, et al. **JNCI** 1985 Jun;74(6):1329-34

Infiltration of liver and brain by tumor cells in leukemic mice: prevention by dimethyltriazenes and cyclophosphamide. Sava G, et al. **Tumori** 1984 Dec 31;70(6):477-83

RADIOGRAPHY

Computed tomography of infantile hepatic hemangioendothelioma. Lucaya J, et al. **AJR** 1985 Apr; 144(4):821-6

Hepatic hemangioma: atypical appearance. Mikulis DJ, et al. **AJR** 1985 Jul;145(1):77-8

Improved detection of focal lesions with computerized tomographic examination of the liver using ethiodized oil emulsion (EOE-13) liver contrast. Sugarbaker PH, et al. **Cancer** 1984 Oct 15;54(8):1489-95

Computed tomographic demonstration of obstruction of the inferior vena cava caused by hepatocellular carcinoma. Abaskaron M, et al. **Comput Radiol** 1985 Jan-Feb;9(1):41-3

CT of hepatoma. Dilatation of the intrahepatic bile ducts and intraductal tumour growth. Nakamura H, et al. **Eur J Radiol** 1984 Nov;4(4):276-8

CT findings in hepatoblastoma. Amendola MA, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1105-9

Prolonged hepatic enhancement on computed tomography in a case of hepatic lymphoma. Bechtold RE, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):186-9

Dynamic computed tomography during arterial portography: the most sensitive examination for small hepatocellular carcinomas. Matsui O, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):19-24

Hepatic excretion of urographic contrast medium: use in delineating intrahepatic cholangiocarcinoma on scans delayed for 2 hours. Mitchell DG, et al. **J Comput Tomogr** 1985 Apr;9(2):173-5

Primary liver cancer, angiographic study of 127 cases. Chearanai O, et al. **J Med Assoc Thai** 1984 Sep;67(9):482-91

Interhepatic oily contrast material [letter] Kanematsu T, et al. **JAMA** 1984 Dec 14;252(22):3130

Inflammatory pseudotumor of the liver: a rare cause of obstructive jaundice and portal hypertension in a child. Heneghan MA, et al. **Pediatr Radiol** 1984;14(6):433-5

Intraarterial digital subtraction portography in patients with liver tumors. Itai Y, et al. **Radiat Med** 1984 Apr-Jun; 2(2):111-5

DSA in the diagnosis of liver disease. Dennett R. **Radiography** 1985 Jan-Feb;51(595):49-50

Hepatocellular carcinoma with skeletal metastasis. Golimbu C, et al. **Radiology** 1985 Mar;154(3):617-8

Hepatocellular carcinoma and metastatic cancer detected by iodized oil. Nakakuma K, et al. **Radiology** 1985 Jan; 154(1):15-7

Hepatocellular carcinoma detected by iodized oil. Use of anticancer agents. Ohishi H, et al. **Radiology** 1985 Jan; 154(1):25-9

Hepatocellular carcinoma detected by iodized oil. Yumoto Y, et al. **Radiology** 1985 Jan;154(1):19-24

Computed tomography of hepatic cavernous hemangioma. Chin WS. **Singapore Med J** 1984 Jun;25(3):168-72

[Computed tomography in the diagnosis of hepatic cavernous hemangioma with a report of 20 cases] Li ML. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):161-2 (Eng. Abstr.) **(Chi)**

[Focal liver disease in the CT image] Sehr A, et al. **Rozhl Chir** 1985 Jun;64(6):443-50 (Eng. Abstr.) **(Cze)**

[Contribution and current limitations of computed tomography in the diagnosis of cavernous hemangioma of the liver] Bruneton JN, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):35-9 (Eng. Abstr.) **(Fre)**

[Arterial DSA of liver masses] Arlart IP, et al. **Radiologe** 1985 Apr;25(4):177-82 (Eng. Abstr.) **(Ger)**

[Serial computed tomography. Value of densitometric measurements in the diagnosis of benign and malignant lesions of the liver, pancreas and kidney] Krahe T, et al. **ROFO** 1985 Jul;143(1):28-35 (Eng. Abstr.) **(Ger)**

[Computed tomography after administration of SMANCS-lipiodol to liver cancers] Maki S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1443-9 (Eng. Abstr.) **(Jpn)**

[Computed tomography of hemangioma of the liver: study on high-dose contrast enhancement CT] Dodo Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1374-82 (Eng. Abstr.) **(Jpn)**

[Hyperdensity liver tumor on plain CT] Hirota S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1508-12 (Eng. Abstr.) **(Jpn)**

[Differential diagnosis of small hepatic mass lesions by intra-arterial digital subtraction angiography of the time-density curves] Sako M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):539-41 (Eng. Abstr.) **(Jpn)**

[Differential diagnosis of hepatic tumors by computed tomography: significance of peripheral low density area] Muramatsu Y. **Nippon Shokakibyo Gakkai Zasshi** 1984 Jul; 81(7):1654 **(Jpn)**

[A case of minute hepatocellular carcinoma with calcification] Muramatsu Y, et al. **Rinsho Hoshasen** 1985 Jan;30(1):129-32 (Eng. Abstr.) **(Jpn)**

[A case of simultaneous triple cancer] Nakajima H, et al. **Rinsho Hoshasen** 1985 Apr;30(4):513-6 (Eng. Abstr.) **(Jpn)**

[CT detection of daughter nodules in hepatocellular carcinoma after lipiodol infusion via the hepatic artery] Ohishi H, et al. **Rinsho Hoshasen** 1985 Feb;30(2):263-8 (Eng. Abstr.) **(Jpn)**

[Angiographic opacification of a regenerating nodule in the cirrhotic liver as compared to small hepatoma] Sako M, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1411-4 (Eng. Abstr.) **(Jpn)**

[Interventional angiography of hepatocellular carcinoma by intraarterial digital subtraction angiography] Yashiro N, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1485-8 (Eng. Abstr.) **(Jpn)**

[Computerized tomography in the diagnosis of liver tumors using an intravenous contrast medium] Gabuniia RI, et al. **Sov Med** 1985;(4):33-8 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Scintigraphic diagnosis of hepatic hemangioma: its role in the management of hepatic mass lesions. Moinuddin M, et al. **AJR** 1985 Aug;145(2):223-8

Uptake of hepatobiliary agents by hepatocellular carcinoma [letter] Vincent LM, et al. **AJR** 1984 Nov;143(5):1119-21

The utility of SPECT for 99mTc-MAA hepatic arterial perfusion scintigraphy. Ziessman HA, et al. **AJR** 1985 Oct; 145(4):747-51

The specific diagnosis of hepatocellular carcinoma by scintigraphy. Multiple radiotracer approach. Lee VW, et al. **Cancer** 1985 Jul 1;56(1):25-36

False-positive liver scintigraphy secondary to posterior sulcus pulmonary neoplasm. Carollo BR, et al. **Clin Nucl Med** 1985 May;10(5):385-8

Cystic hypernephroma mimicking an hepatic mass. Eybalin MC, et al. **Clin Nucl Med** 1984 Nov;9(11):648-9

Indium-111 chloride for detecting suspected hepatomas in patients with focal defects on technetium-99m sulfur colloid liver imaging. Fawcett HD, et al. **Clin Nucl Med** 1985 Jun;10(6):410-2

Hepatobiliary scintigraphy and hepatic cavernous hemangioma. Lecklitner ML, et al. **Clin Nucl Med** 1985 Jun;10(6):406-9

Accumulation of Tc-99m methylene diphosphonate in calcified metastatic lesions of the liver from colonic carcinoma. Comparison with calcification on X-ray computed tomogram. Senda M, et al. **Clin Nucl Med** 1985 Jan;10(1):9-12

Concentration of 99mTc-Sn-N-pyridoxyl-5-methyltryptophan, a biliary agent, in distant metastases of hepatomas. Hasegawa Y, et al. **Eur J Nucl Med** 1985;10(5-6):255-8

Hepatic cavernous hemangioma: a potential pitfall during evaluation of gastrointestinal bleeding with 99mTc-labeled erythrocytes. Lecklitner ML. **Eur J Nucl Med** 1985; 10(3-4):178-80

The importance of delayed imaging in the study of hepatoma with a new hepatobiliary agent. Hasegawa Y, et al. **J Nucl Med** 1984 Oct;25(10):1122-6

Imaging of the hepatocellular carcinoma using dynamic positron emission tomography with nitrogen-13 ammonia. Hayashi N, et al. **J Nucl Med** 1985 Mar;26(3):254-7

What causes uptake of technetium-99m methylene diphosphonate by tumors? A case where the tumor appeared to secrete a hypercalcemia-causing substance. Stone CK. et al. **J Nucl Med** 1985 Mar;26(3):250-3

Value of liver scintigraphy in pretreatment staging and in follow-up of patients with malignant melanoma. Jönsson PE, et al. **J Surg Oncol** 1985 May;29(1):22-5

Imaging of hepatoma with 18F-fluorodeoxyglucose [letter] Paul R, et al. **Lancet** 1985 Jan 5;1(8419):50-1

Efficacy of liver scanning in malignant diseases. Harbert JC. **Semin Nucl Med** 1984 Oct;14(4):287-95 (61 ref.)

Distribution of arterial blood flow in human hepatic cancer during chemotherapy--examination by short-lived 81mKr. Sasaki Y, et al. **Surgery** 1985 Apr;97(4):409-14

[Clinical efficacy of SPECT (single photon emission computed tomography) for the detection of SOL (space occupying lesions) in the liver--evaluation by ROC analysis] Aburano T, et al. **Kaku Igaku** 1984 Nov; 21(11):1413-20 (Eng. Abstr.) **(Jpn)**

[Evaluation of single photon emission computed tomography for detecting liver tumors] Ichiya Y. **Kaku Igaku** 1984 Nov; 21(11):1445-61 (Eng. Abstr.) **(Jpn)**

[Cavernous hemangioma of the liver. Diagnostic value of 99mTc in vivo labelled RBCs angiography] Sugimura K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25; 45(4):641-9 (Eng. Abstr.) **(Jpn)**

[Tumor localization with radiolabeled antibodies and treatment of cancer with antiserum] Hirai H. **Radioisotopes** 1984 Jul;33(7):474-83 **(Jpn)**

[Detection of hepatocellular carcinoma by liver scintigraphy] Yoshida H, et al. **Radioisotopes** 1985 Jan;34(1):34-6 **(Jpn)**

[Clinical efficacy of single-photon computed tomography for the detection of space-occupying lesions in the liver] Aburano T, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1065-70 (Eng. Abstr.) **(Jpn)**

[SPECT and planar scintigram in the diagnosis of liver tumor] Machida K, et al. **Rinsho Hoshasen** 1984 Oct; 29(10):1053-8 (Eng. Abstr.) **(Jpn)**

[Scintigraphic evaluation of non-surgical therapy of hepatoma] Odano I, et al. **Rinsho Hoshasen** 1984 Dec; 29(13):1535-6 **(Jpn)**

[Evaluation of single photon emission computed tomography (SPECT) in detection of liver tumor] Yui N. **Rinsho Hoshasen** 1984 Oct;29(10):1071-6 (Eng. Abstr.) **(Jpn)**

[A method of gamma-topographic examination of the liver] Gundarev AI, et al. **Med Radiol (Mosk)** 1985 Apr; 30(4):49-50 **(Rus)**

RADIOTHERAPY

Malignant obstructive jaundice: treatment with external-beam and intracavitary radiotherapy. Johnson DW, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb; 11(2):411-6

CT scanning for radiation therapy treatment planning of hepatoma. Rostock RA, et al. **Int J Radiat Oncol Biol Phys** 1985 Jul;11(7):1413-8

[Radiotherapy of secondary liver cancers] Vigner H. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):83-5 (Eng. Abstr.) **(Fre)**

[Radiotherapy of malignant liver diseases] Wieland C, et al. **Strahlentherapie** 1985 Aug;161(8):492-7 (Eng. Abstr.) **(Ger)**

[The role of radiotherapy in the management of cancer of digestive organs: the liver, bile tract and pancreas] Odaka M, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):1067-71 (Eng. Abstr.) **(Jpn)**

[Radiotherapy of primary and metastatic liver tumors] Iashinskas PK. **Med Radiol (Mosk)** 1984 Dec;29(12):54-8 **(Rus)**

SECONDARY

Value of serum-5-nucleotidase, alkaline phosphatase and gamma-glutamyl transferase for prediction of liver metastases preoperatively in colorectal cancer. Jönsson PE, et al. **Acta Chir Scand** 1984;150(5):419-23

Hepatic metastasis 17 years following resection of low-grade leiomyosarcoma of the rectum. Hanada M, et al. **Acta Pathol Jpn** 1985 Jan;35(1):243-9

Unidentified liver metastases at ultrasonography or computed tomography. Suramo I, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):385-9

Psammoma bodies in malignant carcinoid tumor metastases [letter] Volpe R, et al. **Am J Clin Pathol** 1985 Mar;83(3):403

Merkel cell tumor with liver metastases: presentation as fulminant hepatic failure. Wang M, et al. **Am J Gastroenterol** 1985 May;80(5):376-80

Activation of ciliary body melanoma metastasis after abdominal surgery [letter] Leff SR, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):209

An investigation into the association between liver damage and metastatic uveal melanoma. Pascal SG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):448-53

The implanted pump in metastatic colorectal cancer of the liver. Risk versus benefit. Johnson LP, et al. **Am J Surg** 1985 May;149(5):595-8

Extrahepatic biliary obstruction caused by small-cell lung cancer. Johnson DH, et al. **Ann Intern Med** 1985 Apr; 102(4):487-90

Hepatic resection for metastatic colon and rectal cancer. An evaluation of preoperative and postoperative factors. Coppa GF, et al. **Ann Surg** 1985 Aug;202(2):203-8

Predicting tumor response in patients with colorectal hepatic metastases. Daly JM, et al. **Ann Surg** 1985 Sep; 202(3):384-93

Hodgkin's disease in the liver without splenic involvement. Gordon CD, et al. **Arch Intern Med** 1984 Nov; 144(11):2277-8

Metastatic uveal melanoma: diffuse hepatic metastasis in a patient with concurrent normal serum liver enzyme levels and liver scan [letter] Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):758

Metastatic uveal melanoma. Hepatic metastasis identified by hybridoma-secreted monoclonal antibody MAb8-1H. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun; 103(6):799-801

Metastatic uveal melanoma. Pretherapy serum liver enzyme and liver scan abnormalities. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):796-8

Simultaneous local recurrence of retroperitoneal paraganglioma with liver metastases. Aviram R, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):373-4

Bile duct adenoma [letter] Foucar E. **Arch Pathol Lab Med** 1985 Jul;109(7):590-1

Intravenous and hepatic arterial infusion of high dose mitomycin C with autologous bone marrow transplantation in patients with tumour metastatic to the liver. Corringham RE, et al. **Br J Cancer** 1984 Dec;50(6):841-2

Liver metastases from an occult breast carcinoma presenting as acute fulminant hepatic failure. Morrison WL, et al. **Br J Clin Pract** 1984 Jul-Aug;38(7-8):273-4

Factors affecting survival in patients presenting with synchronous hepatic metastases from colorectal cancer: a clinical and computer analysis. Finan PJ, et al. **Br J Surg** 1985 May;72(5):373-7

Deranged liver blood flow patterns in the detection of liver metastases. Leveson SH, et al. **Br J Surg** 1985 Feb; 72(2):128-30

Detection of liver metastases. A prospective study comparing liver enzymes, scintigraphy, ultrasonography and computed tomography. Schreve RH, et al. **Br J Surg** 1984 Dec;71(12):947-9

Laparoscopy or scanning in oesophageal and gastric carcinoma? Shandall A, et al. **Br J Surg** 1985 Jun; 72(6):449-51

Colorectal liver metastases—to treat or not to treat? Taylor I. **Br J Surg** 1985 Jul;72(7):511-6 (75 ref.)

Colorectal cancer: managing distant metastases. Langer B. **Can J Surg** 1985 Sep;[illegible](5):419-21

Absence of correlation between liver metastases and unexplained fever episodes. Aderka D, et al. **Cancer** 1985 Jun 15;55(12):2830-4

Efficacy of bone and liver scanning in breast cancer patients treated with adjuvant chemotherapy. Arnstein NB, et al.

Cancer 1984 Nov 15;54(10):2243-7

Lymphatic dissemination of hepatic metastases. Implications for the follow-up and treatment of patients with colorectal cancer. August DA, et al. **Cancer** 1985 Apr 1;55(7):1490-4

Experience with continuous regional chemotherapy and hepatic resection as treatment of hepatic metastases from colorectal primaries. A prospective randomized study. Kemeny MM, et al. **Cancer** 1985 Mar 15;55(6):1265-70

Hepatic metastasis in granulosa cell tumor of the ovary. Margolin KA, et al. **Cancer** 1985 Aug 1;56(3):691-5

Evaluation of treatment for gastric cancer with liver metastasis. Okuyama K, et al. **Cancer** 1985 May 15; 55(10):2498-505

Hepatic irradiation in the management of metastatic hormone-secreting tumors. Tochner ZA, et al. **Cancer** 1985 Jul 1;56(1):20-4

5'-Nucleotide phosphodiesterase isozyme-V as a marker for liver metastases in breast cancer patients. Tsou KC, et al. **Cancer** 1984 Nov 1;54(9):1788-93

Phase II study of hepatic artery infusion with 5-fluorouracil, adriamycin, and mitomycin C (FAM) in liver metastases from colorectal carcinoma. Wils J, et al. **Cancer Chemother Pharmacol** 1984;13(3):215-7

Atypical beta-hexosaminidase in sera of cancer patients with liver metastases. Alhadeff JA, et al. **Cancer Res** 1984 Nov; 44(11):5422-6

Adjuvant intrahepatic chemotherapy with mitomycin and 5-FU combined with hepatic irradiation in high-risk patients with carcinoma of the colon: a Southwest Oncology Group phase II pilot study. McCracken JD, et al. **Cancer Treat Rep** 1985 Jan;69(1):129-31

Hypertrichosis lanuginosa acquisita. Price ML, et al. **Clin Exp Dermatol** 1985 May;10(3):255-7

Liver metastasis from embryonal carcinoma of the ovary with complete situs inversus. First reported case and review of literature. Abdel-Dayem HM, et al. **Clin Nucl Med** 1984 Oct;9(10):558-60 (15 ref.)

Detection of metastatic liver disease with Tc-99m MAA during a thromboscintigram/lung scan. Sandler M, et al. **Clin Nucl Med** 1985 Feb;10(2):111

Oral urea in the treatment of colo-rectal liver metastases. Hooper TL, et al. **Clin Oncol** 1984 Dec;10(4):341-4

Long-term survivors of colorectal cancer with unresectable hepatic metastases. Fujimoto S, et al. **Dis Colon Rectum** 1985 Aug;28(8):588-91

The totally implantable infusion pump in treatment of metastatic colorectal cancer. Oliver GC, et al. **Dis Colon Rectum** 1985 Jan;28(1):18-23

A prospective study of continuous hepatic perfusion with implantable pump. Riether RD, et al. **Dis Colon Rectum** 1985 Jan;28(1):24-6

Reduced incidence of rat colon cancer metastases by perioperative immunostimulation with maleic anhydride-divinyl ether-2 (MVE-2). Weese JL, et al. **Dis Colon Rectum** 1985 Apr;28(4):217-21

The value of various forms of regional administration of cisplatin in the treatment of liver metastases in the rat. Verbeek PC, et al. **Eur J Cancer Clin Oncol** 1985 Mar; 21(3):325-32

Liver uptake of 99mTc-labeled diphosphonate (DPD) by metastatic lesions from large bowel carcinoma. Wasylewski AH, et al. **Eur J Nucl Med** 1985;10(9-10):467-8

Gastric leiomyoblastoma with metastases to the liver. A 36-year follow-up study. Van Steenbergen W, et al. **Gastroenterology** 1985 Oct;89(4):875-81

Splenic changes associated with liver secondaries. Chandrasekar TS, et al. **Indian J Cancer** 1984 May-Jun; 21(2):71-4

Enzyme profile in metastatic liver disease. Rusia U, et al. **Indian J Med Res** 1984 Sep;80:321-6

Radioimmunodetection of murine mammary adenocarcinoma (TA3/Ha) lung and liver metastases with radioiodinated PNA. Shysh A, et al. **Int J Cancer** 1985 Jan 15;35(1):113-9

The binding of ConA and other lectins to surface glycoproteins: a comparison of a subcutaneous tumour and its liver metastases. Chan WS, et al. **Invasion Metastasis** 1985;5(4):233-44

B16 melanoma metastases in mouse liver and lung. I. Localization. Dingemans KP, et al. **Invasion Metastasis** 1985;5(1):50-60

Antigenic heterogeneity of metastasizing and nonmetastasizing forms of hamster lymphosarcoma: comparison of primary tumor and spontaneous liver metastases. Shah SA, et al. **Invasion Metastasis** 1985; 5(5):245-54

Microvasculature architecture of small liver metastases in man. A correlation between microfil vascular preparations and histologic sections. Lin G, et al. **Invest Radiol** 1984 Jul-Aug;19(4):296-302

Correlation of sonographic patterns in liver metastases with histology and microangiography. Marchal G, et al. **Invest Radiol** 1985 Jan-Feb;20(1):79-84

Experimental comparison of EOE-13 and perfluoroctylbromide for the CT detection of hepatic metastases. Patronas N, et al. **Invest Radiol** 1984 Nov-Dec; 19(6):570-3

Selection of liver-colonizing tumor cells from a murine fibrosarcoma induced by methylcholanthrene. Edel G, et al. **J Cancer Res Clin Oncol** 1984;108(3):274-80

Biliary sclerosis in patients receiving hepatic arterial infusions of floxuridine. Hohn D, et al. **J Clin Oncol** 1985 Jan; 3(1):98-102

Hepatic artery ligation and portal vein infusion for liver metastases from colon cancer. Laufman LR, et al. **J Clin Oncol** 1984 Dec;2(12):1382-9

Therapy for metastatic colorectal cancer with hepatic artery infusion chemotherapy using a subcutaneous implanted pump. Shepard KV, et al. **J Clin Oncol** 1985 Feb;3(2):161-9

Delayed iodine scanning of the liver: a promising CT technique. Phillips VM, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):415-6

Computed tomography in radiation therapy treatment planning of hepatic metastases. Rostock RA, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):755-9

Percutaneous hepatic biopsy in suspected pancreatic carcinoma. Phillips VM, et al. **J Comput Tomogr** 1984 Oct; 8(4):307-10

Clinical experience with adriamycin and vincristine in the treatment of hepatic metastases. Tepmongkol P. **J Med Assoc Thai** 1984 Apr;67(4):231-6

Rationale for liver resection for metastatic colon carcinoma. Gardner B. **J Med Soc NJ** 1985 Apr;82(4):306-8

Metastatic medullary thyroid cancer: localization with iodine-131 metaiodobenzylguanidine. Sone T, et al. **J Nucl Med** 1985 Jun;26(6):604-8

Combined ultrasounds and CEA in preoperative assessment of hepatic metastases from gastrointestinal malignancies. Colizza S, et al. **J Surg Oncol** 1985 Mar;28(3):161-4

Long survival after ovarian and hepatic metastasis from carcinoma of the large bowel: report of a case. Herrera-Ornelas L, et al. **J Surg Oncol** 1984 Nov; 27(3):196-8

High incidence of liver metastasis in gastric cancer with medullary growth pattern. Kaibara N, et al. **J Surg Oncol** 1985 Mar;28(3):195-8

A complication of the implantable constant infusion chemotherapy pump. Pietrafitta JJ. **J Surg Oncol** 1984 Dec; 27(4):243-7

Sonographic patterns of pelvic and hepatic lesions in persistent trophoblastic disease. Woo JS, et al. **J Ultrasound Med** 1985 Apr;4(4):189-98

The clinicopathological features of metastatic superficial papillary bladder cancer. Matthews PN, et al. **J Urol** 1984 Nov;132(5):904-6

Physician tolerance for uncertainty. Use of liver-spleen scans to detect metastases. Allman RM, et al. **JAMA** 1985 Jul 12;254(2):246-8

Hemangiopericytoma metastatic to liver: sonographic appearance. Parker LA, et al. **JCU** 1985 Jun;13(5):347-9

Hepatectomy for metastatic liver tumor. Yamasaki S, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):121-31

Creatine kinase isoenzymes: biochemical findings after therapeutical embolization of the hepatic artery in two patients with liver metastasis of an islet cell carcinoma or a carcinoid tumor. SiragEldin E, et al. **Klin Wochenschr** 1985 Mar 15;63(6):257-61

Benign metastatic islet cell tumour of the pancreas. Lewis MA, et al. **Med Pediatr Oncol** 1985;13(2):97-100

External imaging techniques for quantitation of distribution of I-131 F(ab')2 fragments of monoclonal antibody in humans. Hammond ND, et al. **Med Phys** 1984 Nov-Dec; 11(6):778-83

Cytoreduction surgery for metastatic glucagonoma. A clinicopathologic study with special reference to the utility of immunocytochemistry and ultrastructure in diagnosis. Rader DL, et al. **Minn Med** 1984 Sep;67(9):483-5, 516

Treatment of hepatic metastases. Jones RB. **Mt Sinai J Med (NY)** 1985 Mar;52(3):176-80

Hepatic failure due to liver metastases in breast cancer. Razenberg PP, et al. **Neth J Med** 1985;28(7):295-8

Chemotherapy of metastatic islet cell carcinoma. Report of 4 cases and review of the literature. Vasen HF, et al. **Neth J Med** 1985;28(4):172-5

Dormant tumor cells in liver and brain. An autopsy study on metastasizing tumors. Noltenius C, et al. **Pathol Res Pract** 1985 Mar;179(4-5):504-11

Cholangitis complicating intraarterial chemotherapy in liver metastasis. Botet JF, et al. **Radiology** 1985 Aug;156(2):335-7

Hepatic metastases studied with MR and CT. Heiken JP, et al. **Radiology** 1985 Aug;156(2):423-7

Detection of hepatic metastases by proton spectroscopic imaging. Work in progress. Lee JK, et al. **Radiology** 1985 Aug;156(2):429-33

Anechoic halo in solid liver tumors: sonographic, microangiographic, and histologic correlation. Marchal GJ, et al. **Radiology** 1985 Aug;156(2):479-83

Iatrogenic sclerosing cholangitis following hepatic arterial chemotherapy infusion. Pien EH, et al. **Radiology** 1985 Aug;156(2):329-30

Hepatic resection for metastatic cancer. Jones RS. **Surg Annu** 1985;17:189-97 (17 ref.)

Natural history of colorectal carcinoma with untreated liver metastases. Arnaud JP, et al. **Surg Gastroenterol** 1984; 3(1):37-42

Unresectable hepatic metastases from carcinoma of the colon and rectum. Didolkar MS, et al. **Surg Gynecol Obstet** 1985 May;160(5):429-36

Incidence of hepatic metastases for various neoplasms in several strains of mice. Frith CH. **Toxicol Pathol** 1983; 11(2):120-8

Transvascular migration of L2C leukemic cells studied in the liver of the guinea pig. Azzarelli B, et al. **Virchows Arch [A]** 1985;406(4):425-40

The distribution of liver metastases from colonic cancer. A quantitative postmortem study. Schulz W, et al. **Virchows Arch [A]** 1985;406(3):279-84

Somatostatinoma--the most recently described pancreatic islet cell tumor. Reynolds C, et al. **West J Med** 1985 Mar; 142(3):393-7

Hepatic secondaries: minimal tumor and resectable tumor. Little JM. **World J Surg** 1984 Oct;8(5):753-6

Hepatic artery embolization for treatment of endocrine gastrointestinal tumors with liver metastases. Stöckmann F, et al. **Z Gastroenterol** 1984 Nov;22(11):652-60

[Sebaceous carcinoma with visceral metastasis] Faber JE, et al. **Ugeskr Laeger** 1985 May 6;147(19):1551 (Eng. Abstr.) **(Dan)**

[Monoclonal antibodies in the diagnosis and treatment of hepatic metastases of colo-rectal cancers] Chatal JF, et al. **Ann Chir** 1985 May;39(4):281-3 (Eng. Abstr.) **(Fre)**

[Hepatic metastases. Detection: methodology, application to biological assays] Huguier M, et al. **Ann Chir** 1985 May; 39(4):275-9 (Eng. Abstr.) **(Fre)**

[Prospective critical study of different methods of detecting hepatic metastases] Adloff M, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):31-4 **(Fre)**

[Contribution of intraoperative echography in hepatic metastases] Alexandre JH, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):27-9 (Eng. Abstr.) **(Fre)**

[Natural history of hepatic metastases. Morphological and physiopathological findings] Bedossa P, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):13-5 **(Fre)**

[Surgical treatment of hepatic metastases] Bismuth H, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):127-9 (Eng. Abstr.) **(Fre)**

[Tertiary hepatic metastases] Bourgeon R, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):17-9 **(Fre)**

[Secondary cancer of the liver: value and efficacy of laparoscopy] Buffet C. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):21-2 (Eng. Abstr.) **(Fre)**

[Value of peroperative ultrasonography in the surgery of hepatic metastases] Castaing D, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):131-3 (Eng. Abstr.) **(Fre)**

[Can histological diagnosis of hepatic metastases be made by fine needle? Apropos of 70 hepatic punctures guided by echography] Cornud F, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jan;21(1):23-5 (Eng. Abstr.) **(Fre)**

[Apropos of a case of renal oncocytoma with hepatic localization] Timbal Y, et al. **Ann Urol (Paris)** 1984 Dec; 18(6):415-7 (Eng. Abstr.) **(Fre)**

[Recurrent mesenchymoma of the peritoneum with hepatic metastasis in an 8-year-old child] Roth A. **Arch Anat Cytol Pathol** 1984;32(3):170-2 (Eng. Abstr.) **(Fre)**

[Comparative study between alkaline phosphatase and gamma-glutamyltranspeptidase in the diagnosis of hepatic metastases] Osanaga E, et al. **J Chir (Paris)** 1985 Jan; 122(1):17-20 (Eng. Abstr.) **(Fre)**

[Metastases of breast angiosarcoma. Apropos of 2 cases] Cauquil P, et al. **J Radiol** 1985 Apr;66(4):313-6 (Eng. Abstr.) **(Fre)**

[Comparative microangiographic and histological study of hepatic metastases. Possible implications in the phenomena of contrast medium uptake in x-ray computed tomography of the neoplastic liver] Tshibwabwa-Tumba E, et al. **J Radiol** 1984 Oct;65(10):665-72 (Eng. Abstr.) **(Fre)**

[Prevention of hepatic metastases in ocular melanoma (letter)] Sellami M, et al. **Presse Med** 1984 Oct 13;13(36):2211 **(Fre)**

[Intra-arterial chemotherapy using an implantable infusion pump in liver metastases of colorectal tumors and hepatomas] Balch CM, et al. **Chirurg** 1984 Aug; 55(8):485-93 **(Ger)**

[CEA elevation 16 months after the detection of liver metastases in colonic carcinoma [letter] Putzki H, et al. **Dtsch Med Wochenschr** 1985 Apr 4;110(14):562 **(Ger)**

[Surgical treatment of liver metastases of colorectal cancers] Scheele J, et al. **Fortschr Med** 1985 Jun 6;103(21):577-83 (Eng. Abstr.) **(Ger)**

[Successful removal of a liver metastasis 15 years after enucleation of a choroid melanoma] Gronemeyer U, et al. **Fortschr Ophthalmol** 1984;81(4):363-4 (Eng. Abstr.) **(Ger)**

[Current status of therapy of liver metastases of colorectal carcinoma] Ghussen F, et al. **Leber Magen Darm** 1985 Mar; 15(2):76-80 (44 ref.) (Eng. Abstr.) **(Ger)**

[Therapy-induced tumor regression. Morphological findings in malignant primary and secondary liver tumors following intensive regional cytostatic treatment] Fischer HP. **Pathologe** 1985 Jan;6(1):16-23 **(Ger)**

[Liver metastases. Cytohistologic studies] Schmitz-Moormann P, et al. **Pathologe** 1984 Oct;5(5):260-1 **(Ger)**

[Liver metastases. Cytologic studies in ultrasound-guided removal of fine needle puncture samples] Voeth C. **Pathologe** 1984 Oct;5(5):262-8 **(Ger)**

[Sonographic and computed tomographic diagnosis of liver metastases. A review] Wernecke K, et al. **Radiologe** 1985 Apr;25(4):141-51 (50 ref.) (Eng. Abstr.) **(Ger)**

[Angio-CT in the diagnosis of liver metastases of colorectal tumors] Kober B, et al. **Rontgenpraxis** 1984 Sep;37(9):330-3 (Ger)

[Relevance of serum aldolase for the detection of liver metastases of bronchial cancer--comparative enzymatic and endoscopy-autopsy studies] Schulz G, et al. **Z Erkr Atmungsorgane** 1985;164(2):155-61 (Eng. Abstr.) (Ger)

[Percutaneous catheter-embolization in carcinoid liver metastasis] Jermendy G, et al. **Orv Hetil** 1985 Jul 28; 126(30):1851-4 (Eng. Abstr.) (Hun)

[New possibilities in the treatment of hepatic metastasis of colo-rectal carcinomas] Hottenrott C, et al. **Minerva Chir** 1984 Nov 15;39(21):1495-7 (Eng. Abstr.) (Ita)

[Hematogenous metastasis in pancreatic cancer] Matsuno S, et al. **Gan No Rinsho** 1985 May;31(5):537-43 (Eng. Abstr.) (Jpn)

[A case of complete regression of gastric carcinoma and liver metastases by treatment with tegafur] Hirose S, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):957-9 (Eng. Abstr.) (Jpn)

[A long survival case of carcinoma of the colon with hepatic metastasis following intra-arterial infusion chemotherapy] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1681-5 (Eng. Abstr.) (Jpn)

[A case of the coexistence of renal cysts and renal cell carcinoma associated with direct invasion of the liver (stage IV)] Yamasaki Y, et al. **Hinyokika Kiyo** 1984 Jun; 30(6):817-28 (Eng. Abstr.) (Jpn)

[Clinical studies on effective treatment for gastric cancer patients with synchronous hepatic metastasis] Okuyama K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20; 19(4):763-9 (Eng. Abstr.) (Jpn)

[A clinical study of choriocarcinomas with liver metastases] Shiina Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2264-72 (Eng. Abstr.) (Jpn)

[A clinicopathological study on hematogenous recurrence of colo-rectal cancer--with special reference to prediction and prevention of the recurrence] Tabuchi Y, et al. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1359-69 (Eng. Abstr.) (Jpn)

[Glomus tumor of the small intestine with metastasis to the liver] Dasaev AN, et al. **Klin Med (Mosk)** 1985 Mar; 63(3):110-1 (Rus)

[Double-indicator radionuclide study of liver metastases] Dzhalmukhashev UK, et al. **Med Radiol (Mosk)** 1985 Jan; 30(1):13-5 (Eng. Abstr.) (Rus)

[Emission computed tomography in the diagnosis of focal liver diseases] Gabuniia RI, et al. **Med Radiol (Mosk)** 1985 May;30(5):57-61 (Eng. Abstr.) (Rus)

[Computed tomography in the diagnosis of metastases of colon cancer] Prorokov VV, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):19-21 (Eng. Abstr.) (Rus)

[Early diagnosis of specific lesions of the liver in lymphogranulomatosis] Demina EA. **Ter Arkh** 1984; 56(8):135-7 (Eng. Abstr.) (Rus)

[Value of indirect determination of leukemic infiltration of the liver based on clinical findings and findings in the bone marrow and peripheral blood in patients with chronic leukemia] Todorović M, et al. **Lijec Vjesn** 1984 Nov-Dec; 106(11-12):452-5 (Eng. Abstr.) (Scr)

[Biochemical changes in patients with liver metastases] Borrego Galán A, et al. **Rev Clin Esp** 1985 Apr; 176(6):292-5 (Eng. Abstr.) (Spa)

[Resection of hepatic metastasis of colorectal origin: personal experience] Camprodon R, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):241-8 (Eng. Abstr.) (Spa)

[Laparoscopic aspects of neuroblastoma localized in the liver] Herrerias JM, et al. **Rev Esp Enferm Apar Dig** 1984 Oct; 66(4):343-4 (Eng. Abstr.) (Spa)

[Diagnostic value of hepatic function tests in metastatic carcinoma of the liver] Ocaña Andrade E, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):81-5 (Eng. Abstr.) (Spa)

SECRETION

Role of carbohydrate in glycoprotein secretion by human hepatoma cells. Bauer HC, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):368-75

Three secretory rates in human hepatoma cells. Parent JB, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):44-50

Effects of sodium n-butyrate on alpha-fetoprotein and albumin secretion in the human hepatoma cell line PLC/PRF/5. Nakagawa T, et al. **Br J Cancer** 1985 Mar; 51(3):357-63

Induced secretion of a Mr 46,000 protein by cultured human hepatoma cells treated with tumor promoters. Yoneda Y, et al. **Cancer Res** 1985 May;45(5):2863-8

Angiotensinogen-producing hepatocellular carcinoma. Ueno N, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):931-3

Effect of tunicamycin and monensin on secretion of thyroxine-binding globulin by cultured human hepatoma (Hep G2) cells. Bartalena L, et al. **J Biol Chem** 1984 Nov 10;259(21):13610-4

Characterization of thyroxine-binding globulin secreted by a human hepatoma cell line. Murata Y, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):472-8

SURGERY

Successful pregnancy following partial hepatectomy for removal of hepatocellular adenomas. Barnes AD, et al. **Am J Obstet Gynecol** 1984 Dec 15;150(8):998

Hepatic resection for isolated metastasis from colorectal carcinoma. Petrelli NJ, et al. **Am J Surg** 1985 Feb; 149(2):205-9

Severe hypercalcaemia due to a parathyroid-type hormone-secreting tumour of the liver treated by hepatic transplantation. A rare combination of biochemical problems and discussion of their management. Sealey MM. **Anaesthesia** 1985 Feb;40(2):170-7

Hepatic resection of colorectal metastases. Influence of clinical factors and adjuvant intraperitoneal 5-fluorouracil via Tenckhoff catheter on survival. August DA, et al. **Ann Surg** 1985 Feb;201(2):210-8

Major hepatic resection for metachronous metastases from colon cancer. Cady B, et al. **Ann Surg** 1985 Feb; 201(2):204-9

One hundred hepatic resections. Indications and operative results. Nagao T, et al. **Ann Surg** 1985 Jul;202(1):42-9

Hepatic resection in the treatment of hepatocellular carcinoma: report of 60 cases. Nagasue N, et al. **Br J Surg** 1985 Apr;72(4):292-5

Segmental and subsegmental resections of the cirrhotic liver under hepatic inflow and outflow occlusion. Nagasue N, et al. **Br J Surg** 1985 Jul;72(7):565-8

Right hepatic lobectomy for primary and metastatic tumour: experience in a community teaching hospital. Keyserlingk JR, et al. **Can J Surg** 1985 Jan;28(1):86-90

Primary lymphoma of the liver treated with extended left hepatic lobectomy. Daniel SJ, et al. **Cancer** 1985 Jan 1; 55(1):206-9

Natural history of hepatocellular carcinoma and prognosis in relation to treatment. Study of 850 patients. Okuda K, et al. **Cancer** 1985 Aug 15;56(4):918-28

Hepatectomy for primary liver cancer in 114 cases. A follow-up study with long-term results. Li GC, et al. **Chin Med J [Engl]** 1985 May;98(5):377-83

Clinical experience with sublobar liver resections. Belli L, et al. **Ital J Surg Sci** 1984;14(4):295-9

Changing concepts: liver replacement for hereditary tyrosinemia and hepatoma. Starzl TE, et al. **J Pediatr** 1985 Apr;106(4):604-6 (9 ref.)

Successful surgical resection of an hepatic gastrinoma in a child. Smith AL, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):801-4

The advantages of hemodilution anesthesia for major liver resection in children. Schaller RT Jr, et al. **J Pediatr Surg** 1984 Dec;19(6):705-10

Our experience with resection of primary and secondary liver tumours. Manfredi D, et al. **J Surg Oncol** 1985 Apr; 28(4):284-9

Hepatic resection for primary liver malignancy. Kinami Y, et al. **Jpn J Surg** 1984 Nov;14(6):486-93

Intraoperative sonography: clinical usefulness in liver surgery. Igawa S, et al. **Radiology** 1985 Aug;156(2):473-8

Hepatic resection in cirrhotic patients. Van Landingham SB, et al. **South Med J** 1985 Aug;78(8):951-3

Intraoperative hepatic ultrasonography--an indispensable procedure in resection of small hepatocellular carcinomas. Sheu JC, et al. **Surgery** 1985 Jan;97(1):97-103

Clinical significance of intraoperative sonography on hepatectomy in primary carcinoma of the liver. Igawa S, et al. **World J Surg** 1984 Oct;8(5):772-7

Microwave surgery: hepatectomy using a microwave tissue coagulator. Tabuse K, et al. **World J Surg** 1985 Feb; 9(1):136-43

[Recurrent immature ovarian teratoma in the liver and lung--with an analysis of 11 cases] Lian LJ. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):732-4, 790 (Eng. Abstr.) (Chi)

[Hepatic lobectomy of 84 primary liver carcinomas] Cai QZ, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Mar;23(3):163, 191 (Eng. Abstr.) (Chi)

[Surgical treatment and long-term follow-up of primary malignant tumors of the liver in infancy and childhood] Han MT. **Chung Hua Wai Ko Tsa Chih** 1984 Sep; 22(9):532-4, 573 (Eng. Abstr.) (Chi)

[Resected hepatoblastoma in an adult woman] Mildeová E, et al. **Sb Lek** 1984 Jun;86(5-6):148-50 (Eng. Abstr.) (Cze)

[Peroperative echography in hepatobiliary surgery] Bismuth H, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep; 20(4):221-3 (Eng. Abstr.) (Fre)

[Surgical possibilities in the treatment of hepatic metastases] Guntz M, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar;21(2):67-72 (Eng. Abstr.) (Fre)

[Surgical resection of hepatic metastases of colonic and rectal cancers. Apropos of 49 cases] Huguet C, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):73-4 (Fre)

[Surgical treatment of hepatic metastases] Launois B, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):75-7 (Fre)

[Evaluation of the number of patients likely to require surgical treatment of hepatic metastases. Based on a series of 180 colorectal cancers] Zerbib M, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb-Mar; 21(2):63-6 (Eng. Abstr.) (Fre)

[Surgery for hepatocellular carcinoma. A new approach] Bismuth H, et al. **Chirurgie** 1984;110(5):509-16 (Eng. Abstr.) (Fre)

[Solid benign tumors of the liver. Apropos of 47 surgically treated cases] Marchal G, et al. **Chirurgie** 1984; 110(8-9):716-22 (Eng. Abstr.) (Fre)

[Surgical resection of hepatocellular carcinoma. Retrospective study of 42 cases] Huguet C, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):244-9 (Eng. Abstr.) (Fre)

[Current status of the surgical treatment of primary liver cancer in China] Wu ZD, et al. **Acta Acad Med Wuhan** 1985;5(2):65-70 (Ger)

[Liver resection in benign, malignant and parasitic liver diseases. Indication and risk] Bähr R. **Dtsch Med Wochenschr** 1984 Nov 9;109(45):1730-5 (28 ref.) (Ger)

[Which benign liver tumors present surgical indications and how do you assure the diagnosis preoperatively?] Altmann HW, et al. **Langenbecks Arch Chir** 1984;363(2):139-45 (Ger)

[Liver tumors and parasites] Bähr R. **Langenbecks Arch Chir** 1984;364:137-41 (Eng. Abstr.) (Ger)

[Lobectomy for hepatic malignancy] Hashmonai M, et al. **Harefuah** 1984 Jun 15;106(12):549-51 (Eng. Abstr.) (Heb)

[Surgery of primary liver tumors] Szécsény A. **Orv Hetil** 1985 May 5;126(18):1079-83 (Eng. Abstr.) (Hun)

[Surgical and immunological treatment protocol for primary cancer of the liver. Personal experience at the Viet-Duc Hospital, Hanoi, 1981] Silenzi S. **Minerva Med** 1985 May 31;76(22-23):1063-6 (Eng. Abstr.) (Ita)

[Anesthetic management and metabolic control of a patient with von Gierke's disease (glycogen storage disease type I) associated with hepatic adenoma] Saito Y, et al. **Masui** 1984 Dec;33(12):1395-9 (Eng. Abstr.) (Jpn)

[Occlusion (ligation) of a branch of the portal vein for carcinoma of the liver] Honjo I. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):878-81 (Eng. Abstr.) (Jpn)

[Successful resection of giant hepatocellular carcinoma with hypoglycemic attack] Kitazawa T, et al. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1591-6 (Eng. Abstr.) (Jpn)

[Nutritional management of patients with cirrhosis after hepatectomy] Usui S, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):985-9 (Eng. Abstr.) (Jpn)

[A case report of resected hepatocellular carcinoma after renal transplantation in a HBsAg positive patient] Suenaga M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):123-7 (Jpn)

[Diagnosis and surgical treatment of cavernous hemangioma of the liver] Gal'perin EI, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):61-4 (Eng. Abstr.) (Rus)

[Early complications of surgical treatment of tumors of the liver, biliary tract and pancreas] Nikhinson RA. **Khirurgiia (Mosk)** 1984 Jul;(7):105-9 (Rus)

[Resection of the left hepatic lobe for hemangioma] Shorluian PM, et al. **Klin Khir** 1985 May;(5):58 (Rus)

[Extracorporeal percutaneous transhepatic cholangiocholecystic shunting as a treatment method for patients with obstructive jaundice due to cancer of the hepatic portal] Skiba VV, et al. **Klin Khir** 1985 May; (5):36-8 (Eng. Abstr.) (Rus)

[Orthotopic hepatic transplant in a patient with hepatocarcinoma] Margarit C, et al. **Rev Esp Enferm Apar Dig** 1984 Sep;66(3):234-9 (Eng. Abstr.) (Spa)

THERAPY

Hepatic embolization from the common hepatic artery using balloon occlusion technique. Nakamura H, et al. **AJR** 1985 Jul;145(1):115-6

Gallbladder infarction after hepatic artery embolization. Takayasu K, et al. **AJR** 1985 Jan;144(1):135-8

Malignant rectal carcinoid: a sequential multidisciplinary approach for successful treatment of hepatic metastases. Azizkhan RG, et al. **Am J Surg** 1985 Feb;149(2):210-4

Therapeutic embolization of hemangiomas and hemangioendotheliomas of the liver in infants. A hemodynamics study. Mazoit JX, et al. **Ann Radiol (Paris)** 1985;28(3-4):283-8 (Eng, Fre)

A comparison between primary and secondary liver cancer. Little JM. **Aust NZ J Surg** 1984 Aug;54(4):341-3

Treatment of primary undifferentiated sarcoma of the liver with surgery and chemotherapy. Harris MB, et al. **Cancer** 1984 Dec 15;54(12):2859-62

Further experience with regional radiofrequency hyperthermia and cytotoxic chemotherapy for unresectable hepatic neoplasia. Moffat FL, et al. **Cancer** 1985 Mar 15; 55(6):1291-5

Clinical, serologic, and immunologic effects of human leukocyte interferon in HBsAg-positive primary hepatocellular carcinoma. Nair PV, et al. **Cancer** 1985 Sep 1;56(5):1018-22

Transcatheter arterial embolization for hepatocellular carcinoma. Benefits and limitations for unresectable cases with liver cirrhosis evaluated by comparison with other conservative treatments. Sato Y, et al. **Cancer** 1985 Jun 15;55(12):2822-5

Current status of treatment of hepatocellular carcinoma. Tang ZY. **Chin Med J [Engl]** 1985 Apr;98(4):257-64 (81 ref.)

Transcatheter arterial embolization of ruptured hepatocellular carcinoma associated with liver cirrhosis. Nouchi T, et al. **Dig Dis Sci** 1984 Dec;29(12):1137–41

Evaluation of conservative therapeutic modalities for hepatocellular carcinoma––analysis of 206 cases. Ando K. **Gastroenterol Jpn** 1984 Oct;19(5):436–46

An animal model of occlusion–hyperthermia of the liver. Boddie AW Jr, et al. **Invest Radiol** 1985 Mar–Apr; 20(2):159–65

Thirty years of experience with pediatric primary malignant liver tumors. Giacomantonio M, et al. **J Pediatr Surg** 1984 Oct;19(5):523–6

Embolisation of a massively bleeding hepatoma. A delayed sequel to needle biopsy. Templeton JL, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):128–9

Embolization of the liver in the management of metastatic carcinoid tumors. Mårtensson H, et al. **J Surg Oncol** 1984 Nov;27(3):152–8

A technique for isolated hyperthermic liver perfusion. Quebbeman EJ, et al. **J Surg Oncol** 1984 Nov;27(3):141–5

Serial changes in sonographic appearance after transcatheter hepatic arterial embolization. Onodera H, et al. **J Ultrasound Med** 1985 Aug;4(8):401–4

Massive hemangioma in infants: therapeutic considerations. Weber TR, et al. **J Vasc Surg** 1984 May;1(3):423–8

Comparative study of therapeutic effects of transcatheter arterial embolization and of intra–arterial one shot injection therapy against hepatocellular carcinoma. Yamamoto S, et al. **Jpn J Med** 1985 Feb;24(1):83–4

Therapeutic embolisation of the hepatic artery: a review of 75 procedures. Allison DJ, et al. **Lancet** 1985 Mar 16; 1(8429):595–9

Sclerosing hepatic carcinoma: a report of a case treated with a transcatheter arterial embolization. Ohtomo K, et al. **Radiat Med** 1984 Apr–Jun;2(2):104–7

Diffuse hepatic hemangiomas: percutaneous transcatheter embolization with detachable silicone balloons. Burrows PE, et al. **Radiology** 1985 Jul;156(1):85–8

Bile duct necrosis: complication of transcatheter hepatic arterial embolization. Makuuchi M, et al. **Radiology** 1985 Aug;156(2):331–4

Selective hepatic angiography using a balloon catheter guide. Sawada S. **Radiology** 1985 Aug;156(2):545–6

Posttranscatheter embolization computed tomography in hepatocellular carcinoma. Evaluation of embolization effects. Yasumori K, et al. **ROFO** 1984 Dec;141(6):649–53

[Embolization of hepatic metastases] Musset D, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Feb–Mar; 21(2):79–81 (Eng. Abstr.) **(Fre)**

[Possibilities for surgical excision of diffuse hepatoblastomas. Contribution and limitations of chemotherapy] Vergnes P, et al. **Chir Pediatr** 1985;26(1):17–21 (Eng. Abstr.) **(Fre)**

[Embolization of the hepatic artery in primary hepatocellular carcinoma] Shichijo Y, et al. **ROFO** 1985 Jul;143(1):63–8 (Eng. Abstr.) **(Ger)**

[Treatment of small liver cancer] Hamazaki K, et al. **Gan No Rinsho** 1985 May;31(5):511–7 (Eng. Abstr.) **(Jpn)**

[Retrospective study of short survival cases in hepatocellular carcinoma after transcatheter arterial embolization therapy] Suyama Y, et al. **Gan No Rinsho** 1985 Apr;31(4):387–93 (Eng. Abstr.) **(Jpn)**

[Phase II studies of interferon alpha–2 Sch 30500 in advanced gastrointestinal carcinoma] Furue H. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1625–9 (Eng. Abstr.) **(Jpn)**

[Preoperative chemo–embolization for treatment of hepatocellular carcinoma] Okamura J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1019–24 (Eng. Abstr.) **(Jpn)**

[Ferromagnetic microembolization in the treatment of metastatic tumors of the liver––the therapeutic effect on the daughter nodules of hepatomas] Yuri H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):50–63 (Eng. Abstr.) **(Jpn)**

[Hepatectomy after transcatheter arterial embolization (TAE) for hepatocellular carcinomas] Hiroshashi K, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):555–65 (Eng. Abstr.) **(Jpn)**

[Intra–arterial infusion chemotherapy of cancer of the liver, biliary tract and pancreas with or without hyperthermia] Miura T. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):1147–50 (Eng. Abstr.) **(Jpn)**

[Portal vein embolization for hepatoma with lipiodol–fibrin adhesive mixture] Matsuoka T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1411–3 (Eng. Abstr.) **(Jpn)**

[Acute gastric lesions following transcatheter arterial embolization of hepatic malignancies] Tsuchigame T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1501–7 (Eng. Abstr.) **(Jpn)**

[Intratumoral injection of OK–432 with contrast medium by ultrasonically guided puncture for hepatoma] Yasuda H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):992–4 (Eng. Abstr.) **(Jpn)**

[Follow–up study of 66 cases with metastatic liver cancer treated with the Maruyama vaccine––conditions for their survival] Iwaki H, et al. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):762–7 **(Jpn)**

[Symposium on treatment of cancer. 6. Comparative study of therapeutic effects of transcatheter arterial embolization and of intra–arterial one shot injection therapy against hepatocellular carcinoma] Yamamoto S, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1612–5 **(Jpn)**

[Clinical effects of local hyperthermia in patients with advanced hepatocellular carcinoma] Fukuda Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):336 **(Jpn)**

[Transcatheter splenic arterial embolization (TSAE) in patients with hypersplenism: clinical evaluation of adjuvant therapy for hepatocellular carcinoma and liver cirrhosis] Hirai K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec; 81(12):2960–6 (Eng. Abstr.) **(Jpn)**

[Indication of transcatheter arterial embolization in hepatocellular carcinoma with liver cirrhosis evaluated from the liver function tests] Nakao N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1995–9 (Eng. Abstr.) **(Jpn)**

[Measurement of the change of the portal blood flow volume after TAE therapy by ultrasonic pulsed Doppler method] Ueno N, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):136 **(Jpn)**

[Therapeutic effect of transarterial embolization on daughter nodules of hepatocellular carcinoma] Yoshioka T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):459–66 (Eng. Abstr.) **(Jpn)**

[Ultrasonographic study of gas formation after transcatheter arterial embolization of primary liver cancer] Fukushima K, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1495–7 (Eng. Abstr.) **(Jpn)**

[Occlusion of the gastroduodenal artery for hepatic artery embolization] Kodera K, et al. **Rinsho Hoshasen** 1984 Aug; 29(8):859–62 (Eng. Abstr.) **(Jpn)**

[Hepatic artery embolization using balloon catheters] Nakamura H, et al. **Rinsho Hoshasen** 1985 Apr;30(4):469–73 (Eng. Abstr.) **(Jpn)**

[Evaluation of the methods of treatment of children with liver neoplasms] Czerwiński W. **Probl Med Wieku Rozwoj** 1984;13:117–33 (Eng. Abstr.) **(Pol)**

[Hepatic artery embolization as a palliative treatment for malignant hepatic tumors: presentation of our experience] Miguelena Bobadilla JM, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):45–9 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Ultrastructural study of hepatocellular carcinoma with replacing growth pattern. Sugihara S, et al. **Acta Pathol Jpn** 1985 May;35(3):549–59

Nucleolar changes during the first steps of experimental hepatocarcinogenesis in rats. Deleener A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):151–7

Immunoelectron microscopic localization of acidic intracellular compartments in hepatoma cells. Schwartz AL, et al. **EMBO J** 1985 Apr;4(4):809–904

Fibrolamellar hepatocellular carcinoma. An immunohistochemical and ultrastructural study. Caballero T, et al. **Histopathology** 1985 Apr;9(4):445–56

Variability in transport rates of secretory glycoproteins through the endoplasmic reticulum and Golgi in human hepatoma cells. Yeo KT, et al. **J Biol Chem** 1985 Jul 5; 260(13):7896–902

Undifferentiated (embryonal) liver sarcoma of childhood: evidence of leiomyoblastic differentiation. Gonzalez–Crussi F. **Pediatr Pathol** 1983 Jul–Sep;1(3):281–90

Hepatic teratomas in children. Witte DP, et al. **Pediatr Pathol** 1983 Jan–Mar;1(1):81–92

[Ultrastructural study of minimum hepatocarcinoma] Chen BG. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):346–8 (Eng. Abstr.) **(Chi)**

[Ultrastructural study of primary hepatocellular carcinoma––hepatoma grading approach] Wang WL. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):194–6 (Eng. Abstr.) **(Chi)**

VETERINARY

Hepatoma in two pygmy possums (cercartetus concinnus). Hopkins D, et al. **Aust Vet J** 1984 Aug;61(8):265

Hepatocellular carcinoma in a goat. Rousseaux CG. **Aust Vet J** 1984 Jun;61(6):193

A case of liposarcoma in the liver of a dog. Sundararaj A, et al. **Indian J Cancer** 1984 May–Jun;21(2):85–7

Hypoglycemia associated with nonislet cell tumor in 13 dogs. Leifer CE, et al. **J Am Vet Med Assoc** 1985 Jan 1; 186(1):53–5

A malignant liver cell tumour in a king snake (Lampropeltis getulus). Majeed S, et al. **J Comp Pathol** 1985 Jan; 95(1):127–9

Toxic chemicals in marine sediment and biota from Mukilteo, Washington: relationships with hepatic neoplasms and other hepatic lesions in English sole (Parophrys vetulus). Malins DC, et al. **JNCI** 1985 Feb;74(2):487–94

Nephroblastoma with liver and lung metastases in an adult dog. Nakayama H, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):897–900

Hepatic neoplasia. Magne ML, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jan; 15(1):243–56

Spontaneous malignant hemangioendothelioma in two rabbits. Pletcher JM, et al. **Vet Pathol** 1984 Sep;21(5):542–4

Chronic hepatitis and hepatocellular carcinoma associated with persistent woodchuck hepatitis virus infection. Roth L, et al. **Vet Pathol** 1985 Jul;22(4):338–43

Primary hepatoma in a woodchuck (Marmota monax) without serologic evidence of woodchuck hepatitis virus infection. Roth L, et al. **Vet Pathol** 1984 Nov;21(6):607–8

Primary hepatic fibrosarcoma in a Toggenburg goat. Higgins RJ, et al. **Vet Rec** 1985 Apr 20;116(16):444

[Electron microscopic observation on virus–like particles in duck liver cancer cells from high incidence area of human hepatocellular carcinoma] Wang YY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):8–11 (Eng. Abstr.) **(Chi)**

LIVER NEOPLASMS, EXPERIMENTAL

ANALYSIS

Comparison of non–histone proteins from hamster Kirkman–Robbins hepatoma and liver. Kiliańska Z, et al. **Acta Biochim Pol** 1985;32(2):95–100

Immunochemical analysis of the membrane proteins of rat liver and Zajdela hepatoma mitochondria. Nelson BD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):24–30

Characterization of a protein kinase–substrate complex precipitable with Ca2+ from the cytosol fraction of AH–66 hepatoma cells. Nakajo S, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):251–7

Effect of sodium butyrate on alpha–fetoprotein gene expression in rat hepatoma cells in vitro. Cook JR, et al. **Cancer Res** 1985 Jul;45(7):3215–9

Alterations in the expression of a hepatocyte cell adhesion molecule by transplantable rat hepatocellular carcinomas. Hixson DC, et al. **Cancer Res** 1985 Aug;45(8):3742–9

Homology between rat liver RNA populations during development, regeneration, and neoplasia. Petropoulos CJ, et al. **Cancer Res** 1985 Oct;45(10):5114–21

Characterization of monoclonal antibodies to novikoff hepatoma cytokeratin antigen p39. Schmidt WN, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5867–79

Differential expression of intermediate filament proteins in two rat ascites hepatoma lines of common origin. Kinjo M, et al. **Carcinogenesis** 1984 Oct;5(10):1249–55

Differentiated genotoxic response of carcinogenic and non–carcinogenic benzacridines and metabolites in rat hepatoma cells. Loquet C, et al. **Carcinogenesis** 1985 Mar; 6(3):455–7

Alterations in nonhistone chromatin proteins during hepatocarcinogenesis induced by diverse acting carcinogens. Ramagli LS, et al. **Carcinogenesis** 1985 Mar; 6(3):367–75

Cell specificity of rat cytokeratin p39 during azo dye–induced hepatocarcinogenesis. Schmidt WN, et al. **Carcinogenesis** 1985 Aug;6(8):1147–53

Specificity of Kirkman–Robbins hepatoma non–histone chromatin proteins: electrophoretic and immunological analyses. Krajewska WM, et al. **Cell Biochem Funct** 1985 Jan;3(1):53–60

Modifications of the expression of liver–specific and non–specific messenger RNAs during azo–dye hepatocarcinogenesis. Lamas E, et al. **Eur J Biochem** 1985 Jul 15;150(2):395–9

Purification of liver and hepatoma membrane proteins by high–performance liquid chromatography. Josić D, et al. **FEBS Lett** 1985 Jun 3;185(1):182–6

Increased content of natural ATPase inhibitor in tumor mitochondria. Luciaková K, et al. **FEBS Lett** 1984 Nov 5;177(1):85–8

A new type of blood group B active glycosphingolipid in rat bone marrow cells. Occurrence of the glycolipid in rat immunocytes and ascites hepatoma. Taki T, et al. **J Biol Chem** 1985 May 25;260(10):6219–25

Heterotypic tetramer (A2D2) complexes of non–epidermal keratins isolated from cytoskeletons of rat hepatocytes and hepatoma cells. Quinlan RA, et al. **J Mol Biol** 1984 Sep 15;178(2):365–88

Distribution of the H1 histone subfractions in Syrian hamster chromatin fractions. Modrzejewska H, et al. **Z Naturforsch [C]** 1984 Sep–Oct;39(9–10):958–61

[Comparative analysis of the glycopeptides in normal liver cells and in Zajdela ascitic hepatoma cells in the rat] Chaumeton B, et al. **C R Acad Sci [III]** 1984;299(18):715–8 (Eng. Abstr.) **(Fre)**

BLOOD

Changes in the cell membrane of erythrocytes in tumor–bearing rats. Fujii T, et al. **Cell Struct Funct** 1984 Dec;9(4):407–10

Regulation of lactate production and utilization in rat tumors in vivo. Sauer LA, et al. **J Biol Chem** 1985 Jun 25; 260(12):7496–501

Effect of KCD–232, a new hypolipidemic agent, on serum lipoprotein changes in hepatoma–bearing rats. Irikura T, et al. **Lipids** 1985 Jul;20(7):420–4

Plasma oncomodulin is proportional to tumour burden in rats bearing Morris hepatomas 5123D, 5123tc, 7288 and 7777. MacManus JP. **Tumour Biol** 1984;5(3–4):189–97

BLOOD SUPPLY

Three–dimensional observations by scanning electron microscopy on the blood supply and organization of vasculature during hepatocarcinogenesis in rats. Tsuda H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):957-70

Influence of a prostaglandin synthesis inhibitor and of thrombocytopenia on tumor blood flow and tumor vascular permeability. Experimental studies in the rat. Peterson HI, et al. **Anticancer Res** 1985 May-Jun;5(3):253-7

Microcirculation of hepatic nodules from diethylnitrosamine-treated rats. Conway JG, et al. **Cancer Res** 1985 Aug;45(8):3620-5

Blood supply of experimental liver tumors after intraarterial embolization with gelfoam powder and absolute ethanol. Ekelund L, et al. **Cardiovasc Intervent Radiol** 1984; 7(5):234-9

[Enhancement of vascular level in tumors under angiotensin-induced hypertension] Hori K, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1323-30 (Eng. Abstr.) **(Jpn)**

[Functional characterization of microcirculation in tumors: chemotherapeutic implications] Suzuki M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):751-6 (Eng. Abstr.) **(Jpn)**

CHEMICALLY INDUCED

Effects of carbon tetrachloride and azathioprine on diethylnitrosamine and N-2-fluorenylacetamide-induced hyperplastic liver nodule and hepatocellular carcinoma. Sakata T. **Acta Med Okayama** 1984 Dec;38(6):511-24

Membrane enzyme cytochemical changes in the hepatocytes of diethylnitrosamine induced hepatomas. Krustev LP, et al. **Arch Geschwulstforsch** 1985;55(2):99-105

Studies in vivo to investigate the status of 4-N-pyrrolidinylazobenzene as a pure cancer initiating agent to the rat liver. Ashby J, et al. **Cancer Lett** 1985 May;27(1):115-22

Effect of phenobarbital on the gamma-glutamyltranspeptidase activity and the remodeling of nodules induced by the initiation-selection model. Herren-Freund SL, et al. **Cancer Lett** 1985 Jun; 27(2):153-61

Comparison of liver tumor frequencies after intermittent oral administration of different doses of N-nitrosopyrrolidine in Sprague-Dawley rats. Hoos A, et al. **Cancer Lett** 1985 Feb;26(1):77-82

Enhancement of phenotypic instability by alpha-difluoromethylornithine and butylated hydroxyanisole in rapidly induced rat liver lesions. Moore MA, et al. **Cancer Lett** 1984 Dec;25(2):145-51

Stage dependent enhanced induction of hepatocellular carcinomas in rats administered a second dose of diethylnitrosamine. Yokoyama S, et al. **Cancer Lett** 1985 Mar;26(2):171-6

Tumor-initiating activity of the beta-blocker ZAMI 1305 in the liver of the female Wistar rat. Zavanella T, et al. **Cancer Lett** 1984 Nov;25(1):1-11

Kinetics of diethylnitrosamine hepatocarcinogenesis in the infant mouse [letter] Goldfarb S, et al. **Cancer Res** 1985 Feb;45(2):909-12

Initiation and selection of resistant hepatocyte nodules in rats given the pyrrolizidine alkaloids lasiocarpine and senecionine. Hayes MA, et al. **Cancer Res** 1985 Aug; 45(8):3726-34

Effects of a high-sucrose diet on the development of enzyme-altered foci in chemical hepatocarcinogenesis in rats. Hei TK, et al. **Cancer Res** 1985 Jun;45(6):2700-5

Carcinogenesis by nonmutagenic chemicals: early response of rat liver cells induced by methapyrilene. Iype PT, et al. **Cancer Res** 1985 May;45(5):2184-91

Influence of dietary tryptophan on the induction of gamma-glutamyltranspeptidase-positive foci in the livers of rats treated with hepatocarcinogen. Sidransky H, et al. **Cancer Res** 1985 Oct;45(10):4844-7

Fetal mouse susceptibility to transplacental lung and liver carcinogenesis by 3-methylcholanthrene: positive correlation with responsiveness to inducers of aromatic hydrocarbon metabolism. Anderson LM, et al. **Carcinogenesis** 1985 Sep;6(9):1389-93

Use of an in vivo/in vitro rat liver DNA repair assay to predict the relative rodent hepatocarcinogenic potency of 3 new azo mutagens. Beije B, et al. **Carcinogenesis** 1985 Apr;6(4):611-5

Streptozotocin-induced liver tumors in the Syrian hamster. Bell RH Jr, et al. **Carcinogenesis** 1984 Oct;5(10):1235-8

On mechanisms of sex differences in chemical carcinogenesis: effects of implantation of ectopic pituitary grafts on the early stages of liver carcinogenesis in the rat. Blanck A, et al. **Carcinogenesis** 1984 Oct;5(10):1257-62

5-azacytidine potentiates initiation induced by carcinogens in rat liver. Denda A, et al. **Carcinogenesis** 1985 Jan; 6(1):145-6

Promoting effects of 1,4-bis[2-(3,5-dichloropyridyloxy)]benzene in mouse hepatocarcinogenesis. Dragani TA, et al. **Carcinogenesis** 1985 Feb;6(2):225-8

Induction of gamma-glutamyl transpeptidase in primary cultures of normal rat hepatocytes by liver tumor promoters and structurally related compounds. Edwards AM, et al. **Carcinogenesis** 1985 May;6(5):733-9

The quantitative analysis and stability of histochemical markers of altered hepatic foci in rat liver following initiation by diethylnitrosamine administration and promotion with phenobarbital. Goldsworthy TL, et al. **Carcinogenesis** 1985 Sep;6(9):1261-9

Dose-response studies on promoting and anticarcinogenic effects of phenobarbital and DDT in the rat hepatocarcinogenesis. Kitagawa T, et al. **Carcinogenesis** 1984 Dec;5(12):1653-6

Syncarcinogenic effects on the initiation of rat liver tumors by trans-4-acetylaminostilbene and 2-acetylaminofluorene. Kuchlbauer J, et al. **Carcinogenesis** 1985 Sep;6(9):1337-42

The rat liver foci bioassay: I. Age-dependence of induction by vinyl chloride of ATPase-deficient foci. Laib RJ, et al. **Carcinogenesis** 1985 Jan;6(1):65-8

The rat liver foci bioassay: II. Investigations on the dose-dependent induction of ATPase-deficient foci by vinyl chloride at very low doses. Laib RJ, et al. **Carcinogenesis** 1985 Jan;6(1):69-72

Effects of the hepatocarcinogenic peroxisome-proliferating hypolipidemic agents clofibrate and nafenopin on the rat liver cell membrane enzymes gamma-glutamyltranspeptidase and alkaline phosphatase and on the early stages of liver carcinogenesis. Numoto S, et al. **Carcinogenesis** 1984 Dec;5(12):1603-11

Effect of subsequent treatment of chloroform or phenobarbital on the incidence of liver and lung tumors initiated by ethylnitrosourea in 15 day old mice. Pereira MA, et al. **Carcinogenesis** 1985 Feb;6(2):203-7

Lack of hepatic promotional activity by the peroxisomal proliferating hepatocarcinogen di(2-ethylhexyl)phthalate. Popp JA, et al. **Carcinogenesis** 1985 Jan;6(1):141-4

Differential repair of O4-alkylthymidine following exposure to methylating and ethylating hepatocarcinogens. Richardson FC, et al. **Carcinogenesis** 1985 Apr;6(4):625-9

Formation of O6-methylguanine in rat liver DNA by nitrosamines does not predict initiation of preneoplastic foci. Silinskas KC, et al. **Carcinogenesis** 1985 May; 6(5):773-5

Effect of chronic phenobarbital administration on the gamma-glutamyl transpeptidase activity of hyperplastic liver lesions induced in rats by the Solt/Farber initiation: selection process of hepatocarcinogenesis. Sirica AE, et al. **Carcinogenesis** 1984 Dec;5(12):1737-40

Hepatocarcinogenicity of hexachlorobenzene in rats and the sex difference in hepatic iron status and development of porphyria. Smith AG, et al. **Carcinogenesis** 1985 Apr; 6(4):631-6

Promotion of mouse liver neoplasms by the organochlorine pesticides chlordane and heptachlor in comparison to dichlorodiphenyltrichloroethane. Williams GM, et al. **Carcinogenesis** 1984 Dec;5(12):1689-96

4-Dimethylaminoazobenzenes: carcinogenicities and reductive cleavage by microsomal azo reductase. Lambooy JP, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):107-20

Polychlorinated biphenyl induction of hepatocellular carcinoma in the Sprague-Dawley rat. Norback DH, et al. **Environ Health Perspect** 1985 May;60:97-105

Effects of PCBs and related compounds on hepatocarcinogenesis in rats and mice. Sleight S. **Environ Health Perspect** 1985 May;60:35-9 (50 ref.)

Deviations in ornithine-related metabolism during hexachlorocyclohexane-induced hepatocarcinogenesis in mice: evidence for conversion of glutamate to ornithine. Munir KM, et al. **Environ Res** 1984 Oct;35(1):180-7

Comparative hepatocarcinogenicity of aflatoxins B1 and M1 in the rat [letter] Hsieh DP, et al. **Food Chem Toxicol** 1984 Dec;22(12):1027-8

The effects of selenium on the emergence of aflatoxin B1-induced enzyme-altered foci in rat liver. Milks MM, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):320-6

Suppressive effect of caffeine on the development of hepatic tumors induced by 2-acetylaminofluorene in ACI rats. Hosaka S, et al. **Gann** 1984 Dec;75(12):1058-61

Dietary carbohydrate level as a modifying factor of 3'-methyl-4-dimethylaminoazobenzene liver carcinogenesis in rats. Sato A, et al. **Gann** 1984 Aug; 75(8):665-71

Different responses to phenobarbital promotion in the development of gamma-glutamyltranspeptidase-positive foci in the liver of rats initiated with diethylnitrosamine, N-hydroxy-2-acetyl-aminofluorene and aflatoxin B1. Shirai T, et al. **Gann** 1985 Jan;76(1):16-9

Inhibition by dietary organoselenium, p-methoxybenzene-selenol, of hepatocarcinogenesis induced by azoxymethane in rats. Tanaka T, et al. **Gann** 1985 Jun;76(6):462-7

Promotive effect of primary and secondary bile acids on the induction of gamma-glutamyl transpeptidase-positive liver cell foci as a possible endogenous factor for hepatocarcinogenesis in rats. Tsuda H, et al. **Gann** 1984 Oct;75(10):871-5

Suppressive effect of cupric acetate on DNA alkylation, DNA synthesis and tumorigenesis in the liver of dimethylnitrosamine-treated rats. Yamane Y, et al. **Gann** 1984 Dec;75(12):1062-9

Promotion of hepatocarcinogenesis in vivo and in vitro. Kitagawa T, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:337-48

Stunted growth, increased mortality, and liver tumors in offspring of polybrominated biphenyl (PBB) dosed sherman rats. Groce DF, et al. **J Toxicol Environ Health** 1984; 14(5-6):695-706

Comparative tumor-promoting activities of phenobarbital, amobarbital, barbital sodium, and barbituric acid on livers and other organs of male F344/NCr rats following initiation with N-nitrosodiethylamine. Diwan BA, et al. **JNCI** 1985 Feb;74(2):509-16

Occurrence of a terminal deoxynucleotidyl transferase-like activity in N-2-fluorenylacetamide-treated rat liver. Yoshida S, et al. **Nagoya J Med Sci** 1985 Jan;47(1-2):43-9

Target polypeptide of a carcinogen is associated with normal mitosis and carcinogen-induced hyperplasias in adult hepatocytes. Custer RP, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6738-42

Characterization of dimethylnitrosamine-induced focal and nodular lesions in the livers of newborn mice. Cater KC, et al. **Toxicol Pathol** 1985;13(1):3-9

Comparison of different models of rat liver carcinogenesis: conclusions from a systemic analysis. de Gerlache J, et al. **Toxicol Pathol** 1984;12(4):374-82

Chemical carcinogenesis: hepatocyte nodules with a special phenotype as a common step at the crossroads. Farber E, et al. **Toxicol Pathol** 1984;12(3):288-90

Serum and hepatic enzyme activity in rats treated with diethylnitrosamine. Giuliani ER, et al. **Toxicol Pathol** 1983; 11(1):23-7

Potency of carcinogens derived from covalent DNA binding and stimulation of DNA synthesis in rat liver. Lutz WK, et al. **Toxicol Pathol** 1984;12(1):106-11

Increased incidence of hepatic foci and nodules in rats given one or two doses of 1,2-dibromoethane. Moslen MT. **Toxicol Pathol** 1984;12(4):307-14

How relevant are mice hepatomas to human risk? [editorial] Newberne PM. **Toxicol Pathol** 1983;11(2):113-4

Thyroid and chemical hepatocarcinogenesis: further insights from the hepatocarcinogen ZAMI 1305. Presta M, et al. **Toxicol Pathol** 1984;12(1):49-55

Relevance of mouse liver hepatoma to human carcinogenic risk [letter] Rogers AE, et al. **Toxicol Pathol** 1983;11(2):208

[Comparative systemic analysis of experimental models of chemical hepatic carcinogenesis in the rat] Lans M, et al. **C R Soc Biol (Paris)** 1984;178(4):397-407 (Eng. Abstr.) **(Fre)**

[Immunosuppressive effect and promotor activity for hepatic carcinogenesis of thiobenzamide] Pasquinelli P, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):61-6 (Eng. Abstr.) **(Ita)**

[Effect of chronic hexachlorobenzene-induced hepatic porphyria on the course of acetylaminofluorene carcinogenesis in Wistar rats] Zawirska B, et al. **Patol Pol** 1984 Jan-Mar;35(1):11-28 (Eng. Abstr.) **(Pol)**

[Carcinogenic effect of N-nitrosodimethylamine after application to rat skin] Benemanskil VV, et al. **Eksp Onkol** 1985;7(2):20-1 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Characterization of murine hepatoma BW7756. III. Hematological profile of a tumor-associated anemia. Mizejewski G, et al. **Int J Cancer** 1985 Jun 15;35(6):813-9

DRUG THERAPY

The effect of hydroxycamptothecin in the activity of RNA and DNA polymerases prepared from murine hepatoma cells. Xu B, et al. **Am J Chin Med** 1985;13(1-4):23-31

Antitumour activity of peroxidases. Everse KE, et al. **Br J Cancer** 1985 May;51(5):743-6

Superior therapeutic activity of liposome-associated adriamycin in a murine metastatic tumour model. Gabizon A, et al. **Br J Cancer** 1985 May;51(5):681-9

Suppression of human alpha-foetoprotein-producing hepatocellular carcinoma growth in nude mice by an anti alpha-foetoprotein antibody-daunorubicin conjugate with a poly-L-glutamic acid derivative as intermediate drug carrier. Tsukada Y, et al. **Br J Cancer** 1985 Jul;52(1):111-6

Cancer therapy with chemically modified enzymes. II. The therapeutic effectiveness of arginase, and arginase modified by the covalent attachment of polyethylene glycol, on the taper liver tumor and the L5178Y murine leukemia. Savoca KV, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):261-8

Prediction of in vivo tumor response to chemotherapeutic agents by the in vitro sister chromatid exchange assay. Tofilon PJ, et al. **Cancer Res** 1985 May;45(5):2025-30

Lack of effect of long-term glutathione administration on aflatoxin B1-induced hepatoma in male rats. Wagner G, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):57-68

Effect of canavanine and 2,3-dimercapto-1-propanol (British antilewisite) on the proliferation of Novikoff hepatoma cells in the presence of concanavalin A. Doyle DG, et al. **Clin Physiol Biochem** 1983;1(6):305-17

Experimental laser phototherapy of the Morris 7777 hepatoma in the rat. Holt S, et al. **Hepatology** 1985 Mar-Apr;5(2):175-80

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717-23

Enhanced antitumor activity of mitomycin C conjugated with anti-alpha-fetoprotein antibody by a novel method of conjugation. Kato Y, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):313-9

Anti-tumor activity of 1-acetyl-3-o-toluyl-5-fluorouracil against murine hepatoma MH134 and its effects on tissue weights following subcutaneous and oral administration. Yata N, et al. **J Pharmacobiodyn** 1985 Apr;8(4):264-9

Potentiation of antitumor effect of bleomycin by lipid-surfactant mixed micelles. I. In vivo and tumor-neutralizing activity against mouse Ehrlich ascites tumor and rat ascites hepatoma AH66. Yoshikawa H, et al. **J Pharmacobiodyn** 1985 Apr;8(4):305-10

Antitumor activity of vitamin A and its derivatives. Muto Y, et al. **JNCI** 1984 Dec;73(6):1389-93

Effects of 6-keto-prostaglandin E1 on ascitic hepatoma-130 in vivo comparison with chemotherapeutic agents. Kobayashi H, et al. **Prostaglandins** 1985 Feb;29(2):255-68

[Antitumor activity of Ge-132, a new organogermanium compound, in mice is expressed through the functions of macrophages and T lymphocytes] Suzuki F. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1445-52 (Eng. Abstr.) **(Jpn)**

[Chemical modification of anti-cancer drugs to increase their affinity to tumor antigens] Tsukada Y. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):741-50 (Eng. Abstr.) **(Jpn)**

[Experimental study on antitumor effect of methylcobalamin (CH3-B12) (I)] Shimizu N, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):40-6 (Eng. Abstr.) **(Jpn)**

[Photodynamic effects of various types of porphyrins on cultured hepatocellular carcinoma cells (JTC-16): a fundamental study of porphyrin photodynamic therapy] Kawamoto C, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):261-9 (Eng. Abstr.) **(Jpn)**

[Effect of nitrogen derivative of verrucarin E, VER-I, on biology and development of morphological, histochemical and histoenzymatic changes in experimental neoplasms in animals] Jodczyk KJ. **Patol Pol** 1984 Jul-Sep;35(3):349-64 (Eng. Abstr.) **(Pol)**

[Antitumor activity of Ca-double-stranded RNA from sodium nucleinate] Zakharian RA, et al. **Eksp Onkol** 1985; 7(3):54-6 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Microsomal monooxygenase system in Morris hepatoma: purification and characterization of cytochromes P-450 from Morris hepatoma 5123D of 3-methylcholanthrene-treated rats. Ohmachi T, et al. **Arch Biochem Biophys** 1985 Jan;236(1):176-84

Accumulation of ornithine decarboxylase-antizyme complex in HMOA cells. Murakami Y, et al. **Biochem J** 1985 Feb 1;225(3):689-97

Role of antizyme in degradation of ornithine decarboxylase in HTC cells. Murakami Y, et al. **Biochem J** 1985 Mar 15;226(3):893-6

Comparison of ornithine decarboxylase from rat liver, rat hepatoma and mouse kidney. Seely JE, et al. **Biochem J** 1985 Mar 1;226(2):577-86

In vivo inactivation of formylglycinamidine ribonucleotide synthetase in rat hepatoma. Elliott WL, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):243-8

Assessment of rat liver microsomal epoxide hydrolase as a marker of hepatocarcinogenesis. Kizer DE, et al. **Biochem Pharmacol** 1985 May 15;34(10):1795-800

Induction of epoxide hydrolase in cultured rat hepatocytes and hepatoma cell lines. Razzouk C, et al. **Biochem Pharmacol** 1985 May 1;34(9):1537-42

Effects of cycloheximide on inverse regulation of phenolic and nonphenolic ring deiodinases in monkey hepatocarcinoma cells. Sorimachi K. **Biochim Biophys Acta** 1985 Jan 18;844(1):55-61

The influence of extracellular calcium on the distribution of protein kinase C in non-neoplastic and neoplastic rat liver cells. Bossi D, et al. **Cancer Lett** 1985 Apr;26(3):303-10

Pyruvate dehydrogenase levels in Morris hepatomas with different growth rate. Eboli ML. **Cancer Lett** 1985 Mar; 26(2):185-90

Effect of phenobarbital on the activity of RNA polymerase II during diethylnitrosamine-induced hepatocarcinogenesis in the rat. Kikuchi H, et al. **Cancer Lett** 1985 Mar; 26(2):201-6

Effect of potent antiglucocorticoids on dexamethasone induced enzymes in cultured hepatoma and rat liver cells. Santana MA, et al. **Cancer Lett** 1985 Jul;27(3):329-37

Sexual differences in the expression of gamma-glutamyl transpeptidase during 5,9-dimethyldibenzo[c,g]carbazole-induced hepatocarcinogenesis in mice. Valero D, et al. **Cancer Lett** 1985 Jun;27(2):181-97

Increased 5-phospho-alpha-D-ribose-1-diphosphate synthetase (ribosephosphate pyrophosphokinase, EC 2.7.6.1) activity in rat hepatomas. Baló-Banga JM, et al. **Cancer Res** 1984 Nov;44(11):5004-9

Regulation of aldehyde dehydrogenase activity in five rat hepatoma cell lines. Lin KH, et al. **Cancer Res** 1984 Nov; 44(11):5219-26

Increased carbamoyl-phosphate synthetase II concentration in rat hepatomas: immunological evidence. Reardon MA, et al. **Cancer Res** 1985 Sep;45(9):4412-5

Clonal isolation of populations of gamma-glutamyl transpeptidase-positive and -negative cells from rat liver epithelial cells chemically transformed in vitro. Tsao MS, et al. **Cancer Res** 1985 Oct;45(10):5134-8

Histochemical characterization of focal hepatic lesions induced by single diethylnitrosamine treatment in infant mice. Vesselinovitch SD, et al. **Cancer Res** 1985 Jun; 45(6):2774-80

Regulation and expression of four cytochrome P-450 isoenzymes, NADPH-cytochrome P-450 reductase, the glutathione transferases B and C and microsomal epoxide hydrolase in preneoplastic and neoplastic lesions in rat liver. Buchmann A, et al. **Carcinogenesis** 1985 Apr;6(4):513-21

DNA ligase activities during hepatocarcinogenesis induced by N-2-acetylaminofluorene. Chan JY, et al. **Carcinogenesis** 1985 Sep;6(9):1275-7

Effects of N-nitrosomorpholine and phenobarbital on UDP-glucuronyltransferase in putative preneoplastic foci of rat liver. Fischer G, et al. **Carcinogenesis** 1985 Apr; 6(4):605-9

Expression of tumor-associated aldehyde dehydrogenase during rat hepatocarcinogenesis using the resistant hepatocyte model. Jones DE Jr, et al. **Carcinogenesis** 1984 Dec;5(12):1679-87

Indistinguishable physical and catalytic properties of DNA methyltransferase from normal rat liver and a transplantable rat hepatocellular carcinoma. Ruchirawat M, et al. **Carcinogenesis** 1985 Jun;6(6):877-82

Induction of a distinct nuclear poly(A) polymerase and the production of anti-tumor poly(A) polymerase antibodies in hepatocarcinogenesis. Stetler DA, et al. **Carcinogenesis** 1984 Oct;5(10):1363-6

Structural and immunological identity of rat hepatoma and fetal liver nuclear poly(A) polymerase. Stetler DA, et al. **Carcinogenesis** 1985 Feb;6(2):259-62

Induction of cytochrome(s) P450-dependent drug metabolism in cultured MH1C1 hepatoma cells. Ferro M, et al. **Cell Biochem Funct** 1984 Oct;2(4):263-8

Effect of Morris 7777 hepatoma on microsomal glucose-6-phosphatase latent activity. Dobrosielski-Vergona K. **Enzyme** 1984;32(2):100-4

Interaction between glucocorticoids, 8-bromoadenosine 3',5'-monophosphate, and insulin in regulation of synthesis of carbamoyl-phosphate synthetase I in Reuber hepatoma H-35. Kitagawa Y, et al. **Eur J Biochem** 1985 Jul 15; 150(2):249-54

Import and processing of cytochrome b-c1 complex subunits in isolated hepatoma ascites cells. Inhibition by Rhodamine 6G. Kolarov J, et al. **Eur J Biochem** 1984 Oct 15; 144(2):387-92

Expression of cytochromes P-450 in rat hepatoma cells. Analysis by monoclonal antibodies specific for cytochromes P-450 from rat liver induced by 3-methylcholanthrene or phenobarbital. Wiebel FJ, et al. **Eur J Biochem** 1984 Dec 17;145(3):455-62

Glutathione transferases in primary rat hepatomas: the isolation of a form with GSH peroxidase activity. Meyer DJ, et al. **FEBS Lett** 1985 May 6;184(1):139-43

Cytochemical studies of acid phosphatase, adenosine triphosphatase and lactic dehydrogenase activity in thioacetamide-induced hepatoma. Amin AM, et al. **Folia Morphol (Praha)** 1984;32(3):307-12

Sialidase of rat hepatomas: qualitative and quantitative comparison with rat liver sialidase. Miyagi T, et al. **Gann** 1984 Dec;75(12):1076-82

Cultured hepatoma cells for the study of enzyme regulation: induction of ornithine decarboxylase by insulin and asparagine. Potter VR, et al. **In Vitro** 1984 Sep;20(9):723-31

Glycosidases in normal and regenerating chicken liver, hepatoma Mc-29, Rous sarcoma, in turkey poult liver and hemocytoblastomes, provoked by the leukosis virus strain Mc-31. Chelibonova-Lorer H, et al. **Int J Biochem** 1985; 17(4):541-4

Early biochemical alterations induced by 2-acetylaminofluorene in rat liver. Elliott WL, et al. **Int J Biochem** 1984;16(9):947-56

Effect of assay temperature on the kinetics of 3-hydroxy-3-methylglutaryl-coenzyme A reductase in rat liver and Morris hepatoma 5123C. Gregg RG, et al. **Int J Biochem** 1985;17(6):707-11

Multiple forms of chicken liver and hepatoma Mc-29 microsomal and plasma-membrane sialyl and fucosyltransferases. Ivanov S, et al. **Int J Biochem** 1984; 16(12):1307-11

Purification and characterization of two cyclic AMP-independent protein kinases from AH-66 hepatoma ascites cells. Nakajo S, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1575-85

Enzymatic modification of Novikoff hepatoma lamins A and C. Glass WF 2d, et al. **J Biol Chem** 1985 Feb 10; 260(3):1895-900

Superinduction of cytochrome P1-450 gene transcription by inhibition of protein synthesis in wild type and variant mouse hepatoma cells. Israel DI, et al. **J Biol Chem** 1985 May 10;260(9):5648-53

Purification and characterization of a nuclear protein kinase from rat liver and a hepatoma that is capable of activating poly(A) polymerase. Stetler DA, et al. **J Biol Chem** 1984 Dec 10;259(23):14481-5

Adenine nucleotide translocase activity and sensitivity to inhibitors in hepatomas. Comparison of the ADP/ATP carrier in mitochondria and in a purified reconstituted liposome system. Woldegiorgis G, et al. **J Biol Chem** 1985 Jun 25;260(12):7585-90

Identification of a cAMP regulatory region in the gene for rat cytosolic phosphoenolpyruvate carboxykinase (GTP). Use of chimeric genes transfected into hepatoma cells. Wynshaw-Boris A, et al. **J Biol Chem** 1984 Oct 10; 259(19):12161-9

Liver tyrosine kinase activation during early stages of chemical hepatocarcinogenesis. Olson JW. **J Cell Biochem** 1985;27(2):175-80

Chromatography of gamma-glutamyl transferases from ascites hepatoma AH-66 cells and human primary hepatoma on Phaseolus vulgaris erythroagglutinating lectin agarose. Taniguchi N, et al. **J Chromatogr** 1985 May 3; 339(2):394-8

Histochemistry of liver tumors induced by diethylnitrosamine and differential sex susceptibility to carcinogenesis in Oryzias latipes. Nakazawa T, et al. **JNCI** 1985 Sep; 75(3):567-73

Studies on responsiveness of hepatoma cells to catecholamines. II. Comparison of beta-adrenergic responsiveness of rat ascites hepatoma cells with cultured normal rat liver cells. Miyamoto K, et al. **Jpn J Pharmacol** 1985 May;38(1):101-8

Isolation and characterization of revertants from four different classes of aryl hydrocarbon hydroxylase-deficient hepa-1 mutants. Van Gurp JR, et al. **Mol Cell Biol** 1984 Aug;4(8):1597-604

Purification, induction, and distribution of placental glutathione transferase: a new marker enzyme for preneoplastic cells in the rat chemical hepatocarcinogenesis. Satoh K, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3964-8

Recent studies of the regulation of aldehyde dehydrogenase activity during rat hepatocarcinogenesis. Lindahl R. **Prog Clin Biol Res** 1985;174:91-9

Hepatic and testicular aldehyde dehydrogenase in tumor-bearing mice. Messiha FS. **Vet Hum Toxicol** 1984; 26 Suppl 2:11-3

Cytochemical localization of adenyl cyclase in isoproterenol stimulated hepatoma ascites cells. Moller PC, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):47-53

[Effect of 10-hydroxycamptothecin on nuclear RNA polymerase activity in hepatoma cells in mice] Ling YH, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):211-3 (Eng. Abstr.) **(Chi)**

[Aldolase isozyme gene: on the structure and the tissue-specific expression of a muscle type aldolase gene] Mukai T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):609-15 (Eng. Abstr.) **(Jpn)**

[Effect of ionol on oxygenase level in proliferating animal tissues] Kosaganova NIu, et al. **Biofizika** 1984 Sep-Oct; 29(5):868-72 (Eng. Abstr.) **(Rus)**

[Hormonal induction of tyrosine aminotransferase and RNA synthesis in the cells of Morris hepatoma strain 7777] Krasil'nikov MA, et al. **Biokhimiia** 1985 Apr;50(4):686-92 (Eng. Abstr.) **(Rus)**

[Effect of modification of the lipid bilayer on the functioning of the electron transport chain of endoplasmic reticulum membranes in nitrosodiethylamine-induced hepatic carcinogenesis] Grinevich IuP, et al. **Eksp Onkol** 1984; 6(6):42-5 (Eng. Abstr.) **(Rus)**

[Adenosine cyclic-3',5'-monophosphate phosphodiesterase in hepatomas with different growth rates] Pavlova VM, et al. **Eksp Onkol** 1984;6(4):28-30 (Eng. Abstr.) **(Rus)**

[Effect of hydrocortisone on gamma-glutamyl transferase activity of the rat liver and hepatoma] Gulieva FM, et al. **Vopr Med Khim** 1984;30(6):114-20 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Tumorigenicity in nude mice of dexamethasone-sensitive and -resistant, differentiated and dedifferentiated hepatoma cells. Bösze Z, et al. **Cancer Res** 1985 May;45(5):2165-9

Hepatocarcinogenic and promoting action of a choline-devoid diet in the rat. Yokoyama S, et al. **Cancer Res** 1985 Jun;45(6):2834-42

The induction of liver cancer by dietary deficiency of choline and methionine without added carcinogens. Ghoshal AK, et al. **Carcinogenesis** 1984 Oct;5(10):1367-70

Hepatic neoplastic nodules, adenofibrosis, and cholangiocarcinomas in male Fisher 344 rats fed corn naturally contaminated with Fusarium moniliforme. Wilson TM, et al. **Carcinogenesis** 1985 Aug;6(8):1155-60

Effects of the irreversible ornithine decarboxylase inhibitor, alpha-difluoromethylornithine, aflatoxin B1, and choline deficiency on hepatocarcinogenesis. Sondergaard D, et al. **Toxicol Pathol** 1985;13(1):36-49

[Promoting effect of portacaval anastomosis in experimental hepatic carcinogenesis] Préat V, et al. **C R Soc Biol (Paris)** 1984;178(4):408-13 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Strand specific transcription of satellite DNA I in rat ascites hepatoma cells. Miyahara M, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):897-903

Expression of carbamoyl-phosphate synthetase I mRNA in Reuber hepatoma H-35 cells. Regulation by glucocorticoid and insulin. Kitagawa Y, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):148-53

Albumin extinction followed by de novo methylation of its gene in somatic hybrids of a rat hepatoma. Sperling L, et al. **Biochimie** 1984 Nov-Dec;66(11-12):701-9

Oncogene expression in rat hepatomas and during hepatocarcinogenesis. Cote GJ, et al. **Cancer Lett** 1985 Mar; 26(2):121-7

Activated oncogenes in a rat hepatocellular carcinoma induced by 2-amino-3-methylimidazo[4,5-f]quinoline. Ishikawa F, et al. **Gann** 1985 Jun;76(6):425-8

Mutations affecting the regulation of transcription of the cytochrome P1-450 gene in the mouse Hepa-1 cell line. Hankinson O, et al. **J Biol Chem** 1985 Feb 10;260(3):1790-5

Biochemical and genetic analysis of variant mouse hepatoma cells which overtranscribe the cytochrome P1-450 gene in response to 2,3,7,8-tetrachlorodibenzo-p-dioxin. Jones PB, et al. **J Biol Chem** 1984 Oct 25;259(20):12357-63

Primary and secondary structure of 7-3 (K) RNA of Novikoff hepatoma. Reddy R, et al. **J Biol Chem** 1984 Oct 10;259(19):12265-70

Expression of c-Ki-ras, c-Ha-ras, and c-myc in specific cell types during hepatocarcinogenesis. Yaswen P, et al. **Mol Cell Biol** 1985 Apr;5(4):780-6

Differential induction of sister-chromatid exchanges by benzo[a]pyrene in variant mouse hepatoma cells. Schaefer EL, et al. **Mutat Res** 1985 May-Jun;143(1-2):69-74

Accurate initiation of rat ribosomal RNA gene transcription using a fractionated nuclear extract from normal liver and a hepatoma. Kurl RN, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1059-63

Duck hepatitis B virus DNA in liver and serum of Chinese ducks: integration of viral DNA in a hepatocellular carcinoma. Yokosuka O, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5180-4

[Specificity of gene expression in tumor cells] Yamamoto M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):601-8 (Eng. Abstr.) **(Jpn)**

[Possible role of the genetic instability of the pericentromere region of chromosome 2 and of amplification in region B2 of chromosome 8 in the evolution of the karyotype and alternative regulation of stably colchicine-resistant MG XXIIa clone cell multiplication] Gornostaev VS, et al. **Dokl Akad Nauk SSSR** 1985;281(2):436-9 **(Rus)**

IMMUNOLOGY

Additional evidence for the augmented induction of tumor-specific resistance in vaccinia virus-primed mice by immunization with vaccinia virus-modulated syngeneic tumor cells. Ueda S, et al. **Biken J** 1984 Mar;27(1):1-7

Suppression of natural killer and lymphocyte functions associated with carcinogen-induced premalignant hyperplastic nodules in rat liver. Leu RW, et al. **Cancer Res** 1985 Jul;45(7):3282-7

Effector cell analysis of tumor cell rejection in vivo in two syngeneic tumor systems exhibiting distinct in vitro cytotoxic mechanisms. Fukuzawa M, et al. **Gann** 1984 Oct;75(10):912-9

Carbohydrates as antigenic determinants of tumor-associated antigens recognized by monoclonal anti-tumor antibodies produced in a syngeneic system. Ito M, et al. **Int J Cancer** 1984 Nov 15;34(5):689-97

Monoclonal antibody against tumour-derived cell line shows heterogeneity of altered hepatocytes during AFB1-induced carcinogenesis. Manson MM, et al. **Int J Cancer** 1984 Dec 15;34(6):869-74

Selective localization of tumor-immune spleen cells at the tumor challenge site after adoptive transfer of line 10 tumor immunity in strain 2 guinea pigs. de Jong WH, et al. **J Immunol** 1985 Mar;134(3):2032-40

T-cell involvement in adoptive transfer of line 10 tumor immunity in strain 2 guinea pigs. de Jong WH, et al. **JNCI** 1985 Sep;75(3):483-9

Comparative studies on tumor and adjuvant (BCGcw)-induced nonspecific suppressor cells in rats. Mizushima Y, et al. **Tohoku J Exp Med** 1984 Jul;143(3):295-304

[Immunological study on localized liver injection of immunopotentiator OK-432-- experimental studies in rats] Takada T, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2267-71 (Eng. Abstr.) **(Jpn)**

[Augmentation of resistance against metastatic tumor cells after local administration of PSK] Tsuru S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):86-90 (Eng. Abstr.) **(Jpn)**

[Immunomorphological analysis of the level of differentiation of hepatocellular tumors in rats] Gel'shtein VI, et al. **Arkh Patol** 1984;46(9):75-81 (Eng. Abstr.) **(Rus)**

[Differences in the antigenic structure of chromatin from the liver and hepatoma cells in the rat] Nanazashvili MG, et al. **Eksp Onkol** 1984;6(3):38-42 (Eng. Abstr.) **(Rus)**

[Intranuclear localization of hepatoma chromatin antigens not detected in liver chromatin] Nanazashvili MG, et al. **Eksp Onkol** 1984;6(5):39-42 (Eng. Abstr.) **(Rus)**

[Effect of exogenous RNA preparations on the antitumor activity of the splenocytes in C3HA mice] Aksenova NN, et al. **Tsitologiia** 1984 Jun;26(6):729-34 (Eng. Abstr.) **(Rus)**

[Splenocyte functional activity in mice growing the syngeneic transplantable hepatoma 22a] Kiseleva EP, et al. **Tsitologiia** 1984 Dec;26(12):1409-15 (Eng. Abstr.) **(Rus)**

METABOLISM

Further studies on the biochemical characterization of the MC-29 virus derived transplantable hepatoma (VTH). II. Modification of cyclic adenosine-3',5'-monophosphate levels by catecholamines, glucagon and Vinca alkaloids in normal chicken liver and VTH. Gyapay G, et al. **Acta Biol Hung** 1984;35(1):35-41

Further studies on the biochemical characterization of the MC-29 virus derived transplantable hepatoma (VTH). I. Binding of 3H-cortisol to cytoplasmic receptor and DNA. Kovalszky I, et al. **Acta Biol Hung** 1984;35(1):27-34

Interaction of DNA accessory proteins with DNA polymerase beta of the Novikoff hepatoma. Meyer RR, et al. **Adv Exp Med Biol** 1984;179:355-61

Superoxide-dependent lipid peroxidation and vitamin E content of microsomes from hepatomas with different growth rates. Borrello S, et al. **Arch Biochem Biophys** 1985 May 1;238(2):588-95

Degradation of surface-labeled hepatoma membrane polypeptides: effect of inhibitors. Hare JF, et al. **Arch Biochem Biophys** 1984 Sep;233(2):547-55

Temperature- and dose-dependent internalization of concanavalin A in monolayer culture. Sorimachi K. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):35-44

Elevated phosphate transporting activity and phosphate carrier content in mitochondria of rat hepatoma with high glycolytic capacity. Tkáčová E, et al. **Biochem Int** 1985 Jul;11(1):45-50

Multiple states of U3 RNA in Novikoff hepatoma nucleoli. Epstein P, et al. **Biochemistry** 1984 Nov 6;23(23):5421-5

Chronic ethanol increases liver plasma membrane fluidity. Polokoff MA, et al. **Biochemistry** 1985 Jun 18;24(13):3114-20

Comparison of DNA binding properties of activated, covalent and noncovalent glucocorticoid receptor-steroid complexes from HTC cells. Simons SS Jr, et al. **Biochemistry** 1984 Dec 18;23(26):6876-82

Dicyclohexylamine effects on HTC cell polyamine content and ornithine decarboxylase activity. Mitchell JL, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):309-16

Adenylate kinase is a source of ATP for tumor mitochondrial hexokinase. Nelson BD, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):195-200

Nitrobenzylthioinosine-sensitive and -resistant nucleoside transport in normal and transformed rat cells. Plagemann PG, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):387-95

The synthesis of sphingomyelin in the Morris hepatomas 7777 and 5123D is restricted to the plasma membrane. van den Hill A, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):354-7

The synthesis and esterification of cholesterol by hepatocytes and H35 hepatoma cells are independent of the level of nonspecific lipid transfer protein. van Heusden GP, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):21-5

The importance of the stearoyl-CoA desaturase system in octadecenoate metabolism in the Morris hepatoma 7288C. Zoeller RA, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):380-8

Effect of the cytotoxin of Clostridium difficile on cultured hepatoma cells. Rihn B, et al. **Biol Cell** 1985;53(1):23-32

Alkylation-induced mono(ADP-ribosyl)-histones H1 and H2B. Hydroxylamine-resistant linkage in hepatoma cells. Kreimeyer A, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):537-44

Autonomous cholesterol biosynthesis in murine hepatoma. A receptor defect with normal coated pits. Danilewitz MD, et al. **Cancer** 1984 Oct 15;54(8):1562-8

Disparity in the effects of two N-methyl nicotinamides on poly(ADP-ribose) synthetase and macromolecular synthesis in hepatomas. Lea MA, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):1-7

Effects of nicotinamide and structural analogs on DNA synthesis and cellular replication of rat hepatoma cells. Lea MA, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):195-202

Phosphorylation of specific rat plasma membrane proteins during promotion of gamma-glutamyl transpeptidase-positive hepatic foci and inhibition by di(2-ethylhexyl)phthalate. DeAngelo AB, et al. **Cancer Res** 1985 Jun;45(6):2654-60

Fructose 2,6-bisphosphate and the control of glycolysis by glucocorticoids and by other agents in rat hepatoma cells. Loiseau AM, et al. **Cancer Res** 1985 Sep;45(9):4263-9

Contributions of glycolysis and oxidative phosphorylation to adenosine 5'-triphosphate production in AS-30D hepatoma cells. Nakashima RA, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5702-6

Metabolism of benzo(a)pyrene by variant mouse hepatoma cells. Schaefer EL, et al. **Cancer Res** 1985 Aug;45(8):3487-92

Enhancement of cholesterol synthesis and pentose phosphate pathway activity in proliferating hepatocyte nodules. Ledda-Columbano GM, et al. **Carcinogenesis** 1985 Sep;6(9):1371-3

Uptake and degradation of asialo-orosomucoid in hepatocytes from carcinogen-treated rats. Schwarze E, et al. **Carcinogenesis** 1985 May;6(5):777-82

The effect of various aldehydes on the respiration of rat liver and hepatoma AH-130 cells. Canuto RA, et al. **Cell Biochem Funct** 1985 Jan;3(1):3-8

Functional alterations of the endoplasmic reticulum and the detoxification systems during diethyl-nitrosamine carcinogenesis in rat liver. Garcea R, et al. **Cell Biochem Funct** 1984 Jul;2(3):177-81

Effect of methylglyoxal on tumour microtubular protein. Miglietta A, et al. **Cell Biochem Funct** 1985 Jan;3(1):9-11

Age-related changes of the pattern of non-histone proteins in active and condensed fractions of mouse liver chromatin and hepatocarcinoma. Medvedev ZA, et al. **Experientia** 1984 Nov 15;40(11):1282-4

Comparison of tyrosine phosphorylation of proteins by membrane fractions from mouse liver, Ehrlich ascites tumor and MH134 hepatoma. Usui H, et al. **FEBS Lett** 1985 May 6;184(1):60-4

Study of beta-adrenoceptors and beta-adrenergic responsiveness in cultured 'preneoplastic-like' and neoplastic rat hepatocytes. Cortinovis C, et al. **Gen Pharmacol** 1985;16(3):259-63

Comparative study on fucosylation of chicken liver and virus-induced hepatoma Mc-29. Antonova M, et al. **Int J Biochem** 1984;16(12):1313-9

An 18K protein from ascites hepatoma cell depolymerizes actin filaments rapidly. Ohta Y, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1547-58

Lipid composition of the plasma membrane isolated from hyperplastic nodules of rat liver. Tamiya-Koizumi K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):773-9

The isolation of HTC variant cells which can replicate in butyrate. Changes in histone acetylation and tyrosine aminotransferase induction. Chalkley R, et al. **J Biol Chem** 1985 Jun 25;260(12):7698-704

Turnover of plasma membrane proteins in rat hepatoma cells and primary cultures of rat hepatocytes. Chu FF, et al. **J Biol Chem** 1985 Mar 10;260(5):3097-107

Biosynthesis and processing of the type II insulin-like growth factor receptor in H-35 hepatoma cells. MacDonald RG, et al. **J Biol Chem** 1985 Sep 15;260(20):11357-65

The type II insulin-like growth factor receptor does not mediate increased DNA synthesis in H-35 hepatoma cells. Mottola C, et al. **J Biol Chem** 1984 Oct 25;259(20):12705-13

Characterization of wild type and mutant glucocorticoid receptors from rat hepatoma and mouse lymphoma cells. Northrop JP, et al. **J Biol Chem** 1985 May 25;260(10):6398-403

Primary and secondary structure of U8 small nuclear RNA. Reddy R, et al. **J Biol Chem** 1985 Sep 15;260(20):10930-5

Arginine synthesis by hepatomas in vitro. I. The requirements for cell growth in medium containing ornithine in place of arginine and the isolation and characterization of variant hepatomas auxotrophic for arginine. Goss SJ. **J Cell Sci** 1984 Jun;68:285-303

Arginine synthesis by hepatomas in vitro. II. Isolation and characterization of Morris hepatoma variants unable to convert ornithine to arginine, and modulation of urea-cycle enzymes by dexamethasone and cyclic-AMP. Goss SJ. **J Cell Sci** 1984 Jun;68:305-19

An immunoelectron microscopic study on the distribution of a cell surface-associated adhesive glycoprotein synthesized by rat ascites hepatoma cells. Hattori R, et al. **J Cell Sci** 1984 Oct;71:95-109

Trace metal uptake in liver cells. 1. Influence of albumin in the medium on the uptake of copper by hepatoma cells. van den Berg GJ, et al. **J Inorg Biochem** 1984 Oct;22(2):73-84

Studies on responsiveness of hepatoma cells to catecholamines. I. Lack of beta-adrenergic responsiveness in rat ascites hepatoma AH13 cells. Matsunaga T, et al. **Jpn J Pharmacol** 1984 Dec;36(4):499-506

Increase of sensitivity and uptake of vinblastine by reserpine in rat ascites hepatoma. Wakusawa S, et al. **Jpn J Pharmacol** 1984 Oct;36(2):187-95

Phosphorylation of the insulin receptor in cultured hepatoma cells and a solubilized system. Kasuga M, et al. **Methods Enzymol** 1985;109:609-21

Uptake and metabolism of eicosa-8, 11, 14-trienoic acid in normal hepatocytes and HTC cells. Marra CA, et al. **Mol Cell Biochem** 1985 Jan;65(2):143-52

Effect of cis-diamminedichloroplatinum (II), cyclophosphamide and tumor age on the rate of mitochondrial and overall cellular protein synthesis in Zajdela hepatoma. Tkáčová E, et al. **Neoplasma** 1985;32(2):177-80

Effect of cesium and ethanol on tumor bearing rats. Messiha FS. **Pharmacol Biochem Behav** 1984;21 Suppl 1:35-40

Expression of the mouse serum albumin gene introduced into differentiated and dedifferentiated rat hepatoma cells. Deschatrette J, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):765-9

Phorbol esters modulate insulin receptor phosphorylation and insulin action in cultured hepatoma cells. Takayama S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7797-801

Ascites hepatoma: a model system to investigate cell protein degradation in the animal as well as in vitro. Baccino FM, et al. **Prog Clin Biol Res** 1985;180:595-7

Effects of denaturation and methylation on the degradation of proteins in cultured hepatoma cells and in reticulocyte cell-free systems. Katznelson R, et al. **Prog Clin Biol Res** 1985;180:483-5

Liver and skeletal muscle protein metabolism in Yoshida ascites hepatoma AH-130-bearing rats. Tessitore L, et al. **Prog Clin Biol Res** 1985;180:599-601

Regulation of turnover of Na+,K+-ATPase in cultured cells. Cook JS, et al. **Soc Gen Physiol Ser** 1985;39:3-19

Lipid peroxidation and lipid antioxidants in normal and tumor cells. Cheeseman KH, et al. **Toxicol Pathol** 1984;12(3):235-9

Lipid composition, physical state, and lipid peroxidation of tumor membranes. Galeotti T, et al. **Toxicol Pathol** 1984;12(4):324-30

Flow cytometry of nuclear DNA content in liver cirrhosis and liver tumours in rats exposed to acetylaminofluorene. Digernes V, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):139-46

[Comparative distribution study of 14C labeled amino acids, glucose-analogue and precursor of nuclei acid, as tumor seeking agents] Shiba K, et al. **Radioisotopes** 1984 Aug;33(8):526-32 (Eng. Abstr.) **(Jpn)**

[Studies on the mechanisms of vinblastine membrane transport in rat ascites hepatoma AH66 cells] Wakusawa

S, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1301-5 (Eng. Abstr.) **(Jpn)**

[Sensitivity to vinblastine and mechanisms of intracellular accumulation of vinblastine by reserpine in rat ascites hepatoma cells] Wakusawa S, et al. **Yakugaku Zasshi** 1984 Dec;104(12):1288-94 (Eng. Abstr.) **(Jpn)**

[Interaction of triamcinolone acetonide with Morris hepatoma cells in the presence antibiotics--inhibitors of RNA synthesis] Krasil'nikov MA, et al. **Biokhimiia** 1984 Sep;49(9):1496-501 (Eng. Abstr.) **(Rus)**

[31P-NMR study of the dynamics of energy metabolism in hepatoma 22-a cells exposed to antitumor preparations] Dubinskii VZ, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr; 281(1):180-3 **(Rus)**

[Nuclear nonhistone proteins of hepatomas and the liver in rats after the action of hepatic carcinogens and the operation of partial hepatectomy] Fel' VIa, et al. **Dokl Akad Nauk SSSR** 1984;279(4):1008-11 **(Rus)**

[Selective inhibition by chloramphenicol of protein biosynthesis in ascites tumor cells] Bul'diaeva TV, et al. **Eksp Onkol** 1984;6(4):35-8 (Eng. Abstr.) **(Rus)**

[Qualitative and quantitative features of the enzymatic production of superoxide radicals by the intracellular membranes of tumors] Peskin AV, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):32-5 (Eng. Abstr.) **(Rus)**

[DNA reparative synthesis in liver cell cultures from mice with various susceptibilities to spontaneous hepatic carcinogenesis] Budunova IV, et al. **Vopr Onkol** 1985; 31(6):73-6 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Peripheral neuropathies, hepatocellular carcinomas and islet cell adenomas in transgenic mice. Messing A, et al. **Nature** 1985 Aug 1-7;316(6027):461-3

MORTALITY

Effect of cesium and potassium salts on survival of rats bearing Novikoff hepatoma. Messiha FS, et al. **Pharmacol Biochem Behav** 1984;21 Suppl 1:31-4

PATHOLOGY

A novel in vitro-in vivo approach to carcinogenesis studies designed for use with human cells and tissues. Cameron RG, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct; 28(5):614-20

Take and growth of the transplantable MC29 hepatoma in allogeneic and xenogeneic hosts. Minárovits J, et al. **Acta Microbiol Hung** 1984;31(4):393-7

Neoplastic progression in experimental hepatocarcinogenesis. Scherer E. **Biochim Biophys Acta** 1984;738(4):219-36 (183 ref.)

Morphological characterization of lymphoid cells conjugates with scattered tumor target cells in organ imprints of Yoshida ascites bearing rats. Roveta G, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2365-8

Intraperitoneal transplantation of Yoshida ascites hepatoma cells after fine needle aspiration from tumor bearing rats organs. Roveta G, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1277-81

Selective resistance to cytotoxic agents in hepatocytes isolated from partially hepatectomized and neoplastic mouse liver. Ruch RJ, et al. **Cancer Lett** 1985 Apr; 26(3):295-301

Loss of lipid peroxidation as a histochemical marker for preneoplastic hepatocellular foci of rats. Benedetti A, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5712-7

Isolation of preneoplastic rat liver cells by centrifugal elutriation and binding to asialofetuin. Evarts RP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5718-24

Immunological approaches to the purification of putative premalignant hepatocytes from genotypic mosaic rat livers. Hunt JM, et al. **Cancer Res** 1985 May;45(5):2226-33

Nuclear matrix antigens in azo dye-induced primary rat hepatomas. Schmidt WN, et al. **Cancer Res** 1984 Nov; 44(11):5291-304

Changes in polypeptide pattern of rat liver cells during chemical hepatocarcinogenesis. Sugioka Y, et al. **Cancer Res** 1985 Jan;45(1):365-78

Clonal analysis of tumorigenicity and paratumorigenic phenotypes in rat liver epithelial cells chemically transformed in vitro. Tsao MS, et al. **Cancer Res** 1985 Oct; 45(10):5139-44

Emergence of a population of small, diploid hepatocytes during hepatocarcinogenesis. Schwarze PE, et al. **Carcinogenesis** 1984 Oct;5(10):1267-75

Tumor growth in liver atrophy and growth. An experimental study in rats. Rozga J, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):135-40

The effect of methadone and naloxone on cultured rat liver cells. Beverley CL, et al. **Exp Cell Biol** 1984;52(3):170-5

Metabolic activation of procarcinogens to genotoxic products in cultured rat liver cells. Murison GL, et al. **Exp Cell Biol** 1984;52(6):355-60

A protein cross-reacting immunohistochemically with rat glutathione S-transferase placental form as a marker for preneoplasia in Syrian hamster pancreatic and hepatocarcinogenesis. Moore MA, et al. **Gann** 1985 Jan; 76(1):1-4

Purification and characterization of an antitumor principle from Streptococcus hemolyticus, Su strain. Yoshida J, et al. **Gann** 1985 Mar;76(3):213-23

5-Azacytidine. Promoting activity for rat hepatocellular carcinoma. Carr BI, et al. **IARC Sci Publ** 1984;(56):409-12

Primary liver cancer and oesophageal basal cell hyperplasia in rats caused by Fusarium moniliforme. Marasas WF, et al. **Int J Cancer** 1984 Sep 15;34(3):383-7

Immunocytochemical detection of oncomodulin in tumor tissue. Brewer LM, et al. **J Histochem Cytochem** 1984 Oct; 32(10):1009-16

Profound postinitiation enhancement by short-term severe methionine, choline, vitamin B12, and folate deficiency of hepatocarcinogenesis in F344 rats given a single low-dose diethylnitrosamine injection. Hoover KL, et al. **JNCI** 1984 Dec;73(6):1327-36

Hepatocarcinogenicity of diethylnitrosamine to the self-fertilizing hermaphroditic fish Rivulus marmoratus (Teleostomi: Cyprinodontidae). Park EH, et al. **JNCI** 1984 Oct;73(4):871-6

Evaluation of a histologic classification of mouse liver tumors based on pyruvate kinase isozymes and status of host lipids. Yanagi S, et al. **JNCI** 1984 Dec;73(6):1311-7

Liver regeneration and tumor growth in the rat after partial hepatectomy. Ichihashi H, et al. **Jpn J Surg** 1984 Nov; 14(6):510-4

Gravimetric, histological and cytotoxic changes of lymphoreticular tissue after implantation of tumor cells in mice. Morita K, et al. **Jpn J Surg** 1985 Mar;15(2):166-72

Transplantation studies on induced and spontaneous nodules from B6C3F1 mouse liver. Essigmann E, et al. **Toxicol Pathol** 1984;12(3):211-20

[Study on cytokinetics of cirrhosis and liver cancer in rats during carcinogenesis induced by 60Co irradiation] Gao FM. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):177-81 (Eng. Abstr.) **(Chi)**

[The effect of modification of the intracellular distribution of polyamines on the proliferation of hepatocytes treated with 2-methyl-9-hydroxyellipticine] Quemener V, et al. **J Nat Prod** 1985 May-Jun;48(3):376-89 (Eng. Abstr.) **(Fre)**

[Interference of polyester inflammation on the development of Yoshida ascites hepatoma in the rat] Ventrelli I, et al. **Boll Soc Ital Biol Sper** 1985 Mar 30;61(3):445-52 (Eng. Abstr.) **(Ita)**

[Effect of multiple injections of hepatic chalones on the multiplication of hepatoma 22a cells and the primary immune response in the body] Zakharov VB, et al. **Eksp Onkol** 1984;6(2):26-9 (Eng. Abstr.) **(Rus)**

[Experimental data on the effect of chalone on tumor growth] Mkrtchian LN, et al. **Vopr Onkol** 1984;30(11):64-7 (Eng. Abstr.) **(Rus)**

[Lycurim in combined chemotherapy in vitro] Ban J. **Lijec Vjesn** 1984 Sep;106(9):374-8 (Eng. Abstr.) **(Ser)**

PHYSIOPATHOLOGY

Enhancement of colony-stimulating activity (CSA) on murine CFU-gm by the H-4-II-E2 (H4) tumor cell line of the rat. Kovacs CJ, et al. **Int J Cell Cloning** 1984 Nov; 2(6):368-82

Loss of reciprocal modulations of growth and liver function of hepatoma cells in culture by contact with cells or cell membranes. Nakamura T, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6398-402

[Changes in tumor transvascular pressure difference associated with tumor growth: implications for angiotensin-induced hypertension chemotherapy] Hori K, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1630-7 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Inhibitory potential of acetaminophen and o-, m-, p-aminophenols for development of gamma-glutamyltranspeptidase-positive liver cell foci in rats pretreated with diethylnitrosamine. Kurata Y, et al. **Cancer Lett** 1985 Aug;28(1):19-25

Inhibition of aflatoxin B1-hepatocarcinogenesis in rats by beta-naphthoflavone. Gurtoo HL, et al. **Carcinogenesis** 1985 May;6(5):675-8

Concentration-dependent inhibition of development of GGT positive foci in rat liver by the environmental contaminant di(2-ethylhexyl) phthalate. DeAngelo AB, et al. **Environ Health Perspect** 1985 May;60:381-5

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):333-41

Tamoxifen alone or in combination with estradiol-17 beta inhibits the growth and malignant transformation of hepatic hyperplastic nodules. Mishkin SY, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):615-23

RADIOGRAPHY

A CT technique to evaluate the development of carcinogen-induced neoplasia in the rat liver. Silverman PM, et al. **Invest Radiol** 1985 May-Jun;20(3):267-71

RADIONUCLIDE IMAGING

Syntheses of 18F-labeled pyrimidines and their usefulness for tumor imaging. Ishiwata K, et al. **Nucleic Acids Symp Ser** 1984;(15):25-8

SECONDARY

Therapeutic efficacy of glucan in a murine model of hepatic metastatic disease. Williams DL, et al. **Hepatology** 1985 Mar-Apr;5(2):198-206

Combined effect of 5-fluorouracil and interferon on experimental liver metastases of rat colon carcinoma. Marquet RL, et al. **J Cancer Res Clin Oncol** 1985; 109(2):156-8

SECRETION

Secretion of a nonspecific lipid transfer protein by hepatoma cells in culture. Crain RC, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):290-7

Dexamethasone permits the release of an inhibitor of pyruvate dehydrogenase from Reuber H-35 hepatoma cells in response to insulin. Esau BD, et al. **Endocrinology** 1985 Aug;117(2):698-703

THERAPY

Effects of local microwave hyperthermia and 5-fluorouracil in treatment of experimental liver cancer. Hugander A, et al. **Anticancer Res** 1985 May-Jun;5(3):281-5

Inhibition of tumor growth in mice treated with synthetic muramyl dipeptide. Bubeník J, et al. **Cancer Immunol Immunother** 1984;18(2):123-5

Successful immunotherapy of murine experimental hepatic metastases with lymphokine-activated killer cells and recombinant interleukin 2. Lafreniere R, et al. **Cancer Res** 1985 Aug;45(8):3735-41

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717-23

Blockage of the hepatic-artery blood flow by biodegradable microspheres (Spherex) combined with local hyperthermia in the treatment of experimental liver tumors in rats. Erichsen C, et al. **J Cancer Res Clin Oncol** 1985; 109(1):38-41

The effects of hyperthermia on vascular permeability in experimental liver metastasis. Lefor AT, et al. **J Surg Oncol** 1985 Apr;28(4):297-300

Total parenteral nutrition with and without fat as substrate for growth of rats and transplanted hepatocarcinoma. King WW, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug; 9(4):422-7

Eradication of microscopic metastases with intratumoral injection of bacillus Calmette-Guerin. Sakita M, et al. **Jpn J Surg** 1984 Sep;14(5):413-9

[Combined therapy with microwave hyperthermia and adriamycin in MM2-bearing mice] Honda H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2563-7 (Eng. Abstr.) **(Jpn)**

[Induction of LAK cells in peritoneal cavity of mice after ip injection of OK-432 and antitumor effect of these LAK cells] Ishida N, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2681-90 (Eng. Abstr.) **(Jpn)**

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (1) Experimental study on basic characteristics in dogs] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):250-7 (Eng. Abstr.) **(Jpn)**

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (2) Chemotherapeutic effects on a model hepatoma using VX-2 carcinoma in rabbits] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):258-64 (Eng. Abstr.) **(Jpn)**

[Shared antigens between BCG and tumor cells--immunotherapy with BCG for mouse tumor] Sasaki J, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1432-9 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of Lactobacillus casei YIT 9018 (LC 9018)--effect of administration route] Yokokura T, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2427-33 (Eng. Abstr.) **(Jpn)**

[Experimental studies on the treatment and prophylaxis of cancer by immunoactivators and interferon] Kitasato M. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1472-80 (Eng. Abstr.) **(Jpn)**

[Experimental study on the antitumor activity of regional lymph nodes during immunotherapy] Kawata H. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1479-89 (Eng. Abstr.) **(Jpn)**

[Experimental studies of hyperthermia against MH134 tumor on mice. Antitumor effects under various conditions of heating] Matsuzaki Y. **Nippon Geka Gakkai Zasshi** 1984 Jul;85(7):633-42 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of ribonucleases] Kurinenko BM. **Eksp Onkol** 1985;7(2):3-8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Solute-excluded volumes near the Novikoff cell surface. Polefka TG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C350-6

Cell membrane polarity in rat ascites hepatoma cells. Distribution of a cell surface-associated adhesive factor on the cell surfaces. Ishimaru Y, et al. **Cell Tissue Res** 1985; 240(2):353-9

Silver staining, immunofluorescence, and immunoelectron microscopic localization of nucleolar phosphoproteins B23 and C23. Spector DL, et al. **Chromosoma** 1984;90(2):139-48

Kinetics of monensin-induced swelling of Golgi apparatus cisternae of H-2 hepatoma cells. Morré DJ, et al. **Eur J Cell Biol** 1985 May;37:107-10

Effects of dibutyryl adenosine 3'-5' cyclic monophosphate on the ultrastructure of rat ascites hepatoma cells and on the intracellular localization of alpha-fetoprotein. Torii M, et al. **Gann** 1984 Dec;75(12):1083-8

Studies on satellite nucleoli of hepatocytes. Smetana K, et al. **Histochem J** 1985 May;17(5):527-8

Brief extraction with detergent induces the appearance of many plasma membrane-associated microtubules in hepatocytic cells. Mesland DA, et al. **J Cell Sci** 1984 Jun; 68:113-37

Cell to cell association in Zajdela ascitic hepatoma. An ultrastructural study. Gupta PD, et al. **J Submicrosc Cytol** 1985 Jul;17(3):421-7

Ultrastructural and cytochemical study of the early stages of liver colonization by transplanted neoplastic hepatocytes. Bernaert D, et al. **JNCI** 1985 Sep;75(3):545-59

[Role of microtubules and intermediate filaments in maintaining the shape of epithelial cells] Karavanova ID, et al. **Tsitologiia** 1985 Jun;27(6):693-7 (Eng. Abstr.) **(Rus)**

LIVER REGENERATION

The metabolism of [3H] pteroylglutamic acid in rat liver during regeneration after partial hepatectomy. Bovina C, et al. **Acta Vitaminol Enzymol** 1984;6(4):283-8

Carbamoyl-phosphate synthetase I activity and ureagenesis in regenerating liver of the normal rat. Goodman MW, et al. **Am J Physiol** 1985 May;248(5 Pt 1):G501-6

Somatomedin C/insulinlike growth factor I during liver regeneration in the rat. Russell WE, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E618-23

The characterization and partial purification of hepatocyte proliferation factor. Schwarz LC, et al. **Ann Surg** 1985 Sep; 202(3):296-302

Adenosine aminohydrolase activity in the regenerating rat liver. Sheid B. **Arch Biochem Biophys** 1985 Apr; 238(1):259-62

DNA polymerases and DNA topoisomerases solubilized from nuclear matrices of regenerating rat livers. Nishizawa M, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):917-24

Changes in chromatin structure during rat liver regeneration as demonstrated by thermal melting analyses. Letnansky K, et al. **Biochem Int** 1983 Jun;6(6):783-8

Lipoperoxides, vitamin E, and activities of superoxide dismutase, glutathione peroxidase, and catalase in regenerating rat liver. Ueda K, et al. **Biochem Int** 1983 Nov;7(5):663-9

Alterations in fucosyl oligosaccharides of glycoproteins during rat liver regeneration. Kato S, et al. **Biochem J** 1985 Jul 15;229(2):521-8

Re-utilization of pyrimidine nucleotides during rat liver regeneration. Nikolov EN, et al. **Biochem J** 1985 May 15; 228(1):27-33

Phenylalanine hydroxylase isozymes in regenerating liver: effects of diet and age. Crawford RD, et al. **Biochem Med** 1985 Feb;33(1):77-89

Serum alpha-fetoprotein in fulminant hepatitis and hepatic regeneration following partial hepatectomy. Watanabe A, et al. **Biochem Med** 1984 Aug;32(1):132-7

Continued depression of hepatic uroporphyrinogen decarboxylase activity caused by hexachlorobenzene or 2,3,7,8-tetrachlorodibenzo-p-dioxin despite regeneration after partial hepatectomy. Smith AG, et al. **Biochem Pharmacol** 1985 May 15;34(10):1817-20

Alteration in the capacities as well as in the zonal and cellular distributions of pyruvate kinase L and M2 in regenerating rat liver. Chatzipanagiotou S, et al. **Biol Chem Hoppe Seyler** 1985 Mar;366(3):271-80

Short term regulation of acyl CoA: cholesterol acyl transferase (ACAT) activity in the regenerating and perinatal liver. Bruscalupi G, et al. **Biosci Rep** 1985 Mar; 5(3):237-42

Changes in the cytoplasmic and nuclear activities of the ribonucleotide reductase holoenzyme and its subunits in regenerating liver cells in normal and thyroparathyroidectomized rats. Youdale T, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):914-9

Ability of partial hepatectomy to induce gamma-glutamyltranspeptidase in regenerated and transplanted hepatocytes of Fischer 344 and Wistar-Furth rats. Bone SN 3d, et al. **Cancer Res** 1985 Mar;45(3):1222-8

Homology between rat liver RNA populations during development, regeneration, and neoplasia. Petropoulos CJ, et al. **Cancer Res** 1985 Oct;45(10):5114-21

Behaviour of tyrosine amino transferase and convertase during the first hours after hepatectomy in rats. Biondi R, et al. **Cell Biochem Funct** 1983 Jul;1(2):97-102

Quantitative and qualitative changes of plasma membrane glycoproteins in the early period of liver regeneration. Enrich C, et al. **Cell Biochem Funct** 1984 Oct;2(4):269-75

The endoplasmic reticulum in regenerating liver cells. Lewan L, et al. **Cell Tissue Res** 1985;240(1):243-6

The development of regenerative nodules in Budd-Chiari syndrome demonstrated by liver scan. Simon DC, et al. **Clin Nucl Med** 1985 May;10(5):374-5

Calcium binding to normal, regenerating and diabetic liver plasma membrane. Nassar CF, et al. **Comp Biochem Physiol [A]** 1984;78(4):829-32

Tumor growth in liver atrophy and growth. An experimental study in rats. Rozga J, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):135-40

Plasma membrane changes in hepatocytes from normal and regenerating rat liver. Cajone F, et al. **Eur J Cell Biol** 1985 Jul;38(1):174-7

Changes in activity and F1 content of mitochondrial H+-ATPase in regenerating rat liver. Buckle M, et al. **FEBS Lett** 1985 Sep 2;188(2):345-51

Pre-replicative changes of the rat sinusoidal plasma membrane glycoproteins during hepatic regeneration. Enrich C, et al. **FEBS Lett** 1985 Feb 11;181(1):12-6

Liver carnitine metabolism after partial hepatectomy in the rat. Effects of nutritional status and inhibition of carnitine palmitoyltransferase. Schofield PS, et al. **FEBS Lett** 1985 May 20;184(2):214-20

Bile secretion in regenerating liver--a comparison of hepatic resection and ligation of the portal vein branch in dogs. Ichikawa H, et al. **Gastroenterol Jpn** 1984 Aug;19(4):320-7

Peculiar purine nucleotides and liver regeneration. Bissell DM. **Gastroenterology** 1985 Oct;89(4):914-6

Rat liver regeneration after 90% partial hepatectomy. Gaub J, et al. **Hepatology** 1984 Sep-Oct;4(5):902-4

Recovery of liver function in partially hepatectomized rats evaluated by aminopyrine demethylation capacity. Sendama I, et al. **Hepatology** 1985 Jul-Aug;5(4):629-33

Time course and mechanism of alterations in proton relaxation during liver regeneration in the rat. Sostman HD, et al. **Hepatology** 1985 Jul-Aug;5(4):538-43

Reduced transport of bilirubin and asialoorosomucoid in regenerating rat liver is a microtubule-independent event. Stollman YR, et al. **Hepatology** 1985 Sep-Oct;5(5):798-804

Discordance between glucokinase activity and insulin and glucagon receptor changes occurring during liver regeneration in the rat. Francavilla A, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:47-50

Glycosidases in normal and regenerating chicken liver, hepatoma Mc-29, Rous sarcoma, in turkey poult liver and hemocytoblastomes, provoked by the leukosis virus strain Mc-31. Chelibonova-Lorer H, et al. **Int J Biochem** 1985; 17(4):541-4

The uptake of [3H] pteroylglutamic acid into rat liver during regeneration and its incorporation into pteroylpolyglutamates of that organ. Marchetti M, et al. **Int J Vitam Nutr Res** 1985;55(1):53-8

Monitoring liver regeneration after right hepatectomy. Farinati F, et al. **Ital J Surg Sci** 1985;15(1):75-7

Preparation and allotransplantation of isolated hepatocytes in partially hepatectomized rats. Morsiani E, et al. **Ital J Surg Sci** 1985;15(1):23-9

Influence of pulsed electromagnetic fields on regenerating rat liver after partial hepatectomy. Ottani V, et al. **J Anat** 1984 Sep;139 (Pt 2):253-63

Decreased transfer of oligosaccharide from oligosaccharide-lipid to protein acceptors in regenerating rat liver. Oda-Tamai S, et al. **J Biol Chem** 1985 Jan 10; 260(1):57-63

Use of a monoclonal antibody to quantify (Na+,K+)-ATPase activity and sites in normal and regenerating rat liver. Schenk DB, et al. **J Biol Chem** 1984 Dec 10;259(23):14941-51

Fidelity of DNA polymerases isolated from regenerating liver chromatin of aging Mus musculus. Silber JR, et al. **J Biol Chem** 1985 Jan 25;260(2):1304-10

Ultrastructural localization of cAMP-dependent protein kinase subunits in regenerating rat hepatocytes using immunogold electron microscopy. Squinto SP, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):65-73

Course of hepatic regeneration after 80% to 90% resection of normal rat liver. Comparison with two-lobe and one-lobe hepatectomy. Zieve L, et al. **J Lab Clin Med** 1985 Mar;105(3):331-6

Gene expression during liver regeneration. Friedman JM, et al. **J Mol Biol** 1984 Oct 15;179(1):37-53

Alpha-fetoprotein secretion by injured and regenerating hepatocytes in the dog. Madsen AC, et al. **J Surg Res** 1984 Nov;37(5):402-8

Liver regeneration and tumor growth in the rat after partial hepatectomy. Ichihashi H, et al. **Jpn J Surg** 1984 Nov; 14(6):510-4

Regulated transcription of c-Ki-ras and c-myc during compensatory growth of rat liver. Goyette M, et al. **Mol Cell Biol** 1984 Aug;4(8):1493-8

Influence of negative air ions on liver regeneration. Crăciun O, et al. **Morphol Embryol (Bucur)** 1984 Oct-Dec; 30(4):289-94

Regulation of hepatocyte proliferation. The feed-back system of hepatopoietin. Ruhenstroth-Bauer G, et al. **Naturwissenschaften** 1984 Aug;71(8):404-7

Effect of triiodothyronine or etiroxate on DNA synthesis in intact and regenerating liver. Cervinková Z, et al. **Physiol Bohemoslov** 1984;33(6):501-6

Estrogen and androgen receptors in liver: their role in liver disease and regeneration. Eagon PK, et al. **Semin Liver Dis** 1985 Feb;5(1):59-69 (138 ref.)

Effects of regenerating liver cytosol on drug-induced hepatic failure. Ohkawa M, et al. **Surgery** 1985 Apr;97(4):455-62

Selective changes in cytochrome P-450 and UDP-glucuronosyltransferase subpopulations following partial hepatectomy in rats. Iversen PL, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):10-8

A comparison of mirex-induced liver growth to liver regeneration. Karl PI, et al. **Toxicol Lett** 1984 Oct; 23(1):127-33

The influence of environmental factors upon induced compensatory hyperplasia in the rat liver. Alison MR, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):167-73

[Effects of Astragalus saponin 1 on cAMP and cGMP levels in plasma and DNA synthesis in the regenerating liver] Zhang YD, et al. **Yao Hsueh Hsueh Pao** 1984 Aug; 19(8):619-21 (Eng. Abstr.) **(Chi)**

[Evaluation of biological data using nonparametric estimation of the average difference on the TI-59 calculator] Klemera P, et al. **Cesk Fysiol** 1985;34(3):251-5 **(Cze)**

[Dicrocoeliasis of sheep: studies of the pathogenesis and regeneration of the liver following therapy] Wolff K, et al. **Berl Munch Tierarztl Wochenschr** 1984 Oct 1; 97(10):378-87 (Eng. Abstr.) **(Ger)**

[Regeneration of liver parenchyma and sinusoidal cells following partial hepatectomy] Simon H, et al. **Zentralbl Allg Pathol** 1985;130(1):57-62 (Eng. Abstr.) **(Ger)**

[Cyclic AMP response to glucagon after partial hepatectomy] Funakoshi R. **Hokkaido Igaku Zasshi** 1985 May; 60(3):327-34 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on regeneration of the cirrhotic liver after major hepatectomy: comparison with the volume and function of the normal liver during recovery] Kawai Y. **Nippon Geka Gakkai Zasshi** 1984 Oct; 85(10):1317-31 (Eng. Abstr.) **(Jpn)**

[An experimental study on the role of pancreatic hormones in the regeneration of the canine liver] Kuroda H. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):576-86 (Eng. Abstr.) **(Jpn)**

[Liver regeneration and the immune system. 1. In vitro and in vivo activation of lymphocytes by liver regeneration] Miyahara S. **Nippon Geka Gakkai Zasshi** 1984 Aug; 85(8):791-8 (Eng. Abstr.) **(Jpn)**

[Liver regeneration and the immune system. II. Suppressor activities of lymphocytes activated in vivo by liver regeneration and their genetic control] Miyahara S. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1308-16 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of hepatocellular regeneration after partial hepatectomy and administration of hepatotrophic factors] Sato N. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):799-810 (Eng. Abstr.) **(Jpn)**

[Effect of splenectomy on liver regeneration after partial hepatectomy--on the metabolism of polyamine] Kubo S, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):100-7 (Eng. Abstr.) **(Jpn)**

[Effects of in vivo hyperthermo-chemotherapeutic perfusion of the normal and regenerating liver on the aminopyrine breath test in the rats] Miyazaki M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):255-60 (Eng. Abstr.) **(Jpn)**

[Small intestine-derived hepatic regenerating factor] Okabe K. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):338 **(Jpn)**

[The changes in gangliosides in the liver and serum in hepatectomized rats] Okabe K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1417 **(Jpn)**

[Computed tomography of the regenerative nodules accompanied by liver cirrhosis] Yamamoto S, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1013-5 (Eng. Abstr.) **(Jpn)**

[Effect of simultaneous partial pancreatectomy on liver regeneration in domestic chickens] Dzhivanian KA. **Biull Eksp Biol Med** 1985 Jun;99(6):744-7 (Eng. Abstr.) **(Rus)**

[Cytoskeletal reorganization in hepatocytes of the regenerating mouse liver] Gleĭberman AS, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):741-3 (Eng. Abstr.) **(Rus)**

[Nicotinamide coenzyme content in the normal and regenerating liver of rats] Pasos F, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):432-4 (Eng. Abstr.) **(Rus)**

[Liver regeneration at different stages of mononuclear infiltration induced by zymosan granules] Shcherbakov VI, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):288-90 (Eng. Abstr.) **(Rus)**

[Capacity of intact and regenerating liver to trap CFUs] Starostin VI, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):344-5 (Eng. Abstr.) **(Rus)**

[Intratissular control of energy metabolism in the rat liver during starvation in the early period after a partial hepatectomy] Elbakidze GM, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Jul-Aug;(4):529-34 (Eng. Abstr.) **(Rus)**

[Stimulation of restorative processes in the liver after its massive lesions and resection (experimental study)] Gal'perin EI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):82-7 (Eng. Abstr.) **(Rus)**

[Promotion of regeneration in extensive lesions of the liver (review of the literature)] Karagiulian SR, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):139-43 (60 ref.) **(Rus)**

[Aminoacyl-tRNA-synthetases and their high molecular weight complexes in the regenerating rat liver] Iaremchuk AD, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1336-41 (Eng. Abstr.) **(Rus)**

[Use of the method of nucleus sedimentation fractionation for studying the dynamics of cell populations in the regenerating liver] Kolosov EV, et al. **Tsitologiia** 1984 Aug; 26(8):968–73 (Eng. Abstr.) **(Rus)**

[Physico-chemical properties of IgG characteristic for normal growth] Nikolaenko AN, et al. **Ukr Biokhim Zh** 1984 Sep–Oct;56(5):493–8 (Eng. Abstr.) **(Rus)**

[Synthesis of mitochondrial proteins coded in the nucleus and mitochondria of the intact and regenerating liver of rats of various ages] Litoshenko AIa. **Vopr Med Khim** 1985 Mar–Apr;31(2):105–10 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Ranitidine as an inhibitor of liver regeneration. Kanashima R, et al. **Am J Surg** 1985 Feb;149(2):223–7

Nitrous oxide does not hinder the repair of halothane-induced hepatic injury in the rat. Fassoulaki A, et al. **Anesth Analg** 1985 May;64(5):465–7

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: II. Glucose-6-phosphate dehydrogenase, malic enzyme DNA, and protein. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):775–83

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: I. Key enzymes of glycolysis and lactate dehydrogenase. Dixit A, et al. **Biochem Int** 1983 Dec; 7(6):695–706

Liver regeneration after carbon tetrachloride intoxication in the rat. Nakata R, et al. **Biochem Pharmacol** 1985 Feb 15; 34(4):586–8

Effect of trifluoperazine on DNA synthesis during liver regeneration. Soriano M, et al. **Cell Tissue Kinet** 1985 Sep; 18(5):475–81

Ammonia, octanoate and a mercaptan depress regeneration of normal rat liver after partial hepatectomy. Zieve L, et al. **Hepatology** 1985 Jan–Feb;5(1):28–31

Liver regeneration in oral contraceptive treated female rats--effects of moderate malnutrition. Mukundan MA, et al. **Horm Metab Res** 1984 Dec;16(12):641–5

Effects of postoperative adjuvant chemotherapy on liver regeneration in partially hepatectomized rats. Kohno H, et al. **Jpn J Surg** 1984 Nov;14(6):515–23

Effect of dietary vitamin E and Santoquin on regenerating rat liver. Gavino VC, et al. **Life Sci** 1985 May 6; 36(18):1771–7

Liver regeneration and hepatic microsomal enzyme induction by acetaminophen and derivatives. White AC, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):275–89

[Stimulation of hepatic regeneration] Oka H. **Nippon Naika Gakkai Zasshi** 1984 Jun;73(6):785–8 **(Jpn)**

[Effect of tritoqualine on liver regeneration after partial hepatectomy in rats] Yuasa S, et al. **Nippon Yakurigaku Zasshi** 1985 May;85(5):387–95 (Eng. Abstr.) **(Jpn)**

[Reparative regeneration of rat liver after treatment with bee venom] Zhdanova TF, et al. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):86–8 (Eng. Abstr.) **(Rus)**

[Reparative regeneration of the liver as a model for the preclinical study of the hepatotropism of anti-alcohol agents] Liubimov BI, et al. **Farmakol Toksikol** 1985 Jan–Feb;48(1):87–92 (Eng. Abstr.) **(Rus)**

[Characteristics of hepatocyte proliferation in the regenerating rat liver with hydroxyurea synchronization of the proliferative processes] Osipova LA, et al. **Tsitologiia** 1984 Nov;26(11):1278–82 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[Cyclic nucleotide levels in the regenerating liver of rats following irradiation and protection by serotonin] Aslamova LI, et al. **Radiobiologiia** 1985 May–Jun; 25(3):324–7 (Eng. Abstr.) **(Rus)**

[DNA synthesis in the mono- and binuclear cells of regenerating rat liver after x-ray irradiation] Polishchuk AM, et al. **Tsitologiia** 1984 Aug;26(8):942–7 (Eng. Abstr.) **(Rus)**

LIVIDOMYCINS see under **PAROMOMYCIN**

LIVING WILLS see **WILLS**

LIVOR MORTIS see **POSTMORTEM CHANGES**

LIZARDS

Gila monster bites. Burnett JW, et al. **Cutis** 1985 Apr; 35(4):323

Effect of adenosine 5'triphosphate (ATP) on the isolated rectum of the rainbow lizard Agama agama. Savage AO, et al. **Gen Pharmacol** 1985;16(3):235–40

Two cases of renal neoplasia in a colony of desert iguanas. Burt DG, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1423–5

Aspergillosis in two San Esteban chuckwallas. Tappe JP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1425–8

Fecal pellets from a commensal shrew (Suncus murinus) and a house gecko (Gekkonidae). Olsen AR. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1035–6

Progressive digital necrosis in the eastern blue-tongued skink, Tiliqua scincoides (Shaw). Hazell SL, et al. **J Wildl Dis** 1985 Apr;21(2):186–8

[Allergic bronchial asthma caused by lizard scales] Uhl B, et al. **Hautarzt** 1985 Mar;36(3):165–7 (Eng. Abstr.) **(Ger)**

[Establishment of reptilian cell cultures] Ahne W. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):634–6 (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

Morphological and morphometrical study of the kidney of the male tropical lizard Tropidurus torquatus. Soares AM, et al. **Anat Anz** 1984;157(5):365–73

Apical dendritic spines and axonic terminals in the bipyramidal neurons of the dorsomedial cortex of lizards (Lacerta). Martinez Guijarro FJ, et al. **Anat Embryol (Berl)** 1984;170(3):321–6

Ascending and descending axon collaterals efferent from the brainstem reticular formation. A retrograde fluorescent tracer study in the lizard, Varanus exanthematicus. ten Donkelaar HJ, et al. **Brain Res** 1984 Nov 19;322(1):184–8

Capillarization, mitochondrial densities, oxygen diffusion distances and innervation of red and white muscle of the lizard Dipsosaurus dorsalis. Gleeson TT, et al. **Cell Tissue Res** 1984;237(2):253–8

A comparative study of two reptilian muscles. I. Histology of striated muscles. Ramadan AA, et al. **Folia Morphol (Praha)** 1984;32(3):293–300

A comparative study of two reptilian muscles. II. Histology of cardiac muscles. Ramadan AA, et al. **Folia Morphol (Praha)** 1984;32(3):301–6

Immunohistochemical localization of substance P-like immunoreactivity in the hypothalamus of the lizard, Podarcis sicula, R. Gaudino G, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):32–40

Cerebellar efferents in the lizard Varanus exanthematicus. I. Corticonuclear projections. Bangma GC, et al. **J Comp Neurol** 1984 Sep 20;228(3):447–59

Cerebellar efferents in the lizard Varanus exanthematicus. II. Projections of the cerebellar nuclei. Bangma GC, et al. **J Comp Neurol** 1984 Dec 1;230(2):218–30

Telencephalic connections in lizards. I. Projections to cortex. Bruce LL, et al. **J Comp Neurol** 1984 Nov 10; 229(4):585–601

Telencephalic connections in lizards. II. Projections to anterior dorsal ventricular ridge. Bruce LL, et al. **J Comp Neurol** 1984 Nov 10;229(4):602–15

Quantitative studies of auditory hair cells and nerves in lizards. Miller MR. **J Comp Neurol** 1985 Feb 1;232(1):1–24

Cochlear nerve of the alligator lizard. Mulroy MJ, et al. **J Comp Neurol** 1985 Mar 22;233(4):463–72

Morphological basis of the feeding mechanics in the shingle-back lizard Tracnydosaurus rugosus (Scincidae, Reptilia). Wineski LE, et al. **J Morphol** 1984 Sep; 181(3):271–95

A new stabilizing agent for the tetramethyl benzidine (TMB) reaction product in the histochemical detection of horseradish-peroxidase (HRP). Olucha F, et al. **J Neurosci Methods** 1985 Apr;13(2):131–8

Structural changes in auditory hairs during temporary deafness. Mulroy MJ, et al. **Scan Electron Microsc** 1984; (Pt 2):831–40

The ultrastructure of the renal corpuscle of a lizard. Gabri MS, et al. **Tissue Cell** 1984;16(4):627–34

Nerve endings in the lizard skin (Lacerta viridis). Páč L. **Z Mikrosk Anat Forsch** 1984;98(6):939–50

BLOOD

Calcemic responses of Varanus flavescens to prolactin administration. Swarup K, et al. **J Physiol (Paris)** 1985; 80(1):42–3

EMBRYOLOGY

On a few embryonic structures forming evolutionary connections between the two Sauropsida classes (morphogenesis of the nasal capsule, the epithelial nasal tube and the organ of Jacobson in Sauropsida XVI). Slabý O. **Folia Morphol (Praha)** 1985;33(2):192–200

Morphogenesis of the nasal apparatus in a member of the genus Chamaeleon L. (morphogenesis of the nasal capsule, the epithelial nasal tube and the organ of Jacobson in Sauropsida. VIII). Slabý O. **Folia Morphol (Praha)** 1984; 32(3):225–46

Development of parathyroid gland of the lizard, Calotes versicolor (Daudin). Akbarsha MA. **Z Mikrosk Anat Forsch** 1985;99(2):204–8

[Comparative study of embryonal development in 2 oviparous and 1 ovoviviparous species (Gallus gallus, Coturnix c. japonica and Liolaemus tenuis t.)] Lemus P, et al. **Anat Histol Embryol** 1984 Sep;13(3):252–60 (Eng. Abstr.) **(Spa)**

GENETICS

Length variation and heteroplasmy are frequent in mitochondrial DNA from parthenogenetic and bisexual lizards (genus Cnemidophorus). Densmore LD, et al. **Genetics** 1985 Aug;110(4):689–707

IMMUNOLOGY

Distribution and ontogeny of B cells in the garden lizard, Calotes versicolor. Natarajan K, et al. **Dev Comp Immunol** 1985 Spring;9(2):301–10

Immunoglobulin classes in the garden lizard, Calotes versicolor. Natarajan K, et al. **Dev Comp Immunol** 1984 Fall;8(4):845–54

Effect of hydrocortisone on immune system of the lizard, Chalcides ocellatus. II. Differential action on T and B lymphocytes. Saad AH, et al. **Dev Comp Immunol** 1984 Fall;8(4):835–44

Mixed leukocyte reaction, graft-versus-host reaction, and skin allograft rejection in the lizard, Chalcides ocellatus. Saad AH, et al. **Immunobiology** 1984 May;166(4–5):484–93

A comparison of selected immunological techniques used to detect anti-leishmanial antibodies in the sera of two reptile species. Ingram GA, et al. **J Immunol Methods** 1984 Dec 14;75(1):53–64

Responses of European green lizards Lacerta viridis following administration of Leishmania agamae promastigotes. Ingram GA, et al. **Vet Parasitol** 1984 Dec; 17(1):1–15

METABOLISM

Age-related differences in the response of hepatic oxygen consumption to thermal stress in the male garden lizard. Kara TC, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):29–35

Alterations of cell membrane composition during prolonged fasting in lizards. Gillett MP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):219–25

Localization of neurons containing pro-opiomelanocortin-related peptides in the hypothalamus and midbrain of the lizard, Anolis carolinensis: evidence for region-specific processing of beta-endorphin. Dores RM, et al. **Brain Res** 1984 Dec 24; 324(2):384–9

The energetic cost of the fever response in three species of ectothermic vertebrates. Muchlinski AE. **Comp Biochem Physiol [A]** 1985;81(3):577–9

Comparison of thermal acclimation effects on the metabolism of Chalcides ocellatus (desert lizard) and Lacerta vivipara (cool-temperate lizard). Al-Sadoon MK, et al. **Comp Biochem Physiol [A]** 1985;81(4):939–43

External incubation alters the composition of squamate eggshells. Cox DL, et al. **Comp Biochem Physiol [B]** 1984; 79(3):481–7

Hepatic cholesteryl ester metabolism in reptiles. A comparative study of three species of Brazilian lizards. Gillett MP, et al. **Comp Biochem Physiol [B]** 1984; 79(4):607–12

Influence of species, sex and drug pretreatment on the metabolism of metyrapone. Dixon PA, et al. **Comp Biochem Physiol [C]** 1985;81(1):241–3

Identification of epitestosterone in the plasma and testis of the lizard Tiliqua (Trachydosaurus) rugosa. Bourne AR, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):394–401

In vitro steroid biosynthesis by the adrenal gland of the female Lacerta vivipara Jacquin: the metabolism of exogenous precursors. Dauphin-Villemant C, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):1–9

Role of thyroid and testicular hormones in the oxidative metabolism of the Indian garden lizard, Calotes versicolor. Gupta BB, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):20–7

Extrathyroidal conversion of thyroxine to triiodothyronine in Calotes versicolor. Kar A, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):214–8

A sulphide-osmium procedure for detection of metal-containing synaptic boutons in the lizard cerebral cortex. Lopez-Garcia C, et al. **J Neurosci Methods** 1984 Sep;11(4):211–20

Distribution of serotonin in the brain stem and spinal cord of the lizard Varanus exanthematicus: an immunohistochemical study. Wolters JG, et al. **Neuroscience** 1985 Jan;14(1):169–93

Distribution of catecholamines in the brain stem and spinal cord of the lizard Varanus exanthematicus: an immunohistochemical study based on the use of antibodies to tyrosine hydroxylase. Wolters JG, et al. **Neuroscience** 1984 Oct;13(2):469–93

[Trp7,Leu8]LH-RH in reptilian brain. Powell RC, et al. **Peptides (Fayetteville)** 1985 Mar–Apr;6(2):223–7

Acid-base balance during lactic acid infusion in the lizard Varanus salvator. Mitchell GS, et al. **Respir Physiol** 1985 May;60(2):253–66

Microspectrophotometric study of visual pigments in five species of geckos. Govardovskiĭ VI, et al. **Vision Res** 1984; 24(10):1421–3

PARASITOLOGY

A survey of helminth parasites of game animals in Kainji Lake National Park of Nigeria. Crockett EC, et al. **Int J Zoonoses** 1984 Dec;11(2):204–15

Life cycle and postembryonic development of Oochoristica anolis (Cyclophyllidea: Linstowiidae). Conn DB. **J Parasitol** 1985 Feb;71(1):10–6

Morphology of Baerietta hickmani n. sp. (Cestoda, Nematotaeniidae) from Australian scincid lizards. Jones MK. **J Parasitol** 1985 Feb;71(1):4–9

A new malaria parasite Plasmodium (Sauramoeba) heischi in skinks (Mabuya striata) from Nairobi, with a brief discussion of the distribution of malaria parasites in the family Scincidae. Garnham PC, et al. **J Protozool** 1984 Nov;31(4):518–21

Larval cestodes (Mesocestoides sp.) in the liver of the island night lizard, Xantusia riversiana. Goldberg SR.

J Wildl Dis 1985 Jul;21(3):310-2

The identity of Leishmania tarentolae Wenyon 1921. Wallbanks KR, et al. **Parasitology** 1985 Feb;90 (Pt 1):67-78

[Entomelas dujardini (Maupas, 1916), (Nematoda) in the lizard Anguis fragilis L] Bertman M, et al. **Wiad Parazytol** 1984;30(3):341-3 (Eng. Abstr.) (Pol)

PHYSIOLOGY

Physiological correlates of locomotory performance in a lizard: an allometric approach. Garland T Jr. **Am J Physiol** 1984 Nov;247(5 Pt 2):R806-15

Temperature regulation in lizards: effects of hypoxia. Hicks JW, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R595-600

Histochemical study of epididymal secretions in the lizard, Lacerta vivipara. Localization of lectin-binding sites. Depeiges A, et al. **Cell Tissue Res** 1985;239(2):463-6

Bioelectric activity from isolated brain of Lacerta atlantica. Azanza MJ. **Comp Biochem Physiol [A]** 1984;79(1):175-8

Ventilatory response to inspired CO2 in the lizard, Tupinambis nigropunctatus. Ballam GO. **Comp Biochem Physiol [A]** 1984;78(4):757-62

The influence of metabolic cost upon the level and precision of behavioral thermoregulation in an eurythermic lizard. Campbell JD. **Comp Biochem Physiol [A]** 1985; 81(3):597-601

Variability of heating and cooling rates during radiant heating in a scincid lizard, Egernia cunninghami. Fraser SP. **Comp Biochem Physiol [A]** 1985;80(3):281-6

Effect of deluteinization on plasma progesterone concentration and gestation in the lizard, Anolis carolinensis. Guillette LJ Jr, et al. **Comp Biochem Physiol [A]** 1985;80(3):303-6

Parietalectomy does not affect testicular growth in photoregulating lizards. Underwood H. **Comp Biochem Physiol [A]** 1985;80(3):411-3

Involvement of platelet activating factor in physiological stress in the lizard, Anolis carolinensis. Lenihan DJ, et al. **Comp Biochem Physiol [C]** 1985;81(1):81-6

The effect of some drugs on the mitral cell odor-evoked responses in the gecko olfactory bulb. Tonosaki K, et al. **Comp Biochem Physiol [C]** 1985;80(2):361-70

Hormonal control of femoral gland secretion in the lizard, Amphibolurus ornatus. Fergusson B, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):371-6

Luteolysis induced by prostaglandin F2 alpha in the lizard, Anolis carolinensis. Guillette LJ Jr, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):271-7

Spontaneous, rhythmic contractions of the ovarian follicular wall of a lizard (Anolis carolinensis). Jones RE, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):252-7

Induction of oviposition in cycling Anolis carolinensis requires a beta-adrenoreceptor blocker and a high dosage of arginine vasotocin. Summers CH, et al. **Gen Comp Endocrinol** 1985 Mar;57(3):389-92

Role of progesterone in the control of female sexual receptivity in Anolis carolinensis. Wu J, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):402-6

Thermal response of the monitor lizard, Varanus monitor, to increased Na+ and Ca2+ in cerebrospinal fluid. Kulshrestha VV, et al. **Indian J Exp Biol** 1984 Sep; 22(9):475-8

Strain gauge measurement of mesokinetic movement in the lizard Varanus exanthematicus. Smith KK, et al. **J Exp Biol** 1985 Jan;114:53-70

Annual testicular cycle of the lizard Anolis carolinensis: effects of pinealectomy and melatonin. Underwood H. **J Exp Zool** 1985 Feb;233(2):235-42

Acquisition of sperm motility and its maintenance during storage in the lizard, Lacerta vivipara. Depeiges A, et al. **J Reprod Fertil** 1985 May;74(1):23-7

The stimulatory effects of prostaglandins on the melanophores of the lizard, Anolis carolinensis. Lucas A, et al. **Life Sci** 1985 Mar 4;36(9):835-40

The matching of ventilation and perfusion in the lung of the Tegu lizard, Tupinambis nigropunctatus. Hlastala MP, et al. **Respir Physiol** 1985 Jun;60(3):277-94

Electrophysiological studies on the nucleus isthmi of the lizards Gekko gekko and Shinisaurus crocodilurus. Wang SR, et al. **Sci Sin [B]** 1985 Jan;28(1):36-41

LOA

Loa loa: the use of a blood cell separator to reduce microfilaraemia before specific chemotherapy. Saeed AA, et al. **J Infect** 1984 Sep;9(2):161-6

[Localization of the filaria Loa loa in the anterior chamber of the eye. Apropos of a case] Carme B, et al. **Acta Trop (Basel)** 1984 Sep;41(3):265-9 (Eng. Abstr.) (Fre)

IMMUNOLOGY

Activation of the alternative complement pathway in normal human serum by Loa loa and Brugia malayi infective stage larvae. Yates JA, et al. **Acta Trop (Basel)** 1985 Jun; 42(2):157-63

Age of appearance of IgG, IgM, and IgE antibodies specific for Loa loa in Gabonese children. Goussard B, et al. **Microbiol Immunol** 1984;28(7):787-92

LOA LOA see under **LOA**

LOAIASIS see under **FILARIASIS**

LOBBYING see under **POLITICS**

LOBELINE

TOXICITY

Effects of SKF 525-A, phenobarbital and 3-methylcholanthrene on the toxicity of lobeline sulfate. Kim HL. **Vet Hum Toxicol** 1985 Feb;27(1):1-2

LOBOTOMY see **PSYCHOSURGERY**

LOBSTEIN'S DISEASE see **OSTEOGENESIS IMPERFECTA**

LOBSTERS

ANALYSIS

The characterization of invertebrate troponin C. Shima Y, et al. **Comp Biochem Physiol [B]** 1984;79(4):525-9

Axonal microtubules of crayfish and spiny lobster nerve cords are decorated with a heat-stable protein of high molecular weight. Warren RH. **J Cell Sci** 1984 Oct;71:1-15

Heterogeneity of myofibrillar proteins in lobster fast and slow muscles: variants of troponin, paramyosin, and myosin light chains comprise four distinct protein assemblages. Mykles DL. **J Exp Zool** 1985 Apr;234(1):23-32

ANATOMY & HISTOLOGY

Intercellular junctions in the hepatopancreas of the lobster Nephrops norvegicus. Lane NJ, et al. **Biol Cell** 1984; 52(3):267-77

Sexual dimorphism of pleopod motor neurons in lobster. Page CH. **Brain Res** 1985 Jul 22;339(1):154-7

Innervation of the limb accessory flexor muscle in several decapod crustaceans. I. Anatomy. Govind CK, et al. **J Neurobiol** 1985 Jul;16(4):317-28

EMBRYOLOGY

Polyneuronal innervation of an adult and embryonic lobster muscle. Govind CK, et al. **J Embryol Exp Morphol** 1985 Jun;87:13-26

GROWTH & DEVELOPMENT

Adenylate energy charge, arginine phosphate and ATPase activity in juvenile Homarus americanus during the molt cycle. Dehn PF, et al. **Comp Biochem Physiol [B]** 1985; 81(3):629-33

METABOLISM

Glucose transport by lobster hepatopancreatic brush-border membrane vesicles. Ahearn GA, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R133-41

Analysis of marine sediment and lobster hepatopancreas reference materials by instrumental photon activation. Landsberger S, et al. **Anal Chem** 1985 Jan;57(1):196-203

Binding of oxygen and carbon monoxide to arthropod hemocyanin: an allosteric analysis. Richey B, et al. **Biochemistry** 1985 Jan 1;24(1):109-17

Coexistence of dopamine and serotonin in an identified neuron of the lobster nervous system. Cournil I, et al. **Brain Res** 1984 Sep 24;310(2):397-400

Temperature-dependent disposition of [14C]benzo(a)pyrene in the spiny lobster, Panulirus argus. Little PJ, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):325-33

PHYSIOLOGY

Voltage- and current-clamp recordings of the receptor potential in olfactory receptor cells in situ. Anderson PA, et al. **Brain Res** 1985 Jul 15;338(2):273-80

Isolation of crustacean erythrophore concentrating hormone from nerve tissue of Homarus americanus. Jaffe H, et al. **Comp Biochem Physiol [C]** 1984;78(2):397-401

Osmotically-induced trapping of terbium ions in axonal membrane vesicles. Marquis JK. **Comp Biochem Physiol [C]** 1985;80(1):203-5

Pattern and reset analysis of the gastric mill rhythm in a spiny lobster, Panulirus interruptus. Russell DF. **J Exp Biol** 1985 Jan;114:71-98

Neural basis of teeth coordination during gastric mill rhythms in spiny lobsters, Panulirus interruptus. Russell DF. **J Exp Biol** 1985 Jan;114:99-119

Conduction block in a branching axon innervating two muscles under physiological conditions. Baranes-Shahrabany O, et al. **J Neurobiol** 1984 Jul; 15(4):263-71

ULTRASTRUCTURE

Intramembrane organization of synapses in the lobster stretch receptor organ. Schaeffer SF. **J Neurocytol** 1984 Jun; 13(3):351-68

LOCATION DIRECTORIES AND SIGNS see under **FACILITY DESIGN AND CONSTRUCTION**

LOCKED-IN SYNDROME see **QUADRIPLEGIA**

LOCOMOTION

Role of the cervical and lumbar proprioceptors during stepping. An electromyographic study of the muscular activities of the lower limbs. Fukushima H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:91-105

Primate cortical bone microstructure: relationship to locomotion. Schaffler MB, et al. **Am J Phys Anthropol** 1984 Oct;65(2):191-7

Bilateral wrist dislocation in an above knee amputee with advanced rheumatoid arthritis. Attempts at ambulation. Dorto AJ, et al. **Am J Phys Med** 1984 Dec;63(6):298-302

Model of a pattern generator for locomotion in mammals. Patla AE, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R484-94

The effect of maintenance theophylline therapy on lung work in severe chronic obstructive pulmonary disease while standing and walking. Jenne JW, et al. **Am Rev Respir Dis** 1984 Oct;130(4):600-5

Blood flow properties and walking performance in chronic arterial occlusive disease. Angelkort B, et al. **Angiology** 1985 May;36(5):285-92

Pressures under normal feet in standing and walking as measured by foil pedobarography. Grieve DW, et al. **Ann Rheum Dis** 1984 Dec;43(6):816-8

Central pattern generators for locomotion, with special reference to vertebrates. Grillner S, et al. **Annu Rev Neurosci** 1985;8:233-61 (121 ref.)

Increasing independent mobility skills for a woman who was severely handicapped and nonambulatory. Walker RI, et al. **Appl Res Ment Retard** 1985;6(2):173-83

Cerebral palsy: postural-locomotor prognosis in spastic diplegia. Badell-Ribera A. **Arch Phys Med Rehabil** 1985 Sep;66(9):614-9

Fast walking velocity in health and Duchenne muscular dystrophy: a statistical analysis. Cohen L, et al. **Arch Phys Med Rehabil** 1984 Oct;65(10):573-8

Paraplegic energy expenditure during negotiation of architectural barriers. Miller NE, et al. **Arch Phys Med Rehabil** 1984 Dec;65(12):778-9

Electromyographic kinesiology of lower extremity muscles during slope walking. Tokuhiro A, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):610-3

A study of jaw reflexes of the awake cat during mastication and locomotion. Lund JP, et al. **Brain Behav Evol** 1984; 25(2-3):146-56

N-Methyl-D-aspartate (NMDA), kainate and quisqualate receptors and the generation of fictive locomotion in the lamprey spinal cord. Brodin L, et al. **Brain Res** 1985 Jan 28;325(1-2):302-6

Forelimb responses to cutaneous nerve stimulation during locomotion in intact cats. Drew T, et al. **Brain Res** 1985 Mar 11;329(1-2):323-8

Effects of sensory deafferentation on glucose metabolism of muscles during locomotion. Eidelberg E, et al. **Brain Res** 1985 Feb 18;327(1-2):316-8

Chemical activation of the mesencephalic locomotor region. Garcia-Rill E, et al. **Brain Res** 1985 Mar 18;330(1):43-54

Initiation of locomotion from the mesencephalic locomotor region: effects of selective brainstem lesions. Jell RM, et al. **Brain Res** 1985 Feb 25;328(1):121-8

Single unit sensory activity in free walking crabs: force sensitive mechanoreceptors of the dactyl. Zill SN, et al. **Brain Res** 1985 Jun 17;336(2):337-41

The 6-minute walk: a new measure of exercise capacity in patients with chronic heart failure. Guyatt GH, et al. **Can Med Assoc J** 1985 Apr 15;132(8):919-23

Prewalking locomotor movements and their use in predicting standing and walking. Robson P. **Child Care Health Dev** 1984 Sep-Oct;10(5):317-30

Some considerations and guidelines for crutch walking. Bruno J. **Clin Podiatry** 1984 Aug;1(2):291-4

Physiological cost index of walking for normal children and its use as an indicator of physical handicap. Butler P, et al. **Dev Med Child Neurol** 1984 Oct;26(5):607-12

Prolongation of walking in Duchenne muscular dystrophy with lightweight orthoses: review of 57 cases. Heckmatt JZ, et al. **Dev Med Child Neurol** 1985 Apr;27(2):149-54

Early development of locomotion: significance of prematurity, cerebral palsy and sex. Largo RH, et al. **Dev Med Child Neurol** 1985 Apr;27(2):183-91

Energy cost index as an estimate of energy expenditure of cerebral-palsied children during assisted ambulation. Rose J, et al. **Dev Med Child Neurol** 1985 Aug;27(4):485-90

Locomotor limb synergism through short latency afferent links. Brooke JD, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jan;60(1):39-45

Surface EMG profiles during different walking cadences in humans. Yang JF, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jun; 60(6):485-91

The effect of corrective surgery on energy expenditure during ambulation in children with cerebral palsy. Dahlbäck GO, et al. **Eur J Appl Physiol** 1985;54(1):67-70

Plasma FFA responses to prolonged walking in untrained men and women. Blatchford FK, et al. **Eur J Applied Physiol** 1985;53(4):343-7

Exercise and locomotion for the spinal cord injured. Glaser RM. **Exerc Sport Sci Rev** 1985;13:263-303 (167 ref.)

The distal hindlimb musculature of the cat. Cutaneous reflexes during locomotion. Abraham LD, et al. **Exp Brain Res** 1985;58(3):594-603

Control of locomotion in marine mollusc Clione limacina.

III. On the origin of locomotory rhythm. Arshavsky YuI, et al. **Exp Brain Res** 1985;58(2):273-84

Control of locomotion in marine mollusc Clione limacina. I. Efferent activity during actual and fictitious swimming. Arshavsky YuI, et al. **Exp Brain Res** 1985;58(2):255-62

Control of locomotion in marine mollusc Clione limacina. II. Rhythmic neurons of pedal ganglia. Arshavsky YuI, et al. **Exp Brain Res** 1985;58(2):263-72

Control of locomotion in marine mollusc Clione limacina. IV. Role of type 12 interneurons. Arshavsky YuI, et al. **Exp Brain Res** 1985;58(2):285-93

Control of locomotion in marine mollusc--Clione limacina. V. Photoinactivation of efferent neurons. Arshavsky YuI, et al. **Exp Brain Res** 1985;59(1):203-5

Ontogeny of human locomotor control. I. Infant stepping, supported locomotion and transition to independent locomotion. Forssberg H. **Exp Brain Res** 1985;57(3):480-93

Reversible cooling of the brainstem reveals areas required for mesencephalic locomotor region evoked treadmill locomotion. Shefchyk SJ, et al. **Exp Brain Res** 1984; 56(2):257-62

Interlimb coordination during stepping in the cat: the role of the dorsal spinocerebellar tract. English AW. **Exp Neurol** 1985 Jan;87(1):96-108

Arboreality and bipedality in the Hadar hominids. Susman RL, et al. **Folia Primatol (Basel)** 1984;43(2-3):113-56

Falls and mobility in late life: an ecological model. Hogue CC. **J Am Geriatr Soc** 1984 Nov;32(11):858-61

Modulation of limb dynamics in the swing phase of locomotion. Hoy MG, et al. **J Biomech** 1985;18(1):49-60

Joint forces in the human pelvis-leg skeleton during walking. Röhrle H, et al. **J Biomech** 1984;17(6):409-24

Passive and active components of the internal moment developed about the ankle joint during human ambulation. Siegler S, et al. **J Biomech** 1984;17(9):647-52

A technique for estimating mechanical work of individual muscles in the cat during treadmill locomotion. Whiting WC, et al. **J Biomech** 1984;17(9):685-94

An hypothesis for the role of the spine in human locomotion: a challenge to current thinking. Gracovetsky S. **J Biomed Eng** 1985 Jul;7(3):205-16

Walking ability after transplantation of the iliopsoas. A long-term follow-up. Stillwell A, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):656-9

Metabolic indicators of fibre recruitment in mammalian muscles during locomotion. Armstrong RB, et al. **J Exp Biol** 1985 Mar;115:201-13

Efficiency of vertebrate locomotory muscles. Heglund NC, et al. **J Exp Biol** 1985 Mar;115:283-92

Force development during sustained locomotion: a determinant of gait, speed and metabolic power. Taylor CR. **J Exp Biol** 1985 Mar;115:253-62

Amoeboid locomotion of Acanthamoeba castellanii with special reference to cell-substratum interactions. Preston TM, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2317-23

Phase-dependent responses evoked in limb muscles by stimulation of medullary reticular formation during locomotion in thalamic cats. Drew T, et al. **J Neurophysiol** 1984 Oct;52(4):653-75

Mechanisms of pattern generation underlying swimming in Tritonia. IV. Gating of central pattern generator. Getting PA, et al. **J Neurophysiol** 1985 Feb;53(2):466-80

Phasic and tonic modulation of impulse rates in gamma-motoneurons during locomotion in premammillary cats. Murphy PR, et al. **J Neurophysiol** 1984 Aug; 52(2):228-43

Synaptic potentials in motoneurons during fictive swimming in spinal Xenopus embryos. Roberts A, et al. **J Neurophysiol** 1985 Jul;54(1):1-10

Development of locomotor mechanisms in the frog. Stehouwer DJ, et al. **J Neurophysiol** 1985 Jun; 53(6):1453-66

Impulse rates and sensitivity to stretch of soleus muscle spindle afferent fibers during locomotion in premammillary cats. Taylor J, et al. **J Neurophysiol** 1985 Feb;53(2):341-60

Afferent perturbations during 'monopodal' swimming movements in the turtle: phase-dependent cutaneous modulation and proprioceptive resetting of the locomotor rhythm. Lennard PR. **J Neurosci** 1985 Jun;5(6):1434-45

Dorsal and ventral myotome motoneurons and their input during fictive locomotion in lamprey. Wallén P, et al. **J Neurosci** 1985 Mar;5(3):654-61

Compressive loads in the lumbar vertebral column during normal level walking. Cappozzo A. **J Orthop Res** 1984; 1(3):292-301

Kinematic and EMG patterns during slow, free, and fast walking. Murray MP, et al. **J Orthop Res** 1984;2(3):272-80

Comparative cost of walking in young and old adults. Waters RL, et al. **J Orthop Res** 1983;1(1):73-6

Consequences of an osteogenesis imperfecta diagnosis for survival and ambulation. Shapiro F. **J Pediatr Orthop** 1985 Jul-Aug;5(4):456-62

Interneurones in the Xenopus embryo spinal cord: sensory excitation and activity during swimming. Clarke JD, et al. **J Physiol (Lond)** 1984 Sep;354:345-62

Energy expenditure in patients with low-, mid-, or high-thoracic paraplegia using Scott-Craig knee-ankle-foot orthoses. Merkel KD, et al. **Mayo Clin Proc** 1985 Mar;60(3):165-8

The relationship between mechanical and physiological energy estimates. Williams KR. **Med Sci Sports Exerc** 1985 Jun;17(3):317-25 (61 ref.)

An observer's view of locomotor asymmetry in the rat. Kolb B, et al. **Neurobehav Toxicol Teratol** 1985 Jan-Feb;7(1):71-8

Fictive locomotion of the forelimb evoked by stimulation of the mesencephalic locomotor region in the decerebrate cat. Amemiya M, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):91-6

Corrective responses to perturbation applied during walking in humans. Belanger M, et al. **Neurosci Lett** 1984 Aug 31; 49(3):291-5

Disruption of fore- and hindlimb coordination during overground locomotion in cats with bilateral serial hemisection of the spinal cord. Kato M, et al. **Neurosci Res** 1984 Dec;2(1-2):27-47

Responses of cerebellar Purkinje cells to mechanical perturbations during locomotion of decerebrate cats. Matsukawa K, et al. **Neurosci Res** 1985 Jun;2(5):393-8

Medullary locomotor strip and column in the cat. Selionov VA, et al. **Neuroscience** 1984 Dec;13(4):1267-78

Rate and range of knee motion during ambulation in healthy and arthritic subjects. Brinkmann JR, et al. **Phys Ther** 1985 Jul;65(7):1055-60

Behavioral treatment of ambulatory function in a child with myelomeningocele. A case report. Manella KJ, et al. **Phys Ther** 1984 Oct;64(10):1536-9

Effect of load and carrying position on the electromyographic activity of the gluteus medius muscle during walking. Neumann DA, et al. **Phys Ther** 1985 Mar; 65(3):305-11

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the pons and medulla. Ross GS, et al. **Physiol Behav** 1984 Aug;33(2):201-8

Locomotor stepping elicited by electrical stimulation of the lateral hypothalamus requires an ipsilateral descending pathway. Sinnamon HM, et al. **Physiol Behav** 1984 Aug; 33(2):209-15

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the diencephalon and mesencephalon. Sinnamon HM. **Physiol Behav** 1984 Aug; 33(2):191-9

The effects of physical training and flunarizine on walking capacity in intermittent claudication. Lepäntalo M, et al. **Scand J Rehabil Med** 1984;16(4):159-62

Neurobiological bases of rhythmic motor acts in vertebrates. Grillner S. **Science** 1985 Apr 12;228(4696):143-9

Visual flow and direction of locomotion. Priest HN, et al. **Science** 1985 Mar 1;227(4690):1063-5

Changes in ambulation and drinking behavior related to stroke in stroke-prone spontaneously hypertensive rats. Minami M, et al. **Stroke** 1985 Jan-Feb;16(1):44-8

On the quality and magnitude of mechanical stresses in the locomotor system during rapid movements. Preuschoft H. **Z Morphol Anthropol** 1985;75(3):245-62

[Further experience with tests of primitive locomotion in infants and preschool-age children] Lesný I. **Cesk Neurol Neurochir** 1985 Mar;48(2):89-94 (Eng. Abstr.) **(Cze)**

[Test of primitive locomotion in a group of patients treated at the Zeleznice Spa] Lesný I, et al. **Cesk Pediatr** 1985 Feb;40(2):91-3 (Eng. Abstr.) **(Cze)**

[The acquisition of bipedal gait, evidence of humanization] Hotton F, et al. **Acta Belg Med Phys** 1984 Oct-Dec; 7(4):121-6 **(Fre)**

[Biomechanical significance of arm length and body mass for a suspended manner of locomotion] Demes B, et al. **Z Morphol Anthropol** 1984;74(3):261-74 (Eng. Abstr.) **(Ger)**

[Kinesiologic studies of brachiation in white-hand gibbons (Hylobates lar)] Hollihn U, et al. **Z Morphol Anthropol** 1984;74(3):275-93 (Eng. Abstr.) **(Ger)**

[Semiquantitative study of the stress of pressure on bone tissue in leaping locomotion] Niemitz C, et al. **Z Morphol Anthropol** 1985;75(3):273-85 (Eng. Abstr.) **(Ger)**

[Functional adaptation in the morphology and behavior of specialized leapers] Peters A. **Z Morphol Anthropol** 1985; 75(3):263-72 (Eng. Abstr.) **(Ger)**

[Functional electrostimulation of paraplegic patients--1 year's practical application. Results in patients and experiences] Kern H, et al. **Z Orthop** 1985 Jan-Feb; 123(1):1-12 (Eng. Abstr.) **(Ger)**

[Effect of artificial shock absorbers on heel-strike transients] Wosk I, et al. **Harefuah** 1985 Feb 1;108(3):128-30 (Eng. Abstr.) **(Heb)**

[An optoelectronic apparatus for the registration of stepping activity in small mammals] Cucinella F, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1983-7 (Eng. Abstr.) **(Ita)**

[Analysis of gaze stabilization during stepping and running] Hoshikawa H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May; 88(5):678-86 (Eng. Abstr.) **(Jpn)**

[Functional roles played by lateral vestibular neurons during controlled locomotion in the mesencephalic cat] Kanaya T. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):667-80 (Eng. Abstr.) **(Jpn)**

[Study of gaze stabilization during walking and running--observation using a vertically oscillating platform] Takahashi M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):267-72 (Eng. Abstr.) **(Jpn)**

[Evaluation of the systems controlling motor efficiency of elderly persons after femoral neck fractures] Konieczna D. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):549-52 (Eng. Abstr.) **(Pol)**

[Locomotive capacity of patients with spinal cord injuries in the thoraco-lumbar segment] Kiwerski J, et al. **Pol Tyg Lek** 1985 May 13;40(19):537-40 (Eng. Abstr.) **(Pol)**

[Relationship of spontaneous locomotor rhythm and locomotion] Budakova NN. **Fiziol Zh SSSR** 1985 Apr; 71(4):480-7 (Eng. Abstr.) **(Rus)**

[Activity of propriospinal neurons of segments C3 and C4 during 'fictive locomotion' in the cat] Arshavskiĭ IuI, et al. **Neirofiziologiia** 1985;17(3):320-6 (Eng. Abstr.) **(Rus)**

[Generation of locomotor rhythms in Limacina helicina] Arshavskiĭ IuI, et al. **Neirofiziologiia** 1985;17(3):397-400 (Eng. Abstr.) **(Rus)**

[Neurons of the pedal ganglia of a pteropod mollusk regulating locomotor generator function] Arshavskiĭ IuI, et al. **Neirofiziologiia** 1984;16(4):543-6 (Eng. Abstr.) **(Rus)**

[Depolarization of primary afferents of the lumbosacral division of the spinal cord during real locomotion] Baev KV, et al. **Neirofiziologiia** 1985;17(1):119-21 (Eng. Abstr.) **(Rus)**

[Projection of forebrain structures of the cat to the hypothalamic locomotor area] Baev KV, et al. **Neirofiziologiia** 1985;17(2):255-63 (Eng. Abstr.) **(Rus)**

[Activity of neurons of the motosensory cortex during natural locomotion in the cat] Beloozerova IN, et al. **Neirofiziologiia** 1985;17(3):406-8 (Eng. Abstr.) **(Rus)**

[Various locomotor movements in the rat] Iakhina IA, et al. **Neirofiziologiia** 1985;17(2):183-9 (Eng. Abstr.) **(Rus)**

[Comparative analysis of the kinematics of hindlimb movements in different forms of locomotion in the rat] Iakhnitsa IA, et al. **Neirofiziologiia** 1985;17(2):189-98 (Eng. Abstr.) **(Rus)**

[Synaptic responses of propriospinal neurons on stimulation of the locomotor strip of the dorsolateral funiculus of the cat] Kazennikov OV, et al. **Neirofiziologiia** 1985; 17(2):270-8 (Eng. Abstr.) **(Rus)**

[Synchronization of the work of pedal ganglia of pteropod mollusks during locomotion] Panchin IuV. **Neirofiziologiia** 1984;16(4):540-3 (Eng. Abstr.) **(Rus)**

[Locomotor area of the brain stem and the hypothesis of a locomotor column] Shik ML. **Usp Fiziol Nauk** 1985 Jan-Mar;16(1):76-95 (123 ref.) **(Rus)**

DRUG EFFECTS

Dopamine autoreceptors and the effects of drugs on locomotion and dopamine synthesis. Brown F, et al. **Br J Pharmacol** 1985 Apr;84(4):853-60

Topographical analysis of nucleus accumbens sites at which cholecystokinin potentiates dopamine-induced hyperlocomotion in the rat. Crawley JN, et al. **Brain Res** 1985 Jun 3;335(2):337-41

Pharmacological activation of locomotor patterns in larval and adult frog spinal cords. McClellan AD, et al. **Brain Res** 1985 Apr 15;332(1):119-30

Activation of NMDA receptors elicits fictive locomotion and bistable membrane properties in the lamprey spinal cord. Sigvardt KA, et al. **Brain Res** 1985 Jun 17;336(2):390-5

Some aspects of feeding and locomotor activity in adult rats exposed to tetraethyl lead. Czech DA, et al. **Neurobehav Toxicol Teratol** 1984 Sep-Oct;6(5):357-61

Comparative effects of infusions of 6-hydroxydopamine into nucleus accumbens and anterolateral hypothalamus induced by 6-hydroxydopamine on the response to dopamine agonists, body weight, locomotor activity and measures of exploration in the rat. Winn P, et al. **Neuropharmacology** 1985 Jan;24(1):25-31

The mesencephalic locomotor region in cat: effects of local applications of diazepam and gamma-aminobutyric acid. Pointis D, et al. **Neurosci Lett** 1985 Feb 4;53(3):297-302

The effect of current passage on N-methyl-D-aspartate-induced, tetrodotoxin-resistant membrane potential oscillations in lamprey neurons active during locomotion. Wallén P, et al. **Neurosci Lett** 1985 May 14;56(2):87-93

Effects of multiple pretreatment with apomorphine and amphetamine on amphetamine-induced locomotor activity and its inhibition by apomorphine. Riffee WH, et al. **Psychopharmacology (Berlin)** 1985;85(1):97-101

Time course of the locomotor stimulant and depressant effects of a single low dose of ethanol in mice. Smoothy R, et al. **Psychopharmacology (Berlin)** 1985;85(1):57-61

Restrained rats learn amphetamine-conditioned locomotion, but not place preference. Swerdlow NR, et al. **Psychopharmacology (Berlin)** 1984;84(2):163-6

Effect of nutmeg on ethanol and d-amphetamine-produced alteration of locomotor activity in the mouse. Messiha FS, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:17-20

Circadian variation in the ambulation-increasing effect of apomorphine after repeated administration in mice. Kuribara H, et al. **Yakubutsu Seishin Kodo** 1984 Nov; 4(3):231-6

LOCOMOTOR ATAXIA see **TABES DORSALIS**

LOCUS COERULEUS

Is Reye's syndrome a disorder of the locus ceruleus? Maurizi CP. **Med Hypotheses** 1985 Apr;16(4):355-9

Influenza and mania: a possible connection with the locus ceruleus. Maurizi CP. **South Med J** 1985 Feb;78(2):207-9

ANALYSIS

The role of the posterior hypothalamic area in the pathogenesis of hypertension in the spontaneously hypertensive rat. Winternitz SR, et al. **Brain Res** 1984 Dec 17;324(1):51-8

Twenty-four hour rhythms of norepinephrine and serotonin in nucleus suprachiasmaticus, raphe nuclei, and locus coeruleus in the rat. Semba J, et al. **Sleep** 1984;7(3):211-8

ANATOMY & HISTOLOGY

Differential distribution of locus coeruleus projections to the hippocampal formation: anatomical and biochemical evidence. Haring JH, et al. **Brain Res** 1985 Jan 28; 325(1-2):366-9

Surprisingly rich projection from locus coeruleus to the olfactory bulb in the rat. Shipley MT, et al. **Brain Res** 1985 Mar 11;329(1-2):294-9

Increased number of locus ceruleus noradrenergic neurons in the convulsive mutant quaking mouse. Maurin Y, et al. **Neurosci Lett** 1985 Jun 24;57(3):313-8

CYTOLOGY

Coexistence of vasopressin, neurophysin and noradrenaline immunoreactivity in medium-sized cells of the locus coeruleus and subcoeruleus in the rat. Caffé AR, et al. **Brain Res** 1985 Jul 8;338(1):160-4

On the potassium conductance increased by opioids in rat locus coeruleus neurones. North RA, et al. **J Physiol (Lond)** 1985 Jul;364:265-80

A quantitative histological study of neuronal loss from the locus coeruleus of ageing mice. Sturrock RR, et al. **Neuropathol Appl Neurobiol** 1985 Jan-Feb;11(1):55-60

DRUG EFFECTS

Basal firing rate of rat locus coeruleus neurons affects sensitivity to ethanol. Shefner SA, et al. **Alcohol** 1985 Mar-Apr;2(2):239-43

Locus coeruleus as a target for psychogeriatric agents. Olpe HR, et al. **Ann NY Acad Sci** 1985;444:394-405

Chronic haloperidol inactivates brain noradrenergic neurons. Dinan TG, et al. **Brain Res** 1985 Jan 28;325(1-2):385-8

Hyperpolarizing and age-dependent depolarizing responses of cultured locus coeruleus neurons to noradrenaline. Finlayson PG, et al. **Brain Res** 1984 Aug;317(2):167-75

Partial damage to the noradrenergic bundle increases tyrosine hydroxylase activity in noradrenergic terminals of hippocampus but not cerebellum. Fluharty SJ, et al. **Brain Res** 1984 Dec 24;324(2):390-3

Noradrenergic hyperinnervation of the trigeminal sensory nuclei. McBride RL, et al. **Brain Res** 1984 Dec 24; 324(2):211-21

Electrophysiological and receptor studies in rat brain: effects of clorgyline. Campbell IC, et al. **Eur J Pharmacol** 1985 May 20;111(3):355-64

Buspirone increases locus coeruleus noradrenergic neuronal activity in vitro. Trulson ME, et al. **Eur J Pharmacol** 1984 Oct 30;106(1):195-7

Neonatal 6-hydroxydopamine destroys spinal cord noradrenergic axons from the locus coeruleus, but not those from lateral tegmental cell groups. McBride RL, et al. **J Comp Neurol** 1985 May 15;235(3):375-83

Inhibition of locus coeruleus neuronal activity by beta-phenylethylamine. Lundberg PA, et al. **Life Sci** 1985 May 13;36(19):1889-96

Catecholamine inhibition of calcium action potentials in rat locus coeruleus neurones. Williams JT, et al. **Neuroscience** 1985 Jan;14(1):103-9

Studies on the locus coeruleus system in an animal model for antidepressive activity. Kostowski W, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):523-30

Noradrenergic actions of Purkinje and locus coeruleus neurons in culture. Marshall KC, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):515-20

ENZYMOLOGY

Monoamine oxidase in single nerve cell bodies from locus coeruleus of the rat. A microgasometric study. Sket D, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1025-8

Catecholaminergic and GABAergic anatomical relationship in the rat substantia nigra, locus coeruleus, and hypothalamic median eminence: immunocytochemical visualization of biosynthetic enzymes on serial semithin plastic-embedded sections. Berod A, et al. **J Histochem Cytochem** 1984 Dec;32(12):1331-8

Cholinesterases in single nerve cells isolated from the locus ceruleus and from nucleus of the facial nerve of the rat: a microgasometric study. Sket D, et al. **J Neurochem** 1985 Jul;45(1):319-23

Biochemical correlates of morphine withdrawal. 1. Characterization in the adrenal medulla and locus ceruleus. DiStefano PS, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):333-8

GROWTH & DEVELOPMENT

Degree of hyperinnervation of area dentata by locus coeruleus in the presence of septum or entorhinal cortex as studied by sequential intraocular triple transplantation. Goldowitz D, et al. **Exp Brain Res** 1984;56(2):351-60

METABOLISM

Evidence for synenkephalin-like immunoreactivity in pontobulbar monoaminergic neurons of the cat. Charnay Y, et al. **Brain Res** 1985 May 27;335(1):160-4

The formation of deaminated metabolites of dopamine in the locus coeruleus depends upon noradrenergic neuronal activity. Curet O, et al. **Brain Res** 1985 Jun 3; 335(2):297-301

Axonal transport and presynaptic location of alpha 2-adrenoreceptors in locus coeruleus neurons. Levin BE. **Brain Res** 1984 Oct 29;321(1):180-2

Arginine-rich proteins in spherical inclusions of human locus coeruleus neurons demonstrated by benzil modification. Panayotacopoulou MT, et al. **J Histochem Cytochem** 1984 Nov;32(11):1192-6

Very rapid turnover of dopamine in noradrenaline cell body regions. Andén NE, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 May; 329(3):258-63

PATHOLOGY

Increased adrenergic projection from the locus coeruleus to the lateral geniculate nucleus of rats following one-eye-removal at birth. Nakamura S, et al. **Brain Res** 1984 Aug;317(2):283-5

Changes in projection from locus coeruleus to lateral geniculate nucleus following ablation of visual cortex in adult rats. Sakaguchi T, et al. **Brain Res** 1984 Nov 12; 321(2):319-22

Anatomical alterations in locus coeruleus neurons in the adult spontaneously hypertensive rat. Felten DL, et al. **Brain Res Bull** 1984 Sep;13(3):433-6

Changes in Alzheimer's disease in the magnocellular neurones of the supraoptic and paraventricular nuclei of the hypothalamus and their relationship to the noradrenergic deficit. Mann DM, et al. **Clin Neuropathol** 1985 May-Jun; 4(3):127-34

Increased projection from the locus coeruleus to the lateral geniculate nucleus and visual cortex in young adult rats following unilateral enucleation. Nakamura S, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):77-80

[Changes of locus ceruleus observed in senile dementia of Alzheimer's type] Tomonaga M. **Nippon Ronen Igakkai Zasshi** 1985 Jan;22(1):40-6 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Microinjection of vasopressin into the locus coeruleus of conscious rats. Berecek KH, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):H675-81

Tonic inhibitory influences of locus coeruleus on the response gain of limb extensors to sinusoidal labyrinth and neck stimulations. D'Ascanio P, et al. **Arch Ital Biol** 1985 May; 123(2):69-100

Effects of clonidine, piperoxane and locus coeruleus lesion on the serotonergic and dopaminergic systems in raphe and caudate nucleus. Geyer MA, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3399-404

Intrinsic regulation of locus coeruleus neurons: electrophysiological evidence indicating a predominant role for autoinhibition. Andrade R, et al. **Brain Res** 1984 Sep 24;310(2):401-6

Effect of locus coeruleus stimulation on regional cerebral oxygen consumption in the cat. Buchweitz E, et al. **Brain Res** 1985 Jan 28;325(1-2):107-14

Extracranial vasodilation mediated by vasoactive intestinal polypeptide (VIP). Goadsby PJ, et al. **Brain Res** 1985 Mar 11;329(1-2):285-8

Brainstem activation of the adrenal medulla in the cat. Goadsby PJ. **Brain Res** 1985 Feb 18;327(1-2):241-8

The mechanism of cerebrovascular vasoconstriction in response to locus coeruleus stimulation. Goadsby PJ, et al. **Brain Res** 1985 Feb 11;326(2):213-7

Cerebellum plus locus coeruleus in tissue culture: I. Catecholamine histofluorescence and extracellular electrophysiology. Seil FJ, et al. **Brain Res** 1985 Jan; 349(1-2):165-70

Inhibition from locus coeruleus of nucleus accumbens neurons activated by hippocampal stimulation. Unemoto H, et al. **Brain Res** 1985 Jul 15;338(2):376-9

Dilatation in the carotid vascular territory of the cat in response to activation of cell bodies in the locus coeruleus. Goadsby PJ, et al. **Clin Exp Neurol** 1984;20:63-72

Anxiolytic activity on locus coeruleus-mediated suppression of muricidal aggression. Kozak W, et al. **Eur J Pharmacol** 1984 Oct 15;105(3-4):323-6

Action of norepinephrine in the dentate gyrus. I. Stimulation of locus coeruleus. Dahl D, et al. **Exp Brain Res** 1985; 59(3):491-6

Opiate- and alpha 2-adrenoceptor-induced hyperpolarizations of locus ceruleus neurons in brain slices: reversal by cyclic adenosine 3':5'-monophosphate analogues. Andrade R, et al. **J Neurosci** 1985 Sep; 5(9):2359-64

Noradrenergic responses of spinal neurons in locus coeruleus-spinal cord co-cultures. Pun RY, et al. **J Neurosci** 1985 Jan;5(1):181-91

Lesions of the locus coeruleus abolish baroreceptor-induced depression of supraoptic neurones in the rat. Banks D, et al. **J Physiol (Lond)** 1984 Oct;355:383-98

Opiate-receptor interactions on single locus coeruleus neurones. Williams JT, et al. **Mol Pharmacol** 1984 Nov; 26(3):489-97

Effect of locus ceruleus lesion on luteinizing hormone secretion under different experimental conditions. Franci JA, et al. **Neuroendocrinology** 1985 Jul;41(1):44-51

Plasticity in cat visual cortex restored by electrical stimulation of the locus coeruleus. Kasamatsu T, et al. **Neurosci Res** 1985 Jun;2(5):365-86

Activation of the noradrenergic projection from locus coeruleus reduces the excitatory responses of anterior cingulate cortical neurones to substance P. Jones RS, et al. **Neuroscience** 1984 Nov;13(3):819-25

Characterization of alpha 2-adrenoceptors which increase potassium conductance in rat locus coeruleus neurones. Williams JT, et al. **Neuroscience** 1985 Jan;14(1):95-101

Membrane properties of rat locus coeruleus neurones. Williams JT, et al. **Neuroscience** 1984 Sep;13(1):137-56

Nucleus locus coeruleus (LC) in the prehypertensive stage of the deoxycorticosterone acetate (DOCA)-salt hypertensive rat (DHR). Kawamura H, et al. **Nippon Jinzo Gakkai Shi** 1985 Mar;27(3):363-9

Suppressant effect of REM sleep deprivation on neophobia in normal rats and in rats with selective DSP-4 induced damage of locus coeruleus neurons. Mogilnicka E, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):93-7

A comparative study of the behavioral effects of the locus coeruleus and the dorsal noradrenergic bundle lesions in the rat. Verleye M, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):357-63

The effects of lesions of the locus coeruleus and treatment with drugs affecting brain noradrenergic neurotransmission on dominant-subordinate behavior in rats competing for water. Plewako M, et al. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):555-60

Differentiated pressor and sympathetic responses to dual brain stimulation: ventromedial hypothalamus versus locus coeruleus. Buñag RD, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):91-100

Fear and anxiety: relationship to noradrenergic function. Uhde TW, et al. **Psychopathology** 1984;17 Suppl 3:8-23

[Central noradrenergic regulation of cerebral blood flow] Balueva TV. **Fiziol Zh SSSR** 1983 Jul;69(7):913-8 (Eng. Abstr.) **(Rus)**

[The locus coeruleus and neuronal activity of the thalamic reticular nucleus] Nanobashvili ZI, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):15-21 (Eng. Abstr.) **(Rus)**

[Effect of a high-frequency electrical current on the activity of the raphe nuclei and the locus coeruleus] Vorob'ev VV, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):139-45 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Descending control of spinal nociceptive transmission. Actions produced on spinal multireceptive neurones from the nuclei locus coeruleus (LC) and raphe magnus (NRM). Mokha SS, et al. **Exp Brain Res** 1985;58(2):213-26

Developmental changes in the cerebellar cortex after locus ceruleus lesion with 6-hydroxydopamine in the rat. Robain O, et al. **Exp Neurol** 1985 Apr;88(1):150-64

Destruction of the locus coeruleus or the dorsal NE bundle does not alter the release of punished responding by ethanol and chlordiazepoxide. Koob GF, et al. **Physiol Behav** 1984 Sep;33(3):479-85

TRANSPLANTATION

Ultrastructural and histochemical evidence for differentiation of intraocular locus coeruleus grafts and invasion of the host iris by central neurites and glia. Hedlund KO, et al. **J Neurocytol** 1984 Dec;13(6):989-1011

LOCUS OF CONTROL see **INTERNAL-EXTERNAL CONTROL**

LOCUSTS see **GRASSHOPPERS**

LOD SCORE see under **LINKAGE (GENETICS)**

LOEFFLER SYNDROME see **PULMONARY EOSINOPHILIA**

LOFEPRAMINE see under **DIBENZAZEPINES**

LOGIC

A further investigation of 'Dialectical thinking as a means of understanding systems-in-development: relevance to Rogers's principles'. Moccia P. **ANS** 1985 Jul;7(4):33-8

[Logical methods in forensic medicine] Solokhin AA, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):3-9 (Eng. Abstr.) **(Rus)**

[Logical methodological analysis of the categories of clinical thinking] Tsaregorodtsev GI, et al. **Vestn Akad Med Nauk SSSR** 1985;(5):46-56 **(Rus)**

LOMOFUNGIN see under **PHENAZINES**

LOMUSTINE

ADMINISTRATION & DOSAGE

Changes in T and B lymphocyte subpopulations before during and after chemotherapy for malignant melanoma. Bernengo MG, et al. **Int J Tissue React** 1984;6(6):505–11

Radio-chemo-immunotherapy (CCNU plus levamisole) for treatment of metastatic brain tumors. A pilot study. Robustelli della Cuna G, et al. **J Neurooncol** 1984; 2(3):237–40

[High-dose nitrosourea in a case of non-Hodgkin's lymphoma (letter)] Segalini G, et al. **Haematologica (Pavia)** 1984 Sep–Oct;69(5):639–40 **(Ita)**

ADVERSE EFFECTS

Nephrotoxicity of lomustine. A case report and literature review. Ellis ME, et al. **Cancer Chemother Pharmacol** 1985; 15(2):174–5

Combination of lomustine and cimetidine in the treatment of a patient with malignant glioblastoma: a case report [letter] Hess WA, et al. **Cancer Treat Rep** 1985 Jun; 69(6):733

ANALOGS & DERIVATIVES

Role of fluroacetate in the toxicity of 2-fluroethylnitrosoureas. Tisdale MJ, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3323–7

BLOOD

Clinical pharmacokinetics of oral CCNU (lomustine). Lee FY, et al. **Cancer Chemother Pharmacol** 1985;14(2):125–31

METABOLISM

Pharmacokinetics of nitrosoureas: comparison of 1,3-bis-(2-chloroethyl)-1-nitrosourea (BCNU) and 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) after oral and intravenous administration to rats. Russo RG, et al. **Tumori** 1984 Dec 31;70(6):499–502

PHARMACODYNAMICS

Chemopotentiation of CCNU metabolites by misonidazole. Mulcahy RT. **Br J Cancer** 1985 May;51(5):733–5

Cytophotometry of nucleic acids and morphometry of motor neurons and oligodendroglia in the spinal cord of rats treated with CCNU (lomustine). Wygladalska-Jernas H, et al. **J Hirnforsch** 1984;25(5):487–92

Disappearance of antibodies to Factor VIII in a patient with acquired haemophilia and carcinoma of the pancreas during cytotoxic therapy with fluorouracil and CCNU. Rhodes EG, et al. **Thromb Haemost** 1984 Oct 31;52(2):131–3

Thymic hormonal effect on recovery from early and late CCNU induced immunosuppression. Klein AS, et al. **Thymus** 1984;6(4):219–24

THERAPEUTIC USE

Combined modality treatment of operated astrocytomas grade 3 and 4. A prospective and randomized study of misonidazole and radiotherapy with two different radiation schedules and subsequent CCNU chemotherapy. Stage II of a prospective multicenter trial of the Scandinavian Glioblastoma Study Group. Hatlevoll R, et al. **Cancer** 1985 Jul 1;56(1):41–7

In vivo interaction between radiation and 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea in the absence or presence of misonidazole in mice. Siemann DW, et al. **Cancer Res** 1985 Jan;45(1):198–202

Eastern Cooperative Oncology Group phase II studies in advanced measurable colorectal cancer. I. Razoxane, Yoshi-864, piperazinedione, and lomustine. Douglass HO Jr, et al. **Cancer Treat Rep** 1985 May;69(5):543–5

Survival in subpopulations of cells derived from solid KHT sarcomas by centrifugal elutriation following treatment with CCNU and MISO. Hill SA, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1615–8

The effect in the KHT sarcoma of CCNU and MISO on cell cycle progression evaluated by flow-cytometry. Hill SA, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1619–22

A phase I study of the combination of benznidazole and CCNU in man. Roberts JT, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1745–8

Enhanced tumor responses through therapies combining CCNU, MISO and radiation. Siemann DW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1623–6

Variation in response to CCNU of glioblastoma multiforme in brain and cervical lymph node. Case report. Steinbok P, et al. **J Neurosurg** 1985 Jun;62(6):918–21

TOXICITY

Karyometric, cytophotometric, and histoenzymatic studies on neuroglia of young rats subjected to CCNU (Lomustine) action. Szczech J. **Acta Histochem (Jena)** 1984;75(2):121–32

Heme metabolism in liver and spleen of 1-(2-chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU)-treated rats. el-Azhary RA, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3171–5

Misonidazole protects mouse tumour and normal tissues from the toxicity of oral CCNU. Lee FY, et al. **Br J Cancer** 1985 Jan;51(1):85–91

Benznidazole with CCNU: a clinical phase I toxicity study. Roberts JT, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb; 11(2):331–4

[Morphological and histoenzymatic changes in the brain of young and mature rats after the administration of CCNU (lomustine)] Maziarz LJ, et al. **Neuropatol Pol** 1984; 22(3):399–414 (Eng. Abstr.) **(Pol)**

LONELINESS see under **SOCIAL ISOLATION**

LONG-ACTING THYROID STIMULATOR

ANALYSIS

[Human thyroid stimulator (HTS) in thyroid diseases] Hu ZY. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):480–3, 525 (Eng. Abstr.) **(Chi)**

BLOOD

Validation of cytochemical section bioassay for thyroid-stimulating immunoglobulins in treated and untreated Graves' disease. Prentice MG, et al. **J Immunoassay** 1984;5(3–4):275–90

IMMUNOLOGY

Comparison of LATS activity and TSH receptor antibody in Graves' disease. Kajita Y, et al. **Endocrinol Jpn** 1984 Jun;31(3):369–74

LONG CHAIN ACYL COA see **ACYL COENZYME A**

LONG TERM CARE

Role of the family in nursing home care. Portnoi VA. **Am Fam Physician** 1984 Nov;30(5):151–4

Nursing diagnosis in long-term care. Rantz M, et al. **Am J Nurs** 1985 Aug;85(8):916–7, 926

The immediate and subsequent outcomes of nursing home care. Lewis MA, et al. **Am J Public Health** 1985 Jul; 75(7):758–62

A geriatric assessment unit in a long-term care facility. Hogan DB, et al. **Can J Public Health** 1984 Jul–Aug; 75(4):301–3

Experience with a prolonged respiratory care unit--revisited. Indihar FJ, et al. **Chest** 1984 Oct;86(4):616–20

Shifting commitments to long-term care: the role of coordination. Benjamin AE, et al. **Gerontologist** 1984 Dec; 24(6):598–603

From hospital to nursing home: the long-term care connection. Kane RL, et al. **Gerontologist** 1984 Dec; 24(6):604–9

A consolidated model of long-term care: service utilization and cost impacts. Yordi CL, et al. **Gerontologist** 1985 Aug; 25(4):389–97

Health promotion in long-term care: a contradiction in terms? Minkler M. **Health Educ Q** 1984 Spring;11(1):77–89

Long-term care insurance [editorial] Schechter M. **Hosp Pract [Off]** 1984 Dec;19(12):15,19

Role of institutional and community services in meeting the long-term care needs of the elderly in Israel: the decade of the 1980s. Factor H, et al. **Isr J Med Sci** 1985 Mar; 21(3):212–8

Position paper of the American College of Physicians, 16 January 1984. Long-term care of the elderly. **J Am Geriatr Soc** 1984 Oct;32(10):700–4

Adverse drug reactions in long-term care facility residents. Budden F. **J Am Geriatr Soc** 1985 Jun;33(6):449–50

Nursing students' impact on a system of care for the elderly. Gelazis R, et al. **J Nurs Educ** 1985 Mar;24(3):126–8

Nutritional requirement for taurine in patients receiving long-term parenteral nutrition. Geggel HS, et al. **N Engl J Med** 1985 Jan 17;312(3):142–6

Pathways to long-term geriatric hospital care. Higgins CS. **NZ Med J** 1985 Aug 14;98(784):646–9

Long-term care issues in multiple sclerosis. Frankel D. **Rehabil Lit** 1984 Sep–Oct;45(9–10):282–5

[Respiratory insufficiency and long-term oxygen therapy at home] Bartsch P. **Rev Med Liege** 1985 Apr 15;40(8):307–13 **(Fre)**

CLASSIFICATION

Case-mix and resource use in long-term care. Cameron JM. **Med Care** 1985 Apr;23(4):296–309

Validation and use of resource utilization groups as a case-mix measure for long-term care. Cooney LM Jr, et al. **Med Care** 1985 Feb;23(2):123–32

Resource utilization groups. A patient classification system for long-term care. Fries BE, et al. **Med Care** 1985 Feb; 23(2):110–22

ECONOMICS

Treating long-stay patients in acute hospital beds: an economic diagnosis. Hochstein A. **Gerontologist** 1985 Apr; 25(2):161–5

Geriatric imperative: the interface between the acute hospital and long-term care. Kane WJ, et al. **J Med Soc NJ** 1984 Aug;81(8):643–5

Social/health maintenance organizations: new policy options for the aged, blind, and disabled. Harrington C, et al. **J Public Health Policy** 1985 Jun;6(2):204–22

Long-term care insurance. Premium estimates for prototype policies. Meiners MR, et al. **Med Care** 1984 Oct; 22(10):901–11

The feasibility of universal long-term-care benefits. Ideas from Canada. Kane RA, et al. **N Engl J Med** 1985 May 23;312(21):1357–64

Care of long-term mental patients in Canada [letter] Liptzin B. **N Engl J Med** 1985 Oct 10;313(15):960

METHODS

Long-term oxygen therapy can reverse the progression of pulmonary hypertension in patients with chronic obstructive pulmonary disease. Weitzenblum E, et al. **Am Rev Respir Dis** 1985 Apr;131(4):493–8

Implementing a teaching nursing home: lessons for research and practice. Aronson MK. **Gerontologist** 1984 Oct; 24(5):451–4

Selection of long-term care arrangements by older community residents. McAuley WJ, et al. **Gerontologist** 1985 Apr;25(2):188–93

ORGANIZATION & ADMINISTRATION

Characteristics of clients generating high administrative workload in a long-term care program. Stark AJ, et al. **Can J Public Health** 1984 Jul–Aug;75(4):294–300

How do we know how much we need? Problems in determining need for long-term care. Pillemer K. **J Health Polit Policy Law** 1984 Summer;9(2):281–90

[10 years of medical facilities for long-term care in Czechoslovakia] Dohnal K. **Cas Lek Cesk** 1984 Aug 17; 123(33):1027–30 (Eng. Abstr.) **(Cze)**

PSYCHOLOGY

Consistency of rule application to inmates in long-term treatment institutions. Roth JA. **Soc Sci Med** 1985; 20(3):247–52

STANDARDS

Standards for long-term care facilities in Israel. Wartski SA, et al. **Isr J Med Sci** 1985 Mar;21(3):238–43

TRENDS

Teaching nursing homes: prospects for improving long-term care. Aiken LH, et al. **J Am Geriatr Soc** 1985 Mar; 33(3):196–201

UTILIZATION

Hospital DRGs and the need for long-term care services: an empirical analysis. Meiners MR, et al. **Health Serv Res** 1985 Aug;20(3):359–84

LONGEVITY

see related
LIFE EXPECTANCY

The specialty of physicians in relation to longevity and mortality, 1978–1979. Mostafa MS, et al. **Ala Med** 1985 May;54(11):13–8, 23

Importance of total life consumption of cigarettes as a risk factor for coronary artery disease. Weintraub WS, et al. **Am J Cardiol** 1985 Mar 1;55(6):669–72

Cinnabar-gold as the best alchemical drug of longevity, called Makaradhwaja in India. Mahdihassan S. **Am J Chin Med** 1985;13(1–4):93–108

Dietary habits and the prediction of life span of rats: a prospective test. Ross MH, et al. **Am J Clin Nutr** 1985 Jun;41(6):1332–44

Effects of nutrition on disease and life span. I. Immune responses, cardiovascular pathology, and life span in MRL mice. Mark DA, et al. **Am J Pathol** 1984 Oct;117(1):110–24

Effects of nutrition of disease and life span. II. Vascular disease, serum cholesterol, serum thromboxane, and heart-produced prostacyclin in MRL mice. Mark DA, et al. **Am J Pathol** 1984 Oct;117(1):125–30

Biology, life-tables, and intrinsic rates of increase of Bulinus globosus Morelet and Lymnea natalensis Kraus (Gastropoda: Pulmonata)--the snail intermediate hosts of Schistosoma haematobium and Fasciola gigantica, respectively, in Southeastern Nigeria. Iheagwam EU, et al. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(4):429–34

Age at death: physicians and ministers of religion. le Riche WH. **Can Med Assoc J** 1985 Jul 15;133(2):107

Variation in longevity of rats: evidence for a systematic increase in lifespan over time. Curcio CA, et al. **Exp Aging Res** 1984 Autumn;10(3):137–40

Lifespan changes in the index of cephalization. Lieber M, et al. **Exp Aging Res** 1984 Autumn;10(3):127–35

Age dependent changes in aversive responses of mice to ethanol and their correlation with life duration. Kahn AJ. **Exp Gerontol** 1984;19(3):145–52

Unique increase of superoxide dismutase level in brains of long living mammals. Ono T, et al. **Exp Gerontol** 1984; 19(6):349–54

The effect of light, dark or altered circadian cycle on the lifespan of the rotifer Asplanchna brightwelli. Sawada M, et al. **Exp Gerontol** 1984;19(5):335–43

A study of dietary restriction and lifespan in the rotifer Asplanchna brightwelli monitored by chronic neutral red exposure. Sawada M, et al. **Exp Gerontol** 1984;19(5):329–34

Lymphocyte aging in allophenic mice. Warner CM, et al. **Exp Gerontol** 1985;20(1):35–45

Relationship of body-weight gain to longevity and to risk of development of nephropathy and neoplasia in

Sprague-Dawley rats. Turnbull GJ, et al. **Food Chem Toxicol** 1985 Mar;23(3):355-61

Traits that influence longevity in mice. Yunis EJ, et al. **Genetics** 1984 Dec;108(4):999-1011

Differential rate of age-related decline in immune functions in genetically defined mice with different tumor incidence and life span. Hirokawa K, et al. **Gerontology** 1984; 30(4):223-33

Spontaneous locomotor activity and life span. A test of the rate of living theory in Drosophila melanogaster. Lints FA, et al. **Gerontology** 1984;30(6):376-87

Age overstatement and Puerto Rican longevity. Rosenwaike I, et al. **Hum Biol** 1984 Sep;56(3):503-25

Estimation of genetic parameters for stayability in Canadian Holsteins. Van Doormaal BJ, et al. **J Dairy Sci** 1985 Jul; 68(7):1763-9

The specialty of physicians in relation to longevity and mortality. Mostafa MS, et al. **J La State Med Soc** 1985 Jul;137(7):20-6

Longevity of selected centenarians [letter] Barrett JC. **Lancet** 1984 Nov 3;2(8410):1032

Is longevity a worthwhile social objective? [letter] Crawford JS. **Lancet** 1985 Jun 8;1(8441):1335

Growth rate and life span in Drosophila. III. Effect of body size and developmental temperature on the biphasic relationship between growth rate and life span. Economos AC, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):153-60

Growth rate and life span in Drosophila. II. A biphasic relationship between growth rate and life span. Economos AC, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):143-51

Open-field behaviour, growth rate and life span in the black-hooded rat. Kendrick DC. **Mech Ageing Dev** 1984 Aug;26(2-3):265-75

Genetic study of high longevity index populations. Lelashvili NG, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):261-71

Effects of long-term treatment of mice with anti-I-J monoclonal antibody and dialyzable leukocyte extract on immune function and lifespan. Liu JJ, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):359-72

Ultraviolet light-induced DNA repair synthesis in hepatocytes from species of differing longevities. Maslansky CJ, et al. **Mech Ageing Dev** 1985 Feb; 29(2):191-203

The influence of persistent crowding on the age changes of behavioral parameters and survival characteristics of rats. Skalicky M, et al. **Mech Ageing Dev** 1984 Dec; 28(2-3):325-36

Longevity-dependent organ-specific accumulation of DNA damage in two closely related murine species. Su CM, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):239-47

Food restriction, ionizing radiation, and natural selection. Totter JR. **Mech Ageing Dev** 1985 May 31;30(3):261-71

Antismoking intervention and results on longevity. An international study. Ioannidis PJ. **Med Law** 1984; 3(4):383-97

Changes in premature mortality--United States, 1982-1983. **MMWR** 1985 Jan 18;34(2):17-8

Gamma-radiation induced ADP-ribosyl transferase activity and mammalian longevity. Pero RW, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):69-73

Life extension [letter] **N Engl J Med** 1985 Sep 19; 313(12):760-1

Life extension. Schneider EL, et al. **N Engl J Med** 1985 May 2;312(18):1159-68 (194 ref.)

Effect of exercise on longevity, body weight, locomotor performance, and passive-avoidance memory of C57BL/6J mice. Samorajski T, et al. **Neurobiol Aging** 1985 Spring; 6(1):17-24

Body weight, health and longevity: conclusions and recommendations of the workshop. **Nutr Rev** 1985 Feb; 43(2):61-3

Economics and extended longevity: a case study. Gori GB, et al. **Prev Med** 1984 Jul;13(4):396-410

Peroxide-producing potential of tissues: inverse correlation with longevity of mammalian species. Cutler RG. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4798-802

Carotenoids and retinol: their possible importance in determining longevity of primate species. Cutler RG. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7627-31

Smoking, sex and longevity over 60 years [letter] Sowder WT. **Public Health Rep** 1984 Nov-Dec;99(6):530-1

Older women and health: an overview. Lewis M. **Women Health** 1985 Summer-Fall;10(2-3):1-16

[Verification of factors in longevity in epidemiological studies in selected regions in Bohemia] Dohnal K, et al. **Cas Lek Cesk** 1985 May 24;124(21):644-7 (Eng. Abstr.) **(Cze)**

[Longevity and geriatrics] Dohnal K, et al. **Cas Lek Cesk** 1984 Dec 21;123(51):1553-5 (Eng. Abstr.) **(Cze)**

[Comparison of life years lost in 1972 and 1982. A follow-up study] Egsmose L, et al. **Ugeskr Laeger** 1985 Mar 18; 147(12):1057-63 (Eng. Abstr.) **(Dan)**

[The longevity of mites of the species Psoroptes ovis, Psoroptes cuniculi and Chorioptes bovis separate from the host] Liebisch A, et al. **DTW** 1985 May 7;92(5):181-5 (Eng. Abstr.) **(Ger)**

[Causes of death of pathologists--the possible effect of formaldehyde] Brunner P, et al. **Pathologe** 1985 Jan; 6(1):43-5 **(Ger)**

[Survival in advanced age--a comparison of short- and long-lived probands of the Bonn gerontologic longitudinal study] Fooken I. **Z Gerontol** 1984 Nov-Dec;17(6):340-58 (Eng. Abstr.) **(Ger)**

[Endogenous and exogenous factors of longevity] Goto Y. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):348-9 **(Jpn)**

[Longevity syndrome: lipoprotein abnormalities in families of homozygous hyperalphalipoproteinemia and hypobetalipoproteinemia] Maruhama Y. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):337-40 (Eng. Abstr.) **(Jpn)**

[Does a limit of the life span really exist?] Gavrilov LA. **Biofizika** 1984 Sep-Oct;29(5):908-11 (Eng. Abstr.) **(Rus)**

[Age-related characteristics of alpha-tocopherol distribution in normal albino rats and during prolongation of life] Paranich AV. **Fiziol Zh** 1985 Mar-Apr;31(2):190-5 (Eng. Abstr.) **(Rus)**

[Statistics on familial longevity in different regions of the USSR] Asadov ShA, et al. **Tsitol Genet** 1985 Mar-Apr; 19(2):137-40 (Eng. Abstr.) **(Rus)**

[Features of the actual diet of persons in the older age groups in the Abkhazian ASSR] Grigorov IuG, et al. **Vopr Pitan** 1984 Sep-Oct;(5):22-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Prolongation of life in female NZB/NZW (F1) hybrid mice by cyclosporin A. Jones MG, et al. **Clin Exp Immunol** 1985 Jan;59(1):1-9

Enterosorption in prolonging old animal lifespan. Frolkis VV, et al. **Exp Gerontol** 1984;19(4):217-25

The effect of dietary methionine on the copper content of tissues and survival of young and old mice. Massie HR, et al. **Exp Gerontol** 1984;19(6):393-9

Dietary vitamin C improves the survival of mice. Massie HR, et al. **Gerontology** 1984;30(6):371-5

Hypoglycemic and life-prolonging properties of Gymnema sylvestre leaf extract in diabetic rats. Srivastava Y, et al. **Isr J Med Sci** 1985 Jun;21(6):540-2

Effect of dietary 2-mercaptoethanol on the life span, immune system, tumor incidence and lipid peroxidation damage in spleen lymphocytes of aging BC3F1 mice. Heidrick ML, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):341-58

Excessive intake of copper: influence on longevity and cadmium accumulation in mice. Massie HR, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):195-203

[Longevity of a population exposed to fluorides for decades] Schmidt CW. **Z Gesamte Inn Med** 1984 Sep 15;39(18):462-3 (Eng. Abstr.) **(Ger)**

[Mechanism of dibunol (butylated hydroxytoluene) prolongation of life] Kol'tover VK, et al. **Dokl Akad Nauk SSSR** 1984;277(2):497-500 **(Rus)**

RADIATION EFFECTS

Relationship between gamma-irradiation, life span, metabolic rate and accumulation of fluorescent age pigment in the adult male housefly, Musca domestica. Allen RG. **Arch Gerontol Geriatr** 1985 Jul;4(2):169-78

LONGITUDINAL STUDIES

Curve fitting for repeated measurements made at irregular time-points. Hui SL. **Biometrics** 1984 Sep;40(3):691-7

LOOP OF HENLE see under **KIDNEY TUBULES**

LOPERAMIDE see under **PIPERIDINES**

LORAJMINE see **AJMALINE**

LORAZEPAM

Drug preference in humans: lorazepam. de Wit H, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:227-32

ADMINISTRATION & DOSAGE

Parenteral premedication with lorazepam--a dose/response study. Odugbesan CO, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):65-9

ADVERSE EFFECTS

Precipitated and spontaneous withdrawal in baboons after chronic dosing with lorazepam and CGS 9896. Lamb RJ, et al. **Drug Alcohol Depend** 1984 Sep;14(1):11-7

Anterograde amnesia with oral lorazepam. Mac DS, et al. **J Clin Psychiatry** 1985 Apr;46(4):137-8

Clonidine in benzodiazepine withdrawal [letter] Keshavan MS, et al. **Lancet** 1985 Jun 8;1(8441):1325-6

[Anxiolytics and mnemonic ability of the aged subject. Apropos of a double-blind study between tiapride and lorazepam] Léger JM, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):696-702 (Eng. Abstr.) **(Fre)**

ANALOGS & DERIVATIVES

Flunitrazepam and lormetazepam do not affect the pharmacokinetics of the benzodiazepine antagonist Ro 15-1788. Klotz U, et al. **Br J Clin Pharmacol** 1985 Jan; 19(1):95-8

Sleep and wake after benzodiazepine hypnotics: a 20-hour EEG comparison of lormetazepam and flunitrazepam. Timsit-Berthier M, et al. **Curr Med Res Opin** 1985; 9(8):552-9

A double-blind controlled subjective study of a new pharmaceutical preparation of lormetazepam versus placebo in patients with chronic sleep disturbances. Meco G, et al. **J Int Med Res** 1985;13(1):12-8

Effects of repeated dose nitrazepam and lormetazepam on psychomotor performance in the elderly. Morgan K. **Psychopharmacology (Berlin)** 1985;86(1-2):209-11

[Changes in the length of sleep cycles during administration of flurazepam and lopirazepam] Fabian A, et al. **EEG EMG** 1984 Sep;15(3):151-8 (Eng. Abstr.) **(Ger)**

[Intravenous sedation before endoscopic interventions. Comparative study of lormetazepam and diazepam in oil] Tolksdorf W, et al. **Fortschr Med** 1985 Mar 7;103(9):249-52 (Eng. Abstr.) **(Ger)**

[Lormetazepam] Honorato Pérez J, et al. **Rev Med Univ Navarra** 1984 Sep;28(3):64-5 **(Spa)**

ANALYSIS

[Hydrolysis of lorazepam with hydrochloric acid. Qualitative and quantitative analysis of byproducts of hydrolysis] Verweij AM, et al. **Arch Kriminol** 1984 Jul-Aug; 174(1-2):35-9 (Eng. Abstr.) **(Ger)**

ANTAGONISTS & INHIBITORS

Aminophylline is an antagonist of lorazepam. Wangler MA, et al. **Anesth Analg** 1985 Aug;64(8):834-6

BLOOD

[Importance of protein binding of lorazepam in its clinical management] Aguilera Celorrio L, et al. **Rev Esp Anestesiol Reanim** 1985 May-Jun;32(3):115-8 (Eng. Abstr.) **(Spa)**

METABOLISM

Kinetics of diazepam, midazolam, and lorazepam in cigarette smokers. Ochs HR, et al. **Chest** 1985 Feb;87(2):223-6

Effects of influenza virus vaccine on hepatic drug metabolism. Meredith CG, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):396-401

Propranolol interactions with diazepam, lorazepam, and alprazolam. Ochs HR, et al. **Clin Pharmacol Ther** 1984 Oct; 36(4):451-5

Effect of oral contraceptives on triazolam, temazepam, alprazolam, and lorazepam kinetics. Stoehr GP, et al. **Clin Pharmacol Ther** 1984 Nov;36(5):683-90

Temporal variations of lorazepam pharmacokinetics. Bruguerolle B, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):352-4

Probenecid impairment of acetaminophen and lorazepam clearance: direct inhibition of ether glucuronide formation. Abernethy DR, et al. **J Pharmacol Exp Ther** 1985 Aug; 234(2):345-9

Comparative pharmacokinetics and pharmacodynamics of lorazepam, alprazolam and diazepam. Ellinwood EH Jr, et al. **Psychopharmacology (Berlin)** 1985;86(4):392-9

PHARMACODYNAMICS

Lorazepam and high-dose fentanyl anaesthesia: effects on haemodynamics and oxygen transportation in patients undergoing coronary revascularization. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):357-61

Task-dependent development of cross-tolerance to psychomotor effects of lorazepam in man. Aranko K. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):373-81

Lorazepam and pentobarbital discrimination: interactions with CGS 8216 and caffeine. Ator NA, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):169-81

Information processing and benzodiazepines. Kleindienst-Vanderbeke G. **Neuropsychobiology** 1984; 12(4):238-43

Oxprenolol plus ethanol causes no central nervous system depression--a comparison with lorazepam plus ethanol. Aucamp AK, et al. **S Afr Med J** 1984 Sep 22;66(12):445-6

THERAPEUTIC USE

Lorazepam for chemotherapy-induced emesis [letter] Greenspoon J, et al. **Arch Intern Med** 1984 Dec; 144(12):2432-3

A comparison of the effects of lorazepam with those of propranolol on experimentally-induced anxiety and performance. File SE, et al. **Br J Clin Pharmacol** 1985 Apr; 19(4):445-51

A multi-centre, double-blind parallel trial of bromazepam ('Lexotan') and lorazepam to compare the acute benefit-risk ratio in the treatment of patients with anxiety. Cordingley GJ, et al. **Curr Med Res Opin** 1985;9(7):505-10

Lorazepam in cancer patients treated with cisplatin: a drug having antiemetic, amnesic, and anxiolytic effects. Laszlo J, et al. **J Clin Oncol** 1985 Jun;3(6):864-9

Inpatient clinical trial of lorazepam for the management of manic agitation. Modell JG, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):109-13

Efficacy and withdrawal of two potent benzodiazepines: bromazepam and lorazepam. Fontaine R, et al. **Psychopharmacol Bull** 1985;21(1):91-2

[Treatment of anxiety with prazepam, 40 mg. A controlled study versus lorazepam] Danion JM, et al. **Encephale** 1984; 10(3):135-8 (Eng. Abstr.) **(Fre)**

TOXICITY

Circadian variations of lorazepam-induced neurologic deficits. Henauer S, et al. **Life Sci** 1984 Nov 26; 35(22):2193–7

LORDOSIS

COMPLICATIONS

The lumbar lordosis in acute and chronic low-back pain. Hansson T, et al. **Spine** 1985 Mar;10(2):154–5

ETIOLOGY

[Spinal deformity and back pain in spinal osteoporosis] Sato K. **Nippon Ronen Igakkai Zasshi** 1984 Jul;21(4):297–303 (Eng. Abstr.) **(Jpn)**

[Pathomechanical analysis of body posture in 11-year-old girls] Wójcik M. **Pol Tyg Lek** 1985 May 13;40(19):541–4 (Eng. Abstr.) **(Pol)**

SURGERY

Thoracic lordoscoliosis in neurofibromatosis: treatment by a Harrington rod with sublaminar wiring. Report of two cases [letter] Dickson RA. **J Bone Joint Surg [Am]** 1985 Jun;67(5):822–3

Thoracic lordoscoliosis in neurofibromatosis: treatment by a Harrington rod with sublaminar wiring. Report of two cases. Winter RB. **J Bone Joint Surg [Am]** 1984 Sep; 66(7):1102–6

The lumbar theco-peritoneal shunt syndrome and its surgical management. McMaster MJ, et al. **J Bone Joint Surg [Br]** 1985 Mar;67(2):198–203

THERAPY

Exercises for spinal deformity. Schock CC. **J Arkansas Med Soc** 1984 Nov;81(6):309–13

LORR'S INPATIENT MULTIDIMENSIONAL PSYCHIATRIC RATING SCALE see under **PSYCHIATRIC STATUS RATING SCALES**

LOUDNESS PERCEPTION

A comparison of different methods for assessing the 'intensity' of tinnitus. Hallam RS, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun;99(5-6):501–8

The augmenting/reducing phenomenon in the auditory evoked potential. Prescott J, et al. **Biol Psychol** 1984 Aug; 19(1):31–44

SSW test performance-intensity functions for hearing-impaired adults. Flynn PA, et al. **Ear Hear** 1984 Nov-Dec;5(6):346–8

Intensity perception. XIII. Perceptual anchor model of context-coding. Braida LD, et al. **J Acoust Soc Am** 1984 Sep;76(3):722–31

Intensity discrimination: a severe departure from Weber's law. Carlyon RP, et al. **J Acoust Soc Am** 1984 Nov; 76(5):1369–76

Auditory profile analysis: frequency, phase, and Weber's law. Green DM, et al. **J Acoust Soc Am** 1985 Mar;77(3):1155–61

Intensity difference limens at high frequencies. Long GR, et al. **J Acoust Soc Am** 1985 Aug;78(2):507–13

On the growth of masking asymmetry with stimulus intensity. Lutfi RA, et al. **J Acoust Soc Am** 1984 Sep;76(3):739–45

Behavioral vocal response thresholds to mating calls in the bullfrog, Rana catesbeiana. Megela-Simmons A. **J Acoust Soc Am** 1984 Sep;76(3):676–81

Additivity of simultaneous masking, revisited. Moore BC. **J Acoust Soc Am** 1985 Aug;78(2):488–94

Steps in loudness summation. Mulligan BE, et al. **J Acoust Soc Am** 1985 Mar;77(3):1141–54

Perception of temporal differences in speech by 'normal-hearing' adults: effects of age and intensity. Price PJ, et al. **J Acoust Soc Am** 1984 Aug;76(2):405–10

Temporal summation in normally and abnormally hearing chinchillas. Davis RI, et al. **J Aud Res** 1983 Oct; 23(4):281–92

Learned self-control of tinnitus through a matching-to-sample feedback technique: a clinical investigation. Ince LP, et al. **J Behav Med** 1984 Dec; 7(4):355–65

Individual differences in loudness processing and loudness scales. Algom D, et al. **J Exp Psychol [Gen]** 1984 Dec; 113(4):571–93

A theory of criterion setting: an alternative to the attention band and response ratio hypotheses in magnitude estimation and cross-modality matching. Treisman M. **J Exp Psychol [Gen]** 1984 Sep;113(3):443–63

Effects of range on category scaling of loudness judgments. Payne MC Jr, et al. **Percept Mot Skills** 1985 Apr; 60(2):619–24

Continuous judgment of level-fluctuating sounds and the relationship between overall loudness and instantaneous loudness. Kuwano S, et al. **Psychol Res** 1985;47(1):27–37

PHYSIOLOGY

Single-neuron labeling and chronic cochlear pathology. IV. Stereocilia damage and alterations in rate- and phase-level functions. Liberman MC, et al. **Hear Res** 1984 Oct; 16(1):75–90

Origin of latency shift of cochlear nerve potentials with sound intensity. Møller AR. **Hear Res** 1985 Feb; 17(2):177–89

Perceived magnitude of two-tone-noise complexes: loudness, annoyance, and noisiness. Hellman RP. **J Acoust Soc Am** 1985 Apr;77(4):1497–504

Monaural and binaural auditory brainstem responses in relation to the psychophysical loudness growth function. Howe SW, et al. **J Acoust Soc Am** 1984 Sep;76(3):787–93

Effects of flanking noise bands on the rate of growth of loudness of tones in normal and recruiting ears. Moore BC, et al. **J Acoust Soc Am** 1985 Apr;77(4):1505–13

Responses of neurons in the cat's superior colliculus to acoustic stimuli. II. A model of interaural intensity sensitivity. Yin TC, et al. **J Neurophysiol** 1985 Mar; 53(3):746–58

Acoustic-reflex dynamics and the loudness-discomfort level. Greenfield DG, et al. **J Speech Hear Disord** 1985 Feb; 50(1):14–20

Relationship between stimulus intensity and the P300. Papanicolaou AC, et al. **Psychophysiology** 1985 May; 22(3):326–9

LOUDNESS RECRUITMENT see **RECRUITMENT, LOUDNESS**

LOUDNESS RECRUITMENT DETECTION see **RECRUITMENT DETECTION (AUDIOLOGY)**

LOUIS-BAR SYNDROME see **ATAXIA TELANGIECTASIA**

LOUPING ILL VIRUS see under **ENCEPHALITIS VIRUSES, TICK-BORNE**

LOVE

Delusional loving and the self [letter] Grinker RR. **Am J Psychiatry** 1985 May;142(5):659

Poet, friend, and poetry: the idealized image of love in Shakespeare's sonnets. Lewis CR. **Am J Psychoanal** 1985 Summer;45(2):176–90

An effective therapeutic intervention with adolescent in-patients in love. Collins R. **Can J Psychiatry** 1984 Aug; 29(5):428–30

Caregiving within kinship systems: is affection really necessary? Jarrett WH. **Gerontologist** 1985 Feb;25(1):5–10 (24 ref.)

Protection through love: group psychotherapy and the benign superego. Fieldsteel ND. **Int J Group Psychother** 1984 Oct;34(4):541–51

Platonic love, transference love, and love in real life. Bergmann MS. **J Am Psychoanal Assoc** 1982;30(1):87–111

A developmental line of gender identity, gender role, and choice of love object. Tyson P. **J Am Psychoanal Assoc** 1982;30(1):61–86

[Love of children in the works and activities of Janusz Korczak] Palasz M. **Wiad Lek** 1984 May 1;37(9):733–6 **(Pol)**

[Notes for a phenomenology of love] Doerr Zegers O. **Actas Luso Esp Neurol Psiquiatr** 1984 May-Jun; 12(3):175–84 **(Spa)**

LOW CARDIAC OUTPUT see **CARDIAC OUTPUT, LOW**

LOW DENSITY LIPOPROTEINS see **LIPOPROTEINS, LDL**

LOWER BODY NEGATIVE PRESSURE see under **DECOMPRESSION**

LOXAPINE see under **DIBENZOXAZEPINES**

LP-X see **LIPOPROTEIN-X**

LSD see **LYSERGIC ACID DIETHYLAMIDE**

LUBRICATION see under **PHYSICS**

LUCANTHONE

PHARMACODYNAMICS

The effect of lucanthone on sublethal radiation damage, in vivo. Milligan AJ, et al. **Int J Radiat Oncol Biol Phys** 1984 Dec;10(12):2309–13

LUCENSOMYCIN see under **ANTIBIOTICS, ANTIFUNGAL**

LUCERNE see **ALFALFA**

LUCIFERASE

A firefly luciferase assay for determination of cytidine 5'-triphosphate in biological samples. Nitschmann WH. **Anal Biochem** 1985 May 15;147(1):186–93

Crystals of luciferase from Vibrio harveyi. A preliminary characterization. Swanson R, et al. **J Biol Chem** 1985 Jan 25;260(2):1287–9

Quantitative and continuous analysis of ATP release from blood platelets with firefly luciferase luminescence. Higashi T, et al. **Thromb Haemost** 1985 Feb 18;53(1):65–9

ANTAGONISTS & INHIBITORS

Enzyme inhibition by steroid anaesthetic agents derived from progesterone. Banks P, et al. **Br J Anaesth** 1985 May; 57(5):512–4

Metal-ion mediated interaction of luciferase with tetraiodofluorescein. Rajgopal S, et al. **J Chromatogr** 1984 Dec 19;315:175–84

Mapping of general anaesthetic target sites provides a molecular basis for cutoff effects. Franks NP, et al. **Nature** 1985 Jul 25-31;316(6026):349–51

The inhibition of bacterial bioluminescence by xenobiotics. Danilov VS, et al. **Xenobiotica** 1985 Apr;15(4):271–6

BIOSYNTHESIS

Mechanisms of iron regulation of luminescence in Vibrio fischeri. Haygood MG, et al. **J Bacteriol** 1985 Apr; 162(1):209–16

BLOOD

[Lactate dehydrogenase activity and its isoenzyme in a system coupled with bacterial luciferase] Ismailov AD, et al. **Vopr Med Khim** 1984;30(6):45–50 (Eng. Abstr.) **(Rus)**

DIAGNOSTIC USE

The preparation of bacterial luciferase conjugates for immunoassay and application to rubella antibody detection. Jablonski E. **Anal Biochem** 1985 Jul;148(1):199–206

[Evaluation of bacterial growth rate by the ATP-bioluminescence method (luciferase assay)--comparison with conventional methods and application to clinical studies] Tono-oka T, et al. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):125–33 (Eng. Abstr.) **(Jpn)**

GENETICS

Expression of the cloned subunits of bacterial luciferase from separate replicons. Gupta SC, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1007–11

Synthesis of active firefly luciferase by in vitro translation of RNA obtained from adult lanterns. Wood KV, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):592–6

Cloning of the luciferase structural genes from Vibrio harveyi and expression of bioluminescence in Escherichia coli. Baldwin TO, et al. **Biochemistry** 1984 Jul 31;23(16):3663–7

Polycistronic mRNAs code for polypeptides of the Vibrio harveyi luminescence system. Miyamoto CM, et al. **J Bacteriol** 1985 Mar;161(3):995–1001

Nucleotide sequence of the luxA gene of Vibrio harveyi and the complete amino acid sequence of the alpha subunit of bacterial luciferase. Cohn DH, et al. **J Biol Chem** 1985 May 25;260(10):6139–46

METABOLISM

Two kinetically distinguishable ATP sites in firefly luciferase. DeLuca M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):764–70

Firefly and bacterial luminescence: basic science and applications. McElroy WD, et al. **J Appl Biochem** 1983 Jun;5(3):197–209

PHARMACODYNAMICS

Inhibition by luciferin-luciferase reagents of aggregatory responses to excitatory agonists in washed platelet suspensions. Thompson NT, et al. **Thromb Res** 1985 Apr 15;38(2):109–19

LUCIFERIN

PHARMACODYNAMICS

Inhibition by luciferin-luciferase reagents of aggregatory responses to excitatory agonists in washed platelet suspensions. Thompson NT, et al. **Thromb Res** 1985 Apr 15;38(2):109–19

LUDWIG'S ANGINA

Ludwig's angina. Aden K, et al. **Ear Nose Throat J** 1985 Apr;64(4):168–72

COMPLICATIONS

A re-evaluation of the role of tracheostomy in Ludwig's angina. Allen D, et al. **J Oral Maxillofac Surg** 1985 Jun; 43(6):436–9

DRUG THERAPY

Ludwig's angina. Aden KK, et al. **Nebr Med J** 1984 Dec; 69(12):395–8

ETIOLOGY

Ludwig's angina as a complication of ameloblastoma of the mandible. Tsuji T, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):815–9

SURGERY

Ludwig's angina. The anaesthetic management of nine cases. Loughnan TE, et al. **Anaesthesia** 1985 Mar;40(3):295–7

THERAPY

Management of Ludwig's angina in a patient with severe hemophilia A with factor VIII inhibitors: report of case. Nelson L, et al. **ASDC J Dent Child** 1985 Jul-Aug; 52(4):306-11

LUMBAGO see **BACKACHE**

LUMBAR PUNCTURE see **SPINAL PUNCTURE**

LUMBAR REGION see **LUMBOSACRAL REGION**

LUMBAR VERTEBRAE

The etiology of spondylolysis. A retrospective radiographic study. Saraste H. **Acta Orthop Scand** 1985 Jun;56(3):253-5

Magnetic resonance imaging of the lumbar spine with CT correlation. Maravilla KR, et al. **AJNR** 1985 Mar-Apr; 6(2):237-45

On the pathogenesis of spondylosis deformans and arthrosis uncovertebralis: comparative form-analytical radiological and statistical studies on lumbar and cervical vertebral bodies. Pesch HJ, et al. **Arch Orthop Trauma Surg** 1984; 103(3):201-11

Chordoma in a chronic pain patient. McCain MA. **Arch Phys Med Rehabil** 1985 Jul;66(7):457-8

Diabetic Charcot spine as cauda equina syndrome: an unusual presentation. Race MC, et al. **Arch Phys Med Rehabil** 1985 Jul;66(7):463-5

Lumbar reservoir for intrathecal chemotherapy. Dyck P. **Cancer** 1985 Jun 15;55(12):2771-3

Surgically confirmed myelographic classification of congenital intraspinal lipoma in the lumbosacral region. Sato K, et al. **Childs Nerv Syst** 1985;1(1):3-11

Spondylolisthesis and related disorders. A correlative study of 105 patients. Soren A, et al. **Clin Orthop** 1985 Mar; (193):171-7

Musculoskeletal tumor surgery in Göteborg. Stener B. **Clin Orthop** 1984 Dec;(191):8-20

Multicentre double-blind comparison of piroxicam and indomethacin in the treatment of lumbar diseases. Aoki T, et al. **Eur J Rheumatol Inflamm** 1983;6(3):247-52

Vertebral osteoid osteoma. A case report. Rodriguez-Fuentes AE, et al. **Int Orthop** 1985;8(4):295-8

Combined neurosurgical-orthopedic approach to the correction of radiculopathy and instability in spondylolysis and spondylolisthesis. Johnson AC, et al. **Int Surg** 1984 Oct-Dec;69(4):345-50

Vertebral osteomyelitis as another cause of low back pain: case report. Huslig EL. **J Manipulative Physiol Ther** 1984 Sep;7(3):175-8

Lumbar abscess resulting from tuberculosis of the spine. Dawson JW, et al. **J R Soc Med** 1984 Aug;77(8):689-90

Lateral rotary manipulative maneuver in the treatment of subluxation and synovial entrapment of lumbar facet joints. Cui GF, et al. **J Tradit Chin Med** 1984 Sep;4(3):211-2

Treatment of Aspergillus infection of the proximal aortic prosthetic graft with associated vertebral osteomyelitis. Anderson J, et al. **J Vasc Surg** 1984 Jul;1(4):579-81

Spondylitis deformans in a Bryde's whale (Balaenoptera edeni Anderson) stranded on the southern coast of Queensland. Paterson RA. **J Wildl Dis** 1984 Jul;20(3):250-2

Aggressive osteoblastoma. Roessner A, et al. **Pathol Res Pract** 1985 Jan;179(3):433-8

Lumbar traction: its effect on respiration. Quain MB, et al. **Phys Ther** 1985 Sep;65(9):1343-6

Malignant inflammatory fibrous histiocytoma of bone and acute lymphoblastic leukaemia. Woodcock BE, et al. **Postgrad Med J** 1985 Jul;61(717):631-3

Dural puncture using the lateral approach for chemonucleolysis. Dabezies EJ, et al. **Spine** 1985 Jan-Feb; 10(1):93-6

Segmental instability. Rationale for treatment. Frymoyer JW, et al. **Spine** 1985 Apr;10(3):280-6

Centrode patterns and segmental instability in degenerative disc disease. Gertzbein SD, et al. **Spine** 1985 Apr; 10(3):257-61

Acute prolapsed lumbar intervertebral disc. An epidemiologic study with special reference to driving automobiles and cigarette smoking. Kelsey JL, et al. **Spine** 1984 Sep;9(6):608-13

Symptoms and signs of sciatica and their relation to the localization of the lumbar disc herniation. Kortelainen P, et al. **Spine** 1985 Jan-Feb;10(1):88-92

Symptoms associated with lysis of the pars interarticularis. Porter RW, et al. **Spine** 1984 Oct;9(7):755-8

Proliferating sparganosis of the lumbar spine--a case report. Liao SW, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun; 83(6):603-11

Vertebral chordoma in two ranch mink. Hadlow WJ. **Vet Pathol** 1984 Sep;21(5):533-6

[Saccular aneurysm of the abdominal aorta with erosion of the lumbar spine] Jørgensen L, et al. **Ugeskr Laeger** 1985 May 27;147(22):1777-8 (Eng. Abstr.) **(Dan)**

[Peridural anesthesia and lumbar metastasis] Dabo B, et al. **Cah Anesthesiol** 1984 Mar;32(2):137 **(Fre)**

[Polyneuropathy and monoclonal gammopathy in Parker-Jackson tumor (letter)] Galmiche JG, et al. **Presse Med** 1985 Feb 16;14(7):431-2 **(Fre)**

[Spondylolysis and -listhesis. A computed tomographic differential diagnosis of lumbar discopathy] Weiss T, et al. **ROFO** 1985 Jul;143(1):68-73 (Eng. Abstr.) **(Ger)**

[Evaluation of the results of the surgical treatment of hernias of the lumbar disk] Giovanelli De Noris M, et al. **Chir Ital** 1985 Apr;37(2):206-13 (Eng. Abstr.) **(Ita)**

[Quiz case. Malignant fibrous histiocytoma in Paget's disease] Ruggieri P, et al. **Chir Organi Mov** 1984;69(1):97-100 **(Ita)**

[A case of renal carcinoma with bone metastasis, producing alpha-fetoprotein] Nishimura T, et al. **Hinyokika Kiyo** 1984 Jul;30(7):903-5 (Eng. Abstr.) **(Jpn)**

[Abdominal aortic pseudoaneurysm causing vertebral erosion] OhbaS, et al. **Rinsho Hoshasen** 1984 Dec; 29(13):1533-4 **(Jpn)**

[Complications of Scheuermann's disease in the lumbosacral spine] Arct W. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(1):65-70 (Eng. Abstr.) **(Pol)**

[Circumstances of development of pain syndrome in patients with spondylolisthesis and spondylolysis] Gusta A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):439-42 (Eng. Abstr.) **(Pol)**

[Case of osteochondroma of atypical localization giving symptoms of tumor of the spinal canal] Mrówka R, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(6):523-5 (Eng. Abstr.) **(Pol)**

[Ilio-lumbar syndrome] Nowak C. **Wiad Lek** 1984 Apr 1; 37(7):540-3 **(Pol)**

[Magnetotherapy in the complex treatment of lumbar osteochondritis] Fishchenko VIa, et al. **Ortop Travmatol Protez** 1984 Aug;(8):12-5 (Eng. Abstr.) **(Rus)**

[Characteristics of orthopedic sequelae of childhood tuberculous spondylitis] Garbuz AE, et al. **Ortop Travmatol Protez** 1985 Mar;(3):15-8 (Eng. Abstr.) **(Rus)**

[Clinico-electromyographic parallels in the evaluation of the results of treating lumbar osteochondrosis by the papain nucleolysis technic] Kaz'min AI, et al. **Ortop Travmatol Protez** 1984 Aug;(8):7-12 (Eng. Abstr.) **(Rus)**

[Conservative treatment of lumbofemoral extension rigidity in children and adolescents with lumbar osteochondrosis] Malakhov OA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):30-4 (Eng. Abstr.) **(Rus)**

[Manual therapy of patients with lumbar osteochondrosis with neurologic syndromes] Drobinskiĭ AD, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):525-8 (Eng. Abstr.) **(Rus)**

[Peridural administration of drugs in root-compression forms of lumbar osteochondrosis] Margolin GA, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):523-5 (Eng. Abstr.) **(Rus)**

[Asymmetries in the serum ceruloplasmin concentration of patients with spondylogenic lumbosacral radiculitis] Neĭmark EZ, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):513-6 (Eng. Abstr.) **(Rus)**

[Role of neurotrophic control in the formation of vertebrogenic neural and myodystrophic syndromes] Popelianskiĭ IaIu, et al. **Zh Nevropatol Psikhiatr** 1985; 85(3):333-7 (Eng. Abstr.) **(Rus)**

[Fulminant and gradual evolution of the clinical manifestations of lumbar osteochondrosis] Popelianskiĭ IaIu, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):497-501 (Eng. Abstr.) **(Rus)**

[Electroneuromyographic evaluation of the efficacy of vibrotraction treatment of patients with vertebrogenic lumbosacral radiculitis] Vel'khover ES, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):354-9 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

CT Appearance of the retroisthmic cleft. Johansen JG, et al. **AJNR** 1984 Nov-Dec;5(6):835-6

Case report: CT findings in lumbosacral agenesis. Tihansky DP, et al. **J Comput Tomogr** 1984 Oct;8(4):325-9

Sacroiliac syndrome associated with lumbosacral anomalies: a case report. Bressler HB, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):171-3

Congenital vertebral malformations: prenatal diagnosis using ultrasonography. Abrams SL, et al. **Radiology** 1985 Jun; 155(3):762

[Lumbosacral dysplasias] Schumacher M, et al. **Radiologe** 1984 Sep;24(9):434-41 (Eng. Abstr.) **(Ger)**

[Rare radiological symptoms of primary spinal stenosis] Smereczyński A, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):22-6 (Eng. Abstr.) **(Pol)**

[Case of triquadrispondylia] Nowak C. **Wiad Lek** 1984 Nov 1;37(21):1714-7 (Eng. Abstr.) **(Pol)**

[Asymmetry of intervertebral joints of the thoraco-lumbar region and ankylosing changes in the spine] Nowak C. **Wiad Lek** 1985 Apr 1;38(7):523-7 (Eng. Abstr.) **(Pol)**

[A case of hemiturrispondylia] Nowak C. **Wiad Lek** 1984 Apr 15;37(8):637-9 (Eng. Abstr.) **(Pol)**

[Prognosis of the course of dysplastic scoliosis] Fishchenko VIa, et al. **Ortop Travmatol Protez** 1985 Mar;(3):51-6 (Eng. Abstr.) **(Rus)**

ANALYSIS

Measurement of lumbar spine bone mineral: a comparison of dual photon absorptiometry and computed tomography. Sambrook PN, et al. **Br J Radiol** 1985 Jul;58(691):621-4

Lumbar spine bone mineral content by photon beam absorptiometry. Methodology and application in osteoporosis. Krølner B. **Dan Med Bull** 1985 Jun; 32(3):152-70 (103 ref.)

The histochemical composition of human vertebral muscle. Bagnall KM, et al. **Spine** 1984 Jul-Aug;9(5):470-3

The bone mineral content of the lumbar spine in patients with chronic low-back pain. Hansson T, et al. **Spine** 1985 Mar;10(2):158-60

ANATOMY & HISTOLOGY

High-field surface-coil MR imaging of localized anatomy. Schenck JF, et al. **AJNR** 1985 Mar-Apr;6(2):181-6

Anatomy and radiological anatomy of the lumbar radicular canals. Lassale B, et al. **Anat Clin** 1984;6(3):195-201

The cervical and lumbar vertebrae--an anthropometric model. Nissan M, et al. **Eng Med** 1984 Jul;13(3):111-4

Lateral foramina in the equine thoracolumbar vertebral column: an anatomical study. Gloobe H. **Equine Vet J** 1984 Sep;16(5):469-70

The menisci of the lumbar zygapophyseal joints. A review of their anatomy and clinical significance. Bogduk N, et al. **Spine** 1984 Jul-Aug;9(5):454-60 (28 ref.)

Toward standards for posture. Postural characteristics of the lower back system in normal and pathologic conditions. During J, et al. **Spine** 1985 Jan-Feb;10(1):83-7

Immunohistochemical demonstration of nociceptors in the ligamentous structures of the lumbar spine. Korkala O, et al. **Spine** 1985 Mar;10(2):156-7

The posterior surface of the lumbar vertebral bodies. Part I. Larsen JL. **Spine** 1985 Jan-Feb;10(1):50-8

The orientation of laminae and facet joints in the lower lumbar spine. Van Schaik JP, et al. **Spine** 1985 Jan-Feb; 10(1):59-63

[Measurement of the sagittal diameter of the cervical and lumbar spinal canal with sonography] Manitz U, et al. **Beitr Orthop Traumatol** 1985 Feb;32(2):65-7 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

[Changes in intervertebral disks and vertebral bodies in experimental disorders of segmental blood flow and additional acute trauma] Grigorovskiĭ VV, et al. **Ortop Travmatol Protez** 1985 Mar;(3):21-5 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

[Results of treatment of intradisk therapy with collagenase in lumbar intervertebral disk prolapse] Lenz G, et al. **Orthopade** 1985 Apr;14(2):133-42 **(Ger)**

[Trypsin iontophoresis in spinal osteochondrosis] Chilingarian RA, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):48-51 **(Rus)**

INJURIES

Unstable thoracolumbar fractures. A comparative radiologic study of conservative treatment and Harrington instrumentation. Lindahl S, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan-Feb;26(1):67-77

Lumbar vertebral reformation after traumatic compression fracture. Beerman R, et al. **AJNR** 1985 May-Jun;6(3):455-6

Intraoperative spinal sonography in thoracic and lumbar fractures: evaluation of Harrington rod instrumentation. Quencer RM, et al. **AJR** 1985 Aug;145(2):343-9

Thoracolumbar burst fractures: CT dimensions of the spinal canal relative to postsurgical improvement. Shuman WP, et al. **AJR** 1985 Aug;145(2):337-41

Biomechanical aspects of lumbar spine injuries in athletes: a review. Alexander MJ. **Can J Appl Sport Sci** 1985 Mar; 10(1):1-20

Subtotal circumferential decompression for late thoracolumbar fracture-dislocation complicated by paraplegia. Zhao DL, et al. **Chin Med J [Engl]** 1984 Jun; 97(6):419-24

Contoured Harrington instrumentation in the treatment of unstable spinal fractures. The effect of supplementary sublaminar wires. Akbarnia BA, et al. **Clin Orthop** 1984 Oct;(189):186-94

Radiology of thoracic and lumbar fractures. Angtuaco EJ, et al. **Clin Orthop** 1984 Oct;(189):43-57 (30 ref.)

Acute thoracolumbar burst fractures in the absence of neurologic deficit. A comparison between operative and nonoperative treatment. Denis F, et al. **Clin Orthop** 1984 Oct;(189):142-9

Comparison between square-ended distraction rods and standard round-ended distraction rods in the treatment of thoracolumbar spinal injuries. A statistical analysis. Denis F, et al. **Clin Orthop** 1984 Oct;(189):162-7

Burst fractures of the thoracic and lumbar spine. DeWald RL. **Clin Orthop** 1984 Oct;(189):150-61

Anterior stabilization of thoracolumbar injuries. Dunn HK. **Clin Orthop** 1984 Oct;(189):116-24

A mechanistic classification of thoracolumbar spine fractures. Ferguson RL, et al. **Clin Orthop** 1984 Oct;(189):77-88

Stabilization of thoracic and thoracolumbar fracture-dislocations with Harrington rods and sublaminar wires. Gaines RW, et al. **Clin Orthop** 1984 Oct; (189):195-203

A plea for judgment in management of thoracolumbar fractures and fracture-dislocations. A reassessment of surgical indications. Gaines RW, et al. **Clin Orthop** 1984

Oct;(189):36–42 (70 ref.)

Structural scoliosis in osteoporotic women. Healey JH, et al. **Clin Orthop** 1985 May;(195):216–23

A locking hook spinal rod system for stabilization of fracture-dislocations and correction of deformities of the dorsolumbar spine. A biomechanic evaluation. Jacobs RR, et al. **Clin Orthop** 1984 Oct;(189):168–77

Surgical management of thoracolumbar spinal injuries. General principles and controversial considerations. Jacobs RR, et al. **Clin Orthop** 1984 Oct;(189):22–35 (48 ref.)

The effect of internal fixation without arthrodesis on human facet joint cartilage. Kahanovitz N, et al. **Clin Orthop** 1984 Oct;(189):204–8

Radiographic evaluation of thoracolumbar fractures. Keene JS. **Clin Orthop** 1984 Oct;(189):58–64

Anterior fixation for fractures of the thoracic and lumbar spine with or without neurologic involvement. Kostuik JP. **Clin Orthop** 1984 Oct;(189):103–15

Stabilization of the lower thoracic and lumbar spine with external skeletal fixation. Magerl FP. **Clin Orthop** 1984 Oct;(189):125–41

Experimental evaluation of Harrington rod fixation supplemented with sublaminar wires in stabilizing thoracolumbar fracture–dislocations. Munson G, et al. **Clin Orthop** 1984 Oct;(189):97–102

Sublaminar wiring of Harrington distraction rods for unstable thoracolumbar spine fractures. Sullivan JA. **Clin Orthop** 1984 Oct;(189):178–85

The mechanics of thoracolumbar fractures stabilized by segmental fixation. Wenger DR, et al. **Clin Orthop** 1984 Oct;(189):89–96

Pars interarticularis stress reaction, spondylolysis, and spondylolisthesis in gymnasts. Ciullo JV, et al. **Clin Sports Med** 1985 Jan;4(1):95–110

Rehabilitation of neck and low back injuries. Teitz CC, et al. **Clin Sports Med** 1985 Jul;4(3):455–76

Gunshot wounds to the spine as evaluated by CT–scanning. Two illustrative case reports. Kaiser MC, et al. **Comput Radiol** 1985 Mar–Apr;9(2):121–4

U.K. national statistics on handling accidents and lumbar injuries at work. David GC. **Ergonomics** 1985 Jan;28(1):9–16

National statistics in the Netherlands. Zuidema H. **Ergonomics** 1985 Jan;28(1):3–7

Fracture of the transverse process of the fifth lumbar vertebra. Reis ND, et al. **Injury** 1985 May;16(6):421–3

Can inguinal hernia be caused by a fractured spine? Reis ND. **Injury** 1985 Jan;16(4):243

Anteriorly displaced transverse fracture of the sacrum with fracture–dislocation at the L4–L5 lumbar level. Sapkas G, et al. **Injury** 1985 Mar;16(5):354–7

The surgical reconstruction of fractures and fracture dislocations of the thoraco–lumbar spine. Otani K, et al. **Int Orthop** 1984;8(1):29–36

Conservative treatment of thoracic and lumbar vertebral fractures. Aglietti P, et al. **Ital J Orthop Traumatol** 1983 Nov;9 Suppl:83–105

Surgical treatment of thoracolumbar vertebral fractures. Gui L, et al. **Ital J Orthop Traumatol** 1983 Nov;9 Suppl:127–70

Chance's fracture. Van Tiggelen R, et al. **J Belge Radiol** 1985;68(1):63–5

Treatment of fractures and dislocations of the thoracic and lumbar spine. Bohlman HH. **J Bone Joint Surg [Am]** 1985 Jan;67(1):165–9 (19 ref.)

Complications following Harrington instrumentation for fractures of the thoracolumbar spine. McAfee PC, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):672–86

Anterior decompression of traumatic thoracolumbar fractures with incomplete neurological deficit using a retroperitoneal approach. McAfee PC, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):89–104

Internal fixation of fractures of the thoracolumbar spine. Stauffer ES. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1136–8 (12 ref.)

Computed tomography of posterior lumbar apophyseal ring fractures. Dake MD, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):730–2

Relationships between spinal cord lesions and vertebral lesions. Tator CH. **J Neurosurg Sci** 1984 Jul–Dec;28(3–4):157–61

Chance fracture in a child: a case report with nonoperative treatment. Blasier RD, et al. **J Pediatr Orthop** 1985 Jan–Feb;5(1):92–3

Unstable fractures of the thoracolumbar spine: a 10–year experience at Sacré–Coeur Hospital. Jodoin A, et al. **J Trauma** 1985 Mar;25(3):197–202

New trends in surgical stabilization of thoraco–lumbar spinal fractures with emphasis for sublaminar wiring. Akbarnia BA, et al. **Paraplegia** 1985 Feb;23(1):27–33

Jogger's fracture and other stress fractures of the lumbo–sacral spine. Abel MS. **Skeletal Radiol** 1985;13(3):221–7

The influence of vertebral body fracture, intradiscal injection, and partial discectomy on the radial bulge and height of human lumbar discs. Brinckmann P, et al. **Spine** 1985 Mar;10(2):138–45

Pars interarticularis fusion of multiple levels of lumbar spondylolysis. A case report. Eingorn D, et al. **Spine** 1985 Apr;10(3):250–2

The role of intraoperative ultrasonography in the treatment of thoracic and lumbar spine fractures. Eismont FJ, et al. **Spine** 1984 Nov–Dec;9(8):782–7

Confirmation of the posterolateral technique to decompress and fuse thoracolumbar spine burst fractures. Garfin SR, et al. **Spine** 1985 Apr;10(3):218–23

Burst fractures with neurologic deficits of the thoracolumbar–lumbar spine. Results of anterior decompression and stabilization with anterior instrumentation. Kaneda K, et al. **Spine** 1984 Nov–Dec;9(8):788–95

A biomechanical analysis of spinal instrumentation systems in thoracolumbar fractures. Comparison of traditional Harrington distraction instrumentation with segmental spinal instrumentation. McAfee PC, et al. **Spine** 1985 Apr;10(3):204–17

Unstable thoracolumbar fractures. A comparative clinical study of conservative treatment and Harrington instrumentation. Willén J, et al. **Spine** 1985 Mar;10(2):111–22

The thoracolumbar crush fracture. An experimental study on instant axial dynamic loading: the resulting fracture type and its stability. Willén J, et al. **Spine** 1984 Sep;9(6):624–31

Closed reduction of lumbosacral fracture dislocations. Boyd MC, et al. **Surg Neurol** 1985 Mar;23(3):295–8

[Use of improved Harrington's instrumentation for fracture of the thoracolumbar vertebrae with paraplegia] Wang YM. **Chung Hua Wai Ko Tsa Chih** 1984 Jan;22(1):31–2, 63 (Eng. Abstr.) **(Chi)**

[Guidelines for the diagnosis and primary treatment of patients with injuries of the thoracic and lumbar vertebrae] Visser GJ, et al. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):504–7 (Eng. Abstr.) **(Dut)**

[Bilateral luxation of L5–S1. Apropos of a case reduced and fixed at the 120th day] Guillamon JL, et al. **Rev Chir Orthop** 1985;71(4):269–74 (Eng. Abstr.) **(Fre)**

[Internal fixation of the thoracic and lumbar vertebrae] Dick W. **Aktuel Probl Chir Orthop** 1984;28:1–125 **(Ger)**

[Osteosynthesis of severe injuries of the thoracic and lumbar spine with internal fixation] Dick W. **Langenbecks Arch Chir** 1984;364:343–6 (Eng. Abstr.) **(Ger)**

[Fractures of the lumbar spine and the lower thoracic spine––surgical technic and results] Dörner A, et al. **Unfallchirurgie** 1985 Feb;11(1):1–6 (Eng. Abstr.) **(Ger)**

[Indications and results of early functional vertebral fracture treatment] Kempf L, et al. **Zentralbl Chir** 1985;110(10):592–8 (Eng. Abstr.) **(Ger)**

[Functional therapy in primary unstable injuries of the thoracic and lumbar spine. Indications and limits] Ludolph E, et al. **Zentralbl Chir** 1985;110(10):585–91 (Eng. Abstr.) **(Ger)**

[A case of complex fracture of the lumbosacral spine] De Giorgi G, et al. **Chir Organi Mov** 1982–83;68(4–6):757–61 (Eng. Abstr.) **(Ita)**

[Results of treatment of spinal fractures by the method of spring alloplasty depending on the mechanisms of injury] Kiwerski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1985;50(1):27–32 (Eng. Abstr.) **(Pol)**

[Extension fracture of the lumbar spine in a patient with Bechterew's disease] Krasuski M, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(2):121–3 (Eng. Abstr.) **(Pol)**

[Spinal injuries in sports] Kiwerski J. **Pol Tyg Lek** 1984 Apr 23;39(17):569–72 (Eng. Abstr.) **(Pol)**

[Fractures of the transverse processes of the lumbar vertebrae (clinical picture and diagnosis)] Imamaliev AS, et al. **Ortop Travmatol Protez** 1984 Aug;(8):15–8 (Eng. Abstr.) **(Rus)**

[Mechanism of trauma and the localization and types of injury of the thoracic and lumbar spine in children and adolescents] Iukhnova OM. **Ortop Travmatol Protez** 1985 Mar;(3):39–42 (Eng. Abstr.) **(Rus)**

[Roentgen diagnosis of closed injuries of the thoracic and lumbar spine in children] Kamalov II, et al. **Ortop Travmatol Protez** 1985 Mar;(3):42–6 (Eng. Abstr.) **(Rus)**

[1–stage anterior and posterior spondylodesis] Nikol'skii MA. **Ortop Travmatol Protez** 1984 Aug;(8):18–22 (Eng. Abstr.) **(Rus)**

[A device for the dynamic fixation of the spine] Vitiugov IA, et al. **Ortop Travmatol Protez** 1984 Aug;(8):59–61 **(Rus)**

[Treatment of uncomplicated compression fractures of the spine] Bogdanovich UIa, et al. **Sov Med** 1984;(10):93–5 **(Rus)**

[Treatment of uncomplicated fractures of the lower thoracic and lumbar segments of the spine] Okhotskii VP, et al. **Sov Med** 1984;(9):47–51 (57 ref.) **(Rus)**

[Treatment of complicated fractures of the thoracic and lumbar segments of the spine] Frolov GM, et al. **Vestn Khir** 1985 Feb;134(2):67–70 (Eng. Abstr.) **(Rus)**

INNERVATION

[Predicting the results of surgical treatment of radicular syndromes in hernias and massive protrusions of lumbar intervertebral disks] Khvisiuk NI, et al. **Ortop Travmatol Protez** 1985 May;(5):34–8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Percutaneous trephine biopsy of the vertebral body in the rhesus monkey (Macaca mulatta). Hermann LM, et al. **Am J Vet Res** 1985 Jun;46(6):1403–7

The anatomy of lumbar spondylosis. Schneck CD. **Clin Orthop** 1985 Mar;(193):20–37

Myxomatous degeneration of the lumbar intervertebral disc. Beatty RA. **Neurosurgery** 1985 Aug;17(2):277–80

The effect of postural scoliosis on lumbar apophyseal joints. Giles LG, et al. **Scand J Rheumatol** 1984;13(3):209–20

Lumbosacral transitional vertebrae and their relationship with lumbar extradural defects. Castellvi AE, et al. **Spine** 1984 Jul–Aug;9(5):493–5

[Clinical study of spondylolysis and spondylolisthesis––mainly on the spinal curvature] Furufu T. **Nippon Seikeigeka Gakkai Zasshi** 1985 Apr;59(4):367–81 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Biomechanics of lumbar fusion. Evans JH. **Clin Orthop** 1985 Mar;(193):38–46

Compressive loads in the lumbar vertebral column during normal level walking. Cappozzo A. **J Orthop Res** 1984;1(3):292–301

Effect of attempted lifting speed on forces and torque exerted on the lumbar spine. Hall SJ. **Med Sci Sports Exerc** 1985 Aug;17(4):440–4

The load on the lumbar spine during isometric strength testing. Hansson TH, et al. **Spine** 1984 Oct;9(7):720–4

Posture related to myoelectric silence of erectores spinae during trunk flexion. Kippers V, et al. **Spine** 1984 Oct;9(7):740–5

Axial rotation and lateral bending in the normal lumbar spine measured by three–dimensional radiography. Pearcy MJ, et al. **Spine** 1984 Sep;9(6):582–7

Sustained lumbar traction. An experimental study of long spine segments. Twomey LT. **Spine** 1985 Mar;10(2):146–9

[Method of evaluating musculoskeletal function in sportsmen] Urazaeva ZV, et al. **Gig Sanit** 1984 Aug;(8):55–8 **(Rus)**

PHYSIOPATHOLOGY

Disc space narrowing and the lumbar facet joints. Dunlop RB, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):706–10

A simple technique for measuring lumbar spinal flexion. Its use in orthopaedic practice. Rae PS, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):281–4

The natural history of idiopathic low back pain. A three–year follow–up study of spinal motion, pain and functional capacity. Lankhorst GJ, et al. **Scand J Rehabil Med** 1985;17(1):1–4

Instability of the lumbar spine. Cambridge, England, April 1983. **Spine** 1985 Apr;10(3):252–91

The nature of instability. Farfan HF, et al. **Spine** 1984 Oct;9(7):714–9

Simultaneous measurement of intraosseous and cerebrospinal fluid pressures in lumbar region. Hanai K, et al. **Spine** 1985 Jan–Feb;10(1):64–8

Lumbosacral spinal fusion. A biomechanical study. Lee CK, et al. **Spine** 1984 Sep;9(6):574–81

The facet joint and its role in spine pain. Management with facet joint injections. Lippitt AB. **Spine** 1984 Oct;9(7):746–50

Use of noninvasive techniques for quantification of spinal range–of–motion in normal subjects and chronic low–back dysfunction patients. Mayer TG, et al. **Spine** 1984 Sep;9(6):588–95

Is there instability in spondylolisthesis? Pearcy M, et al. **Spine** 1985 Mar;10(2):175–7

The effect of low–back pain on lumbar spinal movements measured by three–dimensional X–ray analysis. Pearcy M, et al. **Spine** 1985 Mar;10(2):150–3

Biomechanical definitions of spinal instability. Pope MH, et al. **Spine** 1985 Apr;10(3):255–6

Computer analysis of spinal segment motion in degenerative disc disease with and without axial loading. Seligman JV, et al. **Spine** 1984 Sep;9(6):566–73

[Rotational instability of the lumbar spine] Lemaire JP, et al. **Acta Orthop Belg** 1984 Sep–Oct;50(5):617–35 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Radiographic assessment of anatomic deviations in lumbar spondylolysis. Saraste H, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):317–23

Prognostic radiographic aspects of spondylolisthesis. Saraste H, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):427–32

CT appearance of unfused ossicles in the lumbar spine. Pech P, et al. **AJNR** 1985 Jul–Aug;6(4):629–31

Vertical foramina in the lumbosacral region: CT appearance. Beers GJ, et al. **AJR** 1984 Nov;143(5):1027–9

Interobserver discrepancies in distance measurements from lumbar spine CT scans. Beers GJ, et al. **AJR** 1985 Feb;144(2):395–8

Morphometry of lower lumbar vertebrae as seen on CT scans: newly recognized characteristics. van Schaik JJ, et al. **AJR** 1985 Aug;145(2):327–35

Orientation of the articular processes at L4, L5, and S1. Possible role in pathology of the intervertebral disc. Kénési C, et al. **Anat Clin** 1985;7(1):43–7

Vertebral rim lesions in dorsolumbar spine [letter] Hilton RC, et al. **Ann Rheum Dis** 1984 Dec;43(6):856–7

Progressive cauda equina syndrome and extensive calification/ossification of the lumbosacral meninges. Rotés–Querol J, et al. **Ann Rheum Dis** 1985 Apr;44(4):277–80

Observer variability in the interpretation of lumbar spine radiographs. Deyo RA, et al. **Arthritis Rheum** 1985 Sep; 28(9):1066–70

Quantitative computed tomography for prediction of vertebral fracture risk. Cann CE, et al. **Bone** 1985;6(1):1–7

Myelography in severe lumbosacral spondylolisthesis. Buirski G, et al. **Br J Radiol** 1984 Dec;57(684):1067–72

Review of spondylolisthesis and spondylolysis in paediatric practice. Oakley RH, et al. **Br J Radiol** 1984 Oct; 57(682):877–85

Vertebral bone mineral content in osteogenesis imperfecta. Kurtz D, et al. **Calcif Tissue Int** 1985 Jan;37(1):14–8

Idiopathic adolescent scoliosis––a prototype of degenerative joint disease. The relation of biomechanic factors to osteophyte formation. Richter DE, et al. **Clin Orthop** 1985 Mar;(193):221–9

CT evaluation of interbody fusion. Rothman SL, et al. **Clin Orthop** 1985 Mar;(193):47–56

Overloading changes in the motor system occurring in elite gymnasts. Szot Z, et al. **Int J Sports Med** 1985 Feb; 6(1):36–40

Relationship between radiological and clinical variables in spondylolysis. Saraste H, et al. **Int Orthop** 1984;8(3):163–74

Quantitative computed tomography for spinal density measurement. Factors affecting precision. Rosenthal DI, et al. **Invest Radiol** 1985 May–Jun;20(3):306–10

Improvements in measuring vertebral rotation from the projections of the pedicles. Drerup B. **J Biomech** 1985; 18(5):369–78

Vertebra plana. Long-term follow-up in five patients. Ippolito E, et al. **J Bone Joint Surg [Am]** 1984 Dec; 66(9):1364–8

Acquired spondylolysis after spinal fusion. Brunet JA, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):720–4

Computed tomography of spondylolisthesis: patterns of associated pathology. Elster AD, et al. **J Comput Assist Tomogr** 1985 Sep–Oct;9(5):867–74

'Incomplete ring' sign: a simple method for CT detection of spondylolysis. Langston JW, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):728–9

Computed tomography of aneurysmal bone cyst of the L1 vertebral body. Wang AM, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1186–9

Atypical presentation of ankylosing spondylitis: a case study. Pate D, et al. **J Manipulative Physiol Ther** 1985 Jun; 8(2):105–8

Upper lumbar spondylolysis: report of two cases. Alcalay J, et al. **Milit Med** 1984 Nov;149(11):616–7

A case of spinal paraganglioma. Solymosi L, et al. **Neuroradiology** 1985;27(3):217–9

CT in low back pain syndrome. Chafetz NI, et al. **Orthop Clin North Am** 1985 Jul;16(3):395–416

The flat vertebra L5. Dysspondylia of the lower lumbar spine. Fried K. **Radiol Diagn (Berl)** 1984;25(3):301–6

Spondylolysis of the lumbar spine: demonstration of defects and laminal fragmentation. Amato M, et al. **Radiology** 1984 Dec;153(3):627–9

Case report 291. Diagnosis: Candida discitis and vertebral osteomyelitis at L1–L2 from hematogenous spread. Hayes WS, et al. **Skeletal Radiol** 1984;12(4):284–7

Primary osteogenic sarcoma of the spine. Patel DV, et al. **Skeletal Radiol** 1984;12(4):276–9

Cheirolumbar dysostosis and constitutional narrowness of the cervical spinal canal. Wackenheim A. **Skeletal Radiol** 1985; 14(1):47–52

The radiological diagnosis of tuberculosis of the adult spine. Weaver P, et al. **Skeletal Radiol** 1984;12(3):178–86

Radiologic diagnosis of degenerative lumbar spinal instability. Dupuis PR, et al. **Spine** 1985 Apr;10(3):262–76

The developmental segmental sagittal diameter in combined cervical and lumbar spondylosis. Edwards WC, et al. **Spine** 1985 Jan–Feb;10(1):42–9

Primary vertebral tumor in an adolescent girl. Rothschild EJ, et al. **Spine** 1984 Oct;9(7):695–701

A study of computer-assisted tomography. I. The incidence of positive CAT scans in an asymptomatic group of patients. Wiesel SW, et al. **Spine** 1984 Sep;9(6):549–51

Symptomatic disc herniation into the vertebral body. Raynor RB. **Surg Neurol** 1985 Jun;23(6):621–5

[Evaluation of kidney size using computer tomography––the renovertebral index] Bruna J. **Cesk Radiol** 1985 Mar; 39(2):90–2 (Eng. Abstr.) (Cze)

[Biometry of the lumbar spine using scanography] Le Floch-Prigent P. **Bull Assoc Anat (Nancy)** 1983 Dec; 67(199):461–74 (Eng. Abstr.) (Fre)

[Developmental spondylolysis] Maldague B, et al. **J Radiol** 1985 Apr;66(4):263–74 (Eng. Abstr.) (Fre)

[Diagnosis of the level of nucleus pulposus prolapse in lumbosacral transition vertebrae] Schuckmann W, et al. **Beitr Orthop Traumatol** 1984 Nov;31(11):549–54 (Eng. Abstr.) (Ger)

[Indications for the demonstration of the lumbar spine] Schröder H. **Radiol Diagn (Berl)** 1984;25(4):405–10 (Eng. Abstr.) (Ger)

[Sonographic determination of spinal canal width. Comparison of computed tomography, myelography and conventional roentgen study of the lumbar spine] Helzel MV, et al. **Radiologe** 1985 Jun;25(6):277–83 (Eng. Abstr.) (Ger)

[Lumbar computed tomography in a bicolor mode] Dihlmann W. **ROFO** 1985 Mar;142(3):263–6 (Eng. Abstr.) (Ger)

[The sagittal curvature of spine in idiopathic scoliosis––its morphological features and the correlation among sagittal and frontal curvatures and rotation of apical vertebra] Inoue K. **Nippon Seikeigeka Gakkai Zasshi** 1985 May; 59(5):505–16 (Eng. Abstr.) (Jpn)

[Aneurysmal spinal cyst in the light of an analysis of our cases] Danilczuk I, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):389–93 (Eng. Abstr.) (Pol)

[Stenosis of vertebral and intervertebral canal in degenerative spondylolisthesis in the computerized-tomographic picture] Królewski J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):357–62 (Eng. Abstr.) (Pol)

[Radiomorphology of lumbo-sacral syntopy in spondylolisthesis] Smereczyński A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):351–6 (Eng. Abstr.) (Pol)

[Symptom of an enlarged vertebral supporting area in patients with intervertebral disk prolapse] Styczyński T. **Pol Przegl Radiol (Warszawa)** 1984 Mar–Apr;48(2):71–3 (Eng. Abstr.) (Pol)

[Roentgenometric analysis of vertebral displacement in degenerative spondylolisthesis] Khvisiuk NI, et al. **Ortop Travmatol Protez** 1985 Mar;(3):28–33 (Eng. Abstr.) (Rus)

[Functional and morphological adaptation of the lumbar spine after fixation of one hip] Dürrigl P. **Reumatizam** 1984; 31(5–6):105–10 (Eng. Abstr.) (Scr)

RADIONUCLIDE IMAGING

A case of synovial sarcoma with bone metastasis identified by bone marrow scintigraphy. Otsuka N, et al. **Clin Nucl Med** 1985 Apr;10(4):260–3

False-positive planar bone image due to horse shoe kidney. Evaluation with blood pool image and SPECT. Veluvolu P, et al. **Clin Nucl Med** 1985 Apr;10(4):292–3

Dual-photon Gd-153 absorptiometry of bone. Wahner HW, et al. **Radiology** 1985 Jul;156(1):203–6

Solitary vertebral body uptake on bone scintigraphy: the 'black ivory' vertebrae sign. Greene GS, et al. **Semin Nucl Med** 1985 Jul;15(3):317–21

[Initial experiences with bone scintigraphy in the early diagnosis of spondylolysis] Fritsche HJ, et al. **Beitr Orthop Traumatol** 1985 Mar;32(3):125–9 (Eng. Abstr.) (Ger)

SURGERY

Knodt rod fusion of the lumbar spine. Taylor LJ, et al. **Acta Orthop Scand** 1984 Oct;55(5):542–4

Intraoperative sonography during lumbar laminectomy: work in progress. Gooding GA, et al. **AJNR** 1984 Nov–Dec; 5(6):751–3

Surgical treatment of spondylolisthesis by bone grafting and direct stabilization of spondylolysis by means of a hook screw. Morscher E, et al. **Arch Orthop Trauma Surg** 1984; 103(3):175–8

Anaesthetic management of posterior lumbar osteotomy. Wills DG. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):248–57

Unilateral posterior lumbar interbody fusion: simplified dowel technique. Blume HG. **Clin Orthop** 1985 Mar; (193):75–84

Total disc replacement: a modified posterior lumbar interbody fusion. Report of 750 cases. Collis JS. **Clin Orthop** 1985 Mar;(193):64–7

Closed loop instrumentation of the lumbar spine. Flatley TJ, et al. **Clin Orthop** 1985 Jun;(196):273–8

Spinal stenosis and posterior lumbar interbody fusion. Hutter CG. **Clin Orthop** 1985 Mar;(193):103–14

Posterior lumbar interbody fusion technique: complications and pitfalls. Lin PM. **Clin Orthop** 1985 Mar;(193):90–102

Posterior lumbar interbody fusion with specialized instruments. Ma GW. **Clin Orthop** 1985 Mar;(193):57–63

The biomechanics of posterior lumbar interbody fusion (PLIF) in spondylolisthesis. Schlegel KF, et al. **Clin Orthop** 1985 Mar;(193):115–9

Posterior lumbar interbody fusion with posterior elements as chip grafts. Simmons JW. **Clin Orthop** 1985 Mar; (193):85–9

Treatment of failed posterior lumbar interbody fusion (PLIF) of the spine with pulsing electromagnetic fields. Simmons JW. **Clin Orthop** 1985 Mar;(193):127–32

Experience in posterior lumbar interbody fusion: unicortical versus bicortical autologous grafts. Takeda M. **Clin Orthop** 1985 Mar;(193):120–6

Vertebral osteotomy for correction of kyphosis in ankylosing spondylitis. Thomasen E. **Clin Orthop** 1985 Apr; (194):142–52

Posterior intertransverse fusion assessed clinically and with biplanar radiography. Suzuki T, et al. **Int Orthop** 1985; 9(1):11–7

A technique for lumbar spinal osteotomy in ankylosing spondylitis. McMaster MJ. **J Bone Joint Surg [Br]** 1985 Mar;67(2):204–10

Anterointernal approach to the lumbar spine: technical note. Lesoin F, et al. **Neurosurgery** 1985 Jul;17(1):80–3

Percutaneous lumbar diskectomy using a new aspiration probe: porcine and cadaver model. Onik G, et al. **Radiology** 1985 Apr;155(1):251–2

A prospective investigation into the orthopaedic and psychologic predictors of outcome of first lumbar surgery following industrial injury. Dzioba RB, et al. **Spine** 1984 Sep;9(6):614–23

Sexual complications of anterior fusion of the lumbar spine. Flynn JC, et al. **Spine** 1984 Jul–Aug;9(5):489–92

Paravertebral marcaine in postoperative lumbar laminectomy pain relief. Rechtine GR. **Spine** 1985 Jan–Feb;10(1):99

A critique of the surgical management of lumbar disc disease in a private neurosurgical practice. Rish BL. **Spine** 1984 Jul–Aug;9(5):500–4

Urologic complications after surgery on lumbosacral spine. Brooks ME, et al. **Urology** 1985 Aug;26(2):202–4

[Antero-internal approach to the lumbar spine] Lesoin F, et al. **Neurochirurgie** 1984;30(6):433–6 (Eng. Abstr.) (Fre)

[Success factors in posterolateral arthrodesis of the lumbosacral spine] Bitan F, et al. **Rev Chir Orthop** 1984; 70(6):465–71 (Eng. Abstr.) (Fre)

[Screwing into the pedicles of the lower lumbar spine (L3–L4–L5) and the lumbosacral joint] Fuentes JM, et al. **Rev Chir Orthop** 1984;70(6):479–82 (Eng. Abstr.) (Fre)

[New instruments for ventral intercorporeal distraction spondylodesis of the lumbar spine] Hähnel H, et al. **Beitr Orthop Traumatol** 1985 Mar;32(3):121–4 (Eng. Abstr.) (Ger)

[Conventional dorsal spondylodesis in the treatment of spondylolisthesis] Jaster D, et al. **Beitr Orthop Traumatol** 1985 Mar;32(3):141–6 (Eng. Abstr.) (Ger)

[Subfascial abscess due to foreign bodies after a lumbar operation] Hermanutz KD. **ROFO** 1984 Nov;141(5):591–3 (Ger)

[Surgical treatment of degenerative spondylolisthesis] Hlavaty A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):363–70 (Eng. Abstr.) (Pol)

[Results of surgical treatment of spondylolisthesis] Kiepurska A, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(4):377–82 (Eng. Abstr.) (Pol)

[Principles of surgical treatment of spondylolisthesis] Malawski S, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(4):371–6 (Eng. Abstr.) (Pol)

[Complications, errors and hazards of the surgical correction of the spine and thorax in severe forms of scoliosis] Shevchenko SD. **Ortop Travmatol Protez** 1985 Mar; (3):63–9 (Rus)

[Technical advantages and limitations of using ultrasonics in surgery of the spine] Demichev NP, et al. **Vestn Khir** 1984 Nov;133(11):55–9 (Eng. Abstr.) (Rus)

TRANSPLANTATION

[Cockett syndrome: treatment by vein decompression using a retro-aortic bone graft] Duron JJ, et al. **Ann Chir** 1984 Nov;38(8):637–9 (Eng. Abstr.) (Fre)

LUMBOSACRAL PLEXUS

Diagnosis and treatment of lumbosacral plexopathies in patients with cancer. Pettigrew LC, et al. **Arch Neurol** 1984 Dec;41(12):1282–5

A rare cause of lumbosacral plexus neuropathy. Laman DM, et al. **Clin Neurol Neurosurg** 1985;87(1):47–9

Acute bilateral brachial plexus neuritis associated with hypersensitivity vasculitis. A case report and review of literature. Raz I, et al. **Klin Wochenschr** 1985 Jul 15; 63(14):643–5

Lumbosacral plexopathy in cancer patients [letter] **Neurology** 1985 Sep;35(9):1392–3

The natural history of lumbosacral plexopathy in cancer. Jaeckle KA, et al. **Neurology** 1985 Jan;35(1):8–15

Lumbosacral plexus neuropathy and paraspinal muscle denervation [letter] Viñals Torras M, et al. **Neurology** 1985 Mar;35(3):448–9

[Solitary neurofibroma of the lumbosacral plexus. Case report] Teichmann A, et al. **Geburtshilfe Frauenheilkd** 1985 Jun;45(6):411–3 (Eng. Abstr.) (Ger)

[Crural neuralgia as a manifestation of metastasis of carcinoma of the prostate] Genesi D, et al. **Minerva Urol Nefrol** 1984 Oct–Dec;36(4):307–9 (Eng. Abstr.) (Ita)

[Compression of the lumbosacral plexus in a case of voluminous aneurysm of the common iliac artery] Giraldi C, et al. **Riv Neurol** 1984 Nov–Dec;54(6):399–404 (Eng. Abstr.) (Ita)

ANATOMY & HISTOLOGY

Acupuncture points of the lumbar plexus. Dung HC. **Am J Chin Med** 1985;13(1–4):133–43

Acupuncture points of the sacral plexus. Dung HC. **Am J Chin Med** 1985;13(1–4):145–56

Central distribution of efferent and afferent components of the pudendal nerve in macaque monkeys. Ueyama T, et al. **J Comp Neurol** 1985 Feb 22;232(4):548–56

EMBRYOLOGY

Growth cone morphology and trajectory in the lumbosacral region of the chick embryo. Tosney KW, et al. **J Neurosci** 1985 Sep;5(9):2345–58

INJURIES

Neonatal lumbar plexus injury. Hope EE, et al. **Arch Neurol** 1985 Jan;42(1):94–5

Subtle neurological injuries in pelvic fractures. Weis EB Jr. **J Trauma** 1984 Nov;24(11):983–5

Lumbosacral plexus stretch injury following the use of the modified lithotomy position. Flanagan WF, et al. **J Urol** 1985 Sep;134(3):567-8

Differential diagnosis between radiation and tumor plexopathy of the pelvis. Thomas JE, et al. **Neurology** 1985 Jan;35(1):1-7

PATHOLOGY

Solitary neurofibroma of the lumbosacral plexus [letter] Argyrakis A, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):844-6

[Changes in the central and peripheral nervous system in cows after laparotomy] Eustachiewicz R, et al. **Pol Arch Weter** 1984;24(2):241-5 (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

[Percutaneously recorded electrical activity of the fourth sacral nerve from sacral foramen (I). Percutaneous recording of the fourth sacral nerve activity in rabbits] Yamada K. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar; 76(3):303-11 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

[Percutaneously recorded electrical activity of the fourth sacral nerve from sacral foramen (II). Percutaneous recording of the fourth sacral nerve activity in patients] Yamada K. **Nippon Hinyokika Gakkai Zasshi** 1985 Mar; 76(3):312-24 (Eng. Abstr.) **(Jpn)**

SURGERY

Experimental model of nervous anastomosis between intercostal and lumbar nerves in the rabbit. de Divitiis E, et al. **J Neurosurg Sci** 1984 Jul-Dec;28(3-4):153-6

LUMBOSACRAL REGION

Lumbar hernia. Thor K. **Acta Chir Scand** 1985;151(4):389-90

An electromyographic study of the lumbar multifidus in man. Valencia FP, et al. **Electromyogr Clin Neurophysiol** 1985 May-Jun;25(4):205-21

The effect of acupuncture in 300 cases of acute lumbar sprain. Chen ZL, et al. **J Tradit Chin Med** 1984 Jun;4(2):93-5

Measurement system for low back contour. Suggestion from the field. Nosse LJ. **Phys Ther** 1985 Aug;65(8):1212-3

Lumbar hernia after latissimus dorsi flap. Moon HK, et al. **Plast Reconstr Surg** 1985 Mar;75(3):417-9

[Retropancreatic abscess. Intermittent lumbar hernia] Lauritzen JB, et al. **Ugeskr Laeger** 1985 Feb 4;147(6):526 (Eng. Abstr.) **(Dan)**

ANATOMY & HISTOLOGY

The depth of the lumbar epidural space from the skin. Harrison GR, et al. **Anaesthesia** 1985 Jul;40(7):685-7

BLOOD SUPPLY

Severe haemorrhage from a lumbar artery as a complication of percutaneous renal biopsy. Jamison MH, et al. **Postgrad Med J** 1985 Jan;61(711):69-70

[Origin, course and distribution of the lumbar arteries in the dog] Heiniger-Meylan M. **Schweiz Arch Tierheilkd** 1985 May;127(5):299-318 (Eng. Abstr.) **(Ger)**

INJURIES

[Extensive rupture of the right hepatic lobe caused by a blunt injury of the lumbar region] Muc J, et al. **Wiad Lek** 1984 Sep 1;37(17):1371-4 (Eng. Abstr.) **(Pol)**

INNERVATION

Funicular course of catecholamine fibers innervating the lumbar spinal cord of the cat. Stevens RT, et al. **Brain Res** 1985 Jun 17;336(2):243-51

LUMICOLCHICINES see under **COLCHICINE**

LUMINESCENCE

Increased carbon tetrachloride-stimulated chemiluminescence in the in situ liver of barbital-treated mice. Fraga CG, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):143-50

Chemiluminescence and superoxide dismutase in the plasma in patients with alcoholic and non-alcoholic liver injuries. Kubota S, et al. **Alcohol** 1985 May-Jun;2(3):469-72

Role of serum in stimulation of polymorphonuclear leukocyte, luminol-dependent chemiluminescence by influenza A. Shult PA, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):267-72

Electrogenerated chemiluminescent determination of Ru(bpy)3(2+) at low levels. Ege D, et al. **Anal Chem** 1984 Nov;56(13):2413-7

Matrix isolation mechanism for solid surface room-temperature phosphorescence induction. McAleese DL, et al. **Anal Chem** 1984 Oct;56(12):2244-6

Camera luminometer for use with luminescent assays. Bunce RA, et al. **Analyst** 1985 Jun;110(6):657-63

Ultra-weak chemiluminescence of smokers' blood. Yoda B, et al. **Arch Environ Health** 1985 May-Jun;40(3):148-50

Electrochemical luminescence-based homogeneous immunoassay. Ikariyama Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):987-92

A chemiluminescent probe specific for singlet oxygen. Posner GH, et al. **Biochem Biophys Res Commun** 1984 Sep 17; 123(2):869-73

Chemiluminescence in L-tyrosine-H2O2-horseradish peroxidase system: possible formation of tyrosine cation radical. Ushijima Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):936-41

Different efficiency of various synthetic antioxidants towards NADPH induced chemiluminescence in rat liver microsomes. Weimann A, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1033-8

Copper facilitated chemiluminescence from the sulfhydryl proteins: yeast alcohol dehydrogenase, spinach ferredoxin and metallothionein. Wong KH, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):425-30

Generation of low-level chemiluminescence during the metabolism of 1-naphthol by rat liver microsomes. Wefers H, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4081-5

Comparative phosphorescence and optically detected magnetic resonance studies of pig and yeast glyceraldehyde-3-phosphate dehydrogenase. Davis JM, et al. **Biochemistry** 1984 Dec 4;23(25):6249-56

Evidence that the variable fluorescence in Chlorella is recombination luminescence. Mauzerall DC. **Biochim Biophys Acta** 1985 Aug 28;809(1):11-6

Mechanism of neutrophil chemiluminescence induced by wheat germ agglutinin: partial characterization of the antigens recognized by wheat germ agglutinin. Ozaki Y, et al. **Blood** 1984 Nov;64(5):1094-102

Interrelationships of polymorphonuclear neutrophil membrane-bound calcium, membrane potential, and chemiluminescence: studies in single living cells. Sullivan GW, et al. **Blood** 1984 Dec;64(6):1184-92

The chemiluminescent response of human phagocytic cells to mineral dusts. Gormley IP, et al. **Br J Exp Pathol** 1985 Aug;66(4):409-16

Computerized analyzing system for chemiluminescence. Hayashi Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3079-87

Phenols as enhancers of the chemiluminescent horseradish peroxidase-luminol-hydrogen peroxide reaction: application in luminescence-monitored enzyme immunoassays. Thorpe GH, et al. **Clin Chem** 1985 Aug; 31(8):1335-41

Detection of chemiluminescence in a neutral pH environment [letter] Tsai TS. **Clin Chem** 1985 Jul;31(7):1248-9

A rapid chemiluminescence-based method for the determination of total polyamines in biological samples. Fagerström R, et al. **Clin Chim Acta** 1984 Oct 29; 143(1):45-50

Depression of chemiluminescence response in mouse spleen cells by infective and inactivated influenza virus. Masihi KN, et al. **Clin Immunol Immunopathol** 1984 Oct; 33(1):23-30

The detection of anti-granulocyte antibodies by chemiluminescence. Hadley A, et al. **Clin Lab Haematol** 1984;6(4):351-61

The effect of surgery and anesthetic agents on granulocyte-chemiluminescence in whole blood. Heberer M, et al. **Experientia** 1985 Mar 15;41(3):342-6

Chemiluminescent assay of lipid peroxide in plasma using cytochrome c heme peptide. Iwaoka T, et al. **FEBS Lett** 1984 Dec 3;178(1):47-50

Effects of HC 20-511 (ketotifen) on chemiluminescence of human neutrophils. Kato T, et al. **Inflammation** 1985 Mar; 9(1):45-51

A possible origin of chemiluminescence in phagocytosing neutrophils. Reaction between chloramines and H2O2. Zgliczyński JM, et al. **Int J Biochem** 1985;17(4):515-9

A possible origin of chemiluminsecence in phagocytosing neutrophils. Myeloperoxidase-mediated chlorination of proteins and tryptophan. Zgliczyński JM, et al. **Int J Biochem** 1985;17(3):393-7

Influenza A virus enhances the human polymorphonuclear leukocyte chemoluminescence response without effecting inhibition by trifluoperazine. Peterson MW, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):787-93

Mechanisms of iron regulation of luminescence in Vibrio fischeri. Haygood MG, et al. **J Bacteriol** 1985 Apr; 162(1):209-16

Polycistronic mRNAs code for polypeptides of the Vibrio harveyi luminescence system. Miyamoto CM, et al. **J Bacteriol** 1985 Mar;161(3):995-1001

Purification and characterization of a bioluminescence-related fatty acyl esterase from Vibrio harveyi. Byers D, et al. **J Biol Chem** 1985 Jun 10; 260(11):6938-44

Semiautomatic bioluminescence determination of glycerol using a computer controlled luminescence analyser (Berthold LB 950 T). Wieland E, et al. **J Clin Chem Clin Biochem** 1985 Feb;23(2):99-103

Initiation of luminol-based luminescence by injection of a single reagent, coupled with enhancement of light-output. Wood WG, et al. **J Clin Chem Clin Biochem** 1985 Jan; 23(1):47-9

Luminescence immunoassays: problems and possibilities. Wood WG. **J Clin Chem Clin Biochem** 1984 Dec; 22(12):905-18

Evaluation of two bioluminescence-measuring instruments, the Turner Design and Lumac systems, for the rapid screening of urine specimens. Welch WD, et al. **J Clin Microbiol** 1984 Dec;20(6):1165-70

Cholera toxin, cyclic AMP, and the firefly flash. Nathanson JA. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(2):157-65

Chemiluminescence induced by phagocytosis of Escherichia coli by polymorphonuclear leucocytes. Fazeli A, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2267-75

Amidation of C3 at the thiolester site: stimulation of chemiluminescence and phagocytosis by a new inflammatory mediator. Gordon DL, et al. **J Immunol** 1985 May;134(5):3339-45

Tumor-activated NK cells trigger monocyte oxidative metabolism. Pohajdak B, et al. **J Immunol** 1984 Nov; 133(5):2430-6

Anti-My-26: a monoclonal antibody inhibiting human phagocyte chemiluminescence. Warren JT, et al. **J Immunol** 1985 Mar;134(3):1827-35

Measurement of C9 concentrations using an immunochemiluminometric assay. Weeks I, et al. **J Immunol Methods** 1985 Jun 12;80(1):33-8

Chemiluminescence of human leukocytes by black-pigmented Bacteroides strains from dental plaque and other sites. van Steenbergen TJ, et al. **J Periodont Res** 1985 Jan;20(1):58-71

Differential generation of chemiluminescence--detectable oxygen radicals by normal polymorphonuclear leukocytes challenged with sera from systemic lupus erythematosus and rheumatoid arthritis patients. D'Onofrio C, et al. **Klin Wochenschr** 1984 Aug 1;62(15):710-6

Bioluminescence of cellular ATP: a new method for evaluating cytotoxic agents in vitro. Kangas L, et al. **Med Biol** 1984;62(6):338-43

Chemiluminescence as an analytical tool in cell biology and medicine. Campbell AK, et al. **Methods Biochem Anal** 1985; 31:317-416 (619 ref.)

Chemiluminescence and superoxide anions generated by phagocytes in uraemia [letter] Wardle EN. **Nephron** 1985; 40(3):379

Long wavelength UV radiation affects chemiluminescence of human polymorphonuclear leucocytes. Bredberg A, et al. **Photochem Photobiol** 1985 Mar;41(3):337-41

Biological chemiluminescence. Cadenas E. **Photochem Photobiol** 1984 Dec;40(6):823-30 (84 ref.)

Chemiluminescence in hypoxic brain--the first report. Correlation between energy metabolism and free radical reaction. Imaizumi S, et al. **Stroke** 1984 Nov-Dec; 15(6):1061-5

Chemiluminescence in hypoxic brain--the second report: cerebral protective effect of mannitol, vitamin E and glucocorticoid. Suzuki J, et al. **Stroke** 1985 Jul-Aug; 16(4):695-700

[Bioluminescent assay and its applications in biology and medicine] Nie SQ. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):232-7 **(Chi)**

[A simple phosphorimetric method for the determination of chlorpromazine] Huang RH, et al. **Yao Hsueh Hsueh Pao** 1984 Aug;19(8):606-10 (Eng. Abstr.) **(Chi)**

[Possibilities of determining the physiological and pathological function of the tonsils by measuring spontaneous superweak radiation] Navrátil J. **Cesk Otolaryngol** 1984 Jun;33(3):130-4 (Eng. Abstr.) **(Cze)**

[Measurement of chemiluminescence in diluted whole blood for the determination of granulocyte function in the perioperative period] Heberer M, et al. **Helv Chir Acta** 1985 Apr;52(1):39-42 (Eng. Abstr.) **(Ger)**

[Effect of bacterial lipopolysaccharide (S. minnesota R 595) on the luminol-dependent chemiluminescence of neutrophilic granulocytes in cord blood] Eschenbach C. **Monatsschr Kinderheilkd** 1985 Mar;133(3):171-4 (Eng. Abstr.) **(Ger)**

[Development of a new cuvette for bio- and chemoluminescence measurements] Popov I, et al. **Z Med Lab Diagn** 1984;25(8):440-3 (Eng. Abstr.) **(Ger)**

[Chemiluminescence method in clinical chemistry] Tsuji A, et al. **Iyodenshi To Seitai Kogaku** 1984 Aug;22(4):255-9 (13 ref.) **(Jpn)**

[The mechanism of luminol-dependent chemiluminescence of polymorphonuclear neutrophils] Morishita Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1070-81 (Eng. Abstr.) **(Jpn)**

[Ultra-weak chemiluminescence of human blood] Goto Y. **Nippon Ronen Igakkai Zasshi** 1984 Mar;21(2):71-8 (Eng. Abstr.) **(Jpn)**

[Dosimetric application of lyoluminescence using some saccharides] Hashimoto T, et al. **Radioisotopes** 1984 Dec; 33(12):847-52 (Eng. Abstr.) **(Jpn)**

[Urinary polyamine analysis and its clinical significance. III. Chemiluminescence method for the assay of urinary polyamines and its clinical application] Kamei S, et al. **Rinsho Byori** 1984 Jul;Spec No 59:142-50 **(Jpn)**

[An apparatus for the measurements of low level chemiluminescence] Chiba T, et al. **Seikagaku** 1984 Sep; 56(9):1142-5 **(Jpn)**

[Extra-weak chemiluminescence of drugs. I. Extra-weak chemiluminescence of tablets and capsules] Mizugaki M, et al. **Yakugaku Zasshi** 1985 Apr;105(4):401-6 (Eng. Abstr.) **(Jpn)**

[Chemiluminescent characteristics of ubiquinones] Naumov VV, et al. **Biofizika** 1985 Jan-Feb;30(1):5-9 (Eng. Abstr.) **(Rus)**

[Luminescent properties of NADPH: adrenodoxin reductase]

Armenian AG, et al. **Biokhimiia** 1984 Sep;49(9):1441-8 (Eng. Abstr.) **(Rus)**

[Elimination of quinones from aqueous environments by phenols and the effect of their mixtures on the luminescence of Beneckea harveyi bacteria] Gil' TA, et al. **Biol Nauki** 1985;(1):58-62 (Eng. Abstr.) **(Rus)**

[Spontaneous chemiluminescence of biological matter] Khrienko AP, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):237-40 **(Rus)**

[Initiated chemiluminescence of surface-active substances in the lungs and blood serum] Sameliuk BIu, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):79-82 **(Rus)**

[Chemiluminescent method of studying the functional activity of phagocytizing cells] Zenkov NK, et al. **Lab Delo** 1985;(1):43-5 (28 ref.) (Eng. Abstr.) **(Rus)**

[Delayed bacteriochlorophyll luminescence and the primary stages of electron transport in photosynthetic reaction centers of purple bacteria] Borisov AIu, et al. **Mol Biol (Mosk)** 1984 Jul-Aug;18(4):869-91 (265 ref.) (Eng. Abstr.) **(Rus)**

[Luminescence study of the conformation behavior of alcohol dehydrogenase from horse liver during substrate binding] Vekshin NL. **Mol Biol (Mosk)** 1985 May-Jun;19(3):767-73 (Eng. Abstr.) **(Rus)**

[Changes in the sonoluminescence level of arterial and venous blood plasma in experimental myocardial infarct] Adzhimolaev TA, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):15-8 (Eng. Abstr.) **(Rus)**

[Sonoluminescence of blood plasma in myocardial infarct] Adzhimolaeva TA, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):16-8 (Eng. Abstr.) **(Rus)**

[Bioluminescent method of determining picomolar amounts of nicotinamide-adenine dinucleotide using an immobilized extract of the luminescent bacterium Beneckea harveyi] Lebedeva OV, et al. **Prikl Biokhim Mikrobiol** 1985 Jan-Feb;21(1):114-21 (Eng. Abstr.) **(Rus)**

[Clinical aspects of the use of the method of recording chemiluminescence of the blood] Farkhudinov RR. **Ter Arkh** 1984;56(8):150-3 **(Rus)**

[Chemiluminescence of the leukocyte mass in the diagnosis of acute myocardial infarction] Korochkin IM, et al. **Ter Arkh** 1984;56(8):29-31 **(Rus)**

[Chemiluminescent determination of copper in the serum] Baraboĭ VA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):52-4 (Eng. Abstr.) **(Rus)**

[Chemiluminescent determination of iron, copper and cobalt in the serum] Zaporozhets OA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):54-8 (Eng. Abstr.) **(Rus)**

[Chemiluminescence of thrombocytes in thrombin-induced aggregation] Samal' AB, et al. **Vopr Med Khim** 1984;30(6):12-5 (Eng. Abstr.) **(Rus)**

INSTRUMENTATION

Investigations of a new sample compartment assembly for low-temperature and room-temperature solid substrate phosphorimetry. Scharf G, et al. **Anal Chem** 1985 Jun;57(7):1230-7

LUMINESCENT PROTEINS

Measurement of cytosolic free calcium in mammalian cells with aequorin. Snowdowne KW, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C396-408

Halistaurin, phialidin and modified forms of aequorin as Ca2+ indicator in biological systems. Shimomura O, et al. **Biochem J** 1985 Jun 15;228(3):745-9

Electron paramagnetic resonance of spin-labeled aequorin. Kemple MD, et al. **Biochemistry** 1984 Sep 11;23(19):4383-90

Measurement of ionized calcium in blood platelets with the photoprotein aequorin. Comparison with Quin 2. Johnson PC, et al. **J Biol Chem** 1985 Feb 25;260(4):2069-76

ADMINISTRATION & DOSAGE

Aequorin entrapment in mammalian cells. McNeil PL, et al. **Cell Calcium** 1985 Apr;6(1-2):83-93

ANALYSIS

[Clinical applications of chemoluminescence] Păun C, et al. **Physiologie** 1985 Apr-Jun;22(2):145-51 **(Fre)**

DIAGNOSTIC USE

Kinetic investigations in single muscle fibres using luminescent and fluorescent Ca2+ probes. Ashley CC, et al. **Cell Calcium** 1985 Apr;6(1-2):159-81 (60 ref.)

Coelenterate photoproteins as indicators of cytoplasmic free Ca2+ in small cells. Campbell AK, et al. **Cell Calcium** 1985 Apr;6(1-2):69-82

Use of aequorin for the appraisal of the hypothesis of the release of calcium from the sarcoplasmic reticulum induced by a change of pH in skinned cardiac cells. Fabiato A. **Cell Calcium** 1985 Apr;6(1-2):95-108

Rapid ionic modifications during the aequorin-detected calcium transient in a skinned canine cardiac Purkinje cell. Fabiato A. **J Gen Physiol** 1985 Feb;85(2):189-246

GENETICS

Cloning and expression of the cDNA coding for aequorin, a bioluminescent calcium-binding protein. Prasher D, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1259-68

Cloning and sequence analysis of cDNA for the luminescent protein aequorin. Inouye S, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3154-8

Measuring gene expression with light. Engebrecht J, et al. **Science** 1985 Mar 15;227(4692):1345-7

PHARMACODYNAMICS

Measurement of cytosolic free calcium in isolated mammalian cells with aequorin incorporated by the hypoosmotic shock treatment (host). Borle AB, et al. **Prog Clin Biol Res** 1984;168:117-22

LUMINOL see under **PYRIDAZINES**

LUMPY SKIN DISEASE VIRUS see under **POXVIRIDAE**

LUMPY WOOL DISEASE see under **DERMATOMYCOSES**

LUNDBORG-UNVERRICHT SYNDROME see **EPILEPSY, MYOCLONUS**

LUNG

see related
AIR SACS
PNEUMONECTOMY
RESPIRATION

Paramediastinal pneumatocele: alternative explanations to gas in the pulmonary ligament. Godwin JD, et al. **AJR** 1985 Sep;145(3):525-30

Pulmonary endodermal tumor resembling fetal lung. Report of a case with immunohistochemical studies. Manning JT Jr, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):48-50

Relative density measurements in a simple lung phantom by Compton backscatter. Wolf EA, et al. **Int J Appl Radiat Isot** 1985 Feb;36(2):97-102

Total deposition of ultrafine sodium chloride particles in human lungs. Blanchard JD, et al. **J Appl Physiol** 1984 Dec;57(6):1850-6

A theory of diffuse light scattering by lungs. Butler JP, et al. **J Appl Physiol** 1985 Jan;58(1):89-96

A technique for unilateral instillation of agents into the rat lung. Dubaybo BA, et al. **J Appl Physiol** 1985 Jul;59(1):266-8

Pulmonary lavage as a source of human surfactant. Sherman JM, et al. **J Pediatr** 1985 Jan;106(1):126-7

Low pressure drop microporous hollow fiber membrane oxygenator. Lautier A, et al. **Life Support Syst** 1985 Jan-Mar;3(1):89-91

Crab lung [letter] Chabalko JJ, et al. **N Engl J Med** 1984 Dec 27;311(26):1703

Straw lung [letter] Kraus VB, et al. **N Engl J Med** 1985 Apr 4;312(14):924

Clinical use of intrapulmonary heparin. Bick RL, et al. **Semin Thromb Hemost** 1985 Apr;11(2):213-7 (32 ref.)

Isolated total lung perfusion as a means to deliver organ-specific chemotherapy: long-term studies in animals. Johnston MR, et al. **Surgery** 1985 Jul;98(1):35-44

A sequential broncho-alveolar washing in non-anaesthetized normal bovines: method and preliminary results. Viso M, et al. **Vet Res Commun** 1985 Jul;9(3):213-9

[Unrecognized foreign body aspiration as the cause of middle lobe syndrome] Germann EJ, et al. **ROFO** 1984 Dec;141(6):711-3 **(Ger)**

[A case of intrapulmonary foreign body manifested 20 years after closed mitral commissurotomy] Fujimoto J, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):652-5 (Eng. Abstr.) **(Jpn)**

[A model of regional deposition of aerions in the human lungs] Portnov FG, et al. **Biofizika** 1984 Sep-Oct;29(5):883-5 (Eng. Abstr.) **(Rus)**

[Removal of a foreign body from a single lung] Bukhrashvili DV. **Khirurgiia (Mosk)** 1984 Oct;(10):129 **(Rus)**

[Effectiveness of tissue electrophoresis and ultrasonics in the complex treatment of patients over 50 years of age with newly detected pulmonary tuberculosis] Zakopaĭlo GG, et al. **Probl Tuberk** 1985;(1):71-2 **(Rus)**

[Bronchioalveolar lavage. Study of cellular and biochemical parameters in non-smokers and smokers] de la Cruz Ríos JL, et al. **Med Clin (Barc)** 1984 Dec 15;83(20):842-8 (Eng. Abstr.) **(Spa)**

ABNORMALITIES

Accessory fissures of the lung. Godwin JD, et al. **AJR** 1985 Jan;144(1):39-47

Del(15)(q22q24) syndrome with Potter sequence. Clark RD. **Am J Med Genet** 1984 Dec;19(4):703-5

Bilateral pulmonary agenesis: association with the hydrolethalus syndrome and review of the literature from a developmental field perspective. Toriello HV, et al. **Am J Med Genet** 1985 May;21(1):93-103

Pulmonary and diaphragmatic agenesis: report of affected sibs. Toriello HV, et al. **Am J Med Genet** 1985 May;21(1):87-92

Fetal breathing movements and lung hypoplasia: preliminary human observations. Fox HE, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):531-3

Syndrome of camptodactyly, ankyloses, facial anomalies, and pulmonary hypoplasia (Pena-Shokeir syndrome): obstetric and ultrasound aspects. Shenker L, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):303-7

Imaging case of the month. Cystic adenomatoid malformation of the lung. Donovan C, et al. **Am J Perinatol** 1984 Apr;1(3):281-4

Abnormal ciliated cells in hypoplastic lungs. Moscoso G. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1742

Agenesis of the lung. Report of four patients with unusual anomalies. Mardini MK, et al. **Chest** 1985 Apr;87(4):522-7

A pulmonary abnormality of newborn lambs. Richardson C. **J Comp Pathol** 1984 Oct;94(4):559-67

The changing spectrum of cystic pulmonary lesions requiring surgical resection in infants. Schneider JR, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):332-9

Developmental anomalies of the lung in Nigerian children. Adebo OA, et al. **J Trop Med Hyg** 1984 Dec;87(6):241-4

Three syndromes of left lung isomerism, congenital heart disease, and multiple spleens (polysplenia, f-anisosplenia, and o-anisosplenia). Diehl EJ, et al. **Pediatr Pathol** 1984;2(2):138-47

Syndrome of pulmonary isomerism of right lung type, congenital heart disease, pulmonary and systemic venous abnormalities and malrotation of the intestine, with a spleen or multiple spleens (m-anisosplenia): comparison with Ivemark asplenia syndrome. Diehl EJ, et al. **Pediatr Pathol** 1984;2(2):133-8

Syndrome of externally bilobed lungs with normal bronchial branch pattern, congenital heart disease, multiple spleens, intestinal malrotation and short pancreas: an apparently hitherto undefined malformation complex. Hatayama C, et al. **Pediatr Pathol** 1984;2(2):127-33

Five syndromes (malformation complexes) of pulmonary symmetry, congenital heart disease, and multiple spleens. Landing BH. **Pediatr Pathol** 1984;2(2):125-7

Five syndromes (malformation complexes) of pulmonary symmetry, congenital heart disease, and multiple spleens. Landing BH. **Pediatr Pathol** 1984;2(2):148-51

Antenatal diagnosis of cystic adenomatoid malformation: effect on patient management. Claiborne AK, et al. **Pediatr Radiol** 1985;15(5):337-9

Causes of congenital unilateral pulmonary hypoplasia: a study of 33 cases. Currarino G, et al. **Pediatr Radiol** 1985;15(1):15-24

Fetal lung hypoplasia associated with maternal smoking: a morphometric analysis. Collins MH, et al. **Pediatr Res** 1985 Apr;19(4):408-12

Isolated left thoracic isomerism. Winer-Muram H, et al. **Radiology** 1985 Apr;155(1):10

The Smith-Lemli-Opitz syndrome. A detailed pathological study as a clue to a etiological heterogeneity. Cherstvoy ED, et al. **Virchows Arch** [A] 1984;404(4):413-25

[Intraoperative macroscopic characteristics of dysplasias of the bronchopulmonary system] Levcheva V. **Khirurgiia (Sofiia)** 1985;38(1):33-7 (25 ref.) **(Bul)**

[Intraoperative macroscopic characteristics of hypoplasia of the bronchopulmonary system] Levcheva V. **Khirurgiia (Sofiia)** 1984;37(6):464-9 (Eng. Abstr.) **(Bul)**

[Failures in the diagnosis of defects in disrupted development of the bronchopulmonary system] Levcheva V. **Vutr Boles** 1984;23(6):48-51 (Eng. Abstr.) **(Bul)**

[Symptoms of defects in the interrupted development of the bronchopulmonary system] Levcheva V. **Vutr Boles** 1985;24(1):85-9 (Eng. Abstr.) **(Bul)**

[Congenital broncho-pulmonary anomaly] Sun TN. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):93-6, 126-7 (Eng. Abstr.) **(Chi)**

[Congenital adenomatoid and cystic malformation of the lung. Anatomic and clinical presentation and discussion of 2 cases] Volant A, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):685-90 (Eng. Abstr.) **(Fre)**

[Thoracic opacity in a newborn infant disclosing an adenomatoid cyst of the lung. Radio-echographic case] Delaporte B, et al. **Arch Fr Pediatr** 1984 Oct;41(8):565-6 (Eng. Abstr.) **(Fre)**

[Pulmonary hypoplasia. Apropos of a case in twins] Maréchal M, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):897-902 (Eng. Abstr.) **(Fre)**

[Prenatal ultrasound findings in a case of cystic adenomatoid malformation of the lung with generalized hydrops of the fetus] Kronpass L, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):689-91 (Eng. Abstr.) **(Ger)**

[Cystic hypoplasia of the lung--pathogenesis, clinical aspects, diagnosis and therapy] Lewaschow JN. **Z Erkr Atmungsorgane** 1984;163(3):264-73 (Eng. Abstr.) **(Ger)**

[Congenital cystic adenomatoid malformation of the lung of mixed histological type] Mórocz I, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):211-7 (Eng. Abstr.) **(Hun)**

[Factors inhibiting the development of the fetal lung] Jakobovits A, et al. **Orv Hetil** 1984 Dec 30;125(53):3239-41 (Eng. Abstr.) **(Hun)**

[Early prenatal ultrasonic diagnosis of hydrothorax and pulmonary hypoplasia] Tóth Z, et al. **Orv Hetil** 1984 Nov 25;125(48):2933-6 (Eng. Abstr.) **(Hun)**

[Congenital pulmonary cystic adenomatous malformation with onset in the neonatal period] Carrera G, et al. **Minerva Pediatr** 1985 May 15;37(9):349-51 (Eng. Abstr.) **(Ita)**

[A case report of Goldenhar's syndrome accompanied with aplasia of the right lung] Ikezoe J, et al. **Rinsho Hoshasen** 1984 Aug;29(8):897-900 (Eng. Abstr.) **(Jpn)**

[Clinical symptoms in various respiratory tract anomalies in children] Ceglecka-Tomaszewska K, et al. **Pediatr Pol** 1984 Sep;59(9):743-8 (Eng. Abstr.) **(Pol)**

[Usefulness of ultrasonography in the diagnosis of lung cysts in children] Piwowarczyk K, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):213-7 (Eng. Abstr.) **(Pol)**

[Cystic lung in Ehlers-Danlos syndrome] Latoś T, et al. **Wiad Lek** 1984 Mar 15;37(6):460-3 (Eng. Abstr.) **(Pol)**

[Variants of pulmonary sequestration in developmental defects] Kartavova VA, et al. **Grudn Khir** 1984 Sep-Oct;(5):31-6 (Eng. Abstr.) **(Rus)**

[Diagnosis of agenesis and aplasia of the lung] Klimenko VI, et al. **Grudn Khir** 1984 Sep-Oct;(5):37-41 (Eng. Abstr.) **(Rus)**

[Combined congenital cysts of the lungs, kidneys and thyroid] Atamanov IuA. **Pediatriia** 1985 Jan;(1):53-4 **(Rus)**

ANALYSIS

Comparison of lung antioxidant levels in humans and laboratory animals. Slade R, et al. **Am Rev Respir Dis** 1985 May;131(5):742-6

Effect of cardiac output on extravascular lung water estimates made with the Edwards lung water computer. Fallon KD, et al. **Anesthesiology** 1985 Apr;62(4):505-8

Cigarette smoking and inorganic dust in human lungs. Vallyathan V, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):69-73

Demonstration of surfactant phospholipids in frozen sections of the lung. Chieco P, et al. **Basic Appl Histochem** 1985;29(2):149-60

Endogenous ligands of rat lung beta-galactoside-binding protein (galaptin) isolated by affinity chromatography on carboxyamidomethylated-galaptin-Sepharose. Powell JT, et al. **Biochem J** 1984 Nov 1;223(3):769-74

Very-high-field n.m.r. studies of bovine lung heparan sulphate tetrasaccharides produced by nitrous acid deaminative cleavage. Determination of saccharide sequence, uronate composition and degrees of sulphation. Sanderson PN, et al. **Biochem J** 1984 Oct 15;223(2):495-505

Identification of specific binding sites for leukotriene C4 in membranes from human lung. Rovati GE, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2831-7

Occurrence of glyceryl ethers in the phosphatidylcholine fraction of surfactant from dog lungs. Kumar R, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):19-26

Heterogeneity of heparan sulfate chains in a proteoglycan from bovine lung. Radhakrishnamurthy B, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):314-20

Intracellular and oligomeric forms of surfactant-associated apolipoproteins(s) A in the rat. Weaver TE, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):260-7

Quantitative x ray microanalysis of pulmonary mineral particles in a patient with pneumoconiosis and two primary lung tumours. Anttila S, et al. **Br J Ind Med** 1984 Nov;41(4):468-73

Microanalyses of lesions and lymph nodes from coalminers' lungs. Chapman JS, et al. **Br J Ind Med** 1985 Aug;42(8):551-5

Fiber concentration in lung tissue of patients with malignant mesothelioma. A case-control study. Mowé G, et al. **Cancer** 1985 Sep 1;56(5):1089-93

N.m.r. studies of the disulphated disaccharide obtained by degradation of bovine lung heparin with nitrous acid. Huckerby TN, et al. **Carbohydr Res** 1985 May 15;138(2):199-206

Thermal dye measurements of extravascular lung water in critically ill patients. Intravascular Starling forces and extravascular lung water in the adult respiratory distress syndrome. Sibbald WJ, et al. **Chest** 1985 May;87(5):585-92

Transmigration of titanium dioxide (TiO2) particles in rats after inhalation exposure. Lee KP, et al. **Exp Mol Pathol** 1985 Jun;42(3):331-43

A Si(Li)-NaI(Tl) detector for direct measurement of plutonium in vivo. Sherman IS, et al. **Health Phys** 1984 Nov;47(5):711-21

Raman microspectroscopy in human pathology. de Mul FF, et al. **Hum Pathol** 1984 Nov;15(11):106[illegible]-8

Asbestos body concentrations in human lung: predictions from asbestos body counts in tissue sections with a mathematical model. Vollmer R[illegible], et al. **Hum Pathol** 1985 Jul;16(7):713-8

Environmental silica in badger lungs: a possible association with susceptibility to Mycobacterium bovis infection. Higgins DA, et al. **Infect Immun** 1985 Apr;48(1):252-6

Characterization of two glycoproteins isolated from lung lavage fluid of normal human and from patients with two pulmonary diseases. Bhattacharyya SN, et al. **Inflammation** 1984 Dec;8(4):407-15

Provitamin A carotenoids from green leaves can restore vitamin A deficiency induced lesions in lung lipids in chicks. Srivastava N, et al. **Int J Vitam Nutr Res** 1984;54(2-3):269

Surfactants identified in lung lymph and their ability to act as abhesives. Hills BA, et al. **J Appl Physiol** 1985 Feb;58(2):514-20

Determination of leukotrienes and prostaglandins in [14C] arachidonic acid labelled human lung tissue by high-performance liquid chromatography and radioimmunoassay. Zijlstra FJ, et al. **J Chromatogr** 1984 Nov 9;311(1):39-50

Secretory proteins of the lung in rodents: immunocytochemistry. Singh G, et al. **J Histochem Cytochem** 1985 Jun;33(6):564-8

The lung beta-receptor in the spontaneous hypertensive rat. Ohsuzu F, et al. **Jpn Circ J** 1984 Nov;48(11):1203-9

Phospholipid composition of guinea pig lung lavage. Khan AQ, et al. **Lipids** 1985 Jan;20(1):7-10

Lung surfactant phospholipids in different animal species. Shelley SA, et al. **Lipids** 1984 Nov;19(11):857-62

Induction of prolactin receptors by prolactin in the rat lung and liver: demonstration of separate receptor and antibody entities. Amit T, et al. **Mol Cell Endocrinol** 1985 Jan;39(1):21-9

Homologous desensitization of the beta-adrenergic receptor. Functional integrity of the desensitized receptor from mammalian lung. Strasser RH, et al. **Mol Pharmacol** 1985 Sep;28(3):237-45

Coated and uncoated lung mineral fibres in subjects with and without pleural plaques at autopsy. Andrion A, et al. **Pathol Res Pract** 1984 Jul;178(6):611-6

Ion microscopy, a method for imaging the distribution of trace elements in the lung. Meignan M, et al. **Phys Med Biol** 1984 Aug;29(8):927-37

Measurement of 5-lipoxygenase products in the lung. Murphy RC. **Prog Biochem Pharmacol** 1985;20:84-100 (38 ref.)

Pulmonary deposition of a fly ash aerosol by inhalation. Tanaka I, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):423-31

[Fibrogenicity of real mine dust and dust deposits isolated from the lungs of miners in an animal experiment] Havránková J, et al. **Bratisl Lek Listy** 1985 Jul;84(1):34-44 (Eng. Abstr.) **(Cze)**

[Effect of in vitro incubation on alpha- and beta-adrenergic receptors of the rat lung] Hasegawa M. **Arerugi** 1984 Nov;33(11):934-9 (Eng. Abstr.) **(Jpn)**

[Beta-adrenergic receptor in bronchial asthma. Part 1. Pulmonary beta-adrenergic receptor in experimental konjac asthma of the guinea-pig] Sunaga Y. **Arerugi** 1984 Dec;33(12):1030-9 (Eng. Abstr.) **(Jpn)**

[Effects of dust caused by spike tires on the respiratory system] Hiraga Y, et al. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):4-7 **(Jpn)**

[Measurement of extravascular lung water by double-indicator dilution method amd its clinical assessment] Yamashita M, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1418-25 (Eng. Abstr.) **(Jpn)**

[Postoperative change of extravascular lung water in patients undergoing chest surgery] Shibata K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):202-9 (Eng. Abstr.) **(Jpn)**

[Effect of acute re-expansion of the unilaterally collapsed lung on the lung water content and pulmonary circulation in dogs] Ishibe Y. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1077-83 (Eng. Abstr.) **(Jpn)**

[Acquisition of beta-adrenergic blockade by repeated induction of airway anaphylaxis: changes in beta-adrenergic receptor levels in lung homogenates and beta-adrenergic response in tracheal muscles in guinea pigs with experimental asthma] Sakakibara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):220-9 (Eng. Abstr.) **(Jpn)**

[Constant infusion system of 15O labeled-water] Saji H, et al. **Radioisotopes** 1984 Sep;33(9):611-6 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Air flow limitation in children: narrow airways or large lungs? [letter] Teculescu DB. **Am Rev Respir Dis** 1985 Jun;131(6):965

Relation of blood-free to blood-inclusive postmortem lung water measurements in sheep. Collins JC, et al. **J Appl Physiol** 1985 Aug;59(2):592-6

A new nuclear magnetic resonance property of lung. Morris AH, et al. **J Appl Physiol** 1985 Mar;58(3):759-62

Perfusion dehydration fixes elastin and preserves lung air-space dimensions. Oldmixon EH, et al. **J Appl Physiol** 1985 Jan;58(1):105-13

A model for determining alveolar and small airway dimensions from aerosol recovery data. Rosenthal FS. **J Appl Physiol** 1985 Feb;58(2):582-91

Contribution of tree structures in the lung to lung elastic recoil. Smith JC, et al. **J Appl Physiol** 1984 Nov;57(5):1422-9

Light scattering by lungs correlates with stereological measurements. Suzuki S, et al. **J Appl Physiol** 1985 Jan;58(1):97-104

Correlations between structure and function in the design of the bat lung: a morphometric study. Maina JN, et al. **J Exp Biol** 1984 Jul;111:43-61

An ethanol-acetic acid-formol saline fixative for routine use with special application to the fixation of non-perfused rat lung. Harrison PT. **Lab Anim** 1984 Oct;18(4):325-31

Analysis of human lung morphometric data for stochastic aerosol deposition calculations. Koblinger L, et al. **Phys Med Biol** 1985 Jun;30(6):541-56

Pulmonary design in a microchiropteran bat (Pipistrellus subflavus) during hibernation. Lechner AJ. **Respir Physiol** 1985 Mar;59(3):301-12

[The NMR-CT of the lung] Haida M, et al. **Kokyu To Junkan** 1984 Aug;32(8):777-82 (20 ref.) **(Jpn)**

[Anatomy of peripheral lung tissue in the hilum] Itoh H, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1459-65 (Eng. Abstr.) **(Jpn)**

[Stereologic analysis of the respiratory zone of the lungs of the laboratory rat and man during aging] Stupina AS, et al. **Arkh Anat Gistol Embriol** 1985 Apr;88(4):65-9 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Intravascular bronchioloalveolar tumor. Report of an autopsy case and review of literature. Taguchi T, et al. **Acta Pathol Jpn** 1985 May;35(3):631-42

Systemic supply to a pulmonary arteriovenous malformation: a relative contraindication to surgery. Laffey KJ, et al. **AJR** 1985 Oct;145(4):720-2

Pulmonary vascular disease in children with truncus arteriosus. Juaneda E, et al. **Am J Cardiol** 1984 Dec 1;54(10):1314-20

Pulmonary vascular response during Raynaud's phenomenon in progressive systemic sclerosis. Shuck JW, et al. **Am J Med** 1985 Feb;78(2):221-7

Pulmonary vascular resistance during unilateral pulmonary arterial occlusion in ducks. Powell FL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R39-43

Influence of alveolar oxygen on pulmonary vasoconstriction in newborn lambs versus sheep. Custer JR, et al. **Am Rev Respir Dis** 1985 Aug;132(2):326-31

Pulmonary transvascular fluid and protein exchange after thrombin-induced microembolism. Differential effects of cyclooxygenase inhibitors. Johnson A, et al. **Am Rev Respir Dis** 1985 Jul;132(1):70-6

Pulmonary varix. Asayama J, et al. **Angiology** 1984 Nov;35(11):735-9

Lung vascular injury with protease infusion. Relationship to plasma fibronectin. Cohler LF, et al. **Ann Surg** 1985 Aug;202(2):240-7

The effect of surgery with cardiopulmonary bypass on alveolar-capillary barrier function in human beings. Royston D, et al. **Ann Thorac Surg** 1985 Aug;40(2):139-43

Pulmonary angiomatoid vascular changes in mitomycin C-associated hemolytic-uremic syndrome. Chang-Poon VY, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):877-8

Pulmonary capillaritis and hemorrhage in patients with systemic vasculitis. Mark EJ, et al. **Arch Pathol Lab Med** 1985 May;109(5):413-8

Structure-activity evidence against opiate receptor involvement in Leu5-enkephalin-induced pulmonary vasoconstriction. Crooks CA, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4095-[illegible]

Non-invasive assessment of pulmonary blood supply after staged repair of pulmonary atresia. Del Torso S, et al. **Br Heart J** 1985 Aug;54(2):209-14

Pulmonary vascular disease in different types of congenital heart disease. Implications for interpretation of lung biopsy findings in early childhood. Haworth SG. **Br Heart J** 1984 Nov;52(5):557-71

Pulmonary vascular structure in patients dying after a Fontan procedure. The lung as a risk factor. Juaneda E, et al. **Br Heart J** 1984 Nov;52(5):575-80

Thrombocytopenia accompanying a reaction to protamine sulfate. Horrow JC. **Can Anaesth Soc J** 1985 Jan;32(1):49-52

Protamine induced arterial hypoxaemia: the relationship to hypoxic pulmonary vasoconstriction. Kim YD, et al. **Can Anaesth Soc J** 1985 Jan;32(1):5-11

Pulmonary lobe blood flow during ventilation hypoxia and lobar collapse in the dog. Orchard CH, et al. **Cardiovasc Res** 1985 May;19(5):264-9

Reduced pulmonary capillary blood volume as a long-term sequel of ARDS. Buchser E, et al. **Chest** 1985 May;87(5):608-11

Pseudo-pseudo-pseudotumor of the lung. Louie S, et al. **Chest** 1985 Sep;88(3):470-1

Enlarged pulmonary arteriovenous vessels in COPD. Another possible mechanism of hypoxemia. Miller WC, et al. **Chest** 1984 Nov;86(5):704-6

A study of pulmonary ligament arteries. Relationship to intralobar pulmonary sequestration. Stocker JT, et al. **Chest** 1984 Oct;86(4):611-5

Analysis of responses to leukotriene D4 in the pulmonary vascular bed. Kadowitz PJ, et al. **Circ Res** 1984 Nov;55(5):707-17

Scintiangiographic demonstration of parasitization of systemic blood supply by inflammatory lung disease. Schlesinger AE, et al. **Clin Nucl Med** 1985 Mar;10(3):204-5

Pulmonary vasodilator therapy in persistent pulmonary hypertension of the newborn. Kulik TJ, et al. **Clin Perinatol** 1984 Oct;11(3):693-701

The effects of group B streptococcus and other organisms on the pulmonary vasculature. Rojas J, et al. **Clin Perinatol** 1984 Oct;11(3):591-9

Air-blood barrier thickness and blood gas changes in sepsis. Olson LM, et al. **Curr Surg** 1985 Jul-Aug;42(4):295-7

A reduction in pulmonary capillary blood volume in patients with disseminated testicular carcinoma. van Barneveld PW, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):675-9

Digital subtraction angiography and pulmonary vascular anomaly. Two case reports. Reekers JA, et al. **Eur J Radiol** 1985 Aug;5(3):199-201

Pulmonary microvascular effects of arachidonic acid metabolites and their role in lung vascular injury. Malik AB, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):36-42 (27 ref.)

Pulmonary vascular disease and hypertension after valve surgery for mitral stenosis. Tryka AF, et al. **Hum Pathol** 1985 Jan;16(1):65-71

Mechanisms and measurement of injury to the alveolar-capillary barrier. Jones JG. **Int Anesthesiol Clin** 1984 Winter;22(4):131-48

Quantification of damage by air emboli to lung microvessels in anesthetized sheep. Albertine KH, et al. **J Appl Physiol** 1984 Nov;57(5):1360-8

Effect of lung inflation on lung blood volume and pulmonary venous flow. Brower R, et al. **J Appl Physiol** 1985 Mar; 58(3):954-63

Specificity and sensitivity of noninvasive measurement of pulmonary vascular protein leak. Dauber IM, et al. **J Appl Physiol** 1985 Aug;59(2):564-74

Effects of chronic hypoxia on structure and reactivity of rat lung microvessels. Davies P, et al. **J Appl Physiol** 1985 Mar;58(3):795-801

Early recovery from hypoxic pulmonary hypertension: a structural and functional study. Fried R, et al. **J Appl Physiol** 1984 Oct;57(4):1247-53

Hypoxia and angiotensin II infusion redistribute lung blood flow in lambs. Hansen TN, et al. **J Appl Physiol** 1985 Mar; 58(3):812-8

Effect of hematocrit on vascular pressure profile in dog lungs. Julien M, et al. **J Appl Physiol** 1985 Mar;58(3):743-8

Microvascular albumin permeability in isolated perfused lung: effects of EDTA. Kern DF, et al. **J Appl Physiol** 1985 Feb;58(2):372-5

Estimation of isogravimetric capillary pressure by a filtration method in skeletal muscle and lung. Korthuis RJ, et al. **J Appl Physiol** 1984 Dec;57(6):1817-23

CO2 and mechanical factors reduce blood flow in a collapsed lung lobe. McFarlane PA, et al. **J Appl Physiol** 1984 Sep; 57(3):739-43

Pulmonary vasodilator responses to vasoactive intestinal peptide in the cat. Nandiwada PA, et al. **J Appl Physiol** 1985 May;58(5):1723-8

Effects of prolonged elevated microvascular pressure on lung fluid balance in sheep. Parker RE, et al. **J Appl Physiol** 1985 Mar;58(3):869-75

Pulmonary hemodynamics and lung water content during splanchnic ischemic shock. Pilati CF, et al. **J Appl Physiol** 1985 May;58(5):1577-84

Osmotic reflection coefficient for total plasma protein in lung microvessels. Rippe B, et al. **J Appl Physiol** 1985 Feb; 58(2):436-42

Effects of plasma- and cell-free perfusates on filtration coefficient of perfused canine lungs. Rippe B, et al. **J Appl Physiol** 1985 May;58(5):1571-7

Thromboxane synthase inhibition and perinatal pulmonary response to arachidonic acid. Tod ML, et al. **J Appl Physiol** 1985 Mar;58(3):710-6

Temporal delay of venous blood correlates with onset of exercise hyperpnea. VanBenthuysen KM, et al. **J Appl Physiol** 1984 Sep;57(3):874-80

Distribution of pneumococcus-induced augmentation of tissue leukostasis in rabbits: specificity for the pulmonary vascular bed. Goldblum SE, et al. **J Lab Clin Med** 1985 Mar;105(3):374-9

Congenital diaphragmatic hernia: arterial structural changes and persistent pulmonary hypertension after surgical repair. Geggel RL, et al. **J Pediatr** 1985 Sep;107(3):457-64

Furosemide during sustained left atrial hypertension in functionally anephric dogs: intravascular and extravascular pulmonary fluid volumes. V. Slutsky RA, et al. **J Surg Res** 1985 Mar;38(3):216-23

Effects of 100% oxygen breathing on the capillary filtration coefficient in rabbit lungs. Matalon S, et al. **Microvasc Res** 1985 Jan;29(1):70-80

Enhanced vesicular ingestion of nonenzymatically glucosylated proteins by capillary endothelium. Williams SK, et al. **Microvasc Res** 1984 Nov;28(3):311-21

Pulmonary vascular effects of Leu5-enkephalin in conscious newborn lambs. Kulik TJ, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):1-5

Leukotriene E4 causes pulmonary vasoconstriction, not inhibited by meclofenamate. Feddersen CO, et al. **Prostaglandins** 1983 Dec;26(6):869-83

The role of pulmonary vascular responses to chronic hypoxia in the development of chronic mountain sickness in rats. Hill NS, et al. **Respir Physiol** 1984 Nov;58(2):171-85

Relationship between pulmonary artery mean pressure and the vertical gradient of perfusion in chronic respiratory diseases. Weitzenblum E, et al. **Respiration** 1984; 46(4):337-41

Internal mammary artery as a palliative systemic-pulmonary shunt in order to develop diminutive pulmonary arteries. Sievers HH, et al. **Thorac Cardiovasc Surg** 1985 Feb; 33(1):51-2

Pulmonary vascular resistance in children with congenital heart disease. Davies NJ, et al. **Thorax** 1984 Dec; 39(12):895-900

[Studies on the vascular stereo-structure and blood capillary ultrastructure in lung cancer tissue] Li SX. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):106-8 (Eng. Abstr.) **(Chi)**

[Electron microscopy of the freeze-fracture study of pulmonary microvessels of guinea pigs in pulmonary diffuse haemorrhage due to leptospirosis] Bao L, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):37-40 (Eng. Abstr.) **(Chi)**

[An iatrogenic cause of a foreign body in the blood circulation] Hladík M, et al. **Cesk Pediatr** 1985 May; 40(5):302-3 **(Cze)**

[Intravenous subtraction angiography of the pulmonary vessels] Martens S, et al. **Ugeskr Laeger** 1984 Jul 23; 146(30):2224-6 (Eng. Abstr.) **(Dan)**

[Hypoxic pulmonary vasoconstriction. What clinical importance?] Naeije R. **Presse Med** 1985 Jun 22; 14(25):1359-61 **(Fre)**

[Course of the left subclavian artery through the lung apex] Goebel N. **Digitale Bilddiagn** 1984 Sep;4(3):127-8 (Eng. Abstr.) **(Ger)**

[Chronic pulmonary hypertension of vascular etiology, plexogenic pulmonary arteriopathy and the appetite depressant Aminorex: lessons from an epidemic] Gurtner HP. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):818-27 **(Ger)**

[Hemodynamics of microcirculation during thoracoscopy under anesthesia] Preisler J, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):391-4 (Eng. Abstr.) **(Ger)**

[Distribution of cefotiam dihydrochloride to the bloodless lung] Fujimoto Y, et al. **Jpn J Antibiot** 1985 Jan;38(1):155-9 (Eng. Abstr.) **(Jpn)**

[Pulmonary vascular permeability and surfactant] Horie T, et al. **Kokyu To Junkan** 1985 May;33(5):639-43 **(Jpn)**

[A case of re-expansion pulmonary edema with increased pulmonary capillary permeability] Sei Y, et al. **Kokyu To Junkan** 1984 Dec;32(12):1319-22 (Eng. Abstr.) **(Jpn)**

[A case of anomalous systemic arterial supply to the basal lung] Ogawa J, et al. **Kyobu Geka** 1985 Apr;38(4):316-21 (Eng. Abstr.) **(Jpn)**

[Division of aberrant systemic arteries communicating with pulmonary vessels in 2 patients associated with the scimitar syndrome] Ohkita Y, et al. **Kyobu Geka** 1985 Apr; 38(4):266-73 (Eng. Abstr.) **(Jpn)**

[Effects of serotonin, phenoxybenzamine, sodium nitroprusside and nitroglycerin on pulmonary capillary blood flow in dogs] Masuda J. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):650-8 (Eng. Abstr.) **(Jpn)**

[Microcirculation in rheumatic mitral stenosis (clinico-morphological research by lung biopsies)] Strukov AI, et al. **Arkh Patol** 1985;47(1):11-9 (Eng. Abstr.) **(Rus)**

[Microvascular changes in the lungs of rats with bronchiolo-alveolar fibrosis caused by the intrabronchial administration of trypsin] Paukov VS, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):368-72 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of arteriovenous aneurysms of the pulmonary vessels] Volkolakov IaV, et al. **Klin Khir** 1984 Oct;(10):65-6 **(Rus)**

[Pulmonary microcirculation after distant gamma-therapy of breast and thyroid cancer (perfusion pulmoscintigraphy data)] Livergant IuM, et al. **Med Radiol (Mosk)** 1985 Jun; 30(6):11-5 (Eng. Abstr.) **(Rus)**

[Morphofunctional changes in the lesser circulation after pneumonectomy] Vel'da RI, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):65-9 (Eng. Abstr.) **(Rus)**

[Morphological and radionuclide studies of regional blood flow in nonspecific lung diseases] Arifkhanova SI, et al. **Probl Tuberk** 1984 Sep;(9):42-6 (Eng. Abstr.) **(Rus)**

[Angiography of the lungs in patients with chronic bronchitis] Polak Ia. **Probl Tuberk** 1985;(3):27-30 (Eng. Abstr.) **(Rus)**

[Regional blood circulation in children with congenital cleft lip and palate based on rheographic data] Koĭkov ST. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):36-8 (Eng. Abstr.) **(Rus)**

[Infarction-pneumonia in acute allergic reaction to levomycetin] Krylov AA, et al. **Ter Arkh** 1985;57(5):145-6 **(Rus)**

CYTOLOGY

Phagocytosis of Mycobacterium leprae and M. avium by armadillo lung fibroblasts and kidney epithelial cells. Rastogi N, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec; (95):267-76

Inhibition of lung fibroblast growth by human lung mononuclear cells. Elias JA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):810-6

Human alveolar macrophage inhibition of lung fibroblast growth. A prostaglandin-dependent process. Elias JA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):94-9

Extracellular matrix in normal and fibrotic human lungs. Raghu G, et al. **Am Rev Respir Dis** 1985 Feb;131(2):281-9

Morphology of the distal conducting airways in rhesus monkey lungs. Tyler NK, et al. **Anat Rec** 1985 Mar; 211(3):295-303

Pulmonary macrophage: a major source of lipoprotein lipase in the lung. Okabe T, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):273-8

Regulation of phospholipid synthesis by intracellular phospholipases in fetal rabbit type II pneumocytes. Aeberhard EE, et al. **Biochim Biophys Acta** 1985 Mar 6; 833(3):473-83

Phosphatidylglycerol stimulates cholinephosphate cytidylyltransferase activity and phosphatidylcholine synthesis in type II pneumocytes. Gilfillan AM, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):141-6

Arachidonic acid metabolites stimulate phosphatidylcholine secretion in primary cultures of type II pneumocytes. Gilfillan AM, et al. **Biochim Biophys Acta** 1985 Feb 8; 833(2):336-41

Incorporation of [3H]palmitate and [14C]choline into disaturated phosphatidylcholines in rat alveolar macrophages. Miles PR, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):342-50

Growth stimulation by direct cell-cell contact (contact stimulation) in normal human lung fibroblasts. Ohno T, et al. **Biomed Pharmacother** 1984;38(7):337-43

Cell biology of pulmonary endothelium. Ryan US, et al. **Circulation** 1984 Nov;70(5 Pt 2):III46-62

Isolation and culture of pulmonary endothelial cells. Ryan US. **Environ Health Perspect** 1984 Jun;56:103-14 (35 ref.)

Organotypic culture of fetal lung type II alveolar epithelial cells: applications to pulmonary toxicology. Shami SG, et al. **Environ Health Perspect** 1984 Jun;56:87-94

Basement membrane formation and lung cell differentiation in vitro. Zimmermann B, et al. **Eur J Cell Biol** 1985 Jan; 36(1):66-73

Studies on beta-adrenoceptors of purified mast cells from guinea-pig lung. Undem BJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):413-6

Amine-containing cells of the lung. Pack RJ, et al. **Eur J Respir Dis** 1984 Nov;65(8):559-78 (123 ref.)

The heterogeneity of human fibroblasts as determined from the effects of hydrocortisone on cell growth and specific dexamethasone binding. Kondo H, et al. **Exp Cell Res** 1985 Jun;158(2):342-8

Factors controlling the appearance of the immunofluorescent nuclear dots revealed with monoclonal antibody against microtubule-associated protein-1. Ohno T, et al. **Exp Cell Res** 1985 Jun;158(2):558-62

Separation and characterization of lymphocytes from rat lung parenchyma. Kumar RK. **Exp Lung Res** 1984;7(2):113-22

Preparation of interstitial lung cells by enzymatic digestion of tissue slices: preliminary characterization by morphology and performance in functional assays. Holt PG, et al. **Immunology** 1985 Jan;54(1):139-47

Differentiation-arrested rat fetal lung in primary monolayer cell culture. IV. Paradoxical effect of a 'fetal' pO2 on precursor incorporation into phospholipids and hormone responsiveness. Tanswell AK, et al. **In Vitro** 1984 Aug; 20(8):635-41

Cellular biology of pulmonary macrophages. van Furth R. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:21-7 (31 ref.)

Leukocyte kinetics in the human lung: role of exercise and catecholamines. Muir AL, et al. **J Appl Physiol** 1984 Sep; 57(3):711-9

Differences in the behavior of cytoplasmic granules and lipid bodies during human lung mast cell degranulation. Dvorak AM, et al. **J Cell Biol** 1984 Nov;99(5):1678-87

An acellular human amnionic membrane model for in vitro culture of type II pneumocytes: the role of the basement membrane in cell morphology and function. Lwebuga-Mukasa JS, et al. **J Cell Physiol** 1984 Oct; 121(1):215-25

Differentiation and activation phenotypes of lung T lymphocytes differ from those of circulating T lymphocytes. Davidson BL, et al. **J Clin Invest** 1985 Jul; 76(1):60-5

The fibrinogenolytic activity of purified tryptase from human lung mast cells. Schwartz LB, et al. **J Immunol** 1985 Oct; 135(4):2762-7

A procedure for isolation and partial purification of guinea pig lung mast cells. Undem BJ, et al. **J Immunol Methods** 1985 Aug 2;81(2):187-97

Monocytic origin and postnatal mitosis of intravascular macrophages in the porcine lung. Winkler GC, et al. **J Leukocyte Biol** 1985 Oct;38(4):471-80

An electron microscopic study on the type I pneumocyte in the rat: postnatal morphogenesis. Mercurio AR, et al. **J Morphol** 1984 Nov;182(2):169-78

Type II epithelial cells of the lung. VII. The effect of ascorbic acid and glutathione. Mettler NR, et al. **Lab Invest** 1984 Oct;51(4):441-8

Changes in protein synthesis and breakdown rates and responsiveness to growth factors with ageing in human lung fibroblasts. Ballard FJ, et al. **Mech Ageing Dev** 1985 Apr;30(1):11-22

Development and characterization of type 2 pneumocyte-related cell lines from normal adult mouse lung. Smith GJ, et al. **Pathology** 1984 Oct;16(4):401-5

Bronchoalveolar lavage in the normal lung. 2. Cell distribution and cytomorphology. Velluti G, et al. **Respiration** 1984;46(1):1-7

Highly increased natural killer cell number and lytic activity in the murine peripheral blood and lungs after interferon induction in vivo. Hurme M, et al. **Scand J Immunol** 1984 Oct;20(4):371-6

Serial sections of Quetol embedded, osmium fixed lung with external reference marks for alignment. McNiff J, et al. **Stain Technol** 1985 May;60(3):181-3

Widespread distribution of bronchopulmonary endocrine cells immunoreactive for calcitonin in the lung of the normal adult rat. Gosney JR, et al. **Thorax** 1985 Mar; 40(3):194-8

Protective effect of the serum against cellular damage by active oxygen in culture. Ogasawara T, et al. **Tohoku J Exp Med** 1984 Sep;144(1):9-20

[Characteristics of cell structure and proliferative activity of organ cultures of normal embryonic lung tissue of mice resistant (C57BL) and predisposed (A) to lung blastomogenesis] Kolesnichenko TS, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):332–4 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Maturation of the fetal lung II. Effect of hyperoxia on phosphatidic acid phosphatase, pyruvate kinase and superoxide dismutase activity in the newborn rat lung. Kerepesi T, et al. **Acta Paediatr Hung** 1984;25(3):247–54

Propyl ether. II. Pulmonary irritation and anaesthesia. Nielsen GD, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):165–75

A 24-hour glucocorticoid treatment increases the number of beta-adrenoceptors in the rat lung. Salonen RO, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Nov;55(5):425–8

Cytologic and biochemical changes in pulmonary washings of guinea pigs exposed to kerosene. Noa M, et al. **Allergol Immunopathol (Madr)** 1985 May–Jun;13(3):193–6

Serine esterase inhibitor reduces contractions with isolated trachea and lung strips from guinea pigs induced by phospholipase A2. Slapke J. **Allergol Immunopathol (Madr)** 1984 Jul–Aug;12(4):289–92

Development of normal tissue damage in the rat subsequent to thoracic irradiation and prior treatment with cancer chemotherapeutic agents. Mansfield CM, et al. **Am J Clin Oncol** 1984 Oct;7(5):425–30

Amiodarone-induced lung toxicity. In vitro evidence for the direct toxicity of the drug. Martin WJ, et al. **Am J Pathol** 1985 Sep;120(3):344–50

Intravenous histamine administration in ponies with recurrent airway obstruction (heaves). Derksen FJ, et al. **Am J Vet Res** 1985 Apr;46(4):774–7

Effects of endotoxemia on lung water and hemodynamics in conscious calves. Olson NC, et al. **Am J Vet Res** 1985 Mar;46(3):711–8

Impairment of sympathetic pulmonary vasoconstriction by 3-methylindole in cattle. Perry MS, et al. **Am J Vet Res** 1985 Apr;46(4):905–8

Patterns of accumulation of platelets and neutrophils in rat lungs during exposure to 100% and 85% oxygen. Barry BE, et al. **Am Rev Respir Dis** 1985 Sep;132(3):548–55

Amphotericin B causes aggregation of neutrophils and enhances pulmonary leukostasis. Berliner S, et al. **Am Rev Respir Dis** 1985 Sep;132(3):602–5

Interaction of peroxyacetyl nitrate and ozone on pulmonary functions. Drechsler-Parks DM, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1033–7

Aspirin impairs antibacterial mechanisms in experimental pneumococcal pneumonia. Esposito AL. **Am Rev Respir Dis** 1984 Nov;130(5):857–62

Hyperoxic lung injury and polyamine biosynthesis. Age-related differences. Hacker AD, et al. **Am Rev Respir Dis** 1985 Aug;132(2):354–7

Lung changes resulting from intraperitoneal injections of porcine pancreatic elastase in suckling rats. Kida K, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1111–7

Acute effects of 0.12 ppm ozone or 0.12 ppm nitrogen dioxide on pulmonary function in healthy and asthmatic adolescents. Koenig JQ, et al. **Am Rev Respir Dis** 1985 Sep;132(3):648–51

The comparative toxicity of volcanic ash and quartz. Effects on cells derived from the human lung. Martin TR, et al. **Am Rev Respir Dis** 1984 Nov;130(5):778–82

Protection against pulmonary oxygen toxicity in rats by the intratracheal administration of liposome-encapsulated superoxide dismutase or catalase. Padmanabhan RV, et al. **Am Rev Respir Dis** 1985 Jul;132(1):164–7

Effect of diuretics on cardiopulmonary performance in severe chronic airflow obstruction. A controlled clinical trial. Mathur PN, et al. **Arch Intern Med** 1984 Nov;144(11):2154–7

Ultrastructural changes in rat Clara cells induced by a single dose of O,S,S-trimethyl phosphorodithioate. Dinsdale D, et al. **Arch Toxicol** 1984 Nov;56(1):59–65

Pulmonary changes induced in rabbits by long-term exposure to n-hexane. Lungarella G, et al. **Arch Toxicol** 1984 Oct;55(4):224–8

The effect of D-penicillamine on pulmonary findings in systemic sclerosis. Steen VD, et al. **Arthritis Rheum** 1985 Aug;28(8):882–8

Effect of coenzyme Q10, a quinone derivative, on guinea pig lung and tracheal tissue. Ishihara Y, et al. **Arzneimittelforschung** 1985;35(6):929–33

Role of carbon monoxide diffusing capacity in the early detection of major bleomycin-induced pulmonary toxicity. Bell MR, et al. **Aust NZ J Med** 1985 Apr;15(2):235–40

Spasmogenic activity of C5adesArg anaphylatoxin on guinea pig lung parenchymal strips: sensitivity of the leukotriene-mediated component to cyclooxygenase inhibitors. Stimler NP. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):852–8

Effect of intratracheally instilled benzo(a)pyrene on the pulmonary and hepatic drug-metabolizing enzymes in normal and vitamin A deficient rats. Dogra SC, et al. **Biochem Int** 1985 Mar;10(3):373–83

Differential lipid peroxidative response of rat liver and lung tissues to glutathione depletion induced in vivo by diethyl maleate: effect of the antioxidant flavonoid (+)-cyanidanol-3. Videla LA, et al. **Biochem Int** 1985 Mar;10(3):425–33

Collagen synthesis and degradation in acutely damaged mouse lung tissue following treatment with prednisolone. Kehrer JP. **Biochem Pharmacol** 1985 Jul 15;34(14):2519–24

Polyphosphate-mediated protection from cellular intoxication with Clostridium difficile toxin B. Florin I, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):131–6

Alteration of alveolar surfactant function after exposure to oxidative stress and to oxygenated and native arachidonic acid in vitro. Seeger W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):58–67

Development of mucous cells in mouse intrapulmonary airways induced by cholera toxin, dibutyryl cyclic AMP and prostaglandin E1. Nygren H, et al. **Br J Exp Pathol** 1984 Oct;65(5):549–56

Experimental evaluation of various available contrast agents for use in the upper gastrointestinal tract in case of suspected leakage. Effects on lungs. Ginai AZ, et al. **Br J Radiol** 1984 Oct;57(682):895–901

Effects of aerosolized histamine and carbachol in the conscious horse. Mirbahar KB, et al. **Can J Comp Med** 1985 Apr;49(2):211–8

Effects of ethanol, phenol, formaldehyde, and selected metabolites on metabolic cooperation between Chinese hamster V79 lung fibroblasts. Malcolm AR, et al. **Carcinog Compr Surv** 1985;8:305–18

Lung damage due to antimicrobial drugs: a minireview. Bassetti D, et al. **Chemioterapia** 1984 Jun;3(3):200–2 (8 ref.)

Aerosol penetration and mucociliary transport in the healthy human lung. Effect of low serum theophylline levels. Cotromanes E, et al. **Chest** 1985 Aug;88(2):194–200

Reactivation of bleomycin lung toxicity following oxygen administration. A second response to corticosteroids. Gilson AJ, et al. **Chest** 1985 Aug;88(2):304–6

Prospective evaluation of amiodarone pulmonary toxicity. Kudenchuk PJ, et al. **Chest** 1984 Oct;86(4):541–8

Pulmonary complications after Fluosol administration to patients with life-threatening blood loss. Police AM, et al. **Crit Care Med** 1985 Feb;13(2):96–8

Effect of plasma colloid osmotic pressure on fluid filtration rate in isolated rabbit lungs. Sánchez de León R, et al. **Crit Care Med** 1985 Aug;13(8):668–71

Differences between inhaled and intravenous carbachol in detecting O3-induced airway effects. Abraham W, et al. **Environ Res** 1984 Dec;35(2):430–8

Ozone-related fluorescent compounds in mouse liver and lung. Csallany AS, et al. **Environ Res** 1985 Aug;37(2):320–6

The influence of amosite asbestos exposure on lung permeability. Dodson RF, et al. **Environ Res** 1984 Dec;35(2):497–506

Controlled exposures of volunteers with chronic obstructive pulmonary disease to sulfur dioxide. Linn WS, et al. **Environ Res** 1985 Aug;37(2):445–51

Pulmonary function in elastase-treated guinea pigs and rats exposed to ammonium sulfate or ammonium nitrate aerosols. Loscutoff SM, et al. **Environ Res** 1985 Feb;36(1):170–80

Inhalation studies of Mt. St. Helens volcanic ash in animals. II. Lung function, biochemistry, and histology. Raub JA, et al. **Environ Res** 1985 Jun;37(1):72–83

Early cytokinetic and morphological response of rat lungs to inhaled benzo(a)pyrene, gallium oxide, and SO2. Shami SG, et al. **Environ Res** 1985 Jun;37(1):12–25

Cytokinetic and morphological changes in the lungs and lung-associated lymph nodes of rats after inhalation of fly ash. Shami SG, et al. **Environ Res** 1984 Dec;35(2):373–93

Influence of cardioselectivity and respiratory disease on pulmonary responsiveness to beta-blockade. Clague HW, et al. **Eur J Clin Pharmacol** 1984;27(5):517–23

Parenchymal and vascular strips from bovine lung respond differently to vasodilators. Gruetter CA, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):619–23

Reserpine-induced supersensitivity occurs for beta-adrenoceptor-mediated responses of heart and trachea but not of the uterus and lung. Hawthorn MH, et al. **Eur J Pharmacol** 1984 Oct 15;105(3–4):245–55

Involvement of arachidonic acid metabolites in beta-adrenoceptor desensitization: functional and biochemical studies. Omini C, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):601–6

Effects of short-term exposure to ambient nitrogen dioxide concentrations on human bronchial reactivity and lung function. Bylin G, et al. **Eur J Respir Dis** 1985 Mar;66(3):205–17

Carbon monoxide diffusing capacity: a reliable indicator of bleomycin-induced pulmonary toxicity. Sørensen PG, et al. **Eur J Respir Dis** 1985 May;66(5):333–40

Response of sheep after localized deposition of lipopolysaccharide in the lung. Brogden KA, et al. **Exp Lung Res** 1984;7(2):123–32

A mechanism of synergistic lung damage by ozone and a respirable aerosol. Last JA, et al. **Exp Lung Res** 1984;7(3–4):223–35

Cyclophosphamide-induced depression of the antioxidant defense mechanisms of the lung. Patel JM, et al. **Exp Lung Res** 1985;8(2–3):153–65

An ultrastructural study of the acute effects of 4-nitroquinoline 1-oxide on the hamster lung. Ito T. **Exp Mol Pathol** 1985 Apr;42(2):220–33

Pulmonary toxicity of cyclophosphamide: a 1-year study. Morse CC, et al. **Exp Mol Pathol** 1985 Apr;42(2):251–60

The metabolism of benzo(a)pyrene by the lungs of asbestos exposed rats. Brown RC, et al. **Exp Pathol** 1984;26(2):101–5

Modulation of oxidant lung injury by using liposome-entrapped superoxide dismutase and catalase. Freeman BA, et al. **Fed Proc** 1985 Jul;44(10):2591–5

Enhanced oxygen toxicity following treatment with 1,3-bis(2-chloroethyl)-1-nitrosourea. Kehrer JP, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):760–7

Effect of clenbuterol, a new beta 2 selective adrenoceptor stimulant, on the release of histamine and SRS-A from passively sensitized guinea-pig chopped lungs. Yamazaki N, et al. **Gen Pharmacol** 1984;15(4):345–8

Toxicology of nickel. Camner P, et al. **IARC Sci Publ** 1984;(53):267–76

Contraction of guinea pig lung by synthetic oligopeptides related to human C3a. Huey R, et al. **Immunopharmacology** 1984 Aug;8(1):37–45

Symptoms and lung function in low-exposure to TDI by polyurethane foam manufacturing. Alexandersson R, et al. **Int Arch Occup Environ Health** 1985;55(2):149–57

Indoor air pollution and its effect on pulmonary function of adult non-smoking women: III. Passive smoking and pulmonary function. Brunekreef B, et al. **Int J Epidemiol** 1985 Jun;14(2):227–30

Indoor air pollution and its effect on pulmonary function of adult non-smoking women: II. Associations between nitrogen dioxide and pulmonary function. Fischer P, et al. **Int J Epidemiol** 1985 Jun;14(2):221–6

Indoor air pollution and its effect on pulmonary function of adult non-smoking women: I. Exposure estimates for nitrogen dioxide and passive smoking. Remijn B, et al. **Int J Epidemiol** 1985 Jun;14(2):215–20

Comparison of the effect of two and six week exposure to 80% and 100% oxygen on the lung of the newborn mouse: a quantitative SEM and TEM correlative study. Obara H, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):285–98

Pulmonary function effects of 1.0 and 2.0 ppm sulfur dioxide exposure in active young male non-smokers. Bedi JF, et al. **J Air Pollut Control Assoc** 1984 Nov;34(11):1117–21

Species susceptibility to the pulmonary toxicity of 3-furyl isoamyl ketone (perilla ketone): in vivo support for involvement of the lung monooxygenase system. Garst JE, et al. **J Anim Sci** 1985 Jan;60(1):248–57

Insulin acts on the fibroblast to inhibit glucocorticoid stimulation of lung maturation. Carlson KS, et al. **J Appl Physiol** 1984 Nov;57(5):1577–9

Pulmonary response to threshold levels of sulfur dioxide (1.0 ppm) and ozone (0.3 ppm). Folinsbee LJ, et al. **J Appl Physiol** 1985 Jun;58(6):1783–7

Pulmonary function changes after 1 h continuous heavy exercise in 0.21 ppm ozone. Folinsbee LJ, et al. **J Appl Physiol** 1984 Oct;57(4):984–8

Endotoxin-tolerant rats are still protected from oxygen toxicity by low-dose endotoxin treatment. Frank L. **J Appl Physiol** 1985 Mar;58(3):819–22

Ozone-induced airway hyperreactivity in the guinea pig. Gordon T, et al. **J Appl Physiol** 1984 Oct;57(4):1034–8

Pulmonary oxygen toxicity in awake dogs: metabolic and physiological effects. Harabin AL, et al. **J Appl Physiol** 1984 Nov;57(5):1480–8

Histamine dose-response curves in guinea pigs. Hulbert WC, et al. **J Appl Physiol** 1985 Feb;58(2):625–34

Effects of surfactant supplement and end-expiratory pressure in lung-lavaged rabbits. Kobayashi T, et al. **J Appl Physiol** 1984 Oct;57(4):995–1001

Mitogenic effect of endotoxin on lung and tolerance of rats to hyperoxia. Koizumi M, et al. **J Appl Physiol** 1985 Aug;59(2):315–9

Mechanisms of interaction between oxygen and granulocytes in hyperoxic lung injury. Krieger BP, et al. **J Appl Physiol** 1985 Apr;58(4):1326–30

Modification of pulmonary oxygen toxicity by bleomycin treatment. Matalon S, et al. **J Appl Physiol** 1985 Jun;58(6):1802–9

Interstitial fluid volumes and albumin spaces in pulmonary oxygen toxicity. Matalon S, et al. **J Appl Physiol** 1984 Dec;57(6):1767–72

Effects of imidazole and indomethacin on fluid balance in isolated sheep lungs. Patterson GA, et al. **J Appl Physiol** 1985 Mar;58(3):892–8

Effect of isoprenaline inhalation on pulmonary function in smokers. Sood S, et al. **J Assoc Physicians India** 1984 Aug;32(8):719–21

Effect of parenteral magnesium on pulmonary function, plasma cAMP, and histamine in bronchial asthma. Brunner EH, et al. **J Asthma** 1985;22(1):3–11

Rat lung fibroblast collagen metabolism in bleomycin-induced pulmonary fibrosis. Phan SH, et al. **J Clin Invest** 1985 Jul;76(1):241–7

Systemic complement activation, lung injury, and products of lipid peroxidation. Ward PA, et al. **J Clin Invest** 1985 Aug;76(2):517–27

Nitrofurantoin-stimulated oxidant production in pulmonary endothelial cells. Martin WJ 2d, et al. **J Lab Clin Med** 1985 Jan;105(1):23–9

Cutaneous and pulmonary histopathological responses to platelet activating factor (Paf-acether) in the guinea-pig. Dewar A, et al. **J Pathol** 1984 Sep;144(1):25–34

The cumulative scanning electron microscopic changes in baby mouse lungs following prenatal and postnatal exposures to nicotine. Wang NS, et al. **J Pathol** 1984 Oct;144(2):89–100

Response and sensitivity of isolated human pulmonary muscle preparations to pharmacological agents. Raffestin B, et al.

J Pharmacol Exp Ther 1985 Apr;233(1):186–94

Influence of mediators of anaphylaxis on collateral ventilation and the lung periphery of the dog. Spannhake EW, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):491–7

The acute effects of intralipid on lung function. Ali J, et al. **J Surg Res** 1985 Jun;38(6):599–605

Effects of arsenic trioxide inhalation exposure on pulmonary antibacterial defenses in mice. Aranyi C, et al. **J Toxicol Environ Health** 1985;15(1):163–72

Development of tolerance to a pneumotoxic impurity of malathion. Imamura T, et al. **J Toxicol Environ Health** 1985;15(2):279–91

An increase in the activities of glycolytic enzymes in rat lungs produced by nitrogen dioxide. Mochitate K, et al. **J Toxicol Environ Health** 1985;15(2):323–31

Response of pulmonary cellular defenses to the inhalation of high concentrations of diesel exhaust. Strom KA. **J Toxicol Environ Health** 1984;13(4–6):919–44

Dose-independence of early, cyclophosphamide-induced lung damage in mice. Depledge MH. **Jpn J Exp Med** 1984 Dec;54(6):235–9

The effect of 3-methylindole on the uptake and incorporation of 14C-choline into phospholipids in lung tissue slices. Kirkland JB, et al. **Lipids** 1984 Oct;19(10):709–13

Amiodarone pulmonary toxicity: report of two cases associated with rapidly progressive fatal adult respiratory distress syndrome after pulmonary angiography. Wood DL, et al. **Mayo Clin Proc** 1985 Sep;60(9):601–3

Bleomycin pulmonary toxicity: its relationship to renal dysfunction. Dalgleish AG, et al. **Med Pediatr Oncol** 1984; 12(5):313–7

On the uptake and genotoxicity of UICC Rhodesian chrysotile A in human primary lung fibroblasts. Verschaeve L, et al. **Naturwissenschaften** 1985 Jun;72(6):326–7

Use of beta-methasone in management of preterm gestation with premature rupture of membranes. Simpson GF, et al. **Obstet Gynecol** 1985 Aug;66(2):168–75

Inhibition of bleomycin lung toxicity by N-acetyl cysteine in the rat. Berend N. **Pathology** 1985 Jan;17(1):108–10

The effect of intra-amniotic injection of triiodothyronine on pulmonary maturity in lambs at 130 days gestation. Korda AR, et al. **Pediatr Res** 1984 Oct;18(10):932–5

Surfactant treatment and ventilation by high frequency oscillation in premature newborn rabbits: effect on survival, lung aeration, and bronchiolar epithelial lesions. Nilsson R, et al. **Pediatr Res** 1985 Jan;19(1):143–7

Pulmonary toxicity of monocrotaline differs at critical periods of lung development. Todd L, et al. **Pediatr Res** 1985 Jul;19(7):731–7

Effect of propranolol on pulmonary function and bronchoconstrictor responsiveness in guinea pigs and rats. Chapman RW, et al. **Pharmacol Res Commun** 1985 Feb; 17(2):149–63

Comparative study of the pulmonary effects of intravenous leukotrienes and other bronchoconstrictors in anaesthetized guinea pigs. Jones TR, et al. **Prostaglandins** 1985 May; 29(5):799–817

Effects of a contractile prostaglandin antagonist (L-640,035) upon allergen-induced bronchoconstriction in hyperreactive rats and conscious squirrel monkeys. McFarlane CS, et al. **Prostaglandins** 1984 Aug;28(2):173–82

Prostaglandin F2 alpha increases responsiveness of pulmonary airways in dogs. O'Byrne PM, et al. **Prostaglandins** 1984 Oct;28(4):537–43

Species variations in the pulmonary responses to arachidonic acid metabolites. Voelkel NF. **Prostaglandins** 1985 May; 29(5):867–89 (161 ref.)

The effects of prostacyclin (PGI2) on haematological and haemodynamic parameters, and lung histology in puppies undergoing cardiopulmonary bypass surgery with profound hypothermia. Starling MB, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):11–29

Extravascular lung water: effects of intravenous ionic and non-ionic (Iopamidol) contrast media during ischemia. Slutsky RA, et al. **Radiology** 1985 Apr;155(1):11–4

Endotoxin protection of rats from pulmonary oxygen toxicity: lack of complement involvement. Berg JT, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb; 47(2):309–12

The effect of 3-methylindole on superoxide and hydrogen peroxide production and NADPH oxidation by goat lung microsomes. Laegreid WW, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):387–97

Mucolytic agents and mucociliary activity. Gunnarsson M, et al. **Rhinology** 1984 Dec;22(4):223–31

The effect of pretreatment with cortisol on inflammatory changes in lungs after nitrogen oxides inhalation. Vyskočil A, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(2):261–6

In vitro effects of crocidolite asbestos and wollastonite on pulmonary macrophages and serum complement. Warheit DB, et al. **Scan Electron Microsc** 1984;(Pt 2):919–26

Differences in the respiratory capacity of workers with long-term exposure to vapors from paints free from or containing organic isocyanates [letter] Beving H, et al. **Scand J Work Environ Health** 1984 Aug;10(4):267–8

Protection against lethal hyperoxia by tracheal insufflation of erythrocytes: role of red cell glutathione. van Asbeck BS, et al. **Science** 1985 Feb 15;227(4688):756–9

Effects of histamine on lung permeability in normal and asthmatic subjects. Rees PJ, et al. **Thorax** 1985 Aug; 40(8):603–6

Fibrin degradation products increase lung transvascular fluid filtration after thrombin-induced pulmonary microembolism. Johnson A, et al. **Thromb Res** 1985 Feb 15;37(4):543–54

Pulmonary toxicity of aerosolized oil-formulated fenitrothion in rats. Chevalier G, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):349–55

Cellular responses to O,O,S-trimethyl phosphorothioate-induced pulmonary injury in rats. Gandy J, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):51–7

Functional and morphologic changes in the lungs of guinea pigs exposed to freshly generated ultrafine zinc oxide. Lam HF, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):29–38

Biochemical indices of cyclophosphamide-induced lung toxicity. Patel JM, et al. **Toxicol Appl Pharmacol** 1984 Oct; 76(1):128–38

Pulmonary and sensory irritation of diphenylmethane-4,4'- and dicyclohexylmethane-4,4'-diisocyanate. Weyel DA, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):427–33

Modification of butylated hydroxytoluene-induced pulmonary toxicity in mice by diethyl maleate, buthionine sulfoximine, and cysteine. Mizutani T, et al. **Toxicol Lett** 1984 Dec;23(3):327–31

In vivo effects of nitrogen dioxide and ozone on xenobiotic metabolizing systems of rat lungs. Takahashi Y, et al. **Toxicol Lett** 1985 Aug;26(2–3):145–52

Lung injury induced by trichloroethylene. Forkert PG, et al. **Toxicology** 1985 May;35(2):143–60

Effect of toluidines on drug metabolizing enzymes in rat liver, kidney and lung. Gnojkowski J, et al. **Toxicology** 1984 Sep 28;32(4):335–42

Systematically applied chemicals that damage lung tissue. Kehrer JP, et al. **Toxicology** 1985 Jun 28;35(4):251–93 (334 ref.)

The accumulation of putrescine and paraquat into lung slices taken from BHT treated mice. Smith LL, et al. **Toxicology** 1983 May;27(1):1–13

Selective induction and inhibition of liver and lung cytochrome P-450-dependent monooxygenases by the PCBs mixture, Aroclor 1016. Ueng TH, et al. **Toxicology** 1985 May;35(2):83–94

Intratracheal instillation of collagen peptides induces a neutrophil influx in rat lungs. Riley DJ, et al. **Trans Assoc Am Physicians** 1984;97:290–5

Vasoactive intestinal peptide relaxes isolated strips of human bronchus, pulmonary artery, and lung parenchyma. Saga T, et al. **Trans Assoc Am Physicians** 1984;97:304–10

Relationship between pulmonary function tests and morphologic changes in the lung in bleomycin-treated patients. Piotti P, et al. **Tumori** 1984 Oct 31;70(5):439–44

Photochemical air pollution. Part II. Goldstein E, et al. **West J Med** 1985 Apr;142(4):523–31 (98 ref.)

[Lung tissue in intratracheal exposure to mine dust] Mikhaĭlova A, et al. **Probl Khig** 1984;9:112–6 (Eng. Abstr.) **(Bul)**

[Mica-induced lung damage] Zhang JY. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):132–4 (Eng. Abstr.) **(Chi)**

[Ultrastructural study of type II alveolar cell response to acute lung injury] Yang SC. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):317–22 (Eng. Abstr.) **(Chi)**

[Comparative study of the action of fenoterol and of the fenoterol-[illegible]tropium association on static pulmonary volumes a[illegible]O2] Racoveanu C, et al. **Med Interne** 1984 Oct-Dec;22(4):259–64 **(Fre)**

[Pulmonary toxicity of oxygen] Housset B. **Presse Med** 1984 Oct 20;13(37):2257–60 (Eng. Abstr.) **(Fre)**

[Leukotrienes and the lung] Leitch AG. **Rev Mal Respir** 1984; 1(6):329–36 (Eng. Abstr.) **(Fre)**

[Liposome phospholipid substitution and lung function in surfactant deprived rats] Obladen M. **Klin Padiatr** 1985 Mar-Apr;197(2):152–4 (Eng. Abstr.) **(Ger)**

[Inhalation experiments with Syrian golden hamsters: combination of chronic cigarette smoke inhalation and intratracheal installation of benzo(a)pyrene; detoxification of cigarette smoke with a charcoal filter] Zeller WJ, et al. **Prax Klin Pneumol** 1985 Mar;39(3):85–92 (Eng. Abstr.) **(Ger)**

[The adverse effects of air pollution on lung function] Perruchoud AP, et al. **Ther Umsch** 1985 May;42(5):126–31 (Eng. Abstr.) **(Ger)**

[Effect of beta adrenergic drugs on phospholipid synthesis in the human fetal lung] Zsolnai B, et al. **Zentralbl Gynakol** 1984;106(23):1509–19 (Eng. Abstr.) **(Ger)**

[Detection of oxygen lung injury by NMR method] Shioya S, et al. **Kokyu To Junkan** 1985 May;33(5):603–7 **(Jpn)**

[The effect of a high dose of vitamin E on the oxygen injured lung] Obara H, et al. **Masui** 1985 Mar;34(3):286–91 (Eng. Abstr.) **(Jpn)**

[Surfactant supplement in lung lavaged dogs] Ueda T. **Masui** 1985 Feb;34(2):194–201 (Eng. Abstr.) **(Jpn)**

[Biochemical aspects of microvascular injuries caused by various drugs with toxic effects on the lung in dogs] Nukiwa T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1072–6 (Eng. Abstr.) **(Jpn)**

[Effect of indomethacin on leukotriene-induced contractile responses in guinea pig trachea and lung parenchyma strips] Uchida Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):885–9 (Eng. Abstr.) **(Jpn)**

[Neuromediator action on surfactant system activity and the functioning area of the lung] Bazarevich GIa, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):261–3 (Eng. Abstr.) **(Rus)**

[Transplacental effect of sodium nitrite on rat lung cells with their subsequent culture in the medium with precursors of N-nitrosodimethylamine] Osin'kovskaia ND, et al. **Eksp Onkol** 1985;7(2):22–5 (Eng. Abstr.) **(Rus)**

[Biological characteristics of rat lung cells cultured in a medium with N-nitrosodimethylamine precursors] Osin'kovskaia ND, et al. **Eksp Onkol** 1984;6(6):33–7 (Eng. Abstr.) **(Rus)**

[Assessment of the maximum permissible concentration of quartz dust in the air by its experimentally established maximum permissible content in the lungs] Elovskaia LT, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):16–21 (Eng. Abstr.) **(Rus)**

[Effect of exogenous cholinesterase on the pulmonary surfactant system after massive blood loss] Zeliak VI, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):8–11 (Eng. Abstr.) **(Rus)**

[Effect of ultrasonic inhalations of antitubercular preparations on the air-blood barrier of the lung] Protsiuk RG, et al. **Probl Tuberk** 1985;(4):48–51 (Eng. Abstr.) **(Rus)**

[Transthoracic intrapulmonary administration of antibiotics with an injector in the treatment of acute pneumonia] Provotorov VM, et al. **Vestn Khir** 1985 May;134(5):36–8 (Eng. Abstr.) **(Rus)**

[Effect of influenza virus glycoproteins on the permeability of pulmonary capillaries in mice] Chuvakova ZK, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):43–6 (Eng. Abstr.) **(Rus)**

[Beta-blocking power of bunitrolol (KO 1366) in segments of rat lung] Villar A, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):27–32 (Eng. Abstr.) **(Spa)**

EMBRYOLOGY

Stimulation of lung maturity: investigation of ambroxol in various animal models. von Seefeld H, et al. **Acta Physiol Hung** 1985;65(3):305–12

Lung maturation and prevention of hyaline membrane disease. Zsolnai B, et al. **Acta Physiol Hung** 1985; 65(4):479–89

Echogenicity of fetal lung: relation to fetal age and maturity. Fried AM, et al. **AJR** 1985 Sep;145(3):591–4

Development of neuroepithelial bodies in intact and cultured lungs of fetal rats. Carabba VH, et al. **Am J Anat** 1985 May;173(1):1–27

Epithelial cell differentiation in organotypic cultures of fetal rat lung. Simpson LL, et al. **Am J Anat** 1985 Jan; 172(1):31–40

Lung hypoplasia and prolonged preterm ruptured membranes: a case report with implications for possible prenatal ultrasonic diagnosis. Callan NA, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):756–7

Purification of lamellar bodies from human amniotic fluid. Cavalieri RL, et al. **Am J Obstet Gynecol** 1984 Oct 15; 150(4):409–14

False phosphatidylglycerol with Helena Fetal Tek 200 thin-layer chromatography method for fetal lung maturity [letter] Cotton DB, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):417–9

Glucocorticoids and beta-adrenergic-receptor agonists: their combined effect on fetal rabbit lung surfactant. Ekelund L, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1063–7

What affects fetal pulmonary maturation during diabetic pregnancy? Ferroni KM, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):270–4

Laboratory and clinical evaluation of a rapid slide agglutination test for phosphatidylglycerol. Halvorsen PR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1061–6

Estrogen increases beta-adrenergic binding in the preterm fetal rabbit lung. Moawad AH, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):514–9

Fetal lung liquid regulation by neuropeptides. Ross MG, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):421–5

Fluorescence polarization values of amniotic fluid collected from the vagina after rupture of the membranes. Schneider EP, et al. **Am J Obstet Gynecol** 1985 Jul 1;152(5):572–3

Bacteria causing false positive test for phosphatidylglycerol in amniotic fluid. Schumacher RE, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1067–8

Estrogen stimulates formation of lamellar bodies and release of surfactant in the rat fetal lung. Thuresson-Klein A, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):506–14

Sensitivity and specificity of the L/S ratio in relation to gestational age. Creasy GW, et al. **Am J Perinatol** 1984 Jul;1(4):302–5 (17 ref.)

The effect of heavy maternal alcohol intake on amniotic fluid phospholipids in late pregnancy. Halvorsen PR, et al. **Am J Perinatol** 1985 Jul;2(3):173–7

Leukotriene end organ antagonists increase pulmonary blood flow in fetal lambs. Soifer SJ, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H570–6

Which amniotic fluid lung function tests and who should do them? [letter] Watson D, et al. **Ann Clin Biochem** 1984 Jul;21 (Pt 4):334–5

Developmental aspects of lung lipids. Perelman RH, et al. **Annu Rev Physiol** 1985;47:803–22 (125 ref.)

Observations of fetal lung reflectivity using real-time ultrasound. Reeves GS, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):91–4

Development of glycerophosphate acyltransferase in guinea pig lung mitochondria and microsomes. Das SK, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):423-7

Effect of cortisol on the synthesis of lamellar body glycerophospholipids in fetal rabbit lung tissue in vitro. Mendelson CR, et al. **Biochim Biophys Acta** 1985 Mar 27; 834(1):85-94

Dihydrotestosterone inhibits fibroblast-pneumonocyte factor-mediated synthesis of saturated phosphatidylcholine by fetal rat lung cells. Torday JS. **Biochim Biophys Acta** 1985 Jun 14;835(1):23-8

A model for avian lung ventilation, and the effect of accelerating stimulation in Japanese quail embryos. Morgan BJ, et al. **Biometrics** 1985 Mar;41(1):215-26

Amniotic fluid prostaglandins do not reflect human fetal lung maturation. Cvetkovic M, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):93-6

The effect of amniocentesis and drainage of amniotic fluid on lung development in Macaca fascicularis. Hislop A, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):835-42

Localization of somatostatin-, bombesin-, and serotonin-like immunoreactivity in the lung of the fetal rhesus monkey. Dayer AM, et al. **Cell Tissue Res** 1985;239(3):621-5

Increased numbers of neuroepithelial bodies (NEB) in lungs of fetal rhesus monkeys following maternal dexamethasone treatment. Dayer AM, et al. **Cell Tissue Res** 1985; 239(3):703-5

Lung maturation. Whittle MJ. **Clin Obstet Gynaecol** 1984 Aug;11(2):353-72

Autoradiographic localization of specific [3H]dexamethasone binding in fetal lung. Beer DG, et al. **Dev Biol** 1984 Oct; 105(2):351-64

Maturation of fetal rat lung in diabetic pregnancies of graduated severity. Bourbon JR, et al. **Diabetes** 1985 Aug; 34(8):734-43

Ultrastructural and immunofluorescence studies of basal-lamina alterations during mouse-lung morphogenesis. Jaskoll TF, et al. **Differentiation** 1984;28(1):36-48

Sex differences in avian embryo pulmonary surfactant production: evidence for sex chromosome involvement. Nielsen HC, et al. **Endocrinology** 1985 Jul;117(1):31-7

Delayed pulmonary maturation in the fetus of the streptozotocin-diabetic rat. Gewolb IH, et al. **Exp Lung Res** 1985;8(2-3):141-51

Glucocorticoids affect the synthesis of pulmonary fibroblast-pneumonocyte factor at a pretranslational level. Floros J, et al. **J Biol Chem** 1985 Feb 25;260(4):2265-7

Concepts of epithelial-mesenchymal interactions during development: tooth and lung organogenesis. Slavkin HC, et al. **J Cell Biochem** 1984;26(2):117-25 (39 ref.)

Androgen receptors influence the production of pulmonary surfactant in the testicular feminization mouse fetus. Nielsen HC. **J Clin Invest** 1985 Jul;76(1):177-81

Fetal breathing movements and lung maturation in the congenitally abnormal human fetus. Dornan JC, et al. **J Dev Physiol** 1984 Aug;6(4):367-75

Lack of correlation of severity of lung disease with the phosphatidylcholine concentration in fetal lung fluid from premature lambs at 133-136 days gestational age. Jobe A, et al. **J Dev Physiol** 1984 Oct;6(5):417-21

The effects of ACTH1-24 or cortisol on pulmonary maturation in the adrenalectomized ovine fetus. Liggins GC, et al. **J Dev Physiol** 1985 Apr;7(2):105-11

Lung development in the nephrectomized ovine fetus. Plopper CG, et al. **J Dev Physiol** 1984 Aug;6(4):313-27

The role of cell proliferation and cellular shape change in branching morphogenesis of the embryonic mouse lung: analysis using aphidicolin and cytochalasins. Goldin GV, et al. **J Exp Zool** 1984 Nov;232(2):287-96

Experimental pulmonary hypoplasia and oligohydramnios: relative contributions of lung fluid and fetal breathing movements. Adzick NS, et al. **J Pediatr Surg** 1984 Dec; 19(6):658-65

Effects of betamethasone and ritodrine on the fetal secretion of lung surfactant. Hallman M, et al. **J Perinat Med** 1985; 13(1):23-9

Comparison of amniotic fluid optical density, L/S ratio and creatinine concentration in predicting fetal pulmonary maturity. Darling RE, et al. **J Reprod Med** 1985 Jun; 30(6):460-4

Corticosteroid binding by fetal rat and rabbit lung in organ culture. Ballard PL, et al. **J Steroid Biochem** 1984 Aug; 21(2):117-26

Ontogeny of neuroendocrine cells in human fetal lung. I. An electron microscopic study. Stahlman MT, et al. **Lab Invest** 1984 Oct;51(4):449-63

Amniotic fluid microviscosity analysis in diabetic pregnancies: comparison with other methods of lung maturity assessment using predictive value analyses. Neufeld ND, et al. **Mt Sinai J Med (NY)** 1985 Feb; 52(2):110-5

Lung profile: sex differences in normal pregnancy. Fleisher B, et al. **Obstet Gynecol** 1985 Sep;66(3):327-30

Ultrasound screening for free-floating particles and fetal lung maturity. Mullin TJ, et al. **Obstet Gynecol** 1985 Jul; 66(1):50-4

Influence of gestational age on prediction of fetal lung maturity by fluorescence polarization of amniotic fluid. Simon NV, et al. **Obstet Gynecol** 1985 Mar;65(3):346-51

Fetal lung maturity and phospholipids. MacKenna J, et al. **Obstet Gynecol Annu** 1985;14:222-39 (50 ref.)

Comparison of the effects of betamethasone and L-carnitine on dipalmitoylphosphatidylcholine content and phosphatidylcholine species composition in fetal rat lungs. Lohninger A, et al. **Pediatr Res** 1984 Dec;18(12):1246-52

Pulmonary antioxidant enzyme maturation in the fetal and neonatal rat. II. The influence of maternal iron supplements upon fetal lung catalase activity. Tanswell AK, et al. **Pediatr Res** 1984 Sep;18(9):871-4

Effect of prenatal dexamethasone on immunoreactive 6-ketoprostaglandin F1 alpha levels in fetal rat lungs. Tsai MY, et al. **Pediatr Res** 1984 Sep;18(9):908-11

Perinatal rat lung retinol (vitamin A) and retinyl palmitate. Zachman RD, et al. **Pediatr Res** 1984 Dec;18(12):1297-9

Dexamethasone stimulation of fetal rat lung antioxidant enzyme activity in parallel with surfactant stimulation. Frank L, et al. **Pediatrics** 1985 Mar;75(3):569-74

Prediction of fetal lung maturity with ultrasound. Carson PL, et al. **Radiology** 1985 May;155(2):533

Prediction of fetal lung maturity: inaccuracy of study using conventional ultrasound instruments. Cayea PD, et al. **Radiology** 1985 May;155(2):473-5

Ultrasound prediction of fetal lung maturity. Hadlock FP, et al. **Radiology** 1985 May;155(2):469-72

Combined hormonal treatment and lung maturation. Ballard PL. **Semin Perinatol** 1984 Oct;8(4):283-92 (63 ref.)

Scanning electron microscope study of the development of the human respiratory acinus. Dilly SA. **Thorax** 1984 Oct; 39(10):733-42

Early lung development [editorial] Stovin PG. **Thorax** 1985 Jun;40(6):401-4

[Prenatal evaluation of fetal lung maturity by measuring the optical density of amniotic fluid] Mather O, et al. **Ugeskr Laeger** 1984 Nov 19;146(47):3635-7 (Eng. Abstr.) **(Dan)**

[Carnitine for the stimulation of fetal lung maturation. Clinical case report] Salzer H, et al. **Gynakol Rundsch** 1985; 25(2):72-85 **(Ger)**

[Space maintaining functions in the human embryo] Menkes B, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun; 31(2):111-4 **(Ger)**

[Relation between procoagulant activity and fetal lung maturity in amniotic fluid] Rath W, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):218-22 (Eng. Abstr.) **(Ger)**

[Prenatal assessment of fetal lung maturity by the stable microbubble method--fundamental and clinical study] Gotoh K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Feb;37(2):220-8 (Eng. Abstr.) **(Jpn)**

[Assessment of fetal lung maturity by determination of phosphatidylglycerol in human amniotic fluid] Muneshige A, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Mar; 37(3):341-8 (Eng. Abstr.) **(Jpn)**

[Pulmonary surfactant as an indicator of fetal lung maturity evaluated by physicochemical methods] Miecznikowski A, et al. **Przegl Lek** 1984;41(6):429-31 (Eng. Abstr.) **(Pol)**

[Morphogenetic characteristics of the aggregates formed in epithelial and mesenchymal recombinations of the lungs from intact and urethane-exposed mouse embryos] Kolesnichenko TS, et al. **Biull Eksp Biol Med** 1985 Jan; 99(1):97-9 (Eng. Abstr.) **(Rus)**

[Characteristics of the proliferative activity of the aggregates forming during recombination of the epithelium and mesenchyma of embryonic lungs from intact and carcinogen-treated mice] Kolesnichenko TS, et al. **Ontogenez** 1984 Sep-Oct;15(5):522-8 (Eng. Abstr.) **(Rus)**

[The Clements test: its correlation with the lecithin/sphingomyelin ratio, precipitable lecithin and phosphatidylglycerol] Iglesias Benavides JL, et al. **Ginecol Obstet Mex** 1985 Jan;53(333):15-9 (Eng. Abstr.) **(Spa)**

[Clinical use of phospholipid determination in amniotic fluid] Lowenberg Favela E, et al. **Ginecol Obstet Mex** 1984 May; 52(325):111-9 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Maturation of the fetal lung III. Effect of transplacental TRH and 2'-thiourea treatment on phosphatidic acid phosphatase and pyruvate kinase activity in rat lung. Kerepesi T, et al. **Acta Paediatr Hung** 1984;25(3):255-61

Biochemical and pathologic evidence for proteolytic destruction of lung connective tissue in cystic fibrosis. Bruce MC, et al. **Am Rev Respir Dis** 1985 Sep;132(3):529-35

Pulmonary elastase activity in response to Streptococcus pneumoniae and Pseudomonas aeruginosa. Melby K, et al. **Am Rev Respir Dis** 1985 Apr;131(4):559-63

Immunoglobulin E-mediated release of a kininogenase from purified human lung mast cells. Proud D, et al. **Am Rev Respir Dis** 1985 Aug;132(2):405-8

Demonstration of a free elastolytic metalloenzyme in human lung lavage fluid and its relationship to alpha1-antiprotease [letter] Stockley RA, et al. **Am Rev Respir Dis** 1985 Jan; 131(1):185-6

Stimulation of poly(ADP-ribose) synthetase activity in the lungs of mice exposed to a low level of ozone. Hussain MZ, et al. **Arch Biochem Biophys** 1985 Sep;241(2):477-85

Catalytic activity and substrate specificity of the flavin-containing monooxygenase in microsomal systems: characterization of the hepatic, pulmonary and renal enzymes of the mouse, rabbit, and rat. Tynes RE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):77-93

Remarkable substrate-inhibitor properties of nicotine enantiomers towards a guinea pig lung aromatic azaheterocycle N-methyltransferase. Cundy KC, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):312-6

Differences in the occurrence of glutathione transferase isoenzymes in rat lung and liver. Robertson IG, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):80-6

Inhibition of guanylate cyclases by methylxanthines and papaverine. Strinden ST, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1194-200

Identification of distinct hepatic and pulmonary forms of microsomal flavin-containing monooxygenase in the mouse and rabbit. Tynes RE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1069-75

Rabbit lung flavin-containing monooxygenase is immunochemically and catalytically distinct from the liver enzyme. Williams DE, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):116-22

Two immunologically distinct Yc-type subunits are present in rat lung glutathione S-transferases. Singh SV, et al. **Biochem J** 1984 Nov 15;224(1):335-8

Drug metabolism in man and its relationship to that in three rodent species: monooxygenase, epoxide hydrolase, and glutathione S-transferase activities in subcellular fractions of lung and liver. Lorenz J, et al. **Biochem Med** 1984 Aug; 32(1):43-56

Comparison of kidney, lung and liver coumarin 7-hydroxylases in phenobarbital pretreated DBA/2J and C57BL/6J mice. Kaipainen P, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1987-91

Prolonged activation of rat lung ornithine decarboxylase in monocrotaline-induced pulmonary hypertension. Olson JW, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3633-7

Guanosine cyclic 3',5'-phosphate dependent protein kinase, a chimeric protein homologous with two separate protein families. Takio K, et al. **Biochemistry** 1984 Aug 28; 23(18):4207-18

Stimulation of cholinephosphate cytidylyltransferase activity by estrogen in fetal rabbit lung is mediated by phospholipids. Chu AJ, et al. **Biochim Biophys Acta** 1985 May 17;834(3):346-56

Developmental differences in activation of cholinephosphate cytidylyltransferase by lipids in rabbit lung cytosol. Chu AJ, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):132-40

Acyltransferase activities in adult rat type II pneumocyte-derived subcellular fractions. Crecelius CA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):238-46

A study of the molecular species of diacylglycerol, phosphatidylcholine and phosphatidylethanolamine and of cholinephosphotransferase and ethanolaminephosphotransferase activities in the type II pneumocyte. Crecelius CA, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):247-56

Evidence for the existence of multiple forms of choline (ethanolamine) kinase in rat tissues. Ishidate K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):1-8

Activity and isoenzyme patterns of glycolytic enzymes during perinatal development of rat lung. Rijksen G, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):114-21

Thermal denaturation of rat pulmonary and testicular angiotensin-converting enzyme isozymes. Effects of chelators and CoCl2. Velletri PA, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):71-82

The role of Mg2+-dependent phosphatidate phosphohydrolase in pulmonary glycerolipid biosynthesis. Walton PA, et al. **Biochim Biophys Acta** 1984 Dec 6; 796(3):364-72

Bronchodilator-mediated relaxation of normal and ovalbumin-sensitized guinea-pig airways: lack of correlation with lung adenylate cyclase activation. Burka JF, et al. **Br J Pharmacol** 1984 Nov;83(3):645-55

Effect of intratracheal administration of DDT and endosulfan on cytochrome P-450 and glutathione-s-transferase in lung and liver of rats. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):55-62

delta-Aminolevulinic acid synthetase and heme oxygenase activity in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):24-8

Pindolol decreases plasma angiotensin converting enzyme activity in young spontaneously hypertensive rats. Niwa M, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1765-8

Development of angiotensin converting enzyme in fetal lung and placenta of the rat and human. Sim MK, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):497-501

Production of monoclonal antibodies to rat lung angiotensin-converting enzyme. Moore MG, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):301-12

Effects of superoxide anions on the (Na + K)ATPase system in rat lung. Das DK, et al. **Clin Physiol Biochem** 1984; 2(1):32-8

Characterization of sheep liver and lung microsomal ethylmorphine N-demethylase. Arinç E. **Comp Biochem Physiol [B]** 1985;80(2):389-99

Lysyl oxidase activity in lungs of copper-deficient hamsters. Soskel NT, et al. **Connect Tissue Res** 1985;13(2):127-33

Selective inactivation of rat lung and liver microsomal NADPH-cytochrome c reductase by acrolein. Patel JM, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):460-3

Aging selectively alters glutathione S-transferase isozyme concentrations in liver and lung cytosol. Spearman ME, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):661-71

Tartrate-resistant acid phosphatase of human lung: apparent identity with osteoclastic acid phosphatase. Efstratiadis T, et al. **Enzyme** 1985;33(1):34-40

Alkaline phosphatase, gamma-glutamyl transferase, lactate dehydrogenase and creatine kinase in bronchial aspirate from neoplastic and normal pulmonary tissue. Ruiz-Moral R, et al. **Enzyme** 1985;33(2):105-8

Binding of benzo(a)pyrene to rat lung glutathione S-transferases in vivo. Singh SV, et al. **FEBS Lett** 1985 Jan 1;179(1):111-4

Changes in L-ornithine decarboxylase activity in regenerating lung lobes. Tatár-Kiss S, et al. **FEBS Lett** 1984 Sep 17;175(1):131-4

Effect of cigarette smoke inhalation on certain pulmonary and hepatic drug metabolizing enzymes in rat and mouse. Khanduja KL, et al. **Indian J Exp Biol** 1985 Jan;23(1):51-4

Effect of intratracheally instilled benzo (a) pyrene on the pulmonary & hepatic protective enzymes in normal & vitamin A deficient rats. Dogra SC, et al. **Indian J Med Res** 1985 May;81:520-4

Rat lung glutathione S-transferases: subunit structure and the interrelationship with the liver enzymes. Partridge CA, et al. **Int J Biochem** 1985;17(3):331-40

Mechanism of the reaction catalyzed by acyl-CoA: lysolecithin acyltransferase from rabbit lung. pH studies and chemical modification. Estrada P, et al. **Int J Pept Protein Res** 1985 May;25(5):534-41

Kinetics of pulmonary angiotensin-converting enzyme and 5'-nucleotidase in vivo. Catravas JD, et al. **J Appl Physiol** 1984 Oct;57(4):1173-81

Kinetics of pulmonary angiotensin-converting enzyme activity in conscious developing lambs. Pitt BR, et al. **J Appl Physiol** 1984 Oct;57(4):1158-66

Arylsulfatase a from normal human lung and lung tumors showed different patterns of microheterogeneity. Nakamura M, et al. **J Biochem (Tokyo)** 1984 Jul; 96(1):207-13

Purification of angiotensin-converting enzyme from rabbit lung and human plasma by affinity chromatography. Bull HG, et al. **J Biol Chem** 1985 Mar 10;260(5):2963-72

Inhibition of rabbit lung angiotensin-converting enzyme by N alpha-[(S)-1-carboxy-3-phenylpropyl]L-alanyl-L-proline and N alpha-[(S)-1-carboxy-3-phenylpropyl]L-lysyl-L-proline. Bull HG, et al. **J Biol Chem** 1985 Mar 10;260(5):2952-62

Enzymatic formation of prostaglandin F2 alpha from prostaglandin H2 and D2. Purification and properties of prostaglandin F synthetase from bovine lung. Watanabe K, et al. **J Biol Chem** 1985 Jun 10;260(11):7035-41

A prostaglandin omega-hydroxylase cytochrome P-450 (P-450PG-omega) purified from lungs of pregnant rabbits. Williams DE, et al. **J Biol Chem** 1984 Dec 10; 259(23):14600-8

Cytochemical localization and biochemical evaluation of a lysosomal serine protease in lung: dipeptidyl peptidase II in the normal rat. Randell SH, et al. **J Histochem Cytochem** 1985 Jul;33(7):677-86

Myeloperoxidase-induced inactivation of alpha 1-antiprotease in hamsters. Zaslow MC, et al. **J Lab Clin Med** 1985 Feb;105(2):178-84

Apparent kinetics of angiotensin converting enzyme: hydrolysis of [3H]benzoyl-phenylalanyl-alanyl-proline in the isolated perfused lung. Ashton JH, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):602-7

Bleomycin hydrolase activity in pulmonary cells. Lazo JS, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):583-8

Kinetics of captopril- and enalapril-induced inhibition of pulmonary angiotensin converting enzyme in vivo. Moalli R, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):372-7

Selective inhibition by chloramphenicol of cytochrome P-450 isozymes in rat lung and liver involved in the hydroxylation of n-hexane. Näslund BM, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):16-22

Investigation of factors influencing 11 beta-hydroxysteroid dehydrogenase (EC 1.1.1.146) activity in midgestational human fetal lung monolayer and explant cultures. Abramovitz M, et al. **J Steroid Biochem** 1984 Dec; 21(6):677-83

Chronic inhalation of diesel exhaust and coal dust: effect of age and exposure on selected enzyme activities associated with microsomal cytochrome P-450 in rat lung and liver. Rabovsky J, et al. **J Toxicol Environ Health** 1984; 14(5-6):655-66

Immunochemical localization of glutathione S-transferases in rat lung. Awasthi YC, et al. **Lung** 1984;162(5):305-13

Dipeptidyl peptidase IV in mammalian lungs. Křepela E, et al. **Lung** 1985;163(1):33-54

Effect of lipids on activity and conformation of lysolecithin:lysolecithin acyltransferase from rabbit lung. Casals C, et al. **Mol Cell Biochem** 1984 Aug;63(1):13-20

The development of antioxidant enzymatic defense in the perinatal rat lung: activities of superoxide dismutase, glutathione peroxidase, and catalase. Gerdin E, et al. **Pediatr Res** 1985 Jul;19(7):687-91

Pulmonary cytochromes P-450 from rabbits treated with phenobarbital. Ueng TH, et al. **Pharmacology** 1985; 31(1):40-9

Lung angiotensin converting enzyme activity in chronically hypoxic rats. Kay JM, et al. **Thorax** 1985 Aug;40(8):587-91

Differential inhibition of platelet thromboxane and lung prostacyclin production by sulphinpyrazone, acetylsalicylic acid and indomethacin by human tissues in vitro. Toivanen J, et al. **Thromb Res** 1985 Feb 15;37(4):493-502

Genetic and environmental regulation of aryl hydrocarbon hydroxylase in man: studies with liver, lung, placenta, and lymphocytes. Pelkonen O, et al. **Toxicol Pathol** 1984; 12(3):256-60

[Immunohistochemical findings in intrathoracic tumors. V. Isoenzymes of nonspecific esterases in lung tissue and bronchial cancers] Eckert H. **Z Erkr Atmungsorgane** 1984; 163(3):256-63 (Eng. Abstr.) **(Ger)**

[Change of lung lavage levels of angiotensin converting enzyme activity in mice with BCG-induced granulomatous pulmonary inflammation] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):474-8 (Eng. Abstr.) **(Jpn)**

[Changes of lysosomal enzyme activities in experimental type I and type IV allergic models] Inoue H, et al. **Nippon Yakurigaku Zasshi** 1985 Feb;85(2):91-5 (Eng. Abstr.) **(Jpn)**

[Enzymological properties of rat testicular angiotensin I-converting enzyme: comparison with rat pulmonary enzyme] Yamaguchi T, et al. **Yakugaku Zasshi** 1985 May; 105(5):491-8 (Eng. Abstr.) **(Jpn)**

[Changes in the properties of adenylate cyclase from guinea pig lungs in tuberculosis] Bortnik MS, et al. **Biokhimiia** 1985 Apr;50(4):589-94 (Eng. Abstr.) **(Rus)**

[Histoenzymatic changes in the lungs of albino rats after exposure to sandy shale dust] Iulish NR, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):21-4 (Eng. Abstr.) **(Rus)**

[Proteolytic enzymes and their inhibitors in the development of destructive processes in lung diseases] Kubyshkin AV. **Sov Med** 1984;(9):42-6 (60 ref.) **(Rus)**

[Emphysema--the result of the proteolytic digestion of pulmonary tissue] Eriksson S. **Lakartidningen** 1984 Oct 3; 81(40):3612-5 **(Swe)**

GROWTH & DEVELOPMENT

The effects of intermittent starvation on lung development in suckling rats. Das RM. **Am J Pathol** 1984 Nov; 117(2):326-32

Effects of prior adrenalectomy on postpneumonectomy lung growth in the rat. Bennett RA, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E70-4

Lung growth in response to unilateral pneumonectomy in rapidly growing rats. Watkins CA, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):E162-9

Aspiration hazards to the developing lung. Respiratory-gastrointestinal system interaction. (From a conference held February 20-22, 1984, Daytona Beach, Florida). **Am Rev Respir Dis** 1985 May;131(5):S1-66

Lung growth and development in anencephaly and hydranencephaly. Cooney TP, et al. **Am Rev Respir Dis** 1985 Sep;132(3):596-601

Nutritional emphysema in the rat. Influence of protein depletion and impaired lung growth. Kerr JS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):644-50

Perinatal age determines the severity of retarded lung development induced by starvation. Lechner AJ. **Am Rev Respir Dis** 1985 Apr;131(4):638-43

Distribution of secretory component and immunoglobulins in the developing lung. Takemura T, et al. **Am Rev Respir Dis** 1985 Jan;131(1):125-30

The development of the osmiophilic inclusion bodies within the granular pneumocyte of chicken lung. López J, et al. **Anat Rec** 1984 Dec;210(4):597-602

Morphometry of postnatal development in the porcine lung. Winkler GC, et al. **Anat Rec** 1985 Apr;211(4):427-33

Developmental changes in molecular species of phosphatidic acid in rat lung and liver during the perinatal stage. Kato H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):262-8

The role of lung development in the age-related susceptibility of ferrets to influenza virus. Coates DM, et al. **Br J Exp Pathol** 1984 Oct;65(5):543-7

The lung in growth and ageing. 19th annual congress of the European Society for Clinical Respiratory Physiology (SEPCR). The Hague, 24-28 June 1985. Abstracts. **Bull Eur Physiopathol Respir** 1985;21 Suppl:1-95

Localization of pulmonary surfactant protein during mouse lung development. Jaskoll TF, et al. **Dev Biol** 1984 Nov; 106(1):256-61

Oxidative metabolism of neonatal and adult rabbit lung macrophages stimulated with opsonized group B streptococci. Sherman MP, et al. **Infect Immun** 1985 Jan; 47(1):26-30

Dynamic lung function in dogs with compensatory lung growth. Arnup ME, et al. **J Appl Physiol** 1984 Nov; 57(5):1569-76

Postpneumonectomy airway growth in the ferret. McBride JT. **J Appl Physiol** 1985 Mar;58(3):1010-4

Ontogeny of neuroendocrine cells in human fetal lung. II. An immunohistochemical study. Stahlman MT, et al. **Lab Invest** 1985 Jan;52(1):52-60

Functional assessment of the pulmonary microcirculation during postnatal development. Lister G, et al. **Pediatr Pharmacol (New York)** 1984;4(2):85-99

Fetal lung development in the diabetic pregnancy. Bourbon JR, et al. **Pediatr Res** 1985 Mar;19(3):253-67 (285 ref.)

The responses of glutathione and antioxidant enzymes to hyperoxia in developing lung. Warshaw JB, et al. **Pediatr Res** 1985 Aug;19(8):819-23

Conference report: cell-to-cell interactions in the developing lung. Report of a conference held 3-5 June 1984. Ryan U, et al. **Tissue Cell** 1984;16(6):829-41

[Pulmonary function as an indicator of lung growth in patients with pituitary nanism] Zapletal A, et al. **Cesk Pediatr** 1985 May;40(5):267-72 (Eng. Abstr.) **(Cze)**

IMMUNOLOGY

Immune stimulated regional inflammatory responses mediating lung reactivity in rats. Ahlstedt S, et al. **Allergy** 1985 May;40(4):282-8

Detection of viral and chlamydial antigens in open-lung biopsy specimens. Gleaves CA, et al. **Am J Clin Pathol** 1985 Mar;83(3):371-4

Effect of age on antibody responses after lung immunization. Bice DE, et al. **Am Rev Respir Dis** 1985 Sep;132(3):661-5

Local pulmonary immune responsiveness after multiple antigenic exposures in the cynomolgus monkey. Mason MJ, et al. **Am Rev Respir Dis** 1985 Sep;132(3):657-60

Aminophylline-induced suppression of pulmonary antibacterial defenses. Nelson S, et al. **Am Rev Respir Dis** 1985 Jun;131(6):923-7

Smooth muscle contraction and release of histamine and slow-reacting substance of anaphylaxis in pulmonary tissues isolated from guinea pigs passively sensitized with IgG1 or IgE antibodies. Undem BJ, et al. **Am Rev Respir Dis** 1985 Feb;131(2):260-6

Further studies on the differences in cytotoxicity of human peripheral blood monocytes and bronchoalveolar macrophages for cultured human lung cells. Swinburne S, et al. **Cancer Immunol Immunother** 1985;19(1):62-7

Specificity and duration of post-inflammatory suppression in rabbit lungs challenged with aerosolized antigen. Calvanico NJ, et al. **Clin Exp Immunol** 1985 Feb; 59(2):336-42

Pulmonary and systemic immunoregulatory changes during the development of experimental asbestosis. Rola-Pleszczynski M, et al. **Clin Exp Immunol** 1984 Nov; 58(2):325-34

Stimulatory effect of Propionibacterium granulosum KP-45, glucan and pyran copolymer on the activity of natural killer (NK) cells in murine lungs. Janiak M, et al. **Immunobiology** 1984 Oct;167(4):328-37

Lung localization of antibody-forming cells stimulated in distant peripheral lymph nodes. Hillam RP, et al. **Immunology** 1985 Jun;55(2):257-61

Effect of systemic immunization on pulmonary clearance of Haemophilus influenzae type b. Toews GB, et al. **Infect Immun** 1985 May;48(2):343-9

Immunopathology and immunopharmacology of the lung. Advanced course at the Alessandro Volta Center, Como, Italy, May 31-June 2, 1984. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:1-128

Mediator release from human basophils and mast cells from lung and intestinal mucosa. Fox CC, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):130-6 (43 ref.)

Relationship between mediator release from human lung mast cells in vitro and in vivo. Holgate ST, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):47-56 (56 ref.)

Enhanced lung clearance of antigen in immunised mice. Taylor FG, et al. **Int Arch Allergy Appl Immunol** 1985; 76(3):243-50

Characterization of mononuclear phagocyte subpopulations in the human lung by using monoclonal antibodies: changes in alveolar macrophage phenotype associated with pulmonary sarcoidosis. Hance AJ, et al. **J Immunol** 1985 Jan;134(1):284-92

Isolation of an antibacterial peptide from human lung lavage fluid. Ellison RT 3d, et al. **J Infect Dis** 1985 Jun; 151(6):1123-9

Digoxin disrupts the inflammatory response in experimental pneumococcal pneumonia. Esposito AL. **J Infect Dis** 1985 Jul;152(1):14-23

Local and peripheral cell-mediated immune response to influenza virus in mice. Shapira-Nahor O, et al. **J Med Virol** 1985 Jan;15(1):81-91

Multinucleate giant cells in murine and rat lungs during Nippostrongylus brasiliensis infections. A study of the kinetics of the response in vivo, cytochemistry, IgG- and C3-mediated functions. Egwang TG, et al. **Parasite Immunol** 1985 Jan;7(1):11-8

Stimulation of paraspecific defence mechanisms in the respiratory tract by inhalation of a bacterial lysate. Bergmann KC, et al. **Prax Klin Pneumol** 1985 Apr; 39(4):127-9

Effect of indomethacin on airway contraction and the release of LTC4-like material. Burka JF. **Prostaglandins** 1985 Apr; 29(4):529-35

Identification of leukotriene D4 specific binding sites in the membrane preparation isolated from guinea pig lung. Mong S, et al. **Prostaglandins** 1984 Dec;28(6):805-22

Effect of aerosol challenge on a population of free lung cells in parenterally immunised calves. Taylor FG, et al. **Res Vet Sci** 1985 Mar;38(2):243-5

A possible pathogenetic role of cationic proteins (CP) released by stored granulocytes in the development of pulmonary infiltrates after granulocyte transfusions. Campana D, et al. **Scand J Haematol** 1985 Jan;34(1):29-34

Immunohistological analysis of lung tissue from patients with cryptogenic fibrosing alveolitis suggesting local expression of immune hypersensitivity. Campbell DA, et al. **Thorax** 1985 Jun;40(6):405-11

Effects of toluene inhalation on pulmonary host defenses of mice. Aranyi C, et al. **Toxicol Lett** 1985 Apr;25(1):103-10

[Non-specific influx of cytotoxic T cells into influenza virus-infected lungs of mice] Zhang YH, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;

7(1):37-40 (Eng. Abstr.) **(Chi)**

[Enhancement of antimicrobial defense activities of immunoglobulins in the lung] Kameoka Y, et al. **Kansenshogaku Zasshi** 1984 Nov;58(11):1139-43 (Eng. Abstr.) **(Jpn)**

[Measurement of leukotrienes in sensitized guinea pig lung perfusate after antigen challenge by high performance liquid chromatography (HPLC)] Ishihara Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):199-203 (Eng. Abstr.) **(Jpn)**

[Effect of histamine and leukotriene on the regulatory mechanism of chemical mediator release from passively sensitized guinea pig lung tissue] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):81-5 (Eng. Abstr.) **(Jpn)**

[Evaluation of the immune reactivity of bronchial asthma patients] Andriukin AA, et al. **Klin Med (Mosk)** 1984 Dec; 62(12):37-40 **(Rus)**

[Effect of the preliminary administration of homologous lung antigen on the fixation of fungal antigen in rabbit organs] Brysin VG, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct; (5):67-72 (Eng. Abstr.) **(Rus)**

[Immunobiology of the lower respiratory tree] Sepúlveda R. **Rev Med Chil** 1984 Sep;112(9):951-7 (Eng. Abstr.) **(Spa)**

INJURIES

Mediators of lung injury in mice following systemic activation of complement. Tvedten HW, et al. **Am J Pathol** 1985 Apr;119(1):92-100

Radiographic clues to chest tube perforation of neonatal lung. Bowen AD, et al. **Am J Perinatol** 1985 Jan;2(1):43-5

Leukotriene inhibitors attenuate rat lung injury induced by hydrogen peroxide. Burghuber OC, et al. **Am Rev Respir Dis** 1985 May;131(5):778-85

Reduction of neutrophil-mediated injury to pulmonary endothelial cells by dapsone. Martin WJ 2d, et al. **Am Rev Respir Dis** 1985 Apr;131(4):544-7

Lung parenchymal injury induced by bleomycin. Moseley PL, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1082-6

Cerebral and cardiopulmonary responses to high-frequency jet ventilation and conventional mechanical ventilation in a model of brain and lung injury. Shuptrine JR, et al. **Anesth Analg** 1984 Dec;63(12):1065-70

A review of the use of corticosteroids in the management of pulmonary injuries and insults. Robertson C. **Arch Emerg Med** 1985 Jun;2(2):59-65 (49 ref.)

The influence of clothing on human intrathoracic pressure during airblast. Young AJ, et al. **Aviat Space Environ Med** 1985 Jan;56(1):49-53

Correlation between pulmonary injuries and DIC: an experimental analysis. Kazama M, et al. **Bibl Haematol** 1983;(49):107-22

Blast injury of the lungs due to lightning. Moulson AM. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1270-1

Biochemical pathways of acute lung injury. Lamy M, et al. **Bull Eur Physiopathol Respir** 1985 May-Jun;21(3):221-9

Pleuropulmonary complications of enteral tube feedings. Two reports, review of the literature, and recommendations. Miller KS, et al. **Chest** 1985 Aug; 88(2):230-3 (12 ref.)

Pulmonary parenchymal injuries. Tomlanovich MC. **Emerg Med Clin North Am** 1983 Aug;1(2):379-92 (70 ref.)

Spindle cell sarcoma mimicking traumatic lung cysts. Thorvinger B, et al. **Eur J Radiol** 1985 May;5(2):152-3

Metabolites of arachidonic acid in experimental lung vascular injury. Brigham KL. **Fed Proc** 1985 Jan;44(1 Pt 1):43-5 (19 ref.)

Arachidonate cyclooxygenase metabolites as mediators of complement-initiated lung injury. Gee MH, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):46-52 (17 ref.)

Thoracic wall and pulmonary trauma in dogs sustaining fractures as a result of motor vehicle accidents. Spackman CJ, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):975-7

Prevention of granulocyte-mediated oxidant lung injury in rats by a hydroxyl radical scavenger, dimethylthiourea. Fox RB. **J Clin Invest** 1984 Oct;74(4):1456-64

Pulmonary and aortic punctures--complications of an attempt at internal jugular venipuncture. Iserson KV, et al. **J Emerg Med** 1984;1(3):227-31

Blunt chest trauma in children. Levine SD, et al. **J La State Med Soc** 1985 May;137(5):54-8

Comparison of conventional mechanical ventilation and synchronous independent lung ventilation (SILV) in the treatment of unilateral lung injury. Hurst JM, et al. **J Trauma** 1985 Aug;25(8):766-70

Traumatic pulmonary pseudocysts and paramediastinal air cyst: two rare complications of blunt chest trauma. Stulz P, et al. **J Trauma** 1984 Sep;24(9):850-3

Tandem seat belt [letter] Douglas JR. **Med J Aust** 1985 Feb 4;142(3):235-6

The influence of airway pressure on lung injury resulting from airblast. Young AJ, et al. **Milit Med** 1985 Jan; 150(1):31-3

Injuries to the bronchi and lungs caused by laser-ignited endotracheal tube fires. Duncavage JA, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):639-43

Lung perforation by chest tubes in the neonate. Machin GA. **Pediatr Pathol** 1984;2(1):103-14

Pulmonary rupture caused a rapid decompression of a post-lobectomy pneumothorax [letter] Knott-Craig CJ, et al. **S Afr Med J** 1985 Aug 17;68(4):211-2

Anaesthesia for a patient injured in a landmine explosion. A case report. van Achterbergh SM. **S Afr Med J** 1985 May 25;67(21):858-9

[Chest x-ray of severe steam burns of the respiratory tract] Wang TY. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May; 18(2):148-9 **(Chi)**

[Medical aspects of diving accidents] Mulder JW, et al. **Ned Tijdschr Geneeskd** 1985 Jun 29;129(26):1222-5 **(Dut)**

[Pulmonary contusions: 49 cases] Fourrier F, et al. **LARC Med** 1984 Nov;4(9):525-30 **(Fre)**

[Inhalation injury of the lung] Prien T. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):161-7 (Eng. Abstr.) **(Ger)**

[Pleuropulmonary injuries] Glinz W. **Chirurg** 1985 Mar; 56(3):129-35 **(Ger)**

[Functional studies in blunt thoracic trauma with special reference to perfusion and ventilation scintigraphy] Merkle P, et al. **Chirurg** 1985 Mar;56(3):147-50 (Eng. Abstr.) **(Ger)**

[Experiences in the therapy of lung contusions. Retrospective study of 424 patients] Ueker RA. **Zentralbl Chir** 1985; 110(14):849-56 (Eng. Abstr.) **(Ger)**

[Surgical tactics in gunshot foreign bodies of long duration in the lungs] Muromskii IuA, et al. **Khirurgiia (Mosk)** 1985 May;(5):85-9 (Eng. Abstr.) **(Rus)**

INNERVATION

Endogenous opiates and cardiopulmonary function. LaGamma EF. **Adv Pediatr** 1984;31:1-41

A light and fluorescence cytochemical and electron microscopic study of granule-containing cells in the intrapulmonary ganglia of Pseudemys scripta elegans. Scheuermann DW, et al. **Am J Anat** 1984 Dec; 171(4):377-99

The effect of N-nitrosobis(2-hydroxypropyl)amine on pulmonary neuroepithelial cells in Syrian golden hamsters. Tateishi R, et al. **Am J Pathol** 1985 May;119(2):326-35

Lower respiratory tract afferents stimulated by inhaled irritants. Coleridge JC, et al. **Am Rev Respir Dis** 1985 May; 131(5):S51-4

Muscarinic inhibitory receptors in pulmonary parasympathetic nerves in the guinea-pig. Fryer AD, et al. **Br J Pharmacol** 1984 Dec;83(4):973-8

Noxious cardiac input onto neurons in medullary reticular formation. Blair RW. **Brain Res** 1985 Feb 11;326(2):335-46

Vagal expiratory afferent discharges during spontaneous breathing. Wei JY, et al. **Brain Res** 1985 Jun 3;335(2):213-9

Axonal branching of canine sympathetic postganglionic cardiopulmonary neurons. A retrograde fluorescent labeling study. Tomney PA, et al. **Brain Res Bull** 1985 May;14(5):443-52

Physiological studies of small mediastinal ganglia in the cardiopulmonary nerves of dogs. Armour JA. **Can J Physiol Pharmacol** 1984 Sep;62(9):1244-8

Quantitation of pulmonary neuroepithelial bodies in pre- and postnatal rabbits. Redick ML, et al. **Cell Tissue Res** 1984; 238(3):583-7

Vagal chemoreflex coronary vasodilation evoked by stimulating pulmonary C-fibers in dogs. Clozel JP, et al. **Circ Res** 1985 Sep;57(3):450-60

Local vagal responses in the lung periphery. Gertner A, et al. **J Appl Physiol** 1984 Oct;57(4):1079-88

Cigarette smoke-induced bronchoconstriction in dogs: vagal and extravagal mechanisms. Hartiala J, et al. **J Appl Physiol** 1984 Oct;57(4):1261-70

Mechanical impedance as determinant of inspiratory neural drive during exercise in humans. Hussain SN, et al. **J Appl Physiol** 1985 Aug;59(2):365-75

Pulmonary C-fibers reflexly increase secretion by tracheal submucosal glands in dogs. Schultz HD, et al. **J Appl Physiol** 1985 Mar;58(3):907-10

Inspiratory airway CO2 loading in the pony. Shirer HW, et al. **J Appl Physiol** 1984 Oct;57(4):1097-103

Central and local cholinergic components of histamine-induced bronchoconstriction in dogs. Shore SA, et al. **J Appl Physiol** 1985 Feb;58(2):443-51

Reticular formation of the lower brainstem. A common system for cardio-respiratory and somatomotor functions. Considerations aided by computer simulations. Lambertz M, et al. **J Auton Nerv Syst** 1985 Jan;12(1):63-75

Reticular formation of the lower brainstem. A common system for cardio-respiratory and somatomotor functions. Cross-correlation analysis of discharge patterns of neighbouring neurones. Schulz G, et al. **J Auton Nerv Syst** 1985 Jan;12(1):35-62

Innervation of rabbit intrapulmonary neuroepithelial bodies. Quantitative and qualitative ultrastructural study after vagotomy. Lauweryns JM, et al. **J Neurol Sci** 1985 Jan 67(1):81-92

Monosynaptic excitation of dorsal medullary respiratory neurons by slowly adapting pulmonary stretch receptors. Averill DB, et al. **J Neurophysiol** 1984 Oct;52(4):771-85

Raphe magnus inhibition of feline T1-T4 spinoreticular tract cell responses to visceral and somatic inputs. Chapman CD, et al. **J Neurophysiol** 1985 Mar;53(3):773-85

Contribution of cardiopulmonary nerves and blood PaCO2 to the coronary flow in a dog heart-lung preparation. Ishikawa N, et al. **Jpn J Pharmacol** 1984 Aug;35(4):457-60

The effects of tetrodotoxin, papaverine and verapamil on the increase in the rate of spontaneous afferent discharges induced by local anesthetics from the pulmonary mechanoreceptors of the bullfrog. Kontani H, et al. **Jpn J Pharmacol** 1985 Jan;37(1):1-12

Effects of changes in tidal volume on avian intrapulmonary chemoreceptor discharge. Gleeson M. **Respir Physiol** 1985 Jul;61(1):95-104

Ultrastructural alteration of intrapulmonary nerves after exposure to organic solvents. A contribution to 'sniffers disease'. Schmidt R, et al. **Respiration** 1984;46(4):362-9

[Neuroepithelial bodies--hypothetical intrapulmonary chemoreceptors] Siegel A. **Pneumonol Pol** 1985 Mar; 53(3):156-62 (32 ref.) **(Pol)**

[Changes in systemic and pulmonary hemodynamics during an increase in lung volume] Danilov LN. **Fiziol Zh SSSR** 1985 May;71(5):593-8 (Eng. Abstr.) **(Rus)**

[Partial denervation of the lungs in bronchial asthma] Babichev SI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):31-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Effects of mechanical ventilation and halothane on pulmonary serotonin removal in dogs. Tarkka M. **Acta Anaesthesiol Scand** 1985 Apr;29(3):300-2

Significance of changes in lung water in the traumatized patient. Risberg B, et al. **Acta Chir Scand [Suppl]** 1985; 522:331-63 (82 ref.)

Carbon monoxide is not responsible for the cigarette smoke-induced changes in the pulmonary metabolism of arachidonic acid and prostaglandin E2. Männistö J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Mar;56(3):265-8

Arachidonic acid metabolites in the healthy and diseased lung. Newman JH, et al. **Am J Med Sci** 1984 Sep; 288(2):75-80 (61 ref.)

Incorporation of glucose carbons into rat lung lipids after exposure to 0.6 ppm ozone. Bassett DJ, et al. **Am J Physiol** 1985 May;248(5 Pt 1):E553-9

Specific binding of serotonin in rat lung. Das DK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E58-63

Release of natriuretic factor from rat heart-lung preparation by atrial distension. Dietz JR. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1093-6

Energy dependence of lung phosphatidylcholine biosynthesis studied with CO hypoxia. Fisher AB, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E89-93

Effect of high doses of aspirin on pulmonary hemodynamics and lung water. Maron MB. **Am J Physiol** 1985 Feb;248(2 Pt 2):H225-31

Carrier-mediated uptake of methylglyoxal bis(guanylhydrazone) by rat lungs perfused in situ. Rannels DE, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):E292-8

Synthesis and binding of lactose-specific lectin by isolated lung cells. Whitney P, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C258-64

Prevention by zinc of rat lung collagen accumulation in carbon tetrachloride injury. Anttinen H, et al. **Am Rev Respir Dis** 1985 Sep;132(3):536-40

Bleomycin-induced lung injury in the rabbit. Analysis and correlation of bronchoalveolar lavage, morphometrics, and fibroblast stimulating activity. Bigby TD, et al. **Am Rev Respir Dis** 1985 Sep;132(3):590-5

Lung asbestos content in chrysotile workers with mesothelioma. Churg A, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1042-5

Simultaneous measurement of serotonin and propranolol pulmonary extraction in patients after extracorporeal circulation and surgery. Dargent F, et al. **Am Rev Respir Dis** 1985 Feb;131(2):242-5

Radioaerosol lung clearance in patients with active pulmonary sarcoidosis. Jacobs MP, et al. **Am Rev Respir Dis** 1985 May;131(5):687-9

Neutral metalloendopeptidase in human lung tissue and cultured cells. Johnson AR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):564-8

Pulmonary extraction of serotonin and propranolol in patients with adult respiratory distress syndrome. Morel DR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):479-84

Cigarette smoke impairs elastin resynthesis in lungs of hamsters with elastase-induced emphysema. Osman M, et al. **Am Rev Respir Dis** 1985 Sep;132(3):640-3

Intrapulmonary chemotaxins in the normal and in the cyclophosphamide-treated host. Pennington JE, et al. **Am Rev Respir Dis** 1985 Jun;131(6):845-9

The pharmacologic modulation of the release of arachidonic acid metabolites from purified human lung mast cells. Peters SP, et al. **Am Rev Respir Dis** 1985 Aug;132(2):367-73

Proteoglycans from lungs of rabbits treated with pronase and cadmium chloride. Radhakrishnamurthy B, et al. **Am Rev Respir Dis** 1985 Jun;131(6):855-61

The surfactant system and lung phospholipid biochemistry. Rooney SA. **Am Rev Respir Dis** 1985 Mar;131(3):439-60 (324 ref.)

High-performance liquid chromatographic quantitation of collagen biosynthesis in explant cultures. Stimler NP. **Anal Biochem** 1984 Oct;142(1):103-8

Large volume crystalloid resuscitation does not increase extravascular lung water. Gallagher TJ, et al. **Anesth Analg** 1985 Mar;64(3):323-6

Eicosanoids and the lungs. Nowak J. **Ann Clin Res** 1984; 16(5-6):269-86 (230 ref.)

Pulmonary and hepatic fatty acid synthesis. III. Control of hexose monophosphate shunt pathway by 3,5,3'-L-triiodothyronine. Das DK, et al. **Ann Nutr Metab** 1984;28(6):357-66

Depression of pulmonary metabolic function by cardiopulmonary bypass procedures increases levels of circulating norepinephrine. Pitt BR, et al. **Ann Thorac Surg** 1984 Nov;38(5):508-13

The pulmonary uptake, accumulation, and metabolism of xenobiotics. Bend JR, et al. **Annu Rev Pharmacol Toxicol** 1985;25:97-125 (170 ref.)

Intracellular processing of surfactant lipids in the lung. Fisher AB, et al. **Annu Rev Physiol** 1985;47:789-802 (98 ref.)

Synthesis of surfactant lipids in the adult lung. van Golde LM. **Annu Rev Physiol** 1985;47:765-74 (50 ref.)

Pulmonary catabolism of interferons: alveolar absorption of 125I-labeled human interferon alpha is accompanied by partial loss of biological activity. Bocci V, et al. **Antiviral Res** 1984 Aug;4(4):211-20

Cytotoxicity of intratracheally administered coal fly ash: studies on lipids in the lung of rats. Srivastava PK, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):95-103

Tobacco smoke inhalation studies: a dosimetric comparison of different cigarette types. Phelps DW, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):359-63

Effect of cigarette smoking on the tidal carbon dioxide profile. Scieszka J, et al. **Arch Environ Health** 1984 Jul-Aug;39(4):302-5

Hypercalcemia and abnormal bone scan patterns [letter] Smith RE. **Arch Intern Med** 1985 Jul;145(7):1335

Hydroxycotinine metabolism in rabbit liver, lung and kidney tissue homogenates. Rashid Mahmud A, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):17-23

Effect of removal of atherogenic diet on protein synthesis and cholesterol retention in rabbit aorta and lung. Gilligan JP, et al. **Atherosclerosis** 1985 Jan;54(1):1-10

Evidence that 1-naphthol is not an obligate intermediate in the covalent binding and the pulmonary bronchiolar necrosis by naphthalene. Buckpitt AR, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1097-103

Membrane regulation of liver and lung microsomes under low oxygen tension. Casals C, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):551-8

Specific binding sites for platelet activating factor in human lung tissues. Hwang SB, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):972-9

Ginseng extract inhibits protein degradation and stimulates protein synthesis in human fibroblasts. Lu ZQ, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):636-40

The choline-depleted type II pneumonocyte. A model for investigating the synthesis of surfactant lipids. Anceschi MM, et al. **Biochem J** 1984 Nov 15;224(1):253-62

Investigation of phospholipids of the pulmonary extracellular lining by electron paramagnetic resonance. The effects of phosphatidylglycerol and unsaturated phosphatidylcholines on the fluidity of dipalmitoyl phosphatidylcholine. Hook GE, et al. **Biochem J** 1984 Oct 15;223(2):533-42

Glucocorticoids induce the expression of the uteroglobin gene in rabbit foetal lung explants cultured in vitro. López de Haro MS, et al. **Biochem J** 1985 Jan 1;225(1):255-8

Effect of vitamin B-6 (pyridoxine) deficiency on lung elastin cross-linking in perinatal and weanling rat pups. Myers BA, et al. **Biochem J** 1985 Jul 1;229(1):153-60

What can the biology of small cell cancer of the lung teach us about the endocrine lung? Becker KL, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):155-9

Modification of pulmonary metabolism of noradrenaline in experimental obstructive jaundice. Bomzon A, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3049-54

Characterization of histamine H-1 receptors on human peripheral lung. Casale TB, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3285-92

Pulmonary accumulation of methylglyoxal-bis(guanylhydrazone) by the oligoamine uptake system. Gordonsmith RH, et al. **Biochem Pharmacol** 1985 May 15;34(10):1809-16

Captopril removal by rabbit lung in vivo. Howell RE, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2371-5

Effect of aryl hydrocarbon hydroxylase induction on the in vivo covalent binding of 1-nitropyrene, benzo[a]pyrene, 2-aminoanthracene, and phenanthridone to mouse lung deoxyribonucleic acid. Mitchell CE. **Biochem Pharmacol** 1985 Feb 15;34(4):545-51

Photoaffinity labeling of beta-adrenergic receptors in mammalian tissues. Nambi P, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3813-22

The identification and characterization of a polyamine-accumulation system in the lung. Smith LL. **Biochem Soc Trans** 1985 Apr;13(2):332-4

The mammalian beta 2-adrenergic receptor: purification and characterization. Benovic JL, et al. **Biochemistry** 1984 Sep 25;23(20):4510-8

Effects of a surfactant-associated protein and calcium ions on the structure and surface activity of lung surfactant lipids. Hawgood S, et al. **Biochemistry** 1985 Jan 1; 24(1):184-90

Regulation and location of phosphatidylglycerol and phosphatidylinositol synthesis in type II cells isolated from fetal rat lung. Batenburg JJ, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):17-24

The phospholipids of lamellar body material from fetal rabbit lung tissue in culture. Unusual phosphatidylcholine fatty acid profile. Longmuir KJ, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):135-43

The effect of age and cholesterol on the rat lung beta-adrenergic system. O'Connor SW, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):497-502

The rate-limiting reaction in phosphatidylcholine synthesis by alveolar type II cells isolated from fetal rat lung. Post M, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):558-63

Pool sizes of precursors for phosphatidylcholine formation in adult rat lung type II cells. Post M, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):552-7

Diacylglycerol synthesized in vitro from sn-glycerol 3-phosphate and the endogenous diacylglycerol are different substrate pools for the biosynthesis of phosphatidylcholine in rat lung microsomes. Rüstow B, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):273-8

The molecular species of phosphatidic acid, diacylglycerol and phosphatidylcholine synthesized from sn-glycerol 3-phosphate in rat lung microsomes. Rüstow B, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):465-76

The availability of endogenous and exogenous disaturated diacylglycerol for the diacylglycerol-consuming reactions in lung microsomes. Rüstow B, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):359-63

Cholesterol modulation of beta-adrenergic receptor characteristics. Scarpace PJ, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):520-5

Increased lung uptake of liposomes coated with polysaccharides. Takada M, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):237-44

Effect of hyperoxia on phosphatidylcholine synthesis, secretion, uptake and stability in the newborn rabbit lung. Ward JA, et al. **Biochim Biophys Acta** 1984 Oct 24; 796(1):42-50

Ranitidine does not potentiate mediator release from human lung in vitro. Hughes JM, et al. **Br J Clin Pharmacol** 1985 May;19(5):711-2

Clearance of 99m-technetium-labelled DTPA in asbestos-exposed subjects without clinical or radiological evidence of interstitial lung disease. Gellert AR, et al. **Br J Dis Chest** 1985 Jan;79(1):37-42

Uptake of solvents from the lungs [editorial] Astrand I. **Br J Ind Med** 1985 Apr;42(4):217-8

Uptake of solvents from the lungs [letter] Brugnone F. **Br J Ind Med** 1985 Aug;42(8):569

Purinoceptor mediated stimulation of prostacyclin release in the porcine pulmonary vasculature. Hellewell PG, et al. **Br J Pharmacol** 1984 Oct;83(2):457-62

Characterization of the adenosine receptor responsible for the inhibition of histamine and SRS-A release from human lung fragments. Hillyard PA, et al. **Br J Pharmacol** 1984 Oct;83(2):337-45

6,9-deepoxy-6,9-(phenylimino)-delta 6,8-Prostaglandin I1, (U-60,257) stimulates prostaglandin D2 and inhibits thromboxane B2 release from ionophore challenged human dispersed lung cells. Holgate ST, et al. **Br J Pharmacol** 1984 Nov;83(3):603-5

Differential effect of cyclo-oxygenase inhibition on antigen- and ionophore-induced release of slow reacting substance from fragmented guinea-pig lung. Krell RD, et al. **Br J Pharmacol** 1984 Aug;82(4):871-6

Lipid peroxidation in lung and liver of rats given DDT and endosulfan intratracheally. Narayan S, et al. **Bull Environ Contam Toxicol** 1985 Jan;34(1):63-7

The release of slow-reacting substance of anaphylaxis from guinea pig lung: effects of calcium antagonists. Damiano MA, et al. **Can J Physiol Pharmacol** 1985 Jan;63(1):23-9

Inhibition of benzo(a)pyrene and benzo(a)pyrene-trans-7,8-diol metabolism and DNA binding in mouse lung explants by ellagic acid. Dixit R, et al. **Cancer Res** 1985 Jul;45(7):2951-6

Quantitation of benzo(a)pyrene metabolite: DNA adducts in selected hepatic and pulmonary cell types isolated from [3H]benzo(a)pyrene-treated rabbits. Horton JK, et al. **Cancer Res** 1985 Aug;45(8):3477-81

Differential capacities for DNA repair in Clara cells, alveolar type II cells and macrophages of rabbit lung. Deilhaug T, et al. **Carcinogenesis** 1985 Apr;6(4):661-3

The effect of ellagic acid on the uptake, persistence, metabolism and DNA-binding of benzo[a]pyrene in cultured explants of strain A/J mouse lung. Teel RW, et al. **Carcinogenesis** 1985 Mar;6(3):391-5

Studies on the tumour promoter-induced release of fibronectin from human lung fibroblasts, and its counteraction by retinoic acid. Zerlauth G, et al. **Carcinogenesis** 1985 Apr;6(4):531-4

Isolation of a cigarette smoke fraction responsible for the inhibition of benzo[a]pyrene metabolism in the isolated perfused rabbit lung. Bialer M, et al. **Chem Biol Interact** 1984 Oct;51(3):309-20

Relationships between carcinogen metabolism, adduct binding and DNA damage in 3-methylcholanthrene-exposed lung. Stewart BW, et al. **Chem Biol Interact** 1984 Nov;52(1):111-28

Investigation of absorption, metabolism kinetics and DNA-binding of intratracheally administered benzo[a]pyrene in the isolated, perfused rat lung: a comparative study between microcrystalline and particulate adsorbed benzo[a]pyrene. Törnquist S, et al. **Chem Biol Interact** 1985 Jul;54(2):185-98

Changes in the pulmonary glucocorticoid receptor content in the course of interstitial disease. Saldiva PH, et al. **Chest** 1985 Sep;88(3):417-9

Role of the lung in metabolism of prostaglandin E during severe hemorrhagic shock in the dog. Blasingham MC, et al. **Circ Shock** 1985;15(3):175-84

Fluosol-DA causes pulmonary hypertension and increased lung lymph flow in unanesthetized sheep. O'Brodovich H, et al. **Clin Invest Med** 1985;8(1):15-21

Effect of starvation and diabetes on glucose transport in the lung. Das DK, et al. **Clin Physiol Biochem** 1984;2(5):239-48

Biochemistry, physiology and drug metabolism--implications regarding the role of the lungs in drug disposition. Roth RA. **Clin Physiol Biochem** 1985;3(2-3):66-79 (70 ref.)

Biosynthesis of hyaluronic acid, heparan sulfate and structural glycoproteins in hamster lung explants during elastase induced emphysema. Lafuma C, et al. **Connect Tissue Res** 1985;13(2):169-79

Influence of theophylline on fetal rat lung phosphatidylcholine synthesis in vivo. Moya FR, et al. **Dev Pharmacol Ther** 1985;8(1):9-16

The effect of maternal diabetes on the synthesis and secretion of phosphatidylcholine in fetal and maternal rat lungs in vitro. Nijjar MS, et al. **Diabetologia** 1984 Aug;27(2):219-24

Effects of insulin and hydrocortisone on lung tissue phosphatidyl choline and disaturated phosphatidyl choline in fetal rabbits in vivo. Patel DM, et al. **Diabetologia** 1984 Oct;27(4):478-81

Age-related changes in glucuronidation and deglucuronidation in liver, small intestine, lung, and kidney of male Fischer rats. Borghoff SJ, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):62-7

Target cells for the polychlorinated biphenyl metabolite 4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl in lung and kidney. Brandt I, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):490-6

Effect of chronic ethanol consumption on activation of nitrosopyrrolidine to a mutagen by rat upper alimentary tract, lung, and hepatic tissue. Farinati F, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):210-4

Covalent binding of benzo(a)pyrene in perfused rat lung following systemic and intratracheal administration. Foth H, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):760-6

Paraquat and putrescine uptake by lung slices of fetal and newborn rats. Gaudreault P, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):550-2

Metabolism of 2-acetylaminofluorene in isolated rabbit pulmonary cells. Evidence for the heterogeneous distribution of monooxygenase activity in lung tissue. Minchin RF, et al. **Drug Metab Dispos** 1985 Jul-Aug; 13(4):406-11

Effects of oxygen on the disposition of nitrofurantoin in intact rat lung. Minchin RF, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):787-9

Effect of plasma protein binding on the uptake of methadone and diazepam in the isolated perfused rat lung. Roerig DL, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):536-42

Effects of biosolubility on pulmonary uptake and disposition of gases and vapors of lipophilic chemicals. Fiserova-Bergerova V, et al. **Drug Metab Rev** 1984; 15(5-6):1033-70 (44 ref.)

Lung tissue penetration of temocillin. Cowan W, et al. **Drugs** 1985;29 Suppl 5:151-3

Assessment of drug disposition in the lung. Rebuck AS, et al. **Drugs** 1984 Dec;28(6):544-53 (64 ref.)

Translocation and uncoupling of the beta-adrenergic receptor in rat lung after catecholamine promoted desensitization in vivo. Strasser RH, et al. **Endocrinology** 1984 Oct;115(4):1392-400

Tissue slices in the study of lung metabolism and toxicology. Freeman BA, et al. **Environ Health Perspect** 1984 Jun; 56:51-60 (52 ref.)

Pulmonary and percutaneous absorption of 2-propoxyethyl acetate and 2-ethoxyethyl acetate in beagle dogs. Guest D, et al. **Environ Health Perspect** 1984 Aug;57:177-83

Isolated perfused lung preparation for studying altered gaseous environments. Rhoades RA. **Environ Health Perspect** 1984 Jun;56:43-50 (38 ref.)

Effect of silica and volcanic ash on the content of lung alveolar and tissue phospholipids. Kornbrust DJ, et al. **Environ Res** 1984 Oct;35(1):140-53

The distribution of dust in the rat lung following administration by inhalation and by single intratracheal instillation. Pritchard JN, et al. **Environ Res** 1985 Apr; 36(2):268-97

Lung clearance, translocation, and acute toxicity of arsenic, beryllium, cadmium, cobalt, lead, selenium, vanadium, and ytterbium oxides following deposition in rat lung. Rhoads K, et al. **Environ Res** 1985 Apr;36(2):359-78

Lung clearance of neutron-activated Mount St. Helens volcanic ash in the rat. Wehner AP, et al. **Environ Res** 1984 Oct;35(1):211-7

Inhalation studies of Mt. St. Helens volcanic ash in animals: respiratory mechanics, airway reactivity and deposition. Wiester MJ, et al. **Environ Res** 1985 Feb;36(1):230-40

Glucocorticoid-dependent uteroglobin synthesis and uteroglobulin mRNA levels in rabbit lung explants cultured in vitro. Fernández-Renau D, et al. **Eur J Biochem** 1984 Nov 2;144(3):523-7

Autoradiographic localisation of beta-adrenoceptors in human lung. Carstairs JR, et al. **Eur J Pharmacol** 1984 Aug 3;103(1-2):189-90

Leukotriene-induced contraction and thromboxane production in guinea-pig lung parenchymal strips. Creese BR, et al. **Eur J Pharmacol** 1984 Jul 13;102(2):197-204

Leukotriene E4 binds specifically to LTD4 receptors in guinea pig lung membranes. Mong S, et al. **Eur J Pharmacol** 1985 Feb 26;109(2):183-92

Characterization of the leukotriene D4 receptor in guinea-pig lung. Mong S, et al. **Eur J Pharmacol** 1984 Jun 15; 102(1):1-11

Cyclic nucleotide concentrations in tissue and perfusate of isolated rat lung. Bellamy PE, et al. **Exp Lung Res** 1984; 7(1):67-76

'Hydrophobic' surfactant apoproteins and augmentation of phospholipid recycling. Claypool WD, et al. **Exp Lung Res** 1984;6(3-4):215-22

Pulmonary bombesin in experimentally induced asbestosis in rats. Day R, et al. **Exp Lung Res** 1985;8(1):1-13

Structural and ontogenetic relationships of rat lung surfactant apoproteins. Katyal SL, et al. **Exp Lung Res** 1984; 6(3-4):175-89

Effect of dexamethasone on the synthesis of specific proteins in fetal rabbit lung in vivo and in organ culture. Phelps DS, et al. **Exp Lung Res** 1984;7(3-4):195-210

Changes in numbers and dimensions of chrysotile asbestos fibers in lungs of rats following short-term exposure. Roggli VL, et al. **Exp Lung Res** 1984;7(2):133-47

The sex difference in type II cell surfactant synthesis originates in the fibroblast in vitro. Torday JS. **Exp Lung Res** 1984;7(3-4):187-94

The effects of vitamin A nutritional status on glutathione levels and microsomal lipid peroxidation in rat lung. Tom WM, et al. **Experientia** 1985 Aug 15;41(8):1046-7

Glutathione biosynthesis in the isolated perfused rat lung: utilization of extracellular glutathione. Berggren M, et al. **FEBS Lett** 1984 Oct 15;176(1):189-92

Preferential utilization of ketone bodies in the brain and lung of newborn rats. Yeh YY, et al. **Fed Proc** 1985 Apr; 44(7):2352-8 (23 ref.)

Pulmonary retention of inhaled diesel particles after prolonged exposures to diesel exhaust. Chan TL, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):624-31

The many faces of an increase in lung collagen. Witschi HP, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):240-50 (18 ref.)

Effect of age on the accumulation of lung protein following unilateral pneumonectomy in rats. Rannels DE, et al. **Growth** 1984 Autumn;48(3):297-308

Observations on very long-term removal of uranium compounds. Crawford-Brown DJ, et al. **Health Phys** 1984 Sep;47(3):443-6

Reduction of Cm translocation from lung by constant infusion of DTPA after inhalation of Cm2O3 by rats. Guilmette RA, et al. **Health Phys** 1985 Apr;48(4):487-93

Metabolism of some industrial uranium tetrafluorides after deposition in the rat lung. Stradling GN, et al. **Hum Toxicol** 1985 Mar;4(2):159-68

Kinetics of nickel and chromium in rats exposed to different stainless-steel welding fumes. Kalliomäki PL, et al. **IARC Sci Publ** 1984;(53):385-93

Effect of disulfiram on N-nitroso-N-methylbenzylamine metabolism. Biochemical aspects. Schweinsberg F, et al. **IARC Sci Publ** 1984;(57):525-32

Kinetics of penetration and clearance of mezlocillin in the bronchopulmonary tract. Braga PC, et al. **Int J Clin Pharmacol Res** 1984;4(5):361-5

Hydrolysis of cyclomethasone by the human lung. Ronca-Testoni S. **Int J Clin Pharmacol Res** 1983;3(1):17-20

Pulmonary synthesis, release, and metabolism of prostaglandins. Robinson C, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):265-71 (40 ref.)

Thiopronine and lung levels of erythromycin [letter] Coppi G, et al. **J Antimicrob Chemother** 1984 Sep;14(3):307-8

Transient depletion of lung glutathione by diethylmaleate enhances oxygen toxicity. Deneke SM, et al. **J Appl Physiol** 1985 Feb;58(2):571-4

Comparison of alpha- and gamma-thrombin on lung fluid balance in anesthetized sheep. Garcia-Szabo RR, et al. **J Appl Physiol** 1984 Nov;57(5):1375-83

Distribution and quantitative developmental changes in guinea pig pulmonary beta-receptors. Gatto C, et al. **J Appl Physiol** 1984 Dec;57(6):1901-7

Selenium deficiency potentiates paraquat-induced lipid peroxidation in isolated perfused rat lung. Glass M, et al. **J Appl Physiol** 1985 Aug;59(2):619-22

Inspiratory airway obstruction does not affect lung fluid balance in lambs. Hansen TN, et al. **J Appl Physiol** 1985 Apr;58(4):1314-8

Influence of endothelial volume on kinetics of reacting indicators in the lung. Harris TR. **J Appl Physiol** 1984 Nov; 57(5):1528-30

Measurement of pulmonary clearance of radioaerosol using a portable sodium iodide probe. Jefferies AL, et al. **J Appl Physiol** 1984 Dec;57(6):1908-12

Lung protein leaks in ventilated lambs: effects of gestational age. Jobe A, et al. **J Appl Physiol** 1985 Apr;58(4):1246-51

Lung serotonin uptake kinetics from indicator-dilution and constant-infusion methods. Malcorps CM, et al. **J Appl Physiol** 1984 Sep;57(3):720-30

Compartmental analysis of the efflux of l-[3H]norepinephrine from isolated perfused rat lungs. Metting PJ, et al. **J Appl Physiol** 1985 Jan;58(1):244-50

Glycosaminoglycan biosynthesis in the isolated perfused rat lung. Sampson PM, et al. **J Appl Physiol** 1984 Dec; 57(6):1648-54

Pulmonary interstitial compartments and tissue resistance to fluid flux. Unruh HW, et al. **J Appl Physiol** 1984 Nov; 57(5):1512-9

Actions of lipoxygenase metabolites in isolated rat lungs. Voelkel NF, et al. **J Appl Physiol** 1984 Sep;57(3):860-7

D- and L-glucose transport across the pulmonary epithelium. Wangensteen D, et al. **J Appl Physiol** 1984 Dec; 57(6):1722-30

Effects of bleomycin on 14C-proline uptake, its incorporation into proteins and hydroxylation in collagenous proteins of hamster lung slices. Giri SN, et al. **J Appl Toxicol** 1985 Apr;5(2):89-93

Isolation of cytochrome P-450 highly active in prostaglandin omega-hydroxylation from lung microsomes of rabbits treated with progesterone. Yamamoto S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):593-603

Three soluble rat beta-galactoside-binding lectins. Cerra RF, et al. **J Biol Chem** 1985 Sep 5;260(19):10474-7

Biosynthesis and in vitro translation of the major surfactant-associated protein from human lung. Floros J, et al. **J Biol Chem** 1985 Jan 10;260(1):495-500

Metabolism of leukotrienes B4 and C4 in the isolated perfused rat lung. Harper TW, et al. **J Biol Chem** 1984 Dec 10; 259(23):14437-40

Pulmonary disposition and pharmacodynamics of verapamil. Gillespie MN, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct; 6(5):802-7

Collagen degradation in human lung fibroblasts: extent of degradation, role of lysosomal proteases, and evaluation of an alternate hypothesis. Bienkowski RS. **J Cell Physiol** 1984 Oct;121(1):152-8

Detection of organic hydroperoxides in rabbit lung lavage fluid, but not in lung tissue homogenate, using GSH peroxidase and GSH reductase. Seeger W, et al. **J Clin Chem Clin Biochem** 1984 Nov;22(11):711-5

Influence of age on steroid concentrations in skin and striated muscle in women and in cardiac muscle and lung tissue in men. Deslypere JP, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):648-53

Metabolism of androsterone and 5 alpha-androstane-3 alpha,17 beta-diol in human lung tissue and in pulmonary endothelial cells in culture. Milewich L, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):244-50

Pulmonary uptake of technetium 99m macroaggregated albumin: a predictor of gastrointestinal toxicity during hepatic artery perfusion. Kaplan WD, et al. **J Clin Oncol** 1984 Nov;2(11):1266-9

Age-related changes in drug concentration in skin and lungs of mice. Ohkoshi M, et al. **J Dermatol (Tokyo)** 1984 Oct; 11(5):438-42

The rate of production of lung liquid in fetal goats, and the effect of expansion of the lungs. Perks AM, et al. **J Dev Physiol** 1985 Jun;7(3):149-60

Properties and ontogeny of the glucocorticoid receptor in the placenta and fetal lung of the sheep. Flint AP, et al. **J Endocrinol** 1984 Oct;103(1):31-42

Uptake of estrone and estrone-3-sulfate by lung of macaca fuscata. Sakai C, et al. **J Endocrinol Invest** 1984 Oct; 7(5):441-4

Aerosol particle deposition in human lungs. Nauš A, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):261-6

Effect of SQ20881 and captopril on pulmonary angiotensin II formation and blood pressure. Houck PC, et al. **J Hypertens** 1983 Jun;1(1):73-6

Impairment of elastin resynthesis in the lungs of hamsters with experimental emphysema induced by sequential administration of elastase and trypsin. Osman M, et al. **J Lab Clin Med** 1985 Feb;105(2):254-8

Changes in response to ascorbic acid administered orally to rat pups: lung collagen, elastin and protein synthesis. Critchfield JW, et al. **J Nutr** 1985 Jan;115(1):70-7

Effects of low protein diets or feed restriction on rat lung glutathione and oxygen toxicity. Deneke SM, et al. **J Nutr** 1985 Jun;115(6):726-32

Effects of protein deficiency and food restriction on lung ascorbic acid and glutathione in rats exposed to ozone. Dubick MA, et al. **J Nutr** 1985 Aug;115(8):1050-6

Pulmonary excretion rate of carbon monoxide as an index of total bilirubin formation in adult male Wistar rats with common bile duct ligation. Stevenson DK, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):790-4

Effect of myo-inositol on the glycerophospholipid composition of adult and fetal rat lung tissue. Quirk JG Jr, et al. **J Perinat Med** 1984;12(4):201-10

Biotransformation of the topical glucocorticoids budesonide and beclomethasone 17 alpha,21-dipropionate in human liver and lung homogenate. Andersson P, et al. **J Pharm Pharmacol** 1984 Nov;36(11):763-5

Contribution of the lung to total body clearance of meperidine in the dog. Kramer WG, et al. **J Pharm Sci** 1985 May;74(5):569-71

Pulmonary absorption and excretion of compounds in the gas phase: theoretical pharmacokinetic and toxicokinetic analysis. Veng-Pedersen P. **J Pharm Sci** 1984 Aug; 73(8):1136-41

Hepatic and pulmonary microsomal metabolism of naphthalene to glutathione adducts: factors affecting the relative rates of conjugate formation. Buckpitt AR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):291-300

Tissue distribution and functional correlation of [3H]leukotriene C4 and [3H]leukotriene D4 binding sites in guinea-pig uterus and lung preparations. Cheng JB, et al. **J Pharmacol Exp Ther** 1985 Jan;232(1):80-7

Pulmonary metabolism of exogenous enkephalins in isolated perfused rat lungs. Gillespie MN, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):675-81

Propranolol-induced elevation of pulmonary collagen. Lindenschmidt RC, et al. **J Pharmacol Exp Ther** 1985 Feb; 232(2):346-50

Molecular heterogeneity of leukotriene receptors: correlation of smooth muscle contraction and radioligand binding in guinea-pig lung. Mong S, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):316-25

Effects of isoproterenol on histamine release induced from monodispersed guinea-pig lung cells by different secretagogues. Undem BJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):617-22

Effect of calcium antagonists on the biosynthesis and contractile effects of peptidoleukotrienes in rhesus monkey lung. Weichman BM, et al. **J Pharmacol Exp Ther** 1985 May;233(2):345-51

Effects of high erucic acid diet on sphingomyelin biosynthesis in rat lung microsomes. Lecerf J, et al. **J Physiol (Paris)** 1984;79(5):345-51

Thermodynamic study of iodocyanopindolol beta-adrenoceptors interactions with rat lung and cerebral cortex. Morin D, et al. **J Recept Res** 1983-84;3(6):773-90

Chemotactic activity of plasma and lung lymph in sheep with endotoxemia: effect of hydroxyl radical scavengers. Palder SB, et al. **J Surg Res** 1985 Feb;38(2):162-72

Dog pulmonary macrophage metabolism of free and particle-associated [14C]benzo[a]pyrene. Bond JA, et al. **J Toxicol Environ Health** 1984;14(2-3):181-9

An improved method for calculating labeling indices of lung epithelial and interstitial cells. Shami SG, et al. **J Toxicol Environ Health** 1985;15(2):229-36

The effects of a cocarcinogen, ferric oxide, on the metabolism of benzo[a]pyrene in the isolated perfused lung. Warshawsky D, et al. **J Toxicol Environ Health** 1984; 14(2-3):191-209

Pulmonary blood volume and pulmonary extravascular water volume in men. Arakawa M, et al. **Jpn Circ J** 1985 May; 49(5):475-86

Effect of storage on chlorpromazine and imipramine N-oxidizing activity of rat lung microsomes. Ohmiya Y, et al. **Jpn J Pharmacol** 1984 Oct;36(2):256-7

Disappearance of enkephalins in the isolated perfused rat lung. Manwaring D, et al. **Life Sci** 1984 Oct 22; 35(17):1787-94

Pulmonary lipid peroxides and fatty acids of rats fed different lipids and exposed to oxygen at hyperbaric pressure. Alam SQ, et al. **Lipids** 1985 Apr;20(4):248-51

Oxidant injury of the extracellular matrix: potential role in the pathogenesis of pulmonary emphysema. Riley DJ, et al. **Lung** 1985;163(1):1-13 (93 ref.)

On the uptake, regulation and pulmonary elimination of inert vapours and gases. Palazzi E, et al. **Med Biol Eng Comput** 1984 Sep;22(5):426-32

Diffusion of labeled water and lipophilic solutes in the lung. Effros RM, et al. **Microvasc Res** 1985 Jan;29(1):45-55

Exclusion of charged macromolecules in the pulmonary interstitium. Gilchrist SA, et al. **Microvasc Res** 1985 Jul; 30(1):88-98

Comparison between pore model predictions and sheep lung fluid and protein transport. Roselli RJ, et al. **Microvasc Res** 1985 May;29(3):320-39

Target cells for the polychlorinated biphenyl metabolite 4,4'-bis(methylsulfonyl)-2,2',5,5'-tetrachlorobiphenyl. Characterization of high affinity binding in rat and mouse lung cytosol. Lund J, et al. **Mol Pharmacol** 1985 Feb; 27(2):314-23

Pulmonary epithelial permeability in hyaline-membrane disease. Jefferies AL, et al. **N Engl J Med** 1984 Oct 25; 311(17):1075-80

Effects of hypoxia on norepinephrine uptake by developing rabbit lung. Gewitz MH, et al. **Pediatr Pharmacol (New York)** 1984;4(2):109-13

Prostaglandins and related compounds in the perinatal pulmonary circulation. Philips JB 3d. **Pediatr Pharmacol (New York)** 1984;4(2):129-42 (93 ref.)

Intrauterine growth-retarded rat pups show increased susceptibility to pulmonary O2 toxicity. Frank L, et al. **Pediatr Res** 1985 Mar;19(3):281-6

Hypoxia stimulates prostacyclin synthesis by neonatal lungs. Green RS, et al. **Pediatr Res** 1984 Sep;18(9):832-5

Elevated ratios of type I/III collagen in the lungs of chronically ventilated neonates with respiratory distress. Shoemaker CT, et al. **Pediatr Res** 1984 Nov;18(11):1176-80

Muscarinic cholinergic receptors in developing rat lung. Whitsett JA, et al. **Pediatr Res** 1984 Nov;18(11):1136-40

Characterization and autoradiographic distribution of the beta-adrenergic receptor in the rat lung. Finkel MS, et al. **Pharmacology** 1984;29(5):247-54

Analysis of pulmonary collagen production by high performance liquid chromatographic separation of radiolabeled hydroxyproline and proline. Kehrer JP, et al. **Proc West Pharmacol Soc** 1984;27:319-22

Cyclooxygenase and lipoxygenase modulators in lung reactivity. U.S.-Italy symposium, Milan, April 5-6, 1984. **Prog Biochem Pharmacol** 1985;20:1-146

Substrate and regulatory functions of eicosapentaenoic and docosahexaenoic acids for the 5-lipoxygenase pathway. Implications for pulmonary responses. Lee TH, et al. **Prog Biochem Pharmacol** 1985;20:1-17 (80 ref.)

Binding of leukotriene C4 to human lung membranes. Nicosia S, et al. **Prog Biochem Pharmacol** 1985;20:101-7

Beta-adrenoceptor desensitization in the lung. A phenomenon related to prostanoids. Omini C, et al.

Prog Biochem Pharmacol 1985;20:63–73 (28 ref.)

Effect of ozone exposure on prostacyclin synthesis in lung. Kobayashi T. **Prostaglandins** 1983 Dec;26(6):1021–7

Mechanism of stimulation of pulmonary prostacyclin synthesis at birth. Leffler CW, et al. **Prostaglandins** 1984 Dec;28(6):877–87

Identification of specific binding sites for leukotriene C4 in human fetal lung. Lewis MA, et al. **Prostaglandins** 1984 Jun;27(6):961–74

Leukotriene F4 and the release of arachidonic acid metabolites from perfused guinea pig lungs in vitro. Lord A, et al. **Prostaglandins** 1985 Apr;29(4):651–60

Reduction in thromboxane formation by n–3 fatty acids enriched lung microsomes from rat and guinea pig following the ingestion of dietary menhaden oil. Lokesh BR, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):337–48

Effects of high frequency oscillatory ventilation compared to conventional ventilation upon pulmonary vascular prostanoid production in neonatal piglets. Mitchell JA, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):107–15

Evidence for isosorbide dinitrate (ISDN) promoting effect on prostacyclin release by the lung and prostacyclin implication in ISDN–induced inhibition of platelet aggregation in humans. Rolland PH, et al. **Prostaglandins Leukotrienes Med** 1984 Dec;16(3):333–46

Leukotriene D4 and phospholipase A2 release thromboxane A2 of different origin in the guinea pig lung parenchymal strip. Zijlstra FJ, et al. **Prostaglandins Leukotrienes Med** 1985 Mar;17(3):337–8

Vascularly perfused frog lung: effects of metabolic conditions on adenine nucleotides and inorganic ions. van Rossum GD, et al. **Q J Exp Physiol** 1985 Jan;70(1):1–14

Further characterization of the pulmonary ethanol metabolizing system (PET). Bernstein J, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):121–36

Nicotine has no effect on the metabolism of exogenous arachidonic acid or prostaglandin E2 in isolated perfused rat and hamster lungs. Mänistö J, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):259–63

The effect of selenium and vitamin E deficiencies on the fate of arachidonic acid in rat isolated lungs. Uotila P, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun;48(3):471–3

The effect of lung volume on regional gas transport during high frequency oscillations. Forkert L, et al. **Respir Physiol** 1984 Dec;58(3):279–87

The regulation of flow of pulmonary fluid in fetal sheep. Harding R, et al. **Respir Physiol** 1984 Jul;57(1):47–59

Pulmonary arterial–venous differences in lipids and lipid metabolites. Zauner CW, et al. **Respiration** 1985;47(3):214–9

Lung retention of antimony and arsenic in hamsters after the intratracheal instillation of industrial dust. Leffler P, et al. **Scand J Work Environ Health** 1984 Aug;10(4):245–51

Studies on the property of sulfhydryl binding site on the lung normal and cancer cell membrane of Chinese hamster with maleimide spin labels. Xin WJ, et al. **Sci Sin [B]** 1984 Oct;27(10):1008–14

Effect of hydroxyl radical scavenging on endotoxin–induced lung injury. Wong C, et al. **Surgery** 1985 Mar;97(3):300–7

Clearance of polonium–210–enriched cigarette smoke from the rat trachea and lung. Cohen BS, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):314–22

Ozone exposure, food restriction and protein deficiency: changes in collagen and elastin in rodent lung. Myers BA, et al. **Toxicol Lett** 1984 Oct;23(1):43–9

Changes in the levels of polyunsaturated fatty acids in the lung and lecithin cholesterol acyl transferase activity in plasma of monkeys exposed to ambient levels of ozone. Rao GA, et al. **Toxicol Lett** 1985 Feb–Mar;24(2–3):125–9

Pulmonary retention of [14C]benzo[a]pyrene in rats as influenced by the amount instilled. Medinsky MA, et al. **Toxicology** 1985 Jun 28;35(4):327–36

The pharmacokinetics of benzo[alpha]pyrene in the isolated perfused rabbit lung: the influence of benzo[alpha]pyrene, n–dodecane, particulate, or sulfur dioxide. Morgan DD, et al. **Toxicology** 1984 Dec;33(3–4):275–89

The role of glutathione and changes in thiol homeostasis in cultured lung cells exposed to ozone. Rietjens IM, et al. **Toxicology** 1985 Jun 14;35(3):207–17

Ultrastructural localization in the mouse lung of venom from the western diamondback (Crotalus atrox) rattlesnake. Schiff RI, et al. **Toxicon** 1984;22(6):947–56

Some implications of augmented collagen levels with bleomycin exposure or hyperoxic exposure of lung fibroblasts: fibrosis as altered phenotypic expression. Robin ED, et al. **Trans Assoc Am Physicians** 1983;96:412–6

Insufflated red cells protect lungs from hyperoxic damage: role of red cell glutathione in scavenging toxic O2 radicals. van Asbeck S, et al. **Trans Assoc Am Physicians** 1984;97:365–8

Lysosomal gold accumulations in pulmonary macrophages. Pääkö P, et al. **Ultrastruct Pathol** 1984;7(4):289–94

Electrophilic metabolites of 3–methylindole as toxic intermediates in pulmonary oedema. Nocerini MR, et al. **Xenobiotica** 1984 Jul;14(7):561–4

Total and regional lung retention of monodisperse cobalt compound aerosols after a single inhalation. Kreyling W, et al. **Z Erkr Atmungsorgane** 1985;164(1):61–6

[Advances in research on the pulmonary metabolic function and its clinical applications] Ma KF. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):51–6 (14 ref.) **(Chi)**

[Pulmonary prostaglandins and leukotrienes] Uotila P. **Duodecim** 1984;100(16):1026–33 **(Fin)**

[Influence of parenteral nutrition on phospholipid metabolism in the rat lung in the posttraumatic period] Bahrami S, et al. **Anaesthesist** 1984 Nov;33(11):560–3 (Eng. Abstr.) **(Ger)**

[Malondialdehyde determination in the liver, lung and brain of the rat] Prager B, et al. **Z Med Lab Diagn** 1985;26(1):44–5 **(Ger)**

[Clinical study on the permeability of FT–207 and 5–FU in primary lung cancer] Aogauchi R, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):105–10 (Eng. Abstr.) **(Jpn)**

[The distribution of cefotaxime in serum, lung lymph and lung tissue of sheep] Kobayashi T, et al. **Jpn J Antibiot** 1985 Jan;38(1):102–6 (Eng. Abstr.) **(Jpn)**

[Transference of cefmenoxime from serum to lung tissue] Nagae N, et al. **Jpn J Antibiot** 1985 Jan;38(1):41–4 (Eng. Abstr.) **(Jpn)**

[Enhanced detection of myocardial ischemia by stress thallium scan: assessment by washout rate analysis and lung thallium uptake in addition to transient defect analysis] Nishimura T, et al. **Kaku Igaku** 1985 Apr;22(4):467–75 (Eng. Abstr.) **(Jpn)**

[Mucociliary clearance mechanisms studied by radioisotopic methods––a quantitative analysis] Isawa T, et al. **Kokyu To Junkan** 1985 Jun;33(6):753–8 **(Jpn)**

[Increased intracellular oxygen free radical generation by hyperoxia and antioxidant enzymatic defences] Yusa T, et al. **Masui** 1984 Dec;33(12):1300–9 (37 ref.) (Eng. Abstr.) **(Jpn)**

[Circulating negative inotropic substance produced by the lung, affected by prostaglandin and thromboxane] Utsunomiya T, et al. **Nippon Geka Gakkai Zasshi** 1985 May;86(5):527–33 (Eng. Abstr.) **(Jpn)**

[Cigarette smoking and lung metabolism––effect of cigarette smoke exposure on blood levels of histamine, serotonin and ACE activity in guinea pigs] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov;22(11):1000–3 (Eng. Abstr.) **(Jpn)**

[Factors influencing the tissue concentration of ceftizoxime in the human lung] Masaoka A, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):659–65 (Eng. Abstr.) **(Jpn)**

[Lecithin and total phospholipid concentrations in lung homogenates of fetuses and newborn rabbits after beta–receptor stimulation] Dzienis K, et al. **Ginekol Pol** 1984 Apr;55(4):249–52 (Eng. Abstr.) **(Pol)**

[Role of elastin in the pathogenesis of pulmonary emphysema] Slodkowska J. **Postepy Hig Med Dosw** 1984 Mar–Apr;38(2):187–96 (55 ref.) (Eng. Abstr.) **(Pol)**

[Free–radical lipid peroxidation reactions in pulmonary edema] Farkhutdinov RR, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):46–9 (Eng. Abstr.) **(Rus)**

[Isoniazid concentrations in the blood, resected lung tissue and the gallbladder bed in relation to the method of administration to pulmonary tuberculosis patients with stomach and liver diseases] Androsov EE, et al. **Antibiotiki** 1984 Sep;29(9):671–3 (Eng. Abstr.) **(Rus)**

[Shifts in tissue respiration of the lung and liver in rabbits administered penicillin and streptomycin] Valchekonis VI. **Antibiotiki** 1984 Sep;29(9):662–6 (Eng. Abstr.) **(Rus)**

[Effect of posttraumatic fluctuations in the oxygen tension value in the arterial blood on the intensity of lipid peroxidation in the lungs, liver and myocardium of rats with a lung contusion] Kulitskaia VI, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):276–8 (Eng. Abstr.) **(Rus)**

[Effect of low temperature on lipid peroxidation in the lungs and on pulmonary macrophage activity in rats] Tnimov MKh, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):591–3 (Eng. Abstr.) **(Rus)**

[Lactoferrin in human lung tumors] Sergeeva NS, et al. **Eksp Onkol** 1985;7(2):64–7 (Eng. Abstr.) **(Rus)**

[Phospholipids in the blood and tissues of rats after infusion of perfluorocarbon emulsion] Tereshina EV, et al. **Gematol Transfuziol** 1985 Apr;30(4):42–5 (Eng. Abstr.) **(Rus)**

[Methods of quantitative assessment of the entry of toxic substances into the body of workers by inhalation (using lead compounds as an example)] Pavlovskaia NA, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):29–32 (Eng. Abstr.) **(Rus)**

[Water content of the lungs during 7–day anti–orthostatic hypokinesia] Nikolaenko EM, et al. **Kosm Biol Aviakosm Med** 1984 Nov–Dec;18(6):40–4 (Eng. Abstr.) **(Rus)**

[Histamine liberation and cyclic nucleotide activation in the lungs in experimental anesthesia and artificial circulation] Gerasimov NM, et al. **Patol Fiziol Eksp Ter** 1984 Sep–Oct;(5):75–8 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of rifampicin and isoniazid penetration into the pathological foci of the lungs in tuberculosis patients] Kislitsyna NA. **Probl Tuberk** 1985;(4):55–7 (Eng. Abstr.) **(Rus)**

[Histological study of tissue distribution of cobalt after mud application] Ponizovskaia EV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar–Apr;(2):54–6 **(Rus)**

[Effect of synthetic regulators of radical reactions on the course of experimental silicosis] Ivanova AS, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):22–5 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Solitary pulmonary nodule due to Cryptococcus neoformans and Mycobacterium tuberculosis. Kahn FW, et al. **Am J Med** 1985 Apr;78(4):677–81

Persistence of Pneumocystis carinii in lung tissue of acquired immunodeficiency syndrome patients treated for pneumocystis pneumonia. Shelhamer JH, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1161–5

Isolation in Vero–E6 cells of Hanta virus from Clethrionomys glareolus captured in the Bashkiria area of the U.S.S.R. Tkachenko EA, et al. **Ann Soc Belg Med Trop** 1984;64(4):425–6

Interferon aerosol suppression of vesicular stomatitis virus replication in the lungs of infected mice. Wyde PR, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):450–4

Pulmonary, cardiac, and thyroid involvement in disseminated Pseudallescheria boydii [letter] de Ment SH, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):859–61

The electron microscopic appearance of Nocardia asteroides in human lung tissue [letter] Kamat BR, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):862–4

Characterization of Pasteurella species isolated from lungs of calves with pneumonia. Madsen EB, et al. **Can J Comp Med** 1985 Jan;49(1):63–7

Microorganisms associated with pneumonia in slaughter weight swine. Morrison RB, et al. **Can J Comp Med** 1985 Apr;49(2):129–37

Failure to recover Chlamydia trachomatis from open-lung biopsy tissue of adult immunosuppressed patients [letter] Freidig EE, et al. **Chest** 1984 Oct;86(4):549

Mycoplasma pneumoniae and Nocardia asteroides in lung biopsy tissue of an immunodeficient infant. Andersen RD, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):175–7

Modulation of pulmonary clearance of bacteria by antioxidants. Pesanti EL, et al. **Infect Immun** 1985 Apr;48(1):57–61

Adherence of Bordetella bronchiseptica to hamster lung fibroblasts. Plotkin BJ, et al. **Infect Immun** 1984 Dec;46(3):697–702

In vitro models for host–parasite interactions involving mycoplasmas. Gabridge MG. **Isr J Med Sci** 1984 Oct;20(10):920–3

Isolation of toxigenic strains of Pasteurella multocida from lungs of pneumonic swine. Pijoan C, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):522–3

Recognition of Pneumocystis carinii by gram stain in impression smears of lung tissue. Felegie TP, et al. **J Clin Microbiol** 1984 Dec;20(6):1190–1

A comparison of virulence of two strains of Legionella pneumophila based on experimental aerosol infection of guinea–pigs. Jepras RI, et al. **J Hyg (Lond)** 1985 Aug;95(1):29–38

Pulmonary disease associated with Pseudomonas aeruginosa in cystic fibrosis: current status of the host–bacterium interaction. Pier GB. **J Infect Dis** 1985 Apr;151(4):575–80 (39 ref.)

The relation of viral replication to interstitial pneumonitis in murine cytomegalovirus lung infection. Shanley JD, et al. **J Infect Dis** 1985 Mar;151(3):454–8

Dynamics of viral growth, viral enzymatic activity, and antigenicity in murine lungs during the course of influenza pneumonia. Astry CL, et al. **J Med Virol** 1984;14(2):81–90

'Viral' intranuclear inclusions. Couvreur Y, et al. **Ultrastruct Pathol** 1984;7(1):67–71

Comparison of virulence of ovine respiratory mycoplasmas in the mouse mammary gland. Buddle BM, et al. **Vet Microbiol** 1984 Aug;9(4):367–74

[Factors affecting the postmortem lung culture] Suzuki K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):260–5 (Eng. Abstr.) **(Jpn)**

[Three cases of acute leukemia with the development of fungus balls in the lung during remission induction therapy] Shirota T, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1462–5 (Eng. Abstr.) **(Jpn)**

PARASITOLOGY

Parasites in lungs of dead equids in Kentucky: emphasis on Dictyocaulus arnfieldi. Lyons ET, et al. **Am J Vet Res** 1985 Apr;46(4):924–7

Schistosoma mansoni: challenge attrition during the lung phase of migration in vaccinated and serum–protected rats. McLaren DJ, et al. **Exp Parasitol** 1985 Aug;60(1):1–9

Sporogony in Pneumocystis carinii: synaptonemal complexes and meiotic nuclear divisions observed in precysts. Matsumoto Y, et al. **J Protozool** 1984 Aug;31(3):420–8

An ultrastructural examination of irradiated, immunizing schistosomula of Schistosoma mansoni during their extended stay in the lungs. Mastin A, et al. **Parasitology** 1985 Aug;91 (Pt 1):101–10

PATHOLOGY

Fine needle aspiration cytology of pulmonary infarct. Silverman JF, et al. **Acta Cytol (Baltimore)** 1985 Mar–Apr;29(2):162–6

Splendore–Hoeppli phenomenon around blastomyces in cytologic preparation. Subramony C, et al.

Acta Cytol (Baltimore) 1984 Nov–Dec;28(6):684–6

Pulmonary cytology in paracoccidioidomycosis. Tani EM, et al. **Acta Cytol (Baltimore)** 1984 Sep–Oct;28(5):571–5

Lung biopsy in rounded atelectasis [letter] Greyson–Fleg RT. **AJR** 1985 Jun;144(6):1316–7

Transthoracic needle aspiration biopsy of benign and malignant lung lesions. Khouri NF, et al. **AJR** 1985 Feb; 144(2):281–8

Transbronchial lung biopsy in pediatric and adolescent patients. Fitzpatrick SB, et al. **Am J Dis Child** 1985 Jan; 139(1):46–9

Interstitial lung disease and hilar adenopathy in a 28–year-old man with aplastic anemia [clinical conference] **Am J Med** 1985 Apr;78(4):659–68

Pulmonary leukostasis as the single worst prognostic factor in patients with acute myelocytic leukemia and hyperleukocytosis. Lester TJ, et al. **Am J Med** 1985 Jul; 79(1):43–8

Role of polymorphonuclear leukocytes in silica–induced pulmonary fibrosis. Adamson IY, et al. **Am J Pathol** 1984 Oct;117(1):37–43

Fiber localization and its relationship to lung reaction in rats after chronic inhalation of chrysotile asbestos. Pinkerton KE, et al. **Am J Pathol** 1984 Dec;117(3):484–98

Immunocytochemical characterization of pulmonary histiocytosis X cells in lung biopsies. Soler P, et al. **Am J Pathol** 1985 Mar;118(3):439–51

Bleomycin lung injury in children. Pathophysiology and guidelines for management. Eigen H, et al. **Am J Pediatr Hematol Oncol** 1985 Spring;7(1):71–8

Primary pulmonary sporotrichosis. Report of eight cases with clinicopathologic review. England DM, et al. **Am J Surg Pathol** 1985 Mar;9(3):193–204

Equine tracheobronchial lavage: comparison of lavage cytologic and pulmonary histopathologic findings. Larson VL, et al. **Am J Vet Res** 1985 Jan;46(1):144–6

Bovine pneumonic pasteurellosis: model for Pasteurella haemolytica– and Pasteurella multocida–induced pneumonia in cattle. Panciera RJ, et al. **Am J Vet Res** 1984 Dec;45(12):2532–7

Pulmonary cavitation and massive hemoptysis in invasive pulmonary aspergillosis. Influence of bone marrow recovery in patients with acute leukemia. Albelda SM, et al. **Am Rev Respir Dis** 1985 Jan;131(1):115–20

A comparison of the ferruginous body and uncoated fiber content in the lungs of former asbestos workers. Dodson RF, et al. **Am Rev Respir Dis** 1985 Jul;132(1):143–7

Blood and lung mononuclear cell inhibition of fibroblast growth in sarcoidosis. Elias JA, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1050–7

Lung disease in long–term cigarette smokers with and without chronic air–flow obstruction. Hale KA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):716–21

Diagnosis of pulmonary amyloidosis by transbronchial biopsy. Kline LR, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):191–4

The effects of chronic bronchitis and chronic air–flow obstruction on lung cell populations recovered by bronchoalveolar lavage. Martin TR, et al. **Am Rev Respir Dis** 1985 Aug;132(2):254–60

Neonatal lung neutrophils and elastase/proteinase inhibitor imbalance. Ogden BE, et al. **Am Rev Respir Dis** 1984 Nov; 130(5):817–21

Deterioration of oxygenation and abnormal lung microvascular permeability during resolution of leukopenia in patients with diffuse lung injury. Rinaldo JE, et al. **Am Rev Respir Dis** 1985 Apr;131(4):579–83

Transbronchial needle aspiration in the diagnosis of pneumonia in a canine model. Shure D, et al. **Am Rev Respir Dis** 1985 Feb;131(2):290–1

Lung damage induced by butylated hydroxytoluene in mice. Biochemical, cellular, and morphologic characterization. Smith LJ. **Am Rev Respir Dis** 1984 Nov;130(5):895–904

Immunohistochemical identification of cell types in normal and in bleomycin–induced fibrotic rat lung. Cellular origins of interstitial cells. Woodcock–Mitchell J, et al. **Am Rev Respir Dis** 1984 Nov;130(5):910–6

Lung biopsy in rheumatoid arthritis. Yousem SA, et al. **Am Rev Respir Dis** 1985 May;131(5):770–7

Idiopathic pulmonary haemosiderosis. The peri–operative anaesthetic management of a patient for open lung biopsy. Whitehurst P, et al. **Anaesthesia** 1985 Jan;40(1):37–41

Solubility of rockwool fibres in vivo and the formation of pseudo–asbestos bodies. Morgan A, et al. **Ann Occup Hyg** 1984;28(3):307–14

Ferruginous body formation on a nonasbestos mineral. Dodson RF, et al. **Arch Pathol Lab Med** 1985 Sep; 109(9):849–52

Asbestos bodies found in infant lungs [letter] Haque AK, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):212

Potter's syndrome associated with renal agenesis or dysplasia. Morphological and biochemical study of the lung. Nakamura Y, et al. **Arch Pathol Lab Med** 1985 May; 109(5):441–4

Diffuse alveolar damage and interstitial fibrosis in acquired immunodeficiency syndrome patients without concurrent pulmonary infection. Ramaswamy G, et al. **Arch Pathol Lab Med** 1985 May;109(5):408–12

A study of cartilaginous nodules in the lungs of domestic poultry. Sarango JA, et al. **Avian Dis** 1985 Jan–Mar; 29(1):116–27

Double inlet ventricle. Lung biopsy findings and implications for management. Juaneda E, et al. **Br Heart J** 1985 May; 53(5):515–9

The influence of transbronchial lung biopsy and bronchoalveolar lavage on arterial blood gas changes occurring in patients with diffuse interstitial lung disease. Hendy MS, et al. **Br J Dis Chest** 1984 Oct;78(4):363–8

Lung biopsy [editorial] Macfarlane J. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):97–8

Lung, heart and liver lesions in adult red deer: a histopathological survey. Munro R, et al. **Br Vet J** 1985 Jul–Aug;141(4):388–96

Lung lesions in bovine fetuses aborted by Brucella abortus. López A, et al. **Can J Comp Med** 1984 Jul;48(3):275–7

Value of open–lung biopsy in 87 immunocompromised patients with pulmonary infiltrates. Cheson BD, et al. **Cancer** 1985 Jan 15;55(2):453–9

The value of the bone scan and bone marrow biopsy staging small cell lung cancer. Levitan N, et al. **Cancer** 1985 Aug 1;56(3):652–4

Differential effects of 12–O–tetradecanoylphorbol–13–acetate on cultured normal and neoplastic human bronchial epithelial cells. Willey JC, et al. **Cancer Res** 1984 Nov; 44(11):5124–6

The diagnostic yield of repeat transbronchial lung biopsy [letter] Che H. **Chest** 1985 Jul;88(1):158

Persistence of Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome. Evaluation of therapy by follow–up transbronchial lung biopsy. DeLorenzo LJ, et al. **Chest** 1985 Jul;88(1):79–83

Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome (AIDS). Diagnosis with bronchial brushings, biopsy, and bronchoalveolar lavage. Hartman B, et al. **Chest** 1985 May;87(5):603–7

Intrapulmonary lymph nodes. Clinical, radiologic, and pathologic features. Kradin RL, et al. **Chest** 1985 May; 87(5):662–7

Open lung biopsy in immunocompromised patients. McKenna RJ Jr, et al. **Chest** 1984 Nov;86(5):671–4

Bronchial and transbronchial lung biopsy without fluoroscopy in sarcoidosis. Puar HS, et al. **Chest** 1985 Mar; 87(3):303–6

Percutaneous needle biopsy of lung lesions [letter] St. Louis EL, et al. **Chest** 1984 Dec;86(6):940–1

Comparison of forceps used for transbronchial lung biopsy. Bigger may not be better. Smith LS, et al. **Chest** 1985 May; 87(5):574–6

Inhalation of horseradish peroxidase by rabbits with specific IgE antibodies results in release into the circulation of platelet–activating factor and in lung lesions. Camussi G, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):333–44

Overview of the pathology of pulmonary emphysema in the human. Thurlbeck WM. **Clin Lab Med** 1984 Sep; 4(3):539–59 (68 ref.)

Application of morphometric methods to study diffuse and focal injury in the lung caused by toxic agents. Barry BE, et al. **CRC Crit Rev Toxicol** 1985;14(1):1–32 (86 ref.)

Lung response to particulates with emphasis on asbestos and other fibrous dusts. Lee KP. **CRC Crit Rev Toxicol** 1985; 14(1):33–86 (278 ref.)

Medical grand rounds: a fatal case of pneumonia. Wetherill SF, et al. **Del Med J** 1985 Feb;57(2):79–84

New techniques for imaging and analyzing lung tissue. Roggli VL, et al. **Environ Health Perspect** 1984 Jun;56:163–83 (92 ref.)

Morphologic and physiologic response of lungs to steroid and cigarette smoke: an animal model. Matulionis DH, et al. **Environ Res** 1985 Apr;36(2):298–313

Pulmonary immune effector cells: II. Antigen–specific blastogenic responsiveness of lymphocyte populations during pulmonary immune complex disease in guinea pigs. LeFever AV, et al. **Exp Lung Res** 1984;7(1):23–39

Chronic cigarette smoke inhalation and aging in mice: 1. Morphologic and functional lung abnormalities. Matulionis DH. **Exp Lung Res** 1984;7(3–4):237–56

Morphological basis of tolerance to ozone. Evans MJ, et al. **Exp Mol Pathol** 1985 Jun;42(3):366–76

Ultrastructural and biochemical modifications of rabbit arteries induced by immunization with soluble elastin peptides. Jacob MP, et al. **Exp Mol Pathol** 1984 Oct; 41(2):171–90

Pulmonary vascular injury in pancreatitis: evidence for a major role played by pancreatic elastase. Lungarella G, et al. **Exp Mol Pathol** 1985 Feb;42(1):44–59

Experimental pulmonary fibrosis induced by trisodium citrate and acid–citrate–dextrose. Mitsuhashi T, et al. **Exp Mol Pathol** 1985 Apr;42(2):261–70

Open lung biopsies in congenital heart disease for evaluation of pulmonary vascular disease. Predictive value with regard to corrective operability. Wagenvoort CA. **Histopathology** 1985 Apr;9(4):417–36

Pathologic pulmonary findings in children with the acquired immunodeficiency syndrome: a study of ten cases. Joshi VV, et al. **Hum Pathol** 1985 Mar;16(3):241–6

Unusual pulmonary reaction to respiratory therapy in a premature newborn. McKay CA Jr, et al. **Hum Pathol** 1985 Jun;16(6):629–31

Pathogenicity of inhaled nickel compounds in hamsters. Wehner AP, et al. **IARC Sci Publ** 1984;(53):143–51

Pulmonary parenchymal changes in rheumatic mitral stenosis in India with special reference to the juvenile group. Randhawa PS, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):273–9

Percutaneous lung biopsy in mitral valve disease. Pendsey SP, et al. **Indian J Med Sci** 1984 Sep;38(9):177–80

Aspiration biopsy of peripheral lesions of lung. Chug A, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):7–10

Malignant fibrous histiocytoma of the lung. Banerjee A, et al. **Indian Pediatr** 1985 Mar;22(3):246–8

Pulmonary pathology in renal transplant recipients. Fairshter RD, et al. **Int J Artif Organs** 1984 Nov;7(6):327–30

Morphology of oleic acid–induced lung injury. Observations from computed tomography, specimen radiography, and histology. Hedlund LW, et al. **Invest Radiol** 1985 Jan–Feb; 20(1):2–8

Activated lung lymphocytes in hypersensitivity pneumonitis. Mornex JF, et al. **J Allergy Clin Immunol** 1984 Nov; 74(5):719–27

Oxygen–induced lung microvascular injury in neutropenic rabbits and lambs. Raj JU, et al. **J Appl Physiol** 1985 Mar; 58(3):921–7

Needle biopsy of the lung with Menghini needle. Shankar V, et al. **J Assoc Physicians India** 1985 Apr;33(4):297–8

Comparison of processing techniques for detection of Pneumocystis carinii cysts in open–lung biopsy specimens. Gay JD, et al. **J Clin Microbiol** 1985 Feb;21(2):150–1

Human pulmonary histopathological changes from marijuana smoking. Morris RR. **J Forensic Sci** 1985 Apr;30(2):345–9

Blastomycosis and the adult respiratory distress syndrome. Thiele JS, et al. **J La State Med Soc** 1984 Nov; 136(11):38–40

Hyperoxic lung injury: biochemical, cellular, and morphologic characterization in the mouse. Smith LJ. **J Lab Clin Med** 1985 Sep;106(3):269–78

Secretion of macrophage–derived growth factor during acute lung injury induced by bleomycin. Kovacs EJ, et al. **J Leukocyte Biol** 1985 Jan;37(1):1–14

Diphosphatidylglycerol in experimental acute alveolar injury in the dog. Liau DF, et al. **J Lipid Res** 1984 Jul;25(7):678–83

Asbestos bodies in randomised autopsy lungs in Thailand. Sri–umpai S, et al. **J Med Assoc Thai** 1985 Apr;68(4):174–82

A perimeter algorithm applied to lung pathology. Kemeny A, et al. **J Microsc** 1984 Dec;136 (Pt 3):329–35

Amiodarone lung toxicity: a human and experimental study. Costa–Jussà FR, et al. **J Pathol** 1984 Oct;144(2):73–9

Interstitial haemosiderin in the lungs of sudden infant death syndrome: a histological hallmark of 'near–miss' episodes? Stewart S, et al. **J Pathol** 1985 Jan;145(1):53–8

Histological changes in lungs at high altitude. Usha, et al. **J Sports Med Phys Fitness** 1984 Sep;24(3):225–9

Pulmonary trapping of platelets and fibrin after musculoskeletal trauma: an experimental model. Jansson I, et al. **J Trauma** 1985 Apr;25(4):288–98

Pulmonary hemorrhage in experimental cerebral ischemia in mongolian gerbils. Brain metabolism and lung pathology. Ishitsuka T, et al. **Jpn Heart J** 1984 Nov;25(6):1073–80

Histopathologic features of phorbol myristate acetate–induced lung injury. Taylor RG, et al. **Lab Invest** 1985 Jan;52(1):61–70

Effect of intrauterine ethanol exposure on fetal lung growth. Inselman LS, et al. **Pediatr Res** 1985 Jan;19(1):12–4

Duration of exposure—histological effects on broiler lungs, performance, and house environment with Mt. St. Helens' volcanic ash dust. Bland MC, et al. **Poult Sci** 1985 Jan; 64(1):51–8

Arachidonic acid metabolites as mediators of lung injury during intravascular complement activation. Gee MH, et al. **Prog Biochem Pharmacol** 1985;20:108–19

Pulmonary hamartoma: diagnosis by transthoracic needle–aspiration biopsy. Hamper UM, et al. **Radiology** 1985 Apr;155(1):15–8

Oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma. Khan A, et al. **Radiology** 1985 Aug;156(2):295–8

Bronchogenic carcinoma: staging with MR compared with staging with CT and surgery. Webb WR, et al. **Radiology** 1985 Jul;156(1):117–24

Relationships between counts of nasopharyngeal bacteria, temperature, humidity and lung lesions in veal calves. Jones CD, et al. **Res Vet Sci** 1984 Sep;37(2):132–7

Chronic lymphocytic pulmonary infiltrate and Bence–Jones proteinuria. Harrison RN. **Respiration** 1984;46(3):334–6

Experimental paraquat poisoning—histological, electron microscopic and autoradiographic changes in the lung. Rossouw DJ, et al. **S Afr Med J** 1984 Sep 29;66(13):485–9

Experimental studies on the effects of Mt. Sakurajima volcanic ashes on the respiratory organs. Shirakawa M, et al. **Sangyo Igaku** 1984 Mar;26(2):130–46

Analysis of asbestos fibers and asbestos bodies in tissue samples from human lung. An international interlaboratory trial. Gylseth B, et al. **Scand J Work Environ Health** 1985 Apr;11(2):107–10

Fine needle aspiration of the lung: a study of 53 consecutive cases. Lubin J, et al. **South Med J** 1985 Sep;78(9):1049–52

The pathology of asbestos related disease. Davis JM. **Thorax** 1984 Nov;39(11):801–8 (34 ref.)

Asbestosis: assessment by bronchoalveolar lavage and measurement of pulmonary epithelial permeability. Gellert AR, et al. **Thorax** 1985 Jul;40(7):508–14

Cryptogenic fibrosing alveolitis: pattern of disease in the lung. Wright PH, et al. **Thorax** 1984 Nov;39(11):857–61

Pulmonary changes in congenital heart disease with Down's syndrome: their significance as a cause of postoperative respiratory failure. Yamaki S, et al. **Thorax** 1985 May;

40(5):380-6

Experimental emphysematous bullae induced by methylcholanthrene and carrageenan. Mitsuhashi T, et al. **Tohoku J Exp Med** 1985 Mar;145(3):341-51

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein. Kutzman RS, et al. **Toxicology** 1985 Feb;34(2):139-51

Microscopic lesions associated with the isolation of Haemophilus somnus from pneumonic bovine lungs. Andrews JJ, et al. **Vet Pathol** 1985 Mar;22(2):131-6

Immunomorphologic and morphometric changes in pulmonary lymph nodes of sheep with progressive pneumonia. Ellis JA, et al. **Vet Pathol** 1985 Jan;22(1):32-41

Identification of endotoxin-positive cells in the rat lung during shock. Freudenberg N, et al. **Virchows Arch [A]** 1984;404(2):197-211

Morphological, histochemical and histoenzymatic investigations on the lungs of mice chronically infected with influenza virus type A. Diaconiţă G, et al. **Virologie** 1985 Jan-Mar;36(1):11-4

[Percutaneous biopsy of the lung and pleura in the diagnosis of intrathoracic masses—report of 68 cases] Su SY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):293-5 (Eng. Abstr.) **(Chi)**

[Transcatheter lung biopsy and its use in the diagnosis of pulmonary diseases] Xu SD. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):346-8, 382-3 (Eng. Abstr.) **(Chi)**

[The diagnostic value of transbronchial lung biopsy via bronchofiberscope in the peripheral solitary pulmonary lesion with emphasis on its pathological basis] Zhou ZL. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):92-4 (Eng. Abstr.) **(Chi)**

[Transbronchial lung biopsy using the bronchofibroscope in pulmonary diseases: analysis of 173 cases] Wu HC, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):133-5, 188 (Eng. Abstr.) **(Chi)**

[Percutaneous aspiration needle biopsy of the lung] Cui ZH. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):359-61, 383 (Eng. Abstr.) **(Chi)**

[Changes in pneumocytes in fibrosing alveolitis] Dobiáš J. **Cesk Patol** 1985 Feb;21(1):1-4 (Eng. Abstr.) **(Cze)**

[Value of alveolar lavage and transbronchial biopsy in the diagnosis of isolated sarcoid uveitis] Boscher C, et al. **J Fr Ophtalmol** 1985;8(2):159-63 (Eng. Abstr.) **(Fre)**

[Tracheal stenosis in the cat: anatomopathologic repercussions on the pulmonary parenchyma] Reichart E, et al. **Respiration** 1984;46(2):187-200 (Eng. Abstr.) **(Fre)**

[Bronchoalveolar lavage as a diagnostic method in intensive therapy] Joka T, et al. **Anasth Intensivther Notfallmed** 1985 Apr;20(2):79-83 (Eng. Abstr.) **(Ger)**

[Ossifying bronchial carcinoid in childhood. Report of a clinical case] Bürrig KF, et al. **Pathologe** 1985 Mar;6(2):96-100 **(Ger)**

[Changes in the intensity of ultrasound echography in the fetal lung in the last trimester as a possible indication of lung maturity] Fendel H, et al. **Z Geburtshilfe Perinatol** 1984 Nov-Dec;188(6):269-71 (Eng. Abstr.) **(Ger)**

[Histomorphologic lung findings in long-term artificial respiration with special reference to extreme continuous artificial respiration using pure oxygen] Ritter C, et al. **Z Rechtsmed** 1985;94(1):41-9 (Eng. Abstr.) **(Ger)**

[Pathomorphological picture of the lung in polytraumatized patients] Réffy A, et al. **Magy Traumatol Orthop Helyreallito Sebesz** 1985;28(1):65-70 (Eng. Abstr.) **(Hun)**

[Various visceral changes in scleroderma] Moroni P, et al. **G Ital Dermatol Venereol** 1984 Jul-Aug;119(4):275-7 (Eng. Abstr.) **(Ita)**

[Early effects of lung lesions due to asbestos on the hemodynamics of pulmonary circulation. Observations in 15 cases] Tomasini M, et al. **Med Lav** 1984 Jul-Aug;75(4):306-12 (Eng. Abstr.) **(Ita)**

[Cytological aspects of primary pulmonary carcinomas on percutaneous fine-needle aspirates. Contribution of 74 cases] d'Alessio C, et al. **Pathologica** 1984 Nov-Dec;76(1046):669-76 (Eng. Abstr.) **(Ita)**

[Implication of the bronchoscopic examination in sarcoidosis (transbronchial lung biopsy, endoscopic findings and bronchoalveolar lavage)] Maezato K. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):86-97 (Eng. Abstr.) **(Jpn)**

[A histopathological study on vascular and interstitial changes in the lungs of collagen diseases and a comparison with interstitial pneumonia] Homma S. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):332-47 (Eng. Abstr.) **(Jpn)**

[Diagnosis of pulmonary infiltrate in hematologic disorders--with special reference to transbronchial lung biopsy] Ishizaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1134-41 (Eng. Abstr.) **(Jpn)**

[Comparative pulmonary histopathology of sarcoidosis, chronic beryllium disease and hypersensitivity pneumonitis] Kitaichi M. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):769-82 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary lymphangiomyomatosis diagnosed by TBLB and treated with progesterone and oophorectomy] Kuwabara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):795-9 (Eng. Abstr.) **(Jpn)**

[Acute pancreatitis and the lung—a comparative study with lung lesions induced by trypsin infusion] Natsume T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):666-75 (Eng. Abstr.) **(Jpn)**

[Pathological studies on farmer's lung by transbronchial lung biopsy] Sudo M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May;22(5):370-5 (Eng. Abstr.) **(Jpn)**

[A case of T-cell malignant lymphoma with huge thin-walled cavities in the lung after chemotherapy] Yamaguchi E, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):939-43 (Eng. Abstr.) **(Jpn)**

[Asbestos exposure and asbestos-related lung findings. A cross-sectional study in Telemark] Hilt B, et al. **Tidsskr Nor Laegeforen** 1985 Jun 30;105(19-21):1318-21 (Eng. Abstr.) **(Nor)**

[Relation between serum carcinoembryonic antigen (CEA) level and microscopic features of lung cancer] Ochnio J, et al. **Pneumonol Pol** 1984 Jul;52(7):331-9 (Eng. Abstr.) **(Pol)**

[Anatomopathological aspects of the lung in the postoperative period of cardiac surgery] Barros M de M. **Arq Bras Cardiol** 1984 Sep;43(3):195-9 **(Por)**

[Pulmonary pneumocystosis in an adult patient] Samsonov VA, et al. **Arkh Patol** 1985;47(2):71-2 (Eng. Abstr.) **(Rus)**

[Causes of lethality in acute abscesses and gangrene of the lungs] Ostrovskiĭ VK, et al. **Grudn Khir** 1985 May-Jun;(3):61-3 (Eng. Abstr.) **(Rus)**

[Morphological changes in the pancreas, liver and lungs in acute postoperative pancreatitis] Lupal'tsov VI, et al. **Klin Khir** 1984 Nov;(11):39-40 (Eng. Abstr.) **(Rus)**

[Morphologic characteristics of pathological changes in the lungs in experimental tuberculosis in rats with immunodeficiency, and its correction] Aleksandrova AE, et al. **Probl Tuberk** 1984 Aug;(8):58-62 (Eng. Abstr.) **(Rus)**

[Transbronchial biopsy in the diagnosis of disseminated and interstitial lung diseases] Dobrev P, et al. **Probl Tuberk** 1984 Dec;(12):23-6 (Eng. Abstr.) **(Rus)**

[Transbronchial biopsy of the lungs in the diagnosis of disseminated processes] Filippov VP, et al. **Probl Tuberk** 1985;(3):23-7 (Eng. Abstr.) **(Rus)**

[Case of necrotizing sarcoid-like granulomatosis associated with a tuberculous lesion of the lungs] Gomoliako IV, et al. **Probl Tuberk** 1984 Nov;(11):67-8 **(Rus)**

[Formation of residual changes after successful treatment of pulmonary tuberculosis] Groza GN, et al. **Probl Tuberk** 1984 Oct;(10):72-3 **(Rus)**

[Comparative evaluation of the results of diagnostic thoracotomy and thoracoscopy with biopsy in disseminated lung diseases] Kazakov AF, et al. **Probl Tuberk** 1984 Aug;(8):26-8 (Eng. Abstr.) **(Rus)**

[Role of the morphometric method of examining the lungs in expert examination of the cadavers of newborn infants] Gersamiia GK. **Sud Med Ekspert** 1984 Oct-Dec;27(4):14-6 (Eng. Abstr.) **(Rus)**

[Morphological changes in the lungs and cerebral blood vessels in acute alcoholic intoxication] Naumenko VG, et al. **Sud Med Ekspert** 1984 Jul-Sep;27(3):23-5 **(Rus)**

[Changes in the lungs and vascular plexuses of the brain in chronic alcoholic intoxication] Naumenko VG, et al. **Sud Med Ekspert** 1984 Oct-Dec;27(4):33-6 (Eng. Abstr.) **(Rus)**

[Neuroendocrine cells (APUD) in adult human lung] Guzmán Silva MA. **Acta Cient Venez** 1984;35(2):127-30 (Eng. Abstr.) **(Spa)**

[Pathology review. Pneumocystis carinii pneumonia] Castillo M. **Bol Asoc Med PR** 1983 Jul;75(7):300-1 **(Spa)**

[Pulmonary and renal injuries in acute pancreatitis. Retrospective study of autopsy material] Dominguez Malagón HR, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):69-74 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The level of anaerobic threshold determined from the gas exchange and acid-base equilibrium of the blood in women and men. Blachura L, et al. **Acta Physiol Pol** 1984 Jan-Feb;35(1):85-92

Determination of pulmonary parameters (VA, DLO2) from arterial O2 and CO2 partial pressures during exercise. Mertzlufft F, et al. **Adv Exp Med Biol** 1984;180:393-402

Ageing and lung function. Fowler RW. **Age Ageing** 1985 Jul;14(4):209-15

Effects of topical betaxolol, timolol, and placebo on pulmonary function in asthmatic bronchitis [letter] Spiritus EM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):492-4

Lung microvascular permeability to dextran in alpha-naphthylthiourea-induced edema. Sites of filtration, patterns of accumulation, and effects of fixation. Michel RP. **Am J Pathol** 1985 Jun;119(3):474-84

Endotoxin alters biochemical and morphological responses to pneumonectomy in adult rats. Sosenko IR, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R125-32

Effect of somatic growth on pulmonary function values in healthy Friesian cattle. Lekeux P, et al. **Am J Vet Res** 1984 Oct;45(10):2003-7

American Lung Association 81st annual meeting; American Thoracic Society 80th annual meeting; Congress of Lung Association Staff 73rd annual meeting. May 12-15, 1985, Anaheim. Abstracts. **Am Rev Respir Dis** 1985 Apr;131(4 Pt 2):A1-440

Pulmonary function in subjects at the extremes of stature. Aitken ML, et al. **Am Rev Respir Dis** 1985 Jan;131(1):166-8

Symptoms, pulmonary function, and bronchial hyperreactivity in western red cedar workers compared with those in office workers. Chan-Yeung M, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1038-41

Distribution of forced expiratory volume in one second and forced vital capacity in healthy, white, adult never-smokers in six U.S. cities. Dockery DW, et al. **Am Rev Respir Dis** 1985 Apr;131(4):511-20

Elevated lung volume and alveolar pressure during jet ventilation of rabbits. Frantz ID 3d, et al. **Am Rev Respir Dis** 1985 Jan;131(1):134-8

Variability in measurements of pressure-volume curves in normal subjects. McCuaig KE, et al. **Am Rev Respir Dis** 1985 Apr;131(4):656-8

Lung function and exercise performance in smoking and nonsmoking asbestos-exposed workers. Sue DY, et al. **Am Rev Respir Dis** 1985 Sep;132(3):612-8

Effect of cigarette smoking on the pulmonary function of children and adolescents. Tager IB, et al. **Am Rev Respir Dis** 1985 May;131(5):752-9

The UCLA population studies of chronic obstructive respiratory disease. VIII. Effects of smoking cessation on lung function: a prospective study of a free-living population. Tashkin DP, et al. **Am Rev Respir Dis** 1984 Nov;130(5):707-15

Redistribution of retained particles. Effect of hyperpnea. Valberg PA, et al. **Am Rev Respir Dis** 1985 Feb;131(2):273-80

High-frequency ventilation attenuation of hypoxic pulmonary vasoconstriction. The role of prostacyclin. Wetzel RC, et al. **Am Rev Respir Dis** 1985 Jul;132(1):99-103

One-lung ventilation and hypoxic pulmonary vasoconstriction: implications for anesthetic management. Benumof JL. **Anesth Analg** 1985 Aug;64(8):821-33 (115 ref.)

An epidemiological study of lung functions and hearing acuity in Singapore firemen. Phoon WO, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):408-16

Serum IgG, IgA, IgM, IgE, salivary IgA levels and lung function in a healthy male population from the Italian Air Force: a preliminary study. D'Amelio R, et al. **Ann Allergy** 1984 Nov;53(5):432-5

Analysis of the pressure-volume relationship of excised lungs. Axe JR, et al. **Ann Biomed Eng** 1985;13(2):101-17

Static mechanics of excised whole lung: pleural mechanics. Ligas JR, et al. **Ann Biomed Eng** 1984;12(5):437-48

Static mechanics of excised whole lung: theoretical framework and experimental studies. Ligas JR, et al. **Ann Biomed Eng** 1984;12(5):421-35

Family resemblance for normal pulmonary function. Devor EJ, et al. **Ann Hum Biol** 1984 Sep-Oct;11(5):439-48

Pulmonary implications of resuscitative manoeuvres. Creagh-Barry PC, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):254-6

Lung function and plasma levels of thromboxane B2, 6-ketoprostaglandin F1 alpha and beta-thromboglobulin in antigen-induced asthma before and after indomethacin pretreatment. Shephard EG, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):459-70

The relationship between airway size and lung size. Hanna GM, et al. **Br J Dis Chest** 1985 Apr;79(2):183-8

Pharmacological modulation of responses of guinea-pig airways contracted with arachidonic acid. Burka JF. **Br J Pharmacol** 1985 Jun;85(2):421-5

Pharmacological modulation of responses of guinea-pig airways contracted with antigen and calcium ionophore A23187. Burka JF. **Br J Pharmacol** 1985 Jun;85(2):411-20

Determinants of the slope of phase III of the single breath nitrogen test. Berend N, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):521-7

Factors affecting the distribution of transpulmonary pressure in animals and in man. D'Angelo E. **Bull Eur Physiopathol Respir** 1984 Sep-Oct;20(5):415-22

Is airway mucociliary clearance of clinical relevance? Wanner A. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):477-80

Pulmonary surfactant. Possmayer F, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1121-33 (54 ref.)

Lung function in Canadian Inuit: a follow-up study. Rode A, et al. **Can Med Assoc J** 1984 Oct 1;131(7):741-4

Pulmonary host defense mechanisms. Harada RN, et al. **Chest** 1985 Feb;87(2):247-52 (45 ref.)

Pulmonary function in singers and wind-instrument players. Schorr-Lesnick B, et al. **Chest** 1985 Aug;88(2):201-5

Serial studies of pulmonary function in continuous ambulatory peritoneal dialysis. A prospective study. Singh S, et al. **Chest** 1984 Dec;86(6):874-7

Peritoneal dialysis and pulmonary function [editorial] Winchester JF. **Chest** 1984 Dec;86(6):806-7

Heart, lungs, and blood as an integrated system: the alveolar-capillary barrier and the cardiorespiratory apparatus. Fishman AP. **Circulation** 1984 Nov;70(5 Pt 2):III83-87

Regional lung function: physiology and clinical applications. Hughes JM. **Clin Physiol** 1985;5 Suppl 3:19-31

Reduction in maximal oxygen uptake at low altitudes; role of training status and lung function. Terrados N, et al. **Clin Physiol** 1985;5 Suppl 3:75-9

Pulmonary functions of rats trained with mild exercise. Yokoyama E, et al. **Comp Biochem Physiol [A]** 1984;79(3):483-6

Multicompartment model of lung dynamics. Peterman BF, et al. **Comput Biomed Res** 1984 Dec;17(6):580-9

Influence of high permeability synthetic membranes on gas exchange and lung function during hemodialysis. Fawcett S, et al. **Contrib Nephrol** 1985;46:83-91

Systemic cardiac output and distribution during high-frequency oscillation. Mirro R, et al. **Crit Care Med** 1985 Sep;13(9):724-7

Physiological basis and interpretation of indices of pulmonary mechanics. Drazen JM. **Environ Health Perspect** 1984 Jun; 56:3-9 (15 ref.)

The isolated perfused lung. Niemeier RW. **Environ Health Perspect** 1984 Jun;56:35-41 (55 ref.)

Pulmonary function testing in small laboratory mammals. O'Neil JJ, et al. **Environ Health Perspect** 1984 Jun;56:11-22 (74 ref.)

Airway resistance and deposition of particles in the lung. Svartengren M, et al. **Exp Lung Res** 1984;7(3-4):257-69

Pulmonary antioxidant defense mechanisms. White CW, et al. **Exp Lung Res** 1985;8(2-3):81-96 (98 ref.)

Effect of neutrophil migration induced by leukotriene B4 on protein permeability in sheep lung. Staub NC, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):30-5

Lung function of circumpolar residents undergoing acculturation--a ten year follow-up of Canadian Inuit. Rode A, et al. **Hum Biol** 1985 May;57(2):229-43

Evaluating lung function and anthropometric growth data in a longitudinal study on adolescents. Schrader PC, et al. **Hum Biol** 1984 May;56(2):365-81

Pulmonary function of Indian athletes and sportsmen: comparison with American athletes. Lakhera SC, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):187-94

Effects of anesthesia and surgery on pulmonary mechanisms and gas exchange. **Int Anesthesiol Clin** 1984 Winter; 22(4):1-189

The effects of thoracic surgery. Gothard JW, et al. **Int Anesthesiol Clin** 1984 Winter;22(4):45-57

The effect of anesthesia on airway caliber. Lehane JR. **Int Anesthesiol Clin** 1984 Winter;22(4):29-43 (29 ref.)

Lung function of workers exposed to antigens from a contaminated air-conditioning system. Pal TM, et al. **Int Arch Occup Environ Health** 1985;55(3):253-66

The immediate and short-term effects of corticosteroids on cholinergic hyperreactivity and pulmonary function in subjects with well-controlled asthma. Mattoli S, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):214-22

Decreased airway responsiveness to histamine in gold salt-treated guinea pigs. Yamauchi N, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):802-7

Analysis of the behavior of the respiratory system with constant inspiratory flow. Bates JH, et al. **J Appl Physiol** 1985 Jun;58(6):1840-8

Pulmonary blood flow vs. gas volume at various perfusion pressures in rabbit lung. Beck KC, et al. **J Appl Physiol** 1985 Jun;58(6):2004-10

Pulmonary resistance and compliance by auto- and cross-correlation functions of transpulmonary pressure and flow. Clément J, et al. **J Appl Physiol** 1984 Nov; 57(5):1448-53

Cardiopulmonary reflexes and blood pressure in exercising sinoaortic-denervated dogs. Daskalopoulos DA, et al. **J Appl Physiol** 1984 Nov;57(5):1417-21

Effect of outflow pressure on lung lymph flow in unanesthetized sheep. Drake R, et al. **J Appl Physiol** 1985 Jan;58(1):70-6

Adaptation to reflex effects of prolonged lung inflation. Grippi MA, et al. **J Appl Physiol** 1985 Apr;58(4):1360-71

Pleural stress pressure as a force to control liquid accumulation and maintain lung expansion. Harada K, et al. **J Appl Physiol** 1985 Feb;58(2):339-45

Effect of body orientation on regional lung expansion: a computed tomographic approach. Hoffman EA. **J Appl Physiol** 1985 Aug;59(2):468-80

Effect of body orientation on regional lung expansion in dog and sloth. Hoffman EA, et al. **J Appl Physiol** 1985 Aug; 59(2):481-91

Model simulation of single-breath washout of insoluble gases from dog lungs. Hook C, et al. **J Appl Physiol** 1985 Mar; 58(3):802-11

Influence of the heart on the vertical gradient of transpulmonary pressure in dogs. Hyatt RE, et al. **J Appl Physiol** 1985 Jan;58(1):52-7

Airway pressures in an asymmetrically branched airway model of the dog respiratory system. Jackson AC, et al. **J Appl Physiol** 1984 Oct;57(4):1223-30

Change in extra-alveolar perimicrovascular pressure with lung inflation. Jasper AC, et al. **J Appl Physiol** 1984 Sep; 57(3):772-6

Limitations of Zilversmit approach to analysis of precursor-product relationships. Jones ME, et al. **J Appl Physiol** 1984 Sep;57(3):892-8

Effect of the rebreathing pattern on pulmonary tissue volume and capillary blood flow. Kallay MC, et al. **J Appl Physiol** 1985 Jun;58(6):1881-94

Thermoelastic properties of uniaxially deformed lung strips. Karlinsky JB, et al. **J Appl Physiol** 1985 Feb;58(2):459-67

Effect of increased lung volume on perception of breathlessness, effort, and tension. Killian KJ, et al. **J Appl Physiol** 1984 Sep;57(3):686-91

Effects of chest wall on volume and strain patterns in canine lungs. Krell WS, et al. **J Appl Physiol** 1985 Apr; 58(4):1055-60

Sensitivity and specificity of the computational model for maximal expiratory flow. Lambert RK. **J Appl Physiol** 1984 Oct;57(4):958-70

Photographic measurement of pleural surface motion during lung oscillation. Lehr JL, et al. **J Appl Physiol** 1985 Aug; 59(2):623-33

Distortion of submerged dog lung lobes. Olson LE, et al. **J Appl Physiol** 1985 Aug;59(2):521-7

Regional differences in expansion in excised dog lung lobes. Olson LE, et al. **J Appl Physiol** 1984 Dec;57(6):1710-4

Assessment of fluid balance in isolated sheep lungs. Patterson GA, et al. **J Appl Physiol** 1985 Mar;58(3):882-91

Model of gas transport during high-frequency ventilation. Permutt S, et al. **J Appl Physiol** 1985 Jun;58(6):1956-70

Total respiratory input and transfer impedances in humans. Peslin R, et al. **J Appl Physiol** 1985 Aug;59(2):492-501

Regional interdependence in calf lungs. Robinson NE, et al. **J Appl Physiol** 1984 Nov;57(5):1393-8

Regional lung strain in dogs during deflation from total lung capacity. Rodarte JR, et al. **J Appl Physiol** 1985 Jan; 58(1):164-72

Location of flow-limiting segments via airway catheters near residual volume in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug;59(2):502-8

Flow limitation, cough, and patterns of aerosol deposition in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug; 59(2):515-20

Effect of distortion on the mechanical properties of newborn piglet lung. Sullivan KJ, et al. **J Appl Physiol** 1985 Aug; 59(2):434-42

Cardiogenic motion of right lung parenchyma in anesthetized intact dogs. Wei JH, et al. **J Appl Physiol** 1985 Feb; 58(2):384-91

Effect of resistive loading on inspiratory work output in anesthetized cats. Zocchi L, et al. **J Appl Physiol** 1984 Sep; 57(3):839-49

Effect of subject effort on pulmonary function measures: a preliminary investigation. Harm DL, et al. **J Asthma** 1984; 21(5):295-8

A non-linearly elastic, finite deformation analysis applicable to the static mechanics of excised lungs. Ligas JR. **J Biomech** 1984;17(8):549-52

Pressure change and gas mixing induced by oscillations in a closed system. Isabey D, et al. **J Biomech Eng** 1985 Feb; 107(1):68-76

A strain energy function for lung parenchyma. Stamenovic D, et al. **J Biomech Eng** 1985 Feb;107(1):81-6

Electrical currents flow out of domes formed by cultured epithelial cells. Sugahara K, et al. **J Cell Biol** 1984 Oct; 99(4 Pt 1):1541-4

Effects of pulmonary function on mortality. Beaty TH, et al. **J Chronic Dis** 1985;38(8):703-10

Intrapulmonary chemoreceptor control of ventilatory movements in the self-ventilating chicken. Barnas GM, et al. **J Exp Biol** 1985 Jan;114:121-30

Effects of raised air pressure on the cardio-respiratory function during exercise in man. Fukuba Y. **J Hum Ergol (Tokyo)** 1983 Dec;12(2):121-9

Monocyte inhibition of lung fibroblast growth: relationship to fibroblast prostaglandin production and density-defined monocyte subpopulations. Elias JA, et al. **J Leukocyte Biol** 1985 Jan;37(1):15-28

Nitrogen-13 and xenon-133 ventilation studies. van der Mark TW, et al. **J Nucl Med** 1984 Nov;25(11):1175-82

Isolated perfused rabbit lung as a model to study the absorption of organic aerosols. French MC, et al. **J Pharmacol Methods** 1985 Jun;13(3):241-8

A comparison of lung volumes between divers and submariners in the Royal Navy. Clifford GM, et al. **J R Nav Med Serv** 1984 Winter;70(3):143-8

Stimulatory and inhibitory activities of lung-conditioned medium on the growth of normal and neoplastic cells in vitro. Szaniawska B, et al. **JNCI** 1985 Aug;75(2):303-6

A problem intrinsic to the measurements of the pulmonary extravascular water volume by the thermal-dye technic with the sampling site in the bifurcation of the aorta. Thermal equilibrium with the aortic wall. Kambara K, et al. **Jpn Circ J** 1985 Mar;49(3):301-10

Lung volume and compliance in neonatal rats. Newman LM, et al. **Lab Anim Sci** 1984 Aug;34(4):371-5

Pulmonary physiology of the ferret and its potential as a model for inhalation toxicology. Vinegar A, et al. **Lab Anim Sci** 1985 Jun;35(3):246-50

The mechanism of action of leukotrienes A4, C4 and D4 on human lung parenchyma in vitro. Chagnon M, et al. **Lung** 1985;163(1):55-62

Response of the lung to inhaled particles. Hogg JC. **Med J Aust** 1985 Jun 24;142(13):675-8

Plasma-lymph albumin kinetics, total lymph flow, and tissue hematocrit in normally hydrated dog lungs. Parker JC, et al. **Microvasc Res** 1984 Sep;28(2):254-69

Indomethacin and the cardiopulmonary adaptations of transition. Hammerman C, et al. **Pediatr Res** 1984 Sep; 18(9):842-5

Effect of body position on pulmonary function. Dean E. **Phys Ther** 1985 May;65(5):613-8

Physiology laboratories quantifying gas exchange in health and disease. Olson LE. **Physiologist** 1985 Jun;28(3):170-2

The influence of passive smoking on pulmonary function--a study of 1,351 office workers. Kentner M, et al. **Prev Med** 1984 Nov;13(6):656-69

Influence of passive smoking on pulmonary function: a survey. Lebowitz MD. **Prev Med** 1984 Nov;13(6):645-55 (66 ref.)

Lung dynamics and uptake of smoke constituents by nonsmokers--a survey. Stöber W. **Prev Med** 1984 Nov; 13(6):589-601 (37 ref.)

Determination of the ratio of the contractions, induced by thromboxane A2 in the guinea pig lung parenchymal strip after exogenous administration and formation in the tissue. Zijlstra FJ, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):143-6

High frequency oscillation of the lungs alone lengthens expiration in dogs. Banzett RB, et al. **Respir Physiol** 1985 Jul;61(1):57-67

Stimulus-response curves of the lung inflation cardio-depressor reflex. Cassidy SS. **Respir Physiol** 1984 Aug;57(2):259-68

Respiration and lung function in the mouse, Mus musculus (with a note on mass exponents and respiratory variables). Depledge MH. **Respir Physiol** 1985 Apr;60(1):83-94

Responses of early and late onset phrenic motoneurons to lung inflation. Donnelly DF, et al. **Respir Physiol** 1985 Jul; 61(1):69-83

The matching of ventilation and perfusion in the lung of the Tegu lizard, Tupinambis nigropunctatus. Hlastala MP, et al. **Respir Physiol** 1985 Jun;60(3):277-94

Lung volume changes during respiration in ducks. Jones JH, et al. **Respir Physiol** 1985 Jan;59(1):15-25

Alveolar liquid pressure measured using micropipets in isolated rabbit lungs. Lai-Fook SJ, et al. **Respir Physiol** 1984 Jul;57(1):61-72

Stimulation of group III and IV muscle afferents reflexly decreases total pulmonary resistance in dogs. Rybicki KJ, et al. **Respir Physiol** 1985 Feb;59(2):185-95

Effects of high frequency ventilation on lung lymph dynamics and prostaglandin generation. Van der Zee H, et al. **Respir Physiol** 1985 Jul;61(1):31-42

Respiratory functional changes on intratracheal challenge of sensitized rats. Carswell F, et al. **Respiration** 1985; 47(2):138-50

Elementary complex number analysis of lung models. Imberger H. **Respiration** 1985;47(1):57-69

Respiratory function during pregnancy. Liberatore SM, et al. **Respiration** 1984;46(2):145-50

Effects of position on respiratory muscle function during CO2 rebreathing. Lopata M, et al. **Respiration** 1985; 47(2):98-106

Developmental alterations in pulmonary function of the lamb. Shaffer TH, et al. **Respiration** 1985;47(2):129-37

Applied physiology of marathon running. Sjödin B, et al. **Sports Med** 1985 Mar-Apr;2(2):83-99 (83 ref.)

Increase in mucociliary clearance in normal man induced by oral high frequency oscillation. George RJ, et al. **Thorax** 1985 Jun;40(6):433-7

Spirometric lung function tests in normal non-smoking Ethiopian men and women. Mengesha YA, et al. **Thorax** 1985 Jun;40(6):465-8

Vasoactive intestinal peptide counteracts leukotriene D4-induced contractions of guinea pig trachea, lung, and pulmonary artery. Hamasaki Y, et al. **Trans Assoc Am Physicians** 1983;96:406-11

Relations of smoking and diving experience to pulmonary function among U.S. Navy divers. Dembert ML, et al. **Undersea Biomed Res** 1984 Sep;11(3):299-304

Socio-economic status and lung function in Jamaican children. Melville GN, et al. **West Indian Med J** 1984 Sep; 33(3):190-4

[The effect of long-term passive smoking on pulmonary function] Ding DJ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):359-62, 383 (Eng. Abstr.) **(Chi)**

[Testing of lung function during exercise in healthy adults] He D. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):162-5, 192 (Eng. Abstr.) **(Chi)**

[Comments on pneumonology workplaces in West Germany] Homolka J. **Cas Lek Cesk** 1984 Aug 10;123(32):1002 **(Cze)**

[Technics for artificial ventilation of a single lung during thoracotomy] Debaert-Paquet A, et al. **Ann Fr Anesth Reanim** 1984;3(5):392-5 (Eng. Abstr.) **(Fre)**

[Isolated and perfused lung of the guinea pig] Trockle G, et al. **J Pharmacol** 1984 Oct-Dec;15(4):447-52 **(Fre)**

[The surfactant system of the lung as a functional unit] von Seefeld H, et al. **Fortschr Med** 1984 Oct 18;102(39):977-81 (35 ref.) (Eng. Abstr.) **(Ger)**

[Physiological and pathophysiological connections of the upper and lower airways with special reference to immunological and nonimmunological diseases of the respiratory tract] Kunkel G. **Internist (Berlin)** 1985 Apr; 26(4):195-200 **(Ger)**

[Contribution to the development of preventive measures for children from industrial areas] Thielebeule U, et al. **Z Gesamte Hyg** 1985 Mar;31(3):174-6 (Eng. Abstr.) **(Ger)**

[Comparative study of the behavior of particulate emissions from diesel and gasoline engines in animal lungs: elimination rate and induction of benzo(a)pyrene hydroxylase and ethoxycoumarin de-ethylase] Dehnen W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Mar; 180(4):351-8 (Eng. Abstr.) **(Ger)**

[Pulmonary function in pregnancy] Shiraishi T.

Kokyu To Junkan 1985 Apr;33(4):488–95 (Jpn)

[Pulmonary function in artificial ventilation] Suwa K. **Kokyu To Junkan** 1984 Oct;32(10):1013–7 (Jpn)

[Clinical application of a capacitance pneumograph] Nagao K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):970–8 (Eng. Abstr.) (Jpn)

[The 6 hearts of man: an essay] Rigatto M. **Arq Bras Cardiol** 1984 Sep;43(3):149–60 (Eng. Abstr.) (Por)

[Evaluation of the physical properties of human lungs based on research on airway resistance] Kuznetsova VK, et al. **Fiziol Cheloveka** 1985 Jan–Feb;11(1):55–68 (Rus)

[Lymph flow from the lungs in conditions of normal capillary permeability] Simbirtsev SA, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):925–31 (Eng. Abstr.) (Rus)

[Methodological bases for the differential assessment of the conditioning function of the respiratory apparatus in clinical practice] Agarkov FT, et al. **Ter Arkh** 1985; 57(3):73–7 (Eng. Abstr.) (Rus)

[Reproducibility of the flow–volume indices of healthy persons and patients with lung diseases] Logunov OV, et al. **Ter Arkh** 1985;57(3):88–91 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

Interobserver variation in assessment of respiratory signs. Physicians' guesses as to interobserver variation. Gjlrup T, et al. **Acta Med Scand** 1984;216(1):61–6

Lung function after repair of congenital diaphragmatic hernia. Freyschuss U, et al. **Acta Paediatr Scand** 198 Sep; 73(5):589–93

Solvent abuse associated pulmonary abnormalities. Schikler KN, et al. **Adv Alcohol Subst Abuse** 1984 Spring;3(3):75–81

Beneficial effects of ticlopidine on cardiopulmonary function of sickle cell patients not in crisis. Lonsdorfer J, et al. **Agents Actions [Suppl]** 1984;15:213–8

Airway resistance and lung function in exercise–induced asthma. Calvo M, et al. **Allergol Immunopathol (Madr)** 1985 Jan–Feb;13(1):45–52

Pulmonary mechanics in methacholine induced asthma. Romero–Colomer P, et al. **Allergol Immunopathol (Madr)** 1985 Mar–Apr;13(2):135–41

Medical and industrial hygiene characterization of the cotton waste utilization industry. Engleberg AL, et al. **Am J Ind Med** 1985;7(2):93–108

Carbon monoxide diffusing capacity as predictor of outcome in systemic sclerosis. Peters–Golden M, et al. **Am J Med** 1984 Dec;77(6):1027–34

Effect of low calorie intake on abnormal pulmonary physiology in patients with chronic hypercapneic respiratory failure. irlapur VG, et al. **Am J Med** 1984 Dec;77(6):987–94

Polyamines and the development of monocrotaline–induced pulmonary hypertension. Olson JW, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H682–5

Longitudinal study of the effects of lungworm infection on bovine pulmonary function. Lekeux P, et al. **Am J Vet Res** 1985 Jun;46(6):1392–5

Interactions of cold stress and Pasteurella haemolytica in the pathogenesis of pneumonic pasteurellosis in calves: changes in pulmonary function. Slocombe RF, et al. **Am J Vet Res** 1984 Sep;45(9):1764–70

Abnormal ventilation scans in middle–aged smokers. Comparison with tests of overall lung function. Barter SJ, et al. **Am Rev Respir Dis** 1985 Jul;132(1):148–51

Modification of pulmonary responses to endotoxemia in awake sheep by steroidal and nonsteroidal anti–inflammatory agents. Begley CJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1140–6

Lung mechanics in rachitic rats. Gaultier C, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1108–10

The effect of maintenance theophylline therapy on lung work in severe chronic obstructive pulmonary disease while standing and walking. Jenne JW, et al. **Am Rev Respir Dis** 1984 Oct;130(4):600–5

Pulmonary function in insulin–dependent diabetes mellitus with limited joint mobility. Schnapf BM, et al. **Am Rev Respir Dis** 1984 Nov;130(5):930–2

Postthoracotomy pain and pulmonary function following epidural and systemic morphine. Shulman M, et al. **Anesthesiology** 1984 Nov;61(5):569–75

Connective tissue in the lung: lessons from the Marfan syndrome [editorial] Pyeritz RE. **Ann Intern Med** 1985 Aug;103(2):289–90

Nucleus tractus solitarius lesions elevate pulmonary arterial pressure and lymph flow. Darragh TM, et al. **Ann Neurol** 1985 Jun;17(6):565–9

Lung involvement in Sjögren's syndrome: a comparison between patients with primary and with secondary syndrome. Vitali C, et al. **Ann Rheum Dis** 1985 Jul; 44(7):455–61

Phagocytic defense in the lung. Reynolds HY. **Antibiot Chemother** 1985;36:74–87 (40 ref.)

Pressure volume characteristics of the lungs in sudden infant death syndrome. Fagan DG, et al. **Arch Dis Child** 1985 May;60(5):471–3

Mycoplasma pneumoniae: acute illness, antibiotics, and subsequent pulmonary function. Sabato AR, et al. **Arch Dis Child** 1984 Nov;59(11):1034–7

Factors predisposing to abnormal pulmonary function after adenovirus type 7 pneumonia. Sly PD, et al. **Arch Dis Child** 1984 Oct;59(10):935–9

Lack of association between barotrauma and air leak in hyaline membrane disease. Tarnow–Mordi WO, et al. **Arch Dis Child** 1985 Jun;60(6):555–9

The effects of minor and moderately severe accidental chest injuries on pulmonary function in man. Little RA, et al. **Arch Emerg Med** 1984 Mar;1(1):29–35

Postsynaptic supersensitivity to agonists in lung strip from sensitized guinea–pigs. Morcillo E, et al. **Arch Farmacol Toxicol** 1985 Apr;11(1):19–25

Pulmonary dysfunction in 'free–base' cocaine users. Itkonen J, et al. **Arch Intern Med** 1984 Nov;144(11):2195–7

Pulmonary function studies in sarcoidosis. Esposito V, et al. **Arch Monaldi** 1984 Jan–Apr;39(1–2):91–4

Temporal pulmonary function changes in cervical cord injury. Haas F, et al. **Arch Phys Med Rehabil** 1985 Mar; 66(3):139–44

Mechanical ventilation: weaning criteria and methods. Fiastro JF, et al. **Ariz Med** 1985 May;42(5):298–300

Small airways function in nonsmokers with rheumatoid arthritis. Sassoon CS, et al. **Arthritis Rheum** 1984 Nov; 27(11):1218–26

Asbestosis and cryptogenic fibrosing alveolitis: a radiological and functional comparison. Cookson WO, et al. **Aust NZ J Med** 1984 Oct;14(5):626–30

Lung function in diffuse interstitial lung disease of unknown cause. Finucane KE, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):749–54

Mechanical properties of the lung in diffuse interstitial lung disease. Finucane KE, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):755–61

Adult respiratory distress syndrome: mechanisms of lung injury. Saunders NA. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):769–75

Application of the compartmentalization/airlock concept to aircraft and tolerance of lung to rapid decompression. Fang HS, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1015–9

Fall in vital capacity with posture. Allen SM, et al. **Br J Dis Chest** 1985 Jul;79(3):267–71

Effect of H1– and H2–receptor antagonists on sputum volume and lung function in patients with generalized bronchiectasis. Anderson J, et al. **Br J Dis Chest** 1985 Jul; 79(3):272–4

Alpha 1 antitrypsin and lung function in British coalminers. Boyd JE, et al. **Br J Ind Med** 1984 Nov;41(4):455–8

Pulmonary function of London firemen. Douglas DB, et al. **Br J Ind Med** 1985 Jan;42(1):55–8

Lung function, atopy, specific hypersensitivity, and smoking of workers in the enzyme detergent industry over 11 years. Flood DF, et al. **Br J Ind Med** 1985 Jan;42(1):43–50

Lung function after exposure to barley dust. McCarthy PE, et al. **Br J Ind Med** 1985 Feb;42(2):106–10

Acute lung function response to cotton dust in atopic and non–atopic individuals. Sepulveda MJ, et al. **Br J Ind Med** 1984 Nov;41(4):487–91

Effect of commercial diving on ventilatory function. Watt SJ. **Br J Ind Med** 1985 Jan;42(1):59–62

Acute exposure of symptomatic steelworkers to sulphur dioxide and carbon dust: effects on mucociliary transport, pulmonary function, and bronchial reactivity. Wolff RK, et al. **Br J Ind Med** 1984 Nov;41(4):499–505

Mood and pulmonary function in adult asthmatics: a pilot self–monitoring study. Steptoe A, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):87–94

Respiratory and pulmonary alterations in experimental Pneumocystis carinii pneumonia in rats. Brun–Pascaud M, et al. **Bull Eur Physiopathol Respir** 1985 Jan–Feb; 21(1):37–41

Interactions between chest wall, respiratory muscles and lung function in disease. Pride NB. **Bull Eur Physiopathol Respir** 1984 Sep–Oct;20(5):423–8

Homeostatic alterations with major trauma. Pulmonary dysfunction in trauma. Gelb AW. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):236–8

Manipulation of tissue forces in treating the adult respiratory distress syndrome. Oppenheimer L. **Can J Surg** 1985 Jul; 28(4):326–8

Changes in pulmonary function during and after bleomycin treatment in patients with testicular carcinoma. van Barneveld PW, et al. **Cancer Chemother Pharmacol** 1985; 14(2):168–71

Pulmonary involvement in mixed connective tissue disease. Derderian SS, et al. **Chest** 1985 Jul;88(1):45–8

Asbestosis, pulmonary symptoms and functional impairment in shipyard workers. Kilburn KH, et al. **Chest** 1985 Aug; 88(2):254–9

Small solute clearance from the lungs of patients with cardiogenic and noncardiogenic pulmonary edema. Mason GR, et al. **Chest** 1985 Sep;88(3):327–34

'Saw–tooth' pattern in the flow–volume loop [letter] Vincken W, et al. **Chest** 1985 Sep;88(3):480–1

Determinants of oxygenation during hemodialysis and related procedures. Sherlock JE, et al. **Contrib Nephrol** 1984; 41:342–51

Effects of advanced age on extravascular lung water accumulation during coronary artery bypass surgery. Gallagher JD, et al. **Crit Care Med** 1985 Feb;13(2):68–71

Effects of mechanical ventilation on cardiopulmonary function in children after open–heart surgery. Jenkins J, et al. **Crit Care Med** 1985 Feb;13(2):77–80

Effects of carbon monoxide on pulmonary fluid accumulation. Halebian P, et al. **Curr Surg** 1984 Sep–Oct; 41(5):369–71

Reticuloendothelial function in the clearance of microaggregates following trauma. Rogers FB, et al. **Curr Surg** 1985 Jul–Aug;42(4):292–5

Pulmonary function to measure response in small cell lung cancer. Aisner J, et al. **Eur J Cancer Clin Oncol** 1985 Apr; 21(4):409–11

An experimental method for in vivo studies of pulmonary platelet sequestration. Thörne J, et al. **Eur J Nucl Med** 1984;9(10):472–7

Lung function in children and adolescents with antecedents of acute rheumatic fever. Noseda A, et al. **Eur J Pediatr** 1985 May;144(1):53–5

Primary hypogammaglobulinaemia: impaired lung function and body growth with delayed diagnosis and inadequate treatment. Björkander J, et al. **Eur J Respir Dis** 1984 Oct; 65(7):529–36

The development of lung function in Sydney children: effects of respiratory illness and smoking. A ten year study. **Eur J Respir Dis [Suppl]** 1984;132:1–137

Pulmonary mechanical, ventilatory, and gas exchange abnormalities in rats with monocrotaline–induced pulmonary hypertension. Gillespie MN, et al. **Exp Lung Res** 1985;8(2–3):191–9

Two–year observation of pulmonary function in workers exposed to low concentrations of toluene diisocyanate. Omae K. **Int Arch Occup Environ Health** 1984;55(1):1–12

Pharmacokinetics and pharmacodynamics of three sustained–release theophylline preparations (Theograd, 350 mg Theolair Retard, and 300 mg Theolin Retard) in steady state in six normals and six patients with chronic asthmatic bronchitis––Part II: Lung function. van der Vet AP, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):339–44

Total respiratory compliance as a function of lung volume in patients with mechanical ventilation. Benito S, et al. **Intensive Care Med** 1985;11(2):76–9

Decelerating inspiratory flow waveform improves lung mechanics and gas exchange in patients on intermittent positive–pressure ventilation. Al–Saady N, et al. **Intensive Care Med** 1985;11(2):68–75

Immunologic release of histamine from dog lung: comparison of in vivo and in vitro responses in the same animal. Frey MJ, et al. **J Allergy Clin Immunol** 1984 Nov;74(5):728–37

Mediators, airway responsiveness, and asthma. Hargreave FE, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):272–6

Arachidonic acid derivatives as mediators of asthma. Lewis RA, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):259–64

Ventilatory acclimatization to hypoxia is not dependent on arterial hypoxemia. Busch MA, et al. **J Appl Physiol** 1985 Jun;58(6):1874–80

Transpulmonary passage of venous air emboli. Butler BD, et al. **J Appl Physiol** 1985 Aug;59(2):543–7

Airway reactivity and lung function in triiodothyronine–induced thyrotoxicosis. Irwin RS, et al. **J Appl Physiol** 1985 May;58(5):1485–8

Respiratory mechanics in mechanically ventilated patients with respiratory failure. Rossi A, et al. **J Appl Physiol** 1985 Jun;58(6):1849–58

Effects of starvation on lung mechanics and biochemistry in young and old rats. Sahebjami H, et al. **J Appl Physiol** 1985 Mar;58(3):778–84

Enhancement of particle deposition by flow–limiting segments in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug;59(2):509–14

Disordered pulmonary function in tetanus. Kokal KC, et al. **J Assoc Physicians India** 1984 Aug;32(8):691–5

Additive effect of intravascular complement activation and brief episodes of hypoxia in producing increased permeability in the rabbit lung. Larsen GL, et al. **J Clin Invest** 1985 Mar;75(3):902–10

Effect of mycobacterium bovis (BCG) infection on the kinetics of the mononuclear cell response within the lung. Collins FM, et al. **J Leukocyte Biol** 1984 Sep;36(3):321–32

Cardiorespiratory status in relation to mild deformity in adolescent idiopathic scoliosis. Leech JA, et al. **J Pediatr** 1985 Jan;106(1):143–9

Normal pulmonary function measurements and airway reactivity in childhood after mild bronchiolitis. McConnochie KM, et al. **J Pediatr** 1985 Jul;107(1):54–8

Vascular rings and slings: long–term follow–up of pulmonary function. Marmon LM, et al. **J Pediatr Surg** 1984 Dec; 19(6):683–92

Submarine painting: a cross–sectional epidemiological investigation into work–related symptoms and lung function. Woodroof GM. **J R Nav Med Serv** 1985 Summer; 71(2):98–100

Effect of early burn excision and grafting on pulmonary function. Demling RH. **J Trauma** 1984 Sep;24(9):830–4

Ibuprofen and diphenhydramine reduce the lung lesion of endotoxemia in sheep. Traber DL, et al. **J Trauma** 1984 Sep;24(9):835–40

Effect of a body burn on the lung response to endotoxin. Wong C, et al. **J Trauma** 1985 Jan;25(1):53–9

Effects of sudden exposure to high altitude on pulmonary functions. Hameed MA, et al. **JPMA** 1985 Jun;35(6):175–8

Effects of lung volume on body surface electrocardiogram. Isointegral analysis of body surface maps in patients with chronic pulmonary emphysema. Ikeda K, et al. **Jpn Circ J** 1985 Mar;49(3):284–91

Smoking, lung function, and alpha 1–antitrypsin deficiency. Janus ED, et al. **Lancet** 1985 Jan 19;1(8421):152–4

Waveform analysis for the detection of airways obstruction in man. Reddy DC, et al. **Med Biol Eng Comput** 1984 Nov; 22(6):481-5

Association of respiratory viral infections with pulmonary deterioration in patients with cystic fibrosis. Wang EE, et al. **N Engl J Med** 1984 Dec 27;311(26):1653-8

Lung distensibility and airway function in asthmatic children. Kraemer R, et al. **Pediatr Res** 1984 Nov;18(11):1154-9

Pulmonary dysfunction caused by diffuse lung inflammation. Roles of metabolites of arachidonic acid. Brigham KL. **Prog Biochem Pharmacol** 1985;20:26-37 (16 ref.)

Leukotriene C4 production during hypoxic pulmonary vasoconstriction in isolated rat lungs. Morganroth ML, et al. **Prostaglandins** 1984 Dec;28(6):867-75

Airway function in stage I and stage II pulmonary sarcoidosis. Argyropoulou PK, et al. **Respiration** 1984; 46(1):17-25

Pulmonary involvement in Sjögren's syndrome. Bariffi F, et al. **Respiration** 1984;46(1):82-7

Functional effects of pneumonectomy and bilobectomy for lung cancer. Begin P, et al. **Respiration** 1984;46(1):8-16

Airway responsiveness after antigen inhalation challenge in hypersensitive pneumonia. Hida W, et al. **Respiration** 1985; 47(1):11-20

Cerebral blood flow, oxygen, carbon dioxide tensions, and blood bicarbonate in controlling drive and timing in patients with chronic obstructive pulmonary diseases. Patakas D, et al. **Respiration** 1984;46(1):45-51

Effects of end-expiratory lung volume on lung mechanics in normal and edematous lungs. Richardson P, et al. **Respiration** 1985;47(2):90-7

Respiratory symptoms and pulmonary function among welders working with aluminum, stainless steel and railroad tracks. Sjögren B, et al. **Scand J Work Environ Health** 1985 Feb;11(1):27-32

Surface active material: influence of lung distension and mechanical ventilation on secretion. Truog WE. **Semin Perinatol** 1984 Oct;8(4):300-7 (47 ref.)

Lung mechanics and breathing pattern during wakefulness and sleep in children with enlarged tonsils. Praud JP, et al. **Sleep** 1984;7(4):304-12

Brain and lungs at risk after cervical spinal cord transection: intracranial pressure, brain water, blood-brain barrier permeability, cerebral blood flow, and extravascular lung water changes. Albin MS, et al. **Surg Neurol** 1985 Aug; 24(2):191-205

Pulmonary platelet trapping induced by beta-endorphin injection in the cerebrospinal fluid in dogs. Almqvist PM, et al. **Surgery** 1985 Aug;98(2):344-9

Abnormalities of the lungs and thoracic cage in the Ehlers-Danlos syndrome. Ayres JG, et al. **Thorax** 1985 Apr;40(4):300-5

Lung function in the elderly. Burr ML, et al. **Thorax** 1985 Jan;40(1):54-9

Study of lung function data by principal components analysis. Cowie H, et al. **Thorax** 1985 Jun;40(6):438-43

Effects of pneumothorax or pleural effusion on pulmonary function. Gilmartin JJ, et al. **Thorax** 1985 Jan;40(1):60-5

Absence of refractoriness in asthmatic subjects after exercise with warm, humid inspirate. Hahn AG, et al. **Thorax** 1985 Jun;40(6):418-21

Pulmonary platelet kinetics in asthma. Ind PW, et al. **Thorax** 1985 Jun;40(6):412-7

Effects of mitral valve surgery on static lung function and exercise performance. Rhodes KM, et al. **Thorax** 1985 Feb; 40(2):107-12

Pulmonary function in aluminium smelters [letter] Slovak AJ. **Thorax** 1985 Apr;40(4):319

Pulmonary function in adolescents with mild idiopathic scoliosis. Smyth RJ, et al. **Thorax** 1984 Dec;39(12):901-4

Late pulmonary response in guinea pigs after ascaris challenge. Takishima T, et al. **Tohoku J Exp Med** 1985 May;146(1):121-2

Lung function in different types of pneumoconiosis. Marek K. **Z Erkr Atmungsorgane** 1985;164(3):270-2

[Chronic effect of mild ammonia pollution on lung function] Hou S. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):101-3, 127 (Eng. Abstr.) **(Chi)**

[Interrelation between pulmonary function testing, pulmonary arterial pressure and clinical patterns in chronic bronchitis and emphysema with or without cor pulmonale] Lu FY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):327-9, 381 (Eng. Abstr.) **(Chi)**

[Effects of epidural anesthesia in patients with different pulmonary reserves] Ma S, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):194-7 (Eng. Abstr.) **(Chi)**

[Pulmonary scintigraphic and angiographies in primary bronchial cancers with unilateral absence of perfusion] Mensch-Dechene J, et al. **Ann Chir** 1985 Mar;39(2):147-9 (Eng. Abstr.) **(Fre)**

[Failure of static pulmonary volume measurements in mucoviscidosis] Haluszka J, et al. **Rev Mal Respir** 1984; 1(5):285-8 (Eng. Abstr.) **(Fre)**

[The lung in rheumatic pelvispondylitis] Zouari R, et al. **Tunis Med** 1984 Sep;62(5):367-9 (Eng. Abstr.) **(Fre)**

[Pulmonary function during a 10-day successful extracorporeal CO2 elimination in acute respiratory failure. Case report] Thies WR, et al. **Anaesthesist** 1985 Apr; 34(4):197-202 (Eng. Abstr.) **(Ger)**

[Self control of lung function in bronchial asthma: the peak-flowmeter] Magnussen H, et al. **Dtsch Med Wochenschr** 1984 Oct 5;109(40):1529-33 **(Ger)**

[The lung and aging] Ulmer WT. **Internist (Berlin)** 1984 Aug; 25(8):456-62 **(Ger)**

[Respiratory pattern of the premature infant] Popow C, et al. **Prax Klin Pneumol** 1984 Jul;38(7):276-8 (Eng. Abstr.) **(Ger)**

[Residual lung function changes following adult respiratory distress syndrome (ARDS) in children] Kraemer R, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):96-9 (Eng. Abstr.) **(Ger)**

[Lung function disorders in obesity] Wuthe H. **Z Erkr Atmungsorgane** 1984;163(3):217-28 (Eng. Abstr.) **(Ger)**

[Chests x-ray in status asthmaticus. Relations between radiological abnormalities and impaired respiratory function] Tosi I, et al. **Radiol Med (Torino)** 1984 Oct; 70(10):734-8 (Eng. Abstr.) **(Ita)**

[Lung function in chronic tubercle bacilli excreters] Imura Y. **Kekkaku** 1984 Oct;59(10):556-9 **(Jpn)**

[Perfusion of the isolated lung lobe] Nakahara K, et al. **Kokyu To Junkan** 1985 May;33(5):621-5 **(Jpn)**

[Changes in pulmonary function after bilateral lung resection] Harada K. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):938-43 (Eng. Abstr.) **(Jpn)**

[Evaluation of mucociliary clearance mechanisms by radioaerosol inhalation lung scintigraphy--effect of oral bromhexine] Isawa T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):899-909 (Eng. Abstr.) **(Jpn)**

[Preoperative prediction of the loss of lung function due to the surgical treatment for lung cancer] Kaneda M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):468-73 (Eng. Abstr.) **(Jpn)**

[The relationship between bronchial response to acetylcholine inhalation and the lung function prior to inhalation in adolescent patients with bronchial asthma] Odajima H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May;22(5):390-4 (Eng. Abstr.) **(Jpn)**

[Clinical aspects of the senile lung] Harasawa M. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1565-82 **(Jpn)**

[Pulmonary function and movement of the thoracic cage in mild idiopathic thoracic scoliosis] Yamaguchi C. **Nippon Seikeigeka Gakkai Zasshi** 1984 Oct;58(10):989-1002 (Eng. Abstr.) **(Jpn)**

[A follow-up study on pulmonary functions of workers exposed to various forms of dust. Observation on the workers of pneumoconiosis in Kitakyushu] Baba Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):351-8 (Eng. Abstr.) **(Jpn)**

[Changes in the symptoms of chronic bronchitis and ventilatory capacity of the lungs in women and men of Zabrze in prospective epidemiological studies] Polońska A, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):607-12 (Eng. Abstr.) **(Pol)**

[Activation of the blood kallikrein-kinin system in disseminated intravascular coagulation in rats. The significance of the pulmonary component and an attempt at correction with aspirin] Meshcheriakov GN, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):278-81 (Eng. Abstr.) **(Rus)**

[Morphological manifestations of the hemodynamic shifts in the lungs in monkeys during head-down tilt hypokinesia] Iakovleva VI, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):85-7 **(Rus)**

[Characteristics of the ventilatory function and x-ray picture of the lungs in progressive bronchial obstruction] Danilov LN, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):42-6 (Eng. Abstr.) **(Rus)**

[Ventilation and gas exchange in the lungs during physical exertion in patients following the correction of mitral stenosis] Volovoi VL, et al. **Ter Arkh** 1985;57(4):122-5 (Eng. Abstr.) **(Rus)**

[Effect of balneotherapy on the functional state of the cardiopulmonary system in children with scoliosis] Sarchuk VN. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):25-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Development of normal tissue damage in the rat subsequent to thoracic irradiation and prior treatment with cancer chemotherapeutic agents. Mansfield CM, et al. **Am J Clin Oncol** 1984 Oct;7(5):425-30

The effect of dose rate and multiple fractions per day on radiation-induced lung damage in mice. Collis CH, et al. **Br J Radiol** 1984 Nov;57(683):1037-9

Lung radioprotection by WR-2721 at low X-ray doses per fraction. Parkins C, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1445-50

The production of late radiation damage in the lung. Patrick G. **Int J Radiat Biol** 1984 Oct;46(4):473-5

Multifraction radiation response of mouse lung. Vegesna V, et al. **Int J Radiat Biol** 1985 Apr;47(4):413-22

Comparison of single, fractionated and hyperfractionated irradiation on the development of normal tissue damage in rat lung. Giri PG, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):527-34

Cell-cell matrix interactions in induced lung injury. II. X-irradiation mediated changes in specific basal laminar glycosaminoglycans. Rosenkrans WA Jr, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1629-37

Protection of mouse lung by WR-2721 after fractionated doses of irradiation. Travis EL, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):521-6

Bone in the irradiated lung of the guinea-pig. Knowles JF. **J Comp Pathol** 1984 Oct;94(4):529-33

Lung dose corrections for 6- and 15-MV x rays. Mackie TR, et al. **Med Phys** 1985 May-Jun;12(3):327-32

Lung density effect on 125I dose distribution. Prasad SC, et al. **Med Phys** 1985 Jan-Feb;12(1):99-100

Unilateral hypoplasia of the hemithorax causing 'pseudoscoliosis' after lung irradiation in a child with Wilms' tumor. Kinsella JP, et al. **Pediatr Radiol** 1985; 15(5):340-2

The photodynamic effects on V-79 Chinese hamster cells. Bhattacharjee SB, et al. **Photochem Photobiol** 1985 Feb; 41(2):153-8

Radiation-induced alterations in cyclooxygenase product synthesis by isolated perfused rat lungs. Heinz TR, et al. **Prog Biochem Pharmacol** 1985;20:74-83

Late functional and biochemical changes in mouse lung after irradiation: differential effects of WR-2721. Travis EL, et al. **Radiat Res** 1985 Aug;103(2):219-31

Plasminogen activator activity in lung and alveolar macrophages of rats exposed to graded single doses of gamma rays to the right hemithorax. Ts'ao C, et al. **Radiat Res** 1985 Sep;103(3):393-402

Responses of mouse lung to irradiation. 1. Alterations in alveolar surfactant after neutrons and X-rays. Ahier RG, et al. **Radiother Oncol** 1985 Jan;3(1):61-8

Radiation pneumonitis in patients treated for breast cancer. Rothwell RI, et al. **Radiother Oncol** 1985 Aug;4(1):9-14

The effect of breathing 100% oxygen on lung response to radiation in mice. Travis EL, et al. **Radiother Oncol** 1985 Feb;3(2):177-9

[Comparative kinetics of the early repair of intestines and lung in mice after fast neutron and gamma-ray irradiation] Grégoire V, et al. **C R Soc Biol (Paris)** 1985;179(2):247-54 (Eng. Abstr.) **(Fre)**

[Fractionated neutron irradiation of the lung area in young swine] Herrmann T, et al. **Radiobiol Radiother (Berl)** 1985; 26(1):49-58 (Eng. Abstr.) **(Ger)**

[An experimental study on prevention of radiation-induced lung damage. The effect of oral administration of dextran sulphate] Ohno M. **Fukuoka Igaku Zasshi** 1984 Oct; 75(10):575-93 (Eng. Abstr.) **(Jpn)**

[Changes in the lungs in radiation treatment of head and neck tumors] Silant'eva NK, et al. **Med Radiol (Mosk)** 1985 Jun; 30(6):19-21 (Eng. Abstr.) **(Rus)**

[Effect of whole-body gamma irradiation on the ultrastructure of the respiratory cells of the lungs] Kononenko EK. **Radiobiologiia** 1985 May-Jun;25(3):314-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Shrinking pleuritis with atelectasis. Specificity of abnormalities present at conventional radiography of the lung. Dernevik L, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):181-5

Cardiopulmonary effects of volume expansion in man: radiographic manifestations. Luft FC, et al. **AJR** 1985 Feb; 144(2):289-93

The radiologic distinction of cardiogenic and noncardiogenic edema. Milne EN, et al. **AJR** 1985 May;144(5):879-94

Only the shadow knows [editorial] Staub NC. **AJR** 1985 May; 144(5):1086-7

Nontuberculous mycobacterial infection. Lé CT, et al. **Am J Dis Child** 1985 Jun;139(6):607-8

Correlation between gallium lung scans and fiberoptic bronchoscopy in patients with suspected Pneumocystis carinii pneumonia and the acquired immune deficiency syndrome. Coleman DL, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1166-9

Pulmonary densities during anesthesia with muscular relaxation--a proposal of atelectasis. Brismar B, et al. **Anesthesiology** 1985 Apr;62(4):422-8

Comparison of deep and shallow endotracheal administration of dionosil in dogs and effect of manual hyperventilation. Greenberg MI, et al. **Ann Emerg Med** 1985 Mar; 14(3):209-12

Pulmonary ventilation in children. Digital subtraction study. Schmit P, et al. **Ann Radiol (Paris)** 1985;28(3-4):308-14 **(Eng, Fre)**

Granulomatous pneumocystosis presenting as a solitary pulmonary nodule. Hartz JW, et al. **Arch Pathol Lab Med** 1985 May;109(5):466-9

X-ray quiz. Scleroderma. Bennett R. **Aust Fam Physician** 1984 Aug;13(8):601-2

Comparison of radiographic appearances with associated pathology and lung dust content in a group of coalworkers. Ruckley VA, et al. **Br J Ind Med** 1984 Nov;41(4):459-67

Subcutaneous calcifications masquerading as pulmonary lesions in long-term hemodialysis. Review of nodular pulmonary opacities in the population undergoing hemodialysis. Jolles H, et al. **Chest** 1985 Aug;88(2):234-8

Radiologic findings in farmer's lung. Prognosis and correlation to lung function. Mönkäre S, et al. **Chest** 1985 Apr;87(4):460-6

Are modifications necessary in the performance of pulmonary angiograms? [editorial] Price L, et al. **Chest** 1985 Jul; 88(1):1-2

Optimal resources for examination of the heart and lungs:

cardiac catheterization and radiographic facilities. Examination of the Chest and Cardiovascular System Study Group. Friesinger GC, et al. **Circulation** 1983 Oct; 68(4):891A–930A

Pulmonary angiography. Goodman PC. **Clin Chest Med** 1984 Sep;5(3):465–77 (58 ref.)

Scintigraphic imaging of an unusual liver displacement. Huys J, et al. **Clin Nucl Med** 1985 Jan;10(1):42–3

Pulmonary changes in angioimmunoblastic lymphadenopathy as demonstrated by computerized tomography. Tishler M, et al. **Comput Radiol** 1985 May–Jun;9(3):159–62

The value of routine chest radiograph in chronic asthma in the tropics. Ogunseyinde AO, et al. **East Afr Med J** 1985 Mar;62(3):218–20

Eosinophilic consolidation (an unusual presentation of tropical pulmonary eosinophilia). Jain AP, et al. **Indian J Chest Dis Allied Sci** 1983 Oct–Dec;25(4):284–5

Round pneumonia in a young infant. Sachdev HP, et al. **Indian Pediatr** 1984 Mar;21(3):253–5

Measuring lung volumes from chest films using equations derived from computed tomography. Friedman PJ, et al. **Invest Radiol** 1984 Jul–Aug;19(4):263–8

Hydrostatic pulmonary edema. An analysis of lung density changes by computed tomography. Hedlund LW, et al. **Invest Radiol** 1984 Jul–Aug;19(4):254–62

Computed tomography and the lung: review of anatomic and densitometric features with their clinical application. Genereux GP. **J Can Assoc Radiol** 1985 Jun;36(2):88–102 (44 ref.)

Postmortem radiographic, histological and bacteriological studies of terminal respiratory infections and other pulmonary lesions in hospital and non-hospital necropsies. Pääkkö P, et al. **J Clin Pathol** 1984 Nov;37(11):1282–8

CT demonstration of tethering of the lung by the pulmonary ligament. Friedman PJ. **J Comput Assist Tomogr** 1985 Sep–Oct;9(5):947–8

Measurement of lung density in congestive heart failure by computed tomography. Nomura M, et al. **Jpn Heart J** 1984 Nov;25(6):979–92

Compton scatter with polychromatic sources for lung densitometry. Hanson JA, et al. **Med Phys** 1984 Sep–Oct; 11(5):633–7

Idiopathic pulmonary hemosiderosis: the importance of a chest radiograph in children with unexplained anemia. Kuhn MJ. **Mt Sinai J Med (NY)** 1985 May;52(5):358–62

The vascular converging points of the right pulmonary hilus and their diagnostic significance. Don C, et al. **Radiology** 1985 May;155(2):295–8

Re: Adam's lobe [letter] Fisher MS. **Radiology** 1985 Feb; 154(2):547

Chest radiographic findings in neonates on extracorporeal membrane oxygenation. Hall JA Jr, et al. **Radiology** 1985 Oct;157(1):75–7

Chest radiographs in congestive heart failure: response to therapy in acute and chronic heart disease. Slutsky RA, et al. **Radiology** 1985 Mar;154(3):577–80

The plain film diagnosis of combined right middle and lower lobe collapse. Chin WS. **Singapore Med J** 1984 Dec; 25(6):428–31

Radiographic changes in humidifier fever. Anderson K, et al. **Thorax** 1985 Apr;40(4):312–3

[Clinical and pulmonary manifestations of polyarteritis nodosa: report of 4 cases and review of the literature] Yang JY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):356–8, 383 (Eng. Abstr.) **(Chi)**

[Evaluation of the diagnostic capability of a counter table for solitary round shadows in the lung field] Guo SL. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):124–7 (Eng. Abstr.) **(Chi)**

[Radiologic anatomy of the hilar angle of the right lung] Han FY. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug; 18(3):167–70 (Eng. Abstr.) **(Chi)**

[Pulmonary changes in leukemia and their complications] Kreuzberg B. **Cesk Radiol** 1984 Sep;38(5):334–42 (Eng. Abstr.) **(Cze)**

[Hemodynamics of acute myocardial infarct. VII. Comparison of the radiographic picture of the lungs and heart] Stejfa M, et al. **Vnitr Lek** 1984 Dec;30(12):1219–24 (Eng. Abstr.) **(Cze)**

[Pulmonary lesions in Wegener's disease] Rouffiat J, et al. **Ann Radiol (Paris)** 1985;28(1):43–51 (Eng. Abstr.) **(Fre)**

[Value of rapid acquisition cadences synchronized with the electrocardiogram for the diagnosis of pulmonary embolism by digital subtraction angiography] Parola JL, et al. **J Radiol** 1985 Feb;66(2):113–20 (Eng. Abstr.) **(Fre)**

[Soft-tissue changes in the chest wall area after contusion trauma. The findings in conventional x-ray diagnosis] Seemann WR, et al. **Radiologe** 1985 Feb;25(2):69–72 (Eng. Abstr.) **(Ger)**

[Bedside chest x-rays and extravascular lung water determination in intensive care patients] Haller J, et al. **ROFO** 1985 Jan;142(1):68–73 (Eng. Abstr.) **(Ger)**

[Expectoration of a shell fragment] Reinbold WD, et al. **ROFO** 1985 Jan;142(1):103–4 **(Ger)**

[Foreign body aspiration in childhood: diagnostic problems] Grundner HG, et al. **Rontgenblatter** 1984 Oct;37(10):343–6 (Eng. Abstr.) **(Ger)**

[Diagnosis of bronchiectasis by full chest x-ray] Moilanen A. **Rontgenpraxis** 1985 Apr;38(4):135–8 **(Ger)**

[Quantitative measurement of lung density with X-ray CT and positron CT. (1) Normal subjects] Ito K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):979–84 (Eng. Abstr.) **(Jpn)**

[A case of acquired toxoplasmosis with diffuse reticulo-nodular shadows in chest X-ray] Hitomi H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):340–4 (Eng. Abstr.) **(Jpn)**

[A case of sarcoidosis with multiple pulmonary cavities] Okada M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):910–4 (Eng. Abstr.) **(Jpn)**

[A case of bilateral diffuse malignant pleural mesothelioma with patchy and reticular shadows on the chest X-ray film] Yano T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):690–5 (Eng. Abstr.) **(Jpn)**

[A case of Hodgkin's disease with prominent pulmonary involvement] Yokoyama A, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):703–7 (Eng. Abstr.) **(Jpn)**

[A case of sarcoidosis with development of small diffuse nodular shadows on the chest x-ray within one month of the clinical course] Yoshimura K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):696–702 (Eng. Abstr.) **(Jpn)**

[Peripheral lung structure--dichotomy of bronchi, pulmonary artery and pulmonary secondary lobule] Satoh K, et al. **Rinsho Hoshasen** 1984 Sep;29(9):949–55 (Eng. Abstr.) **(Jpn)**

[Radiographic findings in rounded atelectasis. An atelectatic pseudotumor] Bakke SJ, et al. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):209–12 (Eng. Abstr.) **(Nor)**

[Radiography of the lungs--always or sometimes?] Wójtowicz J. **Pol Przegl Radiol (Warszawa)** 1984 Jan–Feb; 48(1):37–45 (59 ref.) **(Pol)**

[Method of contrast densitometry of lung radiographs] Lupşa M. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):351–60 (Eng. Abstr.) **(Rum)**

[Case of MacLeod's syndrome] Popescu P, et al. **Rev Ig [Pneumoftiziol]** 1985 Jan–Mar;34(1):89–96 **(Rum)**

[Role of x-rays of the organs of the thoracic cavity in studying the hemodynamics of pulmonary circulation in ischemic heart disease] Rabukhina NA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):39–43 (Eng. Abstr.) **(Rus)**

[Value of roentgenodiagnosis of respiratory distress syndrome in infants during the first few days of life] Pokotilo VA, et al. **Pediatriia** 1984 Sep;(9):45–6 **(Rus)**

[Roentgenosemeiotics of lesions of the respiratory organs in extrinsic allergic alveolitis (bird fancier's lung)] Dmitrieva LI, et al. **Probl Tuberk** 1984 Dec;(12):18–22 (Eng. Abstr.) **(Rus)**

[Diagnosis of tuberculosis and other lung diseases with similar clinico-roentgenological signs] Khomenko AG, et al. **Probl Tuberk** 1985;(1):25–9 (Eng. Abstr.) **(Rus)**

[Clinico-roentgenological characteristics and complications of chronic diffuse forms of pulmonary sarcoidosis] Kostina ZI, et al. **Probl Tuberk** 1985;(1):32–5 (Eng. Abstr.) **(Rus)**

[Clinico-roentgenological characteristics of patients with recurrent pulmonary tuberculosis from urban and rural areas] Litvin LM, et al. **Probl Tuberk** 1985;(1):39–42 (Eng. Abstr.) **(Rus)**

[Computerized tomography in the diagnosis of spherical formations in the lungs] Romanychev IuA, et al. **Probl Tuberk** 1985;(1):29–32 (Eng. Abstr.) **(Rus)**

[Roentgenography of lung preparations in lung diseases] Khidirbeili KhA, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):37–41 (Eng. Abstr.) **(Rus)**

[Roentgenopneumopolygraphy in primary roentgenological examination] Babiĭ IaS, et al. **Vrach Delo** 1985 Mar;(3):9–12 (Eng. Abstr.) **(Rus)**

[Views on mass radiophotography in Belgrade from 1973 to 1982] Krulj S, et al. **Plucne Bolesti** 1984 Jan–Jun; 36(1–2):84–7 (Eng. Abstr.) **(Scr)**

[Diagnostic significance of increased lung transparency in pulmonary thromboembolism] Matunović A, et al. **Vojnosanit Pregl** 1985 Mar–Apr;42(2):97–100 (Eng. Abstr.) **(Scr)**

[The value of examining the lungs in the lateral decubital position in the radiologic diagnosis of unknown foreign body aspiration in children] Cápová L. **Cesk Pediatr** 1984 Oct;39(10):564–6 (Eng. Abstr.) **(Slo)**

[Multiple echinococcal pulmonary cysts. Case report] Kadlečik R, et al. **Cesk Radiol** 1984 Sep;38(5):343–7 (Eng. Abstr.) **(Slo)**

RADIONUCLIDE IMAGING

Appearance of lung scan in venae cavae occlusion. Edeburn GF, et al. **AJR** 1985 Aug;145(2):273–4

Perfusion lung scanning: differentiation of primary from thromboembolic pulmonary hypertension. Lisbona R, et al. **AJR** 1985 Jan;144(1):27–30

Increased thallium lung uptake after exercise in isolated left anterior descending coronary artery disease. Liu P, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1469–73

Potential hazards of 67gallium lung scanning [letter] Spinelli F, et al. **Am J Med** 1985 Jun;78(6 Pt 1):A43, A49

A comparison of the economics of xenon 127, xenon 133 and krypton 81m for routine ventilation imaging of the lungs. Nimmo MJ, et al. **Br J Radiol** 1985 Jul;58(691):635–6

The relationship between the pulmonary distribution of inhaled fine aerosols and tests of small airway function. Emmett PC, et al. **Bull Eur Physiopathol Respir** 1984 Jul–Aug;20(4):325–32

Pulmonary scintigraphy and the diagnosis of pulmonary embolism. A perspective. Polak JF, et al. **Clin Chest Med** 1984 Sep;5(3):457–64 (45 ref.)

Demonstration of mucociliary clearance in ventilation scintigraphy using an airjet nebulizer. Best MP, et al. **Clin Nucl Med** 1985 Apr;10(4):297

Gallium-67 citrate imaging in the evaluation of unilateral absence of pulmonary perfusion-ventilation. Huang TY. **Clin Nucl Med** 1985 Jun;10(6):438–9

Esophageal contribution to 'clearance' of pulmonary aerosols. Karimeddini MK, et al. **Clin Nucl Med** 1985 Feb;10(2):114

'Positive' gallium scan of chest secondary to colonic herniation. Kuhn MJ, et al. **Clin Nucl Med** 1985 May; 10(5):379

Unexpected gallium uptake in benign pulmonary pathology. Report of two cases. McLean RG, et al. **Clin Nucl Med** 1984 Dec;9(12):675–8

Radionuclide demonstration of improvement of spatial distribution of pulmonary function after removal of bullous lesion. Polga JP, et al. **Clin Nucl Med** 1984 Dec;9(12):725–6

Artifactual focal accumulation of Tc-99m bone imaging tracer in the chest. Technical note (bone imaging artifact). Tatum JL, et al. **Clin Nucl Med** 1985 Jan;10(1):16–8

Factor analysis of 81mKr lung ventilation studies. Cinotti L, et al. **Eur J Nucl Med** 1985;10(11–12):511–8

Lung scintigraphy [letter] Creutzig H. **Eur J Nucl Med** 1985; 10(11–12):568

Regional specific mean expiratory gas flow from 81mKr equilibrium inhalation data. Hamilton D, et al. **Eur J Nucl Med** 1985;10(7–8):321–31

Gradient effects in extravascular water determination using 15O-labelled water under steady state conditions: theory and error sensitivity. Meyer GJ, et al. **Eur J Nucl Med** 1985;10(1–2):77–80

Lung and renal uptake of technetium Tc 99m sulphur colloid related to disseminated intravascular coagulation. Teertstra HJ, et al. **Eur J Nucl Med** 1985;10(1–2):13–6

Radioaerosol lung imaging in chronic obstructive airway disease. Weiss T, et al. **Eur J Radiol** 1984 Nov;4(4):241–3

Rapidly progressive pancytopenia, hepatomegaly, and abnormal lung uptake of colloid in systemic lupus erythematosus: possible saturation of reticuloendothelial system with blood elements. Sakurai T, et al. **Henry Ford Hosp Med J** 1984;32(2):142–5

A new type of 81Rb–81mKr generator for medical use. Beyer GJ, et al. **Int J Appl Radiat Isot** 1984 Nov;35(11):1075–6

Thallium pulmonary scintigraphy. Relationship to pulmonary fluid volumes during left atrial hypertension and the acute release of pressure. Slutsky RA. **Invest Radiol** 1984 Nov–Dec;19(6):510–6

Single photon emission tomography of lungs imaged with 99mTc-labeled aerosol. Logus JW, et al. **J Can Assoc Radiol** 1984 Jun;35(2):133–8

SPECT quantification of technetium-99m microspheres within the canine lung. Osborne D, et al. **J Comput Assist Tomogr** 1985 Jan–Feb;9(1):73–7

Unsuccessful lung scan due to major right-to-left shunt through a sinus venosus septal defect. Brendel AJ, et al. **J Nucl Med** 1985 Sep;26(9):1029–34

Application of an information-theoretic method for efficacy assessment. Gift DA, et al. **J Nucl Med** 1985 Jul; 26(7):807–11

Re: An automated quantitative analysis of ventilation/perfusion lung scintigrams [letter] Horn M. **J Nucl Med** 1984 Nov;25(11):1270–1

Biodistribution of a positron-emitting suicide inactivator of monoamine oxidase, carbon-11 pargyline, in mice and a rabbit. Ishiwata K, et al. **J Nucl Med** 1985 Jun;26(6):630–6

Re: Mucociliary clearance mechanism in smoking and nonsmoking normal subjects [letter] Logus JW, et al. **J Nucl Med** 1984 Nov;25(11):1268–9

Breast-milk radioactivity after a Tc-99m DTPA aerosol/Tc-99m MAA lung study. Mountford PJ, et al. **J Nucl Med** 1984 Oct;25(10):1108–10

The efficacy of lung scans: the emperor had clothes all along [editorial] Patton DD. **J Nucl Med** 1985 Jul;26(7):812–4

Determination of clinical efficacy: nuclear medicine as applied to lung scanning. Saenger EL, et al. **J Nucl Med** 1985 Jul;26(7):793–806

Effect of ethanol on droplet size, efficiency of delivery, and clearance characteristics of technetium-99m DTPA aerosol. Sirr SA, et al. **J Nucl Med** 1985 Jun;26(6):643–6

Significance of the site of injection in unexpected right-to-left shunting. Verzijlbergen F, et al. **J Nucl Med** 1984 Oct;25(10):1103–5

Evaluation of regional lung function by radioisotopic techniques in the follow-up of chronic bronchitis. Report of a case. Ruschi S, et al. **J Nucl Med Allied Sci** 1984 Jul–Sep;28(3):225–30

Proper interpretation of radioisotope lung scans [letter] Orzel JA. **JAMA** 1985 Jan 4;253(1):40

A non-invasive method for estimation of lung tissue volume in patients with fibrosing lung disease: comparison with lung density measurement by positron transmission tomography. Peacock A, et al. **Lancet** 1984 Oct 6; 2(8406):785–7

Diagnostic value of pulmonary gallium 67 scanning in the diagnosis of Pneumocystis carinii pneumonia in an immunocompromised patient with unexplained fever and hypoxemia. Poorsatter A, et al. **Milit Med** 1985 Jul; 150(7):363–7

Regional tidal volume assessed by gated lung imaging. Muir

AL, et al. **Nucl Med Commun** 1985 Mar;6(3):127–39

Lung 99Tcm–DTPA transfer: a method for background correction. O'Doherty MJ, et al. **Nucl Med Commun** 1985 Apr;6(4):209–15

Pectus excavatum in children: pulmonary scintigraphy before and after corrective surgery. Blickman JG, et al. **Radiology** 1985 Sep;156(3):781–2

Ventilation and perfusion lung scans, Sioux Valley Hospital––1981. Boade WA, et al. **SD J Med** 1984 Dec; 37(12):25–7

Comparison of intravenous digital subtraction angiography with radionuclide ventilation–perfusion lung scanning in patients with suspected pulmonary embolism. Flint KC, et al. **Thorax** 1985 Aug;40(8):576–80

[Inhalation scintigraphy of the lungs using diffusible microaerosols] Fikrle A, et al. **Cas Lek Cesk** 1984 Sep 7; 123(36):1128–32 (Eng. Abstr.) **(Cze)**

[Inhalation aerosol scintigraphy of the lungs in childhood] Suchý M, et al. **Cesk Pediatr** 1985 Aug;40(8):440–6 (Eng. Abstr.) **(Cze)**

[Nuclear medicine and x–ray findings in Osler's disease of the lung] Uhlenbrock D, et al. **Nuklearmedizin** 1985 Feb; 24(1):52–4 (Eng. Abstr.) **(Ger)**

[1st results of functional RES scintigraphy with 99mTc–labeled human serum albumin millimicrospheres in progressive scleroderma: possibility of early diagnosis of lung involvement?] Munz DL, et al. **Z Hautkr** 1984 Dec 1;59(23):1635–8 (Eng. Abstr.) **(Ger)**

[Differential spirometry and computerized pulmonary ventilation– perfusion scintiphotography as preoperative functional studies in thoracic surgery] Rubini F, et al. **Chir Ital** 1985 Feb;37(1):46–56 (Eng. Abstr.) **(Ita)**

[Spirometry gated 133Xe ventilation imaging and phase analysis for assessment of regional lung function] Inoue T. **Kaku Igaku** 1984 Oct;21(10):1237–65 (Eng. Abstr.) **(Jpn)**

[Aerosol lung inhalation scintigraphy in normal subjects] Sui O, et al. **Kaku Igaku** 1985 Mar;22(3):293–8 (Eng. Abstr.) **(Jpn)**

[N-13 ammonia myocardial positron computed tomography––(2) Evaluation of serial change in the lung and the myocardium] Tamaki N, et al. **Kaku Igaku** 1985 Feb;22(2):193–9 (Eng. Abstr.) **(Jpn)**

[Thallium lung uptake images (TLI) in patients with acute myocardial infarction] Tanaka T, et al. **Kaku Igaku** 1985 Mar;22(3):321–30 (Eng. Abstr.) **(Jpn)**

[Abnormal pulmonary deposition of radioactive aerosol in patients with pulmonary emphysema] Shida A, et al. **Kokyu To Junkan** 1984 Aug;32(8):817–22 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of regional pulmonary function in lung cancer using quantitative lung scanning––its application to the patients with poor pulmonary function] Hara F, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1184–92 (Eng. Abstr.) **(Jpn)**

[Applications of aerosol inhalation cine–scintigraphy––clinical investigations of mucociliary transport] Ito S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):961–9 (Eng. Abstr.) **(Jpn)**

[Mucociliary clearance in diffuse panbronchiolitis, pulmonary emphysema and chronic bronchitis estimated by aerosol inhalation cine–scintigraphy] Ryujin Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):479–85 (Eng. Abstr.) **(Jpn)**

[Pulmonary scintigraphy of diffuse panbronchiolitis] Murata K, et al. **Rinsho Hoshasen** 1984 Jun;29(6):735–6 **(Jpn)**

[A case of bronchial atresia] Yamagishi J, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1115–8 (Eng. Abstr.) **(Jpn)**

[Prognosis of the postoperative external respiratory function based on radionuclide research data] Bogdasarov IuV, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):37–41 (Eng. Abstr.) **(Rus)**

[Effect of detector sensitivity on regional indices of pulmonary function] Narkevich BIa, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):44–8 (Eng. Abstr.) **(Rus)**

[Radiopneumography in the diagnosis and treatment of chronic nonspecific lung diseases] Sabirov R. **Med Radiol (Mosk)** 1985 Aug;30(8):78–84 (33 ref.) **(Rus)**

[Radioisotope examination in the evaluation of residual post–tuberculosis changes and chronic nonspecific lung diseases in adolescents] Tsym VF, et al. **Probl Tuberk** 1984 Jul;(7):16–9 (Eng. Abstr.) **(Rus)**

SECRETION

A fibrinolytic inhibitor of human alveolar macrophages. Induction with endotoxin. Chapman HA Jr, et al. **Am Rev Respir Dis** 1985 Sep;132(3):569–75

Antigenic, molecular and functional heterogeneity of Clara cell secretory proteins in the rat. Singh G, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):156–63

The release of lyso–PAF from guinea–pig lungs. Parente L, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):281–4

Release of substance P– and substance K–like immunoreactivities from the isolated perfused guinea–pig lung. Saria A, et al. **Eur J Pharmacol** 1984 Oct 30; 106(1):207–8

Development of beta–adrenergic control of phospholipid secretion in rabbit lung. Corbet AJ, et al. **J Appl Physiol** 1985 Jun;58(6):2011–9

Thrombin–induced alterations in lung fluid balance in awake sheep. Lo SK, et al. **J Appl Physiol** 1985 May;58(5):1421–7

Release of leukotrienes, induced by the Ca++ ionophore A23187, from human lung parenchyma in vitro. Sautebin L, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):217–21

Decreased phosphatidylcholine in the lung fluid of patients with sarcoidosis. Baughman RP, et al. **Lipids** 1985 Jul; 20(7):496–9

Flowmeter for slow–flowing physiological liquids. Wickham PJ, et al. **Med Biol Eng Comput** 1984 Sep;22(5):406–10

Antigen–induced leukotriene release from rat lung in vitro. Brunet G, et al. **Prostaglandins** 1985 Jun;29(6):921–32

Mediators released by human lung cells are potent growth factors for human lung fibroblasts. Hunninghake GW, et al. **Trans Assoc Am Physicians** 1984;97:41–8

[Study of liquid components of bronchoalveolar lavage fluid in diffuse interstitial pulmonary diseases] Kado M, et al. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar; 17(1–2):105–13 (Eng. Abstr.) **(Jpn)**

[Effect of coenzyme Q10 on guinea pig trachea and lung] Ishihara Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):249–54 (Eng. Abstr.) **(Jpn)**

SURGERY

Right upper lobectomy. Humphrey EW. **Am J Surg** 1984 Nov;148(5):674–8

Early thoracotomy and decortication for nontuberculous empyema in adults with and without underlying disease. A twenty–five year review. Mayo P. **Am Surg** 1985 Apr; 51(4):230–6

Experimental air leaks in lung sealed by low–energy carbon dioxide laser irradiation. LoCicero J 3d, et al. **Chest** 1985 Jun;87(6):820–2

Does pleural bronchial wrapping improve wound healing in right sleeve lobectomy? Ishihara T, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):665–72

Pulmonary resection and gas exchange. Peters RM. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):872–9

Prognosis of patients with adenocarcinoma of the lung and mediastinal lymph node metastases undergoing pulmonary resection. Rubinstein I, et al. **Respiration** 1985;47(1):70–2

Filling pressures of the heart during anaesthesia. Coetzee A, et al. **S Afr Med J** 1985 May 4;67(18):712–5

[Assessment of 7 years of automatic suturing in pulmonary surgery] Nguyen H, et al. **J Chir (Paris)** 1985 Mar; 122(3):187–91 (Eng. Abstr.) **(Fre)**

[Advantage of mechanical suturing devices in thoraco–pulmonary surgery. Our experience] Catrambone G, et al. **Minerva Chir** 1984 Nov 30;39(22):1571–7 (Eng. Abstr.) **(Ita)**

[Medical complications in lung resections] Baldi S, et al. **Minerva Med** 1984 Oct 20;75(40):2357–9 (Eng. Abstr.) **(Ita)**

[Epidural Morphine anesthesia for pulmonary surgery] Kasama A, et al. **Masui** 1985 Jan;34(1):88–93 (Eng. Abstr.) **(Jpn)**

[Effect of surgical interventions on the lungs in children on the hemodynamics of the greater and lesser circulations] Lekmanov AU, et al. **Anesteziol Reanimatol** 1985 Mar–Apr; (2):5–8 (Eng. Abstr.) **(Rus)**

[Formation of a 'small' lung in the surgical treatment of miliary tuberculosis] Kariev TM, et al. **Grudn Khir** 1984 Nov–Dec;(6):47–9 (Eng. Abstr.) **(Rus)**

[Prevention of residual cavities in the formation of a 'small' lung after partial resections] Malitskiĭ AT. **Grudn Khir** 1984 Nov–Dec;(6):42–7 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Lung allograft rejection in the rat. V. Inhaled stimuli aggravate the rejection response. Prop J, et al. **Am Rev Respir Dis** 1985 Jul;132(1):168–72

The effect of hypothermic preservation of the heart and lungs on cardiorespiratory function following canine heart–lung transplantation. Feeley TW, et al. **Ann Thorac Surg** 1985 Jun;39(6):558–62

Heart–lung transplantation for irreversible pulmonary hypertension. Jamieson SW, et al. **Ann Thorac Surg** 1984 Dec;38(6):554–62

Heart–lung transplantation [editorial] Lower RR. **Ann Thorac Surg** 1984 Dec;38(6):551

Clinical heart and lung transplantation [editorial] McGregor CG, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1682–3

Cyclosporine in heart and heart–lung transplantation. Modry DL, et al. **Can J Surg** 1985 May;28(3):274–80, 282

Post–transplant obliterative bronchiolitis and other late lung sequelae in human heart–lung transplantation. Burke CM, et al. **Chest** 1984 Dec;86(6):824–9

Long–term results, hemodynamics, and complications after combined heart and lung transplantation. Dawkins KD, et al. **Circulation** 1985 May;71(5):919–26

Static lung preservation. Mancini MC, et al. **Curr Surg** 1985 Jan–Feb;42(1):23–5

Respiratory and haemodynamic effects of lateral thoracotomy or sternotomy in mechanically ventilated rats. Duchatelle JP, et al. **Eur Surg Res** 1985;17(1):10–6

Pathologic pulmonary alterations in long–term human heart–lung transplantation. Yousem SA, et al. **Hum Pathol** 1985 Sep;16(9):911–23

Sequential bilateral lung transplantation for paraquat poisoning. A case report. The Toronto Lung Transplant group. **J Thorac Cardiovasc Surg** 1985 May;89(5):734–42

Bronchoscopy after cardiopulmonary transplantation. Baldwin JC, et al. **J Thorac Cardiovasc Surg** 1985 Jan; 89(1):1–7

Operative technique for cardiopulmonary transplantation [letter] Chiu IS, et al. **J Thorac Cardiovasc Surg** 1985 May; 89(5):809–10

Long–term hemodynamics following combined heart and lung transplantation in primates. Dawkins KD, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):55–62

Revascularization of ischemic bronchial anastomoses by an intercostal pedicle flap. Fell SC, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):172–8

Procurement for combined heart–lung transplantation. Bilateral thoracotomy with sternal transection, cardiopulmonary bypass, and profound hypothermia. Hardesty RL, et al. **J Thorac Cardiovasc Surg** 1985 May; 89(5):795–9

Heart–lung transplantation [letter] Losman JG. **J Thorac Cardiovasc Surg** 1985 May;89(5):807–9

Cyclosporin and bronchial healing in canine lung transplantation. Saunders NR, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):993–9

Combined heart–lung transplantation for terminal pulmonary lymphangioleiomyomatosis. Wellens F, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):872–6

Lung and heart–lung transplantation. Shumway NE. **Jpn J Surg** 1984 Sep;14(5):345–50

Multiple organ procurement. Margreiter R. **Neth J Med** 1985; 28(6):222–5

Heart lung transplantation. Reitz BA. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):401–9

Heart and lung transplantation for end–stage pulmonary vascular hypertension. Shinn JA. **Nurs Clin North Am** 1984 Sep;19(3):547–58

Heart–lung transplantation: the postoperative chest radiograph. Chiles C, et al. **Radiology** 1985 Feb; 154(2):299–304

Transplantation of the heart and both lungs. Experimental and clinical experience and review of the literature. Novitzky D, et al. **S Afr Med J** 1985 Apr 13;67(15):575–80 (28 ref.)

Pancreatitis after cardiac and cardiopulmonary transplantation. Aziz S, et al. **Surgery** 1985 Jun;97(6):653–61

Extracorporeal gas exchange, lung transplantation, and the artificial lung. Bartlett RH, et al. **Trans Am Soc Artif Intern Organs** 1984;30:679–81

A simple method for extended heart–lung preservation by autoperfusion. Morimoto T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:320–4

Organ transplantation. Heart and lung. **Transplant Proc** 1985 Feb;17(1 Pt 1):199–249

Results of heart–lung preservation for transplantation. Walpoth BH, et al. **Transplant Proc** 1984 Oct;16(5):1255–8

Long–term cardiac and pulmonary histology in primates following combined heart and lung transplantation. Haverich A, et al. **Transplantation** 1985 Apr;39(4):356–60

Bronchial anastomotic healing in canine lung allotransplants treated with cyclosporine. Pinsker KL, et al. **Transplantation** 1985 Aug;40(2):143–6

Lung allograft rejection in the rat. I. Accelerated rejection caused by graft lymphocytes. Prop J, et al. **Transplantation** 1985 Jul;40(1):25–30

Lung allograft rejection in the rat. II. Specific immunological properties of lung grafts. Prop J, et al. **Transplantation** 1985 Aug;40(2):126–31

Lung allograft rejection in the rat. III. Corresponding morphological rejection phases in various rat strain combinations. Prop J, et al. **Transplantation** 1985 Aug; 40(2):132–6

[Conservation of the lung for 24 hours with delayed autograft. Experimental study in dogs] Rabinovitch J, et al. **Ann Chir** 1983 Oct;37(7):572–6 (Eng. Abstr.) **(Fre)**

[Problems in lung transplantation] Nakada T. **Nippon Kyobu Geka Gakkai Zasshi** 1984 May;32(5):671–6 **(Jpn)**

[Lung transplant––problems and recent trends] Fujimura S, et al. **Nippon Rinsho** 1985 Jan;43(1):83–6 **(Jpn)**

[Transplantation of the heart and lung] Kawashima Y, et al. **Nippon Rinsho** 1985 Jan;43(1):87–91 **(Jpn)**

[Preservation and operative techniques for lung transplantation] Fujimura S, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):662–6 (Eng. Abstr.) **(Jpn)**

[Current technical problems in lung transplantation] Nakada T. **Rinsho Kyobu Geka** 1984 Nov;4(6):661 (Eng. Abstr.) **(Jpn)**

[Effect of light energy on the functional capacity of the lung transplanted from a donor to a recipient] Meshalkin EN, et al. **Grudn Khir** 1984 Nov–Dec;(6):62–5 (Eng. Abstr.) **(Rus)**

[Ventilation and gas exchange after delayed autograft of the lung and its preservation for 24 hours] Rabinovich IuIa, et al. **Grudn Khir** 1985 Mar–Apr;(2):29–33 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Electron microscopic demonstration of lysosomal inclusion bodies in lung, liver, lymph nodes, and blood leukocytes of patients with amiodarone pulmonary toxicity. Dake MD, et al. **Am J Med** 1985 Mar;78(3):506–12

Ultrastructure of the lung in falciparum malaria. Duarte MI, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):31–5

Autoradiographic visualization of beta–adrenoceptor subtypes in human lung. Carstairs JR, et al. **Am Rev Respir Dis** 1985 Sep;132(3):541-7

The neonatal porcine lung: ultrastructural morphology and postnatal development of the terminal airways and alveolar region. Winkler GC, et al. **Anat Rec** 1984 Oct;210(2):303-13

Location of glycerol phosphate acyltransferase in the transverse plane of mitochondrial outer membrane of guinea pig lung. Das SK, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):569-73

Ultrastructural evidence for extravascular platelet recruitment in the lung upon intravenous injection of platelet-activating factor (PAF-acether) to guinea-pigs. Lellouch-Tubiana A, et al. **Br J Exp Pathol** 1985 Jun; 66(3):345-55

Morphometric and elemental microanalytical studies of human lung in health and disease. Siegesmund KA, et al. **Br J Ind Med** 1985 Jan;42(1):36-42

Monomolecular surface film and tubular myelin figures of the pulmonary surfactant in hamster lung. Nakamura H, et al. **Cell Tissue Res** 1985;241(3):523-8

Isolation and characterization of a rat lung fraction enriched in alveolar wall basement membranes. Zibrak JD, et al. **Exp Lung Res** 1985;8(1):15-28

The pulmonary endothelial surface. Ryan US, et al. **Fed Proc** 1985 Jul;44(10):2603-9

Ultrastructural localization of alpha-actinin and filamin in cultured cells with the immunogold staining (IGS) method. Langanger G, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1324-34

The effects of freeze-substitution media on the ultrastructure of inclusion bodies in type II pneumocytes of mouse lung processed by the cryofixation method. Ikeda H, et al. **J Electron Microsc (Tokyo)** 1984;33(3):242-7

Scanning electron microscope study of the lung in drowning. Torre C, et al. **J Forensic Sci** 1985 Apr;30(2):456-61

Diagnosis of pulmonary talcosis by electron-probe x-ray analysis. Ghadially FN, et al. **J Submicrosc Cytol** 1984 Oct; 16(4):773-7

Ultrastructure and distribution of intracellular spicules in rat lung following chronic tobacco smoke exposure. Heckman CA, et al. **JNCI** 1985 Mar;74(3):647-57

Ultrastructural observations of rat lung exposed to nitrogen dioxide for 7 months. Yamamoto I, et al. **Kitasato Arch Exp Med** 1984 Apr;57(1):57-65

Distribution and subcellular localization of surfactant-associated glycoproteins in human lung. Balis JU, et al. **Lab Invest** 1985 Jun;52(6):657-69

Ultrastructural distribution of fibronectin in normal and fibrotic human lung. Torikata C, et al. **Lab Invest** 1985 Apr;52(4):399-408

Electron microscopic studies on the lung of the salamander, Hynobius nebulosus: II. Osmiophilic lamellar bodies and alveolar surfactant. Matsumura H. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):371-85

Electron microscopic studies of the lung of the salamander, Hynobius nebulosus: 1. A scanning and transmission electron microscopic observation. Matsumura H, et al. **Okajimas Folia Anat Jpn** 1984 May;61(1):15-31

Scanning electron microscopic study of the airways in normal children and in patients with cystic fibrosis and other lung diseases. Simel DL, et al. **Pediatr Pathol** 1984;2(1):47-64

Asbestos-associated chromosomal changes in human mesothelial cells. Lechner JF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3884-8

Ultrastructural changes of the pulmonary parenchyma after experimentally induced endotoxic shock in dogs with and without drug protection. Banna P, et al. **Respiration** 1985; 47(3):177-84

Occupational asbestos exposure, lung-fiber concentration and latency time in malignant mesothelioma. Mowé G, et al. **Scand J Work Environ Health** 1984 Oct;10(5):293-8

Scanning and transmission electron microscopic studies on pulmonary bullae. Lee YS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):542-50

Experimental viral pneumonia in guinea pigs: an ultrastructural study. Kaup FJ, et al. **Vet Pathol** 1984 Sep; 21(5):521-7

Ultrastructural changes in V79 hamster lung fibroblasts during hypoxic exposure. Jacobson EA, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):23-43

[Appearance of lamellar bodies in pulmonary cells from 8-12-week-old human fetuses under the effect of ambroxol in vitro] Zsolnai B, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):189-94 (Eng. Abstr.) **(Hun)**

[Changes the structural elements of the organs of bats during periods of activity and hibernation] Klika E, et al. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):47-52 (Eng. Abstr.) **(Rus)**

[Connective tissue function and fibril formation processes in fibrous-cavernous pulmonary tuberculosis] Erokhin VV, et al. **Arkh Patol** 1985;47(4):36-42 (Eng. Abstr.) **(Rus)**

[Structural changes in the pulmonary vessels and parenchyma in experimental hypercholesterolemia and atherosclerosis] Klimenko ED, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):103-6 (Eng. Abstr.) **(Rus)**

[Electron-microscopy study of the lungs in acute experimental respiratory insufficiency treated by extracorporeal membrane oxygenation] Erokhin VV, et al. **Probl Tuberk** 1984 Dec;(12):57-60 (Eng. Abstr.) **(Rus)**

[Idiopathic pulmonary hemosiderosis. Clinical case in an adult with respiratory function and an electron microscopy study] Regonesi C, et al. **Rev Med Chil** 1984 Apr; 112(4):369-73 (Eng. Abstr.) **(Spa)**

LUNG ABSCESS

Non-specific lung abscess in Zimbabwe. Armstrong RH. **East Afr Med J** 1984 Dec;61(12):882-5

COMPLICATIONS

Fatal Selenomonas sputigena septicemia probably originating from lung abscess. Pinon G, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):343-4

Foul breath and a productive cough. Turck M. **Hosp Pract [Off]** 1985 May 30;20(5A):50

[Anaerobic bacterial meningitis with multiple brain abscesses] Trautmann M, et al. **Immun Infekt** 1984 Aug;12(4):309-13 (Eng. Abstr.) **(Ger)**

[A case of bronchomalacia with contralateral pulmonary abscess] Saito H, et al. **Kokyu To Junkan** 1985 Feb; 33(2):217-21 (Eng. Abstr.) **(Jpn)**

[Pleural empyema and its treatment in acute purulent disease of the lung] Ostrovskiĭ VK. **Klin Khir** 1984 Oct;(10):41-4 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Fiberoptic bronchoscopy in the evaluation of lung abscesses. Sosenko A, et al. **Chest** 1985 Apr;87(4):489-94

Pneumonia and lung abscess. Carden DL, et al. **Emerg Med Clin North Am** 1983 Aug;1(2):345-70 (138 ref.)

Differentiation of tuberculous from nontuberculous cavitary lung disease. Israel RH, et al. **Respiration** 1985;47(2):151-7

Haemophilus parainfluenzae lung abscess. Israel RH, et al. **Respiration** 1984;46(4):379-81

[Current aspects of pulmonary abscess in a study of 100 cases] Ayoub A, et al. **Tunis Med** 1984 Mar-Apr;62(2):131-5 (Eng. Abstr.) **(Fre)**

[Systemic nocardiosis: apropos of 2 cases] Carnevale G, et al. **G Ital Chemioter** 1984 Sep-Dec;31(3):253-8 (Eng. Abstr.) **(Ita)**

[Use of liquid-gas chromatography in the diagnosis of anaerobic infections in patients with acute suppuration of the lungs and pleura] Levashov IuN, et al. **Grudn Khir** 1984 Nov-Dec;(6):55-9 (Eng. Abstr.) **(Rus)**

[Anaerobic non-sporogenic infection in patients with lung abscesses] Vishnevskiĭ AA, et al. **Grudn Khir** 1984 Nov-Dec;(6):59-62 **(Rus)**

[Clinical picture, diagnosis and treatment of anaerobic abscess of the lung and pleurisy] Kolesov AP, et al. **Vestn Khir** 1985 Jan;134(1):17-23 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Clinical studies of cefoxitin with special reference to pulmonary suppuration and pyothorax with respiratory tract infection] Ito T. **Jpn J Antibiot** 1984 Sep; 37(9):1679-84 (Eng. Abstr.) **(Jpn)**

[Non-clostridial anaerobic infection in patients with lung abscesses] Vishnevskiĭ AA, et al. **Grudn Khir** 1984 Sep-Oct; (5):78-83 **(Rus)**

ETIOLOGY

Legionella lung abscess after renal transplantation. Bauling PC, et al. **J Infect** 1985 Jul;11(1):51-5

Carcinoma of the colon presenting as pulmonary microabscesses and septicaemia due to Clostridium perfringens. Gruer LD, et al. **Thorax** 1984 Oct;39(10):796-7

[Lung abscess as a complication of broncholithiasis] Borisov VV, et al. **Grudn Khir** 1985 Mar-Apr;(2):81 **(Rus)**

[Lung abscess and empyema as clinical manifestations of Salmonella infection (letter)] Morano Amado L, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):294-5 **(Spa)**

[Pulmonary abscess in Sjögren's syndrome. An unusual clinical manifestation] Abud-Mendoza C, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):277-81 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

[Acute pulmonary destruction and immunologic reactivity of the body] Levashov IuN, et al. **Grudn Khir** 1985 May-Jun;(3):63-8 (Eng. Abstr.) **(Rus)**

[Immunological indices and the acid phosphatase activity of the blood serum in patients with suppurative and destructive complications of acute pneumonia during the treatment/process] Barkov VA, et al. **Ter Arkh** 1984; 56(9):90-3 (Eng. Abstr.) **(Rus)**

[Immunological reactivity of patients with suppurative lung diseases and the effectiveness of immunocorrective therapy] Gubergrits AIa, et al. **Ter Arkh** 1985;57(3):55-8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Streptococcus milleri found in pulmonary empyemas and abscesses [letter] Waitkins SA, et al. **J Clin Pathol** 1985 Jun;38(6):716-7

MORTALITY

[Causes of lethality in acute abscesses and gangrene of the lungs] Ostrovskiĭ VK, et al. **Grudn Khir** 1985 May-Jun; (3):61-3 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 49-1984. A 64-year-old man with rheumatoid arthritis and cavitary pulmonary disease. **N Engl J Med** *1984 Dec 6;311(23):1496-505*

PHYSIOPATHOLOGY

The role of bronchial circulation in lung abscess. Charan NB, et al. **Am Rev Respir Dis** 1985 Jan;131(1):121-4

RADIOGRAPHY

[X-ray picture of anaerobic lesions of the lungs and pleura] Ishchenko BI, et al. **Vestn Rentgenol Radiol** 1984 Jul-Aug; (4):39-43 (Eng. Abstr.) **(Rus)**

SURGERY

Lung abscess: a changing pattern of the disease. Pohlson EC, et al. **Am J Surg** 1985 Jul;150(1):97-101

The treatment of lung abscess. Current concepts [editorial] Baker RR. **Chest** 1985 Jun;87(6):709-10

Utility of pneumonotomy in the treatment of cavitary lung disease. Snow N, et al. **Chest** 1985 Jun;87(6):731-4

Giant lung abscess treated by tube thoracostomy. Mengoli L. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):186-94

Percutaneous drainage of lung abscess [letter] Rami-Porta R, et al. **J Thorac Cardiovasc Surg** 1985 Feb;89(2):314

Percutaneous drainage of lung abscess [letter] Yellon A, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):639-40

Lung abscesses in children: diagnostic and therapeutic needle aspiration. Lorenzo RL, et al. **Radiology** 1985 Oct; 157(1):79-80

[Treatment of severe lung abscess by drainage of the abscess cavity] Li SF. **Chung Hua Wai Ko Tsa Chih** 1984 May; 22(5):293-4 (Eng. Abstr.) **(Chi)**

[Organ-sparing surgical treatment of large and multiple lung abscesses] Ogirenko AP, et al. **Grudn Khir** 1984 Nov-Dec; (6):39-42 (Eng. Abstr.) **(Rus)**

[Immobilized enzymes in surgical practice] Chepcheruk GS, et al. **Vestn Khir** 1985 Mar;134(3):126-30 **(Rus)**

THERAPY

Percutaneous tube drainage: the treatment of choice for refractory lung abscess. Yellin A, et al. **Ann Thorac Surg** 1985 Mar;39(3):266-70

[Use of autologous macrophage suspension in the treatment of lung abscesses] Chuchalin AG, et al. **Klin Med (Mosk)** 1985 Feb;63(2):85-8 (Eng. Abstr.) **(Rus)**

[Treatment of giant lung abscesses in children] Avilova OM, et al. **Vestn Khir** 1984 Aug;133(8):93-5 (Eng. Abstr.) **(Rus)**

[Our experience with hemosorption in the complex treatment of various diseases of the respiratory organs] Pilipchuk NS, et al. **Vrach Delo** 1984 Dec;(12):31-3 (Eng. Abstr.) **(Rus)**

VETERINARY

Comparison of protection induced in lambs by Corynebacterium pseudotuberculosis whole cell and cell wall vaccines. Brogden KA, et al. **Am J Vet Res** 1984 Nov; 45(11):2393-5

LUNG CAPACITIES see **LUNG VOLUME MEASUREMENTS**

LUNG COMPLIANCE

Measurement of static compliance of the total respiratory system in patients with acute respiratory failure during mechanical ventilation. The effect of intrinsic positive end-expiratory pressure. Rossi A, et al. **Am Rev Respir Dis** 1985 May;131(5):672-7

Ventilation, dynamic compliance and ventilatory response to CO2. Effects of age and body weight in infants and children. Olsson AK, et al. **Anaesthesia** 1985 Mar; 40(3):229-36

A simple method for estimating compliance. Brunner JX, et al. **Crit Care Med** 1985 Aug;13(8):675-8

Lung mechanical profiles in acute respiratory failure: diagnostic and prognostic value of compliance at different tidal volumes. Hylkema BS, et al. **Crit Care Med** 1985 Aug; 13(8):637-40

Pulmonary compliance measurement in acute respiratory failure. Mancebo J, et al. **Crit Care Med** 1985 Jul; 13(7):589-91

Possible function of bronchial surfactant. Lachmann B. **Eur J Respir Dis [Suppl]** 1985;142:49-61

Total respiratory compliance as a function of lung volume in patients with mechanical ventilation. Benito S, et al. **Intensive Care Med** 1985;11(2):76-9

The role of total static lung compliance in the management of severe ARDS responsive to conventional therapy [letter] Benito S, et al. **Intensive Care Med** 1985;11(3):163-4

Frequency dependence of pulmonary compliance and resistance in patients with obstructive lung disease. Clément J, et al. **J Appl Physiol** 1984 Nov;57(5):1439-47

Pulmonary resistance and compliance by auto- and cross-correlation functions of transpulmonary pressure and flow. Clément J, et al. **J Appl Physiol** 1984 Nov; 57(5):1448-53

Dynamic maintenance of end-expiratory lung volume in full-term infants. Kosch PC, et al. **J Appl Physiol** 1984 Oct;57(4):1126-33

Distortion of submerged dog lung lobes. Olson LE, et al. **J Appl Physiol** 1985 Aug;59(2):521-7

Contribution of tree structures in the lung to lung elastic recoil. Smith JC, et al. **J Appl Physiol** 1984 Nov; 57(5):1422-9

Effect of distortion on the mechanical properties of newborn piglet lung. Sullivan KJ, et al. **J Appl Physiol** 1985 Aug; 59(2):434-42

Lung volume and compliance in neonatal rats. Newman LM, et al. **Lab Anim Sci** 1984 Aug;34(4):371-5

A model of the vascular resistance and compliance distribution in a lung lobe. Bronikowski TA, et al. **Microvasc Res** 1984 Nov;28(3):289-310

Comparison of chest radiography and static respiratory compliance in the assessment of the severity of pulmonary diseases in newborns with respiratory distress. Lischka A, et al. **Pediatr Radiol** 1984;14(6):369-72

Decreased specific airway conductance in infant apnea. Kao LC, et al. **Pediatrics** 1985 Aug;76(2):232-5

Static lung compliance during the development of the bullfrog, Rana catesbeiana. Dupré RK, et al. **Respir Physiol** 1985 Feb;59(2):231-8

Lung mechanics in orally immunized mice after aerolized exposure to influenza virus. Bergmann KC, et al. **Respiration** 1984;46(2):218-21

[Characteristics of lung elasticity in children, adolescents and young adults with bronchial asthma and clinical signs of disease] Zapletal A, et al. **Cesk Pediatr** 1984 Dec; 39(12):690-8 (Eng. Abstr.) **(Cze)**

[Failure of static pulmonary volume measurements in mucoviscidosis] Haluszka J, et al. **Rev Mal Respir** 1984; 1(5):285-8 (Eng. Abstr.) **(Fre)**

[Changes in compliance of the intact thorax under rising insufflation pressure and the limits of physiological elasticity: studies on guinea pigs] Kluge R. **Biomed Biochim Acta** 1984;43(10):1135-44 (Eng. Abstr.) **(Ger)**

[Elastic properties of the juvenile lung] Kraemer R. **Prax Klin Pneumol** 1984 Jul;38(7):279-84 (Eng. Abstr.) **(Ger)**

[Calculation of normal values in lung compliance] Pielesch W, et al. **Respiration** 1984;46(1):69-75 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Improved lung-thorax compliance in the premature rabbit neonate after treatment with dibuturyladenosine-3':5'-cyclic monophosphate. Cosmi EV, et al. **Acta Obstet Gynecol Scand** 1984;63(6):523-5

[Effects of pneumogastric nerve stimulation and injection of a beta 2 stimulant (terbutaline) on the lipid composition of the alveolar lining fluid and on pulmonary compliance in the rat] Rami J, et al. **J Physiol (Paris)** 1984;79(1):29-35 (Eng. Abstr.) **(Fre)**

[The effect of thyrotropin releasing hormone on the peripheral airway response induced by leukotriene D] Koshino T, et al. **Arerugi** 1984 Dec;33(12):1059-62 (Eng. Abstr.) **(Jpn)**

[Effect of nicardipine on airway dynamics during general anesthesia] Kinoshita H, et al. **Masui** 1985 May; 34(5):588-94 (Eng. Abstr.) **(Jpn)**

[Effects of halothane and enflurane on the airway dynamics] Sakai T, et al. **Masui** 1984 Jul;33(7):709-13 (Eng. Abstr.) **(Jpn)**

LUNG DISEASE, INTERSTITIAL see **PULMONARY FIBROSIS**

LUNG DISEASES

see related

PULMONARY HEART DISEASE

Enterogenous cyst of the lung. Zapatero J, et al. **Acta Chir Iugosl** 1984 Mar;31(2):203-9 **(Eng, Scr)**

American Lung Association 81st annual meeting; American Thoracic Society 80th annual meeting; Congress of Lung Association Staff 73rd annual meeting. May 12-15, 1985, Anaheim. Abstracts. **Am Rev Respir Dis** 1985 Apr;131(4 Pt 2):A1-440

Joint meeting of the Thoracic Society of Australia and the British Thoracic Society. Adelaide, 7-9 May, 1984. Abstracts. **Aust NZ J Med** 1984 Aug;14(4 Suppl 2):521-55

The lung in growth and ageing. 19th annual congress of the European Society for Clinical Respiratory Physiology (SEPCR). The Hague, 24-28 June 1985. Abstracts. **Bull Eur Physiopathol Respir** 1985;21 Suppl:1-95

American College of Chest Physicians. 51st annual scientific assembly, October 28-November 1, 1985, New Orleans. Original investigations (abstracts). **Chest** 1985 Jul;88(1 Spec No):1S-75S

New frontiers in biology related to heart, lung, and blood diseases. **Circulation** 1984 Nov;70(5 Pt 2):III1-94

Pulmonary hemosiderosis. Cohen GA, et al. **Cutis** 1985 Feb; 35(2):106, 108-9

Symposium on pulmonary medicine. **Primary Care** 1985 Jun; 12(2):195-400

3rd congress of the European Society of Pneumology. Basel, September 16-22, 1984. Abstracts. **Respiration** 1984;46 Suppl 1:1-179

Proceedings of the British Thoracic Society. 6-7 December 1984, London. Abstracts. **Thorax** 1985 Mar;40(3):209-40

[The French Language Pneumology Society. List of members (1985)] **Rev Mal Respir** 1985;2(1 Suppl):1-18 ***(Fre)***

[Pediatric pneumology--do we once again need a new subspecialty?] Rossi E, et al. **Wien Klin Wochenschr** 1984 Aug 31;96(16):611-3 **(Ger)**

[Austrian Society for Lung Diseases and Tuberculosis. 18th annual meeting. Steyr, 16-19 May 1985. Abstracts] **Wien Med Wochenschr [Suppl]** 1985;90:1-28 **(Ger)**

[Pulmonary sarcoidosis] Blasi A, et al. **Arch Monaldi** 1984 May-Jun;39(3):115-25 (Eng. Abstr.) **(Ita)**

[Wegener's granulomatosis] Djurić B, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):59-62 (Eng. Abstr.) **(Scr)**

BLOOD

Factor VIII related antigen in term and preterm newborns with severe neonatal haemorrhage. Balla G, et al. **Acta Paediatr Hung** 1985;26(1):11-5

Accuracy of two ear oximeters at rest and during exercise in pulmonary patients. Ries AL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):685-9

Studies of peripheral blood monocytes in pulmonary sarcoidosis. Rømer FK, et al. **Clin Exp Immunol** 1984 Nov; 58(2):357-63

Significance of erythrocyte lipid peroxidation and superoxide dismutase activity in a patient with idiopathic pulmonary haemosiderosis. Kobayashi Y, et al. **Eur J Pediatr** 1984 Nov;143(1):64-6

Effects of breathing pattern and oxygen upon the alveolar arterial oxygen pressure difference in lung disease. Ploysongsang Y, et al. **Respiration** 1985;47(1):39-47

Does serum angiotensin converting enzyme reflect intensity of alveolitis in sarcoidosis? Cohen RD, et al. **Thorax** 1985 Jul;40(7):497-500

[Plasma immunoreactive calcitonin in acute and chronic lung diseases] Conte N, et al. **Minerva Endocrinol** 1984 Jul-Sep; 9(3):359-61 (Eng. Abstr.) **(Ita)**

[Study of atherogenic and anti-atherogenic lipoprotein lipids in lung diseases] Kolb VG, et al. **Lab Delo** 1984;(9):537-40 (Eng. Abstr.) **(Rus)**

[Blood acetylcholine level in patients with nonspecific lung diseases] Dotsenko EK, et al. **Ter Arkh** 1985;57(2):117-9 (Eng. Abstr.) **(Rus)**

[Carbon dioxide tension gradients in patients with chronic nonspecific lung diseases] Khasis GL, et al. **Ter Arkh** 1985; 57(2):120-3 (Eng. Abstr.) **(Rus)**

[Lipoprotein metabolism, tocopherol level and peroxide imbalance in patients with nonspecific lung diseases] Iakovleva OIa, et al. **Vrach Delo** 1984 Oct;(10):39-42 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Cytologic and biochemical changes in pulmonary washings of guinea pigs exposed to kerosene. Noa M, et al. **Allergol Immunopathol (Madr)** 1985 May-Jun;13(3):193-6

Gallium-67 lung uptake associated with amiodarone pulmonary toxicity. Dake MD, et al. **Am Heart J** 1985 May;109(5 Pt 1):1114-6

Combination chemotherapy with doxorubicin and mitomycin C in non-small cell bronchogenic carcinoma. Severe pulmonary toxicity from q 3 weekly mitomycin C. Doyle LA, et al. **Am J Clin Oncol** 1984 Dec;7(6):719-24

Electron microscopic demonstration of lysosomal inclusion bodies in lung, liver, lymph nodes, and blood leukocytes of patients with amiodarone pulmonary toxicity. Dake MD, et al. **Am J Med** 1985 Mar;78(3):506-12

Structure-function correlation of early stages of lung injury induced by intratracheal bleomycin in the rabbit. Berend N, et al. **Am Rev Respir Dis** 1985 Sep;132(3):582-9

Oxygen toxicity in rats. Varied effect of dexamethasone treatment depending on duration of hyperoxia. Koizumi M, et al. **Am Rev Respir Dis** 1985 Jun;131(6):907-11

Lung damage induced by butylated hydroxytoluene in mice. Biochemical, cellular, and morphologic characterization. Smith LJ. **Am Rev Respir Dis** 1984 Nov;130(5):895-904

Pulmonary toxicity of amiodarone: apparent double reporting of four cases [letter] Weingarten JS. **Ann Intern Med** 1985 Mar;102(3):411

Pulmonary angiomatoid vascular changes in mitomycin C-associated hemolytic-uremic syndrome. Chang-Poon VY, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):877-8

Pulmonary function assessment during bleomycin therapy. Lampert-Benignus E, et al. **Biomed Pharmacother** 1985; 39(2):87-93

Nitric acid-induced injury in the hamster lung. Coalson JJ, et al. **Br J Exp Pathol** 1985 Apr;66(2):205-15

A comparative study of the pulmonary effects of NO2 in the rat and hamster. Foster JR, et al. **Br J Exp Pathol** 1985 Apr;66(2):193-204

The induction of pulmonary phospholipidosis and the inhibition of lysosomal phospholipases by amiodarone. Heath MF, et al. **Br J Exp Pathol** 1985 Aug;66(4):391-7

Role of metabolism in the immediate effects and pneumotoxicity of 3-methylindole in goats. Breeze RG, et al. **Br J Pharmacol** 1984 Aug;82(4):809-15

Pulmonary infiltrates and eosinophilia associated with naproxen [letter] Sheehan NJ. **Br J Rheumatol** 1985 Aug; 24(3):302-3

Proceedings of the XXVth world conference of the IUAT (International Union Against Tuberculosis). Buenos Aires, 15-18 December 1982. **Bull Int Union Tuberc** 1984 Mar-Jun;59(1-2):6-53

Moxalactam disodium-induced pulmonary hemorrhage. *Brandstetter RD, et al.* ***Chest*** *1984 Oct;86(4):644-5*

Toxic-oil syndrome. Gallium-67 scanning and bronchoalveolar lavage studies in patients with abnormal lung function. De la Cruz JL, et al. **Chest** 1985 Sep; 88(3):398-402

Use of oral contraceptives in women with cystic fibrosis. Fitzpatrick SB, et al. **Chest** 1984 Dec;86(6):863-7

Amiodarone pulmonary toxicity. Chest radiography and CT in asymptomatic patients. Standertskjöld-Nordenstam CG, et al. **Chest** 1985 Jul;88(1):143-5

Diffuse interstitial lung disease associated with hypersensitivity to gold salt [letter] Bellelli A, et al. **Clin Exp Rheumatol** 1985 Apr-Jun;3(2):181-2

Pathogenesis of acute and chronic lung injury induced by foreign compounds. Witschi HP, et al. **Clin Physiol Biochem** 1985;3(2-3):135-46 (34 ref.)

Occupational lung disease induced by reactive chemicals. Zeiss CR. **Clin Rev Allergy** 1985 May;3(2):217-26

Application of morphometric methods to study diffuse and focal injury in the lung caused by toxic agents. Barry BE, et al. **CRC Crit Rev Toxicol** 1985;14(1):1-32 (86 ref.)

Lack of lung damage in mice following administration of tertiary butylhydroquinone. Krasavage WJ, et al. **Drug Chem Toxicol** 1984;7(4):335-43

Prevention of chlorphentermine-induced pulmonary phospholipidosis in rats by phenobarbital. Reasor MJ, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):192-6

Tissue slices in the study of lung metabolism and toxicology. Freeman BA, et al. **Environ Health Perspect** 1984 Jun; 56:51-60 (52 ref.)

Organotypic culture of fetal lung type II alveolar epithelial cells: applications to pulmonary toxicology. Shami SG, et al. **Environ Health Perspect** 1984 Jun;56:87-94

Angiotensin-converting enzyme: an indicator of bleomycin-induced pulmonary toxicity in humans? Sørensen PG, et al. **Eur J Cancer Clin Oncol** 1984 Nov; 20(11):1405-8

Toluene diisocyanate and lung function. Kay S. **Food Chem Toxicol** 1985 Mar;23(3):411-3

New approaches for the evaluation of pulmonary toxicity: bronchoalveolar lavage fluid analysis. Henderson RF, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):451-8 (32 ref.)

Toxic oil syndrome. Aldridge WN. **Hum Toxicol** 1985 May; 4(3):231-5

Amiodarone pulmonary toxicity: early changes in pulmonary function tests during amiodarone rechallenge. Veltri EP, et al. **J Am Coll Cardiol** 1985 Oct;6(4):802-5

Long-term health effects following isocyanate exposure [letter] Kelly RM, et al. **J Occup Med** 1985 Jul;27(7):469-70

A histomorphometric assessment of BHT-induced pulmonary toxicity. Coulombe PA, et al. **J Toxicol Environ Health** 1985;15(1):125-36

Dose-independence of early, cyclophosphamide-induced lung damage in mice. Depledge MH. **Jpn J Exp Med** 1984 Dec;54(6):235-9

Lung pseudometastases due to vinblastine toxicity [letter] Franchi F, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1047-8

Metals and the lung [editorial] **Lancet** 1984 Oct 20; 2(8408):903-4

3-Methylindole-induced pulmonary injury in lambs. A comparison with acute respiratory distress syndrome (ARDS). Ulvund MJ. **Nord Vet Med** 1984 Jul-Aug; 36(7-8):253-8

Norepinephrine-induced pulmonary petechiae in the rat: an experimental model with potential implications for sudden infant death syndrome. Krous HF, et al. **Pediatr Pathol** 1984;2(1):115-22

Interferon induces pulmonary cysts in A2G mice. Woodrow D, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7937-40

Increased incidence of death during warming in hypertensive rats treated with clonidine--possible lung pathology involvement. Hess RW, et al. **Proc West Pharmacol Soc** 1984;27:95-100

Bleomycin-related lung damage: CT evidence. Bellamy EA, et al. **Radiology** 1985 Jul;156(1):155-8

Recovery from severe pulmonary damage due to paraquat administered intravenously and orally. Hendy MS, et al. **Thorax** 1984 Nov;39(11):874-5

The effect of dietary restriction and altered sodium intake on the cardiopulmonary toxicity of monocrotaline pyrrole. Ganey PE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30; 78(1):55-62

Cadmium-induced lung injury: cell kinetics and long-term effects. Martin FM, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):215-27

Changes in rat lung structure and composition as a result of subchronic exposure to acrolein. Kutzman RS, et al. **Toxicology** 1985 Feb;34(2):139-51

Granulomatous reaction induced by lipids isolated from Paracoccidioides brasiliensis. Silva CL. **Trans R Soc Trop Med Hyg** 1985;79(1):70-3

[Pulmonary and pleural adverse effects of drugs. An analysis of 260 cases reported to the Adverse Effects Committee] Helsted J. **Ugeskr Laeger** 1984 Jul 9;146(28):2103-6 **(Dan)**

[Pneumopathies induced by amiodarone. Clinical, paraclinical and physiopathological data. Apropos of 2 cases] Dimitriou R, et al. **Arch Mal Coeur** 1985 Feb;78(2):261-5 (Eng. Abstr.) **(Fre)**

[Pulmonary function tests at different stages of toxic oil syndrome] Martin Escribano P, et al.

Bull Eur Physiopathol Respir 1984 Jul-Aug;20(4):307-12 (Eng. Abstr.) **(Fre)**

[Pneumo-renal syndrome with thrombotic microangiopathy after treatment with mitomycin (letter)] Larregain Fournier D, et al. **Presse Med** 1985 Apr 13;14(15):842 **(Fre)**

[Differential diagnostic problem of distinguishing pulmonary infiltrates following bleomycin therapy from metastases] Mayr B, et al. **ROFO** 1984 Oct;141(4):409-14 (Eng. Abstr.) **(Ger)**

[Respiratory function disorders caused by agrochemical exposure] Lehnigk B, et al. **Z Erkr Atmungsorgane** 1985; 164(3):267-9 (Eng. Abstr.) **(Ger)**

[Amiodarone pulmonary toxicity] Lieberman D, et al. **Harefuah** 1985 May 1;108(9):469-71 **(Heb)**

[Acute lung diseases caused by drug hypersensitivity] Gogin EE, et al. **Sov Med** 1984;(7):91-3 **(Rus)**

[The lung and industry (editorial)] León I. **Bol Asoc Med PR** 1984 Sep;76(9):381-2 **(Spa)**

CLASSIFICATION

[Classification of sarcoidosis] Molotkov VN, et al. **Probl Tuberk** 1984 Aug;(8):32-5 (Eng. Abstr.) **(Rus)**

[Clinical classification of sarcoidosis] Poletaev SD, et al. **Probl Tuberk** 1984 Aug;(8):29-32 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Fatal hemoptysis resulting from erosion of a pulmonary artery in cavitary sarcoidosis. Edelman RR, et al. **AJR** 1985 Jul;145(1):37-8

Spectrum of pulmonary diseases associated with the acquired immune deficiency syndrome. Stover DE, et al. **Am J Med** 1985 Mar;78(3):429-37

Pulmonary leukostasis in fatal human pneumococcal bacteremia without pneumonia. Reed WP, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1184-7

The role of fiberoptic bronchoscopy in the evaluation of immunocompromised hosts with diffuse pulmonary infiltrates. Williams D, et al. **Am Rev Respir Dis** 1985 Jun; 131(6):880-5

Interstitial lung disease in scleroderma. Analysis by bronchoalveolar lavage. Silver RM, et al. **Arthritis Rheum** 1984 Nov;27(11):1254-62

Pulmonary haemorrhage complicating Wegener's granulomatosis and microscopic polyarteritis. Haworth SJ, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1775-8

Sudden death associated with compression of pulmonary arteries in sarcoidosis. Martin JM, et al. **Can Med Assoc J** 1985 Sep 1;133(5):423-4

Pulmonary complications in patients with adult T-cell leukemia. Yoshioka R, et al. **Cancer** 1985 May 15; 55(10):2491-4

Sarcoidosis, pulmonary hypertension, and acquired peripheral pulmonary artery stenosis. Mangla A, et al. **Cathet Cardiovasc Diagn** 1985;11(1):69-74

Pulmonary involvement in the acquired immunodeficiency syndrome. Hopewell PC, et al. **Chest** 1985 Jan;87(1):104-12

Pleuro-pulmonary manifestations of systemic lupus erythematosus: clinical features of its subgroups. Prognostic and therapeutic implications. Pines A, et al. **Chest** 1985 Jul;88(1):129-35

Bronchocentric granulomatosis with glomerulonephritis. Warren J, et al. **Chest** 1985 Jun;87(6):832-4

Aspergillomas complicating sarcoidosis. A prospective study in 100 patients. Wollschlager C, et al. **Chest** 1984 Oct; 86(4):585-8

Thallium-201 scintigraphic visualization at rest of a dilated and hypertrophied right ventricle in a patient with sarcoidosis complicated by cor pulmonale. Shih WJ, et al. **Clin Nucl Med** 1985 Jun;10(6):422-3

Factors predicting nocturnal hypoxemia in patients with chronic lung disease. Midgren B, et al. **Clin Physiol** 1985; 5 Suppl 3:89-92

Recurrent diffuse pulmonary hemorrhage with minor kidney lesions. Ekholdt PF, et al. **Eur J Respir Dis** 1985 May; 66(5):353-9

Nocardia lung infection with hematogenous spread in a woman with adrenal cortical hyperfunction. Pesce CM, et al. **Eur J Respir Dis** 1984 Nov;65(8):613-5

Hemoptysis in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1985 Apr;66(4):302-5

Neonatal pneumothorax, a rare complication of pulmonary cystic lymphangiectasis. Siegal A, et al. **Eur J Respir Dis** 1985 Feb;66(2):153-7

Pulmonary complications of the acquired immunodeficiency syndrome: a clinicopathologic study of 70 cases. Marchevsky A, et al. **Hum Pathol** 1985 Jul;16(7):659-70

Coexisting medical problems: assessment and management for surgery. Smith DR, et al. **Int Anesthesiol Clin** 1984 Fall;22(3):61-73

Pulmonary bulla and sudden death in a young aeroplane passenger. Neidhart P, et al. **Intensive Care Med** 1985; 11(1):45-7

Bronchopulmonary disease in coeliac patients. Edwards C, et al. **J Clin Pathol** 1985 Apr;38(4):361-7

Bronchogenic cyst causing superior vena cava obstruction: CT appearance. Bankoff MS, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):951-2

Case report: bronchiolitis obliterans with multinodular lung densities and lymphoma. Cholankeril J, et al. **J Med Soc NJ** 1985 Jan;82(1):35-7

Neonatal pulmonary hypoplasia with premature rupture of fetal membranes and oligohydramnios. Thibeault DW, et al. **J Pediatr** 1985 Aug;107(2):273-7

Massive pulmonary hemorrhage: fatal complication of systemic lupus erythematosus [letter] Castañeda S, et al. **J Rheumatol** 1985 Feb;12(1):186-7

Effect of 0.64 ppm ozone on rats with chronic pulmonary bacterial infection. Sherwood RL, et al. **J Toxicol Environ Health** 1984;13(4-6):893-904

Prolonged suppression of cough after inhalation of lidocaine in a patient with sarcoid. Sanders RV, et al. **JAMA** 1984 Nov 2;252(17):2456-7

Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids. Rossi GA, et al. **Lung** 1985;163(2):83-93

Pulmonary aspects of chronic liver disease and liver transplantation. Krowka MJ, et al. **Mayo Clin Proc** 1985 Jun;60(6):407-18

Differential mechanical ventilation in respiratory failure due to severe unilateral lung disease. Parish JM, et al. **Mayo Clin Proc** 1984 Dec;59(12):822-8

Pleuropulmonary manifestations of rheumatoid disease. Lakhanpal S, et al. **Minn Med** 1984 Sep;67(9):515-6

Respiratory failure in a 32-year-old farmer due to nitrous dioxide exposure. Schwenk N. **Minn Med** 1984 Dec; 67(12):693

Idiopathic pulmonary hemosiderosis and adenocarcinoma of the lung [letter] Kuhn MJ. **N Engl J Med** 1985 Feb 7; 312(6):379

Juvenile laryngeal papillomatosis with pulmonary parenchymal spread. Case report and review of the literature. Kawanami T, et al. **Pediatr Radiol** 1985; 15(2):102-4 (17 ref.)

An unusual presentation of sarcoidosis--spontaneous haemopneumothorax. Gomm SA. **Postgrad Med J** 1984 Sep;60(707):621-3

Neurofibromatosis (von Recklinghausen's disease)--an unusual cause of parenchymal lung disease. A case report. Hardcastle SW, et al. **S Afr Med J** 1984 Dec 22-29; 66(25):959-60

Multiple microscopic pulmonary arteriovenous connections in the lungs presenting as cyanosis. MacNee W, et al. **Thorax** 1985 Apr;40(4):316-8

Pulmonary infection with Mycobacterium gordonae in the presence of bronchial carcinoma. Clague H, et al. **Tubercle** 1985 Mar;66(1):61-3

[Asthma and respiratory antecedents in children (letter)] Cooreman J, et al. **Rev Epidemiol Sante Publique** 1984; 32(6):414-6 **(Fre)**

[Bronchial asthma, eosinophilia and lung infiltrates (Churg-Strauss syndrome)] Bohn T, et al. **Schweiz Med Wochenschr** 1985 May 4;115(18):629-31 (Eng. Abstr.) **(Ger)**

[Clinical evaluation of the therapeutic efficacy of xibornol in acute infections in chronic pulmonary diseases (controlled clinical study)] Olivieri D, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):289-300 (Eng. Abstr.) **(Ita)**

[Amiodarone in subjects with pneumopathies] Scoditti S, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):83-90 (Eng. Abstr.) **(Ita)**

[Air transport of lung patients] Christensen CC, et al. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1902-6 (Eng. Abstr.) **(Nor)**

[Pleural empyema and its treatment in acute purulent disease of the lung] Ostrovskii VK. **Klin Khir** 1984 Oct;(10):41-4 (Eng. Abstr.) **(Rus)**

[Case of necrotizing sarcoid-like granulomatosis associated with a tuberculous lesion of the lungs] Gomoliako IV, et al. **Probl Tuberk** 1984 Nov;(11):67-8 **(Rus)**

[Exudative pleurisy in sarcoidosis] Shkunov AN. **Probl Tuberk** 1984 Aug;(8):71-2 **(Rus)**

[Allergic complications of antibacterial treatment in lung disease patients] Zlatanov Z, et al. **Probl Tuberk** 1985; (4):26-8 (Eng. Abstr.) **(Rus)**

[Amyloidosis in sarcoidosis] Mukhin NA, et al. **Ter Arkh** 1984;56(7):115-7 **(Rus)**

[Combined skin lesions in sarcoidosis] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):4-6 (Eng. Abstr.) **(Rus)**

[Clinical aspects, diagnosis and treatment of chronic maxillary sinusitis in patients with chronic nonspecific suppurative lung diseases] Muminov AI, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):49-52 (Eng. Abstr.) **(Rus)**

[Trapped lung syndrome. A rare cause of chronic pleural effusion] Gea J, et al. **Med Clin (Barc)** 1985 May 25; 84(20):825-7 (Eng. Abstr.) **(Spa)**

[Gastroesophageal reflux and pulmonary pathology] Pellicer C, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):817-21 **(Spa)**

[Autoimmune hemolytic anemia as an unusual complication of sarcoidosis] Gustafsson C, et al. **Lakartidningen** 1985 Feb 6;82(6):389-91 **(Swe)**

CONGENITAL

Prenatal pleural effusion associated with congenital pulmonary lymphangiectasia. Wilson RH, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):73-6

[Diffuse pulmonary lymphangiectasia of late disclosure associated with cardiopathy] Pernot C, et al. **Arch Fr Pediatr** 1984 Nov;41(9):617-22 (Eng. Abstr.) **(Fre)**

[Congenital pulmonary lymphangiectasis] Wöckel W, et al. **Zentralbl Allg Pathol** 1984;129(3):215-24 (Eng. Abstr.) **(Ger)**

[Diagnosis of congenital lung pathology in patients with dust-induced lung diseases] Sharov VB. **Gig Tr Prof Zabol** 1985 Jan;(1):17-20 (Eng. Abstr.) **(Rus)**

[Late result of the surgical treatment of a malignant tumor developing in the cavity of a congenital lung cyst in a 2-year-old child] Boĭkov GA, et al. **Pediatriia** 1985 Jan; (1):54 **(Rus)**

DIAGNOSIS

Abrasive bronchial brushing cytology. A preliminary study of 200 specimens for the diagnosis of neoplastic and nonneoplastic bronchopulmonary lesions. Shroff CP. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):101-7

Nodular pulmonary sarcoidosis. Diagnosis with fine needle aspiration biopsy. Vernon SE. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):473-6

S-100 staining in the diagnosis of eosinophilic granuloma of lung. Webber D, et al. **Am J Clin Pathol** 1985 Oct; 84(4):447-53

Diagnostic utility of pleural fluid eosinophilia. Adelman M, et al. **Am J Med** 1984 Nov;77(5):915-20

Fetal pulmonary cyst: intrauterine diagnosis and management. Asher JB, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):97-8

Diagnosis of pulmonary amyloidosis by transbronchial biopsy. Kline LR, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):191-4

Pseudotumor of the lung. Maples MD, et al. **Am Surg** 1985 Feb;51(2):84-8

Hemoptysis and anemia in a 3-year-old boy. Levy J, et al. **Ann Allergy** 1985 Sep;55(3):439-40, 486-9

Differential auscultation of the acutely ill patient. Hopkins RL. **Ann Emerg Med** 1985 Jun;14(6):589-90

Pulmonary involvement in systemic sclerosis (scleroderma). Steen VD, et al. **Arthritis Rheum** 1985 Jul;28(7):759-67

Use of gas liquid chromatography in the clinical diagnosis of anaerobic pleuropulmonary infection. Hunter JV, et al. **Br J Dis Chest** 1985 Jan;79(1):1-8

Characteristics of coalminers who have suffered excessive loss of lung function over 10 years. Pern PO, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):487-93

Lung transfer factor for carbon monoxide measured during a slow single breath without breath-holding and during slow exhalation. Saumon G, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):353-60

Bronchoalveolar T-cell subsets in gold lung. Evidence for a hypersensitivity reaction [letter] **Chest** 1985 Jan; 87(1):135-6

Monitoring intrapulmonary hemorrhage in Goodpasture's syndrome. Addleman M, et al. **Chest** 1985 Jan;87(1):119-20

Open lung biopsy. Its effects on therapy in the pediatric patient. Early GL, et al. **Chest** 1985 Apr;87(4):467-9

Acute myelomonocytic leukemia. Demonstration of pulmonary involvement by bronchoalveolar lavage. Rossi GA, et al. **Chest** 1985 Feb;87(2):259-60

The persistent need to improve our approach to sarcoidosis [editorial] Rubinstein I, et al. **Chest** 1985 Jun;87(6):710-1

Lung volumes measured by helium dilution and by body plethysmography with mouth and oesophageal pressures: a comparative study in patients with lung disease. Dahlqvist M, et al. **Clin Physiol** 1985 Apr;5(2):179-87

The value of angiotensin-I-converting enzyme determinations in malignant and other diseases. Schweisfurth H, et al. **Clin Physiol Biochem** 1985; 3(4):184-92

Asymptomatic pulmonary nodule in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1985 Jan;66(1):74-6

Non-invasive measurement of pulmonary arterial pressure in patients with chronic lung disease. Bishop JM. **G Ital Cardiol** 1984;14 Suppl 1:46-8

Analysis and automatic classification of breath sounds. Cohen A, et al. **IEEE Trans Biomed Eng** 1984 Sep;31(9):585-90

Pulmonary sarcoidosis--review of 9 cases. Behera D, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):74-8

Aspiration biopsy of peripheral lesions of lung. Chug A, et al. **Indian J Pathol Microbiol** 1984 Jan;27(1):7-10

Bronchoalveolar lavage: a decade later. Garcia JG, et al. **Ir Med J** 1984 Dec;77(12):399-401 (45 ref.)

A young female with a persistent unilateral pulmonary infiltrate. Thiele JS, et al. **J La State Med Soc** 1985 Feb; 137(2):46-7

Diagnosis of acute, diffuse pulmonary infiltrates. Moser KM. **JAMA** 1984 Oct 19;252(15):2044-7

Alveolar haemorrhage [editorial] **Lancet** 1985 Apr 13; 1(8433):853-4

Alveolar hemorrhage syndromes: diffuse microvascular lung hemorrhage in immune and idiopathic disorders. Leatherman JW, et al. **Medicine (Baltimore)** 1984 Nov; 63(6):343-61 (115 ref.)

Flexible fiberoptic bronchoscopy in the elderly. Brandstetter RD, et al. **NY State J Med** 1984 Nov;84(11):546-8

Peripheral pulmonary lesions: ultrasonography and ultrasonically guided aspiration biopsy. Yang PC, et al. **Radiology** 1985 May;155(2):451-6

Respiratory cytology: significance of 'suspect' results in a series of 435 patients. Caya JG, et al. **South Med J** 1985 Jun;78(6):701-3

Fluid-containing bullae in the lung. Leatherman JW, et al. **South Med J** 1985 Jun;78(6):708-10

Diagnosis of pulmonary complications of the acquired immune deficiency syndrome. Rosen MJ, et al. **Thorax** 1985 Aug;40(8):571–5

Sarcoid lesion in the breast presenting as carcinoma. Raju GC, et al. **Trop Geogr Med** 1984 Sep;36(3):297–8

[Discussion on the misdiagnosis of 102 cases of diffuse, miliary and mottled lesions of the lung] Xiao CS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):74–5 (Eng. Abstr.) **(Chi)**

[Transcatheter lung biopsy and its use in the diagnosis of pulmonary diseases] Xu SD. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):346–8, 382–3 (Eng. Abstr.) **(Chi)**

[Clinical study of 16 cases of inflammatory pseudotumor in the lung] Zhong BT. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):214–6 (Eng. Abstr.) **(Chi)**

[Fiberoptic bronchoscopy in the diagnosis of leukemic pulmonary lesions] Hu HC. **Chung Hua I Hsueh Tsa Chih** 1984 Aug;64(8):490–2 (Eng. Abstr.) **(Chi)**

[Evaluation of the methods of diagnosing pulmonary disease] Sun ZL. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):576–8 **(Chi)**

[Use of ultrasonic diagnosis in pneumology] Dolenský J. **Vnitr Lek** 1984 Aug;30(8):785–8 (Eng. Abstr.) **(Cze)**

[Wegener's granulomatosis with pulmonary onset] Josephsen P, et al. **Ugeskr Laeger** 1984 Sep 19;146(38):2872–3 (Eng. Abstr.) **(Dan)**

[Pulmonary inflammatory plasma cell tumors] Groebli Y, et al. **Ann Chir** 1984 Oct;38(7):551–5 (Eng. Abstr.) **(Fre)**

[Systemo-pulmonary fistula associated with stenosis of the brachiocephalic trunk and disclosed by exertional ischemia of the right arm] Vermynck JP, et al. **Ann Chir** 1984 Dec;38(9):685–90 (Eng. Abstr.) **(Fre)**

[Congenital adenomatoid and cystic malformation of the lung. Anatomic and clinical presentation and discussion of 2 cases] Volant A, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):685–90 (Eng. Abstr.) **(Fre)**

[Cerebral and pulmonary histiocytosis X. Neurologic manifestations disclosing a pseudotumoral formation on the floor of the 4th ventricle] Allard P, et al. **Rev Pneumol Clin** 1984;40(5):305–9 (Eng. Abstr.) **(Fre)**

[Contribution of rigid tube bronchoscopy to pneumologic diagnosis (study apropos of 500 cases)] Maalej M, et al. **Tunis Med** 1983 Mar–Apr;61(2):111–5 (Eng. Abstr.) **(Fre)**

[Pneumologic emergency conditions in geriatrics. With special reference to risk factors] Meister R. **Fortschr Med** 1984 Oct 25;102(40):1003–8 (Eng. Abstr.) **(Ger)**

[Generalized chronic sarcoidosis with clinically silent myocardial involvement] Kirsten D, et al. **Prax Klin Pneumol** 1984 Sep;38(9):417–9 (Eng. Abstr.) **(Ger)**

[Angiotensin converting enzyme in lung diseases] Mayr K, et al. **Wien Med Wochenschr** 1985 Mar 15;135(5):109–13 (Eng. Abstr.) **(Ger)**

[Diagnostic errors and diagnostic delays in diseases in the area of the thorax] Barthel E. **Z Arztl Fortbild (Jena)** 1984;78(23):993–6 **(Ger)**

[Diagnostic bronchoalveolar lavage] Filippow VP, et al. **Z Erkr Atmungsorgane** 1984;163(2):107–11 (Eng. Abstr.) **(Ger)**

[An electronic data processing program for respiratory function diagnosis with the KRS 4201 computer] Krause M, et al. **Z Erkr Atmungsorgane** 1984;163(1):19–23 (Eng. Abstr.) **(Ger)**

[Cystic hypoplasia of the lung--pathogenesis, clinical aspects, diagnosis and therapy] Lewaschow JN. **Z Erkr Atmungsorgane** 1984;163(3):264–73 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of round lung lesions--isolated tumor-like amyloidosis] Schawohl P, et al. **Z Erkr Atmungsorgane** 1984;163(3):292–6 (Eng. Abstr.) **(Ger)**

[Misdiagnosis of sarcoidosis in active pulmonary tuberculosis] Rubinstein I, et al. **Harefuah** 1985 Feb 15;108(4):175–6 (Eng. Abstr.) **(Heb)**

[Pulmonary manifestations of extrathoracic sarcoidosis without pulmonary roentgenologic signs] Nagy L, et al. **Orv Hetil** 1985 Sep 1;126(35):2169–70 (Eng. Abstr.) **(Hun)**

[Prenatal ultrasonic diagnosis of cystic adenomatoid changes in the fetal lung] Tóth Z, et al. **Orv Hetil** 1985 Jan 6;126(1):29–32 (Eng. Abstr.) **(Hun)**

[New diagnostic methods in occupational lung diseases: bronchoalveolar lavage. Experience at the Institute of Occupational Medicine, University of Milan] Forni A, et al. **Med Lav** 1985 Jan–Feb;76(1):11–6 (Eng. Abstr.) **(Ita)**

[New diagnostic methods in occupational lung diseases] Rubino GF. **Med Lav** 1985 Jan–Feb;76(1):3–4 (Eng. Abstr.) **(Ita)**

[Infantile idiopathic pulmonary hemosiderosis. Presentation of a case] Amici A, et al. **Pediatr Med Chir** 1984 Mar–Apr;6(2):341–4 (Eng. Abstr.) **(Ita)**

[Diagnosis of pulmonary infiltrate in hematologic disorders--with special reference to transbronchial lung biopsy] Ishizaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1134–41 (Eng. Abstr.) **(Jpn)**

[Endoscopic examination of the pleural cavity] Domagała-Kulawik J. **Wiad Lek** 1985 Jan 15;38(2):123–6 **(Pol)**

[Bronchoalveolar lavage in pulmonary pathology] Mangiulea V, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul–Sep;33(3):253–68 (Eng. Abstr.) **(Rum)**

[Comparative study of the antibiogram of primary and subcultures in diagnosing acute bronchopulmonary infections] Buiuc D, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec;88(4):663–8 (Eng. Abstr.) **(Rum)**

[Potentials of the cytological method in the differential diagnosis of infiltrative processes of various etiology in the lungs] Ermolova TP, et al. **Arkh Patol** 1984;46(12):26–30 (Eng. Abstr.) **(Rus)**

[Bronchofibroscopic and laboratory indices in the early diagnosis of postoperative bronchopulmonary complications] Rodionov VV, et al. **Klin Khir** 1984 Oct;(10):19–21 (Eng. Abstr.) **(Rus)**

[Diagnosis of diffuse interstitial lung diseases] Anastaatu S, et al. **Probl Tuberk** 1984 Dec;(12):26–9 (Eng. Abstr.) **(Rus)**

[Transbronchial biopsy of the lungs in the diagnosis of disseminated processes] Filippov VP, et al. **Probl Tuberk** 1985;(3):23–7 (Eng. Abstr.) **(Rus)**

[Differential diagnosis of tuberculosis and nonspecific lung diseases] Greimer MS, et al. **Probl Tuberk** 1984 Aug;(8):22–5 (Eng. Abstr.) **(Rus)**

[Sarcoidous pneumonia] Karachunskiĭ MA, et al. **Probl Tuberk** 1985;(1):69–70 **(Rus)**

[Comparative evaluation of the results of diagnostic thoracotomy and thoracoscopy with biopsy in disseminated lung diseases] Kazakov AF, et al. **Probl Tuberk** 1984 Aug;(8):26–8 (Eng. Abstr.) **(Rus)**

[Diagnosis of tuberculosis and other lung diseases with similar clinico-roentgenological signs] Khomenko AG, et al. **Probl Tuberk** 1985;(1):25–9 (Eng. Abstr.) **(Rus)**

[Value of immunological indicators in the diagnosis of tuberculosis and nonspecific lung diseases] Knoring BE, et al. **Probl Tuberk** 1985;(2):48–52 (Eng. Abstr.) **(Rus)**

[Clinico-roentgenological characteristics and complications of chronic diffuse forms of pulmonary sarcoidosis] Kostina ZI, et al. **Probl Tuberk** 1985;(1):32–5 (Eng. Abstr.) **(Rus)**

[Role of immunologic methods in the differential diagnosis of lung diseases in children and adolescents] Kostromina VP, et al. **Probl Tuberk** 1984 Sep;(9):17–20 (Eng. Abstr.) **(Rus)**

[Diagnosis of tuberculosis and non-tuberculous diseases of the respiratory organs among rural and urban population] Nikolaev IS, et al. **Probl Tuberk** 1984 Jul;(7):9–12 (Eng. Abstr.) **(Rus)**

[Stereoauscultation of the lungs and heart] Shustov AN. **Probl Tuberk** 1984 Jul;(7):72–3 **(Rus)**

[Activities of an antituberculosis dispensary and medical sanitary unit with regard to the detection of patients with chronic nonspecific lung diseases] Zastavnyĭ ED, et al. **Probl Tuberk** 1985;(1):17–9 (Eng. Abstr.) **(Rus)**

[Organization of medical services for a rural population with nonspecific lung diseases] Butorov IV, et al. **Sov Zdravookhr** 1984;(5):40–2 **(Rus)**

[Immunodiagnosis and immunotherapy of chronic nonspecific lung diseases] Borisova AM. **Ter Arkh** 1985;57(3):62–6 (Eng. Abstr.) **(Rus)**

[Subsegmental bronchoalveolar lavage in the diagnosis of inflammatory and disseminated processes in the lungs] Gerasin Va, et al. **Ter Arkh** 1985;57(3):99–102 (Eng. Abstr.) **(Rus)**

[Role of medical cybernetics in the improvement of diagnosis, prognosis and choice of treatment method in pulmonological patients] Molotkov VN, et al. **Ter Arkh** 1984;56(8):67–72 (Eng. Abstr.) **(Rus)**

[Differential diagnosis of cavitary formations in the lungs] Klochkova LS, et al. **Vrach Delo** 1984 Oct;(10):37–9 (Eng. Abstr.) **(Rus)**

[Rapid diagnosis of lung diseases using contact liquid crystalline thermography] Molotkov VN, et al. **Vrach Delo** 1985 Jan;(1):34–7 (Eng. Abstr.) **(Rus)**

[Serum lysozyme levels in patients with pulmonary tuberculosis and chronic nonspecific lung diseases] Rakovskaia RV, et al. **Vrach Delo** 1985 Jun;(6):41–2 **(Rus)**

[Idiopathic pulmonary hemosiderosis in an adult (letter)] Martínez Vázquez CA, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):335–6 **(Spa)**

[Serum neuron-specific enolase in the diagnosis of lung pathologies, tumorous or not. Preliminary results (letter)] Ruibal A, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):418–9 **(Spa)**

[Alveolar microlithiasis (letter)] Domíngez Moronta F, et al. **Rev Clin Esp** 1985 Apr;176(7):370 **(Spa)**

[Clinicobiologic profile of sarcoidosis. Analysis of 35 cases] Lorente JA, et al. **Rev Clin Esp** 1985 Feb;176(3):112–7 (Eng. Abstr.) **(Spa)**

[Idiopathic pulmonary hemosiderosis. Clinical case in an adult with respiratory function and an electron microscopy study] Regonesi C, et al. **Rev Med Chil** 1984 Apr;112(4):369–73 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Methylprednisolone reduces vascular resistance in hypoxic and atelectatic lungs. Strømme-Hansen L, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):446–52

Pellagra-like encephalopathy complicating a multiple drug regimen for the treatment of pulmonary infection due to Mycobacterium avium-intracellulare [letter] Brooks-Hill RW, et al. **Am Rev Respir Dis** 1985 Mar;131(3):476

Prediction of therapeutic response in steroid-treated pulmonary sarcoidosis. Evaluation of clinical parameters, bronchoalveolar lavage, gallium-67 lung scanning, and serum angiotensin-converting enzyme levels. Hollinger WM, et al. **Am Rev Respir Dis** 1985 Jul;132(1):65–9

Nocardia asteroides infection with dissemination to skin and joints. Boudoulas O, et al. **Arch Dermatol** 1985 Jul;121(7):898–900

Intravenous pulse methyl prednisolone in the successful treatment of severe sarcoid polyneuropathy with pulmonary involvement. Allen RK, et al. **Aust NZ J Med** 1985 Feb;15(1):45–6

The endotoxin-pretreated, oxygen-adapted rat model in hyperbaric hyperoxia. Jackson RM, et al. **Aviat Space Environ Med** 1984 Aug;55(8):709–14

Pulmonary lymphangiomyomatosis. Long-term survival in a patient with poor response to medroxyprogesterone [letter] Bevelaqua FA, et al. **Chest** 1985 Apr;87(4):552–3

Should pulmonary exacerbations in cystic fibrosis be treated with antibiotics? [editorial] Bosso JA. **Drug Intell Clin Pharm** 1984 Oct;18(10):825–6

Efficacy of aerosolized recombinant interferons against vesicular stomatitis virus-induced lung infection in cotton rats. Sun CS, et al. **J Interferon Res** 1984 Fall;4(4):449–59

Controlled trial of furosemide therapy in infants with chronic lung disease. McCann EM, et al. **J Pediatr** 1985 Jun;106(6):957–62

Budesonide inhalation to treat idiopathic pulmonary haemosiderosis [letter] Elinder G. **Lancet** 1985 Apr 27;1(8435):981–2

Pulmonary complications of AIDS [letter] Masci JR, et al. **N Engl J Med** 1984 Nov 1;311(18):1182–3

Individualization of tobramycin dosage in patients with cystic fibrosis. Hsu MC, et al. **Pediatr Infect Dis** 1984 Nov–Dec;3(6):526–9

Ceftazidime compared with gentamicin and carbenicillin in patients with cystic fibrosis, pulmonary pseudomonas infection, and an exacerbation of respiratory symptoms. British Thoracic Society Research Committee. **Thorax** 1985 May;40(5):358–63

[Diagnosis and treatment of infectious pulmonary disease] Huang XZ. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):531–3 **(Chi)**

[Treatment of pulmonary infection with antibiotics] Wang F. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):579–82 **(Chi)**

[Antibiotic therapy of pneumopathies in intensive care and protected distal bronchial samples] Laudat P, et al. **Pathol Biol (Paris)** 1985 May;33(5):435–9 (Eng. Abstr.) **(Fre)**

[Respiratory function and alveolar biological changes under the effect of CDP-choline in pulmonary interstitial pathology: pulmonary fibrosis and sarcoidosis] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(2):91–100 (Eng. Abstr.) **(Fre)**

[Initial modification of ACE levels by various corticoid doses in patients with sarcoidosis II] Rühle KH, et al. **Prax Klin Pneumol** 1985 Jan;39(1):15–8 (Eng. Abstr.) **(Ger)**

[Prognosis and indications of corticosteroid treatment of intrathoracic sarcoidosis--conclusions from a prospective study] Eule H, et al. **Z Erkr Atmungsorgane** 1985;164(1):43–59 (Eng. Abstr.) **(Ger)**

[Use of an antitussive drug in pulmonary pathology] Rimoldi R, et al. **Boll Chim Farm** 1985 Feb;124(2):1S–6S (Eng. Abstr.) **(Ita)**

[Analogs of prostaglandin-related substances and inhibitors of their formation and metabolism. Clinical application: respiratory diseases] Hirose T. **Nippon Rinsho** 1985 Mar;43(3):587–91 (30 ref.) **(Jpn)**

[Metronidazole in the treatment of pleuropulmonary infections due to anaerobic germs] Ispas LT, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct–Dec;33(4):361–70 (62 ref.) (Eng. Abstr.) **(Rum)**

[Comparative effectiveness of immunomodulators in the therapy of bronchopulmonary diseases] Zemskov AM, et al. **Antibiotiki** 1984 Sep;29(9):673–6 (Eng. Abstr.) **(Rus)**

[Complex treatment of patients with sarcoidosis of the respiratory organs] Kostina ZI. **Probl Tuberk** 1984 Aug;(8):48–52 (Eng. Abstr.) **(Rus)**

[Effectiveness of the complex treatment of patients with sarcoidosis of the respiratory organs] Poletaev SD, et al. **Probl Tuberk** 1984 Dec;(12):45–9 (Eng. Abstr.) **(Rus)**

ECONOMICS

[Medico-economic effectiveness of dispensary care for patients with chronic nonspecific lung diseases in a rural locality] Butorov IV, et al. **Ter Arkh** 1985;57(1):68–70 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

Early lung development [editorial] Stovin PG. **Thorax** 1985 Jun;40(6):401–4

ENZYMOLOGY

Clinical and biochemical aspects of sarcoidosis. With special reference to angiotensin-converting enzyme (ACE). Rømer FK. **Acta Med Scand [Suppl]** 1984;690:3–96

Lysozyme activity in bronchial and broncho-alveolar fluids. Carnimeo N, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):53-8

The value of serial serum angiotensin converting enzyme determinations in hospitalized patients with lung disease. Siefkin AD, et al. **Am J Med Sci** 1984 Dec;288(5):200-7

Role of Pseudomonas aeruginosa exoenzymes in lung infections of patients with cystic fibrosis. Döring G, et al. **Infect Immun** 1985 Sep;49(3):557-62

The immunocytochemical detection of angiotensin-converting enzyme in alveolar macrophages from patients with sarcoidosis. Takada Y, et al. **Lung** 1984; 162(6):317-23

Serum neutral alpha-D-glucosidase from patients with cystic fibrosis and chronic pulmonary disease. Alhadeff JA, et al. **Pediatr Res** 1985 Feb;19(2):171-4

Determination of serum angiotensin-converting enzyme in sarcoidosis. Tassi G, et al. **Ric Clin Lab** 1984 Oct-Dec; 14(4):621-7

[Serum angiotensin convertase activity and clinical course of sarcoidosis. Course studies in Löfgren syndrome] Sehrt I, et al. **Z Erkr Atmungsorgane** 1985;164(1):39-42 (Eng. Abstr.) **(Ger)**

[Serum angiotensin convertase activity and clinical course in sarcoidosis. Course studies in primary chronic sarcoidosis] Sehrt I, et al. **Z Erkr Atmungsorgane** 1984; 163(2):175-86 (Eng. Abstr.) **(Ger)**

[Change of lung lavage levels of angiotensin converting enzyme activity in mice with BCG-induced granulomatous pulmonary inflammation] Kitamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):474-8 (Eng. Abstr.) **(Jpn)**

[Chronologic changes of activities of macrophage-associated nonspecific esterases in the developing and healing experimental pulmonary granulomas] Tsuda T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):363-9 (Eng. Abstr.) **(Jpn)**

[Serum angiotensin-convertase activity in sarcoidosis and other chronic pulmonary diseases] Serbescu A, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):173-80 (Eng. Abstr.) **(Rum)**

[The enzyme spectrum of the peripheral blood lymphocytes in patients with nonspecific lung diseases] Khromenkov IuI, et al. **Ter Arkh** 1985;57(3):81-3 (Eng. Abstr.) **(Rus)**

[Protease activity and the level of antibodies to connective tissue elements in various lung diseases] Vinnik LA, et al. **Ter Arkh** 1985;57(3):83-5 (Eng. Abstr.) **(Rus)**

[Comparative study of concentrations of lysozyme in serum, bronchoalveolar washings and alveolar macrophages in lung diseases] Belianovskaia TI. **Vrach Delo** 1984 Dec; (12):28-31 (Eng. Abstr.) **(Rus)**

ETIOLOGY

An unusual complication of percutaneous catheterization of the internal jugular vein. Brandi LS, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):231-6

Lung hernia after blunt thoracic trauma. Kyösola K, et al. **Acta Chir Scand** 1984;150(5):425-8

Neonatal pulmonary haemorrhage, birthweight, gestational age and intrauterine growth. Fekete M, et al. **Acta Paediatr Hung** 1985;26(1):65-73

Respiratory function tests after mantle irradiation in patients with Hodgkin's disease. Cionini L, et al. **Acta Radiol [Oncol]** 1984;23(6):401-9

Pulmonary gangrene as a complication of mucormycosis. Zagoria RJ, et al. **AJR** 1985 Jun;144(6):1195-6

A longitudinal study of children exposed to sulfur oxides. Dodge R, et al. **Am J Epidemiol** 1985 May;121(5):720-36

Strain variation of bacillus Calmette-Guerin-induced pulmonary granuloma formation is correlated with anergy and the local production of migration inhibition factor and interleukin 1. Kobayashi K, et al. **Am J Pathol** 1985 May; 119(2):223-35

Lipid peroxidation and acute lung injury after thermal trauma to skin. Evidence of a role for hydroxyl radical. Till GO, et al. **Am J Pathol** 1985 Jun;119(3):376-84

Asbestos-related disease in railroad workers. A cross-sectional study. Oliver LC, et al. **Am Rev Respir Dis** 1985 Apr;131(4):499-504

Neutrophil alveolitis following endotoxemia. Enhancement by previous exposure to hyperoxia. Rinaldo JE, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1065-71

Isolated intrapulmonary haemorrhage. An unusual complication of internal jugular vein cannulation. Murray JM, et al. **Anaesthesia** 1985 May;40(5):468-70

Oesophageal atresia and respiratory complications. Matti Sulamaa lecture-30th May 1983. Lister J. **Ann Chir Gynaecol** 1985;74(2):52-9

Temporal patterns of exposure and nonmalignant pulmonary abnormality in Quebec chrysotile workers. Copes R, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):80-7

Pulmonary dysfunction secondary to soft-tissue endotoxin. Wenger H, et al. **Arch Surg** 1985 Feb;120(2):159-65

Application of the compartmentalization/airlock concept to aircraft and tolerance of lung to rapid decompression. Fang HS, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1015-9

Pulmonary manifestations of rheumatoid arthritis. Payne CR. **Br J Hosp Med** 1984 Oct;32(4):192-7

A study of dose-response relationships for asbestos associated disease. Finkelstein MM. **Br J Ind Med** 1985 May; 42(5):319-25

Respiratory impairment in coffee factory workers in the Asaro Valley of Papua New Guinea. Smith D, et al. **Br J Ind Med** 1985 Jul;42(7):495-8

Postoperative pain and pulmonary complications: comparison of three analgesic regimens. Cuschieri RJ, et al. **Br J Surg** 1985 Jun;72(6):495-8

Chronic bronchial sepsis and progressive lung damage [editorial] Cochrane GM. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1026-7

The Sézary syndrome with rapid pulmonary dissemination. Foster GH, et al. **Cancer** 1985 Sep 1;56(5):1197-8

Acute myeloblastic leukemia and sarcoidosis. Implications for pathogenesis. Reich JM. **Cancer** 1985 Jan 15;55(2):366-9

Chronic lung disease in cotton textile workers [letter] **Chest** 1985 Mar;87(3):406-8

Pulmonary complications of bone marrow transplantation. Krowka MJ, et al. **Chest** 1985 Feb;87(2):237-46 (50 ref.)

Hypercalcemia and rapidly progressive respiratory failure. Margolin RJ, et al. **Chest** 1984 Nov;86(5):767-9

Evidence of lymphocyte alveolitis in Crohn's disease. Wallaert B, et al. **Chest** 1985 Mar;87(3):363-7

Pulmonary manifestations of the rheumatic diseases. Boulware DW, et al. **Clin Rev Allergy** 1985 May; 3(2):249-67 (104 ref.)

Pulmonary involvement in chronic pancreatitis. Masoero G, et al. **Dig Dis Sci** 1984 Oct;29(10):896-901

Pulmonary function of marrow transplant patients. I. Effects of marrow infusion, acute graft-versus-host disease, and interstitial pneumonitis. Springmeyer SC, et al. **Exp Hematol** 1984 Nov;12(10):805-10

Cardiopulmonary risk of esophagogastroduodenoscopy. Role of endoscope diameter and systemic sedation. Lieberman DA, et al. **Gastroenterology** 1985 Feb;88(2):468-72

The production of late radiation damage in the lung. Patrick G. **Int J Radiat Biol** 1984 Oct;46(4):473-5

Experimental autoimmune glomerulonephritis with pulmonary hemorrhage in rats. The dose-effect relationship of the nephritogenic antigen from bovine glomerular basement membrane. Sado Y, et al. **J Clin Lab Immunol** 1984 Dec;15(4):199-204

Spontaneous intercostal lung hernia. Sheka KP, et al. **J Natl Med Assoc** 1984 Dec;76(12):1210, 1212-3

Chronic lung disease following hypocapneic alkalosis for persistent pulmonary hypertension [letter] Beck R. **J Pediatr** 1985 Mar;106(3):527-8

Retroperitoneal teratoma with rupture into the left lung. Krishnan MM, et al. **J R Coll Surg Edinb** 1985 Apr; 30(2):129-31

Munchausen's syndrome with multiple pulmonary manifestations. Mitchell DM, et al. **J R Soc Med** 1985 Aug; 78(8):681-2

Cross-sectional study of respiratory effects of arc welding. Zober A, et al. **J Soc Occup Med** 1985 Autumn;35(3):79-84

Cigarette smoking and lung haemorrhage in anti-glomerular-basement-membrane nephritis [letter] Leaker B, et al. **Lancet** 1984 Nov 3;2(8410):1039

Mechanisms of pulmonary oxygen toxicity. Fisher AB, et al. **Lung** 1984;162(5):255-9 (32 ref.)

Prevention of pulmonary complications in severe Guillain-Barré syndrome by early assisted ventilation. Newton-John H. **Med J Aust** 1985 Apr 15;142(8):444-5

The long-term pulmonary sequelae of prematurity: the role of familial airway hyperreactivity and the respiratory distress syndrome. Bertrand JM, et al. **N Engl J Med** 1985 Mar 21;312(12):742-5

Glomerulonephritis, pulmonary hemorrhage and coagulopathy associated with Haemophilus parainfluenzae endocarditis. Simon MW, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):183-8

Pneumatocele formation in a patient with Proteus mirabilis pneumonia. Lysy J, et al. **Postgrad Med J** 1985 Mar; 61(713):255-7

Influence of passive smoking on pulmonary function: a survey. Lebowitz MD. **Prev Med** 1984 Nov;13(6):645-55 (66 ref.)

Middle lobe torsion following right upper lobectomy. Pinstein ML, et al. **Radiology** 1985 Jun;155(3):580

Pulmonary involvement in systemic lupus erythematosus. Meyers OL. **Scand J Rheumatol [Suppl]** 1984;54:19-23

Organic dusts and lung reactions--exposure characteristics and mechanisms for disease. Rylander R. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):199-206

Severe, acute pulmonary disease in patients with systemic lupus erythematosus: ten years of experience at the National Institutes of Health. Carette S, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):52-9

Pleuropulmonary Whipple's disease. Pollock JJ. **South Med J** 1985 Feb;78(2):216-7

Pulmonary vasculitis complicating ulcerative colitis. Sargent D, et al. **South Med J** 1985 May;78(5):624-5

Immune complexes and the lung: a skeptical review. Richerson HB. **Surv Synth Pathol Res** 1984;3(4):281-91 (56 ref.)

Health effects of indoor passive smoking. Taylor LD, et al. **Tex Med** 1985 May;81(5):35-41

Monoclonal gammopathies in chest disease. Cordier JF, et al. **Thorax** 1985 Aug;40(8):629-30

Pulmonary disease in patients with Marfan syndrome. Wood JR, et al. **Thorax** 1984 Oct;39(10):780-4

Balantidiasis: report of a fatal case with appendicular and pulmonary involvement. Dorfman S, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):833-4

Nocardiosis in patients treated with corticosteroids. A report on three cases. Macfarlane DE, et al. **West Indian Med J** 1985 Jun;34(2):134-8

[Experimental study on acute lung injury induced by E. coli endotoxin in the rat] Yan YZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):7-10, 60 (Eng. Abstr.) **(Chi)**

[Advances in the research on acute alveolo-microvascular barrier injury] Rao WH. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):706-9 (26 ref.) **(Chi)**

[Rat model of passive lung anaphylaxis induced by trichosanthin] Wu RS, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):68-71 (Eng. Abstr.) **(Chi)**

[Meconium aspiration syndrome] Suhonen H, et al. **Duodecim** 1984;100(13):785-90 **(Fin)**

[Colonothoracic fistulas: presentation of 2 cases] Roy G, et al. **Acta Chir Belg** 1985 May-Jun;85(3):179-83 (Eng. Abstr.) **(Fre)**

[Late post-traumatic hemoptysis caused by hypervascularization in the area of pulmonary hematomas. Apropos of a case] Gindre D, et al. **Rev Pneumol Clin** 1985; 41(1):61-4 (Eng. Abstr.) **(Fre)**

[The occurrence of intra- and postoperative cardiovascular and pulmonary complications in relation to the preoperative condition of patients. A prospective study] Hartung HJ, et al. **Anaesthesist** 1984 Sep;33(9):417-21 (Eng. Abstr.) **(Ger)**

[Bronchopulmonary diseases in alcoholism] Lorenz J, et al. **Dtsch Med Wochenschr** 1985 Jul 5;110(27):1086-8 **(Ger)**

[A new questionnaire for the detection of causes of lung and respiratory tract diseases] Kronenberger H, et al. **Prax Klin Pneumol** 1985 Jul;39(7):233-51 (Eng. Abstr.) **(Ger)**

[The lung and alcohol] Lorenz J. **Prax Klin Pneumol** 1985 Apr;39(4):116-21 **(Ger)**

[Significance of the diaphragm in disseminating insidious inflammatory diseases of the abdominal organs] Eschbach H. **Radiol Diagn (Berl)** 1984;25(6):751-62 (Eng. Abstr.) **(Ger)**

[Significance of bronchial branching anomalies for recurrent and chronic nonspecific diseases of the respiratory organs in children] Thiemann HH. **Z Erkr Atmungsorgane** 1985; 164(2):145-9 (Eng. Abstr.) **(Ger)**

[Respiratory virosis] Micillo E. **Arch Monaldi** 1984 May-Jun; 39(3):159-72 (Eng. Abstr.) **(Ita)**

[The lung in connectivitis] Schettini A, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):3-26 (55 ref.) (Eng. Abstr.) **(Ita)**

[Group B streptococcus infections in newborn infants] de Vonderweid U, et al. **Minerva Pediatr** 1984 Sep 15; 36(17):803-8 (Eng. Abstr.) **(Ita)**

[Torsion of the right middle and lower lobes after right upper lobectomy: a case report] Hirata N, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):521-5 (Eng. Abstr.) **(Jpn)**

[Effect of elastase and its inhibitors on the mechanism of development of various pulmonary diseases] Ichiwata T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):636-43 (Eng. Abstr.) **(Jpn)**

[Anatomopathological aspects of the lung in the postoperative period of cardiac surgery] Barros M de M. **Arq Bras Cardiol** 1984 Sep;43(3):195-9 **(Por)**

[Changes in the lungs in patients with lymphogranulomatosis. Stages I-II, following combination therapy] Baisogolov GD, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):18-22 (Eng. Abstr.) **(Rus)**

[Role of certain mechanisms in the pathogenesis of emphysema and a number of other lung diseases] Putov NV, et al. **Ter Arkh** 1985;57(3):144-8 (64 ref.) **(Rus)**

[Closed chest injuries and lung cysts in children] Atamanov IuA. **Vestn Khir** 1984 Oct;133(10):90-4 (Eng. Abstr.) **(Rus)**

[Post-traumatic hematoma of the lung] Radosavljević G, et al. **Srp Arh Celok Lek** 1984 Sep;112(9):941-7 (Eng. Abstr.) **(Scr)**

[Acute rheumatoid pulmonary infiltrations] Djurić B, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):218-22 (Eng. Abstr.) **(Scr)**

[Pleuropulmonary manifestations in persons indirectly exposed to asbestos dust] Petričević I, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):51-3 (Eng. Abstr.) **(Scr)**

[Occupational diseases of the lung] Ramírez Rivera J. **Bol Asoc Med PR** 1984 Sep;76(9):388-93 (Eng. Abstr.) **(Spa)**

[Delayed obliterative vasculopathy without interstitial fibrosis in toxic oil syndrome] Sueiro Bendito A, et al. **Med Clin (Barc)** 1985 Feb 16;84(6):237-9 (Eng. Abstr.) **(Spa)**

[Cardiorespiratory involvement in progressive systemic sclerosis] García de Castro J, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):45-7 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Variance components analysis of forced expiration in families. Astemborski JA, et al. **Am J Med Genet** 1985 Aug; 21(4):741-53

Strain differences in lung granuloma formation in response to a BCG cell-wall vaccine in mice. Demonstration of two types of low responders. Kakinuma M, et al. **Immunology** 1985 May;55(1):91-5

Serum prealbumin and retinol-binding protein in the prealbumin-related senile and familial forms of systemic amyloidosis. Westermark P, et al. **Lab Invest** 1985 Mar;52(3):314–8

[The HLA system and lung diseases] Litvinov VI, et al. **Probl Tuberk** 1984 Sep;(9):69–75 (69 ref.) **(Rus)**

HISTORY

A view from the center. Guenter CA. **Am Rev Respir Dis** 1985 Jun;131(6):928–30

[Creative legacy of N.S. Molchanov in the field of pulmonology (on his 85th birthday)] Gembitskiĭ EV, et al. **Ter Arkh** 1984;56(11):142–3 **(Rus)**

IMMUNOLOGY

Ia-like antigens on T-cells and their subpopulations in pulmonary sarcoidosis and in hypersensitivity pneumonitis. Analysis of bronchoalveolar and blood lymphocytes. Costabel U, et al. **Am Rev Respir Dis** 1985 Mar;131(3):337–42

Detection of class-specific antibodies against Aspergillus fumigatus antigens in various pulmonary diseases. Huizinga M, et al. **Ann Inst Pasteur Immunol** 1985 May–Jun;136C(3):343–52

Correlation between cytotoxic and suppressor activities of human pulmonary alveolar macrophages. Hengst JC, et al. **Cancer Res** 1985 Jan;45(1):459–63

Bronchoalveolar T lymphocytes and pulmonary sarcoidosis. Hunninghake GW. **Clin Rev Allergy** 1985 May;3(2):227–34 (50 ref.)

Polyclonal activators in pulmonary immune disease. Willoughby WF, et al. **Clin Rev Allergy** 1985 May;3(2):197–216 (112 ref.)

Selective IgA deficiency associated with recurrent sinopulmonary infections in sarcoidosis. Rubinstein I, et al. **Eur J Respir Dis** 1984 Oct;65(7):550–2

Serum-mediated stimulation and inhibition of neutrophil locomotion in sarcoidosis. Schmekel B, et al. **Eur J Respir Dis** 1984 Nov;65(8):592–9

Pulmonary immune effector cells: II. Antigen-specific blastogenic responsiveness of lymphocyte populations during pulmonary immune complex disease in guinea pigs. LeFever AV, et al. **Exp Lung Res** 1984;7(1):23–39

Antibacterial immunity of lower airways: local or localized? Franěk J, et al. **Folia Microbiol (Praha)** 1985;30(3):247–57

Immunotoxicologic evaluation of the respiratory system: animal models for immediate- and delayed-onset pulmonary hypersensitivity. Karol MH, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):459–72 (34 ref.)

Serum antibodies and their role in antibody-dependent cell-mediated cytotoxicity in aspergillosis. Kurup VP, et al. **Immunobiology** 1985 May;169(4):362–71

The role of basophils and mast cells in the pathogenesis of pulmonary diseases. Marone G. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:70–82 (106 ref.)

Gamma interferon is spontaneously released by alveolar macrophages and lung T lymphocytes in patients with pulmonary sarcoidosis. Robinson BW, et al. **J Clin Invest** 1985 May;75(5):1488–95

Characterization of mononuclear phagocyte subpopulations in the human lung by using monoclonal antibodies: changes in alveolar macrophage phenotype associated with pulmonary sarcoidosis. Hance AJ, et al. **J Immunol** 1985 Jan;134(1):284–92

Role of interleukin 1 in experimental pulmonary granuloma in mice. Kobayashi K, et al. **J Immunol** 1985 Jan;134(1):358–64

Bronchoalveolar cells from sarcoid patients demonstrate enhanced antigen presentation. Lem VM, et al. **J Immunol** 1985 Sep;135(3):1766–71

Studies on the ability of alginate to act as a protective immunogen against infection with Pseudomonas aeruginosa in animals. Woods DE, et al. **J Infect Dis** 1985 Apr;151(4):581–8

Pulmonary sarcoidosis: flow cytometry measurement of lung T cell activation. Mornex JF, et al. **J Lab Clin Med** 1985 Jan;105(1):70–6

Methylprednisolone impairs the bactericidal activity of alveolar macrophages. White JC, et al. **J Surg Res** 1985 Jul;39(1):46–52

Pulmonary disease in the immunocompromised host. 1. Rosenow EC 3d, et al. **Mayo Clin Proc** 1985 Jul;60(7):473–87 (141 ref.)

Pulmonary disease in the immunocompromised host (2). Wilson WR, et al. **Mayo Clin Proc** 1985 Sep;60(9):610–31 (237 ref.)

Monoclonal antibodies and lymphocyte subsets in bronchial-washing liquid. Gennarelli E, et al. **Ric Clin Lab** 1984 Jul–Sep;14(3):333–5

Relationship of neutrophil cytoplasmic protein (L1) to acute and chronic lung disease. Stockley RA, et al. **Scand J Clin Lab Invest** 1984 Nov;44(7):629–34

Pulmonary sarcoidosis: alterations in bronchoalveolar lymphocytes and T cell subsets. Greening AP, et al. **Thorax** 1985 Apr;40(4):278–83

The immunological aspects of praziquantel in unsensitized mice with experimentally induced schistosome pulmonary granuloma. Botros SS, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):569–72

[Haptoglobin typing in sarcoidosis] Göring HD, et al. **Dermatol Monatsschr** 1985;171(2):128–9 **(Ger)**

[Lymphocyte markers in sarcoidosis and tuberculosis] Munker M, et al. **Prax Klin Pneumol** 1984 Oct;38(10):456–9 (Eng. Abstr.) **(Ger)**

[Bronchoalveolar immunoglobulins in sarcoidosis] Bauer W, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):103–5 (Eng. Abstr.) **(Ger)**

[Long-term study of various immunologic functions in children with chronic nonspecific lung diseases] Wiersbitzky S, et al. **Z Erkr Atmungsorgane** 1985;164(3):241–53 (Eng. Abstr.) **(Ger)**

[A study of bronchus-associated lymphoid tissue (BALT) in pulmonary delayed type hypersensitivity. Immunological significance of the bronchoalveolar lavage (BAL) fluid in rabbits] Chida K, et al. **Kekkaku** 1985 Jan;60(1):7–22 (Eng. Abstr.) **(Jpn)**

[Local immune reactions to microorganisms] Izumi T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):146–50 (Eng. Abstr.) **(Jpn)**

[Immunologic disorders in patients with an active form of pulmonary sarcoidosis] Wolska-Goszka L. **Wiad Lek** 1984 May 15;37(10):777–81 (54 ref.) **(Pol)**

[Effect of hemosorption on immunological reactivity indices in the combined treatment of patients with extensive nonspecific destructive suppurative processes in the lungs and pleura] Lukomskiĭ GI, et al. **Grudn Khir** 1985 Mar–Apr;(2):20–3 (Eng. Abstr.) **(Rus)**

[Local cellular mechanisms of protection in lung diseases in children] Matveeva LA. **Pediatriia** 1985 Jan;(1):25–7 **(Rus)**

[T-lymphocyte subpopulations in sarcoidosis] Gergert VIa, et al. **Probl Tuberk** 1984 Sep;(9):65–9 (Eng. Abstr.) **(Rus)**

[Autoimmune thrombocytopenia in sarcoidosis] Glushko RA, et al. **Probl Tuberk** 1984 Aug;(8):73–4 **(Rus)**

[Chronic nonspecific lung diseases, immunological deficiency and the means of its correction] Chuchalin AG, et al. **Ter Arkh** 1984;56(10):10–4 (Eng. Abstr.) **(Rus)**

[HLA antigens in lung diseases] Khomenko AG, et al. **Ter Arkh** 1985;57(3):77–80 (Eng. Abstr.) **(Rus)**

[Etiology of acute and chronic bronchopulmonary diseases in children. II. A study of the specific immune response by counterimmunoelectrophoresis and the complement fixation and passive hemagglutination reactions] Katosova LK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):11–5 (Eng. Abstr.) **(Rus)**

[The immunobiology of pulmonary granulomatosis (editorial)] Farga V. **Rev Med Chil** 1984 Nov;112(11):1172–3 **(Spa)**

[Immunobiology of the lower respiratory tree] Sepúlveda R. **Rev Med Chil** 1984 Sep;112(9):951–7 (Eng. Abstr.) **(Spa)**

METABOLISM

Calcium and phosphate metabolism in sarcoidosis. Alberts C, et al. **Adv Exp Med Biol** 1984;178:405–9

Arachidonic acid metabolites in the healthy and diseased lung. Newman JH, et al. **Am J Med Sci** 1984 Sep;288(2):75–80 (61 ref.)

Prevention by zinc of rat lung collagen accumulation in carbon tetrachloride injury. Anttinen H, et al. **Am Rev Respir Dis** 1985 Sep;132(3):536–40

Prostaglandins and thromboxanes in the bronchoalveolar lavage fluid: possible immunoregulation in sarcoidosis. Baughman RP, et al. **Am Rev Respir Dis** 1984 Nov;130(5):933–6

Bleomycin-induced lung injury in the rabbit. Analysis and correlation of bronchoalveolar lavage, morphometrics, and fibroblast stimulating activity. Bigby TD, et al. **Am Rev Respir Dis** 1985 Sep;132(3):590–5

The lipid-laden alveolar macrophage as a marker of aspiration in parenchymal lung disease. Corwin RW, et al. **Am Rev Respir Dis** 1985 Sep;132(3):576–81

Radioaerosol lung clearance in patients with active pulmonary sarcoidosis. Jacobs MP, et al. **Am Rev Respir Dis** 1985 May;131(5):687–9

Hyaluronate in bronchoalveolar lavage fluid: a new marker in sarcoidosis reflecting pulmonary disease. Hällgren R, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1778–81

Pulmonary disposition of moxalactam. Braude AC, et al. **Chest** 1984 Dec;86(6):881–3

A biochemical study of the carrageenan-induced granuloma in the rat lung. Bowers RR, et al. **Connect Tissue Res** 1985;13(3):191–206

Endobronchial surface active phospholipids in various pulmonary diseases. Hallman M, et al. **Eur J Respir Dis [Suppl]** 1985;142:37–47

Characterization of two glycoproteins isolated from lung lavage fluid of normal human and from patients with two pulmonary diseases. Bhattacharyya SN, et al. **Inflammation** 1984 Dec;8(4):407–15

Isolation and structural identification of 1,25-dihydroxyvitamin D3 produced by cultured alveolar macrophages in sarcoidosis. Adams JS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):960–6

Human alveolar macrophages synthesize factor VII in vitro. Possible role in interstitial lung disease. Chapman HA Jr, et al. **J Clin Invest** 1985 Jun;75(6):2030–7

Lack of correlation of severity of lung disease with the phosphatidylcholine concentration in fetal lung fluid from premature lambs at 133–136 days gestational age. Jobe A, et al. **J Dev Physiol** 1984 Oct;6(5):417–21

Characterization of 1 alpha-hydroxylation of vitamin D3 sterols by cultured alveolar macrophages from patients with sarcoidosis. Adams JS, et al. **J Exp Med** 1985 Apr 1;161(4):755–65

[A report on the 5-HT content of lung tissue in bronchogenic carcinoma, carcinoid and non-carcinomatous lesions] Jiang XF. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):349–51, 383 (Eng. Abstr.) **(Chi)**

[Study of liquid components of bronchoalveolar lavage fluid in diffuse interstitial pulmonary diseases] Kado M, et al. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1–2):105–13 (Eng. Abstr.) **(Jpn)**

[Connective tissue metabolism in chronic nonspecific lung diseases] Syromiatnikova NV, et al. **Sov Med** 1984;(10):74–7 **(Rus)**

[Acid-base equilibrium and blood gas composition in patients with chronic nonspecific lung diseases] Avilova OM, et al. **Vrach Delo** 1985 Jan;(1):39–42 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Branhamella catarrhalis: an unappreciated pulmonary pathogen. Roth RM, et al. **Am Fam Physician** 1984 Oct;30(4):169–73

Antimicrobial susceptibility of Branhamella catarrhalis isolates from bronchopulmonary infections. Ahmad F, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):424–5

Use of protected telescoping brush system in the management of bacterial pulmonary infection in intubated patients. Torzillo PJ, et al. **Br J Dis Chest** 1985 Apr;79(2):125–31

Isolation of fungi and Nocardia in various broncho-pulmonary diseases. Sharma TN, et al. **J Assoc Physicians India** 1984 Oct;32(10):855–7

Pneumocystis carinii antigenemia in adults with malignancy, infection, or pulmonary disease. Pifer LL, et al. **J Clin Microbiol** 1984 Nov;20(5):887–90

Pulmonary actinomycosis of periodontal origin. Suzuki JB, et al. **J Periodontol** 1984 Oct;55(10):581–4

[Relationship between the number of leptospires in blood, livers and lungs of guinea pigs and the pulmonary diffuse hemorrhage of leptospirosis] Hu QL, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):33–6 (Eng. Abstr.) **(Chi)**

[New problems in pulmonary bacterial infectious disease. 2. Diagnostic techniques. ii. Determination methods of causative organisms] Saito A. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb;23(2):160–4 (Eng. Abstr.) **(Jpn)**

[Improved technics for the bacteriological examination of the sputum in chronic nontubercular bronchopulmonary diseases] Bercea O, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul–Sep;33(3):269–83 (Eng. Abstr.) **(Rum)**

[Possibility of using fiberbronchoscopy for bacterial study of the lower respiratory tract] Dratvin SA, et al. **Lab Delo** 1985;(3):173–4 **(Rus)**

[Clinico-epidemiological aspects of sparse and single detection of M. tuberculosis] Bobchenok AP. **Probl Tuberk** 1985;(3):54–7 (Eng. Abstr.) **(Rus)**

MORTALITY

Why do patients with lupus nephritis die? [letter] Leung AT, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):937

Physiological variables and mortality in patients with various categories of chronic respiratory disease. Bishop JM, et al. **Bull Eur Physiopathol Respir** 1984 Nov–Dec;20(6):495–500

[Mortality in a pneumophtisiology department in Tunis] Maalej M, et al. **Tunis Med** 1983 May–Jun;61(3):233–7 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Idiopathic pulmonary haemosiderosis in Swedish children. Kjellman B, et al. **Acta Paediatr Scand** 1984 Sep;73(5):584–8

An outbreak of histoplasmosis in a prison. Morse DL, et al. **Am J Epidemiol** 1985 Aug;122(2):253–61

An 'outbreak' of pulmonary pseudoinfection by Serratia marcescens. Siegman-Igra Y, et al. **J Hosp Infect** 1985 Jun;6(2):218–20

[Pulmonary infections in pediatrics] Nameche J. **Rev Med Brux** 1984 Nov;5(9):613–7 (Eng. Abstr.) **(Fre)**

[Epidemiology and clinical aspects of sarcoidosis as a cyclic infection disease with low penetrance] Werner E. **Z Erkr Atmungsorgane** 1985;164(1):94–7 (Eng. Abstr.) **(Ger)**

[Multivariate statistical analysis in predicting bronchopulmonary complications after surgical interventions in cancer of the lung] Ferrari M, et al. **Chir Ital** 1983 Dec;35(6):866–71 (Eng. Abstr.) **(Ita)**

[Analysis of post-operative pulmonary complications and the score to predict their occurrences] Fujimoto K, et al. **Masui** 1984 Dec;33(12):1382–8 (Eng. Abstr.) **(Jpn)**

[Prevalence of chronic nonspecific lung diseases in 5 regions of the Latvian S.S.R.] Shnipas PA, et al. **Probl Tuberk** 1985;(2):11–3 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

[Acute course of schistosomiasis with pulmonary and hepatogenic localization] Lundershausen R, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):394–6 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Pulmonary dirofilariasis diagnosed by fine needle aspiration biopsy. A case report. Hawkins AG, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):19-22

Fine needle aspiration cytology of granulomatous diseases of the lung, including nontuberculous Mycobacterium infection. Silverman JF, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):535-41

Cytologic diagnosis of intravenous talc granulomatosis by fine needle aspiration biopsy. A case report. Tao LC, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):737-9

Necrotizing sarcoid granulomatosis with suppurative features. Rolfes DB, et al. **Am J Clin Pathol** 1984 Nov; 82(5):602-7

Demonstration in situ of subsets of T-lymphocytes in sarcoidosis. Modlin RL, et al. **Am J Dermatopathol** 1984 Oct;6(5):423-7

Noncaseating pulmonary granulomas associated with small cell carcinoma of the lung. Lynch JP 3d, et al. **Am J Med** 1985 Apr;78(4):691-6

Open lung biopsy in patients with acute leukemia. McCabe RE, et al. **Am J Med** 1985 Apr;78(4):609-16

Immunocytochemical characterization of pulmonary histiocytosis X cells in lung biopsies. Soler P, et al. **Am J Pathol** 1985 Mar;118(3):439-51

Modification by hyperoxia in vivo of endotoxin-induced neutrophil alveolitis in rats. Production of chemotactic factors by alveolar macrophages and ultrastructure. Christman JW, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):152-8

Diagnosis of pulmonary disease in acquired immune deficiency syndrome (AIDS). Role of bronchoscopy and bronchoalveolar lavage. Stover DE, et al. **Am Rev Respir Dis** 1984 Oct;130(4):659-62

Idiopathic pulmonary haemosiderosis. The peri-operative anaesthetic management of a patient for open lung biopsy. Whitehurst P, et al. **Anaesthesia** 1985 Jan;40(1):37-41

Pulmonary hyalinizing granuloma. Maijub AG, et al. **Ann Allergy** 1985 Mar;54(3):227-9

Open lung biopsy in immunocompromised patients. Cockerill FR 3d, et al. **Arch Intern Med** 1985 Aug;145(8):1398-404

Granulomas in sympathetic ophthalmia and sarcoidosis. Immunohistochemical study. Chan CC, et al. **Arch Ophthalmol** 1985 Feb;103(2):198-202

Pulmonary peliosis. Lie JT. **Arch Pathol Lab Med** 1985 Sep; 109(9):878-9

Pulmonary capillaritis and hemorrhage in patients with systemic vasculitis. Mark EJ, et al. **Arch Pathol Lab Med** 1985 May;109(5):413-8

Lung biopsy [editorial] Macfarlane J. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):97-8

Value of open-lung biopsy in 87 immunocompromised patients with pulmonary infiltrates. Cheson BD, et al. **Cancer** 1985 Jan 15;55(2):453-9

Mineral dusts in lungs with scar or scar cancer. Yao YT, et al. **Cancer** 1984 Nov 1;54(9):1814-23

Two cases of pulmonary Waldenström's macroglobulinemia. Kobayashi H, et al. **Chest** 1985 Aug;88(2):297-9

Open lung biopsy in immunocompromised patients. McKenna RJ Jr, et al. **Chest** 1984 Nov;86(5):671-4

Lupus lung. Miller LR, et al. **Chest** 1985 Aug;88(2):265-9

Bronchial and transbronchial lung biopsy without fluoroscopy in sarcoidosis. Puar HS, et al. **Chest** 1985 Mar; 87(3):303-6

Use of bronchoalveolar lavage to detect lung damage. Henderson RF. **Environ Health Perspect** 1984 Jun; 56:115-29 (107 ref.)

Disseminated pulmonary ossification. Gortenuti G, et al. **Eur J Radiol** 1985 Feb;5(1):14-6

Morphology of the bronchial lining layer and its alteration in IRDS, ARDS and COLD. Morgenroth K. **Eur J Respir Dis [Suppl]** 1985;142:7-18

GI symptoms in woman with pulmonary sarcoid. Hoenig LJ, et al. **Hosp Pract [Off]** 1985 Sep 30;20(9A):19-20

Kaposi's sarcoma presenting as pulmonary disease in the acquired immunodeficiency syndrome: diagnosis by lung biopsy. Nash G, et al. **Hum Pathol** 1984 Oct; 15(10):999-1001

Pulmonary immunodeficiency. Bellanti JA, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:101-7

Pulmonary sarcoidosis: pathogenesis, staging and therapy. Saltini C, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:92-100

Pulmonary pathology in renal transplant recipients. Fairshter RD, et al. **Int J Artif Organs** 1984 Nov;7(6):327-30

An unusual presentation of histiocytosis X. Pareek SS, et al. **Int J Dermatol** 1985 Mar;24(2):126-8

Needle biopsy of the lung with Menghini needle. Shankar V, et al. **J Assoc Physicians India** 1985 Apr;33(4):297-8

Granulomatous reactions induced by lipids extracted from Fonsecaea pedrosoi, Fonsecaea compactum, Cladosporium carrionii and Phialophora verrucosum. Silva CL, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):187-94

Pulmonary necrobiotic nodule [letter] Sarkar TK, et al. **J Rheumatol** 1984 Aug;11(4):557-8

Plasma cell granuloma of the tonsil. Weilbaecher TG, et al. **J Surg Oncol** 1984 Dec;27(4):228-31

Pulmonary hemorrhage in experimental cerebral ischemia in mongolian gerbils. Brain metabolism and lung pathology. Ishitsuka T, et al. **Jpn Heart J** 1984 Nov;25(6):1073-80

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 32-1985. Recurrent pneumothorax, hemoptysis, and multiple lung cysts. **N Engl J Med** 1985 Aug 8;313(6):374-82

Case 7. Pulmonary alveolar septal calcinosis. Landing BH. **Pediatr Pathol** 1984;2(3):363-7

Scanning electron microscopic study of the airways in normal children and in patients with cystic fibrosis and other lung diseases. Simel DL, et al. **Pediatr Pathol** 1984;2(1):47-64

Ultrastructural changes of the pulmonary parenchyma after experimentally induced endotoxic shock in dogs with and without drug protection. Banna P, et al. **Respiration** 1985; 47(3):177-84

Fine needle aspiration of the lung: a study of 53 consecutive cases. Lubin J, et al. **South Med J** 1985 Sep;78(9):1049-52

Wegener's granulomatosis with delayed pulmonary and colonic involvement. Oddis CV, et al. **South Med J** 1984 Dec;77(12):1589-92

Isolated nodular pulmonary amyloidosis: diagnosis by percutaneous needle aspiration biopsy. Scott PP, et al. **South Med J** 1985 Apr;78(4):467-70

Chronic pulmonary sarcoidosis: relationship between lung lavage cell counts, chest radiograph, and results of standard lung function tests. Lin YH, et al. **Thorax** 1985 Jul; 40(7):501-7

Ultrastructural abnormalities of respiratory cilia. Descriptive and quantitative study of respiratory mucosa in a series of 33 patients. Ehouman A, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):87-95

[Case of the progressive pulmonary form of mucoviscidosis in an adult patient] Ianev Ia, et al. **Vutr Boles** 1984; 23(6):79-83 (Eng. Abstr.) **(Bul)**

[Transbronchial lung biopsy using the bronchofibroscope in pulmonary diseases: analysis of 173 cases] Wu HC, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):133-5, 188 (Eng. Abstr.) **(Chi)**

[Pulmonary sarcoidosis. Study of the distribution of active alveolitis assessed by comparison of data from radiological examination, gallium 67 scintigraphy and double bronchoalveolar lavage] Perrin-Fayolle M, et al. **Rev Pneumol Clin** 1985;41(1):31-7 (Eng. Abstr.) **(Fre)**

['Limited' Wegener granulomatosis in a child with primary involvement of the lung] Hornig D, et al. **Pathologe** 1984 May;5(3):134-42 **(Ger)**

[The function of macrophages in sarcoidosis. II. Parameters of the clinical activity of the disease correlated with the cytology of bronchoalveolar lavage] Rubin R, et al. **Prax Klin Pneumol** 1984 Oct;38(10):452-5 (Eng. Abstr.) **(Ger)**

[Necrotizing sarcoid granulomatosis of the lung] Rühl GH, et al. **Prax Klin Pneumol** 1985 Aug;39(8):284-7 (Eng. Abstr.) **(Ger)**

[Broncho-alveolar lavage] Struhar D, et al. **Harefuah** 1984 Dec 2;107(11):321-2 (Eng. Abstr.) **(Heb)**

[Involvement of the lung in Recklinghausen's multiple neurofibromatosis (description of a case)] Girbino G, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):225-32 (Eng. Abstr.) **(Ita)**

[Round opacity of the lung] Palmieri F, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):233-7 **(Ita)**

[Implication of the bronchoscopic examination in sarcoidosis (transbronchial lung biopsy, endoscopic findings and bronchoalveolar lavage)] Maezato K. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):86-97 (Eng. Abstr.) **(Jpn)**

[A histopathologic study of bronchus-associated lymphoid tissue (BALT) in delayed-type hypersensitive reaction of the lung] Hayakawa H, et al. **Kekkaku** 1985 Feb;60(2):65-75 (Eng. Abstr.) **(Jpn)**

[Pulmonary granuloma and alveolitis--common morphology and different histogenesis] Iwai K. **Kekkaku** 1984 Dec; 59(12):633-46 (Eng. Abstr.) **(Jpn)**

[Physiopathology of epithelioid cell granuloma of the lung] Izumi T. **Kekkaku** 1985 Mar;60(3):142-4 **(Jpn)**

[Bronchoalveolar lavage. A new diagnostic method in lung diseases] Gulsvik A, et al. **Tidsskr Nor Laegeforen** 1985 May 30;105(15):1066-9 (Eng. Abstr.) **(Nor)**

[New findings in the cytology of the respiratory organs] Novoselova VP. **Klin Med (Mosk)** 1984 Aug;62(8):15-22 **(Rus)**

[Diabetes insipidus in sarcoidosis of the lungs] Volkova KI. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):6-9 (Eng. Abstr.) **(Rus)**

[Morphological and radionuclide studies of regional blood flow in nonspecific lung diseases] Arifkhanova SI, et al. **Probl Tuberk** 1984 Sep;(9):42-6 (Eng. Abstr.) **(Rus)**

[Transbronchial biopsy in the diagnosis of disseminated and interstitial lung diseases] Dobrev P, et al. **Probl Tuberk** 1984 Dec;(12):23-6 (Eng. Abstr.) **(Rus)**

[Morphological criteria of sarcoidosis] Kazak TI, et al. **Probl Tuberk** 1985;(2):58-62 (Eng. Abstr.) **(Rus)**

[Role of the morphometric method of examining the lungs in expert examination of the cadavers of newborn infants] Gersamiia GK. **Sud Med Ekspert** 1984 Oct-Dec;27(4):14-6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Bronchopulmonary dysplasia and pulmonary insufficiency of prematurity. Lack of correlation of outcome with gas exchange abnormalities at 1 month of age. Truog WE, et al. **Am J Dis Child** 1985 Apr;139(4):351-4

Differential ventilation and selective positive end-expiratory pressure: effects on patients with acute bilateral lung disease. Baehrendtz S, et al. **Anesthesiology** 1984 Nov; 61(5):511-7

Diagnostic considerations in chest wall tenderness [letter] Fred HL. **Arch Intern Med** 1985 Jun;145(6):1140-1

Pulmonary function studies in sarcoidosis. Esposito V, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):91-4

The diseased lung and drugs. Camus P, et al. **Arch Toxicol [Suppl]** 1984;7:66-87

Severe thoracic systemic lupus erythematosus. McDonald CF, et al. **Aust NZ J Med** 1984 Jun;14(3):239-43

Origin and historical development of clinical physiology in pulmonary disease. Cournand A. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):205-14

Is airway mucociliary clearance of clinical relevance? Wanner A. **Bull Eur Physiopathol Respir** 1984 Nov-Dec; 20(6):477-80

Mechanisms of glucocorticoid action in pulmonary disease. Morris HG. **Chest** 1985 Aug;88(2 Suppl):133S-141S (72 ref.)

Right and left ventricular function in sarcoidosis [letter] Movahed A, et al. **Chest** 1984 Nov;86(5):800-1

Gas exchange in chronic pulmonary disease. Wagner PD. **Clin Physiol** 1985;5 Suppl 3:9-17

Correlation of changes in oxygenation, lung water and hemodynamics after oleic acid-induced acute lung injury in dogs. Schuster DP, et al. **Crit Care Med** 1984 Dec; 12(12):1044-8

Effects of dopamine and dobutamine on the distribution of pulmonary blood flow during lobar ventilation hypoxia and lobar collapse in dogs. McFarlane PA, et al. **Eur J Clin Invest** 1985 Apr;15(2):53-9

Ventilation-perfusion patterns in lung diseases (with reference to those observed in pulmonary embolism). Ham HR, et al. **Eur J Nucl Med** 1985;10(3-4):165-6

The effects of body position on oxygenation. Norton LC, et al. **Heart Lung** 1985 Jan;14(1):45-52

Haemoptysis in chest diseases. Pamra SP. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):249-51

How should we measure function in patients with chronic heart and lung disease? Guyatt GH, et al. **J Chronic Dis** 1985;38(6):517-24

The Hermansky-Pudlak syndrome. Report of three cases and review of pathophysiology and management considerations. DePinho RA, et al. **Medicine (Baltimore)** 1985 May;64(3):192-202 (73 ref.)

Lung pathogenesis. V. The stereotype development of bronchial and lobular pathological reactions (a systemic approach). Eskenasy A. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):191-200

Physiology laboratories quantifying gas exchange in health and disease. Olson LE. **Physiologist** 1985 Jun;28(3):170-2

Airway function in stage I and stage II pulmonary sarcoidosis. Argyropoulou PK, et al. **Respiration** 1984; 46(1):17-25

Pulmonary haemodynamics at rest and during exercise in patients with sarcoidosis. Głuskowski J, et al. **Respiration** 1984;46(1):26-32

Maximal ventilation at rest and exercise in patients with chronic pulmonary disease. Mohan-Kumar T, et al. **Respiration** 1984;46(3):291-302

Contribution of circulating formed elements to prostanoid production in complement-mediated lung injury in sheep. Egan TM, et al. **Surgery** 1985 Aug;98(2):350-8

Bronchial reactivity in patients with recent pulmonary sarcoidosis. Olafsson M, et al. **Thorax** 1985 Jan;40(1):51-3

[Evaluation of the sensitivity and specificity of the maximal expiratory flow-volume curves in detecting small-airway lesions] He QY. **Chung Hua Nei Ko Tsa Chih** 1984 Aug; 23(8):500-2, 526 (Eng. Abstr.) **(Chi)**

[Steady-state carbon monoxide transfer during progressive muscular exercise in patients. Relation to PaO2. Value of specific VCO] Bréant J, et al. **Rev Pneumol Clin** 1985; 41(2):121-8 (Eng. Abstr.) **(Fre)**

[The lung and aging] Ulmer WT. **Internist (Berlin)** 1984 Aug; 25(8):456-62 **(Ger)**

[Rhythm of lung function during the period of a week, with and without exposure to respiratory tract irritants] Maintz G, et al. **Z Erkr Atmungsorgane** 1985;164(2):173-7 (Eng. Abstr.) **(Ger)**

[The relationship between preoperative pulmonary blood flow measured by lung perfusion scanning with 99mTc-MAA and values of PaO2 during one-lung anaesthesia] Nomoto Y. **Masui** 1985 Apr;34(4):446-52 (Eng. Abstr.) **(Jpn)**

[Descent gradient of maximal expiratory flow-volume curve and uneven distribution of ventilation] Uzawa T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):355-62 (Eng. Abstr.) **(Jpn)**

[Hemodynamics and blood oxygen transport following operations on patients with chronic nonspecific suppurative lung diseases] Gorovenko GG, et al. **Klin Khir** 1985 May; (5):25-8 (Eng. Abstr.) **(Rus)**

[Molecular and cellular mechanisms of compensation for respiratory failure in nonspecific lung diseases] Landyshev SIu, et al. **Ter Arkh** 1985;57(3):112-5 (Eng. Abstr.) **(Rus)**

[Reproducibility of the flow-volume indices of healthy persons and patients with lung diseases] Logunov OV, et al. **Ter Arkh** 1985;57(3):88-91 (Eng. Abstr.) **(Rus)**

[Echocardiographic characteristics of the right ventricle in patients with chronic nonspecific lung diseases] Zubareva SL, et al. **Ter Arkh** 1984;56(12):69-71 (Eng. Abstr.) **(Rus)**

[Status of the liver in acute suppurative destruction of the lungs] Ostrovskii VK. **Vestn Khir** 1985 Jan;134(1):76–8 **(Rus)**

PREVENTION & CONTROL

Protection against pulmonary oxygen toxicity in rats by the intratracheal administration of liposome-encapsulated superoxide dismutase or catalase. Padmanabhan RV, et al. **Am Rev Respir Dis** 1985 Jul;132(1):164–7

A new elastase inhibitor from Streptococcus pneumoniae protects against acute lung injury induced by neutrophil granules. Vered M, et al. **Am Rev Respir Dis** 1985 Jan;131(1):131–3

Non-tuberculous respiratory disease. **Bull Int Union Tuberc** 1984 Mar–Jun;59(1–2):71–6

Preventing PPC [letter] Celli BR, et al. **Chest** 1985 Sep;88(3):481–2

Prevention of postoperative pulmonary complications with CPAP, incentive spirometry, and conservative therapy. Stock MC, et al. **Chest** 1985 Feb;87(2):151–7

Are postoperative pulmonary complications preventable? [editorial] **Lancet** 1984 Nov 10;2(8411):1079–80

Preventing postoperative pulmonary complications [letter] Petring OU, et al. **Lancet** 1985 Jan 26;1(8422):223

Oxidant lung injury: intervention with sulfhydryl reagents. Patterson CE, et al. **Lung** 1985;163(1):23–32

[New developments in mass roentgen studies] Werner E. **Z Gesamte Inn Med** 1984 Dec 15;39(24):627–9 (Eng. Abstr.) **(Ger)**

[Studies on sustained maximal inspiration (TRIFLO II) to prevent postoperative pulmonary complications] Suzuki A, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):507–12 (Eng. Abstr.) **(Jpn)**

[Role of the Outpatient Clinic for Pulmonary Diseases and Tuberculosis in primary health care] Moskwa Z. **Wiad Lek** 1985 Jan 15;38(2):163–9 **(Pol)**

[Prevention of postoperative lung complications in elderly patients after the surgical treatment of gastric and duodenal peptic ulcer] Chernobrovyĭ NP, et al. **Klin Khir** 1984 Aug;(8):55–7 (Eng. Abstr.) **(Rus)**

[Pulmonary surfactant function and the prevention of pulmonary complications in acute surgical pathology complicated by peritonitis] Deĭbuk GD, et al. **Klin Khir** 1985 Jan;(1):14–6 (Eng. Abstr.) **(Rus)**

[Efficacy of aerosol therapy in the prevention and treatment of bronchopulmonary complications following pulmonary resection] Protsiuk RG. **Klin Khir** 1984 Oct;(10):44–6 (Eng. Abstr.) **(Rus)**

[Improved methods of preventing tuberculosis and nonspecific lung diseases] Lomako MN, et al. **Probl Tuberk** 1985;(2):3–7 (Eng. Abstr.) **(Rus)**

[Optimization of functional respiration studies during mass clinical examination of the population] Klement RF, et al. **Sov Med** 1984;(11):63–7 **(Rus)**

RADIOGRAPHY

Angiography in chest diseases. I. Method of angiographic studies. Polák J. **Acta Univ Carol [Med] (Praha)** 1984;30(3–4):127–59

Angiography in chest diseases. III. Chronic bronchial diseases, inflammatory, granulomatous, and fibrosing lung diseases. Polák J. **Acta Univ Carol [Med] (Praha)** 1984;30(3–4):187–216

Angiography in chest diseases. IV. Congenital and acquired diseases of pulmonary vessels, lung cysts, aspergilloma, and haemoptysis. Polák J. **Acta Univ Carol [Med] (Praha)** 1984;30(3–4):217–45

A newly recognized profile in neonatal lung disease with maternal diabetes. Duara S, et al. **AJR** 1985 Mar;144(3):529–33

Pulmonary manifestations of juvenile laryngotracheal papillomatosis. Kramer SS, et al. **AJR** 1985 Apr;144(4):687–94

Localized pulmonary lymphangiectasia. Li YW, et al. **AJR** 1985 Aug;145(2):269–70

Fleischner lecture. Biokinetic impacts on structure and imaging of the lung: the concept of biologically closed electric circuits. Nordenström BE. **AJR** 1985 Sep;145(3):447–67

Uncomplicated torsion of the right upper lobe secondary to spontaneous pneumothorax. Berkmen YM. **Chest** 1985 May;87(5):695–7

Peripheral pulmonary infiltrates in sarcoidosis. Glazer HS, et al. **Chest** 1984 Nov;86(5):741–4

Subcutaneous calcifications masquerading as pulmonary lesions in long-term hemodialysis. Review of nodular pulmonary opacities in the population undergoing hemodialysis. Jolles H, et al. **Chest** 1985 Aug;88(2):234–8

Value of routine daily chest x-rays in the medical intensive care unit. Strain DS, et al. **Crit Care Med** 1985 Jul;13(7):534–6

Pulmonary hyalinizing granulomas. Macedo EV, et al. **J Can Assoc Radiol** 1985 Mar;36(1):66–7

Postmortem radiographic, histological and bacteriological studies of terminal respiratory infections and other pulmonary lesions in hospital and non-hospital necropsies. Pääkkö P, et al. **J Clin Pathol** 1984 Nov;37(11):1282–8

Multiple pulmonary nodules detected by computed tomography: diagnostic implications. Gross BH, et al. **J Comput Assist Tomogr** 1985 Sep–Oct;9(5):880–5

Idiopathic pulmonary hemosiderosis: the importance of a chest radiograph in children with unexplained anemia. Kuhn MJ. **Mt Sinai J Med (NY)** 1985 May;52(5):358–62

Transient idiopathic subpleural cysts in the newborn: an observation in two patients. Saez F, et al. **Pediatr Radiol** 1985;15(4):249–50

Diffuse pulmonary hemorrhage: a review and classification. Albelda SM, et al. **Radiology** 1985 Feb;154(2):289–97 (70 ref.)

Chest radiography: a survey of techniques and exposure levels currently used. Butler PF, et al. **Radiology** 1985 Aug;156(2):533–6

Idiopathic pulmonary ossification. Felson B, et al. **Radiology** 1984 Nov;153(2):303–10

Diffuse peripheral lung disease: evaluation by high-resolution computed tomography. Nakata H, et al. **Radiology** 1985 Oct;157(1):181–5

Chest fluoroscopy: an underused technique for evaluating apparent pulmonary opacities. Eisenberg RL, et al. **South Med J** 1984 Nov;77(11):1446–8

[Evaluation of the diagnostic capability of a counter table for solitary round shadows in the lung field] Guo SL. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):124–7 (Eng. Abstr.) **(Chi)**

[Pulmonary changes in leukemia and their complications] Kreuzberg B. **Cesk Radiol** 1984 Sep;38(5):334–42 (Eng. Abstr.) **(Cze)**

[Radiological case of the month. Cervical pulmonary hernia] Leroy O, et al. **Arch Fr Pediatr** 1984 Oct;41(8):567–8 **(Fre)**

[Results of roentgenologic thorax diagnosis on the 1st day of life of newborn infants in an intensive care unit] Wiersbitzky H, et al. **Kinderarztl Prax** 1985 Feb;53(2):67–71 (Eng. Abstr.) **(Ger)**

[Idiopathic lung hemosiderosis in a 3-year-old child following ductus ligation in the neonatal period] Mutz I, et al. **Klin Padiatr** 1985 Mar–Apr;197(2):130–4 (Eng. Abstr.) **(Ger)**

[Value of thoracic fluoroscopy] Stender HS. **Prax Klin Pneumol** 1984 Oct;38(10):427–8 **(Ger)**

[Comment on the paper: 'A simplified classification algorithm for overall chest views of surgical lung patients' by R. Herlbauer] Herlbauer R, et al. **Radiol Diagn (Berl)** 1985;26(2):297–8 **(Ger)**

[Roentgenomorphological aspects of pulmonary histiocytosis X] Noss W, et al. **Radiol Diagn (Berl)** 1985;26(1):11–7 (Eng. Abstr.) **(Ger)**

[Plasma cell granuloma of the lung] Leipner N, et al. **ROFO** 1985 Mar;142(3):270–4 (Eng. Abstr.) **(Ger)**

[Computed tomographic observation of a case of microlithiasis alveolaris pulmonum] Schulte GA, et al. **ROFO** 1985 Jul;143(1):102–3 **(Ger)**

[Changes in the lung in Bourneville-Pringle disease––a contribution to the roentgenologic differential diagnosis of interstitial lung processes] Holland B, et al. **Rontgenblatter** 1985 Mar;38(3):87–92 (Eng. Abstr.) **(Ger)**

[Value of computer tomography in bronchopulmonary diseases in childhood] Sollich V, et al. **Z Erkr Atmungsorgane** 1985;164(1):88–93 (Eng. Abstr.) **(Ger)**

[Experimental and clinical studies on intravenous digital subtraction angiography. Application for thoracic and abdominal diseases] Tamura S. **Fukuoka Igaku Zasshi** 1984 Dec;75(12):661–82 (Eng. Abstr.) **(Jpn)**

[Metastatic pulmonary calcification––chest roentgenographic manifestations in 11 cases associated with hematologic disorder] Nagasaki M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25;44(12):1494–500 (Eng. Abstr.) **(Jpn)**

[A simple calculation for the determination of organ or tissue doses from medical X-ray diagnosis for stomach and chest] Nishizawa K. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25;44(10):1279–93 (Eng. Abstr.) **(Jpn)**

[A case of bronchogenic carcinoma developing in a giant bulla] Ishikawa K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):719–23 (Eng. Abstr.) **(Jpn)**

[Alveolar microlithiasis––a case report] Mizoguchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):385–5 (Eng. Abstr.) **(Jpn)**

[A case of sarcoidosis with multiple pulmonary cavities] Okada M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):910–4 (Eng. Abstr.) **(Jpn)**

[Non-traumatic chest disease] Mizuno T, et al. **Rinsho Hoshasen** 1984 Jun;29(6):695–704 (Eng. Abstr.) **(Jpn)**

[A case of primary amyloidosis of the lung] Yasuda Y, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1111–4 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary sarcoidosis with atypical radiological picture] Mierzejewska A, et al. **Pneumonol Pol** 1984 May;52(5):251–6 (Eng. Abstr.) **(Pol)**

[Radiography of the lungs––always or sometimes?] Wójtowicz J. **Pol Przegl Radiol (Warszawa)** 1984 Jan–Feb;48(1):37–45 (59 ref.) **(Pol)**

[Radiological aspects of hilar adenopathy] Barcan F. **Rev Ig [Pneumoftiziol]** 1984 Apr–Jun;33(2):97–112 **(Rum)**

[Role of antituberculosis institutions in the detection of patients with nonspecific bronchopulmonary diseases and ambulatory follow-up] Bogomazova AV. **Probl Tuberk** 1984 Jul;(7):3–5 (Eng. Abstr.) **(Rus)**

[Computerized tomography in the diagnosis of spherical formations in the lungs] Romanychev IuA, et al. **Probl Tuberk** 1985;(1):29–32 (Eng. Abstr.) **(Rus)**

[Roentgenography of lung preparations in lung diseases] Khidirbeĭli KhA, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):37–41 (Eng. Abstr.) **(Rus)**

[2 cases of intrapulmonary hematomas imitating pulmonary tuberculomas] Murzenko DI, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):87–8 **(Rus)**

[Complex roentgenofluorographic examination of the thoracic organs in conducting outpatient screening] Portnoĭ LM, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):8–16 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

An in vitro gallium-67 lung index for the evaluation of sarcoidosis. Braude AC, et al. **Am Rev Respir Dis** 1984 Nov;130(5):783–5

99Tcm-'pseudogas'. An ultrafine monodisperse aerosol for diagnostic studies in the lung. Burch WM, et al. **Australas Phys Eng Sci Med** 1984 Oct–Dec;7(4):146–9

A mechanical valve assembly for Xenon 133 gas delivery systems. Round WH. **Australas Phys Eng Sci Med** 1984 Oct–Dec;7(4):175–6

Diffuse pulmonary ossification detected by bone scanning with Tc-99m hydroxymethylene diphosphate. Saks DA, et al. **Clin Nucl Med** 1984 Oct;9(10):594–5

Idiopathic pulmonary ossification with focal pulmonary uptake of technetium-99m HMDP bone scanning agent. Silberstein EB, et al. **Clin Nucl Med** 1985 Jun;10(6):436

Lymphoscintigraphy. Pulmonary lymphangiectasia. Sty JR, et al. **Clin Nucl Med** 1984 Dec;9(12):716

Extraosseous accumulation of 99mTc-MDP in a benign intrapulmonary calcified focus. Garty I, et al. **Eur J Nucl Med** 1985;10(11–12):566–7

Computer-assisted sequential quantitative analysis of gallium scans in pulmonary sarcoidosis. Rohatgi PK, et al. **Eur J Respir Dis** 1985 Apr;66(4):248–55

Cytomegalovirus infection with perfusion defects on the lung scan. Boers M, et al. **Infection** 1984 Jul–Aug;12(4):265–7

Ga-67 scanning in the evaluation of the disease activity of T-cell alveolitis in sarcoidosis. Ichikawa Y, et al. **Kurume Med J** 1984;31(1):7–13

Ventilation and perfusion lung scans, Sioux Valley Hospital––1981. Boade WA, et al. **SD J Med** 1984 Dec;37(12):25–7

Estimation of alveolar deposition ratio of inhaled radioaerosol. Isawa T, et al. **Tohoku J Exp Med** 1985 Mar;145(3):259–67

[Nuclear medicine and x-ray findings in Osler's disease of the lung] Uhlenbrock D, et al. **Nuklearmedizin** 1985 Feb;24(1):52–4 (Eng. Abstr.) **(Ger)**

[Evaluation of SPECT imaging capability in various lung diseases] Shintaku T. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25;45(4):606–21 (Eng. Abstr.) **(Jpn)**

[The role of radionuclide methods in the evaluation of the respiratory tract clearance function in lung pathology] Kramer EF. **Med Radiol (Mosk)** 1985 Jul;30(7):66–71 (60 ref.) **(Rus)**

[Radiopneumography in the diagnosis and treatment of chronic nonspecific lung diseases] Sabirov R. **Med Radiol (Mosk)** 1985 Aug;30(8):78–84 (33 ref.) **(Rus)**

REHABILITATION

[Rehabilitation goals in chronic bronchopulmonary diseases] Kliachkin LM, et al. **Ter Arkh** 1985;57(3):34–6 **(Rus)**

[Prevention and rehabilitation of patients with cardio-pulmonary insufficiency] Berezhnitskiĭ MN. **Vrach Delo** 1985 Jan;(1):74–8 **(Rus)**

SURGERY

Thoracic surgical problems in asbestos-related disorders. Gaensler EA, et al. **Ann Thorac Surg** 1985 Jul;40(1):82–96

Neodymium:YAG laser therapy for malignant and benign endobronchial obstructions. Unger M. **Clin Chest Med** 1985 Jun;6(2):277–90

Radionuclide demonstration of improvement of spatial distribution of pulmonary function after removal of bullous lesion. Polga JP, et al. **Clin Nucl Med** 1984 Dec;9(12):725–6

Treatment of cryptococcal meningitis with pulmonary granuloma. Inoue N, et al. **J Neurol** 1984;231(3):109–11

Effect of decortication in fibrothorax on pulmonary function. Nieminen MM, et al. **Respiration** 1985;48(1):94–6

Surgical aspects of systemic necrotizing vasculitis. McCauley RL, et al. **Surgery** 1985 Jan;97(1):104–10

[Late treatment results with thoracocentesis and aspiration drainage in the pleural complications of acute suppurative lung diseases in childhood] Mikhaĭlova V, et al. **Khirurgiia (Sofiia)** 1984;37(4):245–50 (Eng. Abstr.) **(Bul)**

[Pathophysiology and clinical aspects of single lung ventilation] Scherer R, et al. **Anasth Intensivther Notfallmed** 1984 Aug;19(4):168–74 (Eng. Abstr.) **(Ger)**

[Use of mechanical staplers in thoracic surgery. Indications, technic, results] Bieselt R, et al. **Chirurg** 1985 Apr;56(4):232–7 **(Ger)**

[Surgical staplers in surgery of the lung] Maassen W, et al. **Chirurg** 1985 Apr;56(4):227–31 **(Ger)**

[Stapler suture or single button suture? A controlled clinical study on the comparison of both skin closure methods] Priesack W, et al. **Chirurg** 1985 Mar;56(3):151–5 (Eng. Abstr.) **(Ger)**

[Stress tolerance in general thoracic surgery] Vogt-Moykopf I, et al. **Langenbecks Arch Chir** 1984;364:181-5 (Eng. Abstr.) (Ger)

[Transference of cefmenoxime from serum to lung tissue] Nagae N, et al. **Jpn J Antibiot** 1985 Jan;38(1):41-4 (Eng. Abstr.) (Jpn)

[One-stage bilateral thoracotomy--experience of 5 cases] Shirakusa T, et al. **Kyobu Geka** 1984 Oct;37(11):838-45 (Eng. Abstr.) (Jpn)

[Humoral regulation of intrapulmonary shunting during anesthesia in lung surgery] Gimmel'farb GN, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):12-6 (Eng. Abstr.) (Rus)

[Problem of surgery of the lungs and pleura in children discussed in the journal 'Grudnaia Khirurgiia'] Biriukov VV, et al. **Grudn Khir** 1985 Jan-Feb;(1):30-4 (Rus)

[Operative thoracoscopy] Chervinskii AA, et al. **Grudn Khir** 1984 Nov-Dec;(6):36-9 (Eng. Abstr.) (Rus)

[Atypical lung resection] Nedvetskii AV. **Grudn Khir** 1984 Nov-Dec;(6):75-9 (55 ref.) (Rus)

[Repeated radical operations after surgical interventions in diseases of the lungs and pleura] Kabanov AN, et al. **Vestn Khir** 1984 Nov;133(11):19-22 (Eng. Abstr.) (Rus)

[Prevention of wound infection after pulmonary resection of acute suppurative disease] Kostiuchenko AL, et al. **Vestn Khir** 1985 Jan;134(1):23-7 (Eng. Abstr.) (Rus)

[Expansion of the lung after partial resection for gangrene] Kostiuchenko AL, et al. **Vestn Khir** 1984 Oct;133(10):22-6 (Eng. Abstr.) (Rus)

[Effectiveness of various methods of electroanesthesia] Mosonov EP, et al. **Voen Med Zh** 1984 Dec;(12):51-2 (Rus)

THERAPY

Effect of selective PEEP on pulmonary blood flow following unilateral hydrochloric acid aspiration in the dog. Takasaki M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):400-4

The effects of systemic immunization of pulmonary clearance of Pseudomonas aeruginosa. Dunn MM, et al. **Am Rev Respir Dis** 1985 Mar;131(3):426-31

Low-concentration oxygen therapy via a demand oxygen delivery system. Tiep BL, et al. **Chest** 1985 May;87(5):636-8

Postoperative chest percussion with postural drainage in obese patients following gastric stapling. Torrington KG, et al. **Chest** 1984 Dec;86(6):891-5

Effect of high-frequency ventilation on histamine-induced lung injury in dogs. Weinmann GG, et al. **Crit Care Med** 1985 Jul;13(7):571-5

Malignant esophagopulmonary fistula treated by fiberoptic intubation of a prosthesis. Valbuena J. **Gastrointest Endosc** 1985 Aug;31(4):281-3

Differential lung ventilation. Butterfield MA, et al. **J Kans Med Soc** 1984 Nov;85(11):296-7

High frequency ventilation. Sykes MK. **Thorax** 1985 Mar;40(3):161-5

Anastomotic leak and recurrent fistula following operation of oesophageal atresia. Sigge W, et al. **Z Kinderchir** 1985 Apr;40(2):71-4

[Resuscitation of children in a toxico-septic state with pulmonary complications and surgical pathology] Bolcheva A, et al. **Khirurgiia (Sofiia)** 1984;37(6):447-54 (Eng. Abstr.) (Bul)

[The hyperleukocytic lung. Treatment by subtraction cytopheresis (letter)] Mahul P, et al. **Presse Med** 1984 Oct 6;13(35):2154 (Fre)

[Pleural talc administration under thoracoscopy in the treatment of pneumothorax. Study of a series of 109 cases treated over a 3-year period] Guérin JC, et al. **Rev Mal Respir** 1985;2(1):25-9 (Eng. Abstr.) (Fre)

[General anesthesia, prevention and intensive therapy of early complications of lung surgery in patients over 70] Lebedeva RN, et al. **Anesteziol Reanimatol** 1985 Jan-Feb;(1):16-8 (Eng. Abstr.) (Rus)

[Experience with bacteriophage therapy in nonspecific suppurative lung diseases] Timoshchuk II, et al. **Grudn Khir** 1985 Mar-Apr;(2):11-3 (Eng. Abstr.) (Rus)

[Hemosorption in the treatment of patients with immune complex lesions of the lungs] Chuchalin AG, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):38-41 (Eng. Abstr.) (Rus)

[Activities of the Sverdlovsk pulmonological center] Shulutko ML, et al. **Probl Tuberk** 1985;(1):19-24 (Eng. Abstr.) (Rus)

[Changes in physico-chemical properties of immune complexes during hemosorption] Struchkov PV, et al. **Sov Med** 1985;(1):35-9 (Eng. Abstr.) (Rus)

[Dispensary care and the organization of polyclinic treatment for patients with nonspecific lung diseases] Chuchalin AG, et al. **Ter Arkh** 1985;57(1):10-2 (Rus)

[Problems of deontology and psychotherapy in pulmonology] Ubaidullaev AM, et al. **Ter Arkh** 1985;57(3):108-10 (Eng. Abstr.) (Rus)

VETERINARY

Mononuclear-cell pulmonary vasculitis in NZB/W mice. I. Histopathologic evaluation of spontaneously occurring pulmonary infiltrates. Staszak C, et al. **Am J Pathol** 1985 Jul;120(1):99-105

An aspirin-prednisolone combination to modify postadulticide lung disease in heartworm-infected dogs. Rawlings CA, et al. **Am J Vet Res** 1984 Nov;45(11):2371-5

Effects of furosemide on the racing times of horses with exercise-induced pulmonary hemorrhage. Soma LR, et al. **Am J Vet Res** 1985 Apr;46(4):763-8

Lung lesions in horses fed mist flower (Eupatorium riparium). Gibson JA, et al. **Aust Vet J** 1984 Aug;61(8):271

New perspectives in cardiopulmonary therapeutics: receptor-selective adrenergic drugs. Adams HR. **J Am Vet Med Assoc** 1984 Nov 1;185(9):966-74 (45 ref.)

Investigations into the possible role of Mycoplasma arginini in ovine respiratory disease. Jones GE, et al. **Res Vet Sci** 1985 May;38(3):368-72

Newer knowledge of feline bronchopulmonary disease. Pechman RD Jr. **Vet Clin North Am [Small Anim Pract]** 1984 Sep;14(5):1007-19 (15 ref.)

Effect of bedding on the incidence of exercise induced pulmonary haemorrhage in racehorses in Hong Kong. Mason DK, et al. **Vet Rec** 1984 Sep 15;115(11):268-9

[An overview of environment-related lung diseases in domestic animals] Stünzi H, et al. **Ther Umsch** 1985 May;42(5):138-48 (Eng. Abstr.) (Ger)

LUNG DISEASES, FUNGAL

Pulmonary actinomyces in a child. Masters B, et al. **Aust Paediatr J** 1985 May;21(2):129-30

The many faces of pulmonary aspergillosis. Tenholder MF. **Primary Care** 1985 Jun;12(2):353-68

Clinical spectrum of pulmonary aspergillosis. Rohatgi PK, et al. **South Med J** 1984 Oct;77(10):1291-301 (49 ref.)

[Fungal pneumonia] Wegmann T. **Internist (Berlin)** 1985 Jun;26(6):328-34 (Ger)

COMPLICATIONS

Solitary pulmonary nodule due to Cryptococcus neoformans and Mycobacterium tuberculosis. Kahn FW, et al. **Am J Med** 1985 Apr;78(4):677-81

Epidural abscess, vertebral destruction, and paraplegia caused by extending infection from an aspergilloma. Wagner DK, et al. **Am J Med** 1985 Mar;78(3):518-22

Nosocomial pulmonary mucormycosis with fatal massive hemoptysis. Passamonte PM, et al. **Am J Med Sci** 1985 Feb;289(2):65-7

Pulmonary cavitation and massive hemoptysis in invasive pulmonary aspergillosis. Influence of bone marrow recovery in patients with acute leukemia. Albelda SM, et al. **Am Rev Respir Dis** 1985 Jan;131(1):115-20

Acute respiratory failure caused by primary pulmonary coccidioidomycosis. Two case reports and a review of the literature. Larsen RA, et al. **Am Rev Respir Dis** 1985 May;131(5):797-9

Aspergillomas complicating sarcoidosis. A prospective study in 100 patients. Wollschlager C, et al. **Chest** 1984 Oct;86(4):585-8

Invasive pulmonary aspergillosis complicating pulmonary infarction in a patient with acute myeloblastic leukaemia. Daly HM, et al. **Clin Lab Haematol** 1984;6(3):299-303

Fulminant pulmonary coccidioidomycosis in association with Coxsackie B4 infection. Gururaj VJ, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):406-8

Bronchoesophageal fistula caused by pulmonary aspergillosis. Mineur P, et al. **Eur J Respir Dis** 1985 May;66(5):360-6

Infection with Cryptococcus neoformans var. gattii leading to a pulmonary cryptococcoma and meningitis. Lehmann PF, et al. **J Infect** 1984 Nov;9(3):301-6

Bronchopulmonary sequestration associated with aspergilloma, with special reference to the finding of radionuclide venoangiography. Hwang JJ, et al. **Jpn J Med** 1985 May;24(2):164-8

Survival in adult respiratory distress syndrome caused by blastomycosis infection. Skillrud DM, et al. **Mayo Clin Proc** 1985 Apr;60(4):266-9

Mediastinal zygomycosis. Marwaha RK, et al. **Postgrad Med J** 1985 Aug;61(718):733-5

Bronchopulmonary candidiasis exacerbating asthma. Case report and review of the literature. Wengrower D, et al. **Respiration** 1985;47(3):209-13

Management of pulmonary aspergilloma in the presence of active tuberculosis. Adeyemo AO, et al. **Thorax** 1984 Nov;39(11):862-7

[Invasive pulmonary aspergillosis--a diagnostic and therapeutic problem in patients with severe aplastic anemia] Osterwalder B, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):378-80 (Eng. Abstr.) (Ger)

[An autopsy case of acute lymphoblastic leukemia with disseminated phycomycosis and aspergillosis] Hosokawa T, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1326-31 (Eng. Abstr.) (Jpn)

[Pulmonary oxalosis caused by Aspergillus niger (letter)] Molina Boix M, et al. **Med Clin (Barc)** 1985 May 18;84(19):796 (Spa)

[Progressive chronic pulmonary coccidioidomycosis in a patient with diabetes mellitus type II] Forsbach Sánchez G, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):49-51 (Eng. Abstr.) (Spa)

DIAGNOSIS

Diagnosis of unsuspected pulmonary cryptococcosis with sputum cytology. Gupta RK. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):154-6

Discriminant scorecard for diagnosis of invasive pulmonary aspergillosis in patients with acute leukemia. Gerson SL, et al. **Am J Med** 1985 Jul;79(1):57-64

Serologic diagnosis of focal pneumonia caused by Cryptococcus neoformans. Jensen WA, et al. **Am Rev Respir Dis** 1985 Jul;132(1):189-91

Medical grand rounds: aspergillus pulmonary disease. VonFeldt JM. **Del Med J** 1984 Sep;56(9):511-7

Infections due to Cryptococcus neoformans. Winslow DL. **Del Med J** 1985 Mar;57(3):173-5

A case of coccidioidomycosis diagnosed by exoantigen testing. Huber TW, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):445-50

Angioinvasive pulmonary aspergillosis: presentation as massive pulmonary saddle embolism in an immunocompromised patient. Kirshenbaum JM, et al. **J Am Coll Cardiol** 1985 Aug;6(2):486-9

Invasive pulmonary aspergillosis in adult acute leukemia: clinical clues to its diagnosis. Gerson SL, et al. **J Clin Oncol** 1985 Aug;3(8):1109-16

Diagnosis of pulmonary infection caused by Aspergillus: usefulness of respiratory cultures. Treger TR, et al. **J Infect Dis** 1985 Sep;152(3):572-6

Necrotizing pulmonary aspergillosis with oxalosis. Kauffman CA, et al. **Mykosen** 1984 Nov;27(11):535-8

Imported penicilliosis marneffei in the United States: report of a second human infection. Pautler KB, et al. **Sabouraudia** 1984;22(5):433-8

[Pulmonary mucormycosis. Apropos of a case with serologic confirmation] Vincent M, et al. **Rev Mal Respir** 1984;1(4):241-4 (Eng. Abstr.) (Fre)

[Aspergilloma of the lung. A review] Brändli O. **Ergeb Inn Med Kinderheilkd** 1984;53:1-36 (133 ref.) (Ger)

[Histoplasmosis of the lung] Fasske E. **Prax Klin Pneumol** 1984 Oct;38(10):429-33 (Ger)

[Immunodiagnosis of Aspergillus-induced bronchopulmonary diseases] Baur X, et al. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):757-63 (Eng. Abstr.) (Ger)

[Fungal pneumonia in hematologic disorders--with special reference to diagnosis of aspergillus pneumonia] Ishizaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):86-97 (Eng. Abstr.) (Jpn)

[Case of disseminated mycotic lesions of the lungs] Abdurashitova MV, et al. **Probl Tuberk** 1984 Nov;(11):66-7 (Rus)

[Primary pulmonary cryptococcosis] Aguado Garcia JM, et al. **Rev Clin Esp** 1985 Jun;177(1):35-7 (Eng. Abstr.) (Spa)

DRUG THERAPY

An additional case of pulmonary Pseudallescheria boydii improved with ketoconazole therapy [letter] Pluss JL, et al. **Chest** 1985 Jun;87(6):843

Fulminating pulmonary cryptococcosis responsive to sulfadiazine. Massey DG, et al. **Hawaii Med J** 1985 Jun;44(6):216-7

Chronic murine paracoccidioidomycosis: effect of ketoconazole on clearance of Paracoccidioides brasiliensis and immune response. Hoyos GL, et al. **Sabouraudia** 1984;22(5):419-26

Successful medical treatment of pulmonary petriellidiosis. Seale JP, et al. **South Med J** 1985 Apr;78(4):473-6

Acute rejection and massive cyclosporine requirements in heart transplant recipients treated with rifampin. Modry DL, et al. **Transplantation** 1985 Mar;39(3):313-4

[Diagnosis and treatment of infectious pulmonary disease] Huang XZ. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):531-3 (Chi)

[Clinical analysis of 64 cases of pulmonary fungal infections] Yang Y, et al. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):534-6 (Eng. Abstr.) (Chi)

ETIOLOGY

Pulmonary candidiasis in a heroin addict: some remarks on its aetiology and pathogenesis. Lazzarin A, et al. **Br J Addict** 1985 Mar;80(1):103-4

Ten-year experience with mycetomas in patients with pulmonary tuberculosis. Butz RO, et al. **Chest** 1985 Mar;87(3):356-8

Invasive pulmonary aspergillosis complicating influenza A pneumonia in a previously healthy patient. Lewis M, et al. **Chest** 1985 May;87(5):691-3

Nosocomial fungal infection during hospital renovation. Krasinski K, et al. **Infect Control** 1985 Jul;6(7):278-82

Histoplasmosis duboisii. Notes and comments on two African cases observed in Nantes. Marjolet M, et al. **Mykosen** 1984 Nov;27(11):547-51

The changing pathogenesis of aspergilloma or 'fungus ball' Bardana EJ Jr. **NY State J Med** 1984 Sep;84(9):436-7

Mycetoma in post-radiation pulmonary cavities. Cancroft E, et al. **NY State J Med** 1984 Sep;84(9):458-60

Aspergillosis infection following radiotherapy. Carbone PP, et al. **NY State J Med** 1984 Sep;84(9):434-5

New pulmonary infiltrates in granulocytopenic cancer patients being treated with antibiotics. Commers JR, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):423-8

Pulmonary aspergillosis complicating bronchogenic carcinoma--a report of 2 cases. Tsai GL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):862-8

[Chronic myelomonocytic leukemia with aspergillosis and mucormycosis—a case report] Terada H, et al. **Nippon Rinsho** 1984 Apr;42(4):921-30 **(Jpn)**

[Three cases of acute leukemia with the development of fungus balls in the lung during remission induction therapy] Shirota T, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1462-5 (Eng. Abstr.) **(Jpn)**

[Pulmonary aspergillosis in lymphoproliferative disease] Zaleska J, et al. **Pneumonol Pol** 1984 May;52(5):257-63 (Eng. Abstr.) **(Pol)**

[Pulmonary mycoses due to occupational exposure] Mušič E, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):232-6 (Eng. Abstr.) **(Ser)**

IMMUNOLOGY

Allergic bronchopulmonary curvulariosis. Halwig JM, et al. **Am Rev Respir Dis** 1985 Jul;132(1):186-8

Detection of class-specific antibodies against Aspergillus fumigatus antigens in various pulmonary diseases. Huizinga M, et al. **Ann Inst Pasteur Immunol** 1985 May-Jun; 136C(3):343-52

Pulmonary aspergillosis: immunological syndromes. Sharma OP. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):153-60

Analysis of antibodies to Aspergillus fumigatus antigens by class-specific enzyme-linked immunosorbent assay in patients with pulmonary aspergillosis. Kostiala AI, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):37-49

Rapid immunoelectrophoretic assay for detection of serum antibodies to Aspergillus fumigatus catalase in patients with pulmonary aspergillosis. Schønheyder H, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):299-303

In vivo bronchoalveolar macrophage defense against Rhizopus oryzae and Aspergillus fumigatus. Waldorf AR, et al. **J Infect Dis** 1984 Nov;150(5):752-60

[Enzyme-linked immunosorbent assay of serum IgG antibodies to Aspergillus fumigatus antigen using mouse monoclonal antibody to human IgG] Kobayashi M. **Arerugi** 1985 Mar;34(3):162-72 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Zygomycosis. Report of four cases with formation of chlamydoconidia in tissue. Chandler FW, et al. **Am J Clin Pathol** 1985 Jul;84(1):99-103

Sexual and asexual reproduction of Aspergillus nidulans in vivo. Kuttin ES, et al. **Mykosen** 1985 Mar;28(3):109-16

[Rapid diagnosis of pulmonary cryptococcosis by cytological examination of the bronchoalveolar lavage fluid] Fouret P, et al. **Arch Anat Cytol Pathol** 1985;33(2):90-2 (Eng. Abstr.) **(Fre)**

OCCURRENCE

A volumetric-aerobiologic study of seasonal fungus prevalence inside and outside dwellings of asthmatic patients living in northeast Netherlands. Beaumont F, et al. **Ann Allergy** 1984 Dec;53(6):486-92

Epidemic of pulmonary blastomycosis (Namekagon fever) in Wisconsin canoeists. Cockerill FR 3d, et al. **Chest** 1984 Nov;86(5):688-92

Pulmonary infections in renal transplant recipients. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):691-6

The epidemiology and ecology of blastomycosis, coccidioidomycosis and histoplasmosis. Howard DH. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Jul; 257(2):219-27 (16 ref.)

[1st cases of adiaspiromycosis observed in small mammals in Turkey. 3 new host species] Boisseau-Lebreuil MT, et al. **Bull Soc Pathol Exot Filiales** 1985;78(1):31-6 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Fine needle aspiration cytology of granulomatous cryptococcosis of the lung. Silverman JF, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):157-61

Primary pulmonary sporotrichosis. Report of eight cases with clinicopathologic review. England DM, et al. **Am J Surg Pathol** 1985 Mar;9(3):193-204

Histoplasma panniculitis. Abildgaard WH Jr, et al. **Arch Dermatol** 1985 Jul;121(7):914-6

Disseminated Curvularia infection. de la Monte SM, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):872-4

Pulmonary cryptococcosis. McDonnell JM, et al. **Hum Pathol** 1985 Feb;16(2):121-8

Disseminated histoplasmosis and pulmonary cavitation in an infant with alpha-1-antitrypsin deficiency. Borowitz SM, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):178-80

Bronchoalveolar lavage findings in pulmonary paracoccidioidomycosis. Boscardin RN, et al. **Sabouraudia** 1985 Apr;23(2):143-6

Thirty year old caucasian waitress with persistent upper lobe infiltrate of two months duration [clinical conference] Mogen MP, et al. **SD J Med** 1985 Apr;38(4):13-8

Opportunistic Scopulariopsis pneumonia in an immunocompromised host. Wheat LJ, et al. **South Med J** 1984 Dec;77(12):1608-9

[A clinicopathologic study of pulmonary fungal infections—report of 70 autopsy cases] Zhang CL. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):146-8, 191 (Eng. Abstr.) **(Chi)**

[Cryptococcosis and torulopsidosis of the skin and lung and epidermodysplasia verruciformis in AIDS (acquired immune deficiency syndrome)] Grimm I. **Hautarzt** 1984 Dec;35(12):653-5 (Eng. Abstr.) **(Ger)**

[Interstitial pneumonia caused by molds from a cold storage house for fruit] Kroidl RF, et al. **Prax Klin Pneumol** 1984 Oct;38(10):434-7 (Eng. Abstr.) **(Ger)**

[Pulmonary aspergilloma. Case report] Gagliano A, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1731-4 (Eng. Abstr.) **(Ita)**

[Sepsis due to Candida albicans. (Case report of a recovered patient with diffuse changes in the lung parenchyma)] Barić D, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):213-7 (Eng. Abstr.) **(Ser)**

[Pulmonary aspergillosis. Presentation of a clinical case] Belío-Castillo C, et al. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):398-400 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Thoracic aspergillosis (Part III). Invasive pulmonary and disseminated aspergillosis. Mehta AC, et al. **Cleve Clin Q** 1984 Winter;51(4):655-65

PREVENTION & CONTROL

Amphotericin B nasal spray as prophylaxis against aspergillosis in patients with neutropenia [letter] Meunier-Carpentier F, et al. **N Engl J Med** 1984 Oct 18; 311(16):1056

RADIOGRAPHY

Radiographic findings of pulmonary coccidioidomycosis in neonates and infants. Child DD, et al. **AJR** 1985 Aug; 145(2):261-3

The spectrum and significance of pleural disease in blastomycosis. Kinasewitz GT, et al. **Chest** 1984 Oct; 86(4):580-4

Isolated pulmonary cryptococcosis in a young adolescent. Cohen I. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):416-8

Pulmonary air meniscus sign. Tuncel E. **Respiration** 1984; 46(1):139-44

[Radiological aspects of invasive pulmonary aspergillosis] Castagnone D, et al. **Radiol Med (Torino)** 1984 Jan-Feb; 70(1-2):1-6 (Eng. Abstr.) **(Ita)**

[2 cases of cryptococcosis] Salvini E, et al. **Radiol Med (Torino)** 1985 Jan-Feb;71(1-2):69-73 **(Ita)**

[Roentgenographic manifestations of opportunistic pulmonary aspergillosis. Investigation by inflated fixed lung specimen] Nagasaki M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1513-9 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary actinomycosis] Matsunaga N, et al. **Rinsho Hoshasen** 1985 Apr;30(4):501-4 (Eng. Abstr.) **(Jpn)**

[Roentgenological diagnosis of fungal alveolitis (clinico-experimental study)] Amosov IS, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):30-5 (Eng. Abstr.) **(Rus)**

SURGERY.

Surgical management of symptomatic pulmonary aspergilloma. Battaglini JW, et al. **Ann Thorac Surg** 1985 Jun;39(6):512-6

[Pulmonary aspergilloma. Diagnosis and therapy in 6 cases] Vicentini L, et al. **Minerva Chir** 1985 Jan 15-31; 40(1-2):45-8 (Eng. Abstr.) **(Ita)**

[A case of primary cryptococcosis] Ataka K, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):656-9 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary mucormycosis in a diabetic patient successfully treated by lobectomy] Horikoshi H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1147-53 (Eng. Abstr.) **(Jpn)**

[A case of myelomonocytic leukemia accompanied by pulmonary thromboembolism with mucormyces successfully treated by pulmonary lobectomy] Taneichi K, et al. **Rinsho Ketsueki** 1985 Jan;26(1):96-100 **(Jpn)**

[Surgical treatment of bronchopulmonary aspergillosis] Aliazov SI, et al. **Grudn Khir** 1985 Mar-Apr;(2):17-9 (Eng. Abstr.) **(Rus)**

THERAPY

[Methods of treating patients with pulmonary aspergillosis] Zyskin LIu, et al. **Probl Tuberk** 1985;(2):43-5 (Eng. Abstr.) **(Rus)**

VETERINARY

Dual mycotic infection in a chicken. Mendoza L, et al. **Avian Dis** 1985 Apr-Jun;29(2):514-7

Aspergillosis in two San Esteban chuckwallas. Tappe JP et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1425-8

The prevalence of serum precipitating antibody to Aspergillus fumigatus in adult cattle in Britain. Wiseman A, et al. **J Comp Pathol** 1984 Oct;94(4):535-42

Coccidioidomycosis (Coccidioides immitis) in the collared peccary (Tayassu tajacu: Tayassuidae) in Texas. Lochmiller RL, et al. **J Wildl Dis** 1985 Jul;21(3):305-9

Mycotic pneumonia and meningoencephalitis due to Aspergillus terreus in a neonatal snow leopard (Panthera uncia). Peden WM, et al. **J Wildl Dis** 1985 Jul;21(3) 301-5

Recent studies on aspergillosis in turkey poults. Richard JL, et al. **Mycopathologia** 1984 Aug 30;87(1-2):3-11 (4 ref.)

Two cases of adiaspiromycosis in the Japanese pika (Ochotona hyperborea yesoensis Kishida). Taniyama H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):139-42

Chronic pulmonary cryptococcosis in a Rattus rattus from Rabaul, Papua New Guinea. Scrimgeour EM, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):827-8

Pulmonary aspergillosis in apparently healthy young rabbits. Matsui T, et al. **Vet Pathol** 1985 May;22(3):200-5

[Adiaspiromycosis in small wild mammals caught in Tunisia] Boisseau-Lebreuil MT, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):369-76 (Eng. Abstr.) **(Fre)**

LUNG DISEASES, OBSTRUCTIVE

Symposium on adult respiratory emergencies. **Emerg Med Clin North Am** 1983 Aug;1(2):221-472

Airways disease: evolution, pathology, and recognition. Hogg JC, et al. **Med J Aust** 1985 May 27;142(11):605-7

A substitute for 'small airway disease'? [letter] Teculescu DB. **Thorax** 1985 Jun;40(6):479

BLOOD

Nocturnal oxyhemoglobin desaturation following tracheostomy for obstructive sleep apnea. Fletcher EC, et al. **Am J Med** 1985 Jul;79(1):35-42

Plasma theophylline concentrations, six minute walking distances, and breathlessness in patients with chronic airflow obstruction [letter] **Br Med J [Clin Res]** 1985 Feb 9;290(6466):466-7

Alterations in theophylline protein binding in acutely ill patients with COPD. Zarowitz B, et al. **Chest** 1985 Jun; 87(6):766-9

Arterial oxygen desaturation during treadmill and bicycle exercise in patients with chronic obstructive airways disease. Cockcroft A, et al. **Clin Sci** 1985 Mar;68(3):327-32

Platelet hyperfunction in patients with chronic airways obstruction. Cordova C, et al. **Eur J Respir Dis** 1985 Jan; 66(1):9-12

Study of alpha 1 antitrypsin levels in chronic obstructive pulmonary disease. Sengupta SR, et al. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):280-3

Mealtime arterial O2 saturation in COPD [letter] Castaldo WA, et al. **South Med J** 1984 Oct;77(10):1347

Theophylline serum concentrations in ambulatory patients with chronic obstructive pulmonary disease. Bredon JW et al. **Ther Drug Monit** 1985;7(2):168-73

Relationship between saliva and free and total plasma theophylline concentrations in patients with chronic airflow obstruction. Ebden P, et al. **Thorax** 198 Jul; 40(7):526-9

[Blood lactate in chronic obstructive pulmonary disease with chronic cor pulmonale] Gu YW, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jan;24(1):2 -2, 62 (Eng. Abstr.) **(Chi)**

[Comparison of the oxyhemoglobin dissociation curve in various pathological forms] Pacia A. **Arch Monaldi** 1984 Jan-Apr;39(1-2):45-52 (Eng. Abstr.) **(Ita)**

[Nocturnal desaturation in patients with chronic lung disease—with special reference to the effect on pulmonary circulation] Sawada M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):302-10 (Eng. Abstr.) **(Jpn)**

CHEMICALLY INDUCED

Prostatic cancer and chronic respiratory and renal disease in British cadmium workers: a case control study. Armstrong BG, et al. **Br J Ind Med** 1985 Aug;42(8):540-5

Mitomycin C and vindesine associated pulmonary toxicity with variable clinical expression. Luedke D, et al. **Cancer** 1985 Feb 1;55(3):542-5

A 10-year follow-up study of a group of workers exposed to isocyanates. Gee JB, et al. **J Occup Med** 1985 Jan; 27(1):15-8

Health hazards of welding fumes [letter] Chew CK. **NZ Med J** 1984 Nov 14;97(767):786

[Development of an obstructive syndrome in bronchial asthma patients treated with non-steroidal anti-inflammatory agents] Kantariia VA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):136-7 **(Rus)**

CLASSIFICATION

A multivariate analysis of the risk in chronic obstructive lung disease (COLD). Spinaci S, et al. **J Chronic Dis** 1985; 38(5):449-53

[A study on chronic airway diseases—a discussion focused mainly upon bronchographic findings of diffuse panbronchiolitis] Iwata T. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):73-85 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

The effects of a multicomponent smoking cessation program with chronic obstructive pulmonary disease outpatients. Turner SA, et al. **Addict Behav** 1985;10(1):87-90

Effects of dipyridamole infusion on local platelet aggregation and local formation of thromboxane A2 in patients with pulmonary hypertension. Gensini GF, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:257-62

Effect of hypoxemia on sodium and water excretion in chronic obstructive lung disease. Reihman DH, et al. **Am J Med** 1985 Jan;78(1):87-94

Relationship of ventricular ectopy to nocturnal oxygen desaturation in patients with chronic obstructive pulmonary disease. Shepard JW Jr, et al. **Am J Med** 1985 Jan; 78(1):28–34

Relationship of ventricular ectopy to nocturnal oxygen desaturation in patients with chronic obstructive pulmonary disease [letter] Tirlapur VG. **Am J Med** 1985 Aug; 79(2):A51, A54, A56

Respiratory consequences of abdominal hernia in a patient with severe chronic obstructive pulmonary disease. Celli BR, et al. **Am Rev Respir Dis** 1985 Jan;131(1):178–80

Sustained-release theophylline reduces dyspnea in nonreversible obstructive airway disease. Mahler DA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):22–5

Effects of acute bronchoconstriction on respiratory activity in patients with COPD [letter] Stănescu DC, et al. **Am Rev Respir Dis** 1985 Sep;132(3):722–3

Effect of diuretics on cardiopulmonary performance in severe chronic airflow obstruction. A controlled clinical trial. Mathur PN, et al. **Arch Intern Med** 1984 Nov; 144(11):2154–7

Prevalence of depression and anxiety in patients with COPD. Relationship to functional capacity. Light RW, et al. **Chest** 1985 Jan;87(1):35–8

Recurrent nontraumatic aortic tears resulting in valvular avulsion and aortic insufficiency. Jaworsky C, et al. **Clin Cardiol** 1985 Mar;8(3):173–5

Does pulmonary arterial hypertension influence the prognosis in patients with chronic obstructive lung disease? Bishop JM. **Cor Vasa** 1985;27(2–3):172–6

Severe hypoxemia due to chronic obstructive pulmonary disease exacerbated by Hemophilus influenzae pneumonia [letter] Johnston WE, et al. **Crit Care Med** 1985 Jul; 13(7):61

Effect of long-term administration of digoxin on exercise performance in chronic airflow obstruction. Mathur PN, et al. **Eur J Respir Dis** 1985 Apr;66(4):273–83

Effect of naloxone on arterial gases in chronically obstructed patients with acute respiratory failure. Montserrat JM, et al. **Eur J Respir Dis** 1985 Jan;66(1):77–9

Erythrapheresis compared with placebo apheresis in patients with polycythaemia secondary to hypoxic lung disease. Wedzicha JA, et al. **Eur J Respir Dis** 1984 Nov; 65(8):579–85

Evaluation problems of a long-term study on evolving pulmonary arterial hypertension in chronic non specific lung disease. Naszlady A, et al. **G Ital Cardiol** 1984;14 Suppl 1:49–55

Effects of theophylline-ethylendiamine on chronic pulmonary arterial hypertension secondary to chronic obstructive pulmonary disease. Panuccio P, et al. **G Ital Cardiol** 1984;14 Suppl 1:74–6

Evolution of pulmonary hypertension in chronic obstructive pulmonary diseases. Weitzenblum E, et al. **G Ital Cardiol** 1984;14 Suppl 1:33–8

Effects of oxygen therapy on pulmonary arterial hypertension in chronic obstructive lung disease. Zielinski J. **G Ital Cardiol** 1984;14 Suppl 1:61–3

Managing asthma and COPD in patients with cardiovascular disease. George RB, et al. **Geriatrics** 1985 Jul;40(7):45–9

Influence of drug therapy on bronchial hyperreactivity. Forche G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):320–2

Pulmonary edema secondary to chronic upper airway obstruction. Hemodynamic study in a child. Sofer S, et al. **Intensive Care Med** 1984;10(6):317–9

Right ventricular myocardial infarction in patients with chronic lung disease: possible role of right ventricular hypertrophy. Kopelman HA, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1302–7

The incidence of tricuspid valvular regurgitation in patients with severe chronic obstructive pulmonary disease as determined by two-dimensional echocardiography. Venditto MA, et al. **J Am Osteopath Assoc** 1984 Nov; 84(3):264–7

Relationship of neuropsychological status to everyday functioning in healthy and chronically ill persons. McSweeny AJ, et al. **J Clin Exp Neuropsychol** 1985 Jun; 7(3):281–91

Effects of the antitussive fominoben (PB89) on hypoxia in chronic obstructive lung disease: comparison with dextromethorphan using a double-blind method. Sasaki T, et al. **J Int Med Res** 1985;13(2):96–101

Saber-sheath trachea. Woodring JH, et al. **J Ky Med Assoc** 1985 May;83(5):235–7

Effects of metoprolol on digitalis-resistant atrial tachyarrhythmias in chronic obstructive pulmonary disease. Burgersdijk C, et al. **Neth J Med** 1984;27(8):283–6

Pulmonary hypertension and respiratory failure in the development of right ventricular hypertrophy in patients with chronic obstructive airway disease. Louridas G, et al. **Respiration** 1984;46(1):52–60

M-mode subxiphoid echocardiography in assessing pulmonary hypertension. Its usefulness in chronic obstructive pulmonary disease. Soroldoni M, et al. **Respiration** 1985;47(3):164–70

Antithrombin III modifications in respiratory failure due to advanced chronic obstructive lung disease. Porro F, et al. **Ric Clin Lab** 1984 Jul–Sep;14(3):531–3

[Pulmonary thrombosis and embolism in cor pulmonale caused by chronic obstructive pulmonary disease] Cheng XS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):78–9 (Eng. Abstr.) **(Chi)**

[No beta blockers without a COPD anamnesis] Hirschler-Schulte CJ, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):265–7 (Eng. Abstr.) **(Dut)**

[Effect of captopril on pulmonary arterial hypertension in congestive heart failure associated with chronic obstructive bronchopneumopathy] Saadjian A, et al. **Rev Pneumol Clin** 1984;40(5):321–5 (Eng. Abstr.) **(Fre)**

[Hemodynamic and respiratory effects of phentolamine in pulmonary hypertension secondary to chronic obstructive syndrome] Domenighetti G, et al. **Schweiz Med Wochenschr** 1985 Jan 19;115(3):99–103 (Eng. Abstr.) **(Fre)**

[Chronic obstructive lung disease and hypoxemia during air travel] **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1464 **(Ger)**

[Pulmonary hypertension and chronic obstructive ventilatory disorders––correlation between hemodynamic parameters and pulmonary function] Gassner A, et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):266–72 (Eng. Abstr.) **(Ger)**

[Course study of pulmonary artery pressure in patients with chronic obstructive bronchitis] Evers H. **Z Erkr Atmungsorgane** 1985;164(1):67–73 (Eng. Abstr.) **(Ger)**

[Respiratory failure in elderly patients with chronic obstructive pulmonary disease] Kishi F, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):403–7 (Eng. Abstr.) **(Jpn)**

[Pyocyaneus infection in surgical pneumonology] Aliev MA, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):63–5 (Eng. Abstr.) **(Rus)**

[Spontaneous pneumothorax in nonspecific lung diseases] Shchiglik GM. **Khirurgiia (Mosk)** 1984 Oct;(10):60–3 (Eng. Abstr.) **(Rus)**

[Electrocardiographic criteria of myocardial hyperfunction in the right segment of the heart] Khadartsev AA, et al. **Klin Med (Mosk)** 1984 Aug;62(8):38–41 (Eng. Abstr.) **(Rus)**

[Use of the immunocytoadherence test in the examination of children and adolescents with chronic nonspecific lung diseases] Ospanova SIa, et al. **Probl Tuberk** 1984 Nov;(11):37–40 (Eng. Abstr.) **(Rus)**

[Chronic obstructive lung diseases associated with systemic arterial hypertension] Kubyshkin VF, et al. **Ter Arkh** 1985; 57(2):114–6 (Eng. Abstr.) **(Rus)**

[Relation of chronic rhinitis and sinusitis with the chronic obstructive pulmonary syndrome] [Drecun V, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):687–94 **(Scc)**

[Pulmonary nocardiosis. Apropos of a case (letter)] Cervantes Ruipérez A, et al. **Med Clin (Barc)** 1985 May 18; 84(19):796–7 **(Spa)**

DIAGNOSIS

Utilization of a peroxidase antiperoxidase complex in an enzyme-linked immunosorbent assay of elastin-derived peptides in human plasma. Kucich U, et al. **Am Rev Respir Dis** 1985 May;131(5):709–13

The interpretation of the spirogram. How accurate is it for 'obstruction'? Gilbert R, et al. **Arch Intern Med** 1985 Sep; 145(9):1635–9

Non-invasive semi-quantitative measurements of tidal pressure-volume and flow relations of lung in COPD patients. Moavero NE, et al. **Bull Eur Physiopathol Respir** 1984 Jul–Aug;20(4):333–9

Pulmonary A–V communications in COPD [letter] Jung RC, et al. **Chest** 1985 Aug;88(2):312

Stenosis of main bronchi mimicking fixed upper airway obstruction in sarcoidosis. Miller A, et al. **Chest** 1985 Aug; 88(2):244–8

'Stage prop' humor [letter] Petty TL. **Chest** 1984 Oct; 86(4):650–1

Lung volumes measured by helium dilution and by body plethysmography with mouth and oesophageal pressures: a comparative study in patients with lung disease. Dahlqvist M, et al. **Clin Physiol** 1985 Apr;5(2):179–87

Theophylline: a diagnostic aid for evaluating chronic airways obstruction. dal Negro RW, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jul;23(7):359–64

Assessment of transdiaphragmatic pressure in humans. Laporta D, et al. **J Appl Physiol** 1985 May;58(5):1469–76

Using mini peak flow meter. A simple airway monitor in respiratory medicine. Bhasin RC. **J Assoc Physicians India** 1984 Nov;32(11):987–9

Clinical presentations of chronic obstructive pulmonary disease. Tellis CJ. **Primary Care** 1985 Jun;12(2):227–37

Changes in clinical status and lung functions of patients with chronic respiratory diseases over 10 years. Mándi A, et al. **Respiration** 1984;46(2):151–9

Lung function tests in connective tissue diseases associated with Raynaud's phenomenon. Ploysongsang Y, et al. **Respiration** 1984;46(2):222–30

Chronic obstructive pulmonary disease: evaluation, management. Stark GP, et al. **W Va Med J** 1985 Jun; 81(6):114–20

[Evaluation of left cardiac function in chronic obstructive bronchopneumopathy. Correlation of the radiographic analysis of the thorax and hemodynamic data] Louis O, et al. **Rev Mal Respir** 1984;1(4):233–9 (Eng. Abstr.) **(Fre)**

[Importance of spirometry in the early diagnosis of airway diseases (letter)] **Dtsch Med Wochenschr** 1985 Apr 12; 110(15):606–9 **(Ger)**

[Thoughts, measurements and comparisons of the usefulness of phase displaced pressure-flow diagrams in the evaluation of obstructive lung diseases. Measurement of respiratory air per liter] Hase H. **Prax Klin Pneumol** 1985 Jan; 39(1):5–14 (Eng. Abstr.) **(Ger)**

[Measurement of airway resistance with non-plethysmographic methods] Nolte D, et al. **Prax Klin Pneumol** 1984 Aug;38(8):366–71 (Eng. Abstr.) **(Ger)**

[Value of spirometric, pneumotachographic and oscilloresistometric studies in the functional diagnosis of obstructive respiratory tract diseases] Pleger E, et al. **Z Erkr Atmungsorgane** 1984;163(3):229–40 (Eng. Abstr.) **(Ger)**

[Reproducibility of nonspecific bronchial reactivity] Roth J. **Z Erkr Atmungsorgane** 1984;163(2):162–5 (Eng. Abstr.) **(Ger)**

[Reference values for the inhomogeneity parameter V2/V1] Willroth PO, et al. **Z Erkr Atmungsorgane** 1984; 163(3):241–4 (Eng. Abstr.) **(Ger)**

[New presentation of frontal plane derivations in the electrocardiogram] Deccache W, et al. **Arq Bras Cardiol** 1984 Apr;42(4):255–66 (Eng. Abstr.) **(Por)**

[Differential diagnosis of lung diseases with bronchial obstruction] **Probl Tuberk** 1985;(2):68–74 **(Rus)**

[Selection of spirometric tests in the evaluation of ventilatory function of the lungs] Zuškin E, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):31–41 (Eng. Abstr.) **(Ser)**

[Corticosteroid therapy test in the evaluation of the reversibility of respiratory airways obstruction] Dangubić V, et al. **Vojnosanit Pregl** 1984 May–Jun;41(3):184–7 (Eng. Abstr.) **(Ser)**

DRUG THERAPY

Effects of 40 mcg. and 400 mcg. of ipratropium bromide in obstructive lung disease. Dejaegher P, et al. **Acta Clin Belg** 1984;39(3):136–40

Aerosol beclomethasone in patients with steroid-responsive chronic obstructive pulmonary disease. Shim CS, et al. **Am J Med** 1985 Apr;78(4):655–8

The influence of orally administered cimetidine and theophylline on the elimination of each drug in patients with chronic airways obstruction. Hsu K, et al. **Am Rev Respir Dis** 1984 Nov;130(5):740–3

The effect of maintenance theophylline therapy on lung work in severe chronic obstructive pulmonary disease while standing and walking. Jenne JW, et al. **Am Rev Respir Dis** 1984 Oct;130(4):600–5

Effects of hydralazine on hemodynamics, ventilation, and gas exchange in patients with chronic obstructive pulmonary disease and pulmonary hypertension. Keller CA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):606–11

Deleterious effect of nifedipine on pulmonary gas exchange in chronic obstructive pulmonary disease. Melot C, et al. **Am Rev Respir Dis** 1984 Oct;130(4):612–6

Who needs home oxygen? Petty TL. **Am Rev Respir Dis** 1985 Jun;131(6):930–1

The efficacy of orally administered theophylline, inhaled salbutamol, and a combination of the two as chronic therapy in the management of chronic bronchitis with reversible air-flow obstruction. Taylor DR, et al. **Am Rev Respir Dis** 1985 May;131(5):747–51

The effect of short-term oxygen supplementation on oxygen hemoglobin affinity in patients with chronic obstructive pulmonary disease. Timms RM, et al. **Am Rev Respir Dis** 1985 Jan;131(1):69–72

Comparison between long-term treatment of chronic bronchitic airway obstruction with ipratropium bromide and metaproterenol. Ashutosh K, et al. **Ann Allergy** 1984 Nov;53(5):401–6

Effect of empiric dosing on blood levels of theophylline and phenytoin. Curtis RA, et al. **Ann Emerg Med** 1985 Mar; 14(3):213–7

Theophylline in stable chronic airflow obstruction. A reappraisal. Dull WL, et al. **Arch Intern Med** 1984 Dec; 144(12):2399–401 (37 ref.)

Aerosol therapy in adult lung disease. Newhouse M. **Arch Monaldi** 1984 May–Jun;39(3):107–14

Acute effects of nifedipine on patients with chronic obstructive lung disease. Ikeda H, et al. **Arzneimittelforsch** 1985;35(2):518–21

Pilot clinical trial with a new beta 2-sympathomimetic bronchodilator, mabuterol. Ulmer WT, et al. **Arzneimittelforsch** 1984;34(11A):1697–8

Serum theophylline levels with oral sustained release theophylline after transfer from intravenous aminophylline in patients with chronic lung disease [letter] Silins RA, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):645–7

The use of sustained-release theophylline ('Theo-dur') for the treatment of chronic reversible obstructive lung disease in hospital practice. Riddington CJ, et al. **Br J Clin Pract** 1985 Apr;39(4):148–53

The use of parenteral aminophylline in patients taking slow release theophylline preparations: an observation of clinical practice. Arbab OA, et al. **Br J Dis Chest** 1985 Apr; 79(2):161–71

Treatment of chronic obstructive pulmonary disease with corticosteroids. Comparison of daily vs alternate-day therapy. Blair GP, et al. **Chest** 1984 Oct;86(4):524-8

A question of statistical significance [letter] Eliasson O. **Chest** 1985 Aug;88(2):313-4

Update on the pharmacodynamics and pharmacokinetics of theophylline. Hendeles L, et al. **Chest** 1985 Aug;88(2 Suppl):103S-111S (61 ref.)

Safety of nifedipine in subjects with bronchial asthma and COPD. Nair N, et al. **Chest** 1984 Oct;86(4):515-8

The pendulum swings again. Toward a rational use of theophylline [editorial] Rogers RM, et al. **Chest** 1985 Mar;87(3):280-2

Recent advances in the management of obstructive airways disease. Auxiliary MDI aerosol delivery systems. Sackner MA, et al. **Chest** 1985 Aug;88(2 Suppl):161S-170S

Effects of the calcium antagonist tiapamil on pulmonary gas exchange in patients with chronic obstructive pulmonary disease who receive salbutamol. Gugger M, et al. **Clin Pharmacol Ther** 1985 Jul;38(1):96-100

Tulobuterol in the management of obstructive airways disease in adults. Patel KR. **Clin Ther** 1985;7(4):452-67 (43 ref.)

Comment on COAD [letter] Carlson JA. **Drug Intell Clin Pharm** 1984 Dec;18(12):997-8

Ipratropium bromide. Massey KL, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):5-12 (64 ref.)

Comment: antibiotics in acute exacerbations of COAD [letter] Wiser TH, et al. **Drug Intell Clin Pharm** 1985 May;19(5):397-8

Duovent--is logic enough? **Drug Ther Bull** 1985 Jan 14;23(1):3-4

Pharmacological control of platelet-vessel wall interactions in patients with chronic obstructive airway disease. Mantero O, et al. **G Ital Cardiol** 1984;14 Suppl 1:69-73

Physiopathological rationale and clinical aims of the use of a combination of cefuroxime and N-acetylcysteine in pneumology. Girbino G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Mar;23(3):166-72

Salbutamol plus beclomethasone dipropionate (Ventolin Flogo) vs. fenoterol (Dosberotec) in chronic obstructive lung disease therapeutic strategy: a 4-week clinical trial. Perri G, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):274-8

Serum theophylline--a mandatory measurement in the control of therapy? Laher MS, et al. **Ir J Med Sci** 1985 May;154(5):193-7

Double blind crossover randomised study of bromhexine in chronic obstructive airway disease. Misra MP, et al. **J Assoc Physicians India** 1984 May;32(5):423-5

Antihypertensive therapy with guanabenz in patients with chronic obstructive pulmonary diseases. Deitch MW, et al. **J Cardiovasc Pharmacol** 1984;6 Suppl 5:S818-22

Substituted 2-pyrones, 2-pyridones, and other congeners of elasnin as potential agents for the treatment of chronic obstructive lung diseases. Groutas WC, et al. **J Med Chem** 1985 Aug;28(8):1106-9

Almitrine in chronic airflow obstruction [editorial] **Lancet** 1985 Apr 6;1(8432):796-7

The nebuliser epidemic [editorial] **Lancet** 1984 Oct 6;2(8406):789-90

Weaning patients from mechanical ventilation by benzodiazepine antagonist Ro15-1788 [letter] Kleinberger G, et al. **Lancet** 1985 Aug 3;2(8449):268-9

Theophylline and chronic obstructive pulmonary disease [letter] Dull WL. **N Engl J Med** 1984 Dec 6;311(23):1518

Fenoterol plus ipratropium ('Duovent') aerosol therapy delivered by a tube spacer. Woodcock A, et al. **Pharmatherapeutica** 1984;4(1):32-5

Patterns of drug taking in patients with chronic airflow obstruction. James PN, et al. **Postgrad Med J** 1985 Jan;61(711):7-10

Pharmacologic approaches to obstructive airway disease. Beck BW. **Primary Care** 1985 Jun;12(2):239-52

Effect of desipramine on control of ventilation and depression scores in patients with severe chronic obstructive pulmonary disease. Gordon GH, et al. **Psychiatry Res** 1985 May;15(1):25-32

Comparison of the bronchodilating effect of two doses of a sustained release theophylline. Prignot J, et al. **Respiration** 1984;46(2):166-73

Outpatient treatment of chronic obstructive pulmonary disease--a practitioner's guide. Stulbarg MS, et al. **West J Med** 1985 Jun;142(6):842-6

[Influence of almitrine dimesylate on gas exchange. Preliminary results in patients with chronic obstructive bronchopneumopathies under artificial ventilation] Castaing Y, et al. **Presse Med** 1984 Oct 4;13(34):2078-82 (Eng. Abstr.) **(Fre)**

[Chronic bronchopneumopathies. A new therapeutic approach (editorial)] Chrétien J. **Presse Med** 1984 Oct 4;13(34):2043-4 **(Fre)**

[Should arterial gas values be improved in patients with chronic bronchitic respiratory insufficiency? Value of almitrine dimesylate] Prefaut C. **Presse Med** 1984 Oct 4;13(34):2090-3 (Eng. Abstr.) **(Fre)**

[Pulmonary hemodynamic monitoring in chronic respiratory insufficiency treated with almitrine bismesilate for 4 months in a double-blind study] Bourgouin-Karaouni D, et al. **Rev Mal Respir** 1984;1(4):245-50 (Eng. Abstr.) **(Fre)**

[Effect of almitrine and oxygen on arterial blood gases in chronic respiratory insufficiency] Magnussen H. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):20-3 (Eng. Abstr.) **(Ger)**

[Determination of serum theophylline concentration in ambulatory practice] Staib AH, et al. **Dtsch Med Wochenschr** 1985 Apr 26;110(17):680-5 (Eng. Abstr.) **(Ger)**

[A single dose of theophylline in the evening in chronic obstructive airway disease. Serum concentration and lung function parameter] Kaik G. **Fortschr Med** 1984 Nov 22;102(43):1120-2 (Eng. Abstr.) **(Ger)**

[Fenoterol in chronic obstructive bronchitis--comparison of the efficacy of various application forms. Advantages and disadvantages of metered dose inhalers with a small or large expander and a mechanical atomizer] Matthys H, et al. **Fortschr Med** 1984 Oct 18;102(39):996-9 (Eng. Abstr.) **(Ger)**

[Results of a serum concentration-oriented dosage of a theophylline depot preparation in ambulatory patients with chronic obstructive lung disease] Harder S, et al. **Prax Klin Pneumol** 1985 Jun;39(6):193-6 (Eng. Abstr.) **(Ger)**

[Improvement of ventilation in patients with restrictive and irreversible obstructive ventilation disorders by a single dose of theophylline] Radenbach D, et al. **Prax Klin Pneumol** 1985 May;39(5):159-61 (Eng. Abstr.) **(Ger)**

[Frequent errors in the therapy of chronic obstructive airway diseases] Schmidt OP. **Prax Klin Pneumol** 1984 Aug;38(8):329-38 **(Ger)**

[Clinico-pharmacologic aspects of prescribing theophylline-containing preparations] Staib AH, et al. **Prax Klin Pneumol** 1985 Aug;39(8):276-80 (Eng. Abstr.) **(Ger)**

[Multicenter clinical study on the delayed use of ipratropium-fenoterol in broncho-obstructive pathology] Babich S, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):305-16 **(Ita)**

[Comparative evaluation of the bronchospasmolytic action of fenoterol and iprafen] De Maria C, et al. **Arch Monaldi** 1984 May-Jun;39(3):223-5 (Eng. Abstr.) **(Ita)**

[Controlled clinical study of the effects of a single aerosol administration of a fenoterol-ipratropium bromide combination in comparison with salbutamol] Ginesu F, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):241-54 **(Ita)**

[Evaluation of ventilation changes in patients with obstructive bronchopneumopathy induced by bronchodilator drugs] De Benedetto F, et al. **Clin Ter** 1984 Jun 30;109(6):509-17 (Eng. Abstr.) **(Ita)**

[Use of a salbutamol-beclomethasone dipropionate combination in the treatment of chronic obstructive bronchopneumopathy] Greco N, et al. **Clin Ter** 1984 Sep 15;110(5):445-53 (Eng. Abstr.) **(Ita)**

[Enprofylline--a new therapeutic possibility in asthma and other obstructive lung diseases] Persson CG. **Lakartidningen** 1985 Apr 17;82(16):1474-80 **(Swe)**

ECONOMICS

The costs and effects of behavioral programs in chronic obstructive pulmonary disease. Toevs CD, et al. **Med Care** 1984 Dec;22(12):1088-100

ENZYMOLOGY

Metabolic enzymatic activities in the diaphragm of normal men and patients with moderate chronic obstructive pulmonary disease. Sánchez J, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):535-40

Elastase-type activity of human serum. Its variation in chronic obstructive lung diseases and atherosclerosis. Hornebeck W, et al. **Clin Physiol Biochem** 1983;1(6):285-92

ETIOLOGY

Smoking pattern of smokers with and without tobacco-smoke-related lung diseases. Medici TC, et al. **Am Rev Respir Dis** 1985 Mar;131(3):385-8

Factors predisposing to abnormal pulmonary function after adenovirus type 7 pneumonia. Sly PD, et al. **Arch Dis Child** 1984 Oct;59(10):935-9

Potential permanent respiratory sequela of Stevens-Johnson syndrome in an adolescent. Reyes de la Rocha S, et al. **J Adolesc Health Care** 1985 May;6(3):220-3

The problem of mucus plugging in children with asthma. Maxwell GM. **J Asthma** 1985;22(3):131-7

Irreversible airflow obstruction. Evolution in asthma. Finucane KE, et al. **Med J Aust** 1985 May 27;142(11):602-4

Occupational lung disease in Australia. Evolution of chronic airflow obstruction [editorial] Musk AW, et al. **Med J Aust** 1985 May 27;142(11):583-4

Airways obstruction associated with graft versus host disease after bone marrow transplantation. Wyatt SE, et al. **Thorax** 1984 Dec;39(12):887-94

Importance of urban air pollution in chronic respiratory problems. Wojtyniak B, et al. **Z Erkr Atmungsorgane** 1984;163(3):274-84

[Air pollution and airway disease] Ulmer WT. **Internist (Berlin)** 1985 Apr;26(4):233-40 **(Ger)**

[Air pollution and bronchopulmonary disease in children] von der Hardt H. **Monatsschr Kinderheilkd** 1985 Jan;133(1):2-5 (28 ref.) (Eng. Abstr.) **(Ger)**

[alpha 1-Antiprotease (alpha 1-Pi) and respiratory diseases] Yoshida A. **Kokyu To Junkan** 1984 Aug;32(8):756-65 (113 ref.) **(Jpn)**

[Chronic respiratory tract diseases in workers in the wood-processing industry] Lukjan Z, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):569-72 (Eng. Abstr.) **(Pol)**

[Effect of air pollution on the respiratory system (review of the literature)] Pudelski J. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):557-62 (47 ref.) **(Pol)**

[Mechanism of the restriction of pulmonary ventilation in workers exposed to mixed air pollution] Pierzchala W. **Wiad Lek** 1984 Oct 15;37(20):1573-80 (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

Heterozygosity in the Pi-system as a pathogenetic cofactor in chronic obstructive pulmonary disease (COPD). Bartmann K, et al. **Eur J Respir Dis** 1985 Apr;66(4):284-96

IMMUNOLOGY

Alveolar macrophage function and inflammatory stimuli in smokers with and without obstructive lung disease. McLeod R, et al. **Am Rev Respir Dis** 1985 Mar;131(3):377-84

Pneumococcal antibodies (IgG, IgM) in patients with chronic obstructive lung disease 3 years after pneumococcal vaccination. Kraus C, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):51-8

[Determination of serum Mycoplasma pneumoniae antibodies and an intradermal hypersensitive test with its antigen in chronic obstructive pulmonary disease] Shun JZ, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):139-41, 189 (Eng. Abstr.) **(Chi)**

METABOLISM

Dependence of oxygen uptake on oxygen transport in patients with chronic obstructive pulmonary disease [letter] Cole RP. **Am Rev Respir Dis** 1985 Jan;131(1):184

Theophylline kinetics in chronic obstructive airway disease in the elderly. Au WY, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):472-8

Lysozyme and lactoferrin in sputum from patients with chronic obstructive lung disease. Harbitz O, et al. **Eur J Respir Dis** 1984 Oct;65(7):512-20

Bone magnesium in chronic obstructive pulmonary disease with hypercapnia. Cohen L, et al. **Magnesium** 1985;4(1):34-9

Dose-dependent kinetics of theophylline in adults with pulmonary diseases. Massey KL, et al. **Ther Drug Monit** 1984;6(3):284-9

[Blood and breath alcohol concentrations (Alcotest 7010 and Alcotest 7310) in pathological ventilation conditions] Thiel M, et al. **Blutalkohol** 1984 Nov;21(6):458-63 (Eng. Abstr.) **(Ger)**

[Biosynthesis of phospholipids in the myocardium during the chronic inflammatory bronchopulmonary process] Kazarian PA. **Vopr Med Khim** 1984 Sep-Oct;30(5):90-2 (Eng. Abstr.) **(Rus)**

[Analysis of proteins in the soluble phase of sputum in unstable and stabilization clinical periods in patients with chronic obstructive pulmonary disease. I.] Oteo Ochoa LA, et al. **Rev Clin Esp** 1984 Jun 15-30;173(5-6):279-83 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

[Transoral quantitative and transbronchial aspiration cultures in patients with chronic obstructive pulmonary disease complicating broncho-pulmonary infection] Hou XM. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):537-9 (Eng. Abstr.) **(Chi)**

[Studies of bacterial infection in cases with chronic lower airway infections by repeated transtracheal aspiration] Sawaki M, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):389-95 (Eng. Abstr.) **(Jpn)**

MORTALITY

Altitude and mortality from chronic obstructive lung disease in New Mexico. Coultas DB, et al. **Arch Environ Health** 1984 Sep-Oct;39(5):355-9

Cognitive functioning and survival among patients with chronic obstructive pulmonary disease. Fix AJ, et al. **Int J Neurosci** 1985 Jul;27(1-2):13-7

Chronic obstructive lung disease. Rank P, et al. **West J Med** 1984 Sep;141(3):404-5

[Chronic nonspecific respiratory tract diseases and mortality among the population of one district of the city of Zabrze in prospective epidemiological studies] Polońska A, et al. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):613-7 (Eng. Abstr.) **(Pol)**

NURSING

Impact of a husband's chronic illness (COPD) on the spouse's life. Sexton DL, et al. **Res Nurs Health** 1985 Mar;8(1):83-90

OCCURRENCE

Occupational lung disease due to dusts of vegetable origin. Uragoda CG. **Ceylon Med J** 1983 Dec;28(4):203-11

COPD prevalence in nonsmokers in high and low photochemical air pollution areas. Hodgkin JE, et al. **Chest** 1984 Dec;86(6):830-8

Aggravation of lung disease. Abrams HK. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):487-93 (59 ref.)

PATHOLOGY

Lung disease in long-term cigarette smokers with and without chronic air-flow obstruction. Hale KA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):716-21

The effects of chronic bronchitis and chronic air-flow obstruction on lung cell populations recovered by bronchoalveolar lavage. Martin TR, et al. **Am Rev Respir Dis** 1985 Aug;132(2):254-60

Pulmonary disease in idiopathic urticarial vasculitis. Falk DK. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):346-52

What's new in bronchial obstruction? Experimental pathology and clinico-pathologic correlation. Hartung W. **Pathol Res Pract** 1985 Mar;179(4-5):568-75

[Microcirculation disorder in chronic obstructive lung disease and clinical observation on the therapeutic effect of 'blood circulation activation and thrombosis removal'] Li SS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):273-5 **(Chi)**

[Pulmonary arteriopathy in patients with chronic obstructive bronchopneumopathy (histopathological and morphometric aspects)] Tașcă C, et al. **Rev Med Interna [Med Interna]** 1985 Mar-Apr;37(2):153-64 (Eng. Abstr.) **(Rum)**

PHYSIOPATHOLOGY

Increases in intrathoracic pressure do not explain the rise in left ventricular end-diastolic pressure that occurs during exercise in patients with chronic obstructive pulmonary disease. Albert RK, et al. **Am Rev Respir Dis** 1985 Sep;132(3):623-7

Aminophylline and its influence on ventilatory endurance in humans. Belman MJ, et al. **Am Rev Respir Dis** 1985 Feb;131(2):226-9

Reproducibility of VO2max in patients with chronic air-flow obstruction. Brown SE, et al. **Am Rev Respir Dis** 1985 Mar;131(3):435-8

Evaluation of single-breath helium dilution total lung capacity in obstructive lung disease. Burns CB, et al. **Am Rev Respir Dis** 1984 Oct;130(4):580-3

Ventilatory muscle function during exercise in air and oxygen in patients with chronic air-flow limitation. Bye PT, et al. **Am Rev Respir Dis** 1985 Aug;132(2):236-40

Prediction of ventilation at maximal exercise in chronic air-flow obstruction. Dillard TA, et al. **Am Rev Respir Dis** 1985 Aug;132(2):230-5

Effect of abdominal strapping on chest wall mechanics during exercise in patients with severe chronic air-flow obstruction. Dodd DS, et al. **Am Rev Respir Dis** 1985 Jun;131(6):816-21

Work of breathing in patients with chronic obstructive pulmonary disease in acute respiratory failure. Fleury B, et al. **Am Rev Respir Dis** 1985 Jun;131(6):822-7

Inspiratory force reserve of the respiratory muscles in children with chronic obstructive pulmonary disease. Gaultier C, et al. **Am Rev Respir Dis** 1985 Jun;131(6):811-5

Responses of subjects with chronic obstructive pulmonary disease after exposures to 0.3 ppm ozone. Kehrl HR, et al. **Am Rev Respir Dis** 1985 May;131(5):719-24

Breathing patterns in patients with chronic obstructive pulmonary disease. Loveridge B, et al. **Am Rev Respir Dis** 1984 Nov;130(5):730-3

Mechanics and gas distribution in normal and obstructed lungs during tidal breathing. Lutchen KR, et al. **Am Rev Respir Dis** 1984 Dec;130(6):974-9

Right ventricular performance and central circulatory hemodynamics during upright exercise in patients with chronic obstructive pulmonary disease. Mahler DA, et al. **Am Rev Respir Dis** 1984 Nov;130(5):722-9

Determination of cardiac output at rest and during exercise by carbon dioxide rebreathing method in obstructive airway disease. Mahler DA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):73-8

The effects of acute bronchoconstriction on respiratory activity in patients with chronic obstructive pulmonary disease. Oliven A, et al. **Am Rev Respir Dis** 1985 Feb;131(2):236-41

Determinants of maximal inspiratory pressure in chronic obstructive pulmonary disease. Rochester DF, et al. **Am Rev Respir Dis** 1985 Jul;132(1):42-7

Effects of abdominal and thoracic breathing on breathing pattern components in normal subjects and in patients with chronic obstructive pulmonary disease. Sackner MA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):584-7

Assessment of asynchronous and paradoxic motion between rib cage and abdomen in normal subjects and in patients with chronic obstructive pulmonary disease. Sackner MA, et al. **Am Rev Respir Dis** 1984 Oct;130(4):588-93

Airway reactivity in chronic obstructive pulmonary disease. Failure of in vivo methacholine responsiveness to correlate with cholinergic, adrenergic, or nonadrenergic responses in vitro. Taylor SM, et al. **Am Rev Respir Dis** 1985 Jul;132(1):30-5

Long-term course of pulmonary arterial pressure in chronic obstructive pulmonary disease. Weitzenblum E, et al. **Am Rev Respir Dis** 1984 Dec;130(6):993-8

Prevalence and nature of bronchial hyperresponsiveness in subjects with chronic obstructive pulmonary disease. Yan K, et al. **Am Rev Respir Dis** 1985 Jul;132(1):25-9

Effects of aminophylline upon the exercise performance of patients with stable chronic airflow obstruction. Nietrzeba RM, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):361-7

Effect of increasing bronchodilatation on the single breath nitrogen test. Olofsson J, et al. **Bull Eur Physiopathol Respir** 1985 Jan-Feb;21(1):31-6

Accuracy of residual volume prediction--effects on body composition estimation in pulmonary dysfunction. Hackney AC, et al. **Can J Appl Sport Sci** 1985 Jun;10(2):88-93

Role of calcium-channel blockers in obstructive airway disease. Ahmed T, et al. **Chest** 1985 Aug;88(2 Suppl):142S-151S (75 ref.)

The prevalence and determinants of nutritional changes in chronic obstructive pulmonary disease. Braun SR, et al. **Chest** 1984 Oct;86(4):558-63

Measurement of tidal breath by determination of chest wall volume displacement in patients with airflow obstruction. Dadzie C, et al. **Chest** 1985 Sep;88(3):420-5

Respiration during sleep in children with COPD. Gaultier C, et al. **Chest** 1985 Feb;87(2):168-73

Inspiratory muscle training in clinical practice. Physiologic conditioning or habituation to suffocation? Jederlinic P, et al. **Chest** 1984 Dec;86(6):870-3

A presumptive role for leukotrienes in obstructive airways diseases. Lewis RA. **Chest** 1985 Aug;88(2 Suppl):98S-102S (62 ref.)

Gas exchange alterations in patients with chronic obstructive lung disease. Marthan R, et al. **Chest** 1985 Apr;87(4):470-5

Effects of theophylline on cardiovascular performance in chronic obstructive pulmonary disease. Matthay RA. **Chest** 1985 Aug;88(2 Suppl):112S-117S (27 ref.)

Accuracy of pulmonary function tests in predicting exercise tolerance in chronic obstructive pulmonary disease. Pineda H, et al. **Chest** 1984 Oct;86(4):564-7

The effects of oral slow-release terbutaline on the circadian variation in spirometry and arterial blood gas levels in patients with chronic airflow obstruction. Postma DS, et al. **Chest** 1985 May;87(5):653-7

Therapeutic considerations in respiratory muscle function. Sharp JT. **Chest** 1985 Aug;88(2 Suppl):118S-123S (25 ref.)

Respiratory and circulatory adaptation to isometric and dynamic exercise in chronic lung disease. Schrijen F, et al. **Clin Physiol** 1984 Oct;4(5):371-8

Relationship between ventilation and breathlessness during exercise in chronic obstructive airways disease is not altered by prevention of hypoxaemia. Swinburn CR, et al. **Clin Sci** 1984 Nov;67(5):515-9

Hemodynamic effects of vasodilators on pulmonary hypertension in decompensated chronic obstructive pulmonary disease. Cerdá E, et al. **Crit Care Med** 1985 Apr;13(4):221-3

Controlled exposures of volunteers with chronic obstructive pulmonary disease to sulfur dioxide. Linn WS, et al. **Environ Res** 1985 Aug;37(2):445-51

Clinical experience with inspiratory resistive breathing training. Andersen JB, et al. **Int Rehabil Med** 1984;6(4):183-5

Physical training in bronchial asthma. Bundgaard A, et al. **Int Rehabil Med** 1984;6(4):179-82 (53 ref.)

Evaluation of quantitative aerosol techniques for use in bronchoprovocation studies. Messina MS, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):252-7

The use of quality-of-life considerations in medical decision making. Pearlman RA, et al. **J Am Geriatr Soc** 1985 May;33(5):344-52

Exercise performance following a carbohydrate load in chronic airflow obstruction. Brown SE, et al. **J Appl Physiol** 1985 Apr;58(4):1340-6

Frequency dependence of pulmonary compliance and resistance in patients with obstructive lung disease. Clément J, et al. **J Appl Physiol** 1984 Nov;57(5):1439-47

Airway hysteresis in normal subjects and individuals with chronic airflow obstruction. Fairshter RD. **J Appl Physiol** 1985 May;58(5):1505-10

Accessory muscle activity during sleep in chronic obstructive pulmonary disease. Johnson MW, et al. **J Appl Physiol** 1984 Oct;57(4):1011-7

Ventilatory changes during exercise and arterial PCO2 oscillations in chronic airway obstruction patients. Prior JG, et al. **J Appl Physiol** 1985 Jun;58(6):1942-8

Enhancement of particle deposition by flow-limiting segments in humans. Smaldone GC, et al. **J Appl Physiol** 1985 Aug;59(2):509-14

P-wave changes in obstructive and restrictive lung diseases. Ikeda K, et al. **J Electrocardiol** 1985 Jul;18(3):233-8

Variability of breath-by-breath tidal volume and its characteristics in normal and diseased subjects. Ventilatory monitoring with electrical impedance pneumography. Kuratomi Y, et al. **Jpn J Med** 1985 May;24(2):141-9

Moment analysis of multibreath nitrogen washout with a variable input gas composition. Felton CR, et al. **Med Biol Eng Comput** 1984 Nov;22(6):486-92

Chronic airflow obstruction. Evolution of disordered function in cigarette smokers. Colebatch HJ, et al. **Med J Aust** 1985 May 27;142(11):607-10

Informative value of simple multibreath nitrogen washout measurements for clinical and research purposes. Cutillo AG, et al. **Respiration** 1985;47(2):81-9

Effect of medroxyprogesterone on ventilatory control and pulmonary gas exchange in chronic obstructive patients. Delaunois L, et al. **Respiration** 1985;47(2):107-13

Involvement of respiratory perception in the resistive load compensation. Kawakami Y, et al. **Respiration** 1985;47(4):247-52

Cerebral blood flow, oxygen, carbon dioxide tensions, and blood bicarbonate in controlling drive and timing in patients with chronic obstructive pulmonary diseases. Patakas D, et al. **Respiration** 1984;46(1):45-51

Relationship between pulmonary artery mean pressure and the vertical gradient of perfusion in chronic respiratory diseases. Weitzenblum E, et al. **Respiration** 1984;46(4):337-41

Exercise in patients with chronic obstructive pulmonary disease. Stewart RI. **S Afr Med J** 1985 Jan 19;67(3):87-9 (16 ref.)

A self paced treadmill walking test for breathless patients. Beaumont A, et al. **Thorax** 1985 Jun;40(6):459-64

Role of airway receptors in the breathing pattern of patients with chronic obstructive lung disease. Fennerty AG, et al. **Thorax** 1985 Apr;40(4):268-71

Effect of encouragement on walking test performance. Guyatt GH, et al. **Thorax** 1984 Nov;39(11):818-22

Performance, ventilation, and oxygen consumption in three different types of exercise test in patients with chronic obstructive lung disease. Swinburn CR, et al. **Thorax** 1985 Aug;40(8):581-6

[Clinical evaluation of closing volume measurement in chronic obstructive pulmonary diseases] Sa TS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):296-8 (Eng. Abstr.) **(Chi)**

[Diagnostic value of pulmonary function testing in cor pulmonale] Tao JJ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):47-50, 63 (Eng. Abstr.) **(Chi)**

[Isoproterenol aerosol inhalation for evaluating the reversibility of airway constriction in normal subjects and patients with chronic airway obstruction] Huang ZB, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):129-32, 188 (Eng. Abstr.) **(Chi)**

[Chronic obstructive bronchopneumopathies. What should be measured? When and how?] Marteau D, et al. **Presse Med** 1984 Oct 4;13(34):2054-8 (Eng. Abstr.) **(Fre)**

[Desaturation and nocturnal pulmonary arterial hypertension in C.O.P.D.: effects of oxygen therapy] Geraads A, et al. **Rev Mal Respir** 1984;1(5):319-25 (Eng. Abstr.) **(Fre)**

[Hypercapnia caused by oxygen therapy] Nuttin G, et al. **Rev Med Brux** 1985 Jan;6(1):7-11 (Eng. Abstr.) **(Fre)**

[Value of a brief ergometric test in the functional evaluation of chronic bronchopneumopathy] Maillard D, et al. **Rev Pneumol Clin** 1985;41(2):129-34 (Eng. Abstr.) **(Fre)**

[Development of respiratory function in patients with chronic obstructive respiratory disease] Höffe G, et al. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):415-9 (Eng. Abstr.) **(Ger)**

[Nocturnal hypoxemia and hypercapnia in patients with chronic obstructive ventilation disorder. Therapy with almitrine, a peripheral chemoreceptor stimulator] Rühle KH, et al. **Prax Klin Pneumol** 1985 Jun;39(6):197-203 (Eng. Abstr.) **(Ger)**

[Modification of adrenaline and noradrenaline levels by stress in air and oxygen breathing in patients with chronic obstructive ventilation disorders] Rühle KH, et al. **Prax Klin Pneumol** 1984 Dec;38(12):534-8 (Eng. Abstr.) **(Ger)**

[Small airway disease: facts or fiction?] Medici TC. **Schweiz Med Wochenschr** 1985 Apr 27;115(17):592-6 (Eng. Abstr.) **(Ger)**

[Prediction of pulmonary hypertension from simple, noninvasive parameters using discriminant analysis] Evers H, et al. **Z Erkr Atmungsorgane** 1985;164(3):284-7 (Eng. Abstr.) **(Ger)**

[Evaluation of the effects on ventilatory function of a single administration of an ipratropium bromide-fenoterol combination in comparison with fenoterol alone] Ciaccia A, et al. **Arch Monaldi** 1983 Sep-Dec;38(5-6):255-62 **(Ita)**

[Changes in respiratory mechanics and disorders of gas exchange in chronic obstructive pulmonary disease] Marsico SA, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):253-66 (Eng. Abstr.) **(Ita)**

[An investigation on availability of pulmonary oxygenation index in pathologic lung by computer simulation] Ueno O, et al. **Masui** 1984 Nov;33(11):1230-5 (Eng. Abstr.) **(Jpn)**

[Pathophysiological studies on hypoxic circulatory responses in health and in chronic obstructive pulmonary disease] Miyamoto K. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1461-9 **(Jpn)**

[Glomerular filtration rate in chronic obstructive pulmonary disease; clinical implication of biological index of age] Inoue G, et al. **Nippon Ronen Igakkai Zasshi** 1984 May;21(3):203-8 (Eng. Abstr.) **(Jpn)**

[Force-velocity relationship in normal and chronic obstructive subjects] Sasaki H. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):420-4 (Eng. Abstr.) **(Jpn)**

[Radionuclide and macro-microangiographic study of pulmonary ventilation and blood flow in chronic nonspecific lung diseases] Kradinov AI, et al. **Med Radiol (Mosk)** 1985 Jul;30(7):11-5 (Eng. Abstr.) **(Rus)**

[Respiratory mechanics in patients with chronic nonspecific lung diseases] Andrianov IuA, et al. **Probl Tuberk** 1984 Dec;(12):33-7 (Eng. Abstr.) **(Rus)**

[Pulmonary blood flow in chronic nonspecific lung diseases]

Gendlin GE, et al. **Sov Med** 1984;(10):7-13 (Eng. Abstr.) **(Rus)**

[Characteristics of the central hemodynamics and morphofunctional state of the myocardium in patients with nonspecific lung diseases] Kishnereva AG, et al. **Vrach Delo** 1985 Jun;(6):39-41 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

The UCLA population studies of chronic obstructive respiratory disease. VIII. Effects of smoking cessation on lung function: a prospective study of a free-living population. Tashkin DP, et al. **Am Rev Respir Dis** 1984 Nov;130(5):707-15

Occupational exposure and cigarette smoking: respiratory health protection in the workplace. Dosman JA. **J Public Health Policy** 1985 Jun;6(2):185-96

Intervention trial begins with young smokers [news] Gunby P. **JAMA** 1984 Nov 23-30;252(20):2802-3

[Prevention of chronic nonspecific lung diseases among rural laborers] Butorov IV, et al. **Sov Zdravookhr** 1985;(2):11-4 **(Rus)**

PSYCHOLOGY

Effect of chronic lung disease on the perception of added inspiratory loads. Ward ME, et al. **Am Rev Respir Dis** 1985 Sep;132(3):652-6

Acute effects of oxygen treatment upon information processing in hypoxemic COPD patients. Wilson DK, et al. **Chest** 1985 Aug;88(2):239-43

Psychological and neuropsychological aspects of COPD. Greenberg GD, et al. **Psychosomatics** 1985 Jan;26(1):29-33

Alexithymia and chronic respiratory disease. A review of current research. Feiguine RJ, et al. **Psychother Psychosom** 1985;43(2):77-89

Psychological changes and improvement in chronic airflow limitation after corticosteroid treatment. Mitchell DM, et al. **Thorax** 1984 Dec;39(12):924-7

RADIOGRAPHY

Correlation of radiographic measurements and pulmonary function tests in chronic obstructive pulmonary disease. Reich SB, et al. **AJR** 1985 Apr;144(4):695-9

Radiological prediction of pulmonary hypertension in chronic obstructive pulmonary disease. Miller MR, et al. **Eur Heart J** 1984 Jul;5(7):581-7

Radiological abnormalities in sella turcica in patients with chronic obstructive pulmonary disease. Gupta RC, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):83-6

Enhancement of pulmonary vasculature in pulmonary consolidation as seen by computed tomography. Venta LA, et al. **J Comput Tomogr** 1985 Apr;9(2):133-5

[Peripheral pulmonary artery findings on magnified peripheral pulmonary wedge angiography in chronic pulmonary disease] Migita R, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1127-33 (Eng. Abstr.) **(Jpn)**

[Combined fluorographic and electro-x-ray studies in the detection of chronic nonspecific lung diseases in outpatients] Sorokin IuK, et al. **Klin Med (Mosk)** 1984 Jul;62(7):117-21 (Eng. Abstr.) **(Rus)**

[Importance of roentgenobronchological studies in patients with chronic pneumonia] Mamiliaev RM. **Ter Arkh** 1984;56(8):72-4 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Enlarged pulmonary arteriovenous vessels in COPD. Another possible mechanism of hypoxemia. Miller WC, et al. **Chest** 1984 Nov;86(5):704-6

Dry aerosol of monodisperse millimicrospheres for ventilation imaging: production, delivery system, and clinical results in comparison with 81m-krypton and 127-xenon. Köhn H, et al. **Eur J Nucl Med** 1985;10(9-10):411-6

Radioaerosol lung imaging in chronic obstructive airway disease. Weiss T, et al. **Eur J Radiol** 1984 Nov;4(4):241-3

Computer analysis of ventilation-perfusion scans for detection and assessment of lung disease. Burton GH, et al. **Thorax** 1985 Jul;40(7):519-25

REHABILITATION

Inspiratory muscle training in patients with chronic obstructive pulmonary disease. Chen H, et al. **Am Rev Respir Dis** 1985 Feb;131(2):251-5

Factors contributing to attrition rates in a pulmonary rehabilitation program. Shenkman B. **Heart Lung** 1985 Jan;14(1):53-8

The rehabilitation of chronic respiratory disease. Jankowski LW. **Int Rehabil Med** 1984;6(3):x-xii, 148-50 (100 ref.)

A guide to prescribing pulmonary rehabilitation. Harris PL. **Primary Care** 1985 Jun;12(2):253-66

[Additional inspiratory load and respiratory muscle training (letter)] Vandevenne A, et al. **Presse Med** 1985 Mar 2;14(9):551 **(Fre)**

[Training respiratory muscles in subjects with chronic obstructive bronchopneumopathy] Vandevenne A, et al. **Rev Pneumol Clin** 1984;40(5):285-92 (Eng. Abstr.) **(Fre)**

[Rehabilitation of airway diseases] Böhning W, et al. **Internist (Berlin)** 1985 Apr;26(4):228-32 **(Ger)**

[Rehabilitation of the worker with bronchopneumopathy] Donner CF, et al. **G Ital Med Lav** 1984 Jan-Mar;6(1-2):51-9 (Eng. Abstr.) **(Ita)**

[Muscle training of the patients during mechanical ventilation] Miyagi S. **Kokyu To Junkan** 1985 Jun;33(6):722-9 **(Jpn)**

[Rehabilitation of patients with chronic nonspecific diseases of the lungs at a rural outpatient clinic] Butorov IV, et al. **Probl Tuberk** 1984 Nov;(11):3-5 (Eng. Abstr.) **(Rus)**

SURGERY

Ventilation during laryngoscopy in chronic obstructive lung disease. Fredrickson JM, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1606-9

THERAPY

A delicate balance. Strategies for feeding ventilated COPD patients. Irwin MM, et al. **Am J Nurs** 1985 Mar;85(3):274-80

Long-term oxygen therapy can reverse the progression of pulmonary hypertension in patients with chronic obstructive pulmonary disease. Weitzenblum E, et al. **Am Rev Respir Dis** 1985 Apr;131(4):493-8

Hemodynamic response to oxygen therapy in chronic obstructive pulmonary disease. Timms RM, et al. **Ann Intern Med** 1985 Jan;102(1):29-36

An evaluation of the foot pump as a driving source for nebulizer solutions. Dunn AM, et al. **Br J Dis Chest** 1985 Apr;79(2):172-6

Prolymphocytic leukemia treated by leukapheresis with relief of respiratory symptoms [letter] Shoaf F, et al. **Br J Haematol** 1985 Aug;60(4):766-8

Captopril and domiciliary oxygen in chronic airflow obstruction. Burke CM, et al. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1251

Effect of 26% oxygen breathing on ventilation and perfusion distribution in patients with cold. Castaing Y, et al. **Bull Eur Physiopathol Respir** 1985 Jan-Feb;21(1):17-23

High frequency chest wall compression and carbon dioxide elimination in obstructed dogs. Gross D, et al. **Bull Eur Physiopathol Respir** 1984 Nov-Dec;20(6):507-11

Recent advances in the management of obstructive airways disease. Miami, Florida, February 1-2, 1985. **Chest** 1985 Aug;88(2 Suppl):75S-170S

Demand and continuous flow intermittent mandatory ventilation systems. Christopher KL, et al. **Chest** 1985 May;87(5):625-30

Long-term home oxygen therapy. Flenley DC. **Chest** 1985 Jan;87(1):99-103

A demand valve conserves oxygen in subjects with chronic obstructive pulmonary disease. Mecikalski M, et al. **Chest** 1984 Nov;86(5):667-70

Mechanical vibration and conventional chest physiotherapy in outpatients with stable chronic obstructive lung disease. Mohsenifar Z, et al. **Chest** 1985 Apr;87(4):483-5

Respiratory muscle training [letter] Sonne LJ. **Chest** 1984 Dec;86(6):939-40

Helium-oxygen breathing in severe chronic obstructive pulmonary disease. Swidwa DM, et al. **Chest** 1985 Jun;87(6):790-5

A new pendant storage oxygen-conserving nasal cannula. Tiep BL, et al. **Chest** 1985 Mar;87(3):381-3

Hypercapnic acidosis induced by nutrition in mechanically ventilated patients: glucose versus fat. Herve P, et al. **Crit Care Med** 1985 Jul;13(7):537-40

Acute hemodynamic effects of controlled oxygen therapy in decompensated chronic obstructive pulmonary disease. Lejeune P, et al. **Crit Care Med** 1984 Dec;12(12):1032-5

Review of the status of intermittent positive pressure breathing therapy. Gonzalez ER, et al. **Drug Intell Clin Pharm** 1984 Dec;18(12):974-6 (24 ref.)

Relieving dyspnea with an inexpensive and simple method in patients with severe chronic airflow limitation. Falk P, et al. **Eur J Respir Dis** 1985 Mar;66(3):181-6

Managing chronic airflow obstruction: Part I. Ostrow DN. **Geriatrics** 1985 Feb;40(2):45-8 (5 ref.)

Managing chronic airflow obstruction: Part II. Ostrow DN. **Geriatrics** 1985 Mar;40(3):51-3 ,56, 59 passim

Specific efficacy expectations mediate exercise compliance in patients with COPD. Kaplan RM, et al. **Health Psychol** 1984;3(3):223-42

Long-term domiciliary oxygen therapy [editorial] **Lancet** 1985 Aug 17;2(8451):365-7

Prevalence of hypoxaemic chronic obstructive lung disease with reference to long-term oxygen therapy. Williams BT, et al. **Lancet** 1985 Aug 17;2(8451):369-72

The application of muscle endurance training techniques to the respiratory muscles in COPD. Aldrich TK. **Lung** 1985;163(1):15-22 (43 ref.)

An inspiration-triggered delivery system for oxygen therapy via a nasal cannula. Krause PC, et al. **Med Instrum** 1985 Jul-Aug;19(4):179-83

The therapeutic value of singing [letter] Bolger EP, et al. **N Engl J Med** 1984 Dec 27;311(26):1704

[Hypophosphoremia during mechanical ventilation for chronic obstructive bronchopathies] Squara P, et al. **Presse Med** 1985 Jun 1;14(22):1225-8 (Eng. Abstr.) **(Fre)**

[Mechanical ventilation in acute decompensation in chronic obstructive bronchopneumopathy] Chevrolet JC. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):178-81 (Eng. Abstr.) **(Fre)**

[Efficacy and observation of treatment within the framework of an association for home respiratory assistance (letter)] Bonnaud F, et al. **Therapie** 1985 Jul-Aug;40(4):264-5 **(Fre)**

[Oxygen treatment in obstructive lung disease] Ferlinz R. **Dtsch Med Wochenschr** 1984 Sep 14;109(37):1425-6 **(Ger)**

[Chronic obstructive bronchopneumopathy in medical practice] Ferlinz R. **Internist (Berlin)** 1985 Apr;26(4):213-20 **(Ger)**

[Trainability of respiratory muscles in patients with obstructive respiratory tract diseases] Worth H, et al. **Prax Klin Pneumol** 1985 Jul;39(7):226-32 (Eng. Abstr.) **(Ger)**

[Oxygen home therapy in chronic respiratory insufficiency. Report of experience with 70 patients] Keller R, et al. **Schweiz Med Wochenschr** 1985 Mar 9;115(10):334-41 (Eng. Abstr.) **(Ger)**

[New perspectives in oxygen therapy of chronic obstructive bronchopneumopathies] Cresci F, et al. **Clin Ter** 1984 Jul 15;110(1):1-21 (120 ref.) (Eng. Abstr.) **(Ita)**

[An evaluation of intermittent mandatory ventilation therapy using diaphragm pacing for chronic obstructive pulmonary disease] Kido T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):584-8 (Eng. Abstr.) **(Jpn)**

[Oxygen therapy of patients with chronic obstructive bronchitis and pulmonary emphysema (review of the foreign literature)] Chuchalin AG, et al. **Klin Med (Mosk)** 1984 Dec;62(12):8-14 (26 ref.) **(Rus)**

[New methods of immunocorrective therapy of various diseases of the internal organs] Miterev IuG. **Klin Med (Mosk)** 1984 Jul;62(7):3-10 **(Rus)**

[Autologous macrophages in the combined therapy of patients with chronic obstructive lung diseases] Chuchalin AG, et al. **Sov Med** 1984;(11):31-4 (Eng. Abstr.) **(Rus)**

[Limits of respiratory resuscitation (editorial)] Estopà i Miró R. **Med Clin (Barc)** 1984 Jun 2;83(1):19-20 **(Spa)**

[Inspiratory muscle training in patients with chronic airflow limitation] Moreno R, et al. **Rev Med Chil** 1983 Jul;111(7):647-53 (Eng. Abstr.) **(Spa)**

VETERINARY

Pharmacokinetic disposition of theophylline in horses after intravenous administration. Kowalczyk DF, et al. **Am J Vet Res** 1984 Nov;45(11):2272-5

[Analysis of a variance model for the evaluation of circadian rhythms of lung function in the horse] Stadler P, et al. **DTW** 1985 Feb 7;92(2):44-6 (Eng. Abstr.) **(Ger)**

LUNG DISEASES, PARASITIC

[Round table on intrathoracic echinococcosis] **Ann Chir** 1983 Mar;37(2):73-121 **(Fre)**

COMPLICATIONS

Probable pulmonary anisakiasis accompanying pleural effusion. Kobayashi A, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):310-3

Unusual pulmonary infection in a puzzling presentation of AIDS [letter] Tourani JM, et al. **Lancet** 1985 Apr 27;1(8435):989

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case no. 4 - 1984. Major pulmonary arterial hypertension in a 40 year-old woman] Vedel J, et al. **Ann Med Interne (Paris)** 1984;135(6):473-81 **(Fre)**

DIAGNOSIS

Application of different Paragonimus antigens to immunodiagnosis of human lung fluke infection. Knobloch J. **Arzneimittelforsch** 1984;34(9B):1208-10

Human pulmonary dirofilariasis with special reference to the ELISA for the diagnosis and follow-up study. Sato M, et al. **Z Parasitenkd** 1985;71(4):561-3

[Bilharziasis as the cause of incapacitating pulmonary disease] Backer NV, et al. **Ugeskr Laeger** 1984 Jul 16;146(29):2163-4 (Eng. Abstr.) **(Dan)**

[A case of acquired pulmonary toxoplasmosis] Bednarski Z, et al. **Pneumonol Pol** 1985 Feb;53(2):91-4 (Eng. Abstr.) **(Pol)**

DRUG THERAPY

Paragonimiasis: diagnosis and the use of praziquantel in treatment. Johnson RJ, et al. **Rev Infect Dis** 1985 Mar-Apr;7(2):200-6

ETIOLOGY

Amebiasis presenting as pleuropulmonary disease. Kubitschek KR, et al. **West J Med** 1985 Feb;142(2):203-7

IMMUNOLOGY

Multinucleate giant cells in murine and rat lungs during Nippostrongylus brasiliensis infections. A study of the kinetics of the response in vivo, cytochemistry, IgG- and C3-mediated functions. Egwang TG, et al. **Parasite Immunol** 1985 Jan;7(1):11-8

OCCURRENCE

[Endemic pulmonary paragonimiasis in Lower Mundani (Fontem district of southwest Cameroon). Results of treatment with praziquantel] Sam-Abbenyi A. **Bull Soc Pathol Exot Filiales** 1985;78(3):334–41 (Eng. Abstr.) (Fre)

[Human pulmonary dirofilariasis: a case in Italy] Pampiglione S, et al. **Pathologica** 1984 Sep–Oct;76(1045):565–72 (Eng. Abstr.) (Ita)

PARASITOLOGY

Pathology of the migration phase of Taenia hydatigena (Pallas, 1766) larvae. Blažek K, et al. **Folia Parasitol (Praha)** 1985;32(2):127–37

Pulmonary trichomoniasis and Trichomonas tenax. Hersh SM. **J Med Microbiol** 1985 Aug;20(1):1–10 (63 ref.)

PATHOLOGY

Human pulmonary dirofilariasis. Report of three cases and brief review of the literature. Kochar AS. **Am J Clin Pathol** 1985 Jul;84(1):19–23

[Effects of pyquiton on pulmonary S. japonicum egg granulomas in sensitized mice] Yang YQ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun;6(3):217–20 (Eng. Abstr.) (Chi)

[Fatal pulmonary infection caused by Lagochilascaris sp., probably Lagochilascaris minor Leiper, 1909] Moraes MA, et al. **Rev Inst Med Trop Sao Paulo** 1985 Jan–Feb;27(1):46–52 (Eng. Abstr.) (Por)

RADIOGRAPHY

Small nodular pattern in the lungs due to opportunistic toxoplasmosis. Prosmanne O, et al. **J Can Assoc Radiol** 1984 Jun;35(2):186–8

Diagnostic imaging in parasitic infections. Palmer PE. **Pediatr Clin North Am** 1985 Aug;32(4):1019–40 (46 ref.)

[An analysis of radiologic signs of typical pulmonary calcification in 8 cases of paragonimiasis] Chen SZ. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):128–30 (Eng. Abstr.) (Chi)

VETERINARY

Longitudinal study of the effects of lungworm infection on bovine pulmonary function. Lekeux P, et al. **Am J Vet Res** 1985 Jun;46(6):1392–5

Parasites in lungs of dead equids in Kentucky: emphasis on Dictyocaulus arnfieldi. Lyons ET, et al. **Am J Vet Res** 1985 Apr;46(4):924–7

Physiological effects of experimental verminous bronchitis in Friesian calves. Lekeux P, et al. **Can J Comp Med** 1985 Apr;49(2):205–7

Sebekiosis in captive alligator hatchlings. Boyce W, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1419–20

Angiostrongylosis in a greyhound. Williams JF, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1101–3

Treatment of pulmonary acariasis in rhesus macaques with ivermectin. Joseph BE, et al. **Lab Anim Sci** 1984 Aug;34(4):360–4

Diagnostic exercise: pulmonary parasites in a dog. Shalev M, et al. **Lab Anim Sci** 1985 Apr;35(2):159–61

Metacestode of Taenia hydatigena recorded in Malaysia [letter] Chooi KF, et al. **Vet Rec** 1985 Jan 5;116(1):27

Filaroides hirthi in a British bred beagle dog. Spencer A, et al. **Vet Rec** 1985 Jul 6;117(1):8–10

LUNG NEOPLASMS

Whole brain irradiation for metastases from lung carcinoma. A clinical investigation. Chatani M, et al. **Acta Radiol [Oncol]** 1985 Jul–Aug;24(4):311–4

Diabetes insipidus from metastatic oat cell carcinoma: recovery after brain irradiation. Noseda A, et al. **Am J Med Sci** 1985 Jan;289(1):27–30

Malignant small cell tumor of the thoracopulmonary region in childhood: a case report. Scotta MS, et al. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):459–62

Carcinoma of the lung in patients under 40 years of age. Larrieu AJ, et al. **Am J Surg** 1985 May;149(5):602–5

Emergency subxiphoid pericardial decompression for malignant pericardial effusion. Osuch JR, et al. **Am Surg** 1985 Jun;51(6):298–300

Pancreatitis and diabetes mellitus with metastatic pulmonary oat-cell carcinoma [letter] Schmitt JK. **Ann Intern Med** 1985 Oct;103(4):638–9

Bronchogenic carcinoma presenting as an injured thumb. Cross AB. **Arch Emerg Med** 1985 Jun;2(2):93–6

Answering the relatives of lung cancer patients. Jones JS. **Br J Dis Chest** 1984 Oct;78(4):388–91

Lung cancer following therapy for Hodgkin's disease. Oliphant L, et al. **Can Med Assoc J** 1985 Mar 1;132(5):533–5

Surgical treatment of single brain metastases from non-small-cell lung cancer. Sundaresan N, et al. **Cancer Invest** 1985;3(2):107–13

Should OHT compete with CT to stage the mediastinum noninvasively in lung cancer? [editorial] Faling LJ. **Chest** 1984 Oct;86(4):509–10

Bronchogenic carcinoma in Kenyatta National Hospital Nairobi, Kenya 1976–1983. Aluoch JA, et al. **East Afr Med J** 1984 Dec;61(12):925–30

Adenocarcinoma of the lung presenting with pericardial tamponade: report of a case and review of the literature. Gilbert I, et al. **Heart Lung** 1985 Jan;14(1):83–7

Gastric perforation secondary to metastatic bronchogenic carcinoma. Schmidt G, et al. **Hepatogastroenterology** 1985 Apr;32(2):103–5

Ileal metastasis from a primary lung tumour [letter] Wig JD, et al. **Indian J Gastroenterol** 1984 Jul;3(3):179–80

Primary lymphoblastic lymphosarcoma of the lung. Banerjee A, et al. **Indian Pediatr** 1984 Sep;21(9):738–40

Secondary carcinoma simulating a pulp infection. Moss AL. **Injury** 1984 Nov;16(3):196–7

Improving specificity of computed tomography in diagnosis of malignant mediastinal lymph nodes. Feigin DS, et al. **J Comput Tomogr** 1985 Jan;9(1):21–32

Prophylactic cranial irradiation in small-cell lung cancer [letter] Hoskin PJ, et al. **Lancet** 1985 Apr 20;1(8434):928

Benign fibrous tumors of lung: a brief review and review of five cases. Potts C, et al. **Nebr Med J** 1984 Sep;69(9):291–4

The management of non-small cell lung cancer. Harrison AC. **NZ Med J** 1985 Mar 13;98(774):142–4

Three decades of lung cancer in Christchurch. Thompson HT, et al. **NZ Med J** 1985 Feb 13;98(772):61–4

Jejunal perforation secondary to metastatic bronchogenic carcinoma. Quayle AR, et al. **Postgrad Med J** 1985 Feb;61(712):163–5

Small cell lung cancer. **Recent Results Cancer Res** 1985;97:1–166

Primary pulmonary leiomyosarcoma. Review of the literature and report of a case. Møller Pedersen V, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):251–4

Case report 284. Osteolytic cortical metastasis in the femur from bronchogenic carcinoma. Greenspan A, et al. **Skeletal Radiol** 1984;12(2):146–50

Oat cell carcinoma of lung masquerading as prostatic carcinoma. Hodge GB Jr, et al. **Urology** 1985 Jan;25(1):69–70

Cellular immune response to metastatic brain tumor. Whitten CA Jr, et al. **Va Med** 1984 Sep;111(9):569–71

[Prospective study of lung cancer in hospitalized patients. I. Basic data on 618 patients] Polák J. **Cas Lek Cesk** 1985 Aug 2;124(31):977–81 (Eng. Abstr.) (Cze)

[Diagnosis and surgical treatment of lung cancer] Simek J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(1):5–79 (Eng. Abstr.) (Cze)

[Case of multiple spinal cord metastases] Tondeur M, et al. **Rev Med Brux** 1985 Feb;6(2):71–9 (Eng. Abstr.) (Fre)

[Ileal perforation caused by metastasis of bronchogenic carcinoma] Nicolosi A, et al. **Minerva Chir** 1985 Apr 30;40(8):567–70 (Eng. Abstr.) (Ita)

[Neoplasm metastases to the central nervous system simulating tuberculous meningitis. Description of 4 cases] Korniluk S, et al. **Pneumonol Pol** 1984 Jun;52(6):273–8 (Eng. Abstr.) (Pol)

[Itsenko-Cushing syndrome in lung cancer] Rubaĭ IN, et al. **Klin Med (Mosk)** 1984 Dec;62(12):94–5 (Rus)

[Realization of the research target program on the problem of 'lung cancer' in the RSFSR] Chissov VI, et al. **Sov Med** 1984;(12):71–5 (Rus)

[Primary leiomyosarcoma of the lung] Sikimić S, et al. **Vojnosanit Pregl** 1985 Mar–Apr;42(2):138–41 (Scr)

[Meningeal carcinomatosis] Cobo Reinoso ME, et al. **Rev Clin Esp** 1985 Feb;176(2):77–81 (Eng. Abstr.) (Spa)

[Cancer of the lung (I). Epidemiology. Clinical aspects. Radiology] Marín Trigo JM, et al. **Rev Clin Esp** 1985 Mar;176(5):237–42 (Eng. Abstr.) (Spa)

[Cancer of the lung (II). Diagnosis. Classification. Surgical treatment] Marín Trigo JM, et al. **Rev Clin Esp** 1985 Mar;176(5):243–7 (Eng. Abstr.) (Spa)

[Current developments in clinical lung cancer research] Nöu E. **Nord Med** 1985;100(4):107–10 (Eng. Abstr.) (Swe)

ANALYSIS

Immunocytochemical localization of the surfactant apoprotein and Clara cell antigen in chemically induced and naturally occurring pulmonary neoplasms of mice. Ward JM, et al. **Am J Pathol** 1985 Mar;118(3):493–9

Bronchial lavage proteins as correlates of histopathologic airway changes in healthy smokers and patients with pulmonary carcinoma. Merrill WW, et al. **Am Rev Respir Dis** 1984 Nov;130(5):905–9

Immunohistochemical studies of keratin in human bronchus and lung tumors. Wilson TS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):621–8

Neural markers in carcinoma of the lung. Dhillon AP, et al. **Br J Cancer** 1985 May;51(5):645–52

Quantitative x ray microanalysis of pulmonary mineral particles in a patient with pneumoconiosis and two primary lung tumours. Anttila S, et al. **Br J Ind Med** 1984 Nov;41(4):468–73

Sclerosing hemangioma of the lung. Immunohistochemical characterization of its origin as related to surfactant apoprotein. Nagata N, et al. **Cancer** 1985 Jan 1;55(1):116–23

Steroid receptors in human lung cancer. Beattie CW, et al. **Cancer Res** 1985 Sep;45(9):4206–14

Mineral particles, mineral fibers, and lung cancer. Churg A, et al. **Environ Res** 1985 Aug;37(2):364–72

Sialosyllactotetraosylceramide, a novel ganglioside antigen detected in human carcinomas by a monoclonal antibody. Nilsson O, et al. **FEBS Lett** 1985 Mar 25;182(2):398–402

Purification of thiol protease inhibitor from human lung cancer tissue. Okumichi T, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):801–8

Immunoreactive neuron-specific enolase, bombesin, and chromogranin as markers for neuroendocrine lung tumors. Said JW, et al. **Hum Pathol** 1985 Mar;16(3):236–40

In vitro studies in small cell lung cancer cell lines. Gropp C, et al. **Recent Results Cancer Res** 1985;97:55–64

[A report on the 5-HT content of lung tissue in bronchogenic carcinoma, carcinoid and non-carcinomatous lesions] Jiang XF. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):349–51, 383 (Eng. Abstr.) (Chi)

[Bronchogenic carcinoma and ectopic hormones] Wang MQ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):178–81 (Chi)

[Immunohistochemical findings in intrathoracic tumors. III. Detection of carcinoembryonic antigen in tumor tissue] Eckert H, et al. **Z Erkr Atmungsorgane** 1984;163(1):54–60 (Eng. Abstr.) (Ger)

[Nuclear DNA content of small cell carcinoma of the lung and its relationship to clinical behavior] Abe S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):861–7 (Eng. Abstr.) (Jpn)

BLOOD

Serum growth hormone in patients with carcinoid tumours; basal levels and response to glucose and thyrotrophin releasing hormone. Oberg K, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):13–8

Nonsuppression of ACTH in lung cancer [letter] Brophy MH, et al. **Biol Psychiatry** 1985 May;20(5):584

Human colony-stimulating activity-producing tumor: production of very low mouse-active colony-stimulating activity and induction of marked granulocytosis in mice. Ikeda K, et al. **Cancer Res** 1985 Sep;45(9):4144–9

Sedimentation rate, leucocytes, platelet count and haemoglobin in bronchial carcinoma: an epidemiological study. Gislason T, et al. **Eur J Respir Dis** 1985 Feb;66(2):141–6

Inhibition of erythroid colony growth in vitro by serum from patients with disseminated bronchial cancer. Kaaba SA, et al. **Exp Hematol** 1984 Sep;12(8):641–4

Circulating hormones in lung cancer. Behera D, et al. **Indian J Med Res** 1984 May;79:636–40

Serum vitamin 'A' in bronchogenic carcinoma. Jain NC, et al. **J Assoc Physicians India** 1984 Jun;32(6):485–6

Identification of 1,24(R)-dihydroxyvitamin D3-like bone-resorbing lipid in a patient with cancer-associated hypercalcemia. Shigeno C, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):761–8

Bronchogenic carcinoma and hypercalcemia. Lueg MC, et al. **J La State Med Soc** 1985 May;137(5):66–70

Circulating T cell subsets in the Lambert-Eaton myasthenic syndrome. Robb SA, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):501–5

Clinical usefulness of serum ferritin measurements in lung cancer patients. Volpino P, et al. **J Nucl Med Allied Sci** 1984 Jan–Mar;28(1):27–30

Adrenocorticotropin, calcitonin, and antidiuretic hormone as tumor markers in patients with bronchogenic carcinoma of various histological types. Winkelmann W, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1018–24

Vitamin A (retinol) level in colon and lung cancer patient sera. Sawicki J, et al. **Neoplasma** 1985;32(2):225–7

Peripheral blood reconstitution [letter] Abrams RA. **Transfusion** 1985 Jan–Feb;25(1):87–8

[Tumor markers (alpha 2-macroglobulin, secretory immunoglobulin A, pregnancy-associated alpha 2-glycoprotein) in the serum of patients with bronchial carcinoma] Briese V, et al. **Arch Geschwulstforsch** 1984;54(5):391–8 (Eng. Abstr.) (Ger)

[Analysis of human sera obtained from lung cancer patients by two-dimensional electrophoresis after schizophyllan (SPG) treatment] Akima K, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1278–85 (Eng. Abstr.) (Jpn)

[Changes of platelet aggregation, serum thromboxane and prostacyclin in lung cancer and pulmonary metastatic patients following operation] Takeda H, et al. **Kyobu Geka** 1984 Sep;37(10):773–7 (Eng. Abstr.) (Jpn)

[Lung cancer with an increase in macrophages displaying marked hemophagocytosis in the bone marrow] Narumi S, et al. **Rinsho Ketsueki** 1985 Jan;26(1):58–62 (Eng. Abstr.) (Jpn)

[Serum glycoprotein levels in patients with primary lung cancer] Krzyżaniak J, et al. **Pneumonol Pol** 1984 Aug;52(8):377–80 (Eng. Abstr.) (Pol)

[Detection of chalones produced by a primary tumor in the blood of mice with Lewis carcinoma] Sopotsinskaia EB, et al. **Eksp Onkol** 1984;6(3):42–4 (Eng. Abstr.) (Rus)

[Antiproteolytic activity of serum in patients with chronic pneumonia and lung cancer] Bugai BG. **Klin Med (Mosk)** 1984 Dec;62(12):61–3 (Eng. Abstr.) (Rus)

[Informative value of the erythrocyte sedimentation rate] Karabanov GN. **Klin Med (Mosk)** 1984 Jul;62(7):65–8 (Eng. Abstr.) (Rus)

[Relation of blood lipids and insulin to body fat content, body surface area and state of the subcutaneous fatty tissue in patients with breast and lung cancer] Bershtein LM, et al. **Vopr Onkol** 1985;31(1):44–51 (Eng. Abstr.) (Rus)

[Significance and clinical value of acute-phase reactants in bronchopulmonary cancer] Antona Gómez JM, et al. **Rev Clin Esp** 1984 Oct 31;175(2):87–92 (Eng. Abstr.) (Spa)

BLOOD SUPPLY

Vascular structure of the C3H mammary carcinoma, the B16 melanoma and the Lewis lung carcinoma in syngeneic, conventional mice and congenitally athymic mice. Solesvik OV, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):499–505

[Studies on the vascular stereo-structure and blood capillary ultrastructure in lung cancer tissue] Li SX. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):106–8 (Eng. Abstr.) **(Chi)**

CEREBROSPINAL FLUID

Cerebrospinal fluid vasopressin as a marker of central nervous system metastases from small-cell bronchogenic carcinoma. Pedersen AG, et al. **J Clin Oncol** 1985 Jan;3(1):48–53

CHEMICALLY INDUCED

Chromium-induced pulmonary cancer. Report of a case and a review of the literature. Kim S, et al. **Acta Pathol Jpn** 1985 May;35(3):643–54

A family of epidermoid lung cancer models. Benfield JR, et al. **Ann Thorac Surg** 1984 Dec;38(6):627–32

Enhancement of urethan-induced adenoma formation in Swiss mice exposed to methylmercury. Blakley BR. **Can J Comp Med** 1984 Jul;48(3):299–302

Occupation and lung cancer risk. An analysis by histologic subtypes. Vena JE, et al. **Cancer** 1985 Aug 15;56(4):910–7

Carcinogenic activity of acrylamide in the skin and lung of Swiss-ICR mice. Bull RJ, et al. **Cancer Lett** 1984 Sep;24(2):209–12

On the pulmonary tumorigenicity of arsenic trisulfide and calcium arsenate in hamsters. Pershagen G, et al. **Cancer Lett** 1985 May;27(1):99–104

Enhancement of N-bis(2-hydroxypropyl)nitrosamine-initiated lung tumor development in rats by bleomycin and N-methyl-N-nitrosourethane. Shirai T, et al. **Cancer Lett** 1984 Nov;25(1):25–31

Comparative study on the carcinogenicity of N-nitrosodiethylamine and benzo[a]pyrene to the lung of Syrian golden hamsters induced by intermittent instillations to the trachea. Yamamoto A, et al. **Cancer Lett** 1985 Jan;25(3):271–6

NMU-1, a new transplantable mouse lung tumor: biological and chemosensitivity properties in vivo. Pratesi G, et al. **Cancer Treat Rep** 1985 Feb;69(2):219–21

Enhancement of lung tumor formation in mice. Witschi HP. **Carcinog Compr Surv** 1985;8:147–58

Fetal mouse susceptibility to transplacental lung and liver carcinogenesis by 3-methylcholanthrene: positive correlation with responsiveness to inducers of aromatic hydrocarbon metabolism. Anderson LM, et al. **Carcinogenesis** 1985 Sep;6(9):1389–93

Tumorigenicity and metabolism of 1-nitropyrene in A/J mice. El-Bayoumy K, et al. **Carcinogenesis** 1984 Nov;5(11):1449–52

6-Nitrochrysene is a potent tumorigen in newborn mice. Busby WF Jr, et al. **Carcinogenesis** 1985 May;6(5):801–3

Tumorigenicity of fluoranthene in a newborn mouse lung adenoma bioassay. Busby WF Jr, et al. **Carcinogenesis** 1984 Oct;5(10):1311–6

Effect of ellagic acid and hydroxylated flavonoids on the tumorigenicity of benzo[a]pyrene and (+/-)-7 beta, 8 alpha-dihydroxy-9 alpha, 10 alpha-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene on mouse skin and in the newborn mouse. Chang RL, et al. **Carcinogenesis** 1985 Aug;6(8):1127–33

Effect of subsequent treatment of chloroform or phenobarbital on the incidence of liver and lung tumors initiated by ethylnitrosourea in 15 day old mice. Pereira MA, et al. **Carcinogenesis** 1985 Feb;6(2):203–7

An ultrastructural study of the acute effects of 4-nitroquinoline 1-oxide on the hamster lung. Ito T. **Exp Mol Pathol** 1985 Apr;42(2):220–33

Butylated hydroxyanisole and lung tumor development in A/J mice. Witschi HR, et al. **Fundam Appl Toxicol** 1984 Oct;4(5):795–801

Lung carcinoma induction in Syrian golden hamsters by intratracheal instillation of 1,6-dinitropyrene. Takayama S, et al. **Gann** 1985 Jun;76(6):457–61

Amiodarone lung toxicity: a human and experimental study. Costa-Jussà FR, et al. **J Pathol** 1984 Oct;144(2):73–9

Bacterial and mammalian cell mutagenesis, sister-chromatid exchange, and mouse lung adenoma bioassay with the antineoplastic acridine derivative amsacrine. de la Iglesia FA, et al. **J Toxicol Environ Health** 1984;14(5–6):667–81

Hepatic angiosarcoma and bronchioloalveolar carcinoma induced by Fowler's solution. Kasper ML, et al. **JAMA** 1984 Dec 28;252(24):3407–8

Application of a job-exposure matrix to a case-control study of lung cancer. Hinds MW, et al. **JNCI** 1985 Aug;75(2):193–7

Pharmacologic and genetic studies on the modulatory effects of butylated hydroxytoluene on mouse lung adenoma formation. Malkinson AM, et al. **JNCI** 1984 Oct;73(4):925–33

Mortality among a cohort of U.S. cadmium production workers--an update. Thun MJ, et al. **JNCI** 1985 Feb;74(2):325–33

Chloromethylation: three lung cancer deaths in young men [letter] Roe FJ. **Lancet** 1985 Aug 3;2(8449):268

Induction of tumors and malformations in mice after prenatal treatment with some antibiotic drugs. Nomura T, et al. **Med J Osaka Univ** 1984 Sep;35(1–2):13–7

Discrepancy between epidemiological evidence and animal experimental result. Ishinihsi N, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:109–16

Epidemiological approach to nickel carcinogenicity--uses and limitation. Norseth T. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:67–74 (27 ref.)

Cancer incidence among workers exposed to radon and thoron daughters at a niobium mine. Solli HM, et al. **Scand J Work Environ Health** 1985 Feb;11(1):7–13

Pulmonary response of rats exposed to titanium dioxide (TiO2) by inhalation for two years. Lee KP, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):179–92

Consideration of the mechanism of pulmonary adenogenesis in urethane-treated Swiss mice. Sichak SP, et al. **Toxicol Appl Pharmacol** 1984 Dec;76(3):397–402

Metabolic basis for the pulmonary Clara cell as a target for pulmonary carcinogenesis. Boyd MR, et al. **Toxicol Pathol** 1984;12(1):56–61 (18 ref.)

Short- and long-term studies on chemical carcinogenesis in BALB/Mo mice. Chieco-Bianchi L, et al. **Toxicol Pathol** 1984;12(4):361–8

[Pathogenesis of human cancer development due to environmental factors] Kanisawa M. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1445–56 (Eng. Abstr.) **(Jpn)**

[Early cancer and related changes in the bronchial epithelium of former mustard gas workers] Tokuoka S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):708–13 (Eng. Abstr.) **(Jpn)**

[Experimental lung cancer induced by chemical carcinogens and immunity] Hirao F, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):46–50 (Eng. Abstr.) **(Jpn)**

[Carcinogenic effect of N-nitrosodimethylamine after application to rat skin] Benemanskii VV, et al. **Eksp Onkol** 1985;7(2):20–1 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

The prognostic significance of histologic subtyping in small cell carcinoma of the lung. Choi H, et al. **Am J Clin Oncol** 1984 Oct;7(5):389–97

Chemotherapy for small cell lung neoplasms [letter] Ibrahim N, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):713

Histologic type of lung cancer and asbestos exposure. Auerbach O, et al. **Cancer** 1984 Dec 15;54(12):3017–21

A new classification of lung cancer from a nucleomedical viewpoint using quantitative 201T1 and 67Ga scans in relation to histological type. Togawa T. **Fukushima J Med Sci** 1984 Feb;30(1):39–61

Subclassification of small cell cancer of the lung: the Southeastern Cancer Study Group experience. Vollmer RT, et al. **Hum Pathol** 1985 Mar;16(3):247–52

Neuroendocrine neoplasms of the bronchopulmonary tract. A classification of the spectrum of carcinoid to small cell carcinoma and intervening variants. Warren WH, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):819–25

Classification of lung-cancer histology [letter] Yesner R. **N Engl J Med** 1985 Mar 7;312(10):652–3

Differential expression of intermediate filament proteins distinguishes classic from variant small-cell lung cancer cell lines. Broers JL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4409–13

A clinical statistical study of lung cancer patients in Japan with special reference to the staging system of TNM classification: a report from the Japan Joint Committee of Lung Cancer associated with the TNM System of Clinical Classification (UICC). Yoshimura K. **Radiat Med** 1983 Apr–Jun;1(2):186–95

[Ultrastructural classification of tumor cells (based on the example of human squamous cell lung cancer)] Raĭkhlin NT, et al. **Arkh Patol** 1984;46(8):3–13 (30 ref.) (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Systemic sclerosis, aplastic anemia and amyloidosis associated with lung carcinoma [letter] Focan C, et al. **Acta Clin Belg** 1985;40(3):204–5

Unsuspected strongyloides coexisting with adenocarcinoma of the lung. Gocek LA, et al. **Acta Cytol (Baltimore)** 1985 Jul–Aug;29(4):628–31

Lung cancer and chronic interstitial pneumonia associated with systemic sarcoidosis. Kuhara H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):199–211

Management of mediastinal compression due to bronchogenic carcinoma. Anand AK, et al. **Acta Radiol [Oncol]** 1985 May–Jun;24(3):233–5

Microangiopathic hemolytic anemia and pulmonary small-cell carcinoma [letter] Davis S, et al. **Ann Intern Med** 1985 Oct;103(4):638

Extrahepatic biliary obstruction caused by small-cell lung cancer. Johnson DH, et al. **Ann Intern Med** 1985 Apr;102(4):487–90

Kaposi's sarcoma causing pulmonary infiltrates and respiratory failure in the acquired immunodeficiency syndrome. Ognibene FP, et al. **Ann Intern Med** 1985 Apr;102(4):471–5

Oncogenic osteomalacia and inappropriate antidiuretic hormone secretion due to oat-cell carcinoma. Taylor HC, et al. **Ann Intern Med** 1984 Dec;101(6):786–8

Malignant superior vena cava obstruction reconsidered: the role of diagnostic surgical intervention. Little AG, et al. **Ann Thorac Surg** 1985 Sep;40(3):285–8

Erythema gyratum repens [letter] Levine LE, et al. **Arch Dermatol** 1985 Feb;121(2):170–1

Obstruction of the superior vena cava after chemotherapy. Sand JJ, et al. **Arch Intern Med** 1985 Feb;145(2):364–5

Ketoconazole. Use in the treatment of ectopic adrenocorticotropic hormone production and Cushing's syndrome in small-cell lung cancer. Shepherd FA, et al. **Arch Intern Med** 1985 May;145(5):863–4

Upper abdominal lymphadenopathy as first presentation of relapse, identified by ultrasonography, in patients treated for small cell (oat cell) bronchogenic carcinoma. Smith D, et al. **Br J Dis Chest** 1985 Apr;79(2):141–6

Air in the bones: multifocal anaerobic osteomyelitis associated with oat cell carcinoma. Philippe J, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):969

A model for malignancy-associated humoral hypercalcemia. Abramson EC, et al. **Calcif Tissue Int** 1984 Sep;36(5):563–7

Cis-platinum treatment for malignancy-associated humoral hypercalcemia in an athymic mouse model. Kukla LJ, et al. **Calcif Tissue Int** 1984 Sep;36(5):559–62

Metabolic abnormalities in the cancer patient. Heber D, et al. **Cancer** 1985 Jan 1;55(1 Suppl):225–9

Large cell carcinoma of the lung associated with marked eosinophilia. A case report. Kodama T, et al. **Cancer** 1984 Nov 15;54(10):2313–7

Occult pulmonary malignancy in syndrome of inappropriate ADH secretion with normal ADH levels. Cohen IM, et al. **Chest** 1984 Dec;86(6):929–31

Cardiac tamponade as the initial presentation of malignancy. Haskell RJ, et al. **Chest** 1985 Jul;88(1):70–3

Treatment of malignant pleural effusion. Reshad K, et al. **Chest** 1985 Sep;88(3):393–7

Arthritis of the elbow caused by metastatic bronchogenic carcinoma. Philipson JD, et al. **Clin Exp Rheumatol** 1983 Apr–Jun;1(2):165–9

The treatment of pathologic and impending pathologic fractures of the proximal femur in the elderly. Behr JT, et al. **Clin Orthop** 1985 Sep;(198):173–8

Treatment of cancer-associated hypercalcemia with mithramycin and oral etidronate disodium. Shevrin DH, et al. **Clin Pharm** 1985 Mar–Apr;4(2):204–5

A multi-systemic disease (lupus-like) preceding bronchioloalveolar carcinoma. Kraus A, et al. **Clin Rheumatol** 1985 Jun;4(2):192–5

Erythema gyratum repens with associated squamous cell carcinoma of the lung. Olsen TG, et al. **Cutis** 1984 Oct;34(4):351–3, 355

Depressive illness and lung cancer. I. Depression before diagnosis. Hughes JE. **Eur J Surg Oncol** 1985 Mar;11(1):15–20

Depressive illness and lung cancer. II. Follow-up of inoperable patients. Hughes JE. **Eur J Surg Oncol** 1985 Mar;11(1):21–4

Clinical management of superior vena cava syndrome. Varricchio C. **Heart Lung** 1985 Jul;14(4):411–6 (15 ref.)

Primary bronchogenic carcinoma associated with emphysematous giant bulla. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):577–84

Pleuritic pain, cough long after Hodgkin's. Musher DM, et al. **Hosp Pract [Off]** 1985 Jul 15;20(7):159, 162–3

'Unprovoked' respiratory distress in young adult. Wiener RS, et al. **Hosp Pract [Off]** 1985 Jun 15;20(6):110A, 110E–110F

Cardiac tamponade as the first manifestation of bronchogenic carcinoma. Van Schil P, et al. **Int Surg** 1985 Jan–Mar;70(1):75–7

Hypertrichosis lanuginosa acquisita associated with multiple malignancies [letter] Kassis V, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1106–7

Aetiopathogenesis of middle lobe syndrome--review of 27 cases. Sharma K, et al. **J Assoc Physicians India** 1984 Jun;32(6):481–3

Associated superior vena cava syndrome and pericardial effusion in bronchogenic carcinoma. Report of two cases. Olislagers-De Slegte RG, et al. **J Belge Radiol** 1984;67(2):121–7

Thrombotic thrombocytopenic purpura associated with small cell lung carcinoma. Riley MG, et al. **J Med Assoc Ga** 1985 Jul;74(7):498–501

Case report: bronchiolitis obliterans with multinodular lung densities and lymphoma. Cholankeril J, et al. **J Med Soc NJ** 1985 Jan;82(1):35–7

Acromegaly associated with suprasellar and pulmonary hemangiopericytomas. Case report. Yokota M, et al. **J Neurosurg** 1985 May;62(5):767–71

Cardiac tamponade in lung cancer. Gilkey S, et al. **J Surg Oncol** 1985 Apr;28(4):301–3 (8 ref.)

Systemic scleroderma and small cell carcinoma of the lung. Sarma DP, et al. **J Surg Oncol** 1985 May;29(1):28–30

Hemothorax associated with endometriosis. Wilkins SB, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):636–8

Lung cancer complicated by silicosis: a clinical and histopathological study. Tashiro T, et al. **Jpn J Med** 1985 Feb;24(1):3–7

Primary pulmonary leiomyosarcoma with digital clubbing and pleural effusion. Case report. Passamonte PM, et al. **Mo Med** 1984 Oct;81(10):667–8

Idiopathic pulmonary hemosiderosis and adenocarcinoma of the lung [letter] Kuhn MJ. **N Engl J Med** 1985 Feb 7;312(6):379

Metastatic small-cell carcinoma of the lung in a patient with

AIDS [letter] Nusbaum NJ. **N Engl J Med** 1985 Jun 27;312(26):1706

Surgical treatment of spinal cord compression in patients with lung cancer. Sundaresan N, et al. **Neurosurgery** 1985 Mar;16(3):350-6

Results up to death in the treatment of persistent cervico-thoracic (Pancoast) and thoracic malignant pain by unilateral percutaneous cervical cordotomy. Ischia S, et al. **Pain** 1985 Apr;21(4):339-55

Pulmonary polymorphic centroblastic type malignant lymphoma in a patient with lymphomatoid granulomatosis, Sjögren syndrome and other manifestations of a dysimmune state. Capron F, et al. **Pathol Res Pract** 1985 May;179(6):656-65

Acute pancreatitis in association with small cell lung carcinoma: potential pitfall in diagnosis and management. Allan SG, et al. **Postgrad Med J** 1985 Jul;61(717):643-4

Case report 297. Loosening of a total hip replacement caused by metastatic carcinoma (primary in the lung). Kernohan J, et al. **Skeletal Radiol** 1985;13(1):77-9

Insomnia in cancer patients. Silberfarb PM, et al. **Soc Sci Med** 1985;20(8):849-50

Adrenal insufficiency due to metastatic lung carcinoma and shown by abdominal CT scan. Payne DK, et al. **South Med J** 1984 Dec;77(12):1592-3

Pulmonary aspergillosis complicating bronchogenic carcinoma--a report of 2 cases. Tsai GL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Aug;83(8):862-8

Intralobar pulmonary sequestration of ectopic pancreatic tissue with gastropancreatic duplication. Corrin B, et al. **Thorax** 1985 Aug;40(8):637-8

Pulmonary infection with Mycobacterium gordonae in the presence of bronchial carcinoma. Clague H, et al. **Tubercle** 1985 Mar;66(1):61-3

Indomethacin therapy for hypertrophic pulmonary osteoarthropathy in patients with bronchogenic carcinoma. Leung FW, et al. **West J Med** 1985 Mar;142(3):345-7

[Oat cell lung cancer and limbic encephalitis] Sørensen K. **Ugeskr Laeger** 1984 May 21;146(21):1572 (Eng. Abstr.) **(Dan)**

[Fatal eosinophilic meningitis and bronchogenic carcinoma] Dellagi K, et al. **Ann Pathol** 1984 Dec;4(5):391-2 (Eng. Abstr.) **(Fre)**

[Alveolar cancer and localized parieto-alveolar fibrosis] Vincent M, et al. **Rev Mal Respir** 1984;1(5):289-93 (Eng. Abstr.) **(Fre)**

[Cardiac tamponade as the initial symptom of a cardiothoracic neoplasm. Study of 10 cases, role of radiotherapy] Burette R, et al. **Rev Med Liege** 1985 Jan 1;40(1):8-13 **(Fre)**

[Hypertrophic osteoarthropathy with gynecomastia and high levels of growth hormone in cancer of the lung. Apropos of a case treated with drugs inhibiting the secretion of growth hormone] Matucci Cerinic M. **Rev Rhum Mal Osteoartic** 1984 Jul-Sep;51(7-8):431-4 **(Fre)**

[Spontaneous pneumothorax and broncho-pulmonary cancer] Steinhäuslin CA, et al. **Schweiz Rundsch Med Prax** 1985 May 28;74(22):586-92 (Eng. Abstr.) **(Fre)**

[Eaton-Lambert myasthenic syndrome, subacute cortical cerebellar degeneration and somatosensory polyneuropathy in small cell bronchial cancer] König F, et al. **Nervenarzt** 1984 Aug;55(8):436-40 **(Ger)**

[A case from practice (33). Patient G.R., born 1-30-1910] Orfei R. **Schweiz Rundsch Med Prax** 1985 Feb 19;74(8):191-2 **(Ger)**

[Malignant immunoblastic lymphoma under a pneumolytic scar in pleural empyema] Luther R, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):399-402 (Eng. Abstr.) **(Ger)**

[A case report of multiple pulmonary hamartoma with spontaneous pneumothorax] Kitano M, et al. **Kyobu Geka** 1984 Aug;37(8):635-9 (Eng. Abstr.) **(Jpn)**

[An anesthetic experience with a patient with Eaton-Lambert syndrome] Kotani N, et al. **Masui** 1985 Apr;34(4):508-11 (Eng. Abstr.) **(Jpn)**

[A case of diffuse lung disease associated with lung cancer in a hard metal worker] Kusaka Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):804-8 (Eng. Abstr.) **(Jpn)**

[A case of Pancoast's syndrome induced by small cell carcinoma] Mizoguchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):800-3 (Eng. Abstr.) **(Jpn)**

[A case of cholesterol pneumonitis] Tashiro T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov;22(11):1046-50 (Eng. Abstr.) **(Jpn)**

[Involvement of IgG-IgG rheumatoid factor in immune complex-mediated membranous nephropathy in cancer (clear cell cancer and oat cell cancer) patients] Takase S, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):640-7 **(Jpn)**

[An autopsy case of carcinomatous subacute cerebellar degeneration--on distribution of cerebellar cortical lesions] Yagishita S, et al. **No To Shinkei** 1984 Jul;36(7):665-71 (Eng. Abstr.) **(Jpn)**

[An autopsy case of carcinomatous sensory neuropathy. The correlation between the morphometric findings of the primary sensory neuron and clinical findings] Ogawa M, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):307-13 (Eng. Abstr.) **(Jpn)**

[Pulmonary aspergillosis in lymphoproliferative disease] Zaleska J, et al. **Pneumonol Pol** 1984 May;52(5):257-63 (Eng. Abstr.) **(Pol)**

[Rare hematological changes in bronchogenic carcinoma] Przybyłowski J, et al. **Przegl Lek** 1984;41(9):587-9 **(Pol)**

[Effectiveness of special methods for preventing postoperative venous thromboembolic complications in elderly oncological patients] Nodel'son SE. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):55-8 (Eng. Abstr.) **(Rus)**

[Multiple cerebral infarctions as the 1st manifestation of systemic cancer (letter)] Bescansa E, et al. **Med Clin (Barc)** 1985 May 18;84(19):799-800 **(Spa)**

[Spontaneous pneumothorax as the initial manifestation of a bronchogenic carcinoma (letter)] Cameselle R, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):130-1 **(Spa)**

[Immunoblastic lymphoma and interstitial nephritis in Sjögren's syndrome] Cobo Reinoso ME, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):420-3 (Eng. Abstr.) **(Spa)**

[Polymyositis and pulmonary carcinoma (letter)] García Alegría JJ, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):561-2 **(Spa)**

[Extrahepatic obstructive jaundice as the 1st manifestation of bronchogenic carcinoma (letter)] Montalbán Gairín J, et al. **Med Clin (Barc)** 1985 Jun 8;85(2):83 **(Spa)**

[Spontaneous pneumothorax as the initial symptom of bronchogenic carcinoma] González Budiño T, et al. **Rev Clin Esp** 1985 Apr;176(7):362-4 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Abrasive bronchial brushing cytology. A preliminary study of 200 specimens for the diagnosis of neoplastic and nonneoplastic bronchopulmonary lesions. Shroff CP. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):101-7

The application of visual cell profiles in the study of premalignant atypias in sputum. Swank PR, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):373-8

Diagnosis and typing of lung carcinomas by cytopathologic methods. A review of 108 cases. Truong LD, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):379-84

Primary cytodiagnosis of synchronous small-cell cancer and squamous-cell carcinoma of the respiratory tract. Willett GD, et al. **Acta Cytol (Baltimore)** 1984 Sep-Oct;28(5):610-3

Imaging of the pulmonary hilum: a prospective comparative study in patients with lung cancer. Glazer GM, et al. **AJR** 1985 Aug;145(2):245-8

Magnetic resonance imaging of mediastinal and hilar masses: comparison with CT. Levitt RG, et al. **AJR** 1985 Jul;145(1):9-14

Simulated metastatic carcinoma after breast reconstruction. Argenta LC. **Am J Surg** 1985 Feb;149(2):299-300

Usefulness of tumor markers in serum and bronchoalveolar lavage of patients undergoing fiberoptic bronchoscopy. Goldstein N, et al. **Am Rev Respir Dis** 1985 Jul;132(1):60-4

Pseudotumor of the lung. Maples MD, et al. **Am Surg** 1985 Feb;51(2):84-8

Oat-cell carcinoma in transfusion-associated acquired immunodeficiency syndrome [letter] Moser RJ 3d, et al. **Ann Intern Med** 1985 Sep;103(3):478

Decision making at the time of exploratory thoracotomy [editorial] Fry WA. **Ann Thorac Surg** 1984 Oct;38(4):310-1

Cushing's syndrome produced by bronchial carcinoid associated with hypophyseal adenoma. Morán C, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):111-8 **(Eng, Spa)**

Raised pleural fluid amylase level as an aid in the diagnosis of adenocarcinoma of the lung. Buckler H, et al. **Br J Clin Pract** 1984 Oct;38(10):359-61, 371

Review of smooth muscle tumours of the lower respiratory tract. Yellin A, et al. **Br J Dis Chest** 1984 Oct;78(4):337-51 (122 ref.)

Diagnosis by bronchoalveolar lavage of cause of pulmonary infiltrates in haematological malignancies. Costabel U, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1041

Serum creatine kinase BB isoenzyme as a diagnostic aid in occult small cell lung cancer. Kurtz KJ, et al. **Cancer** 1985 Aug 1;56(3):562-6

Primary pulmonary lymphoma. A clinical and immunohistochemical study of six cases. Peterson H, et al. **Cancer** 1985 Aug 15;56(4):805-13

Problems in the diagnosis of small cell carcinoma of the lungs by fiberoptic bronchoscopy. Marchevsky AM, et al. **Cancer Detect Prev** 1984;7(4):253-60

Potential utility of serum neuron-specific enolase levels in small cell carcinoma of the lung. Johnson DH, et al. **Cancer Res** 1984 Nov;44(11):5409-14

Catamenial hemoptysis. New methods of diagnosis and therapy. Elliot DL, et al. **Chest** 1985 May;87(5):687-8

Bronchoalveolar lavage in lymphangitic spread of adenocarcinoma to the lung. Fedullo AJ, et al. **Chest** 1985 Jan;87(1):129-31

Pseudo-pseudo-pseudotumor of the lung. Louie S, et al. **Chest** 1985 Sep;88(3):470-1

Endobronchial tuberculosis simulating lung cancer. Matthews JI, et al. **Chest** 1984 Oct;86(4):642-4

Intracranial metastases in the initial staging of bronchogenic carcinoma. Mintz BJ, et al. **Chest** 1984 Dec;86(6):850-3

Potential false positive mediastinal transbronchial needle aspiration in bronchogenic carcinoma [letter] Schenk DA, et al. **Chest** 1984 Oct;86(4):649-50

Lateral position test and quantitative lung scan in the preoperative evaluation for lung resection. Schoonover GA, et al. **Chest** 1984 Dec;86(6):854-9

Rounded atelectasis or pleuroma? [letter] Sinner WN. **Chest** 1985 Aug;88(2):312-3

Early detection of lung cancer by means of hematoporphyrin derivative fluorescence and laser photoradiation. Kato H, et al. **Clin Chest Med** 1985 Jun;6(2):237-53

Bronchoalveolar lavage diagnosis of bronchiolo-alveolar carcinoma. Sestini P, et al. **Eur J Respir Dis** 1985 Jan;66(1):55-8

Bronchogenic carcinoma in the young adults, below the age of 35 yrs. Gupta RC, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):3-5

Bronchogenic carcinoma in the young [editorial] Pande JN. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):1-2

Use of antibodies to carcinoembryonic antigen and human milk fat globule to distinguish carcinoma, mesothelioma, and reactive mesothelium. Marshall RJ, et al. **J Clin Pathol** 1984 Nov;37(11):1215-21

A syndrome resembling limbic encephalitis, associated with bronchial carcinoma, but without neuropathological abnormality: a case report. Delsedime M, et al. **J Neurol** 1984;231(3):165-6

Extraneural metastasis of choriocarcinomatous element in pineal germ-cell tumor. Case report. Yoshida K, et al. **J Neurosurg** 1985 Sep;63(3):463-6

Immunostaining of neuron-specific enolase is a valuable aid to the cytological diagnosis of neuroendocrine tumours of the lung. Springall DR, et al. **J Pathol** 1984 Aug;143(4):259-65

Primary lymphosarcoma of the lung. Mok CK, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):57-60

Pulmonary pseudotumours. Jawad F. **JPMA** 1984 Oct;34(10):297-9

Magnetic resonance imaging of the chest: a diagnostic comparison with computed tomography and hilar tomography. Berquist TH, et al. **Magn Reson Imaging** 1984;2(4):315-27

Pulmonary carcinoid tumors: experience at one hospital for a 12-year period. Porter T, et al. **Nebr Med J** 1984 Nov;69(11):360-3

Pulmonary infarct incorrectly diagnosed as lung cancer. Shahar J, et al. **Nebr Med J** 1985 Aug;70(8):288-91

The diagnostic use of monoclonal antibodies against small cell lung carcinoma cells. De Leij L, et al. **Neth J Med** 1985;28(3):119-23

Carcinomatous involvement of the hilum and mediastinum: computed tomographic and magnetic resonance evaluation. Heelan RT, et al. **Radiology** 1985 Jul;156(1):111-5

Peripheral pulmonary lesions: ultrasonography and ultrasonically guided aspiration biopsy. Yang PC, et al. **Radiology** 1985 May;155(2):451-6

Possibilities and limitations of cytological diagnoses of small cell bronchogenic carcinoma. Atay Z. **Recent Results Cancer Res** 1985;97:25-36

Diagnostic procedures in small cell lung carcinoma. Drings P, et al. **Recent Results Cancer Res** 1985;97:87-106 (75 ref.)

Respiratory cytology: significance of 'suspect' results in a series of 435 patients. Caya JG, et al. **South Med J** 1985 Jun;78(6):701-3

Pulmonary pseudolymphoma. Kilgore TL, et al. **South Med J** 1984 Oct;77(10):1320-2

Parasellar metastases: four autopsied cases. Bitoh S, et al. **Surg Neurol** 1985 Jan;23(1):41-8

Cytophotometric measurements of nuclear DNA content of bronchogenic carcinomas. I. Diagnostic value on benign and malignant bronchial lesions. Kuo SH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):27-34

Neurone specific enolase: a useful diagnostic serum marker for small cell carcinoma of the lung. Esscher T, et al. **Thorax** 1985 Feb;40(2):85-90

Comparison of tumour markers in malignant mesothelioma and pulmonary adenocarcinoma. Gibbs AR, et al. **Thorax** 1985 Feb;40(2):91-5

Primary immunocytoma of the lung: the diagnostic value of bronchoalveolar lavage. Weynants P, et al. **Thorax** 1985 Jul;40(7):542-3

Severe pericarditis as a presenting sign of bronchogenic carcinoma. Danova M, et al. **Tumori** 1985 Feb 28;71(1):81-4

Localization, incidence, diagnosis and treatment of extratesticular germ cell tumors. Kühn MW, et al. **Urol Int** 1985;40(3):166-72

Kaposi's sarcoma presenting as homogeneous pulmonary infiltrates in a patient with acquired immunodeficiency syndrome. Rucker L, et al. **West J Med** 1985 Jun;142(6):831-3

Malignant mesothelioma. De Kraay WH. **Wis Med J** 1985 Feb;84(2):32-4

[Diagnosis and treatment of rare lung tumors] Kolarov I, et al. **Khirurgiia (Sofiia)** 1985;38(2):25-9 (Eng. Abstr.) **(Bul)**

[The value of the cellular concentration method by mechanically liquified sputum in the diagnosis of primary pulmonary carcinoma] Cai ZM. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):153-4, 191 (Eng. Abstr.) **(Chi)**

[Diffuse bronchio-alveolar carcinoma and hematogenous tuberculosis (analysis of 11 misdiagnosed cases)] Ge LX, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):352-3, 383 (Eng. Abstr.) **(Chi)**

[Bronchofiberscopy and pathologic findings in small cell lung cancer] Hu HC. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):31-3, 61-2 (Eng. Abstr.) **(Chi)**

[Humoral leukocyte adherence inhibition test in lung cancer] Wei HM. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):25-7, 61 (Eng. Abstr.) **(Chi)**

[Primary Hodgkin's disease of the lung: report of 2 cases] Xie BX. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):97-9, 127 (Eng. Abstr.) **(Chi)**

[Clinical study of 16 cases of inflammatory pseudotumor in the lung] Zhong BT. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):214-6 (Eng. Abstr.) **(Chi)**

[Primary pulmonary hemangiopericytoma. 12 cases] Leroy M, et al. **Ann Chir** 1985 Mar;39(2):127-30 (Eng. Abstr.) **(Fre)**

[Leiomyoma of the lung. Apropos of 5 cases] Salizzoni M, et al. **Ann Chir** 1985 Mar;39(2):131-4 (Eng. Abstr.) **(Fre)**

[Diagnosis of pulmonary hamartoma. Apropos of 50 cases] Ramirez-Chavez G, et al. **Ann Radiol (Paris)** 1985; 28(1):35-42 (Eng. Abstr.) **(Fre)**

[Ophthalmologic manifestations and panhypopituitarism in a pituitary metastasis disclosing bronchial cancer] Leys D, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):415-24 (Eng. Abstr.) **(Fre)**

[Cerebral metastases manifesting as bronchopulmonary carcinoma (small-cell cancers excluded). The surgeon's viewpoint] Boumghar M. **Schweiz Med Wochenschr** 1985 Mar 23;115(12):403-7 (Eng. Abstr.) **(Fre)**

[Contribution of flexible bronchoscopy to the diagnosis of bronchopulmonary cancer (apropos of 100 cases)] Ladjimi S, et al. **Tunis Med** 1983 May-Jun;61(3):171-8 (Eng. Abstr.) **(Fre)**

[Rigid or flexible bronchoscopy? (Comparative study of 120 cases of primary bronchopulmonary cancer)] Zegaya M, et al. **Tunis Med** 1983 Mar-Apr;61(2):105-10 (Eng. Abstr.) **(Fre)**

[Bronchiolo-alveolar carcinoma (apropos of 7 cases)] Zitouna M, et al. **Tunis Med** 1983 Mar-Apr;61(2):123-7 (Eng. Abstr.) **(Fre)**

[Pneumonia resembling a tumor] Otte W, et al. **Internist (Berlin)** 1985 Jan;26(1):46-9 **(Ger)**

[Controlled randomized clinical studies of the early detection of lung cancer. A review of 3 studies in the USA] Neumann G. **Prax Klin Pneumol** 1985 Jun;39(6):187-9 (8 ref.) **(Ger)**

[Initial findings with magnetic resonance tomography of mediastinal and hilar tumors] Steinbrich W, et al. **ROFO** 1984 Dec;141(6):629-35 (Eng. Abstr.) **(Ger)**

[Roentgen morphology and clinical picture of pulmonary hamartochondroma] Grabenwöger F, et al. **Rontgenblatter** 1985 Mar;38(3):72-6 (Eng. Abstr.) **(Ger)**

[Detection and monitoring of asbestos exposed persons in a district area] Hiller U, et al. **Z Arztl Fortbild (Jena)** 1984; 78(17):733-6 **(Ger)**

[Acquired disseminated papulous palmar keratoses--a paraneoplastic syndrome in cancers of the urinary bladder and lung?] Küchmeister B, et al. **Z Hautkr** 1984 Sep 1; 59(17):1123-4 **(Ger)**

[Clinically unsuspected bronchial carcinoma in selected autopsy material] Varwerk T, et al. **Zentralbl Allg Pathol** 1984;129(5):423-7 (Eng. Abstr.) **(Ger)**

[Study of surface markers on lymphocytes in the pleural fluid of cancer patients] di Matteo L, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):307-12 (Eng. Abstr.) **(Ita)**

[Pseudolymphoma of the lung: an interpretative doubt. Apropos of a case] Borgognone A, et al. **Minerva Chir** 1985 Jan 15-31;40(1-2):49-53 (Eng. Abstr.) **(Ita)**

[Fiber bronchoscopy in the diagnosis of bronchopulmonary tumors. Evaluation of the diagnostic efficacy of a cyto-histologic protocol in an ambulatory center] Marchisio U, et al. **Minerva Med** 1984 Sep 8;75(34):1921-7 (Eng. Abstr.) **(Ita)**

[Tumor markers in bronchial carcinoma. Parameters for early diagnosis, staging and treatment follow-up] Gropp C, et al. **Ric Clin Lab** 1984;14 Suppl 2:21-31 **(Ita)**

[Results of sputum cytology in bronchogenic carcinoma--a correlation with patient survival] Matsumura K, et al. **Gan No Rinsho** 1984 Aug;30(10):1235-40 (Eng. Abstr.) **(Jpn)**

[Clinical significance of CEA levels in lung cancer] Noge S, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):616-22 (Eng. Abstr.) **(Jpn)**

[Studies on the diagnosis and prognosis of T1 primary cancer in the periphery of the lung] Sawada K. **Gan No Rinsho** 1984 Dec;30(15):1866-70 (Eng. Abstr.) **(Jpn)**

[Analysis of 36 cases of lung cancer treated with antituberculous chemotherapy] Matsushima T, et al. **Kekkaku** 1985 Jan;60(1):1-5 (Eng. Abstr.) **(Jpn)**

[Ultrasonographic evaluation of intrathoracic diseases] Ikezoe J. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25;44(7):924-47 (Eng. Abstr.) **(Jpn)**

[Development of an image analysis system using a line type charge coupled device and analysis of early pulmonary carcinoma] Takahashi M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):845-52 (Eng. Abstr.) **(Jpn)**

[Analysis of a modified urinary nucleoside in lung cancer patients] Tamura S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):684-9 (Eng. Abstr.) **(Jpn)**

[Processing of preserved sputum specimens] Kobayashi Y, et al. **Rinsho Byori** 1985 Feb;Spec No 61:43-50 **(Jpn)**

[Early diagnosis of hilar neoplasms--cytodiagnosis of the sputum] Shibata H. **Rinsho Byori** 1985 Feb;Spec No 61:33-42 **(Jpn)**

[Ultrasonic diagnosis of chest diseases] Ikezoe J, et al. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1175-85 **(Jpn)**

[Rounded atelectasis. An important differential diagnosis to lung tumors] Aspestrand F. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):208 (Eng. Abstr.) **(Nor)**

[A case of multiple neoplasm metastases to the brain with few clinical symptoms] Kozik MB, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):279-81 (Eng. Abstr.) **(Pol)**

[Coexistence of lung cancer with other malignant neoplasms] Michalski A, et al. **Pneumonol Pol** 1985 Mar;53(3):137-42 (Eng. Abstr.) **(Pol)**

[Value of the determination of carcinoembryonic antigen (CEA) in the serum for the diagnosis of lung cancer; evaluation of its extent and prognosis in conservatively treated patients] Ochnio J, et al. **Pneumonol Pol** 1984 Jul; 52(7):313-9 (Eng. Abstr.) **(Pol)**

[Lung neoplasms] Pawlicka L. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):239-41 **(Pol)**

[Changes in the lungs and mediastinum in Hodgkin's disease] Gabryś K, et al. **Pol Tyg Lek** 1985 May 20;40(20):576-9 (Eng. Abstr.) **(Pol)**

[Is a delay in diagnosis and treatment of lung cancer still a problem?] Góralczyk J, et al. **Pol Tyg Lek** 1985 Apr 8-15; 40(14-15):403-6 (Eng. Abstr.) **(Pol)**

[Comparison of the results of bronchial catheterization and bronchofibroscopy in the diagnosis of lung cancer] Szymański A, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1035-7 (Eng. Abstr.) **(Pol)**

[Diagnostic difficulties in bronchiolo-alveolar carcinoma] Moskwa Z. **Wiad Lek** 1984 Mar 15;37(6):464-5 (Eng. Abstr.) **(Pol)**

[Evaluation of diagnostic procedures in lung cancer] Moskwa Z. **Wiad Lek** 1984 May 1;37(9):713-20 (Eng. Abstr.) **(Pol)**

[Possibilities of early diagnosis in bronchopulmonary cancer] Ionescu C, et al. **Rev Ig [Pneumoftiziol]** 1984 Jul-Sep; 33(3):245-52 (Eng. Abstr.) **(Rum)**

[Role of cytological research in the diagnosis of lymphogranulomatosis] Kazantseva VM. **Arkh Patol** 1984; 46(12):61-3 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of small peripheral chondromatous hamartomas of the lungs] Uspenskiĭ LV, et al. **Grudn Khir** 1984 Sep-Oct;(5):41-4 (Eng. Abstr.) **(Rus)**

[Pedunculated benign lung neoplasms] Vagner EA, et al. **Grudn Khir** 1985 Jan-Feb;(1):47-50 (Eng. Abstr.) **(Rus)**

[Multiple primary malignant tumors of the respiratory organs (review of the literature)] Chissov VI, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):142-9 (77 ref.) **(Rus)**

[Differential diagnosis of suppurative-destructive diseases and cancer of the lungs] Muromskiĭ IuA, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):48-51 (Eng. Abstr.) **(Rus)**

[Fibrosing variant of Wegener's granulomatosis simulating bronchogenic cancer] Anan'ina GV, et al. **Klin Med (Mosk)** 1985 Apr;63(4):63-5 **(Rus)**

[Importance of cytological studies in the diagnosis of rarely encountered lung tumors] Bazarnova MA, et al. **Lab Delo** 1984;(8):496-7 **(Rus)**

[Carcinoembryonic antigen and hormonal polypeptides in patients with lung cancer] Afrikian MN, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):7-10 (Eng. Abstr.) **(Rus)**

[Color decoding of roentgenograms and scintigrams of malignant lung neoplasms] Amosov IS, et al. **Med Radiol (Mosk)** 1985 May;30(5):53-7 (Eng. Abstr.) **(Rus)**

[Clinical significance of in vivo methods of examining lung cancer patients] Obukhov NV, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):6-9 (Eng. Abstr.) **(Rus)**

[Lung cancer among the cases of a tuberculosis hospital] Derbikova TI, et al. **Probl Tuberk** 1985;(2):31-5 (Eng. Abstr.) **(Rus)**

[Case of 'steroid' tuberculosis in a patient with systemic lupus erythematosus, simulating metastatic tumor] Marga OIa, et al. **Probl Tuberk** 1984 Dec;(12):65-6 **(Rus)**

[Latent course of lung cancer and the sex factor] Vagner RI, et al. **Vestn Akad Med Nauk SSSR** 1984;(10):73-8 (Eng. Abstr.) **(Rus)**

[2 cases of peripheral malignant carcinoid tumor of the lungs] Voronov AA, et al. **Vestn Khir** 1984 Nov;133(11):67-9 **(Rus)**

[The role of combined bronchoscopic examination in the diagnosis of central peribronchial lung cancer] Paderin VF, et al. **Vopr Onkol** 1984;30(12):46-50 (Eng. Abstr.) **(Rus)**

[Rapid cytological diagnosis in cancer of the lung, stomach and esophagus] Shabalova IP. **Vopr Onkol** 1985;31(7):34-9 (Eng. Abstr.) **(Rus)**

[Transthoracic puncture biopsy in the diagnosis of peripheral lung neoplasms] Suftin VV, et al. **Vopr Onkol** 1984; 30(11):80-5 (Eng. Abstr.) **(Rus)**

[Value of immunologic tests in the diagnosis of infiltrative processes in the lungs] Chernushenko EF, et al. **Vrach Delo** 1984 Dec;(12):33-6 (Eng. Abstr.) **(Rus)**

[Association of lung cancer with adenoma of the adrenal cortex] Rubaĭ IN, et al. **Vrach Delo** 1985 Jun;(6):46-7 **(Rus)**

[Clinical value of simultaneous bronchofibroscopic and bronchospirographic examinations] Tulepov AS. **Vrach Delo** 1985 May;(5):48-50 (Eng. Abstr.) **(Rus)**

[Carcinoembryonic antigen (CEA)] Antonić M, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):187-91 (Eng. Abstr.) **(Scr)**

[Cytologic analysis of sputum in the detection of bronchial cancer] Manenica L. **Plucne Bolesti** 1984 Jul-Dec; 36(3-4):237-9 (Eng. Abstr.) **(Scr)**

DIET THERAPY

The fat composition of a mouse diet modifies the effects of levamisol on growth and spread of a murine tumor. Boeryd B, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Mar;93(2):99-103

DRUG THERAPY

Effect of the radioprotector WR 2721 on the response of metastatic Lewis lung carcinoma colonies to alkylating agents. Wist EA. **Acta Radiol [Oncol]** 1985 May-Jun; 24(3):259-62

Mitomycin-C, etoposide, cisplatin, and hexamethylmelamine (MEPH) as a second-line regimen in lung cancer. Chahinian AP, et al. **Am J Clin Oncol** 1984 Oct;7(5):419-23

Phase II trial of 1-(2-chloroethyl)-3-(2,6-dioxo-3-piperidyl)-1-nitrosoure in small cell cancer of the lung. Chapman RA, et al. **Am J Clin Oncol** 1984 Oct;7(5):413-4

Combination chemotherapy with doxorubicin and mitomycin C in non-small cell bronchogenic carcinoma. Severe pulmonary toxicity from q 3 weekly mitomycin C. Doyle LA, et al. **Am J Clin Oncol** 1984 Dec;7(6):719-24

Adriamycin, cyclophosphamide, and etoposide (VP-16-213) in extensive-stage small cell lung cancer. Matelski HW, et al. **Am J Clin Oncol** 1984 Dec;7(6):729-32

Intensive cytosine arabinoside therapy in small cell carcinoma of the lung. O'Donnell JF, et al. **Am J Clin Oncol** 1984 Oct;7(5):415-8

Phase II trial of cyclophosphamide and cis-platinum for non-small cell bronchogenic carcinoma. Schmidt AM, et al. **Am J Clin Oncol** 1984 Dec;7(6):725-7

Combination cyclophosphamide, Adriamycin, and vincristine rapidly alternating with combination cisplatin and VP-16 in treatment of small cell lung cancer. Natale RB, et al. **Am J Med** 1985 Sep;79(3):303-8

Patients with small-cell lung cancer treated with combination chemotherapy with or without irradiation. Data on potential cures, chronic toxicities, and late relapses after a five- to eleven-year follow-up. Johnson BE, et al. **Ann Intern Med** 1985 Sep;103(3):430-8

Antineoplastic activity of planar rhodium(I) complexes in mice bearing Lewis lung carcinoma and P388 leukemia. Sava G, et al. **Anticancer Res** 1985 May-Jun;5(3):249-52

Investigations on the instability of drug sensitivity in dependence on culture and transplantation conditions in case of a human lung carcinoma. Nissen E, et al. **Arch Geschwulstforsch** 1984;54(6):443-50

Fatal acute respiratory failure after vinblastine-mitomycin therapy in lung carcinoma. Rao SX, et al. **Arch Intern Med** 1985 Oct;145(10):1905-7

Resistance to alkylating agents and tumour differentiation in xenografts of small cell lung cancer. Berman R, et al. **Br J Cancer** 1985 May;51(5):653-8

The effects of alpha and gamma interferons on human lung cancer cells grown in vitro or as xenografts in nude mice. Twentyman PR, et al. **Br J Cancer** 1985 Jul;52(1):21-9

Chemotherapy for small cell carcinoma [letter] Festenstein F, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1078

Chemotherapy for small cell lung cancer [editorial] Spiro SG. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):413-4

Bone marrow morphologic changes after combination chemotherapy including VP-16. Adelstein DJ, et al. **Cancer** 1985 Aug 1;56(3):467-71

The effect of intravenous hyperalimentation on the dietary intake of patients with small cell lung cancer. A randomized trial. Clamon G, et al. **Cancer** 1985 Apr 1;55(7):1572-8

Evaluation of drug efficacy in vitro using human small cell carcinoma of the lung spheroids. Douple EB, et al. **Cancer** 1985 Oct 15;56(8):1918-25

Combination chemotherapy with adriamycin, etoposide, and cyclophosphamide for small cell carcinoma of the lung. A study by the EORTC Lung Cancer Working Party (Belgium). Klastersky J, et al. **Cancer** 1985 Jul 1;56(1):71-5

Chemotherapy-induced remission in a patient with small cell carcinoma of the lung and hairy cell leukemia. Kuebler JP, et al. **Cancer** 1985 Jun 15;55(12):2758-60

Combination chemotherapy in small cell lung carcinoma. A randomized study of two intensive regimens. Lowenbraun S, et al. **Cancer** 1984 Dec 1;54(11):2344-50

Cyclic combination chemotherapy in advanced adenocarcinoma of the lung: comparison of two FAM schedules. Lam WK, et al. **Cancer Chemother Pharmacol** 1985;14(3):282-3

Time-schedule dependency of the inhibiting activity of various anticancer drugs in the clonogenic assay. Matsushima Y, et al. **Cancer Chemother Pharmacol** 1985;

14(2):104–7

Oral vinzolidine as therapy for Kaposi's sarcoma and carcinomas of lung, breast, and colon/rectum. Sarna G, et al. **Cancer Chemother Pharmacol** 1985;14(1):12–4

High-dose cyclophosphamide with autologous bone marrow rescue after conventional chemotherapy in the treatment of small cell lung carcinoma. Smith IE, et al. **Cancer Chemother Pharmacol** 1985;14(2):120–4

Effect of a thymic factor, thymostimulin, on growth and pulmonary metastases of Lewis lung carcinoma. Yagi M, et al. **Cancer Immunol Immunother** 1985;19(3):198–204

Continuous five-drug versus alternating three-drug and two-drug chemotherapy after five-drug or three-drug induction in extensive small cell lung cancer. Eagan RT, et al. **Cancer Invest** 1985;3(4):299–305

Therapeutic and diabetogenic potential of two newly synthesized nitrosoureido sugars. Bernacki RJ, et al. **Cancer Res** 1985 Feb;45(2):695–702

Activity of mitozolomide (NSC 353451), a new imidazotetrazine, against xenografts from human melanomas, sarcomas, and lung and colon carcinomas. Fodstad O, et al. **Cancer Res** 1985 Apr;45(4):1778–86

Growth of human lung tumor in the brain of the nude rat as a model to evaluate antitumor agent delivery across the blood-brain barrier. Neuwelt EA, et al. **Cancer Res** 1985 Jun;45(6):2827–33

Phase II study of aclarubicin and diaziquone in the treatment of advanced small cell bronchogenic carcinoma (EST 4581): an Eastern Cooperative Oncology Group Study. Abeloff MD, et al. **Cancer Treat Rep** 1985 Apr;69(4):451–2

Probable cure of small cell carcinoma of the lung by etoposide [letter] Abratt RP, et al. **Cancer Treat Rep** 1985 Feb;69(2):235

Phase II trial of etoposide in previously treated small cell carcinoma of the lung. Antman K, et al. **Cancer Treat Rep** 1984 Nov;68(11):1413–4

Intensive induction treatment of small cell bronchogenic carcinoma with cyclophosphamide, methotrexate, and etoposide. Bonomi P, et al. **Cancer Treat Rep** 1985 Sep;69(9):1007–9

Evaluation of vindesine in patients with refractory small cell lung cancer. Chang AY, et al. **Cancer Treat Rep** 1984 Nov;68(11):1407–8

Phase II clinical trial of diaziquone in bronchogenic carcinoma. Chiuten DF, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):921–2

Phase II study of PALA, amsacrine, teniposide, and zinostatin in small cell lung carcinoma (EST 2579). Creech RH, et al. **Cancer Treat Rep** 1984 Sep;68(9):1183–4

Phase II study of vindesine, cisplatin, and hexamethylmelamine (VCH) in small cell carcinoma of the lung. Daugaard G, et al. **Cancer Treat Rep** 1984 Sep;68(9):1179–81

Phase II study of mitoxantrone, aclarubicin, and diaziquone in the treatment of non-small cell lung carcinoma: an Eastern Cooperative Oncology Group study. Ettinger DS, et al. **Cancer Treat Rep** 1985 Sep;69(9):1033–4

Phase II study of PALA and PCNU in the treatment of non-small cell lung cancer (EST 2580): an Eastern Cooperative Oncology Group study. Ettinger DS, et al. **Cancer Treat Rep** 1984 Oct;68(10):1297–8

Phase II evaluation of bisantrene in patients with advanced non-small cell lung carcinoma. Feld R, et al. **Cancer Treat Rep** 1985 Feb;69(2):209–10

Phase II study of diaziquone in patients with advanced carcinoma of the lung. Frytak S, et al. **Cancer Treat Rep** 1984 Sep;68(9):1193–4

Treatment of small cell lung cancer with 6-mercaptopurine: a phase II study. Hansen SW, et al. **Cancer Treat Rep** 1985 May;69(5):555

Multicenter Phase II trial of etoposide in refractory small cell lung cancer. Issell BF, et al. **Cancer Treat Rep** 1985 Jan;69(1):127–8

Combination chemotherapy for non-small cell lung cancer with doxorubicin and mitomycin or cisplatin and etoposide. Joss RA, et al. **Cancer Treat Rep** 1984 Sep;68(9):1079–84

Phase II evaluation of amsacrine in small cell lung cancer: a Southeastern Cancer Study Group trial. Kramer BS, et al. **Cancer Treat Rep** 1985 Mar;69(3):333–4

Phase II evaluation of mitoxantrone in patients with bronchogenic carcinoma: a Southeastern Cancer Study Group trial. Kramer BS, et al. **Cancer Treat Rep** 1984 Oct;68(10):1295–6

Randomized trial comparing vindesine plus cisplatin with vinblastine plus cisplatin in patients with non-small cell lung cancer, with an analysis of methods of response assessment. Kris MG, et al. **Cancer Treat Rep** 1985 Apr;69(4):387–95

Use of cisplatin, cyclophosphamide, vincristine, and doxorubicin for the treatment of non-small cell lung cancer. Lindgren D, et al. **Cancer Treat Rep** 1984 Sep;68(9):1159–61

Intensive alternating chemotherapy regimen in small cell carcinoma of the lung. Markman M, et al. **Cancer Treat Rep** 1985 Feb;69(2):161–6

Intensive induction chemotherapy for small cell anaplastic carcinoma of the lung. O'Donnell MR, et al. **Cancer Treat Rep** 1985 Jun;69(6):571–5

Phase II study of teniposide in small cell carcinoma of the lung. Pedersen AG, et al. **Cancer Treat Rep** 1984 Oct;68(10):1289–91

Cisplatin and etoposide combination chemotherapy for refractory small cell carcinoma of the lung. Porter LL 3d, et al. **Cancer Treat Rep** 1985 May;69(5):479–81

Chemotherapy for metastatic non-small cell bronchogenic carcinoma: cyclophosphamide, doxorubicin, and etoposide versus mitomycin and vinblastine (EST 2575, generation IV). Ruckdeschel JC, et al. **Cancer Treat Rep** 1984 Nov;68(11):1325–9

Acute ECG changes during cyclophosphamide infusion in a patient with bronchogenic carcinoma [letter] Shachor J, et al. **Cancer Treat Rep** 1985 Jun;69(6):734–5

Phase II study of mitomycin, methotrexate, and vincristine combination chemotherapy in advanced adenocarcinoma of the lung. Shah A, et al. **Cancer Treat Rep** 1984 Oct;68(10):1299–300

Comparison of vindesine plus cisplatin or vindesine plus mitomycin in the treatment of advanced non-small cell lung cancer. Shinkai T, et al. **Cancer Treat Rep** 1985 Sep;69(9):945–51

Carboplatin: a very active new cisplatin analog in the treatment of small cell lung cancer. Smith IE, et al. **Cancer Treat Rep** 1985 Jan;69(1):43–6

Treatment of non-small cell bronchogenic carcinoma with vinblastine and mitomycin: a Southwest Oncology Group Study. Weick JK, et al. **Cancer Treat Rep** 1985 Jun;69(6):583–5

Cyclic alternating 'non-cross resistant' chemotherapy in the management of small cell anaplastic carcinoma of the lung. Elliott JA, et al. **Cancer Treat Rev** 1984 Jun;11(2):103–13

New agents in non-small cell lung cancer. Joss RA, et al. **Cancer Treat Rev** 1984 Sep;11(3):205–36 (136 ref.)

Combination chemotherapy in squamous cell carcinoma of the lung. Krzakowski MJ, et al. **Chemioterapia** 1984 Apr;3(2):75–8

Cisplatin and etoposide combination in the treatment of bronchogenic carcinoma. Mazzei T, et al. **Chemioterapia** 1984 Feb;3(1):16–8

Etoposide by oral route in the treatment of unresectable non-small cell lung cancer. Scagliotti G, et al. **Chemioterapia** 1984 Oct;3(5):324–6

Pulmonary lymphangiomyomatosis. Long-term survival in a patient with poor response to medroxyprogesterone [letter] Bevelaqua FA, et al. **Chest** 1985 Apr;87(4):552–3

Trial of vindesine plus mitomycin in stage-3 non-small cell lung cancer. An active regimen for outpatient treatment. Kris MG, et al. **Chest** 1985 Mar;87(3):368–72

Pulmonary lymphangiomyomatosis associated with tuberous sclerosis. Treatment with tamoxifen and tetracycline-pleurodesis. Luna CM, et al. **Chest** 1985 Sep;88(3):473–5

Photoradiation therapy of endobronchial lung cancer. Large obstructing tumors, nonobstructing tumors, and early-stage bronchial cancer lesions. Balchum OJ, et al. **Clin Chest Med** 1985 Jun;6(2):255–75

A randomised trial of cyclophosphamide pretreatment ('priming') before short-duration chemotherapy for small cell lung carcinoma. Harland S, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):61–4

Phase II trial of mitomycin-C in patients with small cell carcinoma of the lung after failure on combination chemotherapy. Joss RA, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1477–9

Progress in chemotherapy of non-small cell lung cancer. Sculier JP, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1329–33

Sequential methotrexate and 5-fluorouracil in the treatment of non-small cell carcinoma of the lung. Wood CD, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):587–9

Relationship between myelosuppression and chemotherapeutic response in small cell bronchogenic carcinoma. Holoye PY. **Exp Hematol** 1985;13 Suppl 16:72–9

Phase II study of cis-diamminedichloroplatinum in patients with non-small cell lung cancer. Fujita J, et al. **Gann** 1985 May;76(5):420–3

Correlation between drug sensitivity determined by clonogenic cell assay and clinical effect of chemotherapy in patients with primary lung cancer. Shimizu E, et al. **Gann** 1984 Nov;75(11):1030–5

Hematologic toxicity of mitomycin-C (MMC) administered every three weeks in combination schedules. Jirillo A, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):80–1

Antitumor drugs in inoperable lung cancer [letter] Behera D, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):60–1

Modulatory effects of 5-azacytidine, phorbol ester, and retinoic acid on the malignant phenotype of human lung cancer cells. Olsson L, et al. **Int J Cancer** 1985 Feb 15;35(2):189–98

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717–23

The role of chest irradiation in limited small cell carcinoma of the lung treated with combination chemotherapy. Looper JD, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1855–60

Effects of antimetastatic dimethyltriazenes in mice bearing Lewis lung carcinoma lines with different metastatic potential. Sava G, et al. **Invasion Metastasis** 1984;4(3):171–8

Effects of dimethyltriazenes on in vitro Lewis lung carcinoma tumor lines with different metastatic capacity. Zupi G, et al. **Invasion Metastasis** 1984;4(3):179–88

Chemotherapy of advanced non-small cell lung cancer. A review. Takasugi BJ, et al. **Invest New Drugs** 1984;2(3):339–47 (91 ref.)

Relationship between age at diagnosis and treatments received by cancer patients. Mor V, et al. **J Am Geriatr Soc** 1985 Sep;33(9):585–9

Relationships between the cytotoxicity of tiazofurin and its metabolism by cultured human lung cancer cells. Carney DN, et al. **J Clin Invest** 1985 Jan;75(1):175–82

Small-cell lung cancer is still a problem [editorial] Bergsagel D, et al. **J Clin Oncol** 1984 Nov;2(11):1189–91

Chemotherapy of small-cell carcinoma of lung: a randomized comparison of alternating and sequential combination chemotherapy programs. Daniels JR, et al. **J Clin Oncol** 1984 Nov;2(11):1192–9

Randomized trial of three combinations of cisplatin with vindesine and/or VP-16-213 in the treatment of advanced non-small-cell lung cancer. Dhingra HM, et al. **J Clin Oncol** 1985 Feb;3(2):176–83

Etoposide (VP-16) and cisplatin: an effective treatment for relapse in small-cell lung cancer. Evans WK, et al. **J Clin Oncol** 1985 Jan;3(1):65–71

Co-trimoxazole prophylaxis during high-dose chemotherapy of small-cell lung cancer. Figueredo AT, et al. **J Clin Oncol** 1985 Jan;3(1):54–64

Extensive-stage small-cell bronchogenic carcinoma: intensive induction chemotherapy with high-dose cyclophosphamide plus high-dose etoposide. Johnson DH, et al. **J Clin Oncol** 1985 Feb;3(2):170–5

A controlled evaluation of combined 5-fluorouracil, doxorubicin, and mitomycin C (FAM) for the treatment of advanced non-small-cell lung cancer. Krook JE, et al. **J Clin Oncol** 1985 Jun;3(6):842–8

Sudden death in cancer patients receiving lithium. Lyman GH, et al. **J Clin Oncol** 1984 Nov;2(11):1270–6

Chemotherapy for metastatic non-small-cell bronchogenic carcinoma: EST 2575, generation V—a randomized comparison of four cisplatin-containing regimens. Ruckdeschel JC, et al. **J Clin Oncol** 1985 Jan;3(1):72–9

Late intensification in small-cell lung cancer: a phase I study of high doses of cyclophosphamide and etoposide with autologous bone marrow transplantation. Sculier JP, et al. **J Clin Oncol** 1985 Feb;3(2):184–91

Risk-benefit relationships in cancer clinical trials: the ECOG experience in non-small-cell lung cancer. Simes RJ. **J Clin Oncol** 1985 Apr;3(4):462–72

High-dose cyclophosphamide in small-cell carcinoma of the lung. Souhami RL, et al. **J Clin Oncol** 1985 Jul;3(7):958–63

Effect of recombinant alpha interferon on NK and ADCC function in lung cancer patients: results from a phase II trial. Hokland P, et al. **J Interferon Res** 1984 Fall;4(4):561–9

Immunomodulatory and antiproliferative effect of recombinant alpha, beta, and gamma interferons on cultured human malignant squamous cell lines, SCL-1 and SW-1271. Nickoloff BJ, et al. **J Invest Dermatol** 1985 Jun;84(6):487–90

Stereoselective antitumor properties in the Lewis lung carcinoma model using bis(morpholinomethyl) derivatives of tricyclic bis(dioxopiperazines). Witiak DT, et al. **J Med Chem** 1985 Aug;28(8):1111–3

Preliminary phase II study of adriamycin (ADM) in patients with non-small cell lung cancer (NSCLC). Fujita J, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):365–8

Phase II study of oral administration of 5'-deoxy-5-fluorouridine (5'-DFUR) for solid tumors. Shimizu E, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):679–83

Phase II study of 7-N-(p-hydroxyphenyl)-mitomycin C (KW2083) in patients with advanced non-small cell carcinoma of the lung and metastatic pulmonary tumors. Shinkai T, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):61–5

Alternating combination chemotherapy with a multimodality approach for small cell lung cancer. Kimura I, et al. **Jpn J Med** 1985 Feb;24(1):75–7

Vindesine/cisplatin chemotherapy in relapsed or primarily resistant small-cell carcinoma of the lung. Niederle N, et al. **Klin Wochenschr** 1984 Aug 16;62(16):783–6

Anti-tumour therapy by induction of endogenous tumour necrosis factor [letter] Kato M, et al. **Lancet** 1985 Aug 3;2(8449):270

Ifosfamide as single-agent chemotherapy in inoperable non-small-cell lung cancer [letter] Peake MD, et al. **Lancet** 1985 Aug 31;2(8453):496–7

Hematoporphyrin derivative and laser photodynamical reaction in the diagnosis and treatment of malignant tumors. Song SZ, et al. **Lasers Surg Med** 1985;5(1):61–6

Vindesine and high-dose cisplatin in the treatment of advanced non-small-cell lung cancer. Fuks JZ, et al. **Med Pediatr Oncol** 1985;13(2):73–7

The study of the cytotoxic effect of anticancer drugs on human lung tumors transplanted to mice by use of diffusion chambers. Korman DB, et al. **Neoplasma** 1985;32(2):169–75

Distribution in man of 111In-labelled liposomes containing a water-insoluble antimitotic agent. Frühling J, et al. **Nucl Med Commun** 1984 Apr;5(4):205–8

A case of endometriosis of the lung treated with danazol. Suginami H, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):68S–71S

Acute leukemia secondary to lung cancer. Case report and review of the literature. de Gramont A, et al. **Oncology** 1985;42(2):107–11

Unresectable non-small cell lung cancer chemotherapy with high-dose cisplatin and etoposide. Scagliotti GV, et al.

Oncology 1985;42(4):224-8

A prospective randomized trial of combination vindesine and cisplatin versus single-agent vindesine in advanced non-small cell lung cancer. Popkin JD, et al. **Pharmacotherapy** 1985 Jan-Feb;5(1):20-2

Prednisolone in terminal breast and bronchogenic cancer. Twycross RG, et al. **Practitioner** 1985 Jan;229(1399):57-9

HpD photodynamic therapy for obstructing lung cancer. Balchum OJ, et al. **Prog Clin Biol Res** 1984;170:727-45

Indications of photoradiation therapy in early stage lung cancer on the basis of post-PRT histologic findings. Hayata Y, et al. **Prog Clin Biol Res** 1984;170:747-58

Chemotherapeutic results in small cell lung cancer. Niederle N, et al. **Recent Results Cancer Res** 1985;97:127-45 (108 ref.)

Response rate and toxicity of etoposide (VP-16) in squamous carcinoma of the lung: report from the Lung Cancer Treatment Study Group. Anderson G, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):21-2

The role of VP-16 in the treatment of small-cell lung cancer: studies of the West of Scotland Lung Cancer Group. Banham S, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):2-6

High-dose etoposide (VP-16) in small-cell lung cancer. Greco FA, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):42-4

VP-16 and cisplatin in the treatment of non-small-cell lung cancer. Klastersky J. **Semin Oncol** 1985 Mar;12(1 Suppl 2):17-20

Alternating combination chemotherapy regimens in small-cell lung cancer. Natale RB, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):7-13

Single-dose etoposide in combination with vincristine and doxorubicin in the treatment of small-cell lung cancer (SCLC). Timothy AR, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):45-7

Hypoglycemia with glycerol infusion as antineoplastic therapy: a hypothesis. Burt ME, et al. **Surgery** 1985 Feb;97(2):231-3

Cisplatin, vinblastine, and bleomycin in inoperable non-small cell lung cancer. Stuart-Harris R, et al. **Thorax** 1985 May;40(5):346-50

Low-dose cisplatin and etoposide in advanced non-small cell lung carcinoma. Canobbio L, et al. **Tumori** 1984 Dec 31;70(6):535-8

Phase II study of ifosfamide combined with Mesna uroprotection in advanced non-small-cell lung carcinoma and other solid tumors. Nobile MT, et al. **Tumori** 1984 Oct 31;70(5):433-7

[Treatment of lung cancer with brain metastasis using an intravenous drip of a 10% emulsion of Brucea javanica seminal oil] Su SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):86-8, 66-7 (Eng. Abstr.) **(Chi)**

[Studies on antineoplastic action of indirubin derivatives and analogs and their structure-activity relationships] Ji XJ, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):137-9 (Eng. Abstr.) **(Chi)**

[Dibromodulcitol in combination with actinotherapy of spinocellular carcinoma] Petruželka L, et al. **Sb Lek** 1984 Sep;86(8-9):259-64 (Eng. Abstr.) **(Cze)**

[Chemotherapy of bronchopulmonary and pleural adenocarcinoma. Apropos of 31 cases] Lebeau B, et al. **Rev Pneumol Clin** 1985;41(2):135-7 (Eng. Abstr.) **(Fre)**

[Chemotherapy in small-cell anaplastic bronchial carcinoma (apropos of 6 case reports). Preliminary results] Ben Ayed F, et al. **Tunis Med** 1983 Nov-Dec;61(6):385-7 (Eng. Abstr.) **(Fre)**

[Antineoplastic chemotherapy for bronchial carcinoma] Tanneberger S. **Arch Geschwulstforsch** 1985;55(1):63-71 (Eng. Abstr.) **(Ger)**

[Treatment of non-small cell bronchial cancer with high-dosage cisplatin and vindesine. Results of a prospective study] König HJ, et al. **Fortschr Med** 1984 Sep 6;102(33):811-4 (Eng. Abstr.) **(Ger)**

[Bronchial cancer: diagnostic potentials and limits of chemotherapy. 1. Small cell bronchial cancer] Schalhorn A. **Fortschr Med** 1985 Mar 28;103(12):309-13 (Eng. Abstr.) **(Ger)**

[Bronchial cancer: possibilities and limits of chemotherapy. 2. Non-small cell bronchial cancer] Schalhorn A. **Fortschr Med** 1985 May 2;103(17):453-6 (Eng. Abstr.) **(Ger)**

[Chemotherapy of advanced non-small cell bronchogenic carcinoma with cisplatin and vindesine] Drings P, et al. **Onkologie** 1984 Aug;7(4):202-4 (Eng. Abstr.) **(Ger)**

[Cisplatin, vindesine and VP 16-213 in the treatment of inoperable non-small cell bronchial carcinoma. A clinical phase II study] Gatzemeier U, et al. **Onkologie** 1984 Oct;7(5):308-15 (Eng. Abstr.) **(Ger)**

[Chemotherapy of non-small cell bronchial carcinoma] Kokron O. **Onkologie** 1984 Oct;7(5):285-8 (Eng. Abstr.) **(Ger)**

[Chemotherapy of small cell bronchial carcinoma] Rainer H. **Onkologie** 1984 Oct;7(5):276-84 (54 ref.) (Eng. Abstr.) **(Ger)**

[Bronchial arterial cytostatic perfusion of bronchial cancer] Schulz V, et al. **Prax Klin Pneumol** 1984 Aug;38(8):356-65 (Eng. Abstr.) **(Ger)**

[Treatment of non-small-cell bronchial carcinoma with cisplatin, ifosfamide, vindesine and VP 16] Drings P, et al. **Strahlentherapie** 1985 Mar;161(3):131-3 (Eng. Abstr.) **(Ger)**

[Xenograft of human bronchial squamous cell carcinoma and its sensitivity to therapy] Bak M Jr, et al. **Orv Hetil** 1984 Dec 23;125(52):3161-4, 3167 (Eng. Abstr.) **(Hun)**

[Current perspectives in the management of non-small cell lung cancer] Fujita J, et al. **Gan No Rinsho** 1985 Apr;31(4):355-62 (Eng. Abstr.) **(Jpn)**

[Photodynamic therapy in lung cancer] Kato H, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):690-6 (Eng. Abstr.) **(Jpn)**

[The clinicopathological effects of infusion of cis-platinum into the bronchial artery on lung cancer] Matsumura K, et al. **Gan No Rinsho** 1985 Mar;31(3):240-5 (Eng. Abstr.) **(Jpn)**

[Preliminary phase II study of cis-Dichlorodiammineplatinum (II) in patients with non-small cell carcinoma of the lung and metastatic pulmonary tumor] Tominaga K, et al. **Gan No Rinsho** 1984 Sep;30(11):1344-50 (Eng. Abstr.) **(Jpn)**

[Clinical study on the permeability of FT-207 and 5-FU in primary lung cancer] Aogauchi R, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):105-10 (Eng. Abstr.) **(Jpn)**

[CDDP-containing combination chemotherapy for advanced lung cancer] Asamoto H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2544-9 (Eng. Abstr.) **(Jpn)**

[Phase II study of cis-dichlorodiammineplatinum (II) for non-small cell lung cancer] Fukuoka M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):471-8 (Eng. Abstr.) **(Jpn)**

[A randomized trial of 3-drug combination chemotherapy in small cell lung cancer--CPA/ACNU/VCR vs ADR/ACNU/VCR] Furuse K. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1844-9 (Eng. Abstr.) **(Jpn)**

[Phase II study of VP-16 (capsule) in solid tumors. A cooperative study] Honma T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):309-13 (Eng. Abstr.) **(Jpn)**

[A phase II study of oral VP-16 in primary lung cancer] Matsui Y, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1801-7 (Eng. Abstr.) **(Jpn)**

[The evaluation of single administration of cisplatin in non-small cell carcinoma of the lung] Matsuoka R, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1407-12 (Eng. Abstr.) **(Jpn)**

[Effect of adriamycin, mitomycin-C, and tegafur (AMF) chemotherapy on advanced lung cancer] Nabeshima K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1487-90 (Eng. Abstr.) **(Jpn)**

[Combination chemotherapy with cyclophosphamide, adriamycin, cisplatin, nimustine(ACNU), and methotrexate (EACAM) in advanced adenocarcinoma of the lung] Nakanishi F, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1339-44 (Eng. Abstr.) **(Jpn)**

[Current status in the treatment of inoperable non-small cell lung cancer (NSCLC)] Nishimura M, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):54-60 (Eng. Abstr.) **(Jpn)**

[Cisplatin, peplomycin, mitomycin C, and vincristine combination chemotherapy of non-small cell carcinoma of the lung] Saito H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2715-8 (Eng. Abstr.) **(Jpn)**

[Enhanced cytotoxic effect of Adriamycin and vincristine against PC-6 (human lung cancer cell line) and Hattori (human breast cancer cell line)] Terashima M, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):343-7 (Eng. Abstr.) **(Jpn)**

[Experimental results of survivals with different dose schedule of 5-FU and 5'-DFUR] Yano T, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1345-7 **(Jpn)**

[Complete remission of recurrent ovarian dysgerminoma obtained by combined chemotherapy with cisplatin, adriamycin and cyclophosphamide] Yokota H, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):151-4 (Eng. Abstr.) **(Jpn)**

[Cisplatin, adriamycin and VP-16 (CAV) in the treatment of small cell carcinoma of the lung] Yokoyama A, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2573-8 (Eng. Abstr.) **(Jpn)**

[Effects of bronchial artery infusion (B-AI) with single use of MMC after intravenous peplomycin (PEP) administration in lung cancer] Yokoyama K, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):265-9 (Eng. Abstr.) **(Jpn)**

[Two-channel bronchial artery infusion of cisplatin for the treatment of primary lung cancer] Yano T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25;45(3):486-94 (Eng. Abstr.) **(Jpn)**

[Symposium on treatment of cancer. 2. Alternating combination chemotherapy with multimodality approach for small cell lung cancer] Kimura I, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1590-5 **(Jpn)**

[Role of systemic chemotherapy in small cell lung cancer as part of a multidisciplinary treatment. I] Eguchi K. **Rinsho Hoshasen** 1985 Feb;30(2):293-4 **(Jpn)**

[Role of systemic chemotherapy in smalL cell lung cancer as a part of multidisciplinary treatment] Eguchi K. **Rinsho Hoshasen** 1985 Mar;30(3):401-2 **(Jpn)**

[Effect of levamisole on peripheral blood neutrophils in patients with neoplasms] Hrycek A, et al. **Pol Tyg Lek** 1984 May 21;39(21):705-7 (Eng. Abstr.) **(Pol)**

[In vitro determination of the sensitivity of lung tumors to different drugs] Berzin'sh IuA, et al. **Eksp Onkol** 1985;7(1):56-8 (Eng. Abstr.) **(Rus)**

[Changes in the metastasis of experimental tumors and in the antimetastatic effect of cytostatics in their pharmacological action on adrenergic processes] Veksler IG, et al. **Eksp Onkol** 1984;6(6):50-3 (Eng. Abstr.) **(Rus)**

[Cytotoxic action of thiophosphamide on human tumor cells] Korman DB, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):70-4 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the effectiveness of antitumor preparations in human lung cancer xenografts growing on mice in diffusion chambers] Krutova TV, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):901-8 (Eng. Abstr.) **(Rus)**

[Use of nitrosomethylurea in the chemotherapy of small cell cancer of the lung] Borisov VI, et al. **Sov Med** 1984;(12):47-50 **(Rus)**

[Chemotherapy of lung cancer] Dement'eva NP. **Sov Med** 1984;(11):55-61 (18 ref.) **(Rus)**

ENZYMOLOGY

Immunocytochemical demonstration of neuron-specific enolase (NSE) in human lung cancers. Bergh J, et al. **Am J Clin Pathol** 1985 Jul;84(1):1-7

Protein phosphorylation of beta-glucuronidase in human lung cancer--identification of serine- and threonine-phosphates. Fujita M, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):818-24

Hepatic drug-metabolizing enzymes in lung tumor-bearing rats. Dogra SC, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3190-3

Biochemical measure of the volume doubling time of human pulmonary neoplasms. Greengard O, et al. **Cancer** 1985 Apr 1;55(7):1530-5

Changes in cyclic adenosine 3':5'-monophosphate-dependent protein kinases during the progression of urethan-induced mouse lung tumors. Butley MS, et al. **Cancer Res** 1985 Aug;45(8):3677-85

Elevated serum creatine kinase BB levels in patients with small cell lung cancer. Carney DN, et al. **Cancer Res** 1984 Nov;44(11):5399-403

Serum neuron-specific enolase. A marker for disease extent and response to therapy for small-cell lung cancer. Akoun GM, et al. **Chest** 1985 Jan;87(1):39-43

Elevated CK-MB and CK-BB in serum and tumor homogenate of a patient with lung cancer. Lee BI, et al. **Clin Cardiol** 1985 Apr;8(4):233-6

Isolation and characterization of cancer-associated galactosyltransferase isoenzyme. Ram BP, et al. **Clin Chem** 1984 Oct;30(10):1656-63

Serum esterase activity during the surgical therapy of bronchogenic carcinoma. Soběslavský C, et al. **Czech Med** 1984;7(3):145-50

Alkaline phosphatase, gamma-glutamyl transferase, lactate dehydrogenase and creatine kinase in bronchial aspirate from neoplastic and normal pulmonary tissue. Ruiz-Moral R, et al. **Enzyme** 1985;33(2):105-8

Activity of some lysosomal enzymes in peripheral blood lymphocytes of patients with lung cancer. A cytochemical study. Sułowicz W, et al. **Folia Haematol (Leipz)** 1985;112(1):63-70

Ectopic production of salivary-type amylase associated with bronchogenic carcinoma: case report and review of the literature. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):331-5 (14 ref.)

Arylsulfatase a from normal human lung and lung tumors showed different patterns of microheterogeneity. Nakamura M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):207-13

Serum lactate dehydrogenase and bone marrow metastasis in small-cell carcinoma of the lung [letter] **N Engl J Med** 1985 Sep 19;313(12):759-60

Variations in aryl hydrocarbon hydroxylase activities in mitogen-activated human and nonhuman primate lymphocytes. Kouri RE, et al. **Toxicol Pathol** 1984;12(1):44-8

Radioimmunoassay development for human neuron-specific enolase: with some clinical results in lung cancers and neuroblastoma. Notomi T, et al. **Tumour Biol** 1985;6(1):57-66

Neuron-specific enolase as a marker for neuroblastoma and small-cell carcinoma of the lung. Påhlman S, et al. **Tumour Biol** 1984;5(2):119-26

[Clinical significance of the lysozyme level in bronchial lavage] Du BY, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):291-2 (Eng. Abstr.) **(Chi)**

[Changes in serum angiotensin converting enzyme activity in patients with lung cancer] Li LS. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):405-6, 461 (Eng. Abstr.) **(Chi)**

[Increase in serum aldolase caused by bronchial carcinoma] Dallüge KH, et al. **Arch Geschwulstforsch** 1984;54(5):387-90 (Eng. Abstr.) **(Ger)**

[Immunohistochemical findings in intrathoracic tumors. V. Isoenzymes of nonspecific esterases in lung tissue and bronchial cancers] Eckert H. **Z Erkr Atmungsorgane** 1984;163(3):256-63 (Eng. Abstr.) **(Ger)**

[Immunohistochemical findings in intrathoracic tumors. VI. N-acetyl-beta-glucosaminidase] Eckert H. **Z Erkr Atmungsorgane** 1985;164(1):83-7 (Eng. Abstr.) **(Ger)**

[Relevance of serum aldolase for the detection of liver metastases of bronchial cancer--comparative enzymatic and endoscopy-autopsy studies] Schulz G, et al. **Z Erkr Atmungsorgane** 1985;164(2):155-61 (Eng. Abstr.) **(Ger)**

[Serum neuron-specific enolase as a marker of lung cancers] Fujisawa T, et al. **Gan To Kagaku Ryoho** 1985 Jan; 12(1):139-43 (Eng. Abstr.) **(Jpn)**

[beta-Glucuronidase in human maxillary sinus and lung cancers: elevation of activity level and appearance of phosphorylated variant forms] Fujita M. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):622-38 (Eng. Abstr.) **(Jpn)**

[Human manganese-containing superoxide dismutase: enzyme immunoassay and contents in lung cancer] Iizuka S. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):739-49 (Eng. Abstr.) **(Jpn)**

[Ca2+, Mg2+-ATPase activity of the erythrocyte membrane in patients with lung cancer] Semenchuk DD. **Eksp Onkol** 1984;6(3):72-3 (Eng. Abstr.) **(Rus)**

[Genetic predisposition to lung cancer in smokers] Korsgaard R, et al. **Nord Med** 1985;100(4):104-6, 110 (Eng. Abstr.) **(Swe)**

ETIOLOGY

Two different primary lung malignancies after a successful kidney transplantation. Forslund T, et al. **Acta Radiol [Oncol]** 1984;23(6):411-4

Dietary vitamin A and lung cancer risk: an analysis by histologic subtypes. Byers T, et al. **Am J Epidemiol** 1984 Nov;120(5):769-76

Silica, pneumoconiosis, and carcinoma of the lung. Heppleston AG. **Am J Ind Med** 1985;7(4):285-94 (72 ref.)

Cigarette smoking and lung cancer in 'Hispanic' whites and other whites in New Mexico. Humble CG, et al. **Am J Public Health** 1985 Feb;75(2):145-8

Mineral fibres and cancer. McDonald JC. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):345-52

Radon daughter exposure in mines, smoking and lung cancer. Edling C. **Arh Hig Rada Toksikol** 1983 Dec;34(4):265-73

Case-control methods in the presence of multiple failure times and competing risks. Lubin JH. **Biometrics** 1985 Mar; 41(1):49-54

Asymmetric rapidly progressive lung fibrosis: a cause of pseudotumour in asbestosis. Cookson WO, et al. **Br J Ind Med** 1985 May;42(5):350-3

Professional driving, smoking, and lung cancer: a case referent study. Damber L, et al. **Br J Ind Med** 1985 Apr; 42(4):246-52

Lung cancer among asbestos cement workers. A Swedish cohort study and a review. Ohlson CG, et al. **Br J Ind Med** 1985 Jun;42(6):397-402

Modifying risk of developing lung cancer by changing habits of cigarette smoking [letter] Lubin JH. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):921

Lung cancer following therapy for Hodgkin's disease [letter] Levitt M. **Can Med Assoc J** 1985 May 15;132(10):1112

Benign fibrous histiocytoma in Hodgkin's disease. Merino J, et al. **Cancer Invest** 1984;2(5):347-50

Smoking and lung cancer: an overview. Loeb LA, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5940-58 (86 ref.)

Cancer of the respiratory tract: predisposing factors. **Carcinog Compr Surv** 1985;8:1-468

Enhancement of lung cancer by cigarette smoking in uranium and other miners. Archer VE. **Carcinog Compr Surv** 1985; 8:23-37

New aspects of tobacco carcinogenesis. Hoffmann D, et al. **Carcinog Compr Surv** 1985;8:239-56

Lung cancer etiology: challenges of the future. Wynder EL, et al. **Carcinog Compr Surv** 1985;8:39-62

Cigarette smoking and lung cancer: a modern tragedy. Kestner JF Jr. **Del Med J** 1985 Jul;57(7):443-5

Do cooking fuels pose a risk for lung cancer? A case-control study of women in Hong Kong. Koo LC, et al. **Ecol Dis** 1983;2(4):255-65

Sugarcane farming--is there a link with cancer? Mulvey JJ, et al. **Ecol Dis** 1983;2(4):267-70

Tobacco and the risk of cancer. Importance of kinds of tobacco. Esteve J, et al. **IARC Sci Publ** 1984;(57):867-76

Sauna, dust and migration as risk factors in lung cancer among smoking and non-smoking males in Finland. Tenkanen L, et al. **Int J Cancer** 1985 May 15;35(5):637-42

Lung tumour induction in mice after uniform and non-uniform external thoracic X-irradiation. Coggle JE, et al. **Int J Radiat Biol** 1985 Jul;48(1):95-106

Lung cancer in Hodgkin's disease: association with previous radiotherapy. List AF, et al. **J Clin Oncol** 1985 Feb; 3(2):215-21

Pulmonary neoplastic lesions in patients with head and neck cancer [letter] Sridhar KS, et al. **J Clin Oncol** 1984 Dec; 2(12):1425

Lung cancer cell type and asbestos exposure. Churg A. **JAMA** 1985 May 24-31;253(20):2984-5

Asbestos. An environmental reality. Craighead JE. **JAMA** 1984 Dec 21;252(23):3292-3

Involuntary smoking and lung cancer: a case-control study. Garfinkel L, et al. **JNCI** 1985 Sep;75(3):463-9

Smoking and other risk factors for lung cancer in women. Wu AH, et al. **JNCI** 1985 Apr;74(4):747-51

Comparison of clinico-epidemiological features of lung cancer patients with and without a history of smoking. Shimizu H, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):595-600

Lifetime passive smoking and cancer risk [letter] **Lancet** 1985 Apr 13;1(8433):866-7

Smoking and Burch [letter] **Med J Aust** 1985 Aug 19; 143(4):176

Occupation and lung cancer. Armstrong BK. **Med J Aust** 1985 Jun 24;142(13):680-1

Non-antipodean smoking view [letter] Burch PR. **Med J Aust** 1985 Feb 4;142(3):238-9

Smoking and lung cancer [letter] Jamrozik K. **Med J Aust** 1985 Apr 1;142(7):428

Can one fibre cause cancer? [letter] Kelman GR. **Med J Aust** 1985 Jul 22;143(2):92

Passive smoking and cancer--American experience. Garfinkel L. **Prev Med** 1984 Nov;13(6):691-7

Roundtable discussion: symposium: medical perspectives on passive smoking. Lehnert G, et al. **Prev Med** 1984 Nov; 13(6):730-46

Quantitative aspects of passive smoking and lung cancer. Vutuc C. **Prev Med** 1984 Nov;13(6):698-704

Effect of dose rate on the induction of experimental lung cancer in hamsters by alpha radiation. Little JB, et al. **Radiat Res** 1985 Aug;103(2):293-9

Etiology of small cell lung carcinoma. Zeller WJ, et al. **Recent Results Cancer Res** 1985;97:1-10 (67 ref.)

Occupational asbestos exposure, lung-fiber concentration and latency time in malignant mesothelioma. Mowé G, et al. **Scand J Work Environ Health** 1984 Oct;10(5):293-8

[Air pollution and lung cancer] Li SX. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):173-6 (Eng. Abstr.) **(Chi)**

[A study on scar carcinoma of the lung] Wu HS. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):773-7 **(Chi)**

[A case-control interview study on risk factors of lung cancer in the city of Taiyuan] Wang JS. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):162-5 (Eng. Abstr.) **(Chi)**

[Bronchopulmonary diseases in alcoholism] Lorenz J, et al. **Dtsch Med Wochenschr** 1985 Jul 5;110(27):1086-8 **(Ger)**

[Air pollution and airway disease] Ulmer WT. **Internist (Berlin)** 1985 Apr;26(4):233-40 **(Ger)**

[Host factors in lung cancer patients--with reference to family and past histories] Miyamoto H, et al. **Gan No Rinsho** 1985 Apr;31(4):370-6 (Eng. Abstr.) **(Jpn)**

[Host factors in lung cancer] Yoneyama T. **Kokyu To Junkan** 1984 Oct;32(10):988-1001 (139 ref.) **(Jpn)**

[3 cases of lung neoplasms associated with occupations] Bednarski Z. **Wiad Lek** 1984 Jul 1;37(13):1017-20 (Eng. Abstr.) **(Pol)**

[Development of lung tumors in Syrian hamsters with a mixed Mycoplasma pneumoniae and influenza virus infection] Bezuglova TV, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):476-7 (Eng. Abstr.) **(Rus)**

[Increased incidence of bronchogenic carcinoma in pulmonary tuberculosis] Braude VI. **Probl Tuberk** 1984 Aug;(8):55-8 (Eng. Abstr.) **(Rus)**

[Lung cancer in men who have never smoked] Aitakov ZN, et al. **Vopr Onkol** 1984;30(8):57-60 (Eng. Abstr.) **(Rus)**

[Double primary neoplasms in the respiratory tract] Oteo Ochoa LA, et al. **Rev Clin Esp** 1984 May 31;173(4):215-7 (Eng. Abstr.) **(Spa)**

[Case control study in northern Sweden. High risk of lung cancer among older smoking professional drivers] Damber L, et al. **Lakartidningen** 1984 Dec 5;81(49):4629-31 (Eng. Abstr.) **(Swe)**

FAMILIAL & GENETIC

Prognostic significance of DNA patterns and resistance-predictive tests in non-small cell lung carcinoma. Volm M, et al. **Cancer** 1985 Sep 15; 56(6):1396-403

A 3p deletion in small cell lung carcinoma. Falor WH, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):175-7

Trisomy 7 in a lung carcinoid tumor: precocious index of malignant transformation? Teyssier JR, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):277-82

Cytogenetics of small cell carcinoma of the lung. Wurster-Hill DH, et al. **Cancer Genet Cytogenet** 1984 Dec; 13(4):303-30

Karyotypic characterization of established cell lines and short-term cultures of human lung cancers. Zech L, et al. **Cancer Genet Cytogenet** 1985 Feb 15;15(3-4):335-47

Expression of the c-myb oncogene in human small cell lung carcinoma. Griffin CA, et al. **Cancer Res** 1985 Jan; 45(1):272-5

Amplification of the c-myc oncogene in a subpopulation of human small cell lung cancer. Saksela K, et al. **Cancer Res** 1985 Apr;45(4):1823-7

Amplification, expression and rearrangement of c-myc and N-myc oncogenes in human lung cancer. Nau MM, et al. **Curr Top Microbiol Immunol** 1984;113:172-7

Expression of the human calcitonin/CGRP gene in lung and thyroid carcinoma. Edbrooke MR, et al. **EMBO J** 1985 Mar;4(3):715-24

A novel combination of K-ras and myc amplification accompanied by point mutational activation of K-ras in a human lung cancer. Taya Y, et al. **EMBO J** 1984 Dec 1;3(12):2943-6

Amplification and enhanced expression of cellular oncogene c-Ki-ras-2 in a human epidermoid carcinoma of the lung. Miyaki M, et al. **Gann** 1985 Apr;76(4):260-5

Isolation and characterization of an activated C-H-ras-1 gene from a squamous-cell lung carcinoma cell line. Kagimoto M, et al. **Int J Cancer** 1985 Jun 15;35(6):808-12

The human vasopressin gene is linked to the oxytocin gene and is selectively expressed in a cultured lung cancer cell line. Sausville E, et al. **J Biol Chem** 1985 Aug 25; 260(18):10236-41

Metabolic oxidation phenotypes as markers for susceptibility to lung cancer. Ayesh R, et al. **Nature** 1984 Nov 8-14; 312(5990):169-70

Structure and mechanisms of activation of c-K-ras oncogenes in human lung cancer. Yamamoto F, et al. **Prog Med Virol** 1985;32:101-14 (27 ref.)

Cytogenetics of human small cell lung cancer. Whang-Peng J, et al. **Recent Results Cancer Res** 1985;97:37-46

[Observation on sister chromatid exchange (SCE) in patients with lung cancer] Liu SJ. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):91-3 (Eng. Abstr.) **(Chi)**

[Characteristics of cell structure and proliferative activity of organ cultures of normal embryonic lung tissue of mice resistant (C57BL) and predisposed (A) to lung blastomogenesis] Kolesnichenko TS, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):332-4 (Eng. Abstr.) **(Rus)**

HISTORY

Some reflections on smoking and lung cancer. Wynder EL. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):854-7

Landmark article May 27, 1950: Tobacco Smoking as a possible etiologic factor in bronchiogenic carcinoma. A study of six hundred and eighty-four proved cases. By Ernest L. Wynder and Evarts A. Graham. **JAMA** 1985 May 24-31;253(20):2986-94

Landmark perspective: Smoking and lung cancer. A milestone in awareness. Steinfeld JL. **JAMA** 1985 May 24-31;253(20):2995-7

IMMUNOLOGY

Clinicopathological study on the relationship between serum-CEA and tissue-CEA of resected lung cancer cases. Okamura A, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1209-19

Mechanism of suppression of the depressed lymphocyte response in lung cancer patients. Alberola V, et al. **Allergol Immunopathol (Madr)** 1985 May-Jun;13(3):213-9

Differences in lectin binding in tissue sections of human and murine malignant tumors and their metastases. Kahn HJ, et al. **Am J Pathol** 1985 Jun;119(3):420-9

Immunology of tumor infiltrating lymphocytes. Holmes EC. **Ann Surg** 1985 Feb;201(2):158-63

Beneficial effects of interleukin-2 on natural killer activity in lung cancer patients. Ito M, et al. **Anticancer Res** 1984 Nov-Dec;4(6):375-8

Changes in natural killer cells activity in mice bearing subcutaneously implanted Lewis lung carcinoma. Budzyński W. **Arch Immunol Ther Exp (Warsz)** 1984; 32(2):185-9

Small cell lung cancer, endocrine cells of the fetal bronchus, and other neuroendocrine cells express the Leu-7 antigenic determinant present on natural killer cells. Bunn PA Jr, et al. **Blood** 1985 Mar;65(3):764-8

Primary Kaposi's sarcoma of the lung in an immunocompetent 32-year-old heterosexual white man. Antman KH, et al. **Cancer** 1984 Oct 15;54(8):1696-8

Histocompatibility antigens in small cell carcinoma of the lung. Markman M, et al. **Cancer** 1984 Dec 15;54(12):2943-5

Restoration of defective EAG-rosetting capacity of cancer patient neutrophils by levamisole. Patrone F, et al. **Cancer** 1985 Apr 15;55(8):1668-72

Absence of generalized immunosuppression in C57BL/6J mice implanted with Lewis T241 fibrosarcoma or Lewis lung carcinoma. Jones CE, et al. **Cancer Immunol Immunother** 1984;18(2):82-6

Methods for amplifying the induction and expression of cytotoxic response in vitro to syngeneic and autologous freshly-isolated solid tumors of mice. Kedar E, et al. **Cancer Immunol Immunother** 1984;18(2):126-34

Selective macrophage activation by muramyldipeptide bound to monoclonal antibodies specific for mouse tumor cells. Roche AC, et al. **Cancer Immunol Immunother** 1984; 18(3):155-9

Antiperinuclear activity in lung carcinoma patients. Younou P, et al. **Cancer Immunol Immunother** 1984;18(2):80-1

Selective cytotoxicity of the SM1 monoclonal antibody towards small cell carcinoma of the lung. Bernal SD, et al. **Cancer Res** 1985 Mar;45(3):1026-32

Differential expression of the Leu-7 antigen on human lung tumor cells. Cole SP, et al. **Cancer Res** 1985 Sep; 45(9):4285-90

Neuroendocrine differentiation antigen on human lung carcinoma and Kulchitski cells. de Leij L, et al. **Cancer Res** 1985 May;45(5):2192-200

An isolated enriched organ-specific cancer neoantigen of human lung cancer for leukocyte adherence inhibition assays. Dubois AE, et al. **Cancer Res** 1985 Jun;45(6):2661-9

Immune reactivity to Thomsen-Friedenreich antigen in patients with lung cancer detected by superoxide assay-leukocyte adherence inhibition test. Ichinose Y, et al. **Cancer Res** 1985 Sep;45(9):4473-7

Monoclonal antibodies to human squamous cell carcinoma of the lung and their application to tumor diagnosis.

Kyoizumi S, et al. **Cancer Res** 1985 Jul;45(7):3274–81

Depression of natural killer cytotoxic activity in lymphocytes infiltrating human pulmonary tumors. Moy PM, et al. **Cancer Res** 1985 Jan;45(1):57–60

Antitumor activity of macrophages in lung cancer patients with special reference to location of macrophages. Nakahashi H, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5906–9

Monoclonal antibodies to surface antigens of small cell carcinoma of the lung. Okabe T, et al. **Cancer Res** 1984 Nov;44(11):5273–8

Induction of highly immunogenic variants of Lewis lung carcinoma tumor by ultraviolet irradiation. Peppoloni S, et al. **Cancer Res** 1985 Jun;45(6):2560–6

Characterization of two human small cell lung carcinoma-reactive monoclonal antibodies generated by a novel immunization approach. Tong AW, et al. **Cancer Res** 1984 Nov;44(11):4987–92

Bronchoalveolar lavage and the immunology of primary lung cancer. Olsen GN, et al. **Chest** 1985 May;87(5):677–83 (56 ref.)

Enhanced expression in vivo of HLA-ABC antigens and beta 2-microglobulin on human lymphoid cells induced by human interferon-alpha in patients with lung cancer. Enhanced expression of class I major histocompatibility antigens prior to treatment. Nissen MH, et al. **Clin Exp Immunol** 1985 Feb;59(2):327–35

Syphilis serological markers in patients with malignant diseases. Petersen CS, et al. **Dan Med Bull** 1984 Oct;31(5):410–1

Extent of squamous cancer of the lung correlates with alterations in circulating T cells. Ginns LC, et al. **Diagn Immunol** 1983;1(3):155–61

Cytotoxicity of autologous and allogeneic lymphocytes against cultured human lung cancer cells: optimal conditions for the production of cytotoxic lymphocytes. Kimura H, et al. **Gann** 1984 Nov;75(11):1006–16

Increased frequency of IgG heavy chain marker Glm(2) and of HLA-B8 in Lambert-Eaton myasthenic syndrome with and without associated lung carcinoma. Willcox N, et al. **Hum Immunol** 1985 Sep;14(1):29–36

Mouse monoclonal IgM antibody against human lung cancer line SK-LC-3 with specificity for H(O) blood group antigen. Anger BR, et al. **Hybridoma** 1982;1(2):139–47

Monoclonal antibodies specific for two different histological types of human lung carcinoma. Saji S, et al. **Hybridoma** 1984 Summer;3(2):119–29

Monoclonal antibodies (IgM) against a murine carcinoma, Lewis lung carcinoma (3LL): production, purification and in vitro selectivity. Midoux P, et al. **Immunol Lett** 1984;8(3):131–6

The differential expression of H-2K versus H-2D antigens, distinguishing high-metastatic from low-metastatic clones, is correlated with the immunogenic properties of the tumor cells. Eisenbach L, et al. **Int J Cancer** 1984 Oct 15;34(4):567–73

Heterogeneity in surface antigen of cell lines and clones from a murine carcinoma. Kiger N. **Int J Cancer** 1985 Jan 15;35(1):129–34

Monoclonal-antibody-defined human lung tumour cell-surface antigens. Reeve JG, et al. **Int J Cancer** 1985 Jun 15;35(6):769–75

Selective cytotoxicity of murine monoclonal antibody LAM2 against human small-cell carcinoma in the presence of human complement: possible use for in vitro elimination of tumor cells from bone marrow. Stahel RA, et al. **Int J Cancer** 1985 May 15;35(5):587–92

Murine monoclonal antibody LAM2 defines cell membrane determinant with preferential expression on human lung small-cell carcinoma and squamous-cell carcinomas. Stahel RA, et al. **Int J Cancer** 1985 Jan 15;35(1):11–7

Purification from a human lung cancer cell line of a water soluble molecule mediating leukocyte adherence inhibition for patients with lung cancer. Thomson DM, et al. **Int J Cancer** 1985 Jun 15;35(6):707–14

Secondary immunodeficiency in advanced lung cancer: effects of chemotherapy plus thymostimulin in immunodepressed patients: updating results. Del Giacco GS, et al. **Int J Tissue React** 1984;6(6):499–504

Suppression of natural killer activity in patients treated with cisplatin and methylprednisolone. Takahashi K, et al. **J Cancer Res Clin Oncol** 1985;109(1):78–81

The effects of indomethacin and interleukin-2 on the proliferation of lymphocytes from patients with lung cancer. Maca RD, et al. **J Clin Immunol** 1985 May;5(3):158–65

Restoration of immunosuppression in lung cancer by normal sera. Hadjipetrou-Kourounakis L, et al. **J Clin Lab Immunol** 1985 Mar;16(3):149–53

Markedly decreased expression of class I histocompatibility antigens, protein, and mRNA in human small-cell lung cancer. Doyle A, et al. **J Exp Med** 1985 May 1;161(5):1135–51

Dimethyl sulfoxide induces expression of H-2 antigens on mouse lung carcinoma cells. Bahler DW, et al. **J Immunol** 1985 Apr;134(4):2790–8

Role of organ-associated NK cells in decreased formation of experimental metastases in lung and liver. Wiltrout RH, et al. **J Immunol** 1985 Jun;134(6):4267–75

The effect of immunity on pulmonary metastasis of a methylcholanthrene-induced fibrosarcoma and three of its clones. Yu S, et al. **J Surg Oncol** 1984 Sep;27(1):51–8

A method for improved yield and purity in extracting lymphocytes from lung tumors. Moy PM, et al. **J Surg Res** 1985 Jan;38(1):17–23

Antibody-dependent cellular cytotoxicity in blood monocytes and alveolar macrophages in patients with lung cancer. McLennan G, et al. **JNCI** 1985 Jul;75(1):23–7

Lysis of fresh human tumor cells by autologous large granular lymphocytes and T-lymphocytes: two distinct killing activities induced by coculture with autologous tumor. Uchida A, et al. **JNCI** 1984 Dec;73(6):1285–92

Suppression of B-lymphocyte function by T-lymphocytes in patients with advanced lung cancer. Venkataraman M, et al. **JNCI** 1985 Jan;74(1):37–41

Carcinoembryonic antigen (CEA) levels in pleural effusions and sera of lung cancer patients. Ogushi F, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):321–7

Identification of a tumor-related protein antigen in immune complexes derived from pleural effusions of patients with bronchial carcinoma. Lawniczak M, et al. **Neoplasma** 1985;32(1):9–20

Neuronal antinuclear antibody in sensory neuronopathy from lung cancer. Graus F, et al. **Neurology** 1985 Apr;35(4):538–43

Dynamic observation of immunosuppressive activity in lung cancer patients (phase I study of immuno-modulation and metastasis). Wu SF, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 May;32(5):682–9

Elevated levels of substances immunologically cross-reactive with insulin in blood of patients with malignant and nonmalignant pulmonary tissue proliferation. Baltić V, et al. **Oncology** 1985;42(3):174–8

The humoral leukocyte adherence inhibition test in the investigation of lung cancer treated by surgery and radiotherapy. Horváth M, et al. **Oncology** 1985;42(4):229–31

Amplification by macrophages of prostaglandin-mediated immunosuppression in mice bearing syngeneic tumors. Plescia OJ, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):205–23

Effects of diethylstilbestrol and estramustine phosphate (estracyt) on natural killer cell activity and tumor susceptibility in male mice. Kalland T, et al. **Prostate** 1984;5(6):649–60

Role of delayed cutaneous hypersensitivity reaction in classifying patients with bronchial carcinoma. Modini C, et al. **Tumori** 1985 Jun 30;71(3):277–81

[Preparation and specificity of monoclonal antibodies against human lung carcinoma] Ruan ST. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):65–70, 125 (Eng. Abstr.) **(Chi)**

[Circulating immune complexes in patients with lung cancer] Li LS. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):349–51, 398 (Eng. Abstr.) **(Chi)**

[Demonstration of antibodies against tumor-associated antigens in the serum patients with bronchogenic carcinoma using anticomplement immunofluorescence on xenotransplants of human tumors] Stiller-Winkler R, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1985 Mar;180(4):381–93 (Eng. Abstr.) **(Ger)**

[Use of solid-phase monoclonal antibodies in the determination of peripheral lymphocyte classes in cancer patients] Di Giacomo A, et al. **Arch Monaldi** 1984 Jul–Aug;39(4):313–8 (Eng. Abstr.) **(Ita)**

[Immuno-oncologic monitoring of patients with bronchial carcinoma. I. Carcinoembryonic antigen (CEA)] Mancuso M, et al. **Minerva Med** 1985 Jan 14;76(1–2):15–9 (Eng. Abstr.) **(Ita)**

[Immuno-oncologic monitoring of patients with bronchial carcinoma. II. Plasma fibronectin determination] Mancuso M, et al. **Minerva Med** 1985 Jan 28;76(3–4):85–90 (Eng. Abstr.) **(Ita)**

[Immuno-oncologic monitoring of patients with bronchial carcinoma. IV. Aspects of the immunocompetence system] Mancuso M, et al. **Minerva Med** 1985 Mar 31;76(13):619–26 (Eng. Abstr.) **(Ita)**

[Cytotoxic activity of large granular lymphocytes (LGL) infiltrated into metastatic tumors of lung cancer] Aoyagi Y, et al. **Gan No Rinsho** 1984 Aug;30(10):1241–6 (Eng. Abstr.) **(Jpn)**

[A study of sputum beta 2-microglobulin and carcinoembryonic antigen in patients with primary lung cancer] Fujii M, et al. **Gan No Rinsho** 1985 Jun;31(7):799–802 (Eng. Abstr.) **(Jpn)**

[Clinical investigation of basic fetoprotein (BFP) and carcinoembryonic antigen (CEA) in stomach cancer and lung cancer] Kanda Y, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):600–5 (Eng. Abstr.) **(Jpn)**

[The measurement of SCC antigen in squamous cell carcinoma of the lung] Masuoka T, et al. **Gan No Rinsho** 1985 Jul;31(8):914–8 (Eng. Abstr.) **(Jpn)**

[Effect of human recombinant beta-interferon on natural killer activity of peripheral lymphocytes in cancer patients] Beika T, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):362–5 (Eng. Abstr.) **(Jpn)**

[A study on immune response of regional lymph nodes in patients with lung cancer] Sannoh K. **Igaku Kenkyu** 1984 May;54(6):695–709 (Eng. Abstr.) **(Jpn)**

[The changes in antibody dependent cell-mediated cytotoxicity (ADCC) in cancer patients during radiotherapy––estimation by plaque assay] Ichiyanagi A. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1032–40 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes of lymphocyte subsets in the blood in cancer patients during radiotherapy. 5. Special reference to OKIa 1+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2138–45 (Eng. Abstr.) **(Jpn)**

[Production of monoclonal antibodies specific to human lung cancer––squamous cell carcinoma and adenocarcinoma] Saji S. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1426–32 (Eng. Abstr.) **(Jpn)**

[Studies on antigen highly associated with human bronchogenic squamous cell carcinoma––enzyme-linked immuno-absorbent assay] Yamada T, et al. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):132–8 (Eng. Abstr.) **(Jpn)**

[Studies on an antigen strongly associated with human bronchogenic squamous cell carcinoma (I)––studies by immuno-diffusion method] Yamada T, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):55–61 (Eng. Abstr.) **(Jpn)**

[Assessment of prognosis of lung cancer in relation to immunocompetence] Kawamura I. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):74–80 (Eng. Abstr.) **(Jpn)**

[Serum angiotensin-converting enzyme and lysozyme activities as markers of host immunoreactive cells in lung cancer] Min K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr;22(4):311–7 (Eng. Abstr.) **(Jpn)**

[Histochemical investigation of carcinoembryonic antigen in lung cancer] Shirakusa T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov;22(11):1004–11 (Eng. Abstr.) **(Jpn)**

[Significance of CEA in sputum in examination of lung cancer] Muraoka H, et al. **Rinsho Hoshasen** 1985 Mar;30(3):379–84 (Eng. Abstr.) **(Jpn)**

[Relation between serum carcinoembryonic antigen (CEA) level and microscopic features of lung cancer] Ochnio J, et al. **Pneumonol Pol** 1984 Jul;52(7):331–9 (Eng. Abstr.) **(Pol)**

[Carcinoembryonic antigen (CEA) in the blood serum of patients with primary bronchial cancer] Kozielski J, et al. **Pol Tyg Lek** 1985 Jan 7;40(1):5–8 (Eng. Abstr.) **(Pol)**

[Carcinoembryonic antigen (CEA) in patients' blood serum] Szymendera J. **Pol Tyg Lek** 1985 Jan 7;40(1):1–3 **(Pol)**

[Cytotoxic action of natural killer cells on human tumor cells] Avdeev GI, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):471–3 (Eng. Abstr.) **(Rus)**

[Functional and histochemical parameters of the neutrophil state in patients with malignant tumors] Berezhnaia NM, et al. **Eksp Onkol** 1984;6(4):49–52 (Eng. Abstr.) **(Rus)**

[Immunomodulating action of ceruloplasmin in tumor growth and the participation of cyclic nucleotides] Antonenko SG, et al. **Vopr Onkol** 1985;31(5):48–52 (Eng. Abstr.) **(Rus)**

[Comparative analysis of immune response indices in lung cancer] Govallo VI, et al. **Vopr Onkol** 1985;31(1):39–44 (Eng. Abstr.) **(Rus)**

[Evaluation of the degree of endogenous intoxication in oncological patients] Karabanov GN. **Vopr Onkol** 1985;31(6):100–3 (Eng. Abstr.) **(Rus)**

[Complement fractions and immunoglobulins in disseminated carcinomas of bronchopulmonary and gastrointestinal origin] de Miguel F, et al. **Rev Clin Esp** 1984 Dec 15–31;175(5–6):205–7 (Eng. Abstr.) **(Spa)**

METABOLISM

Association between urinary zinc excretion and lymphocyte dysfunction in patients with lung cancer. Allen JI, et al. **Am J Med** 1985 Aug;79(2):209–15

Gastrin-releasing peptide, a mammalian analog of bombesin, is present in human neuroendocrine lung tumors. Bostwick DG, et al. **Am J Pathol** 1984 Nov;117(2):195–200

Lung asbestos content in chrysotile workers with mesothelioma. Churg A, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1042–5

Nuclear DNA in histologic sections from squamous-cell carcinoma and adenocarcinoma of the lung. Nishimiya K, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):153–8

Oncogenic osteomalacia [letter] Weiss D, et al. **Ann Intern Med** 1985 Apr;102(4):557

Surface-glycoprotein patterns of established human lung cancer cell lines and primary cultures. Bergh J, et al. **Anticancer Res** 1985 Jul–Aug;5(4):323–8

What can the biology of small cell cancer of the lung teach us about the endocrine lung? Becker KL, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):155–9

Salmon and human calcitonin like material in lung cancer. Gropp C, et al. **Br J Cancer** 1985 Jun;51(6):897–901

Lung tumour cell lines synthesizing peptide hormones established from tumours of four histological types: characterization of the cell lines and analysis of their peptide hormone production. Luster W, et al. **Br J Cancer** 1985 Jun;51(6):865–75

Prognostic significance of nuclear DNA content in small cell carcinoma of the lung. Abe S, et al. **Cancer** 1985 Oct 15;56(8):2025–30

Human papillomavirus type 16 related DNA in an anaplastic carcinoma of the lung. Stremlau A, et al. **Cancer** 1985 Apr 15;55(8):1737–40

Prostaglandin and thromboxane synthesis by Lewis lung carcinoma during growth. Chiabrando C, et al. **Cancer Res** 1985 Aug;45(8):3605–8

Single- and double-strand DNA breakage and repair in human lung adenocarcinoma cells exposed to etoposide and teniposide. Long BH, et al. **Cancer Res** 1985 Jul; 45(7):3106-12

Biosynthesis of calcitonin by human lung cancer cells. Zajac JD, et al. **Endocrinology** 1985 Feb;116(2):749-55

Superoxide anion generation by polymorphonuclear leukocytes enhanced in a patient with colony-stimulating activity-producing lung cancer. Ichinose Y, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):181-4

Ectopic hormone production in carcinoma of the lung: case report and review of the literature. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):521-7 (27 ref.)

Enhancement of erythroid progenitor cell growth in medium conditioned by a human cancer cell line, KONT. Niho Y, et al. **Int J Cell Cloning** 1985 Jan;3(1):22-32

Enzymatic basis for the accumulation of glycolipids with X and dimeric X determinants in human lung cancer cells (NCI-H69). Holmes EH, et al. **J Biol Chem** 1985 Jun 25; 260(12):7619-27

Relationship between cellular retinoic acid-binding protein and histology of human lung tumors. Kohl FV. **J Cancer Res Clin Oncol** 1984;108(3):357-61

Acetylcholine receptors in small cell carcinomas. Cunningham JM, et al. **J Neurochem** 1985 Jul;45(1):159-67

Terminally differentiated derivatives of pulmonary small cell carcinomas may contain neurofilaments [letter] Clark RK, et al. **Lab Invest** 1985 Aug;53(2):243-4

Neurotensin is produced by and secreted from classic small cell lung cancer cells. Moody TW, et al. **Life Sci** 1985 May 6;36(18):1727-32

High affinity receptors for bombesin/GRP-like peptides on human small cell lung cancer. Moody TW, et al. **Life Sci** 1985 Jul 15;37(2):105-13

Peptide hormone production associated with small cell lung cancer. Havemann K, et al. **Recent Results Cancer Res** 1985;97:65-76 (46 ref.)

Studies on the property of sulfhydryl binding site on the lung normal and cancer cell membrane of Chinese hamster with maleimide spin labels. Xin WJ, et al. **Sci Sin [B]** 1984 Oct;27(10):1008-14

Buthionine sulfoximine inhibition of cystine uptake and glutathione biosynthesis in human lung carcinoma cells. Brodie AE, et al. **Toxicol Appl Pharmacol** 1985 Mar 15; 77(3):381-7

S-100 protein-positive Langerhans cells in various human lung cancers, especially in peripheral adenocarcinomas. Nakajima T, et al. **Virchows Arch [A]** 1985;407(2):177-89

Origin of laminin in the extracellular matrix of human tumor xenografts in nude mice. Damjanov I, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):45-52

[Simultaneous production of amylase and adrenocorticotropin by lung cancer--with special reference to electron microscopic and immunohistochemical studies] Yoshida Y, et al. **Gan No Rinsho** 1985 Feb;31(2):145-52 (Eng. Abstr.) **(Jpn)**

[The metabolism of trace metals in patients with lung cancer--with special reference to zinc] Yasuda S, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar;23(3):363-7 **(Jpn)**

[Two cases of CSF-producing lung tumor] Fujii H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1653-7 (Eng. Abstr.) **(Jpn)**

[Distribution kinetics and metabolism of triiodothyronine and thyroxine in the organs and tissues of mice with transplanted Lewis carcinoma] Dedenkov AN, et al. **Eksp Onkol** 1985;7(2):43-6 (Eng. Abstr.) **(Rus)**

[Lactoferrin in human lung tumors] Sergeeva NS, et al. **Eksp Onkol** 1985;7(2):64-7 (Eng. Abstr.) **(Rus)**

[Kinetics of metallo-enzymatic paramagnetic centers and free radicals in the rat liver in lung carcinogenesis] Iurkovskaia TN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):646-51 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Evidence that respiratory tract is major reservoir for Epstein-Barr virus. Lung ML, et al. **Lancet** 1985 Apr 20; 1(8434):889-92

Microbial flora associated with pulmonary neoplasms. Pieper R, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):259-61

MORTALITY

Lung cancer mortality among men living near an arsenic-emitting smelter. Pershagen G. **Am J Epidemiol** 1985 Oct;122(4):684-94

Asbestos disease in sheet metal workers: the results of a proportional mortality analysis. Zoloth S, et al. **Am J Ind Med** 1985;7(4):315-21

Long-term survivors of small cell carcinoma of the lung. Vogelsang GB, et al. **Am J Med** 1985 Jul;79(1):49-56

Lung cancer among underground workers in the iron ore mine of Kiruna based on thirty years of observation. Jorgensen HS. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):371-7

Fibre exposure and mortality from pneumoconiosis, respiratory and abdominal malignancies in chrysotile production in Quebec, 1926-75. Liddell FD, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):340-4

Hospital mortality and long-term survival in relation to preoperative function in elderly patients with bronchogenic carcinoma. Berggren H, et al. **Ann Thorac Surg** 1984 Dec; 38(6):633-6

On the role of aging in cancer incidence: analysis of the lung cancer data. Rainsford J, et al. **Anticancer Res** 1985 Jul-Aug;5(4):427-30

Environmental asbestos exposure and cancer mortality. Neuberger M, et al. **Arch Environ Health** 1984 Jul-Aug; 39(4):261-5

Combined effect of asbestos and smoking on mortality from lung cancer and mesothelioma in factory workers. Berry G, et al. **Br J Ind Med** 1985 Jan;42(1):12-8

Relations between asbestos exposure and lung cancer SMRs in occupational cohort studies. Liddell FD, et al. **Br J Ind Med** 1985 Jun;42(6):389-96

Raised mortality from lung cancer and high sex ratios of births associated with industrial pollution. Lloyd OL, et al. **Br J Ind Med** 1985 Jul;42(7):475-80

An unusual sex ratio of births in an industrial town with mortality problems. Lloyd OL, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):901-7

Participants in prospective, randomized clinical trials for resected non-small cell lung cancer have improved survival compared with nonparticipants in such trials. Davis S, et al. **Cancer** 1985 Oct 1;56(7):1710-8

Prognostic significance of laboratory parameters measured at diagnosis in small cell carcinoma of the lung. Souhami RL, et al. **Cancer Res** 1985 Jun;45(6):2878-82

Lung cancer in the young. Roviaro GC, et al. **Chest** 1985 Apr;87(4):456-9

Lung cancer, fruit, green salad and vitamin pills. Wang LD, et al. **Chin Med J [Engl]** 1985 Mar;98(3):206-10

A wind-tunnel study of the flow of air pollution in Armadale, central Scotland. Gailey FA, et al. **Ecol Dis** 1983; 2(4):419-31

Mortality in lung and gastrointestinal cancer among shipyard workers. Sandén A, et al. **Int Arch Occup Environ Health** 1985;55(4):277-83

Some ecological studies of lung cancer and ischaemic heart disease mortality in the United States. Winkelstein W Jr. **Int J Epidemiol** 1985 Mar;14(1):39-47

Trends in lung, stomach, breast and colorectal cancer in the Republic of Ireland. Corridan JP, et al. **Ir J Med Sci** 1984 Nov;153(11):374-80

Cigarette smoking and mortality rates. Burch PR. **J Chronic Dis** 1985;38(6):469-73

Population-based study of small-cell lung cancer [letter] Carter SK. **J Clin Oncol** 1985 Jun;3(6):883-4

Long-term survival in small-cell carcinoma of the lung: a population experience. Davis S, et al. **J Clin Oncol** 1985 Jan;3(1):80-91

Patterns of cigarette smoking and trends in lung cancer mortality in Italy. La Vecchia C. **J Epidemiol Community Health** 1985 Jun;39(2):157-64

Trends in lung cancer in Tennessee women. Harris JS. **J Tenn Med Assoc** 1984 Oct;77(10):582-3

Survival following resection for second and third primary lung cancers. Mathisen DJ, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):502-10

Adverse prognostic effect of N2 disease in treated small cell carcinoma of the lung. Meyer JA, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):495-501

Determinants of case survival for cancers of the lung, colon, breast and cervix in South Australia. Bonett A, et al. **Med J Aust** 1984 Nov 24;141(11):705-9

Effect of blood transfusions on survival after cancer surgery. Bickel KD, et al. **Neth J Med** 1985;28(6):257-8

Lung cancer in New Zealand women [letter] Borman B, et al. **NZ Med J** 1985 Feb 27;98(773):111-2

Lung cancer. An update. Matthews JI, et al. **Primary Care** 1985 Jun;12(2):267-81

Effect of a second factor on a linear dose-response relationship. Gardner MJ. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:183-8

Epidemiology of asbestos-related lung cancer in Japan. Hosoda Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20; 5 Suppl:83-7

Mortality from cancer and other causes among workers at a metal refinery. Tokudome S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:101-8

Further experience of Corynebacterium parvum in malignant pleural effusion. McLeod DT, et al. **Thorax** 1985 Jul; 40(7):515-8

[Prospective study of lung cancer in hospitalized patients. III. Prognosis of patients in relation to the radiographic picture] Polák J. **Cas Lek Cesk** 1985 Aug 23; 124(34):1077-81 (Eng. Abstr.) **(Cze)**

[Lifetime loss through lung cancer in Denmark and Sweden] Gjørup HL, et al. **Nord Med** 1985;100(4):100-3 (Eng. Abstr.) **(Dan)**

[Model for evaluation of occupational mortality related to asbestos (the case of the asbestos industry in France between 1950 and 1980)] Le Gales C. **Rev Epidemiol Sante Publique** 1984;32(2):122-33 (Eng. Abstr.) **(Fre)**

[Bronchial cancer in miners from the coal beds of the Lorraine basin] Dechoux J, et al. **Rev Mal Respir** 1985; 2(2):69-74 (Eng. Abstr.) **(Fre)**

[Future development of bronchial cancer mortality in West Germany] Abel U. **Off Gesundheitswes** 1985 Jan;47(1):1-5 **(Ger)**

[Causes of death of pathologists--the possible effect of formaldehyde] Brunner P, et al. **Pathologe** 1985 Jan; 6(1):43-5 **(Ger)**

[Survival curves of 169 cases of primary lung cancer] Petraglia A, et al. **Minerva Med** 1984 Dec 15; 75(47-48):2799-807 (Eng. Abstr.) **(Ita)**

[A long-term survivor of small cell lung cancer] Kusumoto S, et al. **Gan No Rinsho** 1985 Mar;31(3):323-6 (Eng. Abstr.) **(Jpn)**

[Problems in the treatment of small cell lung cancer from the standpoint of the cause of death] Saito Y, et al. **Gan No Rinsho** 1984 Dec;30(15):1875-8 (Eng. Abstr.) **(Jpn)**

[Comparison of 5-year survival of patients with malignant neoplasms from the urban and rural areas 1972-1974] Pawlega J, et al. **Nowotwory** 1984 Apr-Jun;34(2):189-94 (Eng. Abstr.) **(Pol)**

[Significance of age in the analysis of respiratory neoplasm mortality] Miller M, et al. **Pneumonol Pol** 1984 Jun; 52(6):291-8 (Eng. Abstr.) **(Pol)**

OCCURRENCE

Early lung cancer detection: summary and conclusions. **Am Rev Respir Dis** 1984 Oct;130(4):565-70

Screening for lung cancer--where are we now? Bailar JC 3d. **Am Rev Respir Dis** 1984 Oct;130(4):541-2

The National Cancer Institute Cooperative Early Lung Cancer Detection Program. Results of the initial screen (prevalence). Early lung cancer detection: Introduction. Berlin NI, et al. **Am Rev Respir Dis** 1984 Oct;130(4):545-9

Early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Memorial Sloan-Kettering study. Flehinger BJ, et al. **Am Rev Respir Dis** 1984 Oct;130(4):555-60

Early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Mayo Clinic study. Fontana RS, et al. **Am Rev Respir Dis** 1984 Oct; 130(4):561-5

Early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Johns Hopkins study. Frost JK, et al. **Am Rev Respir Dis** 1984 Oct; 130(4):549-54

Lung cancer risk and vitamin A consumption in New Mexico. Samet JM, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):198-202

Screening for bronchogenic carcinoma [editorial] Seidenfeld JJ. **Ann Intern Med** 1985 Jun;102(6):851-2

Lung cancer in women. Lahey Clinic experience, 1957-1980. Andrews JL Jr, et al. **Cancer** 1985 Jun 15;55(12):2894-8

Bronchogenic carcinoma in Olmsted County, 1935-1979. Beard CM, et al. **Cancer** 1985 May 1;55(9):2026-30

An analysis of some risk factors for lung cancer in Hong Kong. Koo LC, et al. **Int J Cancer** 1985 Feb 15; 35(2):149-55

A case-control study of lung cancer in painters. Stockwell HG, et al. **J Occup Med** 1985 Feb;27(2):125-6

A growth rate distribution model for the age dependence of human cancer incidence: a proposed role for promotion in cancer of the lung and breast. Klawansky S, et al. **J Theor Biol** 1984 Dec 7;111(3):531-87

Leads from the MMWR. Lung cancer among women. **JAMA** 1984 Nov 23-30;252(20):2806, 2811

Adenocarcinoma of the lung in patients younger than 35 years [letter] Hom BL. **JAMA** 1984 Oct 19;252(15):2007

Lung cancer and use of cigarettes: a French case-control study. Benhamou S, et al. **JNCI** 1985 Jun;74(6):1169-75

Underground mining, smoking, and lung cancer: a case-control study in the iron ore municipalities in northern Sweden. Damber L, et al. **JNCI** 1985 Jun;74(6):1207-13

Dietary history methods for epidemiologic studies: application in a case-control study of vitamin A and lung cancer. Hankin JH, et al. **JNCI** 1984 Dec;73(6):1417-22

Dietary carotene and vitamin A and risk of lung cancer among white men in New Jersey. Ziegler RG, et al. **JNCI** 1984 Dec;73(6):1429-35

Lung cancer among women--Tennessee. **MMWR** 1984 Oct 19;33(41):586-8

Some aspects on validity of breast cancer, pancreatic cancer and lung cancer registration in Swedish official statistics. Mattsson B, et al. **Radiother Oncol** 1985 Aug;4(1):63-70

Lung cancer in patients with tracheostomy due to cancer of the larynx. Rodriguez E, et al. **Respiration** 1984; 46(3):323-7

Malignant mesothelioma--clinical and epidemiological features. A report of 80 cases. Solomons K. **S Afr Med J** 1984 Sep 15;66(11):407-12

[Pulmonary scar cancer (PSC). An analysis of 38 cases] Wu HS. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):131-4 (Eng. Abstr.) **(Chi)**

[Lung cancer in the municipality of Strandby and the rest of Fredrikshavn. 1968-1984] Jensen OM. **Ugeskr Laeger** 1984 Jul 23;146(30):2264-6 **(Dan)**

[Comparative epidemiology, in Europe, of cancers related to tobacco (lung, larynx, pharynx, oral cavity)] Moulin JJ, et al. **Bull Cancer (Paris)** 1985;72(2):155-8 (Eng. Abstr.) **(Fre)**

[Epidemiology of bronchial carcinoma] Goldman S. **Arch Geschwulstforsch** 1984;54(4):343-55 (Eng. Abstr.) **(Ger)**

[Primary malignant tumors in the lung and larynx --a report of 37 cases] Ono R, et al. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1507-13 (Eng. Abstr.) **(Jpn)**

[Epidemiologic study of pulmonary tuberculosis and lung cancer] Aoki K. **Kekkaku** 1985 Mar;60(3):137-9 **(Jpn)**

[Incidence of lung cancer in Katowice Province] Zemla B. **Pneumonol Pol** 1984 Nov-Dec;52(11-12):581-7 (Eng. Abstr.) **(Pol)**

PATHOLOGY

Possible spread of bronchogenic carcinoma to the chest wall after a transthoracic fine needle aspiration biopsy. A case report. Moloo Z, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):167-9

Diagnostic accuracy of lung cytology: terminology [letter] Sonrun HZ. **Acta Cytol (Baltimore)** 1985 Mar-Apr; 29(2):184-5

Cytologic and histologic correlation in primary lung cancer. A study of 154 cases with resectable tumors. Tanaka T, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):49-56

Intravascular bronchioloalveolar tumor. Report of an autopsy case and review of literature. Taguchi T, et al. **Acta Pathol Jpn** 1985 May;35(3):631-42

Chronic granulomatous disease of childhood and sea-blue histiocytosis. A pathologic study of an autopsy case. Tanaka T, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1385-401

Establishment and characterization of cell lines from human small cell and large cell carcinomas of the lung. Bergh J, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 May;93(3):133-47

Supplementary tissue-core histology from fine-needle transthoracic aspiration biopsy. Greene R, et al. **AJR** 1985 Apr;144(4):787-92

Transthoracic needle aspiration biopsy of benign and malignant lung lesions. Khouri NF, et al. **AJR** 1985 Feb; 144(2):281-8

Use of the Rotex needle in percutaneous biopsy of pulmonary malignancy. Nahman BJ, et al. **AJR** 1985 Jul;145(1):97-9

'Bull's eye' or 'target' lesions of the stomach secondary to carcinoma of the lung. Rubin SA, et al. **Am J Gastroenterol** 1985 Jan;80(1):67-9

Paraneoplastic syndromes and constitutional symptoms in prediction of metastatic behavior of small cell carcinoma of the lung. de la Monte SM, et al. **Am J Med** 1984 Nov; 77(5):851-7

Noncaseating pulmonary granulomas associated with small cell carcinoma of the lung. Lynch JP 3d, et al. **Am J Med** 1985 Apr;78(4):691-6

Second primary bronchogenic carcinomas after small cell carcinoma [letter] Tan M, et al. **Am J Med** 1985 Apr; 78(4):A46, A60

Clara cell adenomas of the mouse lung. Interaction with alveolar type 2 cells. Palmer KC. **Am J Pathol** 1985 Sep; 120(3):455-63

Squamous-cell carcinoma of the lung. NHMI-induced squamous-cell carcinoma in the lungs of rats. Taylor HW, et al. **Am J Pathol** 1985 Apr;119(1):168-70

Stage IVA Hodgkin's disease of the lung. Grossman NJ, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):332-4

Six cases of well-differentiated adenocarcinoma simulating fetal lung tubules in pseudoglandular stage. Comparison with pulmonary blastoma. Kodama T, et al. **Am J Surg Pathol** 1984 Oct;8(10):735-44

Endobronchial polypoid adenocarcinoma of the lung. Histological and ultrastructural studies of five cases. Kodama T, et al. **Am J Surg Pathol** 1984 Nov;8(11):845-54

Extrahepatic biliary obstruction and small-cell lung carcinoma [letter] Witt PC, et al. **Ann Intern Med** 1985 Sep;103(3):476

Growth stimulation by misonidazole of lung carcinoma cells maintained in continuous organotypic and monolayer cultures. Chevillard S, et al. **Anticancer Res** 1985 Mar-Apr; 5(2):241-7

Characterisation of a cell line from a human lung lymphosarcoma. Abundance of vimentin-type intermediate filaments. Stark M, et al. **Anticancer Res** 1985 Mar-Apr; 5(2):235-9

Malignant neoplasms metastasizing to a benign host tumor [letter] Howell LP. **Arch Pathol Lab Med** 1984 Dec; 108(12):940-1

Pulmonary endodermal tumor resembling fetal lung. Report of a case with immunohistochemical studies. Manning JT Jr, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):48-50

Peripheral small-cell carcinoma of the lung resembling carcinoid tumor. A clinical and pathologic study of 14 cases. Mark EJ, et al. **Arch Pathol Lab Med** 1985 Mar; 109(3):263-9

Metastasis to pituitary adenoma. Molinatti PA, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):287-9

Lung carcinoma by histologic type in coal miners. Vallyathan V, et al. **Arch Pathol Lab Med** 1985 May;109(5):419-23

Histochemical studies of dense-core granulated tumors of the lung. Neuron-specific enolase as a marker for granulated cells. Wilson TS, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):613-20

Rapidly progressive fatal pulmonary infiltration by lymphoma. Kennedy P, et al. **Aust NZ J Med** 1985 Feb; 15(1):62-5

Cell selection from a murine tumour using the fluorescent probe Hoechst 33342. Chaplin DJ, et al. **Br J Cancer** 1985 Apr;51(4):569-72

Growth of human bronchial carcinomas in nude mice. Mattern J, et al. **Br J Cancer** 1985 Feb;51(2):195-200

The response of tumour cells to radiation and cytotoxic drugs--a comparison of clonogenic and isotope uptake assays. Twentyman PR, et al. **Br J Cancer** 1984 Nov; 50(5):625-31

Pulmonary carcinosarcoma: a case study and review of the literature. Cabarcos A, et al. **Br J Dis Chest** 1985 Jan; 79(1):83-94

Invasive pulmonary haemangiomatosis. Heath D, et al. **Br J Dis Chest** 1985 Jul;79(3):284-94

Bronchioloalveolar cell carcinoma: a 21-year retrospective study of cases at the Western Infirmary, Glasgow. Thomas JS, et al. **Br J Dis Chest** 1985 Apr;79(2):132-40

Extramedullary plasmacytoma of the lung. Amin R. **Cancer** 1985 Jul 1;56(1):152-6

Ultrastructural diagnosis of epithelial malignant mesothelioma. Burns TR, et al. **Cancer** 1985 Oct 15; 56(8):2036-40

Natural history of pulmonary scar cancers. Clinical and pathologic implications. Cagle PT, et al. **Cancer** 1985 Oct 15;56(8):2031-5

Presenting conditions of 1539 population-based lung cancer patients by cell type and stage in New Hampshire and Vermont. Chute CG, et al. **Cancer** 1985 Oct 15; 56(8):2107-11

Carcinoid tumorlets of the lung with metastasis to a peribronchial lymph node. Report of a case and review of the literature. D'Agati VD, et al. **Cancer** 1985 May 15; 55(10):2472-6

Large cell neuroendocrine tumors of the lung. Clinical significance and histopathologic definition. Hammond ME, et al. **Cancer** 1985 Oct 1;56(7):1624-9

Pulmonary lymphomas and other pulmonary lymphoid lesions. A clinicopathologic and immunologic study of 64 patients. Kennedy JL, et al. **Cancer** 1985 Aug 1; 56(3):539-52

The value of the bone scan and bone marrow biopsy staging small cell lung cancer. Levitan N, et al. **Cancer** 1985 Aug 1;56(3):652-4

Effect of histologically verified TNM stage on disease control in treated small cell carcinoma of the lung. Meyer JA. **Cancer** 1985 Apr 15;55(8):1747-52

Intratumoral phenotypic diversity of cloned human lung tumor cell lines and consequences for analyses with monoclonal antibodies. Olsson L, et al. **Cancer** 1984 Nov 1;54(9):1757-65

Bronchopulmonary Kulchitzky cell carcinomas. A new classification scheme for typical and atypical carcinoids. Paladugu RR, et al. **Cancer** 1985 Mar 15;55(6):1303-11

Frequency, diagnosis, and prognosis of spinal cord compression in small cell bronchogenic carcinoma. A review of 817 consecutive patients. Pedersen AG, et al. **Cancer** 1985 Apr 15;55(8):1818-22

Intrathoracic Hodgkin's disease. A case presentation with multiple pulmonary nodules in the absence of mediastinal or hilar node disease. Strum SB, et al. **Cancer** 1985 Oct 15;56(8):1953-6

Well-differentiated lymphocytic lymphoma. A study of 47 patients with primary manifestation in the lung. Turner RR, et al. **Cancer** 1984 Nov 15;54(10):2088-96

Lung metastasis of malignant epithelioid hemangioendothelioma mimicking a primary intravascular bronchioalveolar tumor. A histologic, ultrastructural, and immunohistochemical study. Verbeken E, et al. **Cancer** 1985 Apr 15;55(8):1741-6

Mineral dusts in lungs with scar or scar cancer. Yao YT, et al. **Cancer** 1984 Nov 1;54(9):1814-23

Thymus function in patients with resectable lung carcinoma. Israël L, et al. **Cancer Immunol Immunother** 1984;18(1):24-8

Establishment and identification of small cell lung cancer cell lines having classic and variant features. Carney DN, et al. **Cancer Res** 1985 Jun;45(6):2913-23

Transfer of age-associated restrained tumor growth in mice by old-to-young bone marrow transplantation. Ershler WB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5677-80

Characterization of variant subclasses of cell lines derived from small cell lung cancer having distinctive biochemical, morphological, and growth properties. Gazdar AF, et al. **Cancer Res** 1985 Jun;45(6):2924-30

Oxidative properties of 12-O-tetradecanoylphorbol-13-acetate-stimulated human blood monomorphonuclear leukocytes and their toxicity against a human lung carcinoma cell line. Gescher A, et al. **Cancer Res** 1985 Apr;45(4):1638-43

Characterization of the growth inhibition induced by tumor-promoting phorbol esters and of their receptor binding in A549 human lung carcinoma cells. Gescher A, et al. **Cancer Res** 1985 Sep;45(9):4315-21

Separation of clonogenic tumor cells from small cell lung cancer bone marrow and small cell lung cancer cell lines. Gordon LI, et al. **Cancer Res** 1984 Nov;44(11):5404-8

Stability and utility of the unique human small cell carcinoma line SHP-77. Koros AM, et al. **Cancer Res** 1985 Jun; 45(6):2725-31

Immunocytochemical and morphological evidence for the origin of N-nitrosomethylurea-induced and naturally occurring primary lung tumors in F344/NCr rats. Ohshima M, et al. **Cancer Res** 1985 Jun;45(6):2785-92

Differential effects of 12-O-tetradecanoylphorbol-13-acetate on cultured normal and neoplastic human bronchial epithelial cells. Willey JC, et al. **Cancer Res** 1984 Nov; 44(11):5124-6

Relationships between morphology, dissemination, migration, and prostaglandin E2 secretion by cloned variants of Lewis lung carcinoma. Young MR, et al. **Cancer Res** 1985 Aug; 45(8):3918-23

Histomorphology of human lung cancer. Askin FB, et al. **Carcinog Compr Surv** 1985;8:1-15

Perspective on pathologic predisposition to lung cancer in humans. Kuschner M. **Carcinog Compr Surv** 1985;8:17-21

Adverse effect of cyclophosphamide at moderate dose in combination with standard drugs on intraperitoneally implanted Lewis lung carcinoma in mice. Furusawa E, et al. **Chemotherapy** 1985;31(3):216-22

Breakage of alligator forceps in transbronchial biopsy [letter] **Chest** 1985 Jul;88(1):156-7

Lung cancer and pleural effusion. Clinical significance and study of pleural metastatic locations. Cantó A, et al. **Chest** 1985 May;87(5):649-52

Transbronchial needle aspiration in the diagnosis of submucosal and peribronchial bronchogenic carcinoma. Shure D, et al. **Chest** 1985 Jul;88(1):49-51

The role of transcarinal needle aspiration in the staging of bronchogenic carcinoma. Shure D, et al. **Chest** 1984 Nov; 86(5):693-6

Parietal pleural plaques, asbestos bodies, and neoplasia. A clinical, pathologic, and roentgenographic correlation of 25 consecutive cases. Wain SL, et al. **Chest** 1984 Nov; 86(5):707-13

Intramedullary metastases: report of 4 cases and review of the literature. Schwechheimer K, et al. **Clin Neuropathol** 1985 Jan-Feb;4(1):28-37

Efficacy of cytology in the diagnosis of lung cancer. Messina NJ 3d. **Conn Med** 1985 Jan;49(1):10-1

Metastasis of pulmonary carcinoma to the nail unit. Kegel MF, et al. **Cutis** 1985 Feb;35(2):121-2, 124

Automatic cell identification and enrichment in lung cancer: V. Adenocarcinoma and large cell undifferentiated carcinoma. Tyrer HW, et al. **Cytometry** 1985 Jan;6(1):37-46

DNA distribution in non-small-cell lung carcinomas and its relationship to clinical behavior. Volm M, et al. **Cytometry** 1985 Jul;6(4):34[illegible]-56

Retention of labelled 5-iodo-2-deoxyuridine after intratumorous injection as a possible indicator of the cellular kinetics. Andrysek O, et al. **Czech Med** 1984; 7(3):161-6

Transcarinal mediastinal needle biopsy as a supplement to bronchoscopic evaluation of neoplastic lung diseases. Brynitz S, et al. **Endoscopy** 1985 Jan;17(1):18-20

Diagnostic thoracoscopy in pleuro-pulmonary infiltrates without pleural effusion. Faurschou P. **Endoscopy** 1985 Jan; 17(1):21-5

Intravascular bronchioloalveolar tumour. Borlee-Hermans G, et al. **Eur J Respir Dis** 1985 May;66(5):341-6

Morphological aspects of mesotheliomas after intratracheal instillations of fibrous dusts in Syrian golden hamsters. Mohr U, et al. **Exp Pathol** 1984;26(3):179-83

Interconversion of biological characteristics of small cell lung cancer depending on culture conditions. Terasaki T, et al. **Gann** 1984 Dec;75(12):1089-99

Ovarian metastases from cancer of the lung: problems in interpretation--a report of seven cases. Young RH, et al. **Gynecol Oncol** 1985 Jul;21(3):337-50

Transitional cell carcinoma in a pelvic kidney associated with recurrent lung cancer. Terai A, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1641-4

A study of multiple primary malignant neoplasms associated with lung cancer. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):447-53 (22 ref.)

Malignant histiocytosis. Report of twenty-five cases with pulmonary, renal and/or gastro-intestinal involvement. Aozasa K, et al. **Histopathology** 1985 Jan;9(1):39-49

Immunohistological study of malignant diffuse mesotheliomas of the pleura. Loosli H, et al. **Histopathology** 1984 Sep; 8(5):793-803

The pulmonary plasma cell/histiocytoma complex. Spencer H. **Histopathology** 1984 Nov;8(6):903-16

Primary malignant melanomas of the lung and adrenal. Carstens PH, et al. **Hum Pathol** 1984 Oct;15(10):910-4

Adenosquamous carcinoma of the lung: a clinical and pathologic study of seven cases. Fitzgibbons PL, et al. **Hum Pathol** 1985 May;16(5):463-6

Kaposi's sarcoma presenting as pulmonary disease in the acquired immunodeficiency syndrome: diagnosis by lung biopsy. Nash G, et al. **Hum Pathol** 1984 Oct; 15(10):999-1001

Lung cancer heterogeneity: a blinded and randomized study of 100 consecutive cases. Roggli VL, et al. **Hum Pathol** 1985 Jun;16(6):569-79

Carcinoid tumor of lung with haemorrhagic pleural effusion and extensive metastasis. Bichile LS, et al. **Indian J Chest Dis Allied Sci** 1984 Jan-Mar;26(1):51-3

Primary chondroma of the lung. Sampath Kumar A, et al. **Indian J Chest Dis Allied Sci** 1984 Apr-Jun;26(2):114-8

Malignant fibrous histiocytoma of the lung. Banerjee A, et al. **Indian Pediatr** 1985 Mar;22(3):246-8

Development of a rat lung cancer model. Byhardt RW, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2125-30

Comparative study on Lewis lung tumor lines with 'low' and 'high' metastatic capacity. I. Growth rate, morphology and resistance to host defence. Pál K, et al. **Invasion Metastasis** 1985;5(3):159-69

Primary haemangiopericytoma of lung. Sharma SK, et al. **J Assoc Physicians India** 1984 Jul;32(7):608-10

Sites of recurrence in resected stage I non-small-cell lung cancer: a guide for future studies. Feld R, et al. **J Clin Oncol** 1984 Dec;2(12):1352-8

Detection of bone marrow metastasis in small-cell lung cancer by monoclonal antibody. Stahel RA, et al. **J Clin Oncol** 1985 Apr;3(4):455-61

Clear cell carcinoma of the lung. Edwards C, et al. **J Clin Pathol** 1985 Aug;38(8):880-5

Role of computed tomography and mediastinoscopy in preoperative staging of lung carcinoma. Brion JP, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):480-4

Case report: aspirated foreign body acting as tumor marker. Pokorney ES, et al. **J Med Soc NJ** 1985 May;82(5):395-6

Effectiveness of scalene node biopsy for staging of lung cancer in the absence of palpable adenopathy. Bernstein MP, et al. **J Surg Oncol** 1985 May;29(1):46-9

The Nashville experience with scalene node biopsy--a procedure of limited application. Ikard RW. **J Tenn Med Assoc** 1985 Feb;78(2):73-7

Transcarinal mediastinal needle biopsy compared with mediastinoscopy. Brynitz S, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):21-4

Computed tomography. An effective technique for mediastinal staging in lung cancer. Daly BD Jr, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):486-94

Pleural lavage after pulmonary resection for bronchogenic carcinoma. Eagan RT, et al. **J Thorac Cardiovasc Surg** 1984 Dec;88(6):1000-3

Chest wall invasion in carcinoma of the lung. Therapeutic and prognostic implications. McCaughan BC, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):836-41

Perioperative blood transfusion adversely affects prognosis after resection of Stage I (subset N0) non-oat cell lung cancer. Tartter PI, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):659-62

Heterogeneity of histiocytes in primary lung cancer stained with anti-S100 protein, lysozyme and OKT 6 antibodies. Furukawa T, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):647-57

Factors affecting the rate of positivity of sputum cytology in lung cancer. Kawachi H, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):451-6

Large cell carcinoma of the lung--ultrastructural and immunohistochemical studies. Kodama T, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):431-41

A new method of preparing specimens for cytodiagnosis of lung cancer. Yamagishi K, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):415-21

Gastric epitheloid leiomyomas, pulmonary chondroma, non-functioning metastasizing extra-adrenal paraganglioma and myxoma: a variant of Carney's triad. Report of a patient. Rüfenacht H, et al. **Klin Wochenschr** 1985 Mar 15;63(6):282-4

Small cell lung cancers contain intermediate filaments of the cytokeratin type. Broers J, et al. **Lab Invest** 1985 Jan;52(1):113-5

An analysis of the histologic evaluation of lung cancer. Reynolds RD, et al. **Mo Med** 1985 May;82(5):260-3

The epidermoid (squamous cell) carcinomas of the lung. A histopathological analysis of 2,150 diagnosed cases. Eskenasy A. **Morphol Embryol (Bucur)** 1984 Oct-Dec;30(4):255-67

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 1-1985. A 21-year-old woman with hemoptysis and pulmonary cavities. **N Engl J Med** 1985 Jan 3;312(1):34-42

Serum lactate dehydrogenase and bone marrow involvement in small-cell carcinoma of the lung [letter] Doll DC. **N Engl J Med** 1985 May 9;312(19):1262

Bombesin-like peptides can function as autocrine growth factors in human small-cell lung cancer. Cuttitta F, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):823-6

Bilateral diffuse malignant melanoma of the uvea associated with large cell carcinoma, giant cell type, of the lung. Case report of a newly described syndrome. Prause JU, et al. **Ophthalmologica** 1984;189(4):221-8

Metastatic eyelid carcinoma. Arnold AC, et al. **Ophthalmology** 1985 Jan;92(1):114-9

Oncocytic carcinoid of the nasal cavity and carcinoid of the lung in a child. Siwersson U, et al. **Pathol Res Pract** 1984 Jul;178(6):562-9

Small cell anaplastic carcinoma of the lung: an entity? Sterrett GF, et al. **Pathology** 1984 Oct;16(4):371-4 (44 ref.)

Detection of carcinoembryonic antigen as an aid in differential diagnosis of cells in pleural and peritoneal effusions. Breborowicz D, et al. **Patol Pol** 1984 Jan-Mar;35(1):37-43

A clinical statistical analysis of 4,931 lung cancer cases in Japan according to histological type--field study results. A report from the Japanese Joint Committee of Lung Cancer Associated with the TNM System of Clinical Classification (UICC). Yoshimura K. **Radiat Med** 1984 Oct-Dec;2(4):237-51

Pleural and chest wall invasion in bronchogenic carcinoma: CT evaluation. Glazer HS, et al. **Radiology** 1985 Oct;157(1):191-4

Pulmonary hamartoma: diagnosis by transthoracic needle-aspiration biopsy. Hamper UM, et al. **Radiology** 1985 Apr;155(1):15-8

Oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma. Khan A, et al. **Radiology** 1985 Aug;156(2):295-8

Bronchogenic carcinoma: staging with MR compared with staging with CT and surgery. Webb WR, et al. **Radiology** 1985 Jul;156(1):117-24

Development of three human small cell lung cancer models in nude mice. Fiebig HH, et al. **Recent Results Cancer Res** 1985;97:77-86

Small cell carcinoma of the lung: pathological anatomy. Müller KM, et al. **Recent Results Cancer Res** 1985;97:11-24 (73 ref.)

Growth characteristics and heterogeneity of small cell carcinoma of the lung. Vindeløv L, et al. **Recent Results Cancer Res** 1985;97:47-54 (33 ref.)

Elastosis in malignant tumours. Isaacson C, et al. **S Afr Med J** 1985 Jul 6;68(1):30-2

Clinical and pathological aspects of lung cancer associated with asbestosis and other pneumoconiosis. Yokoyama K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:75-82

Neoplasm to neoplasm metastasis. A renal oncocytoma with metastatic bronchogenic carcinoma. Olsen JH, et al. **Scand J Urol Nephrol** 1984;18(3):255-6

Origin of human small cell lung cancer [letter] Gazdar AF, et al. **Science** 1985 Aug 16;229(4714):679-80

Adult respiratory distress syndrome due to malignant histiocytosis. Gore TB, et al. **South Med J** 1985 Jul;78(7):858-62

The solitary pulmonary nodule in the patient with breast cancer. Casey JJ, et al. **Surgery** 1984 Oct;96(4):801-5

Esophageal perforation during mediastinoscopy--the successful management of 2 complicated cases. Dernevik L, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):179-80

Intrapulmonary thymoma: report of two cases. Kung IT, et al. **Thorax** 1985 Jun;40(6):471-4

Extrathoracic lymph node aspiration in bronchial carcinoma. Phillips MS, et al. **Thorax** 1985 May;40(5):398

Lymphangioleiomyomatosis presenting in a postmenopausal woman. Sinclair W, et al. **Thorax** 1985 Jun;40(6):475-6

Leiomyomas of the lower respiratory tract. White SH, et al. **Thorax** 1985 Apr;40(4):306-11

An immunohistochemical study of keratin, carcinoembryonic antigen, human chorionic gonadotropin and alpha-fetoprotein in lung cancer. Kimura N, et al. **Tohoku J Exp Med** 1985 Jan;145(1):23-38

The Will Rogers phenomenon: improved technologic diagnosis and stage migration as a source of nontherapeutic improvement in cancer prognosis. Feinstein AR, et al. **Trans Assoc Am Physicians** 1984;97:19-24

The growth rate in the interpretation of the natural history of lung cancer. Galante E, et al. **Tumori** 1984 Oct 31;70(5):427-32

Lung tumor in a 54-year-old female. Kodama T, et al. **Ultrastruct Pathol** 1984;7(2-3):227-34

Immunohistochemical and ultrastructural analysis of bronchopulmonary neuroendocrine neoplasms. II. Well-differentiated neuroendocrine carcinomas. Warren WH, et al. **Ultrastruct Pathol** 1984;7(2-3):185-99

The use of vimentin antibodies in the diagnosis of malignant mesothelioma. Jasani B, et al. **Virchows Arch [A]** 1985;406(4):441-8

Tumour volume and macroscopic growth pattern of bronchogenic carcinoma. Kayser K, et al. **Virchows Arch [A]** 1985;405(3):387-97

Atypical lipomatous hamartoma of the lung. Palvio D, et al. **Virchows Arch [A]** 1985;405(2):253-61

Carinal forceps biopsy via the fiberoptic bronchoscope in the routine staging of lung cancer. Shure D, et al. **West J Med** 1985 Apr;142(4):511-3

[Acanthosis nigricans as a paraneoplastic syndrome in a patient with lung carcinoma] Petranov E, et al. **Vutr Boles** 1984;23(6):83-6 **(Bul)**

[Löfgren's syndrome (a description of a case)] Stoianov S, et al. **Vutr Boles** 1985;24(2):93-6 (Eng. Abstr.) **(Bul)**

[Primary pulmonary choriocarcinoma in a male: report of a case and review of the literature] Kuang XW. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Dec;7(6):354-5, 383 (Eng. Abstr.) **(Chi)**

[The diagnostic value of transbronchial lung biopsy via bronchofiberscope in the peripheral solitary pulmonary lesion with emphasis on its pathological basis] Zhou ZL. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):92-4 (Eng. Abstr.) **(Chi)**

[Primary bronchogenic carcinoma in children--report of a case and review of literature] Chen YS. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):466-7 (Eng. Abstr.) **(Chi)**

[Establishment of lung adenocarcinoma cell line in Gejiu (GLC-82) and study of its biologic properties] Liang MD. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):81-2 (Eng. Abstr.) **(Chi)**

[Pathology of small cell lung carcinoma (SCLC)] Liu FS. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):116-8 (Eng. Abstr.) **(Chi)**

[Morphologic observations of early bronchogenic carcinoma and its peripheral foci. A case report of a lesion 3 mm in diameter] Min J. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):306-7 (Eng. Abstr.) **(Chi)**

[Establishment and study of biologic properties of a mouse lung adenocarcinoma cell line (LA-795)] Zhang ZW. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):83-6 (Eng. Abstr.) **(Chi)**

[Effect of C. parvum-activated macrophages on tumor cells: a microcinematographic study] Guo SY. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):140-3 (Eng. Abstr.) **(Chi)**

[Establishment of five human pulmonary carcinoma cell lines and their biologic properties] Wang H. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):208-11 (Eng. Abstr.) **(Chi)**

[Cancer embolization into the lungs] Kupari M, et al. **Duodecim** 1984;100(22):1505-14 (Eng. Abstr.) **(Fin)**

[Contribution of transparietal pulmonary puncture to the cytologic diagnosis of bronchiolo-alveolar carcinomas of the lung] Neyra M, et al. **Arch Anat Cytol Pathol** 1984;32(3):187 **(Fre)**

[Recurrent dysimmune lymphomatosis with double palpebral and pulmonary localization. Value of immunohistological study] Entraygues H, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1301-4 **(Fre)**

[Cervical and parasternal mediastinoscopy. Surgical technics in the examination of superior mediastinal lymph nodes] Pagé A, et al. **Union Med Can** 1985 May;114(5):393-7 (Eng. Abstr.) **(Fre)**

[Cytological-histological case study of a dimorphous bronchial carcinoma] Polen M, et al. **Arch Geschwulstforsch** 1985;55(3):203-5 (Eng. Abstr.) **(Ger)**

[Histological subtypes of bronchial carcinoma and their biological behavior] Schmid KO. **Onkologie** 1984 Oct;7(5):260-2 (Eng. Abstr.) **(Ger)**

[Hematogenous metastasis of bronchial carcinoma depending on the tumor size and the presence of lymph node metastases. An autopsy study] Kunze E, et al. **Pathologe** 1985 Mar;6(2):71-9 **(Ger)**

[Discrepancy between the cytologic and histologic classification of bronchial cancer] Radenbach D, et al. **Prax Klin Pneumol** 1985 Feb;39(2):50-3 (Eng. Abstr.) **(Ger)**

[Critical remarks on computer tomography of the chest in the staging of bronchial cancer] Jegge P, et al. **Schweiz Med Wochenschr** 1985 Mar 2;115(9):297-301 (Eng. Abstr.) **(Ger)**

[Brain metastases as primary manifestation of non-small cell bronchogenic carcinomas] Ludwig R, et al. **Schweiz Med Wochenschr** 1984 Dec 15;114(50):1878-83 (Eng. Abstr.) **(Ger)**

[Clinico-pathological conference: a 61-year-old patient with thoracic suffusion, weight gain and ankle edema] Lüscher T, et al. **Schweiz Rundsch Med Prax** 1985 Feb 19;74(8):185-90 (Eng. Abstr.) **(Ger)**

[Malignant fibrous histiocytoma of the lung] Lessel W, et al. **Z Erkr Atmungsorgane** 1984;163(1):70-4 (Eng. Abstr.) **(Ger)**

[Value of computerized tomography for the staging of bronchial cancer] Rotte KH, et al. **Z Erkr Atmungsorgane** 1984;163(2):153-61 (Eng. Abstr.) **(Ger)**

[Monstrous hemangiopericytoma of the lung] Schwesinger G, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):314-6 (Eng. Abstr.) **(Ger)**

[Percutaneous catheter-embolization in carcinoid liver metastasis] Jermendy G, et al. **Orv Hetil** 1985 Jul 28;126(30):1851-4 (Eng. Abstr.) **(Hun)**

[Juvenile malignant neuroectodermal tumors of the lung] Dini S, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):121-8 **(Ita)**

[Role of the microenvironment in determining the typology of pulmonary carcinoma] Gabbrielli S. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):239-50 **(Ita)**

[Carcinoma of the lung: histomorphologic and histobiologic correlations] Aliperta A, et al. **Arch Monaldi** 1984 May-Jun;39(3):133-48 (Eng. Abstr.) **(Ita)**

[Pneumoblastoma: contribution to the study of 2 unreported cases] Stanta G, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):267-78 (Eng. Abstr.) **(Ita)**

[Concomitance of gastric epithelioid leiomyosarcoma, functional extra-adrenal paraganglioma and chondroma of the lung] Bigotti G, et al. **Clin Ter** 1984 Aug 15;110(3):271-5 (Eng. Abstr.) **(Ita)**

[The so-called multiple leiomyomatous hamartoma of the lung] Campioni N, et al. **Clin Ter** 1985 Mar 31;112(6):551-6 (Eng. Abstr.) **(Ita)**

[Multiple neoplastic combinations in the aged. Case contribution] Pupillo M, et al. **Minerva Med** 1985 Apr 28;76(17-18):859-64 (Eng. Abstr.) **(Ita)**

[Cytological aspects of primary pulmonary carcinomas on percutaneous fine-needle aspirates. Contribution of 74 cases] d'Alessio C, et al. **Pathologica** 1984 Nov-Dec;76(1046):669-76 (Eng. Abstr.) **(Ita)**

[Primary pulmonary leiomyosarcoma with bone formation] Nishimura T, et al. **Gan No Rinsho** 1985 Jan;31(1):87-90 (Eng. Abstr.) **(Jpn)**

[Three cases of primary lung and mediastinal malignant germ cell tumors --clinical and pathological studies] Nozaki M, et al. **Gan No Rinsho** 1984 Aug;30(10):1314-20 (Eng. Abstr.) **(Jpn)**

[Adenocarcinoma of the esophagus (early stage) concomitant with lung cancer--a case report] Shima S, et al. **Gan No Rinsho** 1985 Feb;31(2):193-8 (Eng. Abstr.) **(Jpn)**

[Update of human tumor clonogenic assay in carcinoma of the lung] Kanzawa F. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1552-9 (Eng. Abstr.) **(Jpn)**

[Correlation between tumor histology and prognostic factors in lung cancer cases] Kodama T. **Gan To Kagaku Ryoho** 1985 Jan;12(1):45-53 (Eng. Abstr.) **(Jpn)**

[In vitro chemosensitivity of lung cancer and other chest tumors evaluated by human tumor colony assay] Lee K, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2537-43 (Eng. Abstr.) **(Jpn)**

[In vitro drug-sensitivity test using human tumor clonogenic assay in lung cancer patients] Ohnoshi T, et al.

Gan To Kagaku Ryoho 1985 Aug;12(8):1582-7 (Eng. Abstr.) **(Jpn)**
[Clinical studies on the lymphatic metastasis of pulmonary cancer--especially the investigation on the intrapulmonary and hilar lesions] Shimotakahara T. **Igaku Kenkyu** 1984 May;54(5):497-518 (Eng. Abstr.) **(Jpn)**
[Alveolar cell carcinoma and its histogenesis: a review] Tamai S. **Kokyu To Junkan** 1985 Jan;33(1):41-50 (86 ref.) **(Jpn)**
[Comparison between bronchogenic carcinoma and esophageal carcinoma in regard to distribution patterns of mediastinal metastases--analysis using computed tomography] Matsubara T, et al. **Kyobu Geka** 1985 Apr;38(4):255-65 (Eng. Abstr.) **(Jpn)**
[A case of thoracic empyema with broncho-pleural fistula existing for 57 years. Histological findings of squamous cell carcinoma in the resected lung] Tsuji Y, et al. **Kyobu Geka** 1984 Sep;37(10):768-72 (Eng. Abstr.) **(Jpn)**
[CT diagnosis of mediastinal lymph node metastasis] Yoshida S, et al. **Kyobu Geka** 1985 May;38(5):373-9 (Eng. Abstr.) **(Jpn)**
[Autopsy findings of tuberous sclerosis accompanied by diffuse pulmonary hamartoangiomyomatosis] Sato M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):501-5 (Eng. Abstr.) **(Jpn)**
[A case of T-cell malignant lymphoma with huge thin-walled cavities in the lung after chemotherapy] Yamaguchi E, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct;22(10):939-43 (Eng. Abstr.) **(Jpn)**
[Prognosis of metastatic brain tumor from lung cancer with special reference to its stages] Nomura K, et al. **No Shinkei Geka** 1985 Feb;13(2):159-65 (Eng. Abstr.) **(Jpn)**
[Clinicopathological approach to lung cancer] Mikami R, et al. **Rinsho Byori** 1984 Oct;32(10):1047-55 (15 ref.) **(Jpn)**
[Clinical analyses of patients with lung cancer associated with intrapulmonary metastasis] Watanabe Y, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):448-54 (Eng. Abstr.) **(Jpn)**
[A case of cancer with 2 different histological structures] Cesarz-Fronczyk M, et al. **Pneumonol Pol** 1985 Feb;53(2):105-7 **(Pol)**
[Morphological changes in the trunk and branches of the pulmonary artery in metastatic lung cancer] Dikshtein EA, et al. **Arkh Patol** 1985;47(3):28-32 (Eng. Abstr.) **(Rus)**
[Local tumor-like amyloidosis of the lungs] Kan'shina NF, et al. **Arkh Patol** 1984;46(12):69-71 (Eng. Abstr.) **(Rus)**
[Interaction of the tumor and immunocompetent cells of lung cancer patients in diffusion chambers] Berezhnaia NM, et al. **Eksp Onkol** 1985;7(3):37-40 (Eng. Abstr.) **(Rus)**
[Cloning of Lewis lung carcinoma cells in agar cultures in diffusion chambers] Kolesnikova AI, et al. **Eksp Onkol** 1984;6(2):32-5 (Eng. Abstr.) **(Rus)**
[Metastasis of small-cell lung cancer to the appendix] Levchenko AM, et al. **Klin Khir** 1985 May;(5):56-7 **(Rus)**
[2 cases of lung teratomas] Marchuk IK. **Klin Khir** 1985 May;(5):61-2 **(Rus)**
[Cytologic characteristics of carcinoid of the lung] Tikhomirova EE, et al. **Lab Delo** 1985;(4):217-20 (Eng. Abstr.) **(Rus)**
[Case of reticulohistiocytosis in an adolescent] Kuzina LN, et al. **Probl Tuberk** 1985;(4):68-9 **(Rus)**
[Rare case of the primary pulmonary-mediastinal form of lymphogranulomatosis in a child] Mitinskaia LA, et al. **Probl Tuberk** 1985;(4):67-8 **(Rus)**
[Cytomorphologic characteristics of small cell carcinoma of the lung] Agamova KA, et al. **Sov Med** 1984;(12):23-6 (Eng. Abstr.) **(Rus)**
[Lung apudomas] Derizhanova IS, et al. **Vopr Onkol** 1985;31(4):21-6 (Eng. Abstr.) **(Rus)**
[Effect of tumor size and site on the prognosis in patients subjected to surgery for peripheral cancer of the lung] Drukin EIA, et al. **Vopr Onkol** 1985;31(4):33-6 (Eng. Abstr.) **(Rus)**
[In vitro sensitivity of epidermoid lung cancer to cytostatics depending upon the degree of tumor differentiation] Grants EA, et al. **Vopr Onkol** 1984;30(11):48-51 (Eng. Abstr.) **(Rus)**
[Clinico-morphological rationale for surgical tactics in local peripheral hamartomas of the lung] Koksharov VN, et al. **Vopr Onkol** 1984;30(9):47-50 (Eng. Abstr.) **(Rus)**
[Enhanced proliferation of human lung cancer cells during culture in diffusion chambers] Krutova TV, et al. **Vopr Onkol** 1984;30(8):91-5 (Eng. Abstr.) **(Rus)**
[Primary multiple involvement of the right lung with adenocarcinoma and carcinoid (a case report)] Malai EF, et al. **Vopr Onkol** 1984;30(11):93-4 **(Rus)**
[Manifestation of simultaneous bilateral primary bronchogenic carcinoma] Mrda V, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):208-12 (Eng. Abstr.) **(Scr)**
[Hyperproduction of human chorionic gonadotropins and generalized metastatic disease (clinical conference)] **Medicina (B Aires)** 1984;44(1):79-86 **(Spa)**
[Bilateral pulmonary Hodgkin's disease] Aguirre M, et al. **Rev Clin Esp** 1985 Mar;176(5):262-4 (Eng. Abstr.) **(Spa)**
[Primary lung tumors. Clinical and histopathological characteristics and course in 307 patients] Martí J, et al. **Rev Clin Esp** 1985 Jan;176(1):5-8 (Eng. Abstr.) **(Spa)**
[Bronchio-alveolar carcinoma. Consideration of 23 cases] Loera M, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):225-30 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Growth factors, oncogenes, and lung cancer. Miller YE. **Am Rev Respir Dis** 1985 Jul;132(1):178-9
Collagenase stimulation in cocultures of human fibroblasts and human tumor cells. Biswas C. **Cancer Lett** 1984 Sep;24(2):201-7
Volatile organic compounds in exhaled air from patients with lung cancer. Gordon SM, et al. **Clin Chem** 1985 Aug;31(8):1278-82
Patterns of perfusion and ventilation of the lungs in patients with small cell lung cancer before and after combination chemotherapy. Sørensen PG, et al. **Clin Physiol** 1985;5 Suppl 3:99-103
Fractionated hyperthermia and thermotolerance. Experimental studies on heat-induced resistance in tumour cells treated with hyperthermia alone or in combination with radiotherapy. Nielsen OS. **Dan Med Bull** 1984 Oct;31(5):376-90 (111 ref.)
Pulmonary function to measure response in small cell lung cancer. Aisner J, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):409-11
Autonomic dysfunction and Eaton Lambert syndrome. Mamdani MB, et al. **J Auton Nerv Syst** 1985 Apr;12(4):315-20
Cultured human alveolar macrophages from smokers with lung cancer: resolution of factors that stimulate fibroblast proliferation, production of collagenase, or prostaglandin E2. Dayer JM, et al. **J Leukocyte Biol** 1985 May;37(5):641-9
Interactions between human tumor cells and fibroblasts stimulate hyaluronate synthesis. Knudson W, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6767-71
[Clinical evaluation of regional pulmonary function in lung cancer using quantitative lung scanning--its application to the patients with poor pulmonary function] Hara F, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1184-92 (Eng. Abstr.) **(Jpn)**
[Preoperative prediction of the loss of lung function due to the surgical treatment for lung cancer] Kaneda M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun;22(6):468-73 (Eng. Abstr.) **(Jpn)**
[The state of hormonal homeostasis in patients with lung cancer under combined and radiation treatment] Izotova IA, et al. **Vopr Onkol** 1984;30(12):14-8 (Eng. Abstr.) **(Rus)**
[Prediction of impaired pulmonary function after pneumonectomy in bronchogenic carcinoma] Dangubić V, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):201-3 (Eng. Abstr.) **(Scr)**

PREVENTION & CONTROL

Re: 'Dietary vitamin A, carotene, vitamin C and risk of lung cancer in Hawaii' [letter] Houser HB. **Am J Epidemiol** 1985 Apr;121(4):623-4
The effect of prostaglandin modulators on prostate tumor growth and metastasis. Drago JR, et al. **Anticancer Res** 1984 Nov-Dec;4(6):391-4
Lung cancer: a feminist issue [editorial] Holleb AI. **CA** 1985 Mar-Apr;35(2):125-6
The organization of community disease prevention services: approaches to preventing lung cancer in the Los Angeles Basin. Cullen JW. **Cancer Detect Prev** 1984;7(4):225-35
Inhibition of growth and metastases in mice by immunization with cholesterol hemisuccinate-enriched tumor cells. Skornick Y, et al. **Cancer Lett** 1984 Dec;25(2):153-61
Protective effects of trifluralin on benzo(a)pyrene-induced tumors in A/J mice. Triano EA, et al. **Cancer Res** 1985 Feb;45(2):601-7
The role of toxicological interactions in chemical carcinogenesis. Witschi H. **Toxicol Pathol** 1984;12(1):84-8
[Eight-year follow-up of sputum cytology screening in tin miners and chemopreventive treatment of the precancerous lesion] Sun SQ. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):109-12 (Eng. Abstr.) **(Chi)**
[Role of health education and preventive studies in the control of lung cancer] Jokiel M, et al. **Pol Tyg Lek** 1985 Feb 4;40(5):143-5 (Eng. Abstr.) **(Pol)**

PSYCHOLOGY

Illness in a friend. Calland T. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1752-3
Lessons from living with cancer. Mack RM. **N Engl J Med** 1984 Dec 20;311(25):1640-4
Psychotherapy for the spouses of lung cancer patients: assessment of an intervention. Goldberg RJ, et al. **Psychother Psychosom** 1985;43(3):141-50
[Relationship with the patient with bronchopulmonary cancer. Psychological, family and social aspects] Marin I, et al. **Rev Mal Respir** 1984;1(5):277-84 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Repeated computed tomography during treatment of small cell carcinoma of the lung. Boijsen M, et al. **Acta Radiol [Diagn] (Stockh)** 1985 May-Jun;26(3):245-50
Angiography in chest diseases. II. Lung tumours. Polák J. **Acta Univ Carol [Med] (Praha)** 1984;30(3-4):161-85
Localized peribronchial thickening: a CT sign of occult bronchogenic carcinoma. Foster WL Jr, et al. **AJR** 1985 May;144(5):906-8
Value of CT in screening for mediastinal nodal metastases [letter] Friedman PJ. **AJR** 1985 Apr;144(4):865-7
Subcarinal lymph node enlargement: radiographic findings and CT correlation. Müller NL, et al. **AJR** 1985 Jul;145(1):15-9
Chest wall invasion by lung cancer: limitations of CT evaluation. Pennes DR, et al. **AJR** 1985 Mar;144(3):507-11
Comparison of computerized tomography with fiberoptic bronchoscopy in identifying endobronchial abnormalities in patients with known or suspected lung cancer. Colice GL, et al. **Am Rev Respir Dis** 1985 Mar;131(3):397-400
Computerized tomography in the diagnosis of lymphangioleiomyomatosis. Merchant RN, et al. **Am Rev Respir Dis** 1985 Feb;131(2):295-7
The value of computed tomography in staging bronchogenic carcinoma: a changing role for mediastinoscopy. Graves WG, et al. **Ann Thorac Surg** 1985 Jul;40(1):57-9
Upper abdominal computerized tomography scanning in staging non-small cell lung carcinoma. Chapman GS, et al. **Cancer** 1984 Oct 15;54(8):1541-3
Accuracy of chest computerized tomography in detecting malignant hilar and mediastinal involvement by squamous cell carcinoma of the lung. Frederick HM, et al. **Cancer** 1984 Dec 1;54(11):2390-5
Role of computerized cranial tomography in the staging of small cell carcinoma of the lung. Levitan N, et al. **Cancer Treat Rep** 1984 Nov;68(11):1375-7
Intracranial metastases in the initial staging of bronchogenic carcinoma [letter] Alexander S. **Chest** 1985 Aug;88(2):315
Chest CT in the staging of lung cancer. Farber MO, et al. **Chest** 1985 Aug;88(2):162-3
Roentgenographic evaluation of mediastinal nodes for preoperative assessment in lung cancer. McKenna RJ Jr, et al. **Chest** 1985 Aug;88(2):206-10
Screening for lung cancer [letter] Weiss W. **Chest** 1985 Feb;87(2):273-4
Computed tomography in 100 cases of bronchogenic carcinoma. Su XZ, et al. **Chin Med J [Engl]** 1984 Apr;97(4):245-50
Computed tomography for staging bronchogenic carcinoma. König R, et al. **Eur J Radiol** 1985 May;5(2):91-3
Importance and value of a preoperative diagnosis in oat cell carcinoma by radiography and its verification by fine needle biopsy (FNB). Sinner WN. **Eur J Radiol** 1985 May;5(2):94-8
Spindle cell sarcoma mimicking traumatic lung cysts. Thorvinger B, et al. **Eur J Radiol** 1985 May;5(2):152-3
Left-sided large tumour. Hillerdal G. **Eur J Respir Dis** 1984 Nov;65(8):611-2
Computed tomography in the staging of small cell lung cancer: implications for combined modality therapy. Norlund JD, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1081-4
Computed tomographic evaluation of lesions in the thoracic apex. Takasugi JE, et al. **Invest Radiol** 1985 May-Jun;20(3):260-6
The role of computed tomography of the chest in the management of small-cell lung cancer. Griffin CA, et al. **J Clin Oncol** 1984 Dec;2(12):1359-65
Detection of pulmonary metastases in patients with osteogenic and soft-tissue sarcomas: the superiority of CT scans compared with conventional linear tomograms using dynamic analysis. Pass HI, et al. **J Clin Oncol** 1985 Sep;3(9):1261-5
Multiple calcified chondrohamartomas of the lung: CT appearance. Bennett LL, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):180-2 (11 ref.)
CT features of an unusual hypervascular lung carcinoma complicating chronic asbestosis related pleural disease. Coleman BG, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):554-7
Pulmonary vein tumor thrombosis and left atrial extension in lung carcinoma. Koo BC, et al. **J Comput Tomogr** 1984 Oct;8(4):331-6
Vanishing lung tumor. Kabnick EM, et al. **J Natl Med Assoc** 1985 Mar;77(3):229-30
Hamartoma. Kabnick EM, et al. **J Natl Med Assoc** 1985 Jun;77(6):496-7
Metrizamide myelography in patients with small cell carcinoma of the lung suspected of meningeal carcinomatosis. Pedersen AG, et al. **J Neurooncol** 1985;3(1):85-9
Evaluation of pulmonary and mediastinal masses. Newell JD. **Med Clin North Am** 1984 Nov;68(6):1463-80 (42 ref.)
Fibroma of the lung. Kinas HY, et al. **NY State J Med** 1985 Jan;85(1):37-8
Pulmonary leukemia in a child presenting with infiltrative and nodular lesions. Corbaton J, et al. **Pediatr Radiol** 1984;14(6):431-2
Computed tomographic evaluation of adrenal glands in patients with bronchogenic carcinoma. Kaneko K, et al. **Radiat Med** 1984 Oct-Dec;2(4):231-3
Lung cancer and pregnancy. Stark P, et al. **Radiologe** 1985 Jan;25(1):30-2
Advanced prostatic carcinoma: pulmonary manifestations. Apple JS, et al. **Radiology** 1985 Mar;154(3):601-4
Re: Role of CT in assessing mediastinal involvement in lung cancer [letter] Black WC, et al. **Radiology** 1985 Aug;156(2):552
Thoracic tuberculosis, mycobacteriosis, MERosis, and BCGosis in a cancer treatment center. Hill CA. **Radiology** 1984 Nov;153(2):311-6

T1N0M0 bronchogenic carcinoma: assessment by CT. Pearlberg JL, et al. **Radiology** 1985 Oct;157(1):187–90

Cerebral metastases from lung carcinoma: neurological and CT correlation. Work in progress. Tarver RD, et al. **Radiology** 1984 Dec;153(3):689–92

Computed tomography of pulmonary blastoma in a child. Jaspers MJ, et al. **ROFO** 1985 Jul;143(1):104–5

Bronchography in patients with suspected lung malignancy. Moilanen A, et al. **Roentgenblatter** 1984 Aug;37(8):273–5

Alveolar cell carcinoma: diagnostic pitfalls in evaluating the chest roentgenogram. Shin MS, et al. **South Med J** 1985 Feb;78(2):193–5

[Radiological diagnosis of early peripheral cancer of the lung] Su HQ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):151–2, 191 (Eng. Abstr.) **(Chi)**

[Primary bronchogenic adenocarcinoma] Sun ZL. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):34–8, 62 (Eng. Abstr.) **(Chi)**

[X-ray manifestations of small cell lung carcinoma (SCLC). An analysis of 345 cases] Fan KH. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):119–22 (Eng. Abstr.) **(Chi)**

[Radiologic manifestations of the mediastinal type of bronchogenic carcinoma] Zhou CW. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):197–9 (Eng. Abstr.) **(Chi)**

[Prospective study of lung cancer in hospitalized patients. II. Radiographic picture] Polák J. **Cas Lek Cesk** 1985 Aug 16;124(33):1036–40 (Eng. Abstr.) **(Cze)**

[Primary pulmonary lymphoma] Natali F, et al. **Rev Pneumol Clin** 1984;40(6):355–62 (Eng. Abstr.) **(Fre)**

[X-ray image and differential diagnosis of pulmonary changes in Hodgkin's disease] Aul C, et al. **Dtsch Med Wochenschr** 1985 May 10;110(19):743–9 (Eng. Abstr.) **(Ger)**

[Leiomyomas of the lung] Gubbawy H, et al. **Prax Klin Pneumol** 1984 Nov;38(11):503–5 (Eng. Abstr.) **(Ger)**

[What does computer tomography accomplish in the evaluation of bronchopulmonary and mediastinal lymph nodes in bronchial cancer?] König R, et al. **Prax Klin Pneumol** 1984 Oct;38(10):438–41 **(Ger)**

[Comment on the paper: 'A simplified classification algorithm for overall chest views of surgical lung patients' by R. Herlbauer] Herlbauer R, et al. **Radiol Diagn (Berl)** 1985;26(2):297–8 **(Ger)**

[Simplified algorithm for the classification of the thoracic images in surgical lung diseases] Herlbauer R. **Radiol Diagn (Berl)** 1984;25(3):307–10 (Eng. Abstr.) **(Ger)**

[X-ray picture of pulmonary and pleural lymphogranulomatosis and its characteristics] Seidakov AA, et al. **Radiol Diagn (Berl)** 1985;26(2):225–31 (Eng. Abstr.) **(Ger)**

[Mediastinal CT-staging of bronchial carcinomas] Hajek P, et al. **ROFO** 1985 Jan;142(1):74–9 (Eng. Abstr.) **(Ger)**

[Computed tomographic and roentgenologic findings in bronchiolo-alveolar carcinoma of the lung] Steinbächer M, et al. **ROFO** 1985 Mar;142(3):267–9 (Eng. Abstr.) **(Ger)**

[What is the contribution of computed tomography to the staging of bronchial carcinoma?] König R, et al. **Rontgenpraxis** 1985 May;38(5):189–93 **(Ger)**

[Roundish opacity in the left pulmonary medial lobe] Perna F, et al. **Arch Monaldi** 1984 Jan–Apr;39(1–2):101–4 **(Ita)**

[Computerized tomography in the staging of bronchogenic carcinoma. Critical evaluation of 91 cases] Olivetti L, et al. **Radiol Med (Torino)** 1985 Mar;71(3):125–8 (Eng. Abstr.) **(Ita)**

[Bronchiolo-alveolar carcinoma. Radiological and clinical diagnostic considerations] Raiteri M, et al. **Radiol Med (Torino)** 1985 Jan–Feb;71(1–2):31–5 (Eng. Abstr.) **(Ita)**

[Diagnosis of bronchiolo-alveolar carcinoma] Zompatori M, et al. **Radiol Med (Torino)** 1984 May;70(5):277–82 (Eng. Abstr.) **(Ita)**

[Postoperative prophylactic irradiation of lung cancer] Tsukiyama I, et al. **Gan No Rinsho** 1985 May;31(5):505–10 (Eng. Abstr.) **(Jpn)**

[CT in the diagnosis of thoracic wall invasion of lung cancer] Ito Y, et al. **Kyobu Geka** 1985 May;38(5):380–3 (Eng. Abstr.) **(Jpn)**

[Role of computed tomography in assessing resectability of primary lung cancer] Matsumoto M, et al. **Kyobu Geka** 1985 May;38(5):361–6 (Eng. Abstr.) **(Jpn)**

[The evaluation of the anterior extrapleural line in various mediastinal mass lesions] Kobayashi Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25;44(5):688–99 (Eng. Abstr.) **(Jpn)**

[Transbronchial mediastinal lymphography using water-soluble and non-ionic contrast medium] Tauchi T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25;45(3):536–8 (Eng. Abstr.) **(Jpn)**

[Diagnostic imagings of lung cancer] Kusakabe K, et al. **Nippon Ika Daigaku Zasshi** 1985 Apr;52(2):204–6 **(Jpn)**

[A case of bronchogenic carcinoma developing in a giant bulla] Ishikawa K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):719–23 (Eng. Abstr.) **(Jpn)**

[A case of malignant fibrous histiocytoma of the lung] Tojo N, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May;22(5):423–7 (Eng. Abstr.) **(Jpn)**

[A case of neurilemmoma with prominent cystic change] Yamamoto H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):611–5 (Eng. Abstr.) **(Jpn)**

[Diagnostic possibility of pulmonary tuberculosis clinically diagnosed as pulmonary carcinoma. Comparative studies of roentgenography to the resected specimens] Katagiri S, et al. **Rinsho Hoshasen** 1985 Feb;30(2):275–9 (Eng. Abstr.) **(Jpn)**

[Selective angiography in the diagnosis of peripheral lung cancer] Dobek J, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jan–Feb;48(1):25–31 (Eng. Abstr.) **(Pol)**

[Use of computerized tomography in the diagnosis of thoracic tumors] Walecki J, et al. **Wiad Lek** 1984 Sep 1;37(17):1313–9 (Eng. Abstr.) **(Pol)**

[Radiological aspects of hilar adenopathy] Barcan F. **Rev Ig [Pneumoftiziol]** 1984 Apr–Jun;33(2):97–112 **(Rum)**

[Computerized tomography in the diagnosis of central lung cancer] Lepikhin NM, et al. **Ter Arkh** 1984;56(11):84–8 (Eng. Abstr.) **(Rus)**

[Roentgenological diagnosis of central segmental lung cancer] Gurevich LA, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):14–21 (Eng. Abstr.) **(Rus)**

[Glomangioma of the lung (Barre–Masson tumor)] Gurevich LA, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):79–82 **(Rus)**

[Skialogical characteristics of electroroentgenograms and their significance for the differential diagnosis of peripheral lung cancer] Palamarchuk VP, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):24–8 (Eng. Abstr.) **(Rus)**

[Roentgenomorphological correlations in small-size peripheral lung cancer] Romanychev IuA, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):28–36 (Eng. Abstr.) **(Rus)**

[Optimal periodicity of fluorographic examinations for detecting lung cancer] Vagner RI, et al. **Vestn Rentgenol Radiol** 1985 Jan–Feb;(1):16–8 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Tumor localization of Lewis lung carcinoma with radiolabeled monoclonal antibodies. Midoux P, et al. **Cancer Immunol Immunother** 1984;18(1):19–23

Radiolabelled peanut lectin for the scintigraphic detection of cancer. Holt S, et al. **Cancer Lett** 1984 Nov;25(1):55–60

Critical evaluation of the gallium-67 scan for surgical patients with lung cancer. McKenna RJ Jr, et al. **Chest** 1985 Apr;87(4):428–31

Gallium-67 scintigraphy for preoperative evaluation of the mediastinum in lung cancer patients [editorial] Neumann R. **Chest** 1985 Apr;87(4):415–6

False-positive liver scintigraphy secondary to posterior sulcus pulmonary neoplasm. Carollo BR, et al. **Clin Nucl Med** 1985 May;10(5):385–8

Chest radionuclide angiography in the evaluation of pulmonary masses. Hartshorne MF, et al. **Clin Nucl Med** 1984 Sep;9(9):502–5

Scintigraphic demonstration of coexisting adenoma and metastasis of the adrenal gland in a patient with bronchogenic carcinoma. Hoshi H, et al. **Clin Nucl Med** 1984 Dec;9(12):717–8

Gallium-67 citrate imaging in the evaluation of unilateral absence of pulmonary perfusion-ventilation. Huang TY. **Clin Nucl Med** 1985 Jun;10(6):438–9

Unexpected gallium uptake in benign pulmonary pathology. Report of two cases. McLean RG, et al. **Clin Nucl Med** 1984 Dec;9(12):675–8

Is ECT imaging with Tc(V)-99m dimercaptosuccinic acid useful to detect lung metastases of osteosarcoma? Ohta H, et al. **Clin Nucl Med** 1985 Jan;10(1):13–5

Apparent filling defects of the liver. Perlman SB, et al. **Clin Nucl Med** 1984 Dec;9(12):723–4

Aggressive nature of a 'cold' lesion depicted by positive flow and blood pool phases of a bone scan. Santa-Cruz FR, et al. **Clin Nucl Med** 1984 Nov;9(11):660

Unexplained transient splenic uptake of Tc-99m MDP in bronchogenic carcinoma. Sirotta P, et al. **Clin Nucl Med** 1984 Sep;9(9):495–7

Radioimmunoimaging of human small cell lung carcinoma with I-131 tumor specific monoclonal antibody. Zimmer AM, et al. **Hybridoma** 1985 Spring;4(1):1–11

Lung tumor imaging by positron emission tomography using C-11 L-methionine. Kubota K, et al. **J Nucl Med** 1985 Jan;26(1):37–42

Biodistribution of phospholipid vesicles in mice bearing Lewis lung carcinoma and granuloma. Patel KR, et al. **J Nucl Med** 1985 Sep;26(9):1048–55

Cobalt-57 bleomycin scanning for lung cancer detection: a prospective study in thoracic surgery. Slosman D, et al. **Nucl Med Commun** 1985 Apr;6(4):235–44

Accumulation of 99mTc methylene diphosphonate in malignant pleural and ascitic effusion. Kida T, et al. **Oncology** 1984;41(6):427–30

Perfusion, inhalation, and ventilation studies in patients with primary lung carcinoma. Tanabe M, et al. **Radiat Med** 1984 Oct–Dec;2(4):214–21

Gallium scanning by conventional imaging and emission computed tomography in the pretreatment evaluation of lung cancer. Broughton DL, et al. **Thorax** 1985 Feb;40(2):96–100

[Clinical value of perfusion lung scanning in patients with a lung mass] Zhu JR. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Feb;8(1):22–4, 61 (Eng. Abstr.) **(Chi)**

[Evaluation of cobalt 57-labeled bleomycin scintigraphy in the preoperative diagnosis of a pulmonary radiological image] Slosman D, et al. **Helv Chir Acta** 1985 Jan;51(6):743–6 (Eng. Abstr.) **(Fre)**

[Comparative evaluation of data processing methods for ventilation and perfusion scintigraphy of the lungs] Sorokin AI, et al. **Radiol Diagn (Berl)** 1985;26(3):413–20 (Eng. Abstr.) **(Ger)**

[99mTc-ethylenediamine-N, N-diacetic acid; a radiopharmaceutical with tumor affinity] Imoto T. **Fukuoka Igaku Zasshi** 1984 May;75(5):221–40 (Eng. Abstr.) **(Jpn)**

[Cancer detection with 18F-5-fluorodeoxyuridine—a new cancer diagnostic agent reflecting nucleic acid metabolism] Abe Y, et al. **Kaku Igaku** 1985 May;22(5):583–6 (Eng. Abstr.) **(Jpn)**

[Gallium-67 scintigraphy in evaluation of bronchogenic carcinoma treated with radiation. Correlation with local effects and prognosis] Ayabe Z, et al. **Kaku Igaku** 1985 Jan;22(1):29–35 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary chondrohamartoma observed as a slight density on 67Ga scintigraphy] Imura Y, et al. **Kyobu Geka** 1985 Jun;38(6):497–9 (Eng. Abstr.) **(Jpn)**

[Clinical significance of the liver and bone scintigraphy as preoperative examination for patients with bronchogenic carcinoma] Kihara Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25;44(7):966–71 (Eng. Abstr.) **(Jpn)**

[Imaging diagnosis of gas exchange in patients with lung cancer. Evaluation of regional ventilation and perfusion with functional imaging] Suematsu T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25;45(4):630–40 (Eng. Abstr.) **(Jpn)**

[Case of adrenal metastases from suspected lung cancer revealed by 99mTc-MDP] Kobori K, et al. **Rinsho Hoshasen** 1985 Apr;30(4):493–4 **(Jpn)**

RADIOTHERAPY

Reduced survival with radiotherapy and razoxane compared with radiotherapy alone for inoperable lung cancer in a randomised double-blind trial. Newman CE, et al. **Br J Cancer** 1985 May;51(5):731–2

Bronchoscopic implantation of radioactive gold grains into endobronchial carcinomas. Law MR, et al. **Br J Dis Chest** 1985 Apr;79(2):147–51

The hematopoietic toxicity of regional radiation therapy. Correlations for combined modality therapy with systemic chemotherapy. Abrams RA, et al. **Cancer** 1985 Apr 1;55(7):1429–35

The role of radiation therapy in the treatment of small cell lung cancer. Lichter AS, et al. **Cancer** 1985 May 1;55(9 Suppl):2163–75 (72 ref.)

T-cell abnormalities after mediastinal irradiation for lung cancer. The in vitro influence of synthetic thymosin alpha-1. Schulof RS, et al. **Cancer** 1985 Mar 1;55(5):974–83

Pilot study of multiple-fraction daily radiotherapy alternating with chemotherapy in patients with stage IV non-oat cell lung cancer. Arcangeli G, et al. **Cancer Treat Rep** 1985 Jan;69(1):25–31

Radiotherapy alone for 'nonoperability'? [letter] **Chest** 1985 Aug;88(2):318

Radiotherapy alone for patients with operable carcinoma of the lung. Cooper JD, et al. **Chest** 1985 Mar;87(3):289–92

Bronchoscopy guided simulation of a bronchial neoplasm [letter] Andrews C, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1745–6

Kinetics of cellular inactivation by fractionated and hyperfractionated irradiation in Lewis lung carcinoma. Beck-Bornholdt HP, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1171–7

Radiotherapy for lung cancer. Bleehen NM, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1001–7

Response of mouse tumor to interferon inducer and radiation. Lvovsky EA, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1721–5

Sequential hemibody and local irradiation with combination chemotherapy for small cell lung carcinoma: a preliminary analysis. Powell BL, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):457–62

Management of malignant airway obstruction: clinical and dosimetric considerations using an iridium-192 afterloading technique in conjunction with the neodymium-YAG laser. Schray MF, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):403–9

Palliative radiotherapy for inoperable carcinoma of the lung: final report of a RTOG multi-institutional trial. Simpson JR, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):751–8

Implications of lung corrections for dose specification in radiotherapy. van't Riet A, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):621–5

A randomized trial to evaluate the immunorestorative properties of synthetic thymosin-alpha 1 in patients with lung cancer. Schulof RS, et al. **J Biol Response Mod** 1985 Apr;4(2):147–58

Randomized trial of radiotherapy to the thorax in limited small-cell carcinoma of the lung treated with multiagent chemotherapy and elective brain irradiation: a preliminary report. Perez CA, et al. **J Clin Oncol** 1984 Nov;

2(11):1200–8

Heterogeneity in the radiation survival curves and biochemical properties of human lung cancer cell lines. Morstyn G, et al. **JNCI** 1984 Oct;73(4):801–7

Correlation between dose and tumor response in the radiotherapy of lung cancer of various histological types. Koga K, et al. **Jpn J Clin Oncol** 1984 Sep;14(3):301–6

Prophylactic cranial irradiation in small cell lung cancer [letter] Le Chevalier T, et al. **Lancet** 1985 Mar 23; 1(8430):692–3

Lung density effect on 125I dose distribution. Prasad SC, et al. **Med Phys** 1985 Jan–Feb;12(1):99–100

Unilateral hypoplasia of the hemithorax causing 'pseudoscoliosis' after lung irradiation in a child with Wilms' tumor. Kinsella JP, et al. **Pediatr Radiol** 1985; 15(5):340–2

Significance of postoperative irradiation for stage III lung cancer. Nishikawa K, et al. **Radiat Med** 1984 Apr–Jun; 2(2):143–7

Second report on experience with high-dosage upper and lower semi-body irradiation. III. Haematological and special enzyme findings with high-dose superfractionated upper and lower half-body irradiation. Dallüge KH, et al. **Radiobiol Radiother (Berl)** 1984;25(4):513–6

Second report on experience with high-dosage upper and lower semi-body irradiation. I. Present stage of our investigations on the optimization of a high-dosage systemic radiotherapy (upper and lower semi-body irradiation). Eichhorn HJ. **Radiobiol Radiother (Berl)** 1984; 25(4):497–504

Second report on experience with high-dosage upper and lower semi-body irradiation. II. Studies on radiation pneumonitis and tumor reaction in patients receiving upper and lower half-body irradiation treatment. Hüttner J, et al. **Radiobiol Radiother (Berl)** 1984;25(4):505–11

Present state of controlled clinical tests for the application of a single exposure of high-dose half-body irradiation in cases of small-cell bronchial carcinoma. Lesche A, et al. **Radiobiol Radiother (Berl)** 1984;25(4):517–23

Prophylactic administration of indomethacin for irradiation esophagitis. Nicolopoulos N, et al. **Radiother Oncol** 1985 Jan;3(1):23–5

The role of radiotherapy in the management of small cell bronchogenic carcinoma. Bleehen NM, et al. **Recent Results Cancer Res** 1985;97:116–26 (65 ref.)

Multifactorial analysis of NOC lung carcinoma radiotherapy. Buffoli A, et al. **Tumori** 1985 Feb 28;71(1):75–80

[The role of radiotherapy in the treatment of lung cancer] Van Houtte P. **Rev Med Brux** 1985 Jun;6(6):397–403 (Eng. Abstr.) **(Fre)**

[Therapy of bronchial carcinoma from the radiotherapist's viewpoint] Hackl A. **Onkologie** 1984 Oct;7(5):268–71 (Eng. Abstr.) **(Ger)**

[Collaborative report on 'Therapy of bronchial carcinoma from the radiotherapist's viewpoint'] Rab B, et al. **Onkologie** 1984 Oct;7(5):273–4 (Eng. Abstr.) **(Ger)**

[Current status of a randomized study of half-body irradiation of small-cell bronchial carcinoma] Lesche A, et al. **Radiobiol Radiother (Berl)** 1984;25(6):821–6 (Eng. Abstr.) **(Ger)**

[Fast neutrons in clinical radiotherapy] Lessel A. **Radiobiol Radiother (Berl)** 1985;26(1):15–25 (Eng. Abstr.) **(Ger)**

[Radiotherapy of central non-small-cell bronchial carcinoma] Hübener KH, et al. **Rontgenpraxis** 1984 Nov; 37(11):416–9 **(Ger)**

[Ventilation-perfusion scintigraphy in inoperable bronchial carcinoma treated with radiation] König H, et al. **Rontgenpraxis** 1984 Dec;37(12):458–67 **(Ger)**

[Radiation oncologic considerations on the treatment of cerebral metastases and personal experiences with 140 cases] Falk W, et al. **Strahlentherapie** 1985 Jan;161(1):13–22 (44 ref.) (Eng. Abstr.) **(Ger)**

[Radiodiagnosis of radiation-treated lung cancer] Guzzon A, et al. **Radiol Med (Torino)** 1984 May;70(5):283–93 (Eng. Abstr.) **(Ita)**

[The role of radiation therapy in the treatment of lung cancer] Takahashi M, et al. **Gan To Kagaku Ryoho** 1985 Jan; 12(1):61–9 (Eng. Abstr.) **(Jpn)**

[Changes in lymphocyte subsets in the peripheral blood of patients with lung cancer during radiotherapy--analysis with flow-cytometry. (2. On the changes with the effects of radiotherapy] Inomata T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1068–78 (Eng. Abstr.) **(Jpn)**

[Changes in lymphocyte subsets in the peripheral blood of patients with lung cancer during radiotherapy--analysis with flow cytometry. (1. On the total changes] Inomata T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20; 19(5):1055–67 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes of lymphocyte subsets in the blood of cancer patients during radiotherapy. 6. Special reference to OKT3+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20; 19(10):2279–86 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes of lymphocyte subsets in the blood of cancer patients during radiotherapy. 4. Special reference to OKT8+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1041–8 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiotherapy. 1. Special reference to OKT11+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):64–70 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation of radiosensitizing effects of misonidazole] Mitsuhashi N, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25; 44(7):956–65 (Eng. Abstr.) **(Jpn)**

[Interstitial irradiation by after-loading technic with 192Ir seed-assemblies for deep-seated malignant tumors. 2. Clinical application in lung and esophageal cancers after incomplete resections] Niwa K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):511–7 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiation therapy] Ogawa Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25;44(12):1537–45 (Eng. Abstr.) **(Jpn)**

[Results of the treatment of small cell lung cancer by radiation or radiation and chemotherapy] Watanabe K, et al. **Rinsho Hoshasen** 1985 Jan;30(1):85–6 **(Jpn)**

[Evaluation of the results of treating squamous cell carcinoma of the lungs by photon X 18 megavolt irradiation after a year] Starzyńska T, et al. **Nowotwory** 1984 Apr–Jun; 34(2):157–63 (Eng. Abstr.) **(Pol)**

[Analysis of the effectiveness of repeated radiation treatment of lung cancer] Kholin VV, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):22–7 (Eng. Abstr.) **(Rus)**

[Polychemoradiation treatment of non-small cell lung cancer] Linchenko IF, et al. **Med Radiol (Mosk)** 1985 Aug; 30(8):64–9 (39 ref.) **(Rus)**

[Effectiveness of the radiation therapy of lung cancer with conventional and median dosage fractionation] Strashinin AI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):22–4 (Eng. Abstr.) **(Rus)**

[Results of radiotherapy of lung cancer in women] Vagner RI, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):33–8 (Eng. Abstr.) **(Rus)**

[Relation between radiation dosage and blood indices in radioteletherapy] Stavitskii RV, et al. **Radiobiologiia** 1984 Nov–Dec;24(6):822–6 (Eng. Abstr.) **(Rus)**

[Principal approaches to radiation therapy of small cell carcinoma of the lung] Kiseleva ES, et al. **Sov Med** 1984; (12):26–30 (Eng. Abstr.) **(Rus)**

SECONDARY

The therapeutic approach to intrathoracic metastases of non-seminomatous testicular tumour. Van de Wal H, et al. **Acta Chir Belg** 1984 Nov–Dec;84(6):349–56

Fine needle aspiration of adenoid cystic carcinoma metastatic to the lung. Cytologic features and differential diagnosis. Anderson RJ, et al. **Acta Cytol (Baltimore)** 1985 Jul–Aug; 29(4):527–32

Cytology of mesothelioma of the tunica vaginalis metastatic to the lung. Ehya H. **Acta Cytol (Baltimore)** 1985 Jan–Feb; 29(1):79–84

Aspiration biopsy cytology of malignant schwannoma metastatic to the lung. Silverman JF, et al. **Acta Cytol (Baltimore)** 1985 Jan–Feb;29(1):15–8

Adenoid cystic carcinoma metastatic to the lung. Report of a case diagnosed by fine needle aspiration biopsy cytology. Smith RC, et al. **Acta Cytol (Baltimore)** 1985 Jul–Aug; 29(4):533–4

Treatment of-residual intrathoracic metastases in metastatic tumors. van de Wal HJ, et al. **Acta Urol Belg** 1985; 53(2):441–50 **(Eng, Fre)**

Diffuse pulmonary metastasis in melanoma: radiographic-pathologic correlation. Dwyer AJ, et al. **AJR** 1984 Nov;143(5):983–4

Atypical fibroxanthoma of the skin metastatic to a lung. Report of a case, features by conventional and electron microscopy, and a review of relevant literature. Glavin FL, et al. **Am J Dermatopathol** 1985 Feb;7(1):57–63

Changes in the macrophage content of lung metastases at different stages in tumor growth. Bugelski PJ, et al. **Am J Pathol** 1985 Mar;118(3):419–24

Metastatic melanoma to the lung: long-term results of surgical excision. Thayer JO Jr, et al. **Am J Surg** 1985 Apr;149(4):558–62

Pulmonary inflammation generates chemotactic activity for tumor cells and promotes lung metastasis. Orr FW, et al. **Am Rev Respir Dis** 1985 Apr;131(4):607–11

Multiple cavitating pulmonary metastases. Wang YT, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):107–9

The influence of tumor microfoci on recurrence and survival following pulmonary resection of metastatic osteogenic sarcoma. Gundry SR, et al. **Ann Thorac Surg** 1984 Nov; 38(5):473–8

Surgery for pulmonary metastasis: a 20-year experience. Mountain CF, et al. **Ann Thorac Surg** 1984 Oct;38(4):323–30

Thoracotomy as a staging procedure after chemotherapy in the treatment of Stage III nonseminomatous carcinoma of the testis. Prenger K, et al. **Ann Thorac Surg** 1984 Nov; 38(5):444–6

Resection of pulmonary metastatic choriocarcinoma in 43 drug-resistant patients. Xu LT, et al. **Ann Thorac Surg** 1985 Mar;39(3):257–9

Primary tumor growth and formation of spontaneous lung metastases in mice bearing Lewis carcinoma treated with proteinase inhibitors. Giraldi T, et al. **Anticancer Res** 1984 Jul–Oct;4(4–5):221–4

The effect of cyclophosphamide on artificial metastases formation in the lungs of Balb/c mice. Szaniawska B, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):337–43

Screening for distant metastases in head and neck cancer patients. Black RJ, et al. **Aust NZ J Surg** 1984 Dec; 54(6):527–30

Effect of alpha-difluoromethylornithine in lung metastases before and after surgery of primary adenocarcinoma tumors in mice. Klein S, et al. **Biol Cell** 1985;53(1):33–6

Aggressive endometrial stromal sarcoma responding to medroxyprogesterone following failure of tamoxifen and combination chemotherapy. Case report. O'Brien AA, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):862–6

Pulmonary metastases in ovarian cancer. Analysis of 357 patients. Kerr VE, et al. **Cancer** 1985 Sep 1;56(5):1209–13

Metastatic chondroblastoma. Report of a fatal case with a review of the literature on atypical, aggressive, and malignant chondroblastoma. Kyriakos M, et al. **Cancer** 1985 Apr 15;55(8):1770–89

Antigen-specific therapy of experimental metastases. Nomi S, et al. **Cancer** 1985 Mar 15;55(6):1296–302

Median sternotomy for metastatic lung lesions in 131 patients. Regal AM, et al. **Cancer** 1985 Mar 15;55(6):1334–9

Differing determinants of prognosis following resection of pulmonary metastases from osteogenic and soft tissue sarcoma patients. Roth JA, et al. **Cancer** 1985 Mar 15; 55(6):1361–6

Rapid pulmonary dissemination in mycosis fungoides simulating pneumonia. A case report and review of the literature. Rubin DL, et al. **Cancer** 1985 Aug 1;56(3):649–51

Different metastatic modes of malignant melanoma implanted in the ear of young and old mice. Hirayama R, et al. **Cancer Immunol Immunother** 1984;18(3):209–14

Effect of a thymic factor, thymostimulin, on growth and pulmonary metastases of Lewis lung carcinoma. Yagi M, et al. **Cancer Immunol Immunother** 1985;19(3):198–204

Leech salivary gland extract from Haementeria officinalis, a potent inhibitor of cyclophosphamide- and radiation-induced artificial metastasis enhancement. Gasic GJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5670–6

In vivo augmentation of rat lung natural killer cell activity and inhibition of experimental metastases by double-stranded polynucleotides. Nolibe D, et al. **Cancer Res** 1985 Oct;45(10):4774–8

Activation of alveolar macrophage tumoricidal activity and eradication of experimental metastases by freeze-dried liposomes containing a new lipophilic muramyl dipeptide derivative. Phillips NC, et al. **Cancer Res** 1985 Jan; 45(1):128–34

Sensitivity, specificity, and predictive values of bronchoscopy in neoplasm metastatic to lung. Poe RH, et al. **Chest** 1985 Jul;88(1):84–8

Complementary role of chest roentgenogram in interpretation of Tc-99m sulfur colloid liver scan. Vesely JJ, et al. **Clin Nucl Med** 1984 Aug;9(8):460–2

Bullous change by CT heralding metastatic sarcoma. Sarno RC, et al. **Comput Radiol** 1985 Mar–Apr;9(2):115–20

Pulmonary metastases and ovarian cancer. Kerr V. **Conn Med** 1984 Dec;48(12):770–6

Surgical resection of pulmonary metastases from colorectal adenocarcinoma. Wilking N, et al. **Dis Colon Rectum** 1985 Aug;28(8):562–4

Organization of cytoskeleton and fibronectin matrix in Rous sarcoma virus (RSV)-transformed fibroblast lines with different metastatic potential. Di Renzo MF, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):85–96

Differences in chemosensitivity between subcutaneous and pulmonary tumours. Smith KA, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):249–56

A case of adult T-cell leukemia with metastatic calcification. Togawa T, et al. **Eur J Nucl Med** 1985;10(1–2):90–2

Diagnosis by aspiration biopsy of lung metastasis of renal cell carcinoma 24 years after nephrectomy. Piscioli F, et al. **Eur Urol** 1984;10(5):358–60

Placental-site trophoblastic tumor (trophoblastic pseudotumor): case report demonstrating failure of chemotherapy, surgery, and radiotherapy to control metastatic disease. Samlowski WE, et al. **Gynecol Oncol** 1985 May;21(1):111–7

Parathyroid carcinoma: a case report and review. McPheeters GO, et al. **Hawaii Med J** 1985 Mar;44(3):104–8

Dedifferentiated chondrosarcoma with a rhabdomyosarcomatous component. Astorino RN, et al. **Hum Pathol** 1985 Mar;16(3):318–20

Inhibition of experimentally-induced murine metastases by recombinant alpha interferon: correlation between the modulatory effect of interferon treatment on natural killer cell activity and inhibition of metastases. Brunda MJ, et al. **Int J Cancer** 1984 Sep 15;34(3):421–6

Expression of ki-ras oncogene in tumor cell variants exhibiting different metastatic capabilities. Kris RM, et al. **Int J Cancer** 1985 Feb 15;35(2):227–30

Radioimmunodetection of murine mammary adenocarcinoma (TA3/Ha) lung and liver metastases with radioiodinated PNA. Shysh A, et al. **Int J Cancer** 1985 Jan 15;35(1):113–9

Chest computed tomography (CT) in patients with micronodular lung metastases of differentiated thyroid carcinoma. Piekarski JD, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1023–7

Influence of thorax irradiation on the survival of mice with spontaneous or artificial lung metastases from a transplantable mammary adenocarcinoma. Wondergem J, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1127–36

Rapid phenotype variation in cells derived from lung metastases of KHT fibrosarcoma. Chambers AF, et al. **Invasion Metastasis** 1984;4(4):225-37

B16 melanoma metastases in mouse liver and lung. I. Localization. Dingemans KP, et al. **Invasion Metastasis** 1985;5(1):50-60

Fate of intravenously injected human tumor cells in the lung of nude mice following whole-body X-irradiation. Hirata H, et al. **Invasion Metastasis** 1985;5(2):61-70

Site-induced differences in spontaneous metastasis of MO4 mouse fibrosarcoma cells. Meyvisch C, et al. **Invasion Metastasis** 1985;5(4):185-92

Metastases of human tumor xenografts in nude mice. Neulat-Duga I, et al. **Invasion Metastasis** 1984;4(4):209-24

Pulmonary nodules and spontaneous pneumothorax in an adolescent female. Hinton AA, et al. **Invest Radiol** 1984 Nov-Dec;19(6):479-83

Multiple myeloma: with extra-medullary lesions. Bhattacharya SK, et al. **J Assoc Physicians India** 1984 Jun; 32(6):523-5

Activation of tumoricidal properties in macrophages and inhibition of experimentally-induced murine metastases by a new synthetic acyltripeptide, FK-565. Inamura N, et al. **J Biol Response Mod** 1985 Aug;4(4):408-17

Late metastases from osteogenic sarcoma. A case report. Pho RW, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):147-50

Metastatic potential of B16 melanoma cells after in vitro selection for organ-specific adherence. Netland PA, et al. **J Cell Biol** 1985 Sep;101(3):720-4

Pulmonary metastasis of differentiated thyroid carcinoma: treatment results in 101 patients. Samaan NA, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):376-80

Perioperative blood transfusions are associated with increased rates of recurrence and decreased survival in patients with high-grade soft-tissue sarcomas of the extremities. Rosenberg SA, et al. **J Clin Oncol** 1985 May;3(5):698-709

Effect of chemotherapy on the histological appearances of testicular teratoma metastatic to the lung: correlation with patient survival. Madden M, et al. **J Clin Pathol** 1984 Nov; 37(11):1212-4

Benign metastasizing meningioma. Case report. Miller DC, et al. **J Neurosurg** 1985 May;62(5):763-6

Hemoptysis as the sole presentation of thyroid carcinoma. Blass DA, et al. **J Nucl Med** 1985 Sep;26(9):1039-41

Adenoid cystic carcinoma of the vulva with lung metastases. A case report. Chapman GW Jr, et al. **J Reprod Med** 1985 Mar;30(3):217-20

The mortality rate from lung metastases in animals inhaling nitrogen dioxide (NO2). Richters A, et al. **J Surg Oncol** 1985 Jan;28(1):63-6

Growth of pulmonary metastases of B16 melanoma in mast cell-free mice. Schittek A, et al. **J Surg Res** 1985 Jan; 38(1):24-8

The clinicopathological features of metastatic superficial papillary bladder cancer. Matthews PN, et al. **J Urol** 1984 Nov;132(5):904-6

Neocarzinostatin-induced complete regression of metastatic renal cell carcinoma. Satake I, et al. **J Urol** 1985 Jan; 133(1):87-9

Effect of tuftsin on in vivo development of 3-methylcholanthrene-induced primary fibrosarcoma and Lewis lung carcinoma in mice. Banks RA, et al. **JNCI** 1985 May;74(5):1079-83

Proteolytic enzymes in tumor metastasis. II. Collagenase type IV activity in subcellular fractions of cloned tumor cell populations. Eisenbach L, et al. **JNCI** 1985 Jan;74(1):87-93

Proteolytic enzymes in tumor metastasis. I. Plasminogen activator in clones of Lewis lung carcinoma and T10 sarcoma. Eisenbach L, et al. **JNCI** 1985 Jan;74(1):77-85

Enhanced cloning efficiency of murine rhabdomyosarcoma cells after chlorozotocin treatment: relationship with enhanced lung metastasis. Pauwels C, et al. **JNCI** 1985 Apr; 74(4):817-20

Spontaneous and induced metastasis of naturally occurring tumors in mice: analysis of cell shedding into the blood. Price JE, et al. **JNCI** 1984 Dec;73(6):1319-26

Basal cell carcinoma with lung metastasis. Akiyama S, et al. **Jpn J Surg** 1985 May;15(3):215-20

Lung pseudometastases due to vinblastine toxicity [letter] Franchi F, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1047-8

Regression of metastatic adrenal carcinoma during palliative ketoconazole treatment [letter] Contreras P, et al. **Lancet** 1985 Jul 20;2(8447):151-2

Oral biphosphonate therapy in metastatic parathyroid carcinoma [letter] Mann K. **Lancet** 1985 Jan 12; 1(8420):101-2

Fatal respiratory failure following chemotherapy of advanced teratoma--a pulmonary tumour lysis syndrome? [letter] Phipps JH, et al. **Lancet** 1985 Jun 29;1(8444):1505

Lung metastases of prostate carcinoma cleared by intranasal GRH analogue [letter] Volmer MC, et al. **Lancet** 1985 Jun 29;1(8444):1507

Successful treatment of pulmonary and abdominal metastatic osteosarcoma. Takaue Y, et al. **Med Pediatr Oncol** 1985; 13(3):126-8

'Tips' on acute arthritis and clubbing. Allen NB. **NC Med J** 1984 Oct;45(10):651-3

Spontaneous pulmonary metastasis of human cancer cells in X-irradiated and nonirradiated nude mice. Hirata H, et al. **Neoplasma** 1985;32(1):55-61

Three patients with a malignant felon [letter] Gilhuis R. **Neth J Surg** 1984 Oct;36(5):144-6

Suprasellar germ cell tumor with extracranial metastases. Jennings CD, et al. **Neurosurgery** 1985 Jan;16(1):9-12

Cavitary pulmonary metastases in a patient with adenocarcinoma of the colon. Weinstock LB, et al. **NY State J Med** 1984 Sep;84(9):460-1

Results of hemibody irradiation in lung metastases of renal adenocarcinoma. Kob D, et al. **Radiobiol Radiother (Berl)** 1984;25(4):557-61

Metastasizing pineal germinoma. A case report and review. Levin CV, et al. **S Afr Med J** 1985 Jul 6;68(1):36-9

Alveolar soft part sarcoma presenting as asymptomatic pulmonary nodules: report of a case with ultrastructural diagnosis. Cordier JF, et al. **Thorax** 1985 Mar;40(3):203-4

Regression of pulmonary metastases with long term remission in a patient with renal carcinoma. Rahima MM, et al. **Thorax** 1985 Mar;40(3):201-2

Adenocarcinoma of the larynx. Gadomski SP, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):259-62

Malignant epithelioid hemangioendothelioma of the liver, spreading through the hepatic veins. Fukayama M, et al. **Virchows Arch [A]** 1984;404(3):275-87

Successful resection of intrathoracic metastases from two patients with parathyroid carcinoma. Dubost C, et al. **World J Surg** 1984 Aug;8(4):547-51

[The Roentgen features of pulmonary metastases of primary carcinoma of the liver (report of 102 cases)] Sun RR. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):18-20 (Eng. Abstr.) **(Chi)**

[Treatment of drug-resistant metastatic pulmonary choriocarcinoma by lung resection] Sun CF. **Chung Hua I Hsueh Tsa Chih** 1985 Apr;65(4):212-4 (Eng. Abstr.) **(Chi)**

[Cesarean section in a moribund patient] Sik S, et al. **Cesk Gynekol** 1984 Dec;49(10):732-3 **(Cze)**

['Gestagnost' as a required part of the basic examination in women with tumors of the lung, kidney, liver and CNS] Skřivan J. **Cesk Neurol Neurochir** 1985 Mar;48(2):125-6 **(Cze)**

[Metastasizing basalioma at an early age] Steiner I, et al. **Cesk Patol** 1984 Nov;20(4):246-51 (Eng. Abstr.) **(Cze)**

[The changing role of thoracotomy in the treatment of metastatic tumors of the lung] Homan van der Heide JN, et al. **Rozhl Chir** 1984 Sep;63(8-9):539-46 (Eng. Abstr.) **(Cze)**

[Acute tumor embolism in the brachial artery] Jensen TT. **Ugeskr Laeger** 1985 Mar 4;147(10):882-3 (Eng. Abstr.) **(Dan)**

[X-ray computed tomography of pulmonary metastases of an osteogenic sarcoma] Spiegl G, et al. **J Belge Radiol** 1984; 67(6):405-7 (Eng. Abstr.) **(Fre)**

[Multiple metastases of a benign leiomyoma. Apropos of a case. Review of the literature. Pathogenic concepts and therapeutic stance] Glaser H, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(5):531-9 (Eng. Abstr.) **(Fre)**

[Metastatic calcifications in Burkitt's lymphoma] Capelle J, et al. **J Radiol** 1984 Aug-Sep;65(8-9):593-6 (Eng. Abstr.) **(Fre)**

[Metastasizing leiomyoma of the uterus. 2 cases (letter)] Heisel J, et al. **Presse Med** 1984 Sep 29;13(33):2021 **(Fre)**

[Pulmonary metastasis of an ameloblastoma] Hyvernat P, et al. **Rev Mal Respir** 1985;2(1):15-8 (Eng. Abstr.) **(Fre)**

[Lung metastases--limitations and possibilities of radiologic diagnosis] Dinkel E, et al. **Radiologe** 1985 Apr;25(4):158-65 (55 ref.) (Eng. Abstr.) **(Ger)**

[Differential diagnostic problem of distinguishing pulmonary infiltrates following bleomycin therapy from metastases] Mayr B, et al. **ROFO** 1984 Oct;141(4):409-14 (Eng. Abstr.) **(Ger)**

[Value of surgery for metastases of non-seminomas in the disseminated tumor stage] Tuppatsch S. **Z Urol Nephrol** 1985 Jun;78(6):307-15 (Eng. Abstr.) **(Ger)**

[Primary, non-pregnancy-induced choriocarcinoma] Lotze W, et al. **Zentralbl Gynakol** 1985;107(12):765-8 (Eng. Abstr.) **(Ger)**

[Malignant fibrous histiocytoma of the mediastinum] Besznyák I, et al. **Orv Hetil** 1984 Oct 14;125(42):2563-5 (Eng. Abstr.) **(Hun)**

[Changes in the size of pulmonary metastases, originating from malignant bone tumors, during therapy] Radó J, et al. **Orv Hetil** 1984 Nov 4;125(45):2745-7 (Eng. Abstr.) **(Hun)**

[A case of adenoid cystic carcinoma in the paranasal sinuses with 8-year survival after pulmonary metastasis--clinicopathological reference to 6 non-squamous cell carcinoma cases in the paranasal sinuses] Koike S, et al. **Gan No Rinsho** 1985 May;31(5):552-8 (Eng. Abstr.) **(Jpn)**

[Effect of etoposide for pulmonary metastases from urogenital tract cancer] Fujita K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2438-41 (Eng. Abstr.) **(Jpn)**

[Control of multiple skin and lung metastasis of malignant melanoma by combined DAV and OK-432 chemoimmunotherapy in association with large-scale administration of indomethacin] Maeda K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2434-7 (Eng. Abstr.) **(Jpn)**

[Control of melanogenesis by glycosylation inhibitors and the inhibitory effect of interferon on melanoma metastasis] Mishima Y, et al. **Gan To Kagaku Ryoho** 1985 Jun; 12(6):1235-44 (Eng. Abstr.) **(Jpn)**

[Host defense mechanisms against tumor metastasis] Takeichi N. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1210-21 (Eng. Abstr.) **(Jpn)**

[Complete remission of bladder cancer with multiple pulmonary metastases obtained by combined chemotherapy with cis-platinum, adriamycin and cyclophosphamide] Takigawa H, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1877-9 (Eng. Abstr.) **(Jpn)**

[Experimental studies with the use of metastatic clones isolated from mouse tumors] Tsukagoshi S. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1222-7 (Eng. Abstr.) **(Jpn)**

[Surgical resection in pulmonary metastases of genitourinary cancers] Hashimoto H, et al. **Hinyokika Kiyo** 1984 Oct; 30(10):1387-92 (Eng. Abstr.) **(Jpn)**

[Resection of solitary pulmonary cancer metastatic from renal cell carcinoma: a case report] Okumura S, et al. **Hinyokika Kiyo** 1984 Aug;30(8):1063-7 (Eng. Abstr.) **(Jpn)**

[Usefulness of T1-201 chloride and NaI-131 scintigraphy in detection of metastasis from thyroid carcinoma] Kusakabe K, et al. **Kaku Igaku** 1984 Aug;21(8):941-51 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of bilateral pulmonary metastases--6 cases] Yamauchi A, et al. **Kyobu Geka** 1985 Apr; 38(4):299-306 (Eng. Abstr.) **(Jpn)**

[Lung metastasis of intraosseous meningioma prior to craniotomy. Case report] Onoda K, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):306-10 (Eng. Abstr.) **(Jpn)**

[Anti-metastatic effect of tumor necrosis factor (TNF)] Watanabe N, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1049-54 (Eng. Abstr.) **(Jpn)**

[Bilateral pneumonectomy in metastatic pulmonary tumors] Ishihara T. **Nippon Geka Gakkai Zasshi** 1984 Sep; 85(9):944-7 (Eng. Abstr.) **(Jpn)**

[Experimental studies on effects of total-body and local hyperthermia on metastases in mice] Oda M. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):121-31 (Eng. Abstr.) **(Jpn)**

[A clinicopathological study on hematogenous recurrence of colo-rectal cancer--with special reference to prediction and prevention of the recurrence] Tabuchi Y, et al. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1359-69 (Eng. Abstr.) **(Jpn)**

[Radioiodine therapy for lung and bone metastasis of differentiated thyroid cancer] Inagaki T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):518-24 (Eng. Abstr.) **(Jpn)**

[A case with non-gestational choriocarcinoma of the uterus] Isonishi S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Apr;37(4):669-72 **(Jpn)**

[A study on the enhancement of pulmonary metastasis by intra-arterial adriamycin in Lewis lung carcinoma] Watanabe H. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul; 58(7):685-91 (Eng. Abstr.) **(Jpn)**

[Routes of the spread of breast cancer in the radiological image. Early diagnosis of lymphangiosis carcinomatosa--its effect on prognosis, planning and monitoring of treatment. Preliminary report] Buraczewski J, et al. **Nowotwory** 1984 Apr-Jun;34(2):113-24 (Eng. Abstr.) **(Pol)**

[Ambiguous action of splenocytes from tumor-bearing [illegible] on the formation of metastases in the lungs of mice in an adaptive transfer system] Iunker VM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):598-600 (Eng. Abstr.) **(Rus)**

[Changes in the content and composition of gangliosides of tumors as affected by chemotherapeutic agents] Kozlov AM, et al. **Eksp Onkol** 1984;6(5):62-6 (Eng. Abstr.) **(Rus)**

[Effect of cryodestruction of Lewis lung carcinoma in mice on the development of metastases] Mosienko VS, et al. **Eksp Onkol** 1984;6(3):55-7 (Eng. Abstr.) **(Rus)**

[Metastatic lung tumors] Voronov AA, et al. **Sov Med** 1985; (1):76-8 **(Rus)**

[Roentgenodiagnosis of pulmonary lesions in children with hemoblastoses] Vaganova NT, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):62-5 (Eng. Abstr.) **(Rus)**

[Role of the cellular inoculation dose in the development of the inhibitory effect of transplantable tumors on metastasis] Arkhipov SA, et al. **Vopr Onkol** 1985; 31(3):77-83 (Eng. Abstr.) **(Rus)**

SECRETION

Disseminated bombesin-producing carcinoid tumor of pulmonary origin. Lewin KJ, et al. **Am J Surg Pathol** 1985 Feb;9(2):129-34

An 18-year history of a corticotropin-secreting spindle cell carcinoid in the lung. Yamashina M. **Arch Pathol Lab Med** 1985 Jul;109(7):673-5

Proliferative response of human venous endothelial cells to medium conditioned by human tumour cells. Walker C, et al. **Cell Biol Int Rep** 1984 Sep;8(9):731-8

Ectopic hormones in lung cancer. Gropp C, et al. **Ergeb Inn Med Kinderheilkd** 1984;53:133-64 (87 ref.)

Gastrin releasing peptide is a selective mitogen for small cell lung carcinoma in vitro. Weber S, et al. **J Clin Invest** 1985 Jan;75(1):306-9

Acute pancreatitis and Cushing's syndrome. Clague HW, et al. **Postgrad Med J** 1984 Sep;60(707):618-20

[Chemotherapy of embryonal carcinoma of the testis with lymph node invasion and/or pulmonary metastases. Results of a VBP type protocol] Reboul F, et al. **Ann Urol (Paris)** 1985;19(4):251-5 (Eng. Abstr.) **(Fre)**

SURGERY

En bloc resection for bronchogenic carcinoma with chest wall invasion. van de Wal HJ, et al. **Acta Chir Belg** 1985 Mar-Apr;85(2):89-94

Lung cancer: long-term survival after surgical treatment. Teneriello F, et al. **Acta Chir Hung** 1985;26(2):93-106

Combined laser therapy and endobronchial radiotherapy for unresectable lung carcinoma with bronchial obstruction. Allen MD, et al. **Am J Surg** 1985 Jul;150(1):71-7

Role of computerized tomography in assessment of the mediastinum in patients with lung carcinoma. Conte CC, et al. **Am J Surg** 1985 Apr;149(4):449-52

Blood transfusions and survival after lung cancer resection. Hyman NH, et al. **Am J Surg** 1985 Apr;149(4):502-7

Early hilar-type squamous cell carcinoma of the lung resected by bronchofiberscopy surviving 5 years. Nishiyama H, et al. **Am J Surg Pathol** 1985 Feb;9(2):135-9

Bronchogenic carcinoma in the elderly [letter] Margolis ML, et al. **Am Rev Respir Dis** 1985 Aug;132(2):434

Surgery for bronchogenic carcinoma in the elderly. Yellin A, et al. **Am Rev Respir Dis** 1985 Feb;131(2):197

Jet ventilation of one lung for laser resection of bronchial tumor. Lee K, et al. **Anesth Analg** 1984 Oct;63(10):957-61

A randomized comparison of the effects of adjuvant therapy on resected stages II and III non-small cell carcinoma of the lung. The Lung Cancel Study Group. Holmes EC, et al. **Ann Surg** 1985 Sep;202(3):335-41

Adjuvant surgery in the management of patients with germ cell tumors [editorial] Bosl GJ. **Ann Thorac Surg** 1984 Nov;38(5):432

Major pulmonary resection for suspected but unconfirmed malignancy. Keagy BA, et al. **Ann Thorac Surg** 1984 Oct;38(4):314-6

Pulmonary resection in patients after pneumonectomy. Kittle CF, et al. **Ann Thorac Surg** 1985 Sep;40(3):294-9

The biological operability of stage III non-small cell lung cancer. Mountain CF. **Ann Thorac Surg** 1985 Jul;40(1):60-4

A method for predicting postoperative lung function and its relation to postoperative complications in patients with lung cancer. Nakahara K, et al. **Ann Thorac Surg** 1985 Mar;39(3):260-5

Postsurgical stage I bronchogenic carcinoma: morbid implications of recurrent disease. Pairolero PC, et al. **Ann Thorac Surg** 1984 Oct;38(4):331-8

The feasibility of adjuvant surgery in limited-stage small cell carcinoma: a prospective evaluation. Prager RL, et al. **Ann Thorac Surg** 1984 Dec;38(6):622-6

Changing times in surgical management of bronchopulmonary carcinoid tumor. Wilkins EW Jr, et al. **Ann Thorac Surg** 1984 Oct;38(4):339-44

Three synchronous multiorgan primary cancers. All stage I. Patel S, et al. **Arch Surg** 1985 Oct;120(10):1182-4

Tracheal sleeve pneumonectomy for carcinomas of the proximal left main bronchus. Gilbert A, et al. **Can J Surg** 1984 Nov;27(6):583-5

Surgical treatment of pulmonary metastases. Beattie EJ Jr. **Cancer** 1984 Dec 1;54(11 Suppl):2729-31

Combined surgery, intraoperative brachytherapy, and postoperative external radiation in stage III non-small cell lung cancer. Hilaris BS, et al. **Cancer** 1985 Mar 15;55(6):1226-31

Laser therapy in patients with primary lung cancer. Arabian A, et al. **Chest** 1984 Oct;86(4):519-23

Laser in treatment of lung cancer. Gelb AF, et al. **Chest** 1984 Nov;86(5):662-6

Endobronchial electrocautery. Hooper RG, et al. **Chest** 1985 Jun;87(6):712-4

Neodymium-YAG laser treatment of intrabronchial lesions. A new mapping technique via the flexible fiberoptic bronchoscope. Joyner LR Jr, et al. **Chest** 1985 Apr;87(4):418-27

YAG laser photoresection of lesions obstructing the central airways. Kvale PA, et al. **Chest** 1985 Mar;87(3):283-8

Carbon dioxide laser therapy. McElvein RB, et al. **Clin Chest Med** 1985 Jun;6(2):291-5

Neodymium:YAG laser therapy for malignant and benign endobronchial obstructions. Unger M. **Clin Chest Med** 1985 Jun;6(2):277-90

Therapeutic and prognostic problems in lung cancer with mediastinal lymph node involvement. Picciocchi A, et al. **Int Surg** 1984 Oct-Dec;69(4):313-7

Evolution of bronchial sleeve resection for carcinoma of the lung: single case report. Newton NL, et al. **J Arkansas Med Soc** 1984 Nov;81(6):301-3

Effect of initial resection of small-cell carcinoma of the lung: a review of Southwest Oncology Group Study 7628. Friess GG, et al. **J Clin Oncol** 1985 Jul;3(7):964-8

The influence of cryosurgery and electrocoagulation upon metastatic spread. Zonnevylle JA, et al. **J Surg Oncol** 1984 Oct;27(2):131-4

Surgical intervention of countless metastatic lung lesions: a case report. Zylstra S, et al. **J Surg Oncol** 1985 Feb;28(2):151-2

Postoperative immunization with peanut agglutinin-binding glycoprotein from Lewis lung carcinoma in mice. Yamamura M, et al. **J Surg Res** 1985 Jan;38(1):39-44

Bronchoplastic procedures and pulmonary artery reconstruction in the treatment of bronchogenic cancer. Belli L, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):167-71

Diagnosis and management of synchronous lung cancers. Ferguson MK, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):378-85

Prognostic evaluation of tracheobronchial reconstruction for bronchogenic carcinoma. Fujimura S, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):161-6

Preoperative laser photodynamic therapy in combination with operation in lung cancer. Kato H, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):420-9

Current management of carcinoma of the lung. Lawrence GH. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 2):858-62

Inflammatory pseudotumours of the lung. Wouters EF, et al. **Neth J Surg** 1985 Apr;37(2):60-4

The role of surgery in the treatment of small cell carcinoma of the lung. Maassen W, et al. **Recent Results Cancer Res** 1985;97:107-15 (36 ref.)

The 12-min walking distance; its use in the pre-operative assessment of patients with bronchial carcinoma before lung resection. Bagg LR. **Respiration** 1984;46(4):342-5

Functional effects of pneumonectomy and bilobectomy for lung cancer. Begin P, et al. **Respiration** 1984;46(1):8-16

Sleeve resection. Huidekoper HJ, et al. **Respiration** 1985;47(4):303-8

Prognosis of patients with adenocarcinoma of the lung and mediastinal lymph node metastases undergoing pulmonary resection. Rubinstein I, et al. **Respiration** 1985;47(1):70-2

Reoperation for recurrent bronchogenic carcinoma. Nielsen OS, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):249-50

Critical evaluation of results of extension of indication for surgery for primary bronchogenic carcinoma. Wu SF, et al. **Semin Surg Oncol** 1985;1(1):23-37

Pulmonary lobectomy for metastatic adrenocortical carcinoma: a 25-year survival. O'Neal LW. **South Med J** 1984 Sep;77(9):1212-3

Bronchoscopic utilization of the Nd:YAG laser for obstructing lesions of the trachea and bronchi. Unger M. **Surg Clin North Am** 1984 Oct;64(5):931-8

Increasing importance of adjuvant surgery in inoperable lung cancer. Valdivieso M, et al. **Tex Med** 1984 Aug;80(8):38-42

Mechanical ventilation for acute postoperative respiratory failure after surgery for bronchial carcinoma. Hirschler-Schulte CJ, et al. **Thorax** 1985 May;40(5):387-90

Surgical treatment of primary lung cancer and solitary brain metastasis. Mussi A, et al. **Thorax** 1985 Mar;40(3):191-3

Treatment policy of surgery in small cell carcinoma of the lung: retrospective analysis of a series of 874 consecutive patients. Osterlind K, et al. **Thorax** 1985 Apr;40(4):272-7

[Surgical treatment of lung cancer in patients over 60 years of age] Chen D. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):128-30 (Eng. Abstr.) **(Chi)**

[Recurrent immature ovarian teratoma in the liver and lung--with an analysis of 11 cases] Lian LJ. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):732-4, 790 (Eng. Abstr.) **(Chi)**

[Analysis of factors influencing the prognosis of lung cancer after surgery] Yin HN. **Chung Hua Wai Ko Tsa Chih** 1984 Aug;22(8):482-4, 511 (Eng. Abstr.) **(Chi)**

[Cryosurgery in the treatment of disseminated lung cancer. A primary report of twenty-five cases] Yang JJ, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):62-5 (Eng. Abstr.) **(Chi)**

[Surgical treatment of pulmonary metastases. Apropos of 20 cases] Donzeau-Gouge GP, et al. **Ann Chir** 1983 Mar;37(2):126-9 (Eng. Abstr.) **(Fre)**

[Unilateral high-frequency jet ventilation (HFJV) in surgery of the tracheal bifurcation] Giunta F, et al. **Cah Anesthesiol** 1985 Mar;33(2):149-51 **(Fre)**

[Cavoauricular thrombectomy under extracorporeal circulation and right superior lobectomy for paraneoplastic thrombosis in a case of lung cancer] Puglionisi A, et al. **J Chir (Paris)** 1984 Nov;121(11):673-9 (Eng. Abstr.) **(Fre)**

[Resection of pulmonary metastases] Beya A, et al. **Rev Med Suisse Romande** 1985 Mar;105(3):203-10 **(Fre)**

[Inflammatory pseudotumors of the lung apropos of 2 surgical cases] Kilani-Talmoudi T, et al. **Tunis Med** 1983 Jan-Feb;61(1):27-9 (Eng. Abstr.) **(Fre)**

[Endoscopic gluing of postoperative bronchial fistulas] Moritz E, et al. **Chirurg** 1985 Feb;56(2):125-7 **(Ger)**

[Thoracic and cardiovascular surgery] Satter P. **Langenbecks Arch Chir** 1984;364:275-80 (Eng. Abstr.) **(Ger)**

[Bronchial carcinoma from the surgical viewpoint] Denck H, et al. **Onkologie** 1984 Oct;7(5):263-6 (Eng. Abstr.) **(Ger)**

[Heart failure therapy with digitalis and spironolactone--studies within the scope of preoperative treatment before lung resection] Daum S, et al. **Prax Klin Pneumol** 1984 Sep;38(9):406-11 (Eng. Abstr.) **(Ger)**

[Endobronchial laser treatment of benign and semimalignant stenoses of the bronchial system] Emslander HP, et al. **Prax Klin Pneumol** 1984 Oct;38(10):442-5 (Eng. Abstr.) **(Ger)**

[Multivariate statistical analysis in predicting bronchopulmonary complications after surgical interventions in cancer of the lung] Ferrari M, et al. **Chir Ital** 19[illegible] Dec;35(6):866-71 (Eng. Abstr.) **(Ita)**

[Pulmonary hamartoma. Apropos of 46 cases] Ardissone F, et al. **Minerva Chir** 1984 Sep 30;39(18):1261-4 (Eng. Abstr.) **(Ita)**

[Pulmonary surgery today. Considerations on reconstructive bronchial surgery] Rossotto P, et al. **Minerva Chir** 1985 Feb 28;40(4):183-90 **(Ita)**

[5 years results of surgery of stage I and II cancer of the lung] Spreafico G, et al. **Minerva Chir** 1985 Jun 15;40(11):779-82 (Eng. Abstr.) **(Ita)**

[2 cases of pulmonary hamartochondroma] Valenti S, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1725-9 (Eng. Abstr.) **(Ita)**

[Administration of anticancer agents into the pleural lymphatics and mediastinal lymph nodes during thoracotomy] Ueno Y. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):64-72 (Eng. Abstr.) **(Jpn)**

[Results of surgical treatment for large cell carcinoma of the lung] Matsumura K, et al. **Gan No Rinsho** 1985 Apr;31(4):381-6 (Eng. Abstr.) **(Jpn)**

[Two cases of early squamous cell carcinoma of the hilar region of the lung cured by bronchofiberscopic excision] Nishiyama H, et al. **Gan No Rinsho** 1985 Mar;31(3):327-33 (Eng. Abstr.) **(Jpn)**

[Surgical therapeutic planning for non-small cell lung cancer] Sawamura K, et al. **Gan To Kagaku Ryoho** 1985 Jan;12([illegible]):36-44 (Eng. Abstr.) **(Jpn)**

[Surgical indications of and their limitations in pulmonary cancer with special reference to lymph node metastasis] Hitomi S, et al. **Kyobu Geka** 1985 May;38(5):351-4 (Eng. Abstr.) **(Jpn)**

[Tracheal and tracheobronchial resection of bronchogenic carcinoma] Monden Y, et al. **Kyobu Geka** 1985 May;38(5):346-50 (Eng. Abstr.) **(Jpn)**

[Bronchogenic carcinoma with adjacent tissue invasion. Factors affecting survival following surgical intervention] Takeda H, et al. **Kyobu Geka** 1984 Aug;37(8):587-91 (Eng. Abstr.) **(Jpn)**

[Sleeve lobectomy for lung cancer] Tomita M, et al. **Kyobu Geka** 1984 Sep;37(10):778-82 (Eng. Abstr.) **(Jpn)**

[A case of iliac arterial embolism after lung cancer resection] Watanabe H, et al. **Kyobu Geka** 1985 Jun;38(6):484-7 (Eng. Abstr.) **(Jpn)**

[A surgical case of simultaneous bilateral double primary lung cancers] Yokoyama K, et al. **Kyobu Geka** 1985 Jun;38(6):469-72 (Eng. Abstr.) **(Jpn)**

[Surgical problems in lung cancer with chest wall involvement] Yoneyama T, et al. **Kyobu Geka** 1985 May;38(5):355-60 (Eng. Abstr.) **(Jpn)**

[Resection of lung cancer involving the mediastinal structures] Yoshimura H, et al. **Kyobu Geka** 1985 May;38(5):340-5 (Eng. Abstr.) **(Jpn)**

[Bilateral thoracotomy in primary lung cancer] Ito M. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):952-6 (Eng. Abstr.) **(Jpn)**

[Metachronous bilateral pulmonary resection for primary bronchogenic carcinoma] Yoneyama T. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):948-51 (Eng. Abstr.) **(Jpn)**

[Evaluation of surgical treatment for metastatic lung tumor] Fujimura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):998-1004 (Eng. Abstr.) **(Jpn)**

[Surgical indication of small cell carcinoma of the lung] Hara N, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1193-8 (Eng. Abstr.) **(Jpn)**

[Clinical evaluation for extended surgery of lung cancer involving surrounding structures] Kodama K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):217-23 (Eng. Abstr.) **(Jpn)**

[Two cases of resection of small intestine with metastatic lesion of bronchogenic carcinoma after pulmonary resection] Koike T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):242-6 (Eng. Abstr.) **(Jpn)**

[Risk score to evaluate preoperative patients with bronchogenic carcinoma] Nakamoto K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):176-80 (Eng. Abstr.) **(Jpn)**

[Postoperative treatment of lung cancer associated with severe respiratory dysfunction--weaning from the ventilator by high frequency jet ventilation] Orita H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1857-63 (Eng. Abstr.) **(Jpn)**

[Prognosis in surgical cases of lung cancer without en block mediastinal dissection] Tanimura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1316-20 (Eng. Abstr.) **(Jpn)**

[Discussion on the surgical treatment of stage III lung cancer] Yamamoto M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Apr;32(4):472-9 (Eng. Abstr.) **(Jpn)**

[Leiomyoma of the lung parenchyma] Iida S, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):740-4 (Eng. Abstr.) **(Jpn)**

[A case report of pulmonary embolism after operation of lung cancer] Inoue F, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):473-77 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of primary lung neoplasms] Wexels JC. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1810-2 (Eng. Abstr.) **(Nor)**

[Sleeve resection of the upper lobe with simultaneous resection of the pulmonary artery in the surgical treatment of lung cancer] Olechnowicz HE, et al. **Pneumonol Pol**

1984 Aug;52(8):361-9 (Eng. Abstr.) (Pol)

[Current concepts in the treatment of bronchopulmonary cancer] Coman C. **Rev Chir [Chir]** 1984 May-Jun; 33(3):199-204 (Eng. Abstr.) (Rum)

[Empyema after surgical treatment of bronchopulmonary cancer] Biriukov IuV, et al. **Grudn Khir** 1985 Jan-Feb; (1):54-7 (Eng. Abstr.) (Rus)

[Lobectomy with circular resection of the right main bronchus 2 years after left-side lobectomy] Gagua RO, et al. **Grudn Khir** 1984 Nov-Dec;(6):85-6 (Rus)

[Late results of surgical treatment of patients with small-cell carcinoma of the lung] Drukin EIa. **Khirurgiia (Mosk)** 1985 Mar;(3):7-9 (Eng. Abstr.) (Rus)

[Changes in the hemostatic system during the operative period in patients with lung cancer] Madzhuga AV, et al. **Lab Delo** 1985;(2):95-8 (Eng. Abstr.) (Rus)

[Late result of the surgical treatment of a malignant tumor developing in the cavity of a congenital lung cyst in a 2-year-old child] Boĭkov GA, et al. **Pediatriia** 1985 Jan; (1):54 (Rus)

[Single-stage operation for synchronous multiple primary cancer of the lung and stomach] Uspenskiĭ LV, et al. **Vestn Khir** 1984 Sep;133(9):57-60 (Rus)

[Possibilities of increasing the number of patients with lung cancer undergoing radical treatment] Berezkin DP, et al. **Vopr Onkol** 1985;31(4):37-41 (Eng. Abstr.) (Rus)

[Surgical treatment of malignant tracheal and bronchial tumors in young patients] Biriukov IuV, et al. **Vopr Onkol** 1984;30(10):25-30 (Eng. Abstr.) (Rus)

[Characteristics of left lung resection for advanced cancer] Kolesnikov IS, et al. **Vopr Onkol** 1984;30(9):43-6 (Eng. Abstr.) (Rus)

[Multiple primary cancer in 1 lung] Trakhtenberg AKh, et al. **Vopr Onkol** 1985;31(2):17-25 (Eng. Abstr.) (Rus)

[Pulmonary metastasis and surgery] Bravo Bravo JL. **Rev Clin Esp** 1984 Sep 15;174(5):137-8 (8 ref.) (Spa)

[Apudomas secreting amines and polypeptides. Anesthesia and its complications] de Luna Infante MJ, et al. **Rev Esp Anestesiol Reanim** 1984 May-Jun;31(3):105-14 (Eng. Abstr.) (Spa)

THERAPY

Prospective evaluation of thymosin fraction V immunotherapy in patients with non-small cell lung cancer receiving vindesine, doxorubicin, and cisplatin (VAP) chemotherapy. Bedikian AY, et al. **Am J Clin Oncol** 1984 Oct;7(5):399-404

Treatment of inoperable non-small cell carcinoma of the lung with radiation therapy, with or without levamisole. A randomized trial of the Southeastern Cancer Study group. Krauss S, et al. **Am J Clin Oncol** 1984 Oct;7(5):405-12

Surgical-adjuvant chemotherapy with AMSA in Lewis lung carcinoma bearing mice. Greco C, et al **Anticancer Res** 1985 May-Jun;5(3):297-300

Effects of dimethyltriazenes combined with surgery and non-specific immunotherapy in mice bearing Lewis lung carcinoma lines. Sava G, et al. **Anticancer Res** 1985 May-Jun;5(3):301-5

Monitoring treatment of pulmonary carcinomas by serial determination of monoamine oxidase and diamine oxidase in blood serum. Kamiński KA, et al. **Arch Geschwulstforsch** 1984;54(5):377-85

A preliminary trial of a novel form of active immunotherapy in squamous cell carcinoma of the lung. Lachmann PJ, et al. **Br J Cancer** 1985 Mar;51(3):415-7

Oophorectomy for pulmonary lymphangioleiomyomatosis: a case report. Logan RF, et al. **Br J Dis Chest** 1985 Jan; 79(1):98-100

Prognostic factors in patients with resected stage I non-small cell lung cancer. A report from the Lung Cancer Study Group. Gail MH, et al. **Cancer** 1984 Nov 1;54(9):1802-13

Combined methotrexate and high-dose vincristine chemotherapy with radiation therapy for small cell bronchogenic carcinoma. Holoye PY, et al. **Cancer** 1985 Apr 1;55(7):1436-45

Current status of therapy for small cell carcinoma of the lung. Ihde DC. **Cancer** 1984 Dec 1;54(11 Suppl):2722-8 (62 ref.)

Three months' treatment with cyclophosphamide, VP-16-213 followed by methotrexate and thoracic radiotherapy for small cell lung cancer. Thatcher N, et al. **Cancer** 1985 Sep 15;56(6):1332-6

Radiation-induced lung fibrosis after treatment of small cell carcinoma of the lung with very high-dose cyclophosphamide. Trask CW, et al. **Cancer** 1985 Jan 1; 55(1):57-60

Non-Hodgkin's lymphoma after successful therapy of small cell lung carcinoma. Weiss RB, et al. **Cancer Chemother Pharmacol** 1985;14(1):9-11

Intrapleural administration of OK432 in cancer patients: augmentation of autologous tumor killing activity of tumor-associated large granular lymphocytes. Uchida A, et al. **Cancer Immunol Immunother** 1984;18(1):5-12

Controversies in treatment of small cell carcinoma of the lung. Shank B, et al. **Cancer Invest** 1985;3(4):367-87 (135 ref.)

Antitumor effect of intralesional injection with formalin-fixed Toxoplasma gondii organisms on Lewis lung carcinoma in Toxoplasma-infected mice. Suzuki Y, et al. **Cancer Lett** 1985 Jan;25(3):247-54

Limited impact of total parenteral nutrition on nutritional status during treatment for small cell lung cancer. Evans WK, et al. **Cancer Res** 1985 Jul;45(7):3347-53

Monitoring the therapy of lung cancer with alpha-1-acid glycoprotein. Ganz PA, et al. **Cancer Res** 1984 Nov; 44(11):5415-21

Elimination of small cell lung cancer cells in vitro from human bone marrow by a monoclonal antibody. Okabe T, et al. **Cancer Res** 1985 May;45(5):1930-3

Randomly controlled study of chemotherapy versus chemoimmunotherapy in postoperative lung cancer patients. Yasumoto K, et al. **Cancer Res** 1985 Mar; 45(3):1413-7

Effect of adjuvant central iv hyperalimentation on the survival and response to treatment of patients with small cell lung cancer: a randomized trial. Clamon GH, et al. **Cancer Treat Rep** 1985 Feb;69(2):167-77

Combination chemotherapy followed by radiation therapy in patients with regional stage III unresectable non-small cell lung cancer. Fram R, et al. **Cancer Treat Rep** 1985 Jun;69(6):587-90

Phase II study of recombinant alpha interferon in the treatment of advanced non-small cell lung carcinoma. Grunberg SM, et al. **Cancer Treat Rep** 1985 Sep; 69(9):1031-2

Combined chemotherapy (vindesine, lomustine, cisplatin, and cyclophosphamide) and radical radiotherapy in inoperable nonmetastatic squamous cell carcinoma of the lung. Le Chevalier T, et al. **Cancer Treat Rep** 1985 May;69(5):469-72

Combined-modality treatment of inoperable lung cancer (i.v. immunotherapy, chemotherapy, and radiotherapy). Robinson E, et al. **Cancer Treat Rep** 1985 Mar;69(3):251-8

Treatment with monoclonal antibody to a Lewis lung carcinoma-associated antigen: different effects on primary tumor and its metastases. Sacchi A, et al. **Cancer Treat Rep** 1985 Sep;69(9):985-91

Adjuvant therapy of small cell bronchial carcinoma. Shields T, et al. **Cancer Treat Rev** 1984 Dec;11(4):331-3

Primary chondrosarcoma of the lung. A report of two cases. Jazy FK, et al. **Clin Oncol** 1984 Sep;10(3):273-9

The pulmonary Kulchitsky cell (neuroendocrine) cancers: from carcinoid to small cell carcinomas. Yellin A, et al. **Curr Probl Cancer** 1985 Jul;9(7):1-38

Surgical adjuvant immunotherapy for lung cancer: a review. Takita H. **Curr Surg** 1984 Jul-Aug;41(4):254-61 (37 ref.)

Autologous bone marrow transplantation following high-dose chemotherapy with cyclophosphamide, BCNU and VP-16 in small cell carcinoma of the lung and a review of current literature. Stahel RA, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1233-8

Treatment of intravenously implanted Lewis lung carcinoma with liposome-encapsulated cytosine arabinoside and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Sep 15;34(3):415-20

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717-23

Pregnancy associated with advanced adenocarcinoma of the lung. Reiter AA, et al. **Int J Gynaecol Obstet** 1985 Feb; 23(1):75-8

Alternating radiotherapy and chemotherapy schedules in small cell lung cancer, limited disease. Arriagada R, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1461-7

Clinical trials with cyclophosphamide and misonidazole combination for maintaining treatment after radiation therapy of lung carcinoma. Busutti L, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1739-43

Pilot studies of superfractionated radiotherapy and combination chemotherapy in limited oat cell carcinoma of the bronchus. Hodson DI, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1941-5

Esophageal complications from combined chemoradiotherapy (cyclophosphamide + Adriamycin + cisplatin + XRT) in the treatment of non-small cell lung cancer. Umsawasdi T, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):511-9

Small cell carcinoma of the lung: results of combination chemotherapy and radiation therapy (COF vs. COFP randomized analyzed). Zhang ZY, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2139-43

Lung cancer: progress in diagnosis and treatment. Carney DN. **Ir Med J** 1984 Oct;77(10):327-9 (28 ref.)

Human leukocyte interferon as part of a combined treatment for previously untreated small cell lung cancer. Mattson K, et al. **J Biol Response Mod** 1985 Feb;4(1):8-17

Giant-cell tumor of bone with pulmonary metastases. Bertoni F, et al. **J Bone Joint Surg [Am]** 1985 Jul;67(6):890-900

Small-cell lung cancer and immunochemotherapy with Propionibacterium granulosum KP 45. Roszkowski K, et al. **J Cancer Res Clin Oncol** 1985;109(1):72-7

Use of SM-1 monoclonal antibody and human complement in selective killing of small cell carcinoma of the lung. Mabry M, et al. **J Clin Invest** 1985 May;75(5):1690-5

Prospective evaluation of changes in computed cranial tomography in patients with small cell lung carcinoma treated with chemotherapy and prophylactic cranial irradiation. Craig JB, et al. **J Clin Oncol** 1984 Oct; 2(10):1151-6

VP-16-213 in combination chemotherapy with chest irradiation for small-cell lung cancer: a randomized trial of the Piedmont Oncology Association. Jackson DV Jr, et al. **J Clin Oncol** 1984 Dec;2(12):1343-51

The effect of specific and nonspecific immunotherapy on natural killer cell activity in patients with non-small-cell lung cancer. Maroun JA, et al. **J Clin Oncol** 1984 Nov; 2(11):1209-14

Combined modality therapy with radiotherapy, chemotherapy, and immunotherapy in limited small-cell carcinoma of the lung: a Phase III cancer and Leukemia Group B Study. Maurer LH, et al. **J Clin Oncol** 1985 Jul; 3(7):969-76

Effects of intravenous hyperalimentation during treatment in patients with small-cell lung cancer. Weiner RS, et al. **J Clin Oncol** 1985 Jul;3(7):949-57

Regression of established pulmonary metastases and subcutaneous tumor mediated by the systemic administration of high-dose recombinant interleukin 2. Rosenberg SA, et al. **J Exp Med** 1985 May 1;161(5):1169-88

Direct evidence for the role of LGL in the inhibition of experimental tumor metastases. Barlozzari T, et al. **J Immunol** 1985 Apr;134(4):2783-9

Immunotherapy of lymphoid and nonlymphoid tumors with monoclonal anti-Lyt-1 antibodies. Hollander N. **J Immunol** 1984 Nov;133(5):2801-5

The anti-tumor efficacy of lymphokine-activated killer cells and recombinant interleukin 2 in vivo. Mulé JJ, et al. **J Immunol** 1985 Jul;135(1):646-52

Role of elective brain irradiation during combined chemoradiotherapy for limited disease non-small cell lung cancer. Umsawasdi T, et al. **J Neurooncol** 1984;2(3):253-9

The use of pig mononuclear cells to inhibit pulmonary tumor formation in isogenic mice. Khezri AA, et al. **J Surg Res** 1984 Nov;37(5):354-60

Adverse effect of intrapleural Corynebacterium parvum as adjuvant therapy in resected stage I and II non-small cell carcinoma of the lung. Ludwig Lung Cancer Study Group. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):842-7

Surgery and chemotherapy. A new method of treatment for squamous cell bronchial carcinoma. Raut Y, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):754-7

Combined heart-lung transplantation for terminal pulmonary lymphangioleiomyomatosis. Wellens F, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):872-6

Complete regression of Lewis lung carcinoma by cyclophosphamide in combination with immunomodulators. Abe S, et al. **Jpn J Cancer Res** 1985 Jul;76(7):626-30

Intratumoral injections of Nocardia rubra-cell wall skeleton for hilar type lung cancer in humans and Lewis lung carcinoma in mice. Tsubura E. **Jpn J Med** 1985 Feb; 24(1):84-6

Randomized controlled trial of transfer factor immunochemotherapy as an adjunct to surgical treatment for primary adenocarcinoma of the lung. Fujisawa T, et al. **Jpn J Surg** 1984 Nov;14(6):452-8

Synergistic effect of K-18 and concomitant hyperthermia for treatment of Lewis lung carcinoma in mice. Tamada R, et al. **Jpn J Surg** 1985 Mar;15(2):173-6

A case report of repeated intraoperative electron beam irradiation on an aged patient with lung cancer. Nakatsu T, et al. **Keio J Med** 1982 Dec;31(4):181-90

Infrared contact coagulation: a new approach for local hyperthermic therapy of solid animal tumors. Lersch C, et al. **Oncology** 1984;41(6):442-5

Synergic effect of cisplatin, Adriamycin, and cyclophosphamide combination chemotherapy and radiotherapy in non-small cell lung cancer. Yoneda S, et al. **Oncology** 1985;42(1):1-6

Interferon therapy in disseminated renal cell carcinoma. Edsmyr F, et al. **Radiother Oncol** 1985 Aug;4(1):21-6

Intensive chemotherapy with autologous bone marrow transplantation in small cell carcinoma of the lung. Harper PG, et al. **Recent Results Cancer Res** 1985;97:146-56 (40 ref.)

Is there a role for immunotherapy in small cell bronchogenic carcinoma? Israel L. **Recent Results Cancer Res** 1985; 97:157-61 (26 ref.)

Primary therapy for small cell lung cancer reversing the Eaton-Lambert syndrome. Kalter S, et al. **South Med J** 1985 Feb;78(2):197-8

Small cell lung cancer. Sheehan RG. **Tex Med** 1984 Oct; 80(10):40-1 (12 ref.)

[5-year survival of a patient with untreated cancer of the lung] Salajka F. **Vnitr Lek** 1985 Jun;31(6):592-4 (Eng. Abstr.) (Cze)

[Herbal medicine versus placebo in the adjuvant treatment of patients with a radical operation for squamous cell carcinoma of the lung] Osterlind K, et al. **Nord Med** 1985; 100(4):116-9 (Eng. Abstr.) (Dan)

[Herbal medicine compared with a placebo in adjuvant treatment of patients after radical operation for squamous cell carcinoma of the lung] Osterlind K, et al. **Ugeskr Laeger** 1985 Jan 14;147(3):156-60 (Eng. Abstr.) (Dan)

[Small cell bronchial carcinoma: principles of treatment] De Greve J, et al. **J Belge Radiol** 1984;67(3):167-71 (Eng. Abstr.) (Dut)

[Treatment of primary bronchopulmonary cancers: current prospects] Andrieu JM. **Ann Med Interne (Paris)** 1985; 136(1):3-5 (Fre)

[Inoperable lung epidermoid cancer non metastasizing. A phase II trial using radiotherapy and combined chemotherapy] Le Chevalier T, et al. **Bull Cancer (Paris)** 1985;72(1):25-9 (Eng. Abstr.) (Fre)

[Alternating chemotherapy and radiotherapy in the induction treatment of small cell bronchial carcinoma (forms limited to the thorax)] Le Chevalier T, et al. **Presse Med** 1985 May 25;14(21):1181-8 (Eng. Abstr.) **(Fre)**

[Undifferentiated small cell bronchial cancer: role of the medical oncologist] Sculier JP, et al. **Rev Med Brux** 1985 Jan;6(1):13-9 (Eng. Abstr.) **(Fre)**

[Which therapeutic attitude should be adopted in the presence of non-small cell bronchopulmonary cancer?] Marechal F, et al. **Rev Pneumol Clin** 1985;41(2):77-84 (60 ref.) (Eng. Abstr.) **(Fre)**

[Combined treatment of small cell bronchopulmonary cancer. Results of a retrospective study of 59 patients] Marin I, et al. **Rev Pneumol Clin** 1984;40(5):327-31 (Eng. Abstr.) **(Fre)**

[Primary bronchial cancer: apropos of 156 pneumology cases the Averoes Casablanca University Hospital Center] Bouayad Z, et al. **Tunis Med** 1983 May-Jun;61(3):190-200 (Eng. Abstr.) **(Fre)**

[What is safe in the therapy of non-small cell bronchial cancer?] Gropp C. **Internist (Berlin)** 1984 Dec; 25(12):747-51 **(Ger)**

[Current perspectives in the management of small cell lung cancer] Fujita J, et al. **Gan No Rinsho** 1985 Jan;31(1):1-19 (152 ref.) (Eng. Abstr.) **(Jpn)**

[Effects of PS-K as adjuvant therapy for primary lung cancer--an autopsy case] Okazaki A, et al. **Gan No Rinsho** 1984 Oct;30(13):1707-12 (Eng. Abstr.) **(Jpn)**

[Significance of immunotherapy as an adjunct to surgical treatment in non-small cell carcinoma of the lung] Fujisawa T. **Gan To Kagaku Ryoho** 1985 Jan;12(1):13-20 (Eng. Abstr.) **(Jpn)**

[Clinical value of postoperative chemotherapy for non-small cell lung cancer--with special reference to long-term combined chemotherapy combined with immunotherapy] Watanabe Y, et al. **Gan To Kagaku Ryoho** 1985 Jan; 12(1):21-35 (Eng. Abstr.) **(Jpn)**

[Experience with induced hypertension chemotherapy for lung cancer] Yano H, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1125-30 (Eng. Abstr.) **(Jpn)**

[Studies on long-term intermittent immunochemotherapy of lung cancer--with special reference to surgical cases] Fukami A. **Igaku Kenkyu** 1984 Apr;54(4):383-400 (Eng. Abstr.) **(Jpn)**

[Studies of the histopathological effect of preoperative adjuvant cancer chemotherapy by one shot infusion via bronchial artery and prognosis of primary lung cancer] Yunoki K. **Igaku Kenkyu** 1984 May;54(6):589-602 (Eng. Abstr.) **(Jpn)**

[Long-term results of the pulmonary resection with and without combined antineoplastic agents for primary bronchogenic carcinoma] Ishikawa S, et al. **Kyobu Geka** 1985 Feb;38(2):113-7 (Eng. Abstr.) **(Jpn)**

[The immunotherapeutic effect of partially purified tumor specific transplantation antigen against pulmonary metastasis] Inaba S, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20;19(10):2273-8 (Eng. Abstr.) **(Jpn)**

[Bronchial arterial infusion of IFN-beta--a case report of lung cancer] Masuda H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1247-51 (Eng. Abstr.) **(Jpn)**

[Experimental and clinical studies on embolotherapy of lung cancer] Morita M, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):71-83 (Eng. Abstr.) **(Jpn)**

[Effect of total parenteral nutrition on the nutritional status and immunocompetence in host and on the tumor growth] Nishijima M, et al. **Nippon Geka Gakkai Zasshi** 1984 Jul; 85(7):643-53 (Eng. Abstr.) **(Jpn)**

[Combination radiotherapy and chemotherapy of primary lung cancer] Nishikawa K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):707-13 (Eng. Abstr.) **(Jpn)**

[Transfer factor immunotherapy as an adjunct to surgery in lung cancer] Fujisawa T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):68-73 (Eng. Abstr.) **(Jpn)**

[A case of pulmonary lymphangiomyomatosis diagnosed by TBLB and treated with progesterone and oophorectomy] Kuwabara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):795-9 (Eng. Abstr.) **(Jpn)**

[BCG immunotherapy as an adjuvant to surgery in lung cancer. An analysis of lymphocyte subsets of the peripheral blood using monoclonal antibodies] Miyazawa N, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):56-61 (Eng. Abstr.) **(Jpn)**

[Randomized controlled study on adjuvant immunotherapy for unresectable lung cancer with Nocardia rubra cell wall skeleton] Ogura T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):62-7 (Eng. Abstr.) **(Jpn)**

[A case of bronchogenic adenocarcinoma successfully treated with human leukocyte interferon] Komuro I, et al. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1831-6 **(Jpn)**

[Symposium on treatments of cancer. 7. Intratumoral injections of Nocardia rubra-cell wall skeleton in hilar type lung cancer of man and Lewis lung carcinoma of mice] Tsubura E. **Nippon Naika Gakkai Zasshi** 1984 Nov; 73(11):1616-21 **(Jpn)**

[Treatment of small cell carcinoma of the lung] Sueyama H, et al. **Rinsho Hoshasen** 1985 Apr;30(4):461-7 **(Jpn)**

[Value of monitoring serum carcinoembryonic antigen (CEA) levels for prognosis of patients with lung cancer treated by non-surgical methods] Ochnio J, et al. **Pneumonol Pol** 1984 Jul;52(7):321-9 (Eng. Abstr.) **(Pol)**

[Comparison of the results of surgical and conservative treatment of small-cell lung cancer] Rowińska-Zakrzewska E, et al. **Pneumonol Pol** 1985 Jan;53(1):31-8 (Eng. Abstr.) **(Pol)**

[Clinical trials of immunotherapy in lung cancer] Budzyński W, et al. **Wiad Lek** 1984 Jul 1;37(13):997-1003 (31 ref.) (Eng. Abstr.) **(Pol)**

[Combination therapy of small cell carcinoma of the lung] Trakhtenberg AKh, et al. **Sov Med** 1984;(12):39-42 (Eng. Abstr.) **(Rus)**

[T-activin in the combined treatment of patients with small cell cancer of the lung] Ausekar BV, et al. **Vopr Onkol** 1985;31(4):27-32 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

The ultrastructure of metastatic adenocarcinoma in serous fluids. An aid in identification of the primary site of the neoplasm. Hanna W, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):202-10

A case of malignant mesothelioma containing fibrous long-spacing fibers in the sarcomatous stroma. Katsuda S, et al. **Appl Pathol** 1984;2(1):1-9

Large cell carcinoma of the lung. Ultrastructural differentiation and clinicopathologic correlations. Albain KS, et al. **Cancer** 1985 Oct 1;56(7):1618-23

Ultrastructural and immunohistochemical studies of bronchiolo-alveolar carcinoma. Espinoza CG, et al. **Cancer** 1984 Nov 15;54(10):2182-9

Clara cell granules of peripheral lung cancers. Ogata T, et al. **Cancer** 1984 Oct 15;54(8):1635-44

Intermediate filament and cross-linked envelope expression in human lung tumor cell lines. Banks-Schlegel SP, et al. **Cancer Res** 1985 Mar;45(3):1187-97

An ultrastructural comparison of mesotheliomas with adenocarcinomas of the lung and breast. Warhol MJ, et al. **Hum Pathol** 1985 Jan;16(1):50-5

Diagnostic ultrastructural markers in alveolar cell carcinoma. Ghadially FN, et al. **J Submicrosc Cytol** 1985 Apr; 17(2):269-78

Oncocytic carcinoid of the lung. Ghadially FN, et al. **J Submicrosc Cytol** 1985 Jul;17(3):435-42

Electron microscopy in selection of patients with small cell carcinoma of the lung for medical versus surgical therapy. Iglehart JD, et al. **J Thorac Cardiovasc Surg** 1985 Sep; 90(3):351-60

Distribution and subcellular localization of surfactant-associated glycoproteins in human lung. Balis JU, et al. **Lab Invest** 1985 Jun;52(6):657-69

Influence of priming with 5-hydroxytryptophan on APUD characteristics in human small cell lung cancer cell lines. McMahon JB, et al. **Lung** 1984;162(5):261-9

Ultrastructure of macrocellular (large cell) carcinomas of the lung. Nicolescu PG, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):211-6

Asbestos-associated chromosomal changes in human mesothelial cells. Lechner JF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3884-8

Ultrastructural characterization of pulmonary neoplasms. I. The role of electron microscopy in characterization of the most common epithelial neoplasms. Herrera GA, et al. **Surv Synth Pathol Res** 1984;3(6):520-46 (85 ref.)

Pulmonary blastoma: an ultrastructural and histochemical study. Jackson MD, et al. **Ultrastruct Pathol** 1984; 7(4):259-68

[Intravascular sclerosing bronchoalveolar tumor--additional ultrastructural details] Miřejovský P. **Cesk Patol** 1984 Nov; 20(4):235-40 (Eng. Abstr.) **(Cze)**

[Significance of electron microscopy in the histological classification of lung carcinoma] Mooi WJ, et al. **Ned Tijdschr Geneeskd** 1985 Jun 15;129(24):1130-3 **(Dut)**

[Microcellular bronchial carcinoma. Diagnosis with electron microscopy] Loubet MA, et al. **Arch Anat Cytol Pathol** 1984;32(6):365-7 (Eng. Abstr.) **(Fre)**

[Bronchoalveolar cancer and Clara cells] Delage J, et al. **Rev Mal Respir** 1984;1(4):205-6 **(Fre)**

[The contribution of ultrastructural analysis to the diagnosis of bronchoalveolar cancers] Delage J, et al. **Rev Mal Respir** 1984;1(4):221-5 (Eng. Abstr.) **(Fre)**

[Biological and morphologic study of human bronchial carcinoma xenografts] Bak M, et al. **Morphol Igazsagugyi Orv Sz** 1984 Jul;24(3):171-9 (Eng. Abstr.) **(Hun)**

[Ultrastructural studies of central-type early squamous cell carcinoma of the lung] Nagai T, et al. **Gan No Rinsho** 1985 Jul;31(8):969-75 (Eng. Abstr.) **(Jpn)**

[Mixed small and large cell undifferentiated carcinoma of the lung] Tuder RM, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Mar-Apr; 39(2):88-91 (Eng. Abstr.) **(Por)**

[Molecular forms of acid phosphatase in malignant lung tumors] Golubev AM. **Vestn Akad Med Nauk SSSR** 1984; (8):53-5 (Eng. Abstr.) **(Rus)**

[Electron microscopic and biochemical characteristics of the hormonal activity of small-cell lung cancer] Smirnova EA, et al. **Vopr Onkol** 1985;31(6):38-43 (Eng. Abstr.) **(Rus)**

URINE

[Tumor transforming growth factor. I. Isolation and purification of tumor transforming growth factor from the urine of patients with small cell lung cancer and its biological activity] Liang ZQ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Aug; 6(4):236-9 (Eng. Abstr.) **(Chi)**

VETERINARY

Transforming potential of a retrovirus isolated from lung carcinoma of sheep. Safran N, et al. **Int J Cancer** 1985 Apr 15;35(4):499-504

Costal bone changes similar to hypertrophic osteopathy associated with pulmonary and abdominal mesothelioma in a dog. Craig JA, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1100-1

Bronchiolar adenocarcinoma in a cow. Scarratt WK, et al. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1549-51

A spontaneous bronchogenic carcinoma in a Sykes monkey (Cercopithecus mitis stuhlmani). Suleman MA, et al. **J Med Primatol** 1984;13(3):153-7

Clear cell carcinoma of the lung in a pigtailed macaque. Tsai CC, et al. **Lab Anim Sci** 1985 Feb;35(1):85-8

Nephroblastoma with liver and lung metastases in an adult dog. Nakayama H, et al. **Nippon Juigaku Zasshi** 1984 Dec; 46(6):897-900

Malignant neuroblastoma in a cow. Haynes JS, et al. **Vet Pathol** 1984 Nov;21(6):610-2

Spontaneous malignant hemangioendothelioma in two rabbits. Pletcher JM, et al. **Vet Pathol** 1984 Sep;21(5):542-4

LUNG PURPURA WITH NEPHRITIS see **GOODPASTURE'S SYNDROME**

LUNG VOLUME MEASUREMENTS

Airway deadspace, end-tidal CO2, and Christian Bohr. Fletcher R. **Acta Anaesthesiol Scand** 1984 Aug;28(4):408-11

Evaluation of single-breath helium dilution total lung capacity in obstructive lung disease. Burns CB, et al. **Am Rev Respir Dis** 1984 Oct;130(4):580-3

Nitrogen washout during tidal breathing with superimposed high-frequency chest wall oscillation. Harf A, et al. **Am Rev Respir Dis** 1985 Aug;132(2):350-3

Variability in measurements of pressure-volume curves in normal subjects. McCuaig KE, et al. **Am Rev Respir Dis** 1985 Apr;131(4):656-8

Paradox of REM sleep [letter] Moriette G, et al. **Am Rev Respir Dis** 1984 Nov;130(5):953-4

Determinants of maximal inspiratory pressure in chronic obstructive pulmonary disease. Rochester DF, et al. **Am Rev Respir Dis** 1985 Jul;132(1):42-7

Endogenous opioids and ventilatory responses to hypoxia in normal humans. Steinbrook RA, et al. **Am Rev Respir Dis** 1985 Apr;131(4):588-91

Functional residual capacity, thoracoabdominal dimensions, and central blood volume during general anesthesia with muscle paralysis and mechanical ventilation. Hedenstierna G, et al. **Anesthesiology** 1985 Mar;62(3):247-54

Measurement of functional residual capacity by sulfur hexafluoride washout. Jonmarker C, et al. **Anesthesiology** 1985 Jul;63(1):89-95

Sensitivity of end-tidal nitrogen in venous air embolism detection in dogs. Matjasko J, et al. **Anesthesiology** 1985 Oct;63(4):418-23

Inhalation provocation test with house dust allergen using tidal breathing. Mue S, et al. **Ann Allergy** 1985 Aug; 55(2):143-9

Effects of mitral valve replacement on ventilation, volumes, diffusing capacity and regional perfusion of lungs in patients with mitral valve disease. Mattila S, et al. **Ann Chir Gynaecol** 1985;74(2):82-5

Inspiratory time and tidal volume during intermittent positive pressure ventilation. Field D, et al. **Arch Dis Child** 1985 Mar;60(3):259-61

The relationship between airway size and lung size. Hanna GM, et al. **Br J Dis Chest** 1985 Apr;79(2):183-8

Interpretation of changes in spirographic and flow-volume variables after operative treatment in bilateral vocal cord paralysis. Bogaard JM, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):131-5

Comparison of magnetometer and inductance plethysmography derived Konno-Mead diagrams during CO2 rebreathing. Lopata M, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):159-63

Non-invasive semi-quantitative measurements of tidal pressure-volume and flow relations of lung in COPD patients. Moavero NE, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug;20(4):333-9

Optical measurement of the change in trunk volume with breathing. Peacock A, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):125-9

Accuracy of residual volume prediction--effects on body composition estimation in pulmonary dysfunction. Hackney AC, et al. **Can J Appl Sport Sci** 1985 Jun;10(2):88-93

Estimation of alveolar pressure variations during panting [letter] Bégin P, et al. **Chest** 1985 May;87(5):701

Measurement of tidal breath by determination of chest wall volume displacement in patients with airflow obstruction. Dadzie C, et al. **Chest** 1985 Sep;88(3):420-5

Frequency dependent phase and amplitude differences between simulated mouth and pleural pressures during panting. Demonstration with a mechanical model. Knudson RJ, et al. **Chest** 1984 Oct;85(4):589-91

The determination of static lung volumes [letter] Pennock BE. **Chest** 1985 Jun;87(6):846

Subjective and objective measurement of tidal volume in critically ill patients. Semmes BJ, et al. **Chest** 1985 May; 87(5):577-9

Lung volumes measured by helium dilution and by body plethysmography with mouth and oesophageal pressures: a comparative study in patients with lung disease. Dahlqvist M, et al. **Clin Physiol** 1985 Apr;5(2):179-87

What causes the lowered FRC during anaesthesia? Hedenstierna G, et al. **Clin Physiol** 1985;5 Suppl 3:133-41

Distribution of dead space volume in the human lung. Tatsis G, et al. **Clin Sci** 1984 Nov;67(5):493-7

Arterial to end-tidal CO2 gradients during spontaneous breathing, intermittent positive-pressure ventilation and jet ventilation. Capan LM, et al. **Crit Care Med** 1985 Oct; 13(10):810-3

Relationship between arterial and end-tidal CO2 tensions [letter] Fletcher R. **Crit Care Med** 1985 Jul;13(7):610-1

Bag-valve-mask ventilation; two rescuers are better than one: preliminary report. Jesudian MC, et al. **Crit Care Med** 1985 Feb;13(2):122-3

Pulmonary function before and after prolonged continuous positive airway pressure by mask. Stock MC, et al. **Crit Care Med** 1984 Nov;12(11):973-4

Effect on pulmonary function of propranolol and hydralazine in hypertension. Telang JV, et al. **Indian Heart J** 1984 May-Jun;36(3):173-5

Pulmonary function studies in myasthenia gravis. Jain S, et al. **Indian J Med Res** 1984 Jun;79:806-12

Frequency dependence of plethysmographic measurement of thoracic gas volume. Brown R, et al. **J Appl Physiol** 1984 Dec;57(6):1865-71

Effects of hypercapnia on Breuer-Hering threshold for inspiratory termination. Clanton TL, et al. **J Appl Physiol** 1984 Oct;57(4):1211-21

Effect of respiratory muscle weakness on P0.1 induced by partial curarization. Holle RH, et al. **J Appl Physiol** 1984 Oct;57(4):1150-7

Decrease in functional residual capacity during sleep in normal humans. Hudgel DW, et al. **J Appl Physiol** 1984 Nov;57(5):1319-22

Effect of the rebreathing pattern on pulmonary tissue volume and capillary blood flow. Kallay MC, et al. **J Appl Physiol** 1985 Jun;58(6):1881-94

Dynamic maintenance of end-expiratory lung volume in full-term infants. Kosch PC, et al. **J Appl Physiol** 1984 Oct;57(4):1126-33

Mean airway pressure and alveolar pressure during high-frequency ventilation. Simon BA, et al. **J Appl Physiol** 1984 Oct;57(4):1069-78

Immediate effect of verapamil on the respiratory functions in bronchial asthma. Zawar PB, et al. **J Assoc Physicians India** 1984 Sep;32(9):799-800

Proximal airway function 8 to 16 years after laryngomalacia: follow-up using flow-volume loop studies. Macfarlane PI, et al. **J Pediatr** 1985 Aug;107(2):216-8

A non-invasive method for estimation of lung tissue volume in patients with fibrosing lung disease: comparison with lung density measurement by positron transmission tomography. Peacock A, et al. **Lancet** 1984 Oct 6; 2(8406):785-7

Wet-wedge spirometer for the accurate continuous measurement of ventilation under anaesthesia. O'Connor SA, et al. **Med Biol Eng Comput** 1985 May;23(3):258-62

Pulmonary function of the reserpine and isoproterenol models of cystic fibrosis. Boyd RL, et al. **Pediatr Res** 1984 Oct;18(10):1028-31

Maturation of eupneic respiration in the neonatal monkey. LaFramboise WA, et al. **Pediatr Res** 1984 Oct;18(10):943-8

Surfactant treatment and ventilation by high frequency oscillation in premature newborn rabbits: effect on survival, lung aeration, and bronchiolar epithelial lesions. Nilsson R, et al. **Pediatr Res** 1985 Jan;19(1):143-7

Effects of changes in tidal volume on avian intrapulmonary chemoreceptor discharge. Gleeson M. **Respir Physiol** 1985 Jul;61(1):95-104

Respiratory volume-timing relationship during sustained elevation of functional residual capacity. Muza SR, et al. **Respir Physiol** 1984 Oct;58(1):77-86

Changes in clinical status and lung functions of patients with chronic respiratory diseases over 10 years. Mándi A, et al. **Respiration** 1984;46(2):151-9

Relationship of lung functions to age, sitting height and body composition in older men and women. Smolej N, et al. **Z Morphol Anthropol** 1984;75(1):97-105

[Clinical evaluation of closing volume measurement in chronic obstructive pulmonary diseases] Sa TS. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):296-8 (Eng. Abstr.) **(Chi)**

[The effect of hemodialysis on pulmonary volumes. Ventilatory changes during recession of congestion in the lesser circulation] Munclinger M, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1349-51 (Eng. Abstr.) **(Cze)**

[Prediction of the increase in functional residual capacity induced by positive expiratory pressure (letter)] Mancebo J, et al. **Ann Fr Anesth Reanim** 1984;3(6):468-9 **(Fre)**

[Tracheal stenoses--observations on the functional course following surgical correction] Gatzemeier U, et al. **Prax Klin Pneumol** 1984 Sep;38(9):402-5 (Eng. Abstr.) **(Ger)**

[Differences in lung function in smokers, former smokers and nonsmokers] Greifenberg B. **Prax Klin Pneumol** 1985 May; 39(5):165-9 (Eng. Abstr.) **(Ger)**

[Sensitivity of lung function parameters in the evaluation of bronchial hyperreactivity in children] Guerrero M, et al. **Prax Klin Pneumol** 1984 Jul;38(7):252-5 (Eng. Abstr.) **(Ger)**

[Principles of diagnosing aerobic and anaerobic capacity] Kindermann W. **Schweiz Z Sportmed** 1984 Sep;32(3):69-74 (Eng. Abstr.) **(Ger)**

[Respiratory function disorders caused by agrochemical exposure] Lehnigk B, et al. **Z Erkr Atmungsorgane** 1985; 164(3):267-9 (Eng. Abstr.) **(Ger)**

[Rhythm of lung function during the period of a week, with and without exposure to respiratory tract irritants] Maintz G, et al. **Z Erkr Atmungsorgane** 1985;164(2):173-7 (Eng. Abstr.) **(Ger)**

[Reference values for the inhomogeneity parameter V2/V1] Willroth PO, et al. **Z Erkr Atmungsorgane** 1984; 163(3):241-4 (Eng. Abstr.) **(Ger)**

[Lung function disorders in obesity] Wuthe H. **Z Erkr Atmungsorgane** 1984;163(3):217-28 (Eng. Abstr.) **(Ger)**

[Effect of the pulmonary gas volume on P0.1] Nakashima A, et al. **Kokyu To Junkan** 1985 Feb;33(2):199-204 (Eng. Abstr.) **(Jpn)**

[Clinical application of a capacitance pneumograph] Nagao K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):970-8 (Eng. Abstr.) **(Jpn)**

[Usefulness of determining closing volume for evaluation of the functional state of the peripheral respiratory system in patients with chronic bronchitis] Kurgan J. **Pol Tyg Lek** 1985 May 27;40(21):593-6 (Eng. Abstr.) **(Pol)**

[Importance of determining lung volume and airflow in evaluating the ventilatory function of the lungs] Pavičić F. **Arh Hig Rada Toksikol** 1984 Mar;35(1):43-50 (Eng. Abstr.) **(Scr)**

[Selection of spirometric tests in the evaluation of ventilatory function of the lungs] Žuškin E, et al. **Arh Hig Rada Toksikol** 1984 Mar;35(1):31-41 (Eng. Abstr.) **(Scr)**

[Problems in reference values for pulmonary volumes and flow in Yugoslavia] Sekulić S. **Plucne Bolesti** 1984 Jan-Jun; 36(1-2):66-8 (Eng. Abstr.) **(Scr)**

INSTRUMENTATION

The measurement of tidal volumes in spontaneously breathing children during general anaesthesia using a Haloscale infant Wright respirometer. Meeke R, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):696-9

Compression volume during mechanical ventilation: comparison of ventilators and tubing circuits. Bartel LP, et al. **Crit Care Med** 1985 Oct;13(10):851-4

Use of an acoustic helium analyzer and microprocessor for rapid measurement of absolute lung volume during mechanical ventilation. Gillespie DJ. **Crit Care Med** 1985 Feb;13(2):118-21

Neonatal endotracheal flowmeter for tidal volume, airway pressure, and end-tidal gas. Brady JP, et al. **J Appl Physiol** 1985 Mar;58(3):1023-5

[Rhinorheomanometry in the self care of allergic patients] Mayer B, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):191-3 (Eng. Abstr.) **(Ger)**

[An electronic data processing program for respiratory function diagnosis with the KRS 4201 computer] Krause M, et al. **Z Erkr Atmungsorgane** 1984;163(1):19-23 (Eng. Abstr.) **(Ger)**

[MEF test--an instrument for the determination of maximal expiratory flow values PEF, MEF 75, MEF 50, MEF 25] Ohme G. **Z Erkr Atmungsorgane** 1985;164(1):74-8 (Eng. Abstr.) **(Ger)**

[The use of an automatic ventilatory volume controller for the regulation of end tidal CO2] Yasumoto K, et al. **Masui** 1984 Nov;33(11):1236-41 (Eng. Abstr.) **(Jpn)**

METHODS

Lung volume measurement during closed circuit anesthesia. Schepp R. **Acta Anaesthesiol Belg** 1984;35(4):295-305

Lung volumes and distensibility. Finucane KE. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):790-3

Lateral position test and quantitative lung scan in the preoperative evaluation for lung resection. Schoonover GA, et al. **Chest** 1984 Dec;86(6):854-9

Measuring lung volumes from chest films using equations derived from computed tomography. Friedman PJ, et al. **Invest Radiol** 1984 Jul-Aug;19(4):263-8

Comparison of plethysmographic methods for obtaining thoracic gas volume in anesthetized dogs. Armengol JA, et al. **J Appl Physiol** 1985 Aug;59(2):653-7

Serial determination of lung volume in small animals by nitrogen washout. Standaert TA, et al. **J Appl Physiol** 1985 Jul;59(1):205-10

Variability of breath-by-breath tidal volume and its characteristics in normal and diseased subjects. Ventilatory monitoring with electrical impedance pneumography. Kuratomi Y, et al. **Jpn J Med** 1985 May;24(2):141-9

Regional tidal volume assessed by gated lung imaging. Muir AL, et al. **Nucl Med Commun** 1985 Mar;6(3):127-39

Calculation of lung volume in newborn infants by means of a computer-assisted nitrogen washout method. Sjöqvist BA, et al. **Pediatr Res** 1984 Nov;18(11):1160-4

Informative value of simple multibreath nitrogen washout measurements for clinical and research purposes. Cutillo AG, et al. **Respiration** 1985;47(2):81-9

[Further study on 'phase V' in the single-breath washout curve] Kunieda T, et al. **Kokyu To Junkan** 1985 Apr; 33(4):545-51 (Eng. Abstr.) **(Jpn)**

[Maximal inspiratory pressure and maximal expiratory pressure] Yasumoto K. **Kokyu To Junkan** 1984 Dec; 32(12):1259-64 (21 ref.) **(Jpn)**

[Clinical application of a capacitance pneumograph] Nagao K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):970-8 (Eng. Abstr.) **(Jpn)**

[Phase analysis of cardiogenic oscillations on the simultaneous washout curves of He and N2] Yoshioka T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):890-8 (Eng. Abstr.) **(Jpn)**

STANDARDS

[Coefficients for the standardization of gas volumes] Korshunov GV. **Patol Fiziol Eksp Ter** 1984 Jul-Aug; (4):82-4 **(Rus)**

LUPUS

Erythema annulare centrifugum, angio-oedema in lupus vulgaris. Shabbir SG, et al. **JPMA** 1984 Sep;34(9):276-9

CHEMICALLY INDUCED

Hydralazine-induced lupus: is there a toxic metabolic pathway? Timbrell JA, et al. **Eur J Clin Pharmacol** 1984; 27(5):555-9

COMPLICATIONS

Disseminated bone and joint tuberculosis 25 years after development of lupus vulgaris. White JP, et al. **Tubercle** 1985 Jun;66(2):145-9

DIAGNOSIS

[Diagnosis of tuberculous lupus erythematosus] Potekaev NS, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):61-4 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Lupus vulgaris responding to double antituberculous therapy. Heller GL, et al. **Cutis** 1984 Nov;34(5):481-3

ETIOLOGY

A multi-systemic disease (lupus-like) preceding bronchioloalveolar carcinoma. Kraus A, et al. **Clin Rheumatol** 1985 Jun;4(2):192-5

[Skin reaction to BCG vaccination] Gilhar A, et al. **Harefuah** 1984 Nov 1;107(9):230-1 (Eng. Abstr.) **(Heb)**

IMMUNOLOGY

Lupoid sclerosis: a possible pathogenetic role for antiphospholipid antibodies. Harris EN, et al. **Ann Rheum Dis** 1985 Apr;44(4):281-3

Identical specificity of lupus antibodies and antibodies elicited in rabbits against Sm and RNP antigens. Ishaq M, et al. **Immunol Commun** 1984;13(5):447-55

PATHOLOGY

Lupus miliaris disseminatus faciei. Shitara A. **Int J Dermatol** 1984 Oct;23(8):542-4

[Comparison of tuberculosis cutis luposa and cutaneous leishmaniasis] Kaufmann I, et al. **Z Hautkr** 1985 Jan; 60(1-2):93-9 (Eng. Abstr.) **(Ger)**

LUPUS ERYTHEMATOSUS, DISCOID

Antibody-dependent cellular cytotoxicity and skin disease. Norris DA, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):165s-175s

Neonatal lupus erythematosus: a review. Korkij W, et al. **Pediatr Dermatol** 1984 Jan;1(3):189-95 (56 ref.)

CHEMICALLY INDUCED

Subacute cutaneous lupus erythematosus associated with hydrochlorothiazide therapy. Reed BR, et al. **Ann Intern Med** 1985 Jul;103(1):49-51

Drug acetylation and expression of lupus erythematosus. Marsden JR, et al. **Eur J Clin Pharmacol** 1985;28(4):387-90

Chlorpromazine-induced lupuslike disease. Case report and review of the literature. Pavlidakey GP, et al. **J Am Acad Dermatol** 1985 Jul;13(1):109-15

COMPLICATIONS

Pulmonary hypertension and chronic cutaneous lupus erythematosus: association with the lupus anticoagulant [letter] Asherson RA, et al. **Arthritis Rheum** 1985 Jan; 28(1):118

Cheilitis and labial lesions of lupus in the French Indies [letter] Guillet G, et al. **Int J Dermatol** 1985 Jan-Feb; 24(1):66-7

[Spinocellular cancer at the site of chronic discoid lupus erythematosus] Heider L, et al. **Hautarzt** 1984 Sep; 35(9):464-7 (Eng. Abstr.) **(Ger)**

CONGENITAL

Neonatal lupus erythematosus in four successive siblings born to a mother with discoid lupus erythematosus. Gawkrodger DJ, et al. **Br J Dermatol** 1984 Dec;111(6):683-7

DIAGNOSIS

Use of indirect immunofluorescence in the lupus erythematosus/lichen planus overlap syndrome: an additional diagnostic clue. Camisa C, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1050-9

Relationships between antinuclear and anti-Ro/SS-A antibodies in subacute cutaneous lupus erythematosus. Deng JS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):494-9

The lupus band test: a re-evaluation. Weigand DA. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):230-4

Discoid lupus erythematosus of the palms. Rebora A, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):195-7

[Oral discoid lupus erythematosus. Diagnostic considerations apropos of a case] Bermejo Fenoll A, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):156-64 (Eng. Abstr.) **(Fre)**

[Diagnosis of tuberculous lupus erythematosus] Potekaev NS, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):61-4 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Successful treatment of generalized discoid skin lesions with azathioprine. Its use in a patient with systemic lupus erythematosus. Tsokos GC, et al. **Arch Dermatol** 1985 Oct; 121(10):1323-5

Annular subacute cutaneous lupus erythematosus responsive to dapsone. McCormack LS, et al. **J Am Acad Dermatol** 1984 Sep;11(3):397-401

[Chronic discoid lupus erythematosus; who is afraid of the red wolf?] van Joost T, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):769-71 **(Dut)**

[Clinical effectiveness of T-activin in the treatment of cutaneous forms of lupus erythematosus] Skripkin IuK, et al. **Vestn Dermatol Venerol** 1985 May;(5):8-11 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Systemic lupus erythematosus in patients with chronic cutaneous (discoid) lupus erythematosus. Clinical and laboratory findings in seventeen patients. Callen JP. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):278-88

FAMILIAL & GENETIC

Familial discoid lupus erythematosus associated with heterozygous C4 deficiency. Voigtländer V, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):552-4

IMMUNOLOGY

Neonatal lupus erythematosus. A report of three cases associated with anti-Ro/SSA antibodies. Lumpkin LR 3d, et al. **Arch Dermatol** 1985 Mar;121(3):377-81

Human histocompatibility antigen associations in patients with chronic cutaneous lupus erythematosus. Fowler JF, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):73-7

Complement factor 6 deficiency associated with lupus [letter] Mooney E. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):896-7

Detection of cross reactive anti-DNA antibody idiotypes on tissue-bound immunoglobulins from skin biopsies of lupus patients. Isenberg D, et al. **J Immunol** 1985 Jul;135(1):261-4

[C2 deficiency and diseases. Apropos of a case of discoid lupus] Doutre MS, et al. **Rev Med Interne** 1985 Jan; 6(1):49-54 **(Fre)**

METABOLISM

[Changes in the metabolism of tryptophan in erythematosus] Cardin de' Stefani E, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1535-40 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Staining patterns of oral lesions of discoid lupus erythematosus by monoclonal anti-keratin antibodies. Reibel J, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jul; 93(4):159-64

Biopsy of annular erythemas [letter] Burge SM. **Am J Dermatopathol** 1984 Oct;6(5):519-20

Cutaneous horn arising in chronic discoid lupus erythematosus [letter] Dabski K, et al. **Arch Dermatol** 1985 Jul;121(7):837-8

Sweet's syndrome in subacute cutaneous lupus erythematosus. Goette DK. **Arch Dermatol** 1985 Jun; 121(6):789-91

Immunohistochemical studies in lymphocytic infiltration of the skin (Jessner) and discoid lupus erythematosus. A comparative study. Willemze R, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):832-40

Light, electron and immunofluorescence microscopic features of oral lichen planus, lupus erythematosus and leukoplakia. A review. Jungell P, et al. **Proc Finn Dent Soc** 1984;80(3):107-14 (63 ref.)

[Discoid lupus or lichen planus in a woman with familial septic granulomatosis] Roujeau JC, et al. **Ann Dermatol Venereol** 1984;111(8):757-8 **(Fre)**

[Gougerot's lupus erythematosus tumidus] Mosquera Vieitez JC, et al. **Med Catan Ibero Lat Am** 1984;12(5):425-9 (Eng. Abstr.) **(Spa)**

LUPUS ERYTHEMATOSUS DISSEMINATUS see LUPUS ERYTHEMATOSUS, SYSTEMIC

LUPUS ERYTHEMATOSUS, SYSTEMIC

A renal biopsy study of lupus nephropathy in the United States and Korea. Lee HS, et al. **Am J Kidney Dis** 1985 May;5(5):242-50

Lupus nephropathy and pregnancy. Burkett G. **Clin Obstet Gynecol** 1985 Jun;28(2):310-23 (36 ref.)

Issues in glomerulonephritis and renin system. **Contrib Nephrol** 1984;43:1-203

Telling patients about lupus [letter] Hodgson J. **Lancet** 1985 Sep 21;2(8456):670

Chorea gravidarum and SLE [letter] Webb J. **Med J Aust** 1984 Nov 24;141(11):764

Systemic lupus erythematosus and systemic sclerosis. Ziegler GC. **Nurs Clin North Am** 1984 Dec;19(4):673-95 (25 ref.)

[SLE and pregnancy. Presentation of a clinical case with diagnostic and therapeutic considerations] Gneo S, et al. **Minerva Ginecol** 1985 Apr;37(4):153-6 (Eng. Abstr.) **(Ita)**

[Systemic lupus erythematosus and pregnancy] Pilić Z, et al. **Med Pregl** 1984;37(9-10):437-40 (Eng. Abstr.) **(Scr)**

BLOOD

The effect of sera of patients with systemic lupus erythematosus on artificial immune complexes. Bányai A, et al. **Acta Med Hung** 1985;42(1-2):51-7

Serum level of complement factor D in systemic lupus erythematosus--an indicator of glomerular filtration rate. Sturfelt G, et al. **Acta Med Scand** 1984;216(2):171-7

Comparison of two simple tests for the lupus anticoagulant. Exner T. **Am J Clin Pathol** 1985 Feb;83(2):215-8

Lupus anticoagulant: an analysis of the clinical and laboratory features of 219 cases. Gastineau DA, et al. **Am J Hematol** 1985 Jul;19(3):265-75

Serum C-reactive protein measurement in the detection of intercurrent infection in Oriental patients with systemic lupus erythematosus. Hind CR, et al. **Ann Rheum Dis** 1985 Apr;44(4):260-1

Serum alpha interferon and lymphocyte inclusions in systemic lupus erythematosus. Klippel JH, et al. **Ann Rheum Dis** 1985 Feb;44(2):104-8

Enhanced prostanoid release from monocytes of patients with rheumatoid arthritis and active systemic lupus erythematosus. Seitz M, et al. **Ann Rheum Dis** 1985 Jul; 44(7):438-45

Thrombosis in systemic lupus erythematosus. Relation to the presence of circulating anticoagulants. Glueck HI, et al. **Arch Intern Med** 1985 Aug;145(8):1389-95

Low C3b receptor reactivity on erythrocytes from patients with systemic lupus erythematosus detected by immune adherence hemagglutination and radioimmunoassays with monoclonal antibody. Minota S, et al. **Arthritis Rheum** 1984 Dec;27(12):1329-35

Low plasma renin activity in lupus-prone mice: a metabolic abnormality in MRL/Mp-lpr/lpr mice? [letter] Rudofsky UH, et al. **Arthritis Rheum** 1985 May;28(5):599-600

Essential fatty acids in diabetes and systemic lupus erythematosus (SLE) patients. Pottathil R, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):803-8

The association of lupus anticoagulant and anti-DNA binding in patients with systemic lupus erythematosus. Bennett RE, et al. **Cleve Clin Q** 1985 Summer;52(2):115-8

Antithrombin III in systemic lupus erythematosus. Boey ML, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):53-6

High C-reactive protein response in lupus polyarthritis. Moutsopoulos HM, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):53-5

Common variable immune deficiency syndrome associated with lupus anticoagulant. Ruggieri AP, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):71-3

Transcobalamin II, a serum protein reflecting autoimmune disease activity, its plasma dynamics, and the relationship to established serum parameters in systemic lupus erythematosus. Lässer U, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):345-57

Defective monocyte function in patients with systemic lupus erythematosus. Phillips R, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):69-76

Sex hormones in male patients with systemic lupus erythematosus: a comparison with other disease groups. Mackworth-Young CG, et al. **Eur J Rheumatol Inflamm** 1983;6(3):228-32

Autoantibody to the C3b/C4b receptor and absence of this receptor from erythrocytes of a patient with systemic lupus erythematosus. Wilson JG, et al. **J Clin Invest** 1985 Jul; 76(1):182-90

Fibrinolysis in health and disease: severe abnormalities in systemic lupus erythematosus. Glas-Greenwalt P, et al. **J Lab Clin Med** 1984 Dec;104(6):962-76

Platelet bound IgG levels in patients with systemic lupus erythematosus. Bonacossa IA, et al. **J Rheumatol** 1985 Feb; 12(1):78-80

The effect of serum from patients with systemic lupus erythematosus on the immune response of normal lymphocytes. Jarrett MP, et al. **J Rheumatol** 1985 Feb; 12(1):81-6

Direct stimulation of neutrophil oxygenation activity by serum from patients with systemic lupus erythematosus: a relationship to disease activity. Via CS, et al. **J Rheumatol** 1984 Dec;11(6):745-53

Correction of clotting factor 'deficiencies' in plasma from patients with lupus-like anticoagulants. Clyne LP, et al. **Thromb Haemost** 1984 Jul 29;51(3):317-20

Similar mechanism of various lupus anticoagulants. Exner T. **Thromb Haemost** 1985 Feb 18;53(1):15-8

The diagnosis of lupus anticoagulants by the activated partial thromboplastin time--the central role of phosphatidyl serine. Kelsey PR, et al. **Thromb Haemost** 1984 Oct 31; 52(2):172-5

[Relationship between asthenia-syndrome of rheumatism and levels of blood trace elements] Xu ZF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):229-31, 196 (Eng. Abstr.) **(Chi)**

[Reactivation of the alpha 1-fetoprotein synthesis in systemic lupus erythematosus] Wollina U, et al. **Z Hautkr** 1985 Jun 1;60(11):902-7 (Eng. Abstr.) **(Ger)**

[Pathogenesis of anemia in collagen disease (I). Heme synthesis of bone marrow erythroblasts in systemic lupus erythematosus (SLE) and the effect of peripheral blood mononuclear cells and sera] Sugaya N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1377-82 (Eng. Abstr.) **(Jpn)**

[Systemic lupus erythematosus associated with suggestive evidence of Factor IX inhibitor: a case report] Yamada H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug; 73(8):1177-82 **(Jpn)**

[Cytophotometric study of the change in DNA content in the nuclei of human blood lymphocytes in systemic lupus erythematosus] Sakene VE, et al. **Tsitologiia** 1984 Oct; 26(10):1212-6 (Eng. Abstr.) **(Rus)**

[Significance of cryoglobulins in the clinical course of systemic lupus erythematosus] Ortega González G, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):358-60 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Cerebrospinal fluid IgM, IgA, and IgG indexes in systemic lupus erythematosus. Their use as estimates of central nervous system disease activity. Hirohata S, et al. **Arch Intern Med** 1985 Oct;145(10):1843-6

CHEMICALLY INDUCED

Hydralazine-induced lupus syndrome. French WJ. **Ala J Med Sci** 1984 Oct;21(4):427-30

Drug-induced lupus: clinical spectrum and pathogenesis. Cush JJ, et al. **Am J Med Sci** 1985 Jul;290(1):36-45 (98 ref.)

Procainamide, quinidine, and lupus erythematosus [letter] Amadio P Jr, et al. **Ann Intern Med** 1985 Mar;102(3):419

Lupus anticoagulant in drug-induced systemic lupus erythematosus (SLE) [letter] Gastineau DA, et al. **Arch Intern Med** 1985 Oct;145(10):1926-7

Quinidine-induced lupus erythematosus [letter] Krainin MJ, et al. **Arch Intern Med** 1985 Sep;145(9):1740-1

Systemic lupus erythematosus (SLE) induced by quinidine. Lavie CJ, et al. **Arch Intern Med** 1985 Mar;145(3):446-8

Hydralazine hoarseness. A new appearance of drug-induced systemic lupus erythematosus. Weiser GA, et al. **Arch Intern Med** 1984 Nov;144(11):2271-2

Carbamazepine induced systemic lupus erythematosus: case report. Bateman DE. **Br Med J [Clin Res]** 1985 Sep 7; 291(6496):632-3

Hydralazine induced lupus syndrome with eye disease. Doherty M, et al. **Br Med J [Clin Res]** 1985 Mar 2; 290(6469):675

Fatal exacerbation of systemic lupus erythematosus after treatment with griseofulvin. Madhok R, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):249-50

The lupus syndrome induced by hydralazine [letter] Ramsay LE, et al. **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1310-1

Hydralazine and lupus nephritis. Ihle BU, et al. **Clin Nephrol** 1984 Nov;22(5):230-8

Drug acetylation and expression of lupus erythematosus. Marsden JR, et al. **Eur J Clin Pharmacol** 1985;28(4):387-90

Lupus after six years of mild hypertension. Altus P. **Hosp Pract [Off]** 1985 Jun 15;20(6):58, 60

Antinuclear antibodies as indicators for the procainamide-induced systemic lupus erythematosus-like syndrome and its clinical presentations. Gorsulowsky DC, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):245-53

Drug-induced lupus [letter] Christophidis N. **Lancet** 1984 Oct 13;2(8407):868

Nomifensine-induced allergic reactions [letter] Miescher PA. **Lancet** 1985 Sep 7;2(8454):551-2

Hydralazine--is there a safe dose? [editorial] Kincaid-Smith P. **Med J Aust** 1985 Mar 18;142(6):337

PUVA-induced lupus erythematosus in a patient with polymorphous light eruption. McFadden N. **Photodermatol** 1984 Jun;1(3):148-50

Drug-induced systemic lupus erythematosus. Differentiating it from the real thing. Kale SA. **Postgrad** Med 1985 Feb

15;77(3):231-5, 238-9, 242 (10 ref.)

Drug-induced lupus. Genetic, clinical, and laboratory features. Totoritis MC, et al. **Postgrad Med** 1985 Sep 1; 78(3):149-52, 155-61

Quinidine induced lupus syndrome. McCormack GD, et al. **Semin Arthritis Rheum** 1985 Aug;15(1):73-9

[A new case of lupus induced by acebutolol] Hourdebaigt-Larrusse P, et al. **Ann Cardiol Angeiol (Paris)** 1985 Jun;34(6):421-3 (Eng. Abstr.) **(Fre)**

[Acebutolol and a lupus syndrome. Apropos of a case] Bigot MC, et al. **Therapie** 1984 Sep-Oct;39(5):571-5 (Eng. Abstr.) **(Fre)**

[Drug-induced lupus. Clinical and etiological data] Bourgeois P, et al. **Therapie** 1985 Mar-Apr;40(2):129-33 (Eng. Abstr.) **(Fre)**

[Drug-induced lupus. Physiopathological data] Kaplan G, et al. **Therapie** 1985 Mar-Apr;40(2):123-7 (Eng. Abstr.) **(Fre)**

[Pathogenesis of systemic lupus erythematosus: effect of aromatic amines] Merk H. **Z Hautkr** 1984 Jun 1; 59(11):709-10 **(Ger)**

[Diagnostic problems in hydantoin immunopathy. Review of the literature and description of 3 cases] Amadori G, et al. **Minerva Med** 1984 Nov 3;75(42):2503-19 (Eng. Abstr.) **(Ita)**

[Drug-induced lupus] Lovisetto P, et al. **Recenti Prog Med** 1985 Feb;76(2):110-7 (92 ref.) (Eng. Abstr.) **(Ita)**

[A case of drug-induced lupus] Lovisetto P, et al. **Recenti Prog Med** 1985 Feb;76(2):84-6 (Eng. Abstr.) **(Ita)**

[Drug-induced pancytopenia and systemic lupus erythematosus. Immune suppression of hemopoietic progenitor cells in the presence of the patient's peripheral blood cells, acute serum and the drug] Koike K, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1635-40 (Eng. Abstr.) **(Jpn)**

CLASSIFICATION

Systemic lupus erythematosus: delineation of subpopulations by clinical, serologic, and T cell subset analysis. Smolen JS, et al. **Am J Med Sci** 1985 Apr;289(4):139-47

Evaluation of the 1982 American Rheumatism Association revised criteria for the classification of systemic lupus erythematosus [letter] Davatchi F, et al. **Arthritis Rheum** 1985 Jun;28(6):715

Application, to Japanese patients, of the 1982 American Rheumatism Association revised criteria for the classification of systemic lupus erythematosus. Yokohari R, et al. **Arthritis Rheum** 1985 Jun;28(6):693-8

The lupus activity criteria count (LACC) Urowitz MB, et al. **J Rheumatol** 1984 Dec;11(6):783-7

[Cluster analysis of the classification of disseminated lupus erythematosus] Bokemeyer B, et al. **Z Rheumatol** 1984 Sep-Oct;43(5):462-74 (Eng. Abstr.) **(Ger)**

[Studies on the 1982 revised criteria for the classification of systemic lupus erythematosus] Hashimoto H, et al. **Ryumachi** 1985 Feb;25(1):2-7 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Urinary cytology of cytomegalovirus infection associated with systemic lupus erythematosus [letter] Iwa N, et al. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):775-6

Insulin resistant diabetes mellitus associated with acanthosis nigricans and systemic lupus erythematosus in a Nigerian male. Bella AF, et al. **Afr J Med Med Sci** 1985 Mar-Jun; 14(1-2):71-4

Subepithelial electron-dense deposits in idiopathic and lupus membranous glomerulonephropathy [letter] Baumal R, et al. **Am J Clin Pathol** 1985 Jun;83(6):775

Primary sclerosing cholangitis occurring in a patient with systemic lupus erythematosus and diabetes mellitus. Alberti-Flor JJ, et al. **Am J Gastroenterol** 1984 Nov; 79(11):889-91

Complete distal renal tubular acidosis in systemic lupus: clinical and laboratory findings. Caruana RJ, et al. **Am J Kidney Dis** 1985 Jul;6(1):59-63

Thrombotic thrombocytopenic purpura syndrome in systemic lupus erythematosus: treatment with plasma infusion. Gelfand J, et al. **Am J Kidney Dis** 1985 Sep; 6(3):154-60

Appraisal of lupus nephritis by renal imaging with gallium-67. Bakir AA, et al. **Am J Med** 1985 Aug; 79(2):175-82

Acute granulocytic leukemia following systemic lupus erythematosus. Paolozzi FP, et al. **Am J Med Sci** 1985 Jul; 290(1):32-5

Clinical and pathological features of membranous glomerulonephritis of systemic lupus erythematosus. Schwartz MM, et al. **Am J Nephrol** 1984;4(5):301-11

Clonazepam in the treatment of recurrent symptoms of depression and anxiety in a patient with systemic lupus erythematosus. Jones BD, et al. **Am J Psychiatry** 1985 Mar; 142(3):354-5

Cardiovascular manifestations in systemic lupus erythematosus. Prospective study of 100 patients. Badui E, et al. **Angiology** 1985 Jul;36(7):431-41

Splenectomy does not cure the thrombocytopenia of systemic lupus erythematosus. Hall S, et al. **Ann Intern Med** 1985 Mar;102(3):325-8

Lupus nephritis and other autoimmune features in patients with diabetes mellitus due to autoantibody to insulin receptors. Tsokos GC, et al. **Ann Intern Med** 1985 Feb; 102(2):176-81

Acute systemic lupus erythematosus with fatal pneumonitis and disseminated intravascular coagulation. Chellingsworth M, et al. **Ann Rheum Dis** 1985 Jan;44(1):67-9

Osteonecrosis at multiple sites in a patient with systemic lupus erythematosus. Darlington LG. **Ann Rheum Dis** 1985 Jan; 44(1):65-6

Tetraplegia as a presenting feature of systemic lupus erythematosus complicated by pulmonary hypertension. Hardie RJ, et al. **Ann Rheum Dis** 1985 Jul;44(7):491-3

Acute autonomic neuropathy in association with systemic lupus erythematosus. Hoyle C, et al. **Ann Rheum Dis** 1985 Jun;44(6):420-4

Refractory massive pleural effusion in systemic lupus erythematosus treated with talc poudrage. Kaine JL. **Ann Rheum Dis** 1985 Jan;44(1):61-4

Systemic lupus erythematosus and invasive thymoma: report of two cases. Steven MM, et al. **Ann Rheum Dis** 1984 Dec; 43(6):825-8

Pulmonary hypertension, systemic lupus erythematosus, and the contraceptive pill. Todd GR, et al. **Ann Rheum Dis** 1985 Apr;44(4):266-7

Systemic lupus erythematosus with pemphigus vulgaris [letter] Fong PH, et al. **Arch Dermatol** 1985 Jan;121(1):26-7

Steroid-dependent nephrotic syndrome in lupus nephritis. Response to chlorambucil. Abuelo JG, et al. **Arch Intern Med** 1984 Dec;144(12):2411-2

Embolic stroke complicating systemic lupus erythematosus. Gorelick PB, et al. **Arch Neurol** 1985 Aug;42(8):813-5

Retinopathy and systemic lupus erythematosus [letter] Coppeto JR. **Arch Ophthalmol** 1984 Dec;102(12):1748-9

Salmonella bacteremia in systemic lupus erythematosus. Eight-year experience at a municipal hospital. Abramson S, et al. **Arthritis Rheum** 1985 Jan;28(1):75-9

Aortic arch syndrome associated with anticardiolipin antibodies and the lupus anticoagulant: comment on Ferrante paper [letter] Asherson RA, et al. **Arthritis Rheum** 1985 May;28(5):594-5

Thrombotic thrombocytopenic purpura developing during pregnancy in a C2-deficient patient with a history of systemic lupus erythematosus. Dixit R, et al. **Arthritis Rheum** 1985 Mar;28(3):341-4

Pure red cell aplasia and protein-losing enteropathy in a patient with systemic lupus erythematosus. Heck LW, et al. **Arthritis Rheum** 1985 Sep;28(9):1059-61

Renal malakoplakia and systemic lupus erythematosus [letter] Varga J. **Arthritis Rheum** 1985 Feb;28(2):237

Chronic hemodialysis in end-stage lupus nephritis: changes of clinical and serological activities. Pahl MV, et al. **Artif Organs** 1984 Nov;8(4):423-8

Unusual transformations of renal involvement in systemic lupus erythematosus. Yeung CK, et al. **Aust NZ J Med** 1985 Feb;15(1):69-71

Fatal Salmonella septicaemia in a patient with systemic lupus erythematosus and splenic atrophy. Foster PN, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):434-5

Thrombocytopenia in SLE and related autoimmune disorders: association with anticardiolipin antibody. Harris EN, et al. **Br J Haematol** 1985 Feb;59(2):227-30

Libman-Sacks endocarditis: the diagnostic importance of two-dimensional echocardiography. Kahan A, et al. **Br J Rheumatol** 1985 May;24(2):187-90

Thrombocytopenia in a case of systemic lupus erythematosus: repeated administration of 'pulse' methyl prednisolone. Mackworth-Young CG, et al. **Br J Rheumatol** 1984 Nov; 23(4):298-300

Why do patients with lupus nephritis die? [letter] Leung AT, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):937

Pleuro-pulmonary manifestations of systemic lupus erythematosus: clinical features of its subgroups. Prognostic and therapeutic implications. Pines A, et al. **Chest** 1985 Jul;88(1):129-35

Acute myocardial infarction associated with systemic lupus erythematosus documented by coronary arteriograms. Takatsu Y, et al. **Chest** 1985 Jul;88(1):147-9

Solubilization of intraglomerular deposits of IgG immune complexes by human sera or gamma-globulin in patients with lupus nephritis. Tomino Y, et al. **Clin Exp Immunol** 1984 Oct;58(1):42-8

Renal vein thrombosis in systemic lupus erythematosus: association with the 'lupus anticoagulant'. Asherson RA, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):75-9

Tophaceous gout in patients with systemic lupus erythematosus. Bradley JD, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):151-5

Cerebral infarction in systemic lupus: association with anticardiolipin antibodies. Harris EN, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):47-51

Methylprednisolone pulse therapy for lupus nephritis: a followup study. Hoch S, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):313-20

Hypogammaglobulinaemia in systemic lupus erythematosus: report of a case with evidence for spontaneously activated T suppressor cells. Peters J, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):145-9

Triad of nephrotic syndrome, antinuclear antibodies and positive lupus band test [letter] Soppi E, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):355-7

Cerebral infarction in systemic lupus: association with anticardiolipin antibodies [editorial] Williams RC Jr. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):3-4

Effect of mizoribine on lupus nephropathy of New Zealand black/white F1 hybrid mice. Kamata K, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):31-8

End-stage renal failure in systemic lupus erythematosus with nephritis. Correia P, et al. **Clin Nephrol** 1984 Dec; 22(6):293-302

Fatal pneumococcal epiglottitis in lupus overlap syndrome. Isenberg DA, et al. **Clin Rheumatol** 1984 Dec;3(4):529-32

Clinical course of lupus nephritis. Grünfeld JP, et al. **Contrib Nephrol** 1984;43:12-24 (28 ref.)

Clinicopathologic correlations in lupus nephritis. Pirani CL. **Contrib Nephrol** 1985;45:185-99

Raynaud's phenomenon with oral manifestation in systemic lupus erythematosus. da Cunha Bang F, et al. **Dermatologica** 1985;170(5):263-4

Lepromatous leprosy complicated with systemic lupus erythematosus. Ohkawa S, et al. **Dermatologica** 1985; 170(2):80-3

Protein-losing enteropathy in systemic lupus erythematosus. Monballyu J, et al. **Digestion** 1985;31(4):243-6

Chorea and systemic lupus erythematosus. A critical review. Bruyn GW, et al. **Eur Neurol** 1984;23(4):278-90

Budd-Chiari syndrome and the lupus anticoagulant [letter] Roudot-Thoraval F, et al. **Gastroenterology** 1985 Feb; 88(2):605

Rapidly progressive pancytopenia, hepatomegaly, and abnormal lung uptake of colloid in systemic lupus erythematosus: possible saturation of reticuloendothelial system with blood elements. Sakurai T, et al. **Henry Ford Hosp Med J** 1984;32(2):142-5

The Fine page. Thromboembolism in patients with the lupus anticoagulant. Fine RM. **Int J Dermatol** 1984 Oct; 23(8):545-6

Cheilitis and labial lesions of lupus in the French Indies [letter] Guillet G, et al. **Int J Dermatol** 1985 Jan-Feb; 24(1):66-7

Terminal ileitis in a patient with systemic lupus erythematosus. Knecht A, et al. **Isr J Med Sci** 1985 Jan; 21(1):67-8

Systemic lupus erythematosus in patients with chronic cutaneous (discoid) lupus erythematosus. Clinical and laboratory findings in seventeen patients. Callen JP. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):278-88

Appearance of lupus erythematosus in a patient with lichen sclerosus et atrophicus of the elbows [letter] Kahana M, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):127-9

Distinct clonotypes of anti-DNA antibodies in mice with lupus nephritis. Yoshida H, et al. **J Clin Invest** 1985 Aug; 76(2):685-94

Homonymous hemianopia and systemic lupus erythematosus. Traboulsi EI, et al. **J Clin Neuro Ophthalmol** 1985 Mar; 5(1):63-6

Amyloidosis in a case of canine systemic lupus erythematosus. Grindem CB, et al. **J Comp Pathol** 1984 Oct;94(4):569-73

Abdominal computed tomography scan in acute lupus abdominal serositis. Oddis C, et al. **J Comput Tomogr** 1984 Oct;8(4):337-9

Salmonella osteomyelitis in a patient with systemic lupus erythematosus. Sattar MA, et al. **J Infect** 1984 Jul;9(1):93-6

Evidence that anti-basement membrane zone antibodies in bullous eruption of systemic lupus erythematosus recognize epidermolysis bullosa acquisita autoantigen. Gammon WR, et al. **J Invest Dermatol** 1985 Jun;84(6):472-6

Hemoglobin sickle cell disease and systemic lupus erythematosus. Warrier RP, et al. **J Natl Med Assoc** 1984 Oct;76(10):1030-1

Epilepsy: an early symptom of systemic lupus erythematosus [letter] Mackworth-Young CG, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):185

Acute necrotizing ulcerative gingivitis in a case of systemic lupus erythematosus. Jaworski CP, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):43-6

Pseudotumor cerebri associated with cerebral venous sinus thrombosis, internal jugular vein thrombosis, and systemic lupus erythematosus. Kaplan RE, et al. **J Pediatr** 1985 Aug; 107(2):266-8

Massive pulmonary hemorrhage: fatal complication of systemic lupus erythematosus [letter] Castañeda S, et al. **J Rheumatol** 1985 Feb;12(1):186-7

Pulmonary hypertension in systemic lupus erythematosus. Gladman DD, et al. **J Rheumatol** 1985 Apr;12(2):365-7

Occlusive retinal vascular disease in systemic lupus erythematosus. Hall S, et al. **J Rheumatol** 1984 Dec; 11(6):846-50

Optic neuritis in systemic lupus erythematosus [letter] Smith CA, et al. **J Rheumatol** 1985 Feb;12(1):190

M-mode and two-dimensional echocardiographic abnormalities in systemic lupus erythematosus. Klinkhoff AV, et al. **JAMA** 1985 Jun 14;253(22):3273-7

A study of lupus nephritis. Dawani ML, et al. **JPMA** 1985 Jun;35(6):167-70

Neurosis divisible and SLE [letter] Dalgleish AG. **Lancet** 1985 Apr 20;1(8434):931-2

Treatment of lupus nephritis [letter] Bocanegra TS, et al. **N Engl J Med** 1985 Jan 10;312(2):122

Evidence for the superiority of immunosuppressive drugs and prednisone over prednisone alone in lupus nephritis. Results of a pooled analysis. Felson DT, et al. **N Engl J Med** 1984 Dec 13;311(24):1528-33

Tubular functions in lupus nephropathy [letter] Feng PH.

Nephron 1985;40(1):126

Captopril treatment of hypertension and renal failure in systemic lupus erythematosus. Herlitz H, et al. **Nephron** 1984;38(4):253-6

Chronic demyelinating polyneuropathy in systemic lupus erythematosus. Rechthand E, et al. **Neurology (NY)** 1984 Oct;34(10):1375-7

Pulmonary nocardiosis in a child with systemic lupus erythematosus. Garty BZ, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):66-8

Cerebral systemic lupus erythematosus presenting with catatonia. Lanham JG, et al. **Postgrad Med J** 1985 Apr; 61(714):329-30

Cardiovascular manifestations of systemic lupus erythematosus: current perspective. Ansari A, et al. **Prog Cardiovasc Dis** 1985 May-Jun;27(6):421-34 (62 ref.)

The liver in systemic lupus erythematosus. Miller MH, et al. **Q J Med** 1984 Summer;53(211):401-9

Systemic lupus erythematosus and infection: a controlled and prospective study including an epidemiological group. Nived O, et al. **Q J Med** 1985 Jun;55(218):271-87

Pulmonary involvement in systemic lupus erythematosus. Meyers OL. **Scand J Rheumatol [Suppl]** 1984;54:19-23

Severe, acute pulmonary disease in patients with systemic lupus erythematosus: ten years of experience at the National Institutes of Health. Carette S, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):52-9

Widespread osteonecrosis of the foot in systemic lupus erythematosus: radiographic and gross pathologic correlation. Resnick D, et al. **Skeletal Radiol** 1985; 13(1):33-8

Multiple transient ischemic attacks, lupus anticoagulant and verrucous endocarditis. D'Alton JG, et al. **Stroke** 1985 May-Jun;16(3):512-4

[Analysis of 51 cases of fatal systemic lupus erythematosus] Jin A. **Chung Hua Nei Ko Tsa Chih** 1984 Jul;23(7):430-2, 463 (Eng. Abstr.) **(Chi)**

[Aseptic bone necrosis in systemic lupus erythematosus. Relationship to glucocorticoid therapy] Hansen EB, et al. **Ugeskr Laeger** 1985 Jun 17;147(25):2003-5 (Eng. Abstr.) **(Dan)**

[Association of lymphoepithelial thymoma and systemic lupus erythematosus (letter)] Haas C, et al. **Ann Med Interne (Paris)** 1985;136(1):77-8 **(Fre)**

[Recurrent abortions and circulating anticoagulant. Relation to lupic disease: 6 cases] Mathieu A, et al. **Ann Med Interne (Paris)** 1984;135(7):502-6 (Eng. Abstr.) **(Fre)**

[Pure hypertensive nephropathy associated with malignant arterial hypertension in disseminated lupus erythematosus. Case with a favorable outcome] Jouquan J, et al. **J Mal Vasc** 1985;10(1):47-50 (Eng. Abstr.) **(Fre)**

[Monoclonal gammopathy in systemic lupus erythematosus (letter)] Doutre MS, et al. **Presse Med** 1984 Dec 15; 13(45):2768 **(Fre)**

[Systemic lupus erythematosus, Basedow's disease, monoclonal gammapathy and amyloidosis in the same patient (letter)] Ducret F, et al. **Presse Med** 1985 May 11; 14(19):1100 **(Fre)**

[Pasteurella multocida septicemia disclosing acute disseminated erythematosus lupus] Bertrand G, et al. **Rev Med Interne** 1984 Nov;5(4):354-5 **(Fre)**

[Retinal vasculitis in lupic disease] Brissaud P, et al. **Rev Med Interne** 1985 Jan;6(1):36-40 (Eng. Abstr.) **(Fre)**

[Brain stem infarction, systemic lupus erythematosus and circulating lupus anticoagulant] Destée A, et al. **Rev Neurol (Paris)** 1985;141(3):236-9 (Eng. Abstr.) **(Fre)**

[Multiple sclerosis and lupus] Devos P, et al. **Rev Neurol (Paris)** 1984;140(8-9):513-5 (Eng. Abstr.) **(Fre)**

[Consumption hypocomplementemia. Significance in human pathology] Ayed K, et al. **Tunis Med** 1983 Mar-Apr; 61(2):89-91 (Eng. Abstr.) **(Fre)**

[Lupoid nephrotic syndrome. Apropos of 2 cases] Triki A, et al. **Tunis Med** 1983 Nov-Dec;61(6):405-8 (Eng. Abstr.) **(Fre)**

[Transient, direction changing spontaneous and provocation nystagmus in the course of visceral lupus erythematosus] Minnigerode B, et al. **Klin Wochenschr** 1985 Mar 1; 63(5):230-2 (Eng. Abstr.) **(Ger)**

[Monozygotic twins with Klinefelter syndrome (concordant) and systemic lupus erythematodes (discordant)] Schlegelberger B, et al. **Klin Wochenschr** 1984 Oct 1; 62(19):906-10 (Eng. Abstr.) **(Ger)**

[Nervous system lupus erythematosus] Gur H, et al. **Harefuah** 1984 Jul;107(1-2):23-7 **(Heb)**

[Reversible end-stage renal failure in systemic lupus erythematosus] Schurr D, et al. **Harefuah** 1984 Nov 15; 107(10):281-2 (Eng. Abstr.) **(Heb)**

[Ascites as a presenting sign of active systemic lupus erythematosus] Tubi E, et al. **Harefuah** 1984 Aug; 107(3-4):68-70 (Eng. Abstr.) **(Heb)**

[Agranulocytosis as a presenting sign of systemic lupus erythematosus] Wysenbeek AJ, et al. **Harefuah** 1984 Aug; 107(3-4):67-8 (Eng. Abstr.) **(Heb)**

[Glomerulonephritis associated with hepatitis B virus infection in adult patients: clinical and morphological comparison with lupus nephritis] Miyata J, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1079-89 (Eng. Abstr.) **(Jpn)**

[The relationship between murine lupus nephritis and thymic abnormalities] Tanaka H, et al. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1069-77 (Eng. Abstr.) **(Jpn)**

[An anti-T3 autoantibody in a case of chronic thyroiditis associated with Sjögren syndrome and systemic lupus erythematosus] Ando K, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1680-5 **(Jpn)**

[A case of systemic lupus erythematosus associated with acquired von Willebrand's syndrome and circulating anticoagulant] Maeda T, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):680-5 **(Jpn)**

[A case report of Budd-Chiari syndrome associated with SLE] Nakamura T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):2057-60 **(Jpn)**

[A case of systemic lupus erythematosus associated with spontaneous bilateral epidural hematomas] Ishige N, et al. **No Shinkei Geka** 1985 Mar;13(3):345-9 (Eng. Abstr.) **(Jpn)**

[A case of SLE, hypertrophic neuropathy, and uterine cancer] Yamamura T, et al. **Rinsho Shinkeigaku** 1984 Oct; 24(10):993-1000 (Eng. Abstr.) **(Jpn)**

[A case of systemic lupus erythematosus with akinesia, muscle rigidity and neurogenic bladder] Nagaoka S, et al. **Ryumachi** 1984 Oct;24(5):382-8 (Eng. Abstr.) **(Jpn)**

[A case of systemic lupus erythematosus associated with thrombosis of the vena cava superior] Nakano M, et al. **Ryumachi** 1985 Feb;25(1):30-7 (Eng. Abstr.) **(Jpn)**

[Basal ganglia calcification in two children with systemic lupus erythematosus and neuropsychiatric manifestations] Yokota S, et al. **Ryumachi** 1985 Apr;25(2):115-22 (Eng. Abstr.) **(Jpn)**

[Cholelithiasis in a 17-year-old patient with lupus nephropathy] Kobierska-Szczepańska A, et al. **Wiad Lek** 1984 Jun 15;37(12):944-7 (Eng. Abstr.) **(Pol)**

[Visceral lupus erythematosus with fulminant course complicated by massive gastrointestinal hemorrhage] Macner M, et al. **Wiad Lek** 1985 Jan 15;38(2):131-3 (Eng. Abstr.) **(Pol)**

[Bullous eruption in systemic lupus erythematosus] Wanke NC, et al. **Med Cutan Iber Lat Am** 1984;12(3):209-13 (Eng. Abstr.) **(Por)**

[Dermatitis herpetiformis and systemic lupus erythematosus] Zaitz C, et al. **Med Cutan Ibero Lat Am** 1984;12(4):311-7 (Eng. Abstr.) **(Por)**

[Diffuse connective tissue diseases and malignant tumors] Nasonova VA, et al. **Klin Med (Mosk)** 1985 Feb;63(2):33-42 (Eng. Abstr.) **(Rus)**

[Case of 'steroid' tuberculosis in a patient with systemic lupus erythematosus, simulating metastatic tumor] Marga OIa, et al. **Probl Tuberk** 1984 Dec;(12):65-6 **(Rus)**

[Myasthenia gravis associated with systemic lupus erythematosus] Pribylova NN, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):54-5 **(Rus)**

[Correlation between immunopathologic renal lesions and circulating immune complexes in generalized lupus erythematosus in children] Vázquez-Escobosa C, et al. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):363-8 (Eng. Abstr.) **(Spa)**

[Autoimmune thyroid disease and lupus erythematosus (letter)] Anglada J, et al. **Med Clin (Barc)** 1984 Nov 24; 83(17):736 **(Spa)**

[Cryoglobulinemia: various considerations on its study and evaluation (letter)] Cárcaba V, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):502-3 **(Spa)**

[Veno-occlusive disease associated with disseminated lupus erythematosus. Description of a case] Carrillo Estévez M, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):152-4 **(Spa)**

[Calcification of soft tissue in systemic lupus erythematosus] González Fernández A, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):457-9 (Eng. Abstr.) **(Spa)**

[Annular erythema in systemic lupus erythematosus] Grandin LA, et al. **Medicina (B Aires)** 1984;44(1):75-8 (Eng. Abstr.) **(Spa)**

[Neurological manifestations in systemic lupus erythematosus. Analysis of 22 patients] Morillas López L, et al. **Rev Clin Esp** 1985 Jan;176(1):26-31 (97 ref.) (Eng. Abstr.) **(Spa)**

[Transverse myelitis at the onset of systemic lupus erythematosus (letter)] Torrijos Eslava A, et al. **Rev Clin Esp** 1985 Feb;176(3):155-6 **(Spa)**

[Generalized lupus erythematosus. Hormonal studies in patients with secondary amenorrhea] Martínez-Cordero E, et al. **Rev Invest Clin** 1985 Apr-Jun;37(2):113-8 (Eng. Abstr.) **(Spa)**

CONGENITAL

Neonatal lupus erythematosus occurring in one fraternal twin. Serologic and immunogenetic studies. Callen JP, et al. **Arthritis Rheum** 1985 Mar;28(3):271-5

[Neonatal lupus erythematosus] Prigent F, et al. **Ann Dermatol Venereol** 1984;111(8):749-50 **(Fre)**

DIAGNOSIS

MR imaging of systemic lupus erythematosus involving the brain. Aisen AM, et al. **AJR** 1985 May;144(5):1027-31

Scintillating scotoma as the first symptom of systemic lupus erythematosus. Honda Y. **Am J Ophthalmol** 1985 May 15; 99(5):607

The diagnostic value of antihistone antibodies in drug-induced lupus erythematosus. Epstein A, et al. **Arthritis Rheum** 1985 Feb;28(2):158-62

A comparison of the specificity of the 1971 and 1982 American Rheumatism Association criteria for the classification of systemic lupus erythematosus. Passas CM, et al. **Arthritis Rheum** 1985 Jun;28(6):620-3

A new serological test for systemic lupus erythematosus among Nigerians. Okolie EE, et al. **Cent Afr J Med** 1984 Sep;30(9):176-9

Clinical profiles of patients with antibodies to nuclear ribonucleoprotein. Calderon J, et al. **Clin Rheumatol** 1984 Dec;3(4):483-92

Clinical diagnosis of systemic lupus erythematosus. D'Amelio R. **Contrib Nephrol** 1985;45:181-4

The relative value of antibody assays in the differential diagnosis of systemic lupus erythematosus and rheumatoid arthritis with special emphasis to ultramicro ELISA for anti-ds DNA. Wollina U. **Dermatol Monatsschr** 1984; 170(10):645-7

Chorea and systemic lupus erythematosus. A critical review. Bruyn GW, et al. **Eur Neurol** 1984;23(6):435-48

Myelopathy as the main presenting feature of systemic lupus erythematosus. Al-Husaini A, et al. **Eur Neurol** 1985; 24(2):94-106

The immunologic diagnosis of chronic active 'autoimmune' hepatitis: distinction from systemic lupus erythematosus. Gurian LE, et al. **Hepatology** 1985 May-Jun;5(3):397-402

Antinuclear antibodies (ANA). How useful is the ANA test today? Burnham TK. **Int J Dermatol** 1985 Jan-Feb; 24(1):41-4 (20 ref.)

Reevaluation of specificity of Crithidia luciliae kinetoplast as a substrate for detecting antibodies to double-stranded deoxyribonucleic acid. Steinmetz SE, et al. **J Am Acad Dermatol** 1984 Sep;11(3):490-3

The lupus band test: a re-evaluation. Weigand DA. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):230-4

[The lupus band test and its clinical significance] Yu MX, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):102-4, 127 (Eng. Abstr.) **(Chi)**

[Theoretical objective evaluation of the value of a diagnostic criterion. Application to antinuclear antibodies for the diagnosis of systemic lupus erythematosus] Vinceneux P, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):493-6 (Eng. Abstr.) **(Fre)**

[Histone antibodies: significance in the diagnosis of SLE in comparison to dsDNA antibodies and antibodies to extractable nuclear antigens] Krippner H, et al. **Immun Infekt** 1985 Feb;13(1):29-30 (Eng. Abstr.) **(Ger)**

[Cluster analysis of 109 patients with systemic lupus erythematosus] Bokemeyer B, et al. **Klin Wochenschr** 1985 Jan 15;63(2):79-83 (Eng. Abstr.) **(Ger)**

[Significance of selected immunological parameters in the diagnosis and follow-up of systemic lupus erythematosus] Wollina U, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):697-700 (Eng. Abstr.) **(Ger)**

[Determination of anti-DNA antibody levels using an anti-DNA kit and its clinical significance] Yamauchi Y, et al. **Nippon Rinsho** 1984 Aug;42(8):1930-41 **(Jpn)**

[Diagnostic difficulties in a case of visceral lupus with disseminated neurological signs] Hoppe B, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):489-91 (Eng. Abstr.) **(Pol)**

[Lupus erythematosus disseminatus. (Apropos of a review of 49 cases)] Dutschmann L, et al. **Acta Med Port** 1984 Sep-Oct;5(9-10):263-70 (Eng. Abstr.) **(Por)**

[Current criteria in the biological diagnosis of lupus diseases] Geavlete A, et al. **Rev Med Interna [Med Interna]** 1984 May-Jun;36(3):205-11 (14 ref.) **(Rum)**

[Characteristics of the course of systemic lupus erythematosus in middle-aged and elderly patients] Balaban SIa, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):30-2 (Eng. Abstr.) **(Rus)**

[Vesicular eruptions in systemic lupus erythematosus] Golousenko IIu, et al. **Vestn Dermatol Venerol** 1985 Mar; (3):58-9 (Eng. Abstr.) **(Rus)**

[New criteria for the diagnosis of systemic lupus erythematosus] Font J, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):109-11 **(Spa)**

[Lupus erythematosus disseminatus in childhood. Clinical study and survival in 31 cases] González B, et al. **Rev Chil Pediatr** 1984 Jul-Aug;55(4):238-44 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Fever on drug-free day of alternate-day steroid therapy [letter] Jacobs JC. **Am J Med** 1984 Nov;77(5):A89, A92

Successful treatment of generalized discoid skin lesions with azathioprine. Its use in a patient with systemic lupus erythematosus. Tsokos GC, et al. **Arch Dermatol** 1985 Oct; 121(10):1323-5

Pulse therapy for SLE [editorial] Plotz PH. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):283

Monthly intravenous cyclophosphamide in the treatment of severe systemic lupus erythematosus. Sessoms SL, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):247-51

Azathioprine. Huskisson EC. **Clin Rheum Dis** 1984 Aug; 10(2):325-32

Azathioprine in the treatment of systemic lupus erythematosus. A three-year prospective study. Swaak AJ, et al. **Clin Rheumatol** 1984 Sep;3(3):285-91

Chemotherapy of lupus nephropathy. Donadio JV.

Contrib Nephrol 1985;45:200-2

Prednisolone pulse therapy for childhood systemic lupus erythematosus with prominent dermatomyositis. A case report. Wollina U, et al. **Dermatologica** 1985;171(1):45-8

Effect of FUT-175, a new synthetic protease inhibitor, on the development of lupus nephritis in (NZB x NZW) F1 mice. Ikehara S, et al. **Immunology** 1985 Aug;55(4):595-600

Effects of nandrolone decanoate in NZB/W mice treated concomitantly with maintenance doses of dexamethasone sodium phosphate. Verheul HA, et al. **Int J Immunopharmacol** 1985;7(2):249-54

Ancrod: normalization of fibrinolytic enzyme abnormalities in patients with systemic lupus erythematosus and lupus nephritis. Glas-Greenwalt P, et al. **J Lab Clin Med** 1985 Jan;105(1):99-107

Lupus nephritis with thrombosis and abnormal fibrinolysis: effect of ancrod. Kant KS, et al. **J Lab Clin Med** 1985 Jan;105(1):77-88

Lupus nephritis: more answers needed [editorial] Wang F. **J R Soc Med** 1985 Aug;78(8):616-7

Persistent immunoglobulin deficiency after prednisolone and antiepileptic therapy in a C2 deficient patient with lupus-like syndrome. Woo P, et al. **J Rheumatol** 1984 Dec;11(6):828-31

Indoprofen-induced aplastic anaemia in systemic lupus, diagnosed by lymphocyte transformation tests [letter] Saal JG, et al. **Lancet** 1985 Jun 22;1(8443):1450-1

Immunosuppressive drugs plus prednisone versus prednisone alone in lupus nephritis [letter] **N Engl J Med** 1985 Apr 4;312(14):921-2

Reye syndrome associated with aspirin therapy for systemic lupus erythematosus. Hansen JR, et al. **Pediatrics** 1985 Aug;76(2):202-5

High dose intravenous corticosteroid therapy of systemic lupus erythematosus and primary cresenteric rapidly progressive glomerulonephritis. Proceedings of a symposium. Helsinki, September 16th, 1983. **Scand J Rheumatol [Suppl]** 1984;54:1-33

Intravenous methylprednisolone in the treatment of systemic lupus erythematosus. Mackworth-Young CG, et al. **Scand J Rheumatol [Suppl]** 1984;54:16-8

[Treatment of diffuse glomerulonephritis in systemic lupus erythematosus with a combination of anticoagulants, corticosteroids and immunosuppressors] Belovezhdov N. **Vutr Boles** 1985;24(1):40-9 (Eng. Abstr.) **(Bul)**

[Treatment of 5 cases of severe systemic lupus erythematosus with combined traditional Chinese medicine and western medicine] Lu JJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):430-2 **(Chi)**

[Preliminary observation on methyl-prednisolone in the treatment of SLE] Dong Y, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct;6(5):363-5 (Eng. Abstr.) **(Chi)**

[Treatment of chronic lupus erythematosus with dapsone (letter)] Nguyen-Van-Ut. **Ann Dermatol Venereol** 1984;111(12):1125 **(Fre)**

[Increase in transaminases during treatment with danazol in lupus patients] Vincens M, et al. **Therapie** 1984 Sep-Oct;39(5):541-4 (Eng. Abstr.) **(Fre)**

[Toxic methemoglobinemia following the postoperative ingestion of 4,4-diaminodiphenylsulfone (DADPS)--on the differential diagnosis of cyanosis] Frucht U, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):22-4 (Eng. Abstr.) **(Ger)**

[Preliminary findings on suprapharmacologic steroid therapy in autoimmune diseases] Sönnichsen N, et al. **Dermatol Monatsschr** 1984;170(9):568-72 (Eng. Abstr.) **(Ger)**

[Clinical features and long-term immunosuppressant therapy of the SLE patients with nephrotic syndrome] Hashimoto H, et al. **Nippon Naika Gakkai Zasshi** 1984 May;73(5):606-13 **(Jpn)**

[Immuno-pharmacologic study of the effects of traxanox in lupus nephritis in MRL/l mice] Abe S, et al. **Nippon Rinsho** 1985 Jan;43(1):192-6 **(Jpn)**

[Efficacy and problems of the pulse therapy and alternate-day schedule] Miyawaki S, et al. **Nippon Rinsho** 1984 Nov;42(11):2509-15 (32 ref.) **(Jpn)**

[Risk factors in the development of steroid-induced hypertension in patients with nephritis] Kutyrina IM, et al. **Klin Med (Mosk)** 1985 Jun;63(6):44-8 **(Rus)**

[Lupus nephritis: treatment with intravenous pulses of methylprednisolone and cyclophosphamide (letter)] Giganti J, et al. **Medicina (B Aires)** 1984;44(2):219-20 **(Spa)**

ECONOMICS

Diagnosis-related group regulations. Implications for the practicing rheumatologist. Weinberger M, et al. **Arthritis Rheum** 1985 Feb;28(2):204-9

ENZYMOLOGY

Serum collagenase-like peptidase activity in rheumatoid arthritis and systemic lupus erythematosus. Iwase-Okada K, et al. **Clin Chim Acta** 1985 Feb 28;146(1):75-9

Serum isoamylases in patients with autoimmune rheumatic diseases. Tsianos EB, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):235-8

Monocyte procoagulant activity in glomerulonephritis associated with systemic lupus erythematosus. Cole EH, et al. **J Clin Invest** 1985 Mar;75(3):861-8

Studies on the activity of selected lysosomal exoglycosidases in patients with systemic lupus erythematosus. Olczyk K, et al. **Med Interne** 1984 Jul-Sep;22(3):221-5

[Arylsulfatase of peripheral blood leukocytes in patients with selected proliferative diseases of the hematopoietic system, malignant neoplasms in other organs and lupus erythematosus] Hrycek A, et al. **Pol Arch Med Wewn** 1984 Dec;72(6):299-303 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Systemic lupus erythematosus and reproductive function: a case-control study. Grimes DA, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):179-86

Effects of L-canavanine on T cells may explain the induction of systemic lupus erythematosus by alfalfa. Alcocer-Varela J, et al. **Arthritis Rheum** 1985 Jan;28(1):52-7

Systemic lupus erythematosus and Down's syndrome [letter] Franklin CM, et al. **Arthritis Rheum** 1985 May;28(5):598-9

Idiopathic thrombocytopenic purpura with high-titer, speckled pattern antinuclear antibodies: possible marker for systemic lupus erythematosus [letter] Perez HD, et al. **Arthritis Rheum** 1985 May;28(5):596-7

Immunopathogenesis of systemic lupus erythematosus. Miescher PA, et al. **Contrib Nephrol** 1984;43:1-8 (20 ref.)

Current understanding of systemic lupus erythematosus. Hughes GR. **Inflammation** 1984 Jun;8 Suppl:S75-9

Binding of a monoclonal anti-DNA autoantibody to identical protein(s) present at the surface of several human cell types involved in lupus pathogenesis. Jacob L, et al. **J Clin Invest** 1985 Jan;75(1):315-7

Induction of severe autoimmune disease in normal mice by simultaneous action of multiple immunostimulators. Hang LM, et al. **J Exp Med** 1985 Feb 1;161(2):423-8

Sunlight-induced pathogenesis in systemic lupus erythematosus [editorial] Zamansky GB. **J Invest Dermatol** 1985 Sep;85(3):179-80

Photo-induction of lesions in a patient with pemphigus erythematosus. Deschamps P, et al. **Photodermatol** 1984 Feb;1(1):38-41

Lupus nephritis in males and females. Tareyeva IE, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985;21:712-6

Systemic lupus erythematosus in a black man [letter] Joshua N, et al. **S Afr Med J** 1984 Dec 15;66(24):906

[Systemic lupus after breast prosthesis] Guillaume JC, et al. **Ann Dermatol Venereol** 1984;111(8):703-4 **(Fre)**

[Antibodies against deoxyribonucleic acid and its protein complex--their formation and clinical significance] Lange A. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):681-91 (47 ref.) (Eng. Abstr.) **(Pol)**

[Systemic lupus erythematosus: disease or syndrome?] Font J, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):657-9 **(Spa)**

[Systemic lupus erythematosus 5 years after thymectomy for myasthenia gravis (letter)] Ortega González G, et al. **Med Clin (Barc)** 1985 May 18;84(19):800-1 **(Spa)**

FAMILIAL & GENETIC

Recent advances on the mechanisms and genetic aspects of lupus erythematosus. Steinberg AD. **Adv Nephrol** 1985;14:305-32 (110 ref.)

Evidence against HLA and immunological dependence of disease outbreak in SLE. Immunological characterisation of identical twins clinically discordant for SLE. Soppi E, et al. **Ann Rheum Dis** 1985 Jan;44(1):45-9

Detection of cross-reactive anti-DNA antibody idiotypes in the serum of systemic lupus erythematosus patients and of their relatives. Isenberg DA, et al. **Arthritis Rheum** 1985 Sep;28(9):999-1007

Gm allotypes in white patients with systemic lupus erythematosus. Schur PH, et al. **Arthritis Rheum** 1985 Jul;28(7):828-30

Studies on the role of the lpr gene in the development of immunological abnormalities and lupus nephritis. Analyses in F2 mice. Fujiwara M, et al. **Clin Exp Immunol** 1985 Jan;59(1):161-8

Genetic studies on the skin lupus band test in New Zealand mice. Furukawa F, et al. **Clin Exp Immunol** 1985 Jan;59(1):146-52

Family distribution of anti-F(ab')2 antibodies in relatives of patients with systemic lupus erythematosus. Silvestris F, et al. **Clin Exp Immunol** 1985 May;60(2):329-38

Family studies of erythrocyte complement receptor type 1 levels: reduced levels in patients with SLE are acquired, not inherited. Walport MJ, et al. **Clin Exp Immunol** 1985 Mar;59(3):547-54

Identical twins discordant for S.L.E. Fitzgerald A, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):73-4

Null alleles of the fourth component of complement and HLA haplotypes in familial systemic lupus erythematosus. Reveille JD, et al. **Immunogenetics** 1985;21(4):299-311

Neonatal lupus erythematosus, multiple thromboses, and monoarthritis in a family with Ro antibody. Lin RY, et al. **J Am Acad Dermatol** 1985 Jun;12(6):1022-5

Familial systemic lupus erythematosus. Presence of a cross-reactive idiotype in healthy family members. Halpern R, et al. **J Clin Invest** 1985 Aug;76(2):731-6

Lupus prone (SWR x NZB)F1 mice produce potentially nephritogenic autoantibodies inherited from the normal SWR parent. Gavalchin J, et al. **J Immunol** 1985 Feb;134(2):885-94

Potential Z-DNA-forming elements in serum DNA from human systemic lupus erythematosus. Van Helden PD. **J Immunol** 1985 Jan;134(1):177-9

The onset of disease in twins and siblings with systemic lupus erythematosus. Kaplan D. **J Rheumatol** 1984 Oct;11(5):648-52

Association of HLA-DR7 with both antibody to SSA(Ro) and disease susceptibility in blacks with systemic lupus erythematosus. Wilson WA, et al. **J Rheumatol** 1984 Oct;11(5):653-7

Systemic lupus erythematosus: current state of the genetic hypothesis. Arnett FC, et al. **Semin Arthritis Rheum** 1984 Aug;14(1):24-35 (81 ref.)

[Familial autoimmune association: neonatal lupus and herpes gestationis] Enjolras O, et al. **Ann Dermatol Venereol** 1984;111(8):693-4 **(Fre)**

[Presidential lecture: detrimental equivalents in man, with special reference to prospective views on change in prevalence of SLE, a multifactorial disease in the next generation] Yanase Y. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1285-97 (61 ref.) **(Jpn)**

[Therapy of systemic lupus erythematosus--studies using disease models. 1. The effect of MHC on lupus nephritis in (NZB x NZW)F1--a therapeutic suggestion] Sato H, et al. **Nippon Rinsho** 1984 Dec;42(12):2791-5 **(Jpn)**

[Monozygotic twins with SLE raised in different environments] Uchida K, et al. **Ryumachi** 1984 Aug;24(4):263-71 (Eng. Abstr.) **(Jpn)**

[Chromosome aberrations in F1 (NZBxNZW) mice--an experimental model of systemic lupus erythematosus] Skazkina Ola, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):458-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Serum IgE level in systemic lupus erythematosus. Mikecz K, et al. **Acta Med Hung** 1985;42(1-2):59-65

Anti-DNA antibodies: the choice of assays for routine diagnostic work. Sarvas H, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb;93(1):13-8

Cleavage of C2 in pathological serum and plasma studied by crossed immunoelectrophoresis. Sjöholm AG, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct;92(5):265-9

Membranous glomerulopathy in systemic lupus erythematosus. Gonzalez-Dettoni H, et al. **Adv Nephrol** 1985;14:347-64 (50 ref.)

Atypical lupus with special reference to ANA negative lupus and lupus subsets. Hughes GR, et al. **Adv Nephrol** 1985;14:333-46 (55 ref.)

Anti-dsDNA antibodies in sera of patients without systemic lupus erythematosus. Wollina U. **Allerg Immunol (Leipz)** 1984;30(4):222-4

Complement-activating antineutrophil antibody in systemic lupus erythematosus. Rustagi PK, et al. **Am J Med** 1985 Jun;78(6 Pt 1):971-7

Congenital complete heart block and SSA antibodies: obstetric implications. Singsen BH, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):655-8

Impaired IL2 production by lymphocytes of patients with systemic lupus erythematosus. de Faucal P, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):161-72

Fluorescent antinuclear antibodies and anti-SS-A/Ro in patients with immune thrombocytopenia subsequently developing systemic lupus erythematosus. Anderson MJ, et al. **Ann Intern Med** 1985 Oct;103(4):548-50

Evaluation of an ELISA system for determination of class-specific antibodies to native and denatured DNA in man. Halliday GM, et al. **Ann Rheum Dis** 1985 Aug;44(8):507-13

Effects of immune complexes from SLE patients on human monocyte locomotion and Fc receptor function. Lukács K, et al. **Ann Rheum Dis** 1984 Oct;43(5):729-33

Detection of anti-dsDNA as a diagnostic tool [letter] McHardy KC, et al. **Ann Rheum Dis** 1985 Aug;44(8):573-4

Reduced opsonisation of protein A containing Staphylococcus aureus in sera with cryoglobulins from patients with active systemic lupus erythematosus. Nived O, et al. **Ann Rheum Dis** 1985 Apr;44(4):252-9

Detection of anti-dsDNA as a diagnostic tool: a prospective study in 441 non-systemic lupus erythematosus patients with anti-dsDNA antibody (anti-dsDNA). Swaak T, et al. **Ann Rheum Dis** 1985 Apr;44(4):245-51

Pathogenesis of lupus dermatoses in autoimmune mice. IV. Association between cutaneous immunoglobulin deposition and anti-single-stranded DNA antibodies in sera. Furukawa F, et al. **Arch Dermatol Res** 1985;277(2):79-83

Effects of single-stranded DNA on circulating immune complexes in SLE sera detected by C1q solid-phase assay. Furukawa F, et al. **Arch Dermatol Res** 1985;277(1):71-4

On the nature of dextran sulphate binding of antibodies to DNA in sera from patients with systemic lupus erythematosus (SLE). Wollina U. **Arch Dermatol Res** 1985;277(2):146

The lupus anticoagulant. A disease marker in antinuclear antibody negative lupus that is cross-reactive with autoantibodies to double-stranded DNA. Colaco CB, et al. **Arthritis Rheum** 1985 Jan;28(1):67-74

Systemic lupus erythematosus and common variable panhypogammaglobulinemia: a patient with absence of circulating B cells. Goldstein R, et al. **Arthritis Rheum** 1985 Jan;28(1):100-3

Comment on Isenberg article (Multiple serologic reactions and their relationship to clinical activity in systemic lupus erythematosus) [letter] Harris EN, et al. **Arthritis Rheum** 1984 Nov;27(11):1318

Antineuronal antibodies in neuropsychiatric systemic lupus erythematosus. How A, et al. **Arthritis Rheum** 1985 Jul; 28(7):789-95

Antibodies to human T cell leukemia virus are absent in patients with systemic lupus erythematosus. Koike T, et al. **Arthritis Rheum** 1985 May;28(5):481-4

Spontaneous in vitro production of anti-DNA and anti-RNA by systemic lupus erythematosus and normal peripheral blood mononuclear cells. Liebling MR, et al. **Arthritis Rheum** 1985 Apr;28(4):431-40

Lupus pregnancy. II. Unusual pattern of hypocomplementemia and thrombocytopenia in the pregnant patient. Lockshin MD, et al. **Arthritis Rheum** 1985 Jan;28(1):58-66

A longitudinal study of high and low avidity antibodies to double-stranded DNA in systemic lupus erythematosus. McGrath H Jr, et al. **Arthritis Rheum** 1985 Apr; 28(4):425-30

Congenital heart block, systemic lupus erythematosus, and anti-Ro antibodies [letter] Parke A, et al. **Arthritis Rheum** 1985 Sep;28(9):1077-8

No demonstrable relationship between IgM and IgG antinuclear antibody levels and acetylator phenotype in patients with systemic lupus erythematosus. Portanova JP, et al. **Arthritis Rheum** 1985 Sep;28(9):995-8

Impaired B cell proliferation by Staphylococcus aureus Cowan I in patients with systemic lupus erythematosus. Sawada S, et al. **Arthritis Rheum** 1985 Sep;28(9):1008-15

Relationship between circulating interferon and anti-interferon antibodies and impaired natural killer cell activity in systemic lupus erythematosus. Sibbitt WL Jr, et al. **Arthritis Rheum** 1985 Jun;28(6):624-9

Impaired release of a soluble natural killer cytotoxic factor in systemic lupus erythematosus. Sibbitt WL Jr, et al. **Arthritis Rheum** 1984 Oct;27(10):1095-100

Studies of anti-F(ab')2 antibodies and possible immunologic control mechanisms in systemic lupus erythematosus. Silvestris F, et al. **Arthritis Rheum** 1984 Dec;27(12):1387-96

Characterization of a new antigen-antibody system (Su) in patients with systemic lupus erythematosus. Treadwell EL, et al. **Arthritis Rheum** 1984 Nov;27(11):1263-71

Altered expression of complement receptors as a pathogenetic factor in systemic lupus erythematosus. Wilson JG, et al. **Arthritis Rheum** 1984 Dec;27(12):1321-8

Subset specificity of antilymphocyte antibodies in systemic lupus erythematosus. Preferential reactivity with cells bearing the T4 and autologous erythrocyte receptor phenotypes. Yamada A, et al. **Arthritis Rheum** 1985 Mar; 28(3):262-70

Surface antigen specificity of cold-reactive IgM antilymphocyte antibodies in systemic lupus erythematosus. Yamada A, et al. **Arthritis Rheum** 1985 Jan;28(1):44-51

Demonstration of anti-asialo GM1 antibody and its neurocytotoxicity in the sera of systemic lupus erythematosus patients. Hoshino C, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):195-201

Pure nucleolar pattern of antinuclear factor in systemic lupus erythematosus (SLE). Vithayasai P, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):149-51

Epidermal nuclear immunofluorescence: serological correlations supporting an in vivo reaction. Chen ZY, et al. **Br J Dermatol** 1985 Jan;112(1):15-22

Immunologic studies on systemic lupus erythematosus. Shi SY, et al. **Chin Med J [Engl]** 1985 May;98(5):336-42

Clinical significance of anti-nDNA antibodies in ANA-positive systemic lupus erythematosus: comparison of the Farr radioimmunoassay and the Crithidia luciliae immunofluorescent technique. Chuan MT, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):15-24

Autoantibodies in systemic lupus erythematosus of late onset. Wysenbeek AJ, et al. **Cleve Clin Q** 1985 Summer; 52(2):119-22

The Prosser-White oration 1983. Connective tissue disease and the skin. Hughes GR. **Clin Exp Dermatol** 1984 Nov; 9(6):535-44

HLA-Dr+ T cells of the Leu 3 (helper) type infiltrate the kidneys of patients with systemic lupus erythematosus. Caligaris-Cappio F, et al. **Clin Exp Immunol** 1985 Jan; 59(1):185-9

Anti-phospholipid antibodies in syphilis and a thrombotic subset of SLE: distinct profiles of epitope specificity. Colaço CB, et al. **Clin Exp Immunol** 1985 Feb;59(2):449-56

Quantitation of anti-RNP and anti-Sm antibodies in MCTD and SLE patients by immunoblotting. Habets WJ, et al. **Clin Exp Immunol** 1985 Feb;59(2):457-66

Specific allogeneic help by T lymphocytes from patients with systemic lupus erythematosus. Hari Kumar MK, et al. **Clin Exp Immunol** 1984 Oct;58(1):21-8

MRL/Mp-lpr/lpr mouse derived monoclonal antibodies that recognise determinants shared by poly (ADP-ribose), single stranded DNA and left handed Z-DNA. Kanai Y, et al. **Clin Exp Immunol** 1985 Jan;59(1):139-45

Naturally occurring antibodies to poly(ADP-ribose) in autoimmune MRL/Mp-lpr/lpr mice. Kanai Y, et al. **Clin Exp Immunol** 1985 Jan;59(1):132-8

Antibodies to histones of the IgG and IgM class in systemic lupus erythematosus. Krippner H, et al. **Clin Exp Immunol** 1984 Oct;58(1):49-56

New lymphokines produced by SLE sera stimulated lymphocytes: the PNAF (polymorphonuclear activating factors). Labro-Bryskier MT, et al. **Clin Exp Immunol** 1985 Feb;59(2):442-8

(T,G)-A-L specific immune response potential and HLA typing of Israeli patients with systemic lupus erythematosus. Shalev Y, et al. **Clin Exp Immunol** 1985 May;60(2):355-62

Cellular DNA content of T helper, T suppressor and B lymphocytes in SLE. Surányi P, et al. **Clin Exp Immunol** 1984 Oct;58(1):37-41

Solubilization of immune complex deposits by native 7S IgG molecules in lupus glomerulonephritis--a possible antigen excess effect on rheumatoid factor-IgG complexes. Suzuki Y, et al. **Clin Exp Immunol** 1984 Dec;58(3):663-71

The change in C3b receptors on erythrocytes from patients with systemic lupus erythematosus. Yoshida K, et al. **Clin Exp Immunol** 1985 Jun;60(3):613-21

Saturable, high-avidity monocyte receptors for monomeric IgG and Fc fragments increase in SLE and lyme disease. Hardin JA, et al. **Clin Exp Rheumatol** 1983 Oct-Dec; 1(4):327-32

Defective expression of OKT4 antigen on the cell surface of helper T lymphocytes in a patient with systemic lupus erythematosus. Ichikawa Y, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):299-305

Diminished peripheral blood monocyte DR antigen expression in systemic lupus erythematosus. Nagai H, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):131-7

Detection of anti-interferon antibodies in systemic lupus erythematosus. Suit BE, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):133-5

Cellular control of antinuclear antibody production. Anti-dsDNA and anti-Sm plaque forming cells in SLE patients and normal individuals. Weill BJ, et al. **Clin Exp Rheumatol** 1985 Jan-Mar;3(1):39-47

Immune deposits in normal skin of patients with systemic lupus erythematosus: relationship to the serum capacity to solubilize immune complexes. Gabrielli A, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):266-74

Ocular immune reactants in patients dying with systemic lupus erythematosus. Karpik AG, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):295-312

IgG antibodies to the histone complex H2A-H2B characterize procainamide-induced lupus. Rubin RL, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):49-59

Spontaneous production of antibodies to deoxyribonucleic acids in patients with systemic lupus erythematosus. Takeuchi T. **Clin Immunol Immunopathol** 1985 Apr; 35(1):47-56

Interleukin-2 restores the depressed allogeneic cell-mediated lympholysis and natural killer cell activity in patients with systemic lupus erythematosus. Tsokos GC, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):379-86

Complement activation by antibodies to DNA in systemic lupus erythematosus measured by enzyme immunoassay. Valle RR, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):345-54

Characterization of the spontaneous DNA-synthesizing and/or IgG-secreting cells in peripheral blood from patients with systemic lupus erythematosus. Yano K, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):57-66

The fine specificity of IgG antiguanosine antibodies in systemic lupus erythematosus. Yee WS, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):161-7

Hybridoma SLE autoantibodies: insights for the pathogenesis of autoimmune disease. Pisetsky DS. **Clin Immunol Rev** 1984;3(2):169-234 (127 ref.)

Cell-mediated immunity in lupus nephritis [letter] Matsumoto K, et al. **Clin Nephrol** 1984 Jul;22(1):53

Immunogenetics of systemic lupus erythematosus. Carbonara AO, et al. **Contrib Nephrol** 1985;45:157-74

The syndrome of thrombosis, abortion, and neurological disease. Hughes GR, et al. **Contrib Nephrol** 1984;43:9-11

Immunopathogenesis of lupus nephritis. Smith HR. **Contrib Nephrol** 1985;45:175-80

Alpha 1-fetoprotein--relation to impaired macrophage function in systemic lupus erythematosus? Wollina U. **Dermatol Monatsschr** 1984;170(11):703-4

Phagocytosis, bactericidal capacity, and PGE2 production of monocytes in systemic lupus erythematosus and rheumatoid arthritis. Cruchaud A, et al. **Diagn Immunol** 1984;2(4):203-12

Decreased levels of complement components C4 and C2 in lupus erythematosus: genetic defect or complement activation? [letter] Hauptmann G, et al. **Diagn Immunol** 1984;2(1):63-4

Statistical analysis of five immune complex screening assays: patterns of detection in patients with rheumatoid arthritis, systemic lupus erythematosus, infectious endocarditis, and diabetes mellitus. Kilpatrick JM, et al. **Diagn Immunol** 1983; 1(2):57-63

A central anti-DNA idiotype in human and murine systemic lupus erythematosus. Eilat D, et al. **Eur J Immunol** 1985 Apr;15(4):368-75

Abnormalities in autologous mixed lymphocyte reaction-activated immunologic processes in systemic lupus erythematosus and their possible correction by interleukin 2. Takada S, et al. **Eur J Immunol** 1985 Mar;15(3):262-7

Serum of normal subjects contains IgG with antibody-like specificity for phospholipids. Pengo V, et al. **Folia Haematol (Leipz)** 1984;111(5):681-5

Influence of fusion cell ratio and cell plating density on production of human-human hybridomas secreting anti-DNA autoantibodies from patients with systemic lupus erythematosus. Massicotte H, et al. **Hybridoma** 1984 Fall; 3(3):215-22

Analysis of serum binding to DNA and other ligands in systemic lupus erythematosus. Barnes RM, et al. **Immunol Lett** 1985;10(2):99-102

Subset specificity of lupus antilymphocyte antibodies studied by two-colour microfluorimetry. Surányi P, et al. **Immunol Lett** 1985;10(2):91-3

Specificity & cross reactivity of anti-RNA antibodies reactive with mammalian RNA in systemic lupus erythematosus. Kumar A, et al. **Indian J Med Res** 1985 Apr;81:395-401

Sensitivity of assay techniques for the detection of low avidity anti-RNA antibodies in rheumatic diseases. Kumar A, et al. **Indian J Med Res** 1984 Sep;80:327-31

Clinical and immunological characterization of systemic lupus erythematosus in patients with circulating interferon and migration inhibitory factor. Rovenský J, et al. **Int J Clin Pharmacol Res** 1984;4(6):465-8

Thymulin (FTS-Zn) induced in vitro modulation of T cell subsets markers on lymphocytes from rheumatoid arthritis and systemic lupus erythematosus patients. Faure G, et al. **Int J Immunopharmacol** 1984;6(4):381-8

Determination of circulating immune complexes, C3 and C4 complement components and anti-DNA antibody in different classes of lupus nephritis. Klein MH, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):75-82

Evaluation of methods for detection of anticentromere antibodies and other antinuclear antibodies. Beutner EH, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):289-95

A bandlike pattern resembling systemic lupus erythematosus immunofluorescence in a case of relapsing polychondritis [letter] Brenner S, et al. **J Am Acad Dermatol** 1984 Dec; 11(6):1161-3

Phosphorylation of RNA polymerase I augments its interaction with autoantibodies of systemic lupus erythematosus patients. Stetler DA, et al. **J Biol Chem** 1984 Nov 25;259(22):13629-32

Homology of the NH2-terminal amino acid sequences of the heavy and light chains of human monoclonal lupus autoantibodies containing the dominant 16/6 idiotype. Atkinson PM, et al. **J Clin Invest** 1985 Apr;75(4):1138-43

Enhancement of the impaired autologous mixed leukocyte reaction in patients with systemic lupus erythematosus. Crow MK. **J Clin Invest** 1985 Aug;76(2):807-15

Subclass restriction and polyclonality of the systemic lupus erythematosus marker antibody anti-Sm. Eisenberg RA, et al. **J Clin Invest** 1985 Apr;75(4):1270-7

Detection of cross-reactive anti-DNA antibody idiotypes on renal tissue-bound immunoglobulins from lupus patients. Isenberg DA, et al. **J Clin Invest** 1985 Jul;76(1):287-94

Correction of interleukin-2 production in patients with systemic lupus erythematosus by removal of spontaneously activated suppressor cells. Linker-Israeli M, et al. **J Clin Invest** 1985 Feb;75(2):762-8

Autoimmune sera reactive with Sm antigen contain high levels of RNP-like antibodies. Reeves WH, et al. **J Clin Invest** 1985 Feb;75(2):580-7

Origins of anti-DNA autoantibodies. Schwartz RS, et al. **J Clin Invest** 1985 Feb;75(2):321-7 (79 ref.)

A circulating inhibitor of fluid-phase amplification. C3 convertase formation in systemic lupus erythematosus. Waldo FB, et al. **J Clin Invest** 1985 Jun;75(6):1786-95

Inhibition of soluble antigen-induced T cell proliferation by warm-reactive antibodies to activated T cells in systemic lupus erythematosus. Yamada A, et al. **J Clin Invest** 1984 Dec;74(6):1948-60

Influence of avidity of circulating anti-DNA antibodies on murine lupus nephritis. Granholm NA, et al. **J Clin Lab Immunol** 1985 Apr;16(4):211-5

Defective cellular immune responses in lupus nephritis. Matsumoto K, et al. **J Clin Lab Immunol** 1984 Jul; 14(3):161-3

Depressed effector activity of OKT4+ and OKT8+ T cell subsets in lectin-dependent cell-mediated cytotoxicity to HEP-2 cells in patients with systemic lupus erythematosus. Perl A, et al. **J Clin Lab Immunol** 1984 Oct;15(2):95-100

Hidden autoantibodies against common serum proteins in murine systemic lupus erythematosus. Detection by in vitro plaque-forming cell assay. Cohen PL, et al. **J Exp Med** 1985 Jun 1;161(6):1587-92

Lupus autoantibodies target ribosomal P proteins. Elkon KB, et al. **J Exp Med** 1985 Aug 1;162(2):459-71

Genetic elements used for a murine lupus anti-DNA autoantibody are closely related to those for antibodies to exogenous antigens. Kofler R, et al. **J Exp Med** 1985 Apr 1;161(4):805-15

Ig heavy chain variable region gene complex of lupus mice exhibits normal restriction fragment length polymorphism. Kofler R, et al. **J Exp Med** 1985 Jul 1;162(1):346-51

Immunochemical similarities between monoclonal antibacterial Waldenstrom's macroglobulins and monoclonal anti-DNA lupus autoantibodies. Naparstek Y, et al. **J Exp Med** 1985 Jun 1;161(6):1525-38

Immune response to nucleic acid antigens and native DNA by human peripheral blood lymphocytes in vitro. Bastian D, et al. **J Immunol** 1985 Sep;135(3):1772-7

Association between the Ro and La antigenic determinants:

immunodiffusion analysis of human spleen extract. Eisenberg RA. **J Immunol** 1985 Sep;135(3):1707–13

A public idiotypic determinant is present on spontaneous cationic IgG antibodies to DNA from mice of unrelated lupus-prone strains. Hahn BH, et al. **J Immunol** 1984 Dec; 133(6):3015–9

Low molecular weight C1q in systemic lupus erythematosus. Hoekzema R, et al. **J Immunol** 1985 Jul;135(1):265–71

Detection of cross reactive anti-DNA antibody idiotypes on tissue-bound immunoglobulins from skin biopsies of lupus patients. Isenberg D, et al. **J Immunol** 1985 Jul;135(1):261–4

Resistance to tolerance induction is not prerequisite to development of murine SLE. Izui S, et al. **J Immunol** 1984 Dec;133(6):3010–4

Monoclonal anti-histone autoantibodies derived from murine models of lupus. Kotzin BL, et al. **J Immunol** 1984 Nov; 133(5):2554–9

Characterization of T lymphocyte subpopulations responsible for deficient interleukin 2 activity in patients with systemic lupus erythematosus. Murakawa Y, et al. **J Immunol** 1985 Jan;134(1):187–95

Establishment of a nucleoside-specific suppressor T cell line from SLE prone (NZB/NZW)F1 mice. Naiki M, et al. **J Immunol** 1985 Aug;135(2):1080–5

Purification and N-terminal amino acid sequence of proliferating cell nuclear antigen (PCNA)/cyclin and development of ELISA for anti-PCNA antibodies. Ogata K, et al. **J Immunol** 1985 Oct;135(4):2623–7

Specific and shared idiotypes found on hybridoma anti-DNA autoantibodies derived from rheumatoid arthritis and systemic lupus erythematosus patients. Rauch J, et al. **J Immunol** 1985 Oct;135(4):2385–92

Hybridoma anti-DNA autoantibodies from patients with rheumatoid arthritis and systemic lupus erythematosus demonstrate similar nucleic acid binding characteristics. Rauch J, et al. **J Immunol** 1985 Jan;134(1):180–6

Disease-associated loss of erythrocyte complement receptors (CR1, C3b receptors) in patients with systemic lupus erythematosus and other diseases involving autoantibodies and/or complement activation. Ross GD, et al. **J Immunol** 1985 Sep;135(3):2005–14

Defective mononuclear phagocyte function in systemic lupus erythematosus: dissociation of Fc receptor-ligand binding and internalization. Salmon JE, et al. **J Immunol** 1984 Nov; 133(5):2525–31

Decrease in HLA-DR-positive monocytes in patients with systemic lupus erythematosus (SLE). Shirakawa F, et al. **J Immunol** 1985 Jun;134(6):3560–2

Treatment of murine lupus with monoclonal anti-T cell antibody. Wofsy D, et al. **J Immunol** 1985 Feb;134(2):852–7

Suppression of murine lupus autoantibodies to DNA by administration of muramyl dipeptide and syngeneic anti-DNA IgG. Zouali M, et al. **J Immunol** 1985 Aug; 135(2):1091–6

A new enzyme-linked immunosorbent assay (ELISA) for measuring immunoconglutinins directed against the third component of human complement. Findings in systemic lupus erythematosus. Durand CG, et al. **J Immunol Methods** 1984 Oct 12;73(1):57–66

A method for binding specificity analysis of anti-DNA autoantibodies in SLE. Impraim CC, et al. **J Immunol Methods** 1985 Apr 22;78(2):191–8

C1q solid-phase radioimmunoassay: binding properties of solid-phase C1q and evidence that C1q-binding IgG complexes in systemic lupus erythematosus are not bound to endogenous C1q. Uwatoko S, et al. **J Immunol Methods** 1984 Oct 12;73(1):67–74

Prognostic significance of subepidermal immune deposits in uninvolved skin of patients with systemic lupus erythematosus: a 10-year longitudinal study. Davis BM, et al. **J Invest Dermatol** 1984 Oct;83(4):242–7

Nucleoprotein autoantibodies in lupus erythematosus. Provost TT, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):133s–139s

An inhibitory factor against monocyte spreading in the sera of patients with systemic lupus erythematosus. Baba T, et al. **J Leukocyte Biol** 1985 Oct;38(4):481–94

Cerebrospinal fluid immunoglobulin abnormalities in systemic lupus erythematosus. Ernerudh J, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):807–13

Systemic lupus erythematosus with anticardiolipin antibodies and lupus anticoagulant syndrome. Jawad AS, et al. **J R Soc Med** 1985 Aug;78(8):677–8

The pathogenesis of immune dysregulation in systemic lupus erythematosus. A troika. Alarcón-Segovia D. **J Rheumatol** 1984 Oct;11(5):588–90

Antibodies to vimentin intermediate filaments in sera from patients with SLE and RA: quantitation by solid phase radioimmunoassay. Alcover A, et al. **J Rheumatol** 1985 Apr;12(2):233–6

HLA antigens in systemic lupus erythematosus: relationship to disease severity, age at onset, and sex. Bell DA, et al. **J Rheumatol** 1984 Aug;11(4):475–9

Clinical significance of low molecular weight IgM in patients with systemic lupus erythematosus. Harisdangkul V, et al. **J Rheumatol** 1984 Oct;11(5):638–43

A significant increase of HLA-DR3 and DR2 in systemic lupus erythematosus among blacks. Kachru RB, et al. **J Rheumatol** 1984 Aug;11(4):471–4

Antibodies to nonhistone nuclear antigens and antilymphocyte antibodies among children and adults with systemic lupus erythematosus and their relatives. Lehman TJ, et al. **J Rheumatol** 1984 Oct;11(5):644–7

Left-handed 'Z' DNA antibodies in rheumatoid arthritis and systemic lupus erythematosus. Sibley JT, et al. **J Rheumatol** 1984 Oct;11(5):633–7

Differential generation of chemiluminescence--detectable oxygen radicals by normal polymorphonuclear leukocytes challenged with sera from systemic lupus erythematosus and rheumatoid arthritis patients. D'Onofrio C, et al. **Klin Wochenschr** 1984 Aug 1;62(15):710–6

Anti-DNA antibody idiotypes in SLE [letter] **Lancet** 1984 Oct 6;2(8406):821–2

Different mode of circulating immune complexes and anti-ssDNA antibodies in sera of lepromatous leprosy and systemic lupus erythematosus. Furukawa F, et al. **Lepr Rev** 1984 Sep;55(3):291–9

Systemic lupus erythematosus: a review of clinico-laboratory features and immunogenetic markers in 150 patients with emphasis on demographic subsets. Hochberg MC, et al. **Medicine (Baltimore)** 1985 Sep;64(5):285–95

Neonatal lupus erythematosus. A clinical, serological and immunogenetic study with review of the literature. Watson RM, et al. **Medicine (Baltimore)** 1984 Nov;63(6):362–78 (82 ref.)

Is Libman-Sacks endocarditis an immune complex disease? Ansari AU, et al. **Minn Med** 1984 Dec;67(12):681–2

Radioimmunoassay of the attack complex of complement in serum from patients with systemic lupus erythematosus. Falk RJ, et al. **N Engl J Med** 1985 Jun 20;312(25):1594–9

Antibody to cardiolipin as a predictor of fetal distress or death in pregnant patients with systemic lupus erythematosus. Lockshin MD, et al. **N Engl J Med** 1985 Jul 18;313(3):152–6

Systemic lupus erythematosus with deficiency of the T4 epitope on T helper/inducer cells. Stohl W, et al. **N Engl J Med** 1985 Jun 27;312(26):1671–8

Binding capacity of sera from systemic lupus erythematosus (SLE) and rheumatoid arthritis (RA) to C3c. Evaluation by enzyme linked immunosorbent assay (ELISA). Bringuier JP, et al. **Pathol Biol (Paris)** 1984 Dec; 32(10):1029–32

Immunology of anergy and systemic lupus erythematosus. **Prog Allergy** 1984;35:1–169

Cellular immune responses in systemic lupus erythematosus. Tsokos GC, et al. **Prog Allergy** 1984;35:93–161 (372 ref.)

Evaluation of plasma C3d and immune complex determinations in the assessment of disease activity of patients with rheumatoid arthritis, systemic lupus erythematosus, and spondylitis ancylopoetica. Krauledat PB, et al. **Rheumatol Int** 1985;5(3):97–101

DNA antibodies with and without complement-binding ability. Teppo AM, et al. **Rheumatol Int** 1984;4(4):173–6

Alteration of Fc-receptor phenotype and proliferative capacity of Fc-IgG-receptor positive lymphocytes through interaction with soluble immune complexes of patients with SLE or RA. Thien M, et al. **Rheumatol Int** 1985;5(3):127–32

Abnormal production of and response to B-cell growth factor and B-cell differentiation factor in patients with systemic lupus erythematosus. Hirose T, et al. **Scand J Immunol** 1985 Feb;21(2):141–50

Sequential studies of complement activation in systemic lupus erythematosus. Sturfelt G, et al. **Scand J Rheumatol** 1985; 14(2):184–96

Immune complex clearance and anti-ENA in patients with SLE. Kávai M, et al. **Scand J Rheumatol [Suppl]** 1985; 56:98–100

Quantitation of anti-ENA antibodies by a modified ELISA in patients with SLE and MCTD. Seres T, et al. **Scand J Rheumatol [Suppl]** 1985;56:75–7

Antibodies to dsDNA and ssDNA in the immunoglobulin classes IgG and IgM: prognostic value in the course of SLE. Krippner H, et al. **Z Rheumatol** 1984 Sep–Oct; 43(5):265–71

[Disorders in the autoimmune reactivity to erythrocytic, thrombocytic and lymphocytic antigens and the T-lymphocyte subpopulations regulating immunobiological equilibrium in lupus nephropathy patients] Stefanova G, et al. **Vutr Boles** 1984;23(5):48–53 **(Bul)**

[Comparison studies on levels of CIC, complement C and its breakdown product C3c in chronic bronchitis and systemic lupus erythematosis] Hou JC, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):232–3 (Eng. Abstr.) **(Chi)**

[Value of lupus biology in rheumatoid polyarthritis] Bardin T. **Ann Med Interne (Paris)** 1984;135(6):411–3 **(Fre)**

[Lupus biology: incidence and development in 84 rheumatoid polyarthritis patients treated with D-penicillamine] Clerc D, et al. **Ann Med Interne (Paris)** 1984;135(6):420–6 (Eng. Abstr.) **(Fre)**

[Significance of antinuclear anti-histone antibodies] Ferec C, et al. **Ann Med Interne (Paris)** 1984;135(6):427–30 (Eng. Abstr.) **(Fre)**

[Therapeutic prospects in systemic lupus erythematosus (letter)] Laville M, et al. **Presse Med** 1985 Jun 29; 14(26):1431 **(Fre)**

[Determination of anti-native DNA antibodies by immunofluorescence on Crithidia luciliae. Correlation between renal involvement and the presence of high-avidity anti-native DNA antibodies in lupic disease] Meyer O, et al. **Presse Med** 1984 Dec 22;13(46):2801–5 (Eng. Abstr.) **(Fre)**

[Binding of complement by anti-native desoxyribonucleic acid antibodies in systemic lupus erythematosus] Youinou P, et al. **Presse Med** 1985 Apr 20;14(16):875–8 (Eng. Abstr.) **(Fre)**

[Systemic lupus erythematosus. A new look] Derue G, et al. **Rev Rhum Mal Osteoartic** 1985 Feb;52(2):69–71 (Eng. Abstr.) **(Fre)**

[Antiphospholipid antibodies, thrombosis and lupus disease. Value of the assay of anticardiolipin antibodies by the ELISA technic] Meyer O, et al. **Rev Rhum Mal Osteoartic** 1985 May;52(5):297–305 (Eng. Abstr.) **(Fre)**

[Nephritis and the presence of antiribonucleoprotein antibodies in disseminated lupus erythematosus in children and adolescents] Lapointe ND, et al. **Union Med Can** 1985 Jun;114(6):490–2 (Eng. Abstr.) **(Fre)**

[Avidity of single-stranded DNA antibodies and its importance for the pathogenesis of autoimmune diseases] Böhm F, et al. **Dermatol Monatsschr** 1985;171(5):312–8 (Eng. Abstr.) **(Ger)**

[Abnormal HLA-DR antigen expression in monocytes of patients with systemic lupus erythematosus and psoriasis vulgaris] Volk HD, et al. **Dermatol Monatsschr** 1985; 171(5):308–11 (Eng. Abstr.) **(Ger)**

[Circulating immune complexes and NK activity in systemic lupus erythematosus] Haas H, et al. **Immun Infekt** 1984 Apr;12(2):109–10 (Eng. Abstr.) **(Ger)**

[DNA antibodies during the clinical course of systemic lupus erythematosus] Krippner H, et al. **Immun Infekt** 1984 Feb; 12(1):37–8 (Eng. Abstr.) **(Ger)**

[Detection of T cell independent B cell maturation disorder in cocultivation studies in systemic lupus erythematosus] Schlegelberger T, et al. **Immun Infekt** 1985 Feb;13(1):31–2 (Eng. Abstr.) **(Ger)**

[Central nervous system manifestations in patients with systemic lupus erythematosus. Review of pathogenetic aspects] Wollina U. **Psychiatr Neurol Med Psychol (Leipz)** 1984 May; 36(5):303–6 (Eng. Abstr.) **(Ger)**

[Current clinical and experimental concepts in SLE] Tubi E, et al. **Harefuah** 1984 Oct;107(7–8):186–90 **(Heb)**

[Evaluation of T suppressor activity in systemic lupus erythematosus] Balestrieri G, et al. **Boll Ist Sieroter Milan** 1982;61(4):330–5 (Eng. Abstr.) **(Ita)**

[Lymphocytic and lymphocytoactive components in the etiopathogenic mechanisms of systemic lupus erythematosus. An analysis of the literature] Angela GC, et al. **G Batteriol Virol Immunol** 1983 Jan–Jun;76(1–6):25–42 (53 ref.) (Eng. Abstr.) **(Ita)**

[Antinuclear antibodies, drugs and systemic lupus erythematosus] Bonomo L. **Recenti Prog Med** 1985 Feb; 76(2):100–1 **(Ita)**

[Immunological analysis of the primary renal diseases and lupus nephritis] Osaki K, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):33–41 (Eng. Abstr.) **(Jpn)**

[Characterization of peripheral Ia-positive T cell subsets in systemic lupus erythematosus] Matsumoto Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1643–8 **(Jpn)**

[Studies on the results of anti-toxoplasma enzyme-linked immunosorbent assay and false positive reactions in patients with progressive systemic sclerosis, rheumatoid arthritis and systemic lupus erythematosus] Sekine F, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):7–12 **(Jpn)**

[Therapy of systemic lupus erythematosus--studies using disease models. 2. Suppression of anti-ds DNA antibody formation in NZB/W mice and improvement of glomerulonephritis] Okuhira H, et al. **Nippon Rinsho** 1984 Dec;42(12):2795–800 **(Jpn)**

[Studies of the mechanisms of human B-cell activation. II. The role of resting B-cell abnormalities in the pathogenesis of systemic lupus erythematosus] Ueda Y, et al. **Ryumachi** 1985 Feb;25(1):8–14 (Eng. Abstr.) **(Jpn)**

[HLA-A and HLA-B antigens in patients with systemic lupus erythematosus] Yoshinari NN, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Sep–Oct; 39(5):208–14 (Eng. Abstr.) **(Por)**

[Characteristics of the cytotoxic antilymphocyte antibodies in systemic lupus erythematosus] Matveĭkov GP, et al. **Revmatologiia (Moskva)** 1985 Jan–Mar;(1):32–5 (Eng. Abstr.) **(Rus)**

[Phagocytic reactions in systemic lupus erythematosus] Kozlovskaia LV, et al. **Ter Arkh** 1984;56(7):93–7 **(Rus)**

[HLA antigens in systemic lupus erythematosus patients] Matveĭkov GP, et al. **Ter Arkh** 1984;56(10):40–4 (Eng. Abstr.) **(Rus)**

[Clinico-immunological characteristics of systemic lupus erythematosus with Raynaud and Sjögren's syndromes (report I)] Nasonova VA, et al. **Ter Arkh** 1985;57(5):94–8 (Eng. Abstr.) **(Rus)**

[Modulation of the proliferative response of lymphocytes with a new enkephalin analog--dalargin] Vinogradov VA, et al. **Ter Arkh** 1984;56(11):114–6 **(Rus)**

[Systemic lupus erythematosus and anti-native-DNA antibodies measured using Crithidia luciliae (letter)] Maradona Hidalgo JA, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):416–7 **(Spa)**

[Specificity of antibodies against native DNA using Crithidia luciliae. Clinical and analytical features of patients with and without antibodies against native DNA in systemic lupus erythematosus] Peña Sagredo JL, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):94–6 (Eng. Abstr.) **(Spa)**

[Complement binding anti-DNA antibodies: its clinical significance in systemic lupus erythematosus] Pigrau A, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):787–91 (Eng. Abstr.) **(Spa)**

[Demonstration of antinuclear antibodies in the epidermis of patients with progressive systemic sclerosis, generalized lupus erythematosus and dermatomyositis] Lamas Robles C, et al. **Rev Invest Clin** 1984 Apr–Jun;36(2):115–9 (Eng. Abstr.) **(Spa)**

[Detection of circulating immune complexes by immunoenzyme assay with solid phase Clq] Mezzano S, et al. **Rev Med Chil** 1984 Jun;112(6):547–52 (Eng. Abstr.) **(Spa)**

METABOLISM

Gonadotropins pituitary secretion in systemic lupus erythematosus. Lavalle C, et al. **Clin Exp Rheumatol** 1984 Apr–Jun;2(2):163–5

Low capacity of erythrocytes to bind with immune complexes via C3b receptor in patients with systemic lupus erythematosus: correlation with pathological proteinuria. Nojima Y, et al. **Clin Immunol Immunopathol** 1985 Jan; 34(1):109–17

Increased levels of 16 alpha-hydroxyestrone-modified proteins in pregnancy and in systemic lupus erythematosus. Bucala R, et al. **J Clin Endocrinol Metab** 1985 May; 60(5):841–7

A fish oil diet rich in eicosapentaenoic acid reduces cyclooxygenase metabolites, and suppresses lupus in MRL-lpr mice. Kelley VE, et al. **J Immunol** 1985 Mar; 134(3):1914–9

[Proline levels and collagen metabolism in patients with systemic lupus erythematosus] Jendryczko A, et al. **Przegl Lek** 1984;41(9):563–5 (Eng. Abstr.) **(Pol)**

[Hormones regulating phosphorus-calcium metabolism in patients with systemic lupus erythematosus nephritis and Bright disease] Strunin SE, et al. **Klin Med (Mosk)** 1985 Jun;63(6):61–4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

An immunofluorescent study of generalized infection of human cytomegalovirus in a patient with systemic lupus erythematosus. Iwasaki T, et al. **Acta Pathol Jpn** 1984 Jul; 34(4):869–74

Salmonella typhimurium bacteriuria. An increased infection rate in systemic lupus erythematosus. Frayha RA, et al. **Arch Intern Med** 1985 Apr;145(4):645–7

MORTALITY

Why do patients with lupus nephritis die? Correia P, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):126–31

Mortality in systemic lupus erythematosus: the bimodal pattern revisited. Rubin LA, et al. **Q J Med** 1985 Apr; 55(216):87–98

NURSING

The patient with lupus nephritis: a nursing perspective. Joyce KM, et al. **Heart Lung** 1985 Jan;14(1):75–9

OCCURRENCE

The incidence of systemic lupus erythematosus in Baltimore, Maryland, 1970–1977. Hochberg MC. **Arthritis Rheum** 1985 Jan;28(1):80–6

Systemic lupus erythematosus in an adult population in southern Sweden: incidence, prevalence and validity of ARA revised classification criteria. Nived O, et al. **Br J Rheumatol** 1985 May;24(2):147–54

Validity and yield of a two-stage screening procedure for systemic lupus erythematosus. Hochberg MC, et al. **Clin Exp Rheumatol** 1983 Jan–Mar;1(1):67–71

Epidemiology of systemic lupus erythematosus and other connective tissue diseases in Rochester, Minnesota, 1950 through 1979. Michet CJ Jr, et al. **Mayo Clin Proc** 1985 Feb;60(2):105–13

Systemic lupus erythematosus in 3 black South African men. Case reports. Thandroyen FT, et al. **S Afr Med J** 1984 Sep 29;66(13):490–2

Prevalence and mortality rates of systemic lupus erythematosus and causes of death in SLE patients in Finland. Helve T. **Scand J Rheumatol** 1985;14(1):43–6

Systemic lupus erythematosus in Oriental males. A clinical profile. Boey ML, et al. **Singapore Med J** 1984 Oct; 25(5):332–5

[Acute disseminated lupus erythematosus in Ivory Coast (apropos of 9 cases)] Monnier A, et al. **Med Trop (Mars)** 1985 Jan–Mar;45(1):47–54 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Lupus nephritis. Clinicopathology and immunopathology of 80 biopsy cases. Ishikura H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1087–98

Systemic lupus erythematosus with multiple calcified fibrous nodules of the spleen. Kitamura H, et al. **Acta Pathol Jpn** 1985 Jan;35(1):213–26

Course of renal pathology in patients with systemic lupus erythematosus. Lee HS, et al. **Am J Med** 1984 Oct; 77(4):612–20

Membranous glomerulonephropathy with crescents in systemic lupus erythematosus. Williams WW, et al. **Am J Nephrol** 1985;5(3):158–62

Systemic lupus erythematosus without clinical renal abnormalities: renal biopsy findings and clinical course. O'Dell JR, et al. **Ann Rheum Dis** 1985 Jun;44(6):415–9

Systemic lupus erythematosus with vesiculobullous lesions. Immunoelectron microscopic studies. Tani M, et al. **Arch Dermatol** 1984 Nov;120(11):1497–501

Lupus nephritis. Collaborative study by the French Society of Paediatric Nephrology. Dumas R. **Arch Dis Child** 1985 Feb;60(2):126–8

Systemic lupus erythematosus in a premature infant. Cummings NP, et al. **Arthritis Rheum** 1985 May;28(5):573–5

Bowel involvement in systemic lupus erythematosus: Crohn's disease or lupus vasculitis? Gladman DD, et al. **Arthritis Rheum** 1985 Apr;28(4):466–70

Concurrent systemic lupus erythematosus and common variable hypogammaglobulinemia. Stein A, et al. **Arthritis Rheum** 1985 Apr;28(4):462–5

Lupus-like nephritis heralding the definitive manifestation of systemic lupus erythematosus. Fisher C, et al. **Br J Rheumatol** 1985 Aug;24(3):256–62

Lupus lung. Miller LR, et al. **Chest** 1985 Aug;88(2):265–9

Pulmonary hypertension in systemic lupus erythematosus: a report of four cases. Hodson P, et al. **Clin Exp Rheumatol** 1983 Jul–Sep;1(3):241–5

Pulmonary hypertension and systemic lupus erythematosus. Marchesoni A, et al. **Clin Exp Rheumatol** 1983 Jul–Sep; 1(3):247–50

Fatal post-partum pulmonary vasculitis in systemic lupus erythematosus. Hubscher O, et al. **Clin Rheumatol** 1984 Dec;3(4):547–50

Is renal biopsy overused in patients with systemic lupus erythematosus? Kühn K, et al. **Contrib Nephrol** 1984; 43:45–50 (39 ref.)

Predictive value of renal biopsy in lupus nephritis. Waldherr R. **Contrib Nephrol** 1984;43:36–44 (28 ref.)

Incidence and significance of intrarenal vasculopathies in patients with systemic lupus erythematosus. Tsumagari T, et al. **Hum Pathol** 1985 Jan;16(1):43–9

The in vitro photosensitivity of systemic lupus erythematosus skin fibroblasts. Zamansky GB, et al. **J Immunol** 1985 Mar; 134(3):1571–6

Purified recombinant human leukocyte interferons IFLrA and IFLrD induce human lupus inclusions in Raji and Daudi cells. Rich SA, et al. **J Interferon Res** 1984 Summer; 4(3):335–45

Studies of peritoneal macrophage function in murine systemic lupus erythematosus. 2. Nature of elevated resident peritoneal cells in NZB and (NZB x NZW)F1 mice. Russell PJ, et al. **J Leukocyte Biol** 1985 Aug;38(2):241–54

Diffuse proliferative lupus nephritis: identification of specific pathologic features affecting renal outcome. Austin HA 3d, et al. **Kidney Int** 1984 Apr;25(4):689–95

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 2-1985. A 57-year-old woman with fever, pain in the legs, anemia, and hypergammaglobulinemia. **N Engl J Med** 1985 Jan 10; 312(2):103–12

Unilateral central retinal vein occlusion in systemic lupus erythematosus. Laroche L, et al. **Ophthalmologica** 1984; 189(3):128–9

Cerebral and retinal vascular changes in systemic lupus erythematosus. Graham EM, et al. **Ophthalmology** 1985 Mar;92(3):444–8

Light, electron and immunofluorescence microscopic features of oral lichen planus, lupus erythematosus and leukoplakia. A review. Jungell P, et al. **Proc Finn Dent Soc** 1984;80(3):107–14 (63 ref.)

Ultrastructure of renal glomerular hematoxylin bodies. Morita M, et al. **Ultrastruct Pathol** 1984;7(1):13–9

[Lupus erythematosus gyratus repens. Description of a case] Puiatti P. **G Ital Dermatol Venereol** 1985 Jan–Feb; 120(1):67–70 (Eng. Abstr.) **(Ita)**

[Electron microscopic study of glomerular hematoxylin bodies in lupus nephritis] Morita M, et al. **Nippon Jinzo Gakkai Shi** 1984 Oct;26(10):1285–92 (Eng. Abstr.) **(Jpn)**

[Morphologic and immunomorphologic studies in rheumatoid arthritis and systemic lupus erythematosus] Wagner T. **Patol Pol** 1984 Jan–Mar;35(1):45–64 (Eng. Abstr.) **(Pol)**

[Modified rapid method for detecting lupus erythematosus cells using the MM-3M magnetic mixer] Ulaeva GV. **Lab Delo** 1985;(1):58–9 **(Rus)**

PHYSIOPATHOLOGY

Murine models of systemic lupus erythematosus. Theofilopoulos AN, et al. **Adv Immunol** 1985;37:269–390 (597 ref.)

Lupus pregnancy. Case-control prospective study demonstrating absence of lupus exacerbation during or after pregnancy. Lockshin MD, et al. **Am J Med** 1984 Nov; 77(5):893–8

Inspiratory muscle dysfunction and unexplained dyspnea in systemic lupus erythematosus. Jacobelli S, et al. **Arthritis Rheum** 1985 Jul;28(7):781–8

The value of complement and immune complex determinations in monitoring disease activity in patients with systemic lupus erythematosus. Valentijn RM, et al. **Arthritis Rheum** 1985 Aug;28(8):904–13

Severe thoracic systemic lupus erythematosus. McDonald CF, et al. **Aust NZ J Med** 1984 Jun;14(3):239–43

Modulation of the sodium periodate (NaIO4) response in systemic lupus erythematosus (SLE): effect of interleukin-1 (IL-1), interleukin-2 (IL-2), phorbol myristate acetate (PMA), and indomethacin. Phillips R, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):77–83

Decreased filtration fraction during active proliferative lupus nephritis: relation to disease activity and reversibility of renal function. Kallenberg CG, et al. **Clin Nephrol** 1984 Nov;22(5):223–9

Contraception with progestagens in systemic lupus erythematosus. Mintz G, et al. **Contraception** 1984 Jul; 30(1):29–38

Role of stimulated neutrophils from patients with systemic lupus erythematosus in tissue injury, with special reference to serum factors and increased active oxygen species generated by neutrophils. Niwa Y, et al. **Inflammation** 1985 Jun;9(2):163–72

Action spectrum and mechanisms of UV radiation-induced injury in lupus erythematosus. Kochevar IE. **J Invest Dermatol** 1985 Jul;85(1 Suppl):140s–143s

Filtration fraction: an index of renal disease activity in patients with systemic lupus erythematosus. Favre H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:717–21

The clearance of heat-damaged erythrocytes by the reticulo-endothelial system in systemic lupus erythematosus and rheumatoid arthritis. Swaak AJ, et al. **Rheumatol Int** 1984;4(4):177–82

The role of diet in animal models of systemic lupus erythematosus: possible implications for human lupus. Corman LC. **Semin Arthritis Rheum** 1985 Aug;15(1):61–9 (80 ref.)

[Renal tubular function changes in lupus nephritis] Wang YX, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):344–7, 381 (Eng. Abstr.) **(Chi)**

[Disseminated lupus erythematosus in childhood] de Jongste JC, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1045–9 (Eng. Abstr.) **(Dut)**

[Pregnancy in women with lupus nephropathy] Spineter-Sokołowska E, et al. **Pol Tyg Lek** 1984 Oct 1–8; 39(40–41):1319–21 (Eng. Abstr.) **(Pol)**

[Systemic lupus erythematosus and pregnancy. Study of 44 patients] Mathías L, et al. **Ginecol Obstet Mex** 1984 Aug; 52(328):195–9 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Prevention of autoantibody formation and prolonged survival in New Zealand black/New Zealand white F1 mice fed dehydroisoandrosterone. Lucas JA, et al. **J Clin Invest** 1985 Jun;75(6):2091–3

PSYCHOLOGY

Facilitating patient acceptance of a psychiatric referral. Bursztajn H, et al. **Arch Intern Med** 1985 Jan;145(1):73–5

[Psychic disorders in systemic lupus erythematosus. Prospective study of 35 cases] Nollet D, et al. **Presse Med** 1985 Feb 16;14(7):401–4 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Jaccoud's arthropathy of the knees in systemic lupus erythematosus. de la Sota M, et al. **Arthritis Rheum** 1985 Jul;28(7):825–7

Bone lesions in systemic lupus erythematosus. Leskinen RH, et al. **Radiology** 1984 Nov;153(2):349–52

RADIOTHERAPY

Rheumatoid arthritis, lupus nephritis, and risks of lymphoid irradiation [letter] Grünwald HW, et al. **Ann Intern Med** 1985 Jul;103(1):155

Treatment of intractable lupus nephritis with total lymphoid irradiation. Strober S, et al. **Ann Intern Med** 1985 Apr; 102(4):450–8

[Therapeutic effect of total lymphoid irradiation in the SLE symptoms in the NZB/W F1 mouse] Ogawa H, et al. **Nippon Rinsho** 1985 Jan;43(1):180–4 **(Jpn)**

REHABILITATION

[Work capacity of patients with systemic lupus erythematosus] Tarasov AN, et al. **Vrach Delo** 1985 Jan; (1):81–5 (Eng. Abstr.) **(Rus)**

THERAPY

Initial treatment of systemic lupus erythematosus with a new artificial reticuloendothelial system. Maeda K, et al. **Appl Biochem Biotechnol** 1984;10:193–6

Plasmapheresis in a pregnancy complicated by acute systemic lupus erythematosis. Case report. Thomson BJ, et al. **Br J Obstet Gynaecol** 1985 May;92(5):532–4

Treatment of systemic lupus erythematosus by acupuncture. A preliminary report of 25 cases. Feng SF, et al. **Chin Med J [Engl]** 1985 Mar;98(3):171–6

The estimation of circulating immune complexes. C3d, and anti-ds-DNA-antibody serum levels in the monitoring of therapeutic plasmapheresis in a patient with systemic lupus erythematosus. A case report. Krapf F, et al. **Clin Exp Rheumatol** 1985 Apr–Jun;3(2):159–62

Therapy of acute pancreatitis in systemic lupus erythematosus with plasmapheresis and corticosteroids. Ossi E, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):345-7

Acute pancreatitis in systemic lupus erythematosus (SLE). Successful treatment with plasmapheresis after failure of prednisone. Zanen S, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):341-4

Effect of plasmapheresis on cellular immunity abnormalities in patients with systemic lupus erythematosus. Bonomini V, et al. **Clin Nephrol** 1984 Sep;22(3):121-6

Treatment of lupus nephritis. Williams DG. **Contrib Nephrol** 1984;43:25-35 (30 ref.)

Maintenance hemodialysis in end-stage lupus nephritis [editorial] Pahl MV, et al. **Int J Artif Organs** 1984 Sep; 7(5):243-4

Specific adsorption of circulating antibodies by extracorporeal plasma perfusions over antigen coated collagen flat-membranes: applications to systemic lupus erythematosus. El-Habib R, et al. **J Clin Lab Immunol** 1984 Nov;15(3):111-7

Treatment of immune complex diseases. Kater L. **Neth J Med** 1984;27(9):368-74 (48 ref.)

The nonspecific clearance function of the reticuloendothelial system in patients with immune complex mediated diseases before and after therapeutic plasmapheresis. Löw A, et al. **Rheumatol Int** 1985;5(2):69-72

Lymphoplasmapheresis for acute systemic lupus erythematosis (SLE). Gluck O, et al. **Trans Am Soc Artif Intern Organs** 1984;30:678

Apheresis is of value in SLE. Hebert LA. **Trans Am Soc Artif Intern Organs** 1984;30:697

Apheresis is of no value in SLE. Hunsicker LG. **Trans Am Soc Artif Intern Organs** 1984;30:697-9

Cryopheresis in the treatment of systemic lupus erythematosus. Stewart DW, et al. **Trans Am Soc Artif Intern Organs** 1984;30:222-6

Effect of immunoadsorption on patient with rheumatoid arthritis or SLE. Yamazaki Z, et al. **Trans Am Soc Artif Intern Organs** 1984;30:211-6

[Plasmapheresis in the treatment of active systemic lupus erythematosus refractory to conventional therapy] Ge MZ. **Chung Hua Nei Ko Tsa Chih** 1984 Oct;23(10):602-5 (Eng. Abstr.) **(Chi)**

[Initial experience in the treatment of systemic lupus erythematosus using plasmapheresis] Simčíková B, et al. **Cas Lek Cesk** 1985 Aug 30;124(35):1097-101 (Eng. Abstr.) **(Cze)**

[Value of plasma exchange in neurologic complications of acute disseminated lupus erythematosus in children] Couillault G, et al. **Arch Fr Pediatr** 1985 Jan;42(1):41-3 (Eng. Abstr.) **(Fre)**

[Double filtration plasma exchange in the treatment of lupus nephritis] Tsuda H. **Ryumachi** 1984 Oct;24(5):345-51 (Eng. Abstr.) **(Jpn)**

[Treatment of systemic lupus erythematosus] Ivanova MM. **Klin Med (Mosk)** 1985 Jan;63(1):16-23 (30 ref.) **(Rus)**

VETERINARY

Specificities of antinuclear antibodies detected in dogs with systemic lupus erythematosus. Costa O, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):369-82

Progressive polysystemic immune-mediated disease in a dog. Werner LL, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):183-92

LUPUS VULGARIS see **LUPUS**

LURCHER MICE see **MICE, NEUROLOGIC MUTANTS**

LURIA-NEBRASKA NEUROPSYCHOLOGICAL BATTERY see under **NEUROPSYCHOLOGICAL TESTS**

LUTEAL MAINTENANCE see **CORPUS LUTEUM MAINTENANCE**

LUTEAL PHASE

Prolactin production by explants of normal, luteal phase defective, and corrected luteal phase defective late secretory endometrium. Ying YK, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):801-4

Ultrasonic and hormonal evaluation of luteal phases and early ongoing pregnancies after in vitro fertilization and embryo replacement. Feichtinger W, et al. **Ann NY Acad Sci** 1985; 442:445-54

Is the short luteal phase a defective luteal phase? Smith SK, et al. **Ann NY Acad Sci** 1985;442:387-90

Changing frequency of pulsatile luteinizing hormone and progesterone secretion during the luteal phase of the menstrual cycle of rhesus monkeys. Ellinwood WE, et al. **Biol Reprod** 1984 Nov;31(4):714-22

The short luteal phase and infertility. Smith SK, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1120-2

Interference by luteal-phase progesterone in a commercial kit for measurement of 17 alpha-hydroxyprogesterone [letter] Gupta MK, et al. **Clin Chem** 1985 Jul;31(7):1246-7

Variation in osmoregulation of arginine vasopressin during the human menstrual cycle. Spruce BA, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):37-42

Late infertile days in early postpartum cycles. Hatherley LI. **Clin Reprod Fertil** 1985 Mar;3(1):73-80

Anovulation, inadequate luteal phase and poor sperm penetration in cervical mucus during prolonged use of Norplant implants. Brache V, et al. **Contraception** 1985 Mar;31(3):261-73

Adenylate cyclase in the corpus luteum of the rhesus monkey. III. Changes in basal and gonadotropin-sensitive activities during the luteal phase of the menstrual cycle. Eyster KM, et al. **Endocrinology** 1985 Oct;117(4):1571-7

The rhesus monkey corpus luteum is dependent on pituitary gonadotropin secretion throughout the luteal phase of the menstrual cycle. Hutchison JS, et al. **Endocrinology** 1984 Nov;115(5):1780-6

Importance of short luteal phases in the endocrine mechanism controlling initiation of estrous cycles in anestrous ewes. Legan SJ, et al. **Endocrinology** 1985 Oct;117(4):1530-6

Evaluation of luteal-phase salivary progesterone levels in women with benign breast disease or primary breast cancer. Read GF, et al. **Eur J Cancer Clin Oncol** 1985 Jan; 21(1):9-17

Serum oestradiol-17 beta and prolactin concentrations during the luteal phase in women with benign breast disease. Walsh PV, et al. **Eur J Cancer Clin Oncol** 1984 Nov; 20(11):1345-51

Serum progesterone concentration during the luteal phase in women with benign breast disease. Walsh PV, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1339-43

Exogenous progesterone for luteal support following gonadotropin-releasing hormone ovulation induction: case report. Berger NG, et al. **Fertil Steril** 1985 Jul;44(1):133-5

The late luteal phase in infertile women: comparison of simultaneous endometrial biopsy and progesterone levels. Cumming DC, et al. **Fertil Steril** 1985 May;43(5):715-9

The 'dysharmonic luteal phase' syndrome: endometrial progesterone receptor and estradiol dehydrogenase. Gravanis A, et al. **Fertil Steril** 1984 Nov;42(5):730-6

Immunoreactive relaxin surge in the peritoneal fluid of women during the midluteal phase. Loumaye E, et al. **Fertil Steril** 1984 Dec;42(6):856-60

Endometrial estradiol and progesterone receptors in patients with luteal phase defects and endometriosis. Saracoglu OF, et al. **Fertil Steril** 1985 Jun;43(6):851-5

Early luteal serum progesterone concentrations are higher in pregnancy cycles. Yovich JL, et al. **Fertil Steril** 1985 Aug;44(2):185-9

Pelvic sonography to help determine the appropriate therapy for luteal phase defects. Check JH, et al. **Int J Fertil** 1984; 29(3):156-8

Characterization of profiles of salivary progesterone concentrations during the luteal phase of fertile and subfertile women. Walker RF, et al. **J Endocrinol** 1985 Mar; 104(3):441-6

Maternal blood platelet physiology and luteal-phase endocrinology as a means of monitoring pre- and postimplantation embryo viability following in vitro fertilization. O'Neill C, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):87-93

Increase in ovulation rate after treatment of ewes with bovine follicular fluid in the luteal phase of the oestrous cycle. Wallace JM, et al. **J Reprod Fertil** 1985 Mar;73(2):505-15

Ovulation rate and embryo survival in Damline ewes after treatment with bovine follicular fluid in the luteal phase of the oestrous cycle. Wallace JM, et al. **J Reprod Fertil** 1985 Sep;75(1):101-9

Plasma androgens during the luteal phase in a case of true hermaphroditism with bilateral ovotestis. Bercovici JP, et al. **J Steroid Biochem** 1985 May;22(5):631-4

Pseudocorpus luteum insufficiency: a study of cytosol progesterone receptors in human endometrium. Spirtos NJ, et al. **Obstet Gynecol** 1985 Apr;65(4):535-40

Effect of PGF-2 alpha on progesterone production in swine luteal cells at different stages of the luteal phase. Mattioli M, et al. **Prostaglandins Leukotrienes Med** 1985 Jan; 17(1):43-54

Increased plasma interleukin-1 activity in women after ovulation. Cannon JG, et al. **Science** 1985 Mar 8; 227(4691):1247-9

DRUG EFFECTS

The luteal phase after hyperstimulation for in vitro fertilization. Gronow MJ, et al. **Ann NY Acad Sci** 1985; 442:391-401

Assessment and hormonal treatment of the luteal phase of in vitro fertilization cycles. Yovich JL, et al. **Aust NZ J Obstet Gynaecol** 1984 May;24(2):125-30

Inhibition of luteal phase progesterone levels in the rhesus monkey by epostane. Snyder BW, et al. **Contraception** 1985 May;31(5):479-86

Inhibition of 3 beta-hydroxysteroid dehydrogenase (3 beta-HSD) activity in first- and second-trimester human pregnancy and the luteal phase using Epostane. Pattison NS, et al. **Fertil Steril** 1984 Dec;42(6):875-81

Effect on corpus luteum function of luteal phase administration of a potent gonadotropin-releasing hormone analog (nafarelin). Schriock ED, et al. **Fertil Steril** 1985 Jun;43(6):844-50

Suppression of follicular maturation by infusion of a luteinizing hormone-releasing hormone agonist starting during the late luteal phase in the stumptailed macaque monkey. Fraser HM, et al. **J Clin Endocrinol Metab** 1985 Mar;60(3):579-84

Effects of the antiprogesterone steroid RU 486 during midluteal phase in normal women. Schaison G, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):484-9

The effects of RU486 on the luteal phase of the rhesus monkey. Asch RH, et al. **J Steroid Biochem** 1985 Feb; 22(2):227-30

[Effect of ACTH on the corticosteroid and progesterone levels in female hamadryas baboons in relation to the menstrual cycle phase] Todua TN, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):135-7 (Eng. Abstr.) **(Rus)**

[Treatment of deficient luteal phase with a new schema of clomiphene citrate] Rosas Arceo J, et al. **Ginecol Obstet Mex** 1984 Oct;52(330):247-50 (Eng. Abstr.) **(Spa)**

LUTEAL REGRESSION see **CORPUS LUTEUM REGRESSION**

LUTEIN CELLS see under **CORPUS LUTEUM**

LUTEINIZING HORMONE see **LH**

LUTEINOMA see **THECA CELL TUMOR**

LUTEMBACHER'S SYNDROME see under **HEART SEPTAL DEFECTS, ATRIAL**

LUTEOLYTIC AGENTS

Oxytocin is luteolytic in the rhesus monkey (Macaca mulatta). Auletta FJ, et al. **J Reprod Fertil** 1984 Nov;72(2):401-6

Effects of prostaglandin E1 (PGE1) on estradiol-17 beta induced luteolysis in the nonpregnant ewe. Hoyer G, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):137-46

PHARMACODYNAMICS

Plasminogen activator and nuclear androgen receptor in rat prostate tumors after treatment with D-Trp-6-LH-RH. Hierowski MT, et al. **Biomed Pharmacother** 1984; 38(6):297-303

Effects of fluprostenol administration in mares during late pregnancy. Ousey JC, et al. **Equine Vet J** 1984 Jul; 16(4):264-9

Luteolysis induced by prostaglandin F2 alpha in the lizard, Anolis carolinensis. Guillette LJ Jr, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):271-7

Cloprostenol-induced luteolysis in the marmoset monkey (Callithrix jacchus). Summers PM, et al. **J Reprod Fertil** 1985 Jan;73(1):133-8

Luteolytic potency in a novel prostaglandin analogue. Buhr MM, et al. **Prostaglandins** 1984 Jul;28(1):93-101

[The antifertility action of anordrin and its effect on plasma levels of progesterone in rabbits] Gu XG. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):84-8 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Experimental protection by a luteinizing hormone-releasing hormone agonist of a bone marrow nitrosourea aplasia. Preliminary observations. Lemaigre G, et al. **Cancer Lett** 1984 Dec;25(2):123-8

Long-acting delivery systems for peptides: inhibition of rat prostate tumors by controlled release of [D-Trp6]luteinizing hormone-releasing hormone from injectable microcapsules. Redding TW, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5845-8

LUTEOMA see **THECA CELL TUMOR**

LUTEOSKYRIN see under **NAPHTHOQUINONES**

LUTHERAN BLOOD-GROUP SYSTEM

GENETICS

Proposed new notation for the In(Lu) modifying gene. Marsh WL, et al. **Transfusion** 1984 Sep-Oct;24(5):371-2

Proposed new notation for In(Lu) modifying gene--another view. Shaw MA, et al. **Transfusion** 1985 Mar-Apr; 25(2):170-1 (13 ref.)

IMMUNOLOGY

Transfusion problems in renal allograft recipients. Anti-lymphocyte globulin showing Lutheran system specificity. Anderson HJ, et al. **Transfusion** 1985 Jan-Feb; 25(1):47-50

LUTROPIN see **LH**

LUTZOMYIA see **PSYCHODIDAE**

LY ANTIGENS see **ANTIGENS, LY**

LYASES

Evidence for the presence of an essential arginine residue in photoreactivating enzyme from Streptomyces griseus. Eker AP. **Biochem J** 1985 Jul 15;229(2):469-76

ADVERSE EFFECTS

[Skin complications of mesotherapy (2 cases)] Guillaume JC, et al. **Ann Dermatol Venereol** 1984;111(8):701-2 **(Fre)**

ANALYSIS

A radioisotope assay for 1-aminocyclopropane-1-carboxylic acid synthase: S-adenosylhomocysteine analogs as inhibitors of the enzyme involved in plant senescence. Miura GA, et al. **Anal Biochem** 1985 May 15;147(1):217-21

Distribution of cysteine conjugate beta-lyase in gastrointestinal bacteria and in the environment. Larsen GL. **Xenobiotica** 1985 Mar;15(3):199-209

ANTAGONISTS & INHIBITORS

Studies on the inhibition of ferrochelatase by N-alkylated dicarboxylic porphyrins. Steric factors involved and evidence that the inhibition is reversible. De Matteis F, et al. **Biochem J** 1985 Mar 1;226(2):537-44

Partial transition-state inhibitors of glyoxalase I from human erythrocytes, yeast and rat liver. Douglas KT, et al. **Biochim Biophys Acta** 1985 May 20;829(1):109-18

Inhibition of protein A24 lyase by nitrosoureas. Markussen G, et al. **FEBS Lett** 1984 Oct 29;176(2):426-30

Assignment of ozone-sensitive tryptophan residue in tryptophanase by a dual-monitoring high-performance liquid chromatography system. Ida N, et al. **J Appl Biochem** 1985 Feb;7(1):38-42

Active site-directed modification of tryptophanase by 3-bromopyruvate. Honda T, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):851-7

Disruption of the purine nucleotide cycle by inhibition of adenylosuccinate lyase produces skeletal muscle dysfunction. Swain JL, et al. **J Clin Invest** 1984 Oct; 74(4):1422-7

[Effect of low doses of lead and cadmium on glyoxalase I and glyoxalase II activities of the liver and brain of rats] Winter R, et al. **Med Pr** 1984;35(3):177-83 (Eng. Abstr.) **(Pol)**

BIOSYNTHESIS

Effect of glucose on induction of delta-aminolevulinic acid synthase, ferrochelatase and cytochrome P-450 hemoproteins in isolated rat hepatocytes by phenobarbital and lead. Cánepa ET, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):186-94

Tryptophanase synthesis in Escherichia coli: the role of indole replacement in supplying tryptophan and the nature of the constitutive mutation tnaR3. Edwards RM, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1535-42

Reversibility of arginine-specific mono(ADP-ribosyl)ation: identification in erythrocytes of an ADP-ribose-L-arginine cleavage enzyme. Moss J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5603-7

BLOOD

Purification and characterization of chicken erythrocyte ferrochelatase. Hanson JW, et al. **Biochem J** 1984 Sep 15; 222(3):695-700

Influence of therapeutic radiation on serum enzyme levels in patients with cancer of thoracic oesophagus. Nyandieka HS. **Indian J Med Res** 1984 Jun;79:797-800

[Determination of glyoxalase I in blood stains] Zaretskaia EF. **Sud Med Ekspert** 1984 Oct-Dec;27(4):38-40 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Ferrochelatase deficiency in the bone marrow in a syndrome of congenital hypochromic microcytic anemia, hyperferremia, and iron overload of the liver. Stavem P, et al. **Scand J Gastroenterol [Suppl]** 1985;107:73-81

Ferrochelatase deficiency of the bone marrow in a syndrome of congenital microcytic anaemia with iron overload of the liver and hyperferraemia. Stavem P, et al. **Scand J Haematol** 1985 Feb;34(2):204-6

GENETICS

Factor B (Bf) and glyoxalase genes in insulin-dependent diabetes mellitus. Allannic H, et al. **Diabete Metab** 1985 Feb;11(1):22-6

Polymorphism of red cell glyoxalase I in Serbia, Yugoslavia. Kalimanovska V, et al. **Hum Hered** 1985;35(2):120-2

Genetic polymorphism of glutamate-pyruvate transaminase and glyoxalase I in Colombia. Lanchbury JS, et al. **Hum Hered** 1984;34(4):222-5

No association between GLO I and Hp in the Austrian population. Pausch V, et al. **Hum Hered** 1985;35(2):111-2

Expression of a Saccharomyces cerevisiae photolyase gene in Escherichia coli. Sancar GB. **J Bacteriol** 1985 Feb; 161(2):769-71

Separate regulation of purA and purB loci of Escherichia coli K-12. Wolfe SA, et al. **J Bacteriol** 1985 May; 162(2):822-5

Expression of an Escherichia coli phr gene in the yeast Saccharomyces cerevisiae. Langeveld SA, et al. **MGG** 1985;199(3):396-400

Cloning and mapping of Saccharomyces cerevisiae photoreactivation gene PHR1. Schild D, et al. **Mol Cell Biol** 1984 Sep;4(9):1864-70

ISOLATION & PURIFICATION

Dehydroquinate synthase from Escherichia coli: purification, cloning, and construction of overproducers of the enzyme. Frost JW, et al. **Biochemistry** 1984 Sep 11;23(19):4470-5

Purification and characterization of selenocysteine beta-lyase from Citrobacter freundii. Chocat P, et al. **J Bacteriol** 1985 Aug;163(2):669-76

O-Acetylhomoserine sulfhydrylase of the fission yeast Schizosaccharomyces pombe: partial purification, characterization, and its probable role in homocysteine biosynthesis. Yamagata S. **J Biochem (Tokyo)** 1984 Nov; 96(5):1511-23

[Purification of homogeneous gamma-cystathionase and study of its structure by circular dichroism] Lupu EI, et al. **Mol Biol (Mosk)** 1985 Jan-Feb;19(1):67-74 (Eng. Abstr.) **(Rus)**

METABOLISM

Synthesis of S-(carboxymethyl)-D-cysteine by 3-chloro-D-alanine chloride-lyase of pseudomonas putida CR 1-1. Nagasawa T, et al. **Appl Biochem Biotechnol** 1983 Dec;8(6):481-9

Photoreactivation of UV-irradiated Legionella pneumophila and other Legionella species. Knudson GB. **Appl Environ Microbiol** 1985 Apr;49(4):975-80

Mechanism of reactions catalyzed by selenocysteine beta-lyase. Esaki N, et al. **Arch Biochem Biophys** 1985 May 1;238(2):418-23

Characterization of methylglyoxal synthase in Saccharomyces cerevisiae. Murata K, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):190-8

Cysteine conjugate beta-lyase activities in rat kidney cortex: subcellular localization and relationship to the hepatic enzyme. Stevens JL. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):499-504

The conversion of L-cystathionine into the cyclic ketimine form by heated rat liver extracts containing cystathionase and transaminase activities. Cavallini D, et al. **Biochem Int** 1985 Apr;10(4):641-6

Effect of L-propargylglycine on metabolism of sulfur-containing amino acids in pregnant rats and their fetuses. Sasaki K, et al. **Biochem Int** 1985 Feb;10(2):165-75

Differential interaction of porphyrins used in photoradiation therapy with ferrochelatase. Dailey HA, et al. **Biochem J** 1984 Oct 15;223(2):441-5

Spectroscopic examination of the active site of bovine ferrochelatase. Dailey HA. **Biochemistry** 1985 Mar 12; 24(6):1287-91

Orientation of ferrochelatase in bovine liver mitochondria. Harbin BM, et al. **Biochemistry** 1985 Jan 15;24(2):366-70

Identification of oligothymidylates as new simple substrates for Escherichia coli DNA photolyase and their use in a rapid spectrophotometric enzyme assay. Jorns MS, et al. **Biochemistry** 1985 Apr 9;24(8):1856-61

Interactions of tryptophan synthase, tryptophanase, and pyridoxal phosphate with oxindolyl-L-alanine and 2,3-dihydro-L-tryptophan: support for an indolenine intermediate in tryptophan metabolism. Phillips RS, et al. **Biochemistry** 1984 Dec 4;23(25):6228-34

Binding of Escherichia coli DNA photolyase to UV-irradiated DNA. Sancar GB, et al. **Biochemistry** 1985 Apr 9;24(8):1849-55

Trapping of reactive intermediates in enzymology. Exogenous flavin reduction during catalytic turnover of substrate by glyoxalase I. Douglas KT, et al. **Biochim Biophys Acta** 1985 May 20;829(1):119-26

Kinetics of tryptophanase inactivation/activation by sudden removal/addition of potassium ions with the aid of a crown ether or cryptand. Behbahani-Nejad I, et al. **Curr Top Cell Regul** 1984;24:219-28

Functional role of cysteinyl residues in tryptophanase. Nihira T, et al. **Eur J Biochem** 1985 May 15;149(1):129-33

SAMP lyase and AMP deaminase activity in rat parenchymal and kupffer cells in hepatocarcinogenesis. Smith LD, et al. **Int J Biochem** 1984;16(9):985-90

Effect of ascorbic and dehydroascorbic acid on glyoxalase enzyme system. Liotti FS, et al. **Int J Vitam Nutr Res** 1985; 55(2):193-5

Dichloromethane dehalogenase of Hyphomicrobium sp. strain DM2. Kohler-Staub D, et al. **J Bacteriol** 1985 May; 162(2):676-81

Acid-base catalysis in the argininosuccinate lyase reaction. Garrard LJ, et al. **J Biol Chem** 1985 May 10;260(9):5548-53

Isolation and characterization of a rat liver enzyme with both cysteine conjugate beta-lyase and kynureninase activity. Stevens JL. **J Biol Chem** 1985 Jul 5;260(13):7945-50

Separation of haem compounds by reversed-phase ion-pair high-performance liquid chromatography and its application in the assay of ferrochelatase activity. Tangerås A. **J Chromatogr** 1984 Sep 14;310(1):31-9

Mode of action of steroid desmolase and reductases synthesized by Clostridium 'scindens' (formerly Clostridium strain 19). Winter J, et al. **J Lipid Res** 1984 Oct;25(10):1124-31

Ferrochelatase and N-alkylated porphyrins. Cole SP, et al. **Mol Cell Biochem** 1984 Sep;64(2):127-37 (111 ref.)

Suicidal destruction of cytochrome P-450 and reduction of ferrochelatase activity by 3,5-diethoxycarbonyl-1,4-dihydro-2,4,6-trimethylpyridine and its analogues in chick embryo liver cells. Marks GS, et al. **Mol Pharmacol** 1985 Apr;27(4):459-65

An action spectrum of photoreactivating enzyme from sea urchin eggs. Shiroya T, et al. **Photochem Photobiol** 1984 Dec;40(6):749-51

Escherichia coli DNA photolyase stimulates uvrABC excision nuclease in vitro. Sancar A, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7397-401

[Interrelation of the morphofunctional characteristics of the erythron and heme-synthesizing enzyme activity during heat exposure] Varypaeva LP, et al. **Fiziol Zh SSSR** 1985 May;71(5):625-30 (Eng. Abstr.) **(Rus)**

[Effect of monovalent cations on the catalytic and spectral properties of tyrosine-phenol-lyase from Citrobacter intermedius] Miagkikh IV, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):671-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effect of glyoxalase I on the metabolism of 4,5-dioxovaleric acid. Stafforini DM, et al. **Biochim Biophys Acta** 1985 Apr 17;839(2):191-8

Microinjected photoreactivating enzymes from Anacystis and Saccharomyces monomerize dimers in chromatin of human cells. Zwetsloot JC, et al. **Mutat Res** 1985 Jul;146(1):71-7

PHYSIOLOGY

Repair of nonreplicating UV-irradiated DNA: cooperative dark repair by Escherichia coli uvr and phr functions. Hays JB, et al. **J Bacteriol** 1985 Feb;161(2):602-8

RADIATION EFFECTS

Modifying factors of the cellular concentration of photolyase molecules in Saccharomyces cerevisiae--II. Effects of preillumination with light flashes. Fukui A, et al. **Photochem Photobiol** 1984 Aug;40(2):227-30

THERAPEUTIC USE

[Enzyme therapy of tumors] Berezov TT. **Vestn Akad Med Nauk SSSR** 1984;(8):11-24 (Eng. Abstr.) **(Rus)**

LYCINE see **BETAINE**

LYCOREMINE see **GALANTHAMINE**

LYE see under **CAUSTICS**

LYELL'S SYNDROME see **EPIDERMAL NECROLYSIS, TOXIC**

LYING

Telling ingratiating lies: effects of target sex and target attractiveness on verbal and nonverbal deceptive success. DePaulo BM, et al. **J Pers Soc Psychol** 1985 May; 48(5):1191-203

Remarks on telling the truth or lying. Türkel J. **Med Law** 1985;4(1):91-3

LYME DISEASE

Update on Lyme disease. Harris PL. **J Arkansas Med Soc** 1984 Sep;81(4):219-20

Erythema chronicum migrans and Lyme disease. Hurwitz S. **Pediatr Dermatol** 1985 Jul;2(4):266-74

First International Symposium on Lyme Dis. Yale University, November 16-18, 1983. **Yale J Biol Med** 1984 Jul-Aug; 57(4):445-713

[Lyme disease--another tick-borne disease in Austria] Smolen JS. **Wien Klin Wochenschr** 1984 Nov 23; 96(22):823-9 (Eng. Abstr.) **(Ger)**

BLOOD

Failure to detect endotoxin in sera from patients with Lyme disease [letter] Schmid GP, et al. **J Infect Dis** 1984 Oct; 150(4):616

COMPLICATIONS

Fatal pancarditis in a patient with coexistent Lyme disease and babesiosis. Demonstration of spirochetes in the myocardium. Marcus LC, et al. **Ann Intern Med** 1985 Sep; 103(3):374-6

Unilateral blindness caused by infection with the Lyme disease spirochete, Borrelia burgdorferi. Steere AC, et al. **Ann Intern Med** 1985 Sep;103(3):382-4

Lyme disease. A cause of bilateral facial paralysis. Glasscock ME 3d, et al. **Arch Otolaryngol** 1985 Jan;111(1):47-9

A case of Lyme disease with cardiac involvement in the Netherlands [letter] Houwerzyl J, et al. **Infection** 1984 Sep-Oct;12(5):358

Serological evidence for simultaneous occurrences of Lyme disease and babesiosis. Benach JL, et al. **J Infect Dis** 1985 Sep;152(3):473-7

The triad of neurologic manifestations of Lyme disease: meningitis, cranial neuritis, and radiculoneuritis. Pachner AR, et al. **Neurology** 1985 Jan;35(1):47-53

[Cardiac manifestations of Lyme disease. Apropos of 2 cases] Cornuau C, et al. **Ann Cardiol Angeiol (Paris)** 1984 Oct; 33(6):395-9 (Eng. Abstr.) **(Fre)**

[Chronic migratory erythema: Lyme disease?(letter)] Crovato F, et al. **G Ital Dermatol Venereol** 1984 Sep-Oct;119(5):368 **(Ita)**

[Lyme disease with AV-block in a woman after walking in the woods] Johansson B, et al. **Lakartidningen** 1984 Dec 12;81(50):4759 **(Swe)**

DIAGNOSIS

Clinical manifestations of erythema chronicum migrans Afzelius in 161 patients. A comparison with Lyme disease. Asbrink E, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):43-52

Diagnosing early Lyme disease. Shrestha M, et al. **Am J Med** 1985 Feb;78(2):235-40

Serologic testing for Lyme disease [editorial] Duffy J, et al. **Ann Intern Med** 1985 Sep;103(3):458

Lyme disease in Italy: first reported case [letter] Crovato F, et al. **Ann Rheum Dis** 1985 Aug;44(8):570-1

Lyme disease. **Del Med J** 1985 Jul;57(7):417

Caveats on using nonstandardized serologic tests for Lyme disease [letter] Wilkinson HW, et al. **J Clin Microbiol** 1985 Feb;21(2):291-2

Lyme disease: a case report from South Carolina. Taylor RD, et al. **J SC Med Assoc** 1985 Aug;81(8):419-20

Lyme disease in patients previously suspected of arbovirus infection [letter] Edlinger E, et al. **Lancet** 1985 Jul 13; 2(8446):93

Meningoradiculitis associated with infection by Borrelia burgdorferi [letter] Weill O, et al. **Lancet** 1985 Jun 15; 1(8442):1400-1

Ticks, spirochetes, and new diagnostic tests for Lyme disease. Mertz LE, et al. **Mayo Clin Proc** 1985 Jun;60(6):402-6

Atypical Lyme disease or forme fruste [clinical conference] Guandolo VL. **Md Med J** 1985 Jul;34(7):687-92

Lyme disease: commentary from Europe [letter] **Neurology** 1985 Sep;35(9):1393-5

Demyelinating encephalopathy in Lyme disease. Reik L Jr, et al. **Neurology** 1985 Feb;35(2):267-9

Lyme disease--a new rheumatologic disorder. Kantor SM. **Ohio State Med J** 1985 Jun;81(6):425-8

Lyme disease. The tick bite, the rash, and the sequelae. Schned ES, et al. **Postgrad Med** 1985 Apr;77(5):303-8, 310

Tick-borne meningopolyneuritis (Garin-Bujadoux, Bannwarth). Ackermann R, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):485-90

Lyme disease: a unique human model for an infectious etiology of rheumatic disease. Malawista SE, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):473-7

Neurological findings of Lyme disease. Pachner AR, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):481-3

Bannwarth's syndrome (lymphocytic meningoradiculitis) in Sweden. Ryberg B. **Yale J Biol Med** 1984 Jul-Aug; 57(4):499-503

The clinical spectrum and treatment of Lyme disease. Steere AC, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):453-64

Chronic meningitis and Lyme disease in Sweden. Stiernstedt GT, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):491-7

European erythema migrans disease and related disorders. Weber K, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):463-71

Immunodiagnostic tests for Lyme disease. Wilkinson HW. **Yale J Biol Med** 1984 Jul-Aug;57(4):567-72

[Lyme disease: a new zoonosis transmitted by ticks] Wang ZR. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun; 6(3):179-81 (23 ref.) **(Chi)**

[Lyme disease in Finland] Kovanen J, et al. **Duodecim** 1985; 101(12):1206-11 (Eng. Abstr.) **(Fin)**

[Diagnosis of erythema migrans disease (Lyme disease)] Wörth WD. **Dtsch Med Wochenschr** 1985 Sep 6; 110(36):1377-9 **(Ger)**

[Etiology of erythema migrans disease and Lyme disease. Review and results of personal study] Neubert U. **Hautarzt** 1984 Nov;35(11):563-70 (Eng. Abstr.) **(Ger)**

[Clinical aspects and etiology of acrodermatitis chronica atrophicans] Weber K, et al. **Hautarzt** 1984 Nov; 35(11):571-7 (Eng. Abstr.) **(Ger)**

[Jarisch-Herxheimer reaction in erythema migrans disease] Weber K. **Hautarzt** 1984 Nov;35(11):588-90 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Successful parenteral penicillin therapy of established Lyme arthritis. Steere AC, et al. **N Engl J Med** 1985 Apr 4; 312(14):869-74

Susceptibility of the Lyme disease spirochete to seven antimicrobial agents. Johnson SE, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):549-53

[Therapy of erythema migrans disease (Lyme disease)] Wörth WD. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1379-80 **(Ger)**

ETIOLOGY

Differences between Lyme disease and European arthropod-borne Borrelia infections [letter] Stanek G, et al. **Lancet** 1985 Feb 16;1(8425):401

[Tick-borne Spirochaetales infection of Lyme (Lyme disease)] Januszkiewicz J. **Przegl Epidemiol** 1984; 38(4):445-8 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

Lyme disease in a 12-year-old girl. Sturfelt G, et al. **Acta Paediatr Scand** 1985 Jan;74(1):133-6

Cellular immune findings in Lyme disease. Correlation with serum IgM and disease activity. Moffat CM, et al. **Am J Med** 1984 Oct;77(4):625-32

Lyme disease: a review. Martínez-Díaz J, et al. **Bol Asoc Med PR** 1984 Nov;76(11):473-6 (22 ref.)

Interleukin 1 and cartilage damage: a possible role in Lyme arthritis? [letter] Fumarola D. **Cell Immunol** 1985 Sep; 94(2):619-20

Saturable, high-avidity monocyte receptors for monomeric IgG and Fc fragments increase in SLE and lyme disease. Hardin JA, et al. **Clin Exp Rheumatol** 1983 Oct-Dec; 1(4):327-32

Comparison of an indirect fluorescent-antibody test with an enzyme-linked immunosorbent assay for serological studies of Lyme disease. Magnarelli LA, et al. **J Clin Microbiol** 1984 Aug;20(2):181-4

Lyme disease spirochetes induce human and murine interleukin 1 production. Habicht GS, et al. **J Immunol** 1985 May;134(5):3147-54

Interactions of phagocytes with the Lyme disease spirochete: role of the Fc receptor. Benach JL, et al. **J Infect Dis** 1984 Oct;150(4):497-507

HLA-DR in meningopolyneuritis of Garin-Bujadoux-Bannwarth: contrast to Lyme disease? Kristoferitsch W, et al. **J Neurol** 1984;231(5):271-2

Immunochemical analysis of Lyme disease spirochetes. Barbour AG. **Yale J Biol Med** 1984 Jul-Aug;57(4):581-6

Phagocytic cell responses to in vivo and in vitro exposure to the Lyme disease spirochete. Benach JL, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):599-605

The antibody response in Lyme disease. Craft JE, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):561-5

The pathogenesis of arthritis in Lyme disease: humoral immune responses and the role of intra-articular immune complexes. Hardin JA, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):589-93

Cellular immune findings in Lyme disease. Sigal LH, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):595-8

MICROBIOLOGY

Experimental Lyme disease in rabbits: spirochetes found in erythema migrans and blood. Kornblatt AN, et al. **Infect Immun** 1984 Oct;46(1):220-3

Human phagocyte interactions with the Lyme disease spirochete. Peterson PK, et al. **Infect Immun** 1984 Nov; 46(2):608-11

Genetic relationship of lyme disease spirochetes to Borrelia, Treponema, and Leptospira spp. Hyde FW, et al. **J Clin Microbiol** 1984 Aug;20(2):151-4

Infection of Syrian hamsters with Lyme disease spirochetes. Johnson RC, et al. **J Clin Microbiol** 1984 Dec; 20(6):1099-101

DNA characterization of the spirochete that causes Lyme disease. Schmid GP, et al. **J Clin Microbiol** 1984 Aug; 20(2):155-8

Heterogeneity of major proteins in Lyme disease borreliae: a molecular analysis of North American and European isolates. Barbour AG, et al. **J Infect Dis** 1985 Sep; 152(3):478-84

Isolation of the Lyme disease spirochete from mammals in Minnesota. Loken KI, et al. **Proc Soc Exp Biol Med** 1985 Jul;179(3):300-2

A single recombinant plasmid expressing two major outer surface proteins of the Lyme disease spirochete. Howe TR, et al. **Science** 1985 Feb 8;227(4687):645-6

Ixodes ricinus spirochete and European erythema chronicum migrans disease. Ackermann R, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):573-80

Isolation and cultivation of Lyme disease spirochetes. Barbour AG. **Yale J Biol Med** 1984 Jul-Aug;57(4):521-5

Ultrastructure of spirochetes isolated from Ixodes ricinus and Ixodes dammini. Hovind-Hougen K. **Yale J Biol Med** 1984 Jul-Aug;57(4):543-8

Taxonomy of the Lyme disease spirochetes. Johnson RC, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):529-37

DNA characterization of Lyme disease spirochetes. Schmid GP, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):53[illegible] 42

Recovery of Lyme disease spirochetes from patients. Steere AC, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):557-60

OCCURRENCE

Epidemiology of juvenile arthritis in Rochester, Minnesota [letter] Schned ES. **Arthritis Rheum** 1985 Feb;28(2):239

Identification of endemic foci of Lyme disease: isolation of Borrelia burgdorferi from feral rodents and ticks (Dermacentor variabilis). Anderson JF, et al. **J Clin Microbiol** 1985 Jul;22(1):36-8

Incidence and cumulative frequency of endemic Lyme disease in a community. Hanrahan JP, et al. **J Infect Dis** 1984 Oct;150(4):489-96

Surveillance of Lyme disease in the United States, 1982. Schmid GP, et al. **J Infect Dis** 1985 Jun;151(6):1144-9

Leads from the MMWR. Update: Lyme disease and cases occurring during pregnancy. **JAMA** 1985 Aug 9; 254(6):736-7, 741

Update: Lyme disease and cases occurring during pregnancy--United States. **MMWR** 1985 Jun 28; 34(25):376-8, 383-4

The global distribution of Lyme disease. Schmid GP. **Rev Infect Dis** 1985 Jan-Feb;7(1):41-50 (91 ref.)

Lyme disease in New Jersey, 1978-1982. Bowen GS, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):661-8

Lyme disease in Wisconsin: epidemiologic, clinical, serologic, and entomologic findings. Davis JP, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):685-96

Epidemiologic features of Lyme disease in New York. Hanrahan JP, et al. **Yale J Biol Med** 1984 Jul-Aug; 57(4):643-50

Geographic distribution of humans, raccoons, and white-footed mice with antibodies to Lyme disease spirochetes in Connecticut. Magnarelli LA, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):619-26

Lyme disease in Minnesota: epidemiologic and serologic findings. Osterholm MT, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):677-83

The global distribution of Lyme disease. Schmid GP. **Yale J Biol Med** 1984 Jul-Aug;57(4):617-8

PATHOLOGY

Lyme arthritis. Spirochetes found in synovial microangiopathic lesions. Johnston YE, et al. **Am J Pathol** 1985 Jan;118(1):26-34

PREVENTION & CONTROL

Update on article on Lyme disease. Rubin BR. **J Am Osteopath Assoc** 1984 Sep;84(1):3-4

RADIOGRAPHY

Lyme arthritis: radiologic findings. Lawson JP, et al. **Radiology** 1985 Jan;154(1):37-43

RADIONUCLIDE IMAGING

Lyme myocarditis diagnosed by gallium scan. Jacobs JC, et al. **J Pediatr** 1984 Dec;105(6):950-2

TRANSMISSION

Mice as reservoirs of the Lyme disease spirochete. Levine JF, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):355-60

Maternal-fetal transmission of the Lyme disease spirochete, Borrelia burgdorferi. Schlesinger PA, et al. **Ann Intern Med** 1985 Jul;103(1):67-8

Ecology of Ixodes dammini-borne human babesiosis and Lyme disease. Spielman A, et al. **Annu Rev Entomol** 1985; 30:439-60 (113 ref.)

Experimental transmission of the Lyme disease spirochete to rabbits [letter] Benach JL, et al. **J Infect Dis** 1984 Nov; 150(5):786-7

The role of adult Ixodes dammini (Acari: Ixodidae) in the transmission of Lyme disease in New Jersey, USA. Schulze TL, et al. **J Med Entomol** 1985 Jan 18;22(1):88-93

Avian and mammalian hosts for spirochete-infected ticks and insects in a Lyme disease focus in Connecticut. Anderson JF, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):627-41

Prevalence of the Lyme disease spirochete in populations of white-tailed deer and white-footed mice. Bosler EM, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):651-9

Discovery of the Lyme disease spirochete and its relation to tick vectors. Burgdorfer W. **Yale J Biol Med** 1984 Jul-Aug;57(4):515-20

The New Zealand white rabbit: an experimental host for infecting ticks with Lyme disease spirochetes. Burgdorfer W. **Yale J Biol Med** 1984 Jul-Aug;57(4):609-12

Infection in rabbits with the Lyme disease spirochete. Kornblatt AN, et al. **Yale J Biol Med** 1984 Jul-Aug; 57(4):613-6

Geographical distribution and density of Ixodes dammini (Acari: Ixodidae) and relationship to Lyme disease transmission in New Jersey. Schulze TL, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):669-75

Vectorial capacity of North American Ixodes ticks. Spielman A, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):507-13

Effect of deer reduction on abundance of the deer tick (Ixodes dammini). Wilson ML, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):697-705

VETERINARY

Arthritis caused by Borrelia burgdorferi in dogs. Kornblatt AN, et al. **J Am Vet Med Assoc** 1985 May 1;186(9):960-4

LYMECYCLINE see under **TETRACYCLINES**

LYMNAEA

Laboratory observations of the actions of Glinus lotoides (Fam. Aizoacea) fruit on snail hosts of Fasciola and Schistosoma in Kenya. Broberg G, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):663

Verification of the membrane hypothesis of aging on the identified giant neurons of the snail Lymnaea stagnalis L. (Gastropoda, Pulmonata) by a combined application of intracellular electrophysiology and X-ray microanalysis. Nagy I, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):53-66

DRUG EFFECTS

Direct effects of the hyperglycemic factor of the freshwater snail Lymnaea stagnalis on isolated glycogen cells. Hemminga MA, et al. **Gen Comp Endocrinol** 1985 Apr; 58(1):131-6

[Characteristics of plastic metabolism and inorganic phosphorus absorption in Lymnaea stagnalis L. in prolonged exposure to a toxic agent] Parina OV, et al. **Biol Nauki** 1985;(3):65-71 (Eng. Abstr.) **(Rus)**

GENETICS

Evidence for genetic influences on neurotransmitter content of identified neurones of Lymnaea stagnalis. Audesirk G, et al. **Comp Biochem Physiol [C]** 1985;81(1):57-60

IMMUNOLOGY

Characterisation of multiple immunoreactive neurons in the central nervous system of the pond snail Lymnaea stagnalis with different fixatives and antisera adsorbed with the homologous and the heterologous antigens. Schot LP, et al. **Histochemistry** 1984;81(4):373-8

A comparative study on the internal defence system of juvenile and adult Lymnaea stagnalis. Dikkeboom R, et al. **Immunology** 1985 Jul;55(3):547-53

Search for shared antigens in the schistosome-snail combination Trichobilharzia ocellata-Lymnaea stagnalis. van der Knaap WP, et al. **Z Parasitenkd** 1985;71(2):219-26

METABOLISM

Heterogeneity of peptides released by electrically active neuroendocrine caudodorsal cells of Lymnaea stagnalis. Geraerts WP, et al. **Brain Res** 1985 Apr 1;331(1):51-61

Effect of copper sulphate on respiration, electron transport, and redox potential in the digestive gland of the snail host, Lymnaea luteola. Babu GR, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):396-402

The hyperglycemic factor of the CNS of the freshwater snail Lymnaea stagnalis: interaction with glucose stimulation of glycogen synthesis and evidence for its release during anaerobiosis. Hemminga MA, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):301-7

The effects of water acidity and seasonal variability on the distribution of 241Am in the freshwater snail Lymnaea stagnalis L. Thiels GM, et al. **Health Phys** 1984 Sep; 47(3):485-7

Localisation of histamine-immunoreactivity in specific neurones of the gastropod CNS including a cell which has been identified as histaminergic. Osborne NN, et al. **Histochemistry** 1984;81(2):207-8

PARASITOLOGY

The occurrence of the snail Lymnaea columella on grazing areas in New South Wales and studies on its susceptibility to Fasciola hepatica. Boray JC, et al. **Aust Vet J** 1985 Jan; 62(1):4-6

Experimental infection of Lymnaea glabra and L. truncatula by Fasciola hepatica. Bouix-Busson D, et al. **J Parasitol** 1984 Oct;70(5):847-8

The non-specificity of the generalized amoebocytic reaction in Lymnaea truncatula infected by Fasciola hepatica. Rondelaud D, et al. **J Parasitol** 1984 Dec;70(6):1002-3

In vitro culture of intramolluscan stages of the avian schistosome Trichobilharzia ocellata. Mellink JJ, et al. **Z Parasitenkd** 1985;71(3):337-51

PHYSIOLOGY

Biology, life-tables, and intrinsic rates of increase of Bulinus globosus Morelet and Lymnea natalensis Kraus (Gastropoda: Pulmonata)--the snail intermediate hosts of Schistosoma haematobium and Fasciola gigantica, respectively, in Southeastern Nigeria. Iheagwam EU, et al. **Beitr Trop Landwirtsch Veterinarmed** 1984;22(4):429-34

Opposing roles for D-1 and D-2 dopamine receptors in regulating the excitability of growth hormone-producing cells in the snail Lymnaea stagnalis. Stoof JC, et al. **Eur J Pharmacol** 1984 Nov 13;106(2):431-5

Environmental and hormonal control of the seasonal egg laying period in field specimens of Lymnaea stagnalis. Dogterom GE, et al. **Gen Comp Endocrinol** 1985 Jan; 57(1):37-42

Neuroendocrine control of glycogen mobilization in the freshwater snail Lymnaea stagnalis. Hemminga MA, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):117-23

Membrane mechanism of neuroendocrine caudo-dorsal cell inhibition by the ring neuron in the pond snail Lymnaea stagnalis. Jansen RF, et al. **J Neurobiol** 1985 Jan;16(1):15-26

Ring neuron control of columellar motor neurons during egg-laying behavior in the pond snail. Jansen RF, et al. **J Neurobiol** 1985 Jan;16(1):1-14

Two-component desensitization of nicotinic receptors induced by acetylcholine agonists in Lymnaea stagnalis neurones. Andreev AA, et al. **J Physiol (Lond)** 1984 Aug; 353:375-91

LYMPH

Interstitial lymphoscintigraphy for diagnosis of lymphocele. Patel BR, et al. **Clin Nucl Med** 1985 Mar;10(3):175-6

Scrotal lymphocele: a complication of renal transplant surgery. Dierks PR, et al. **J Ultrasound Med** 1985 Feb; 4(2):91-2

[Lymphosorption in the complex treatment of destructive pancreatitis] Babichev SI, et al. **Khirurgiia (Mosk)** 1985 May;(5):100-5 (Eng. Abstr.) **(Rus)**

[Methods of collecting samples of human peripheral lymph] Tsyb AF, et al. **Klin Khir** 1985 Feb;(2):59-60 **(Rus)**

[Removal of bile acids by the method of hemosorption and lymphosorption in patients with extrahepatic cholestasis] Lur'e BL, et al. **Sov Med** 1984;(12):36-9 (Eng. Abstr.) **(Rus)**

[Lymphohemosorption--a new method of detoxication] Novikov IuG, et al. **Vestn Khir** 1984 Aug;133(8):127-30 **(Rus)**

ANALYSIS

Pulmonary dysfunction secondary to soft-tissue endotoxin. Wenger H, et al. **Arch Surg** 1985 Feb;120(2):159-65

The distribution of cholesterol and apoprotein A-I between the lipoproteins in plasma and peripheral lymph from normal human subjects. Rudra DN, et al. **Atherosclerosis** 1984 Dec;53(3):297-308

Collateral arterial formation. Lymph draining ischemic kidneys contains a neovascular stimulating agent of high molecular weight. Hollenberg NK, et al. **Invest Radiol** 1985 Jan-Feb;20(1):58-61

Surfactants identified in lung lymph and their ability to act as abhesives. Hills BA, et al. **J Appl Physiol** 1985 Feb; 58(2):514-20

Isoforms of apolipoprotein A-II in human plasma and thoracic duct lymph. Identification of proapolipoprotein A-II and sialic acid-containing isoforms. Lackner KJ, et al. **J Biol Chem** 1985 Jan 25;260(2):703-6

Characterization of apolipoprotein A-IV complexes and A-IV isoforms in human lymph and plasma lipoproteins. Ohta T, et al. **J Biol Chem** 1984 Dec 10;259(23):14888-93

Distribution of apolipoproteins A-I and B among intestinal lipoproteins. Alpers DH, et al. **J Lipid Res** 1985 Jan; 26(1):1-10

The positional distributions of fatty acids in the triacylglycerols and phosphatidylcholines of the intestinal and popliteal lymph and plasma of sheep. Christie WW, et al. **Lipids** 1984 Dec;19(12):982-6

[The composition of lymph] Zöltzer H, et al. **Z Lymphol** 1985 Jun;9(1):3-13 (153 ref.) **(Ger)**

[Amino acid composition of the lymph and blood in allergic transformations of the body] Minnebaev MM, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):92-4 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of plasma lipoproteins and mesenteric lymph in the rabbit: spectrum and chemical properties] Denisenko AD, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):65-72 (Eng. Abstr.) **(Rus)**

CYTOLOGY

The shedding of viable cells into the local lymph by tumours growing in the gut of rats. Gyure LA, et al. **Br J Cancer** 1985 Mar;51(3):379-82

Afferent lymph and lymph borne cells: their influence on lymph node function. Drayson MT, et al. **Immunobiology** 1984 Dec;168(3-5):362-79

Veiled cells--'dendritic cells' of the peripheral lymph. Knight SC. **Immunobiology** 1984 Dec;168(3-5):349-61 (48 ref.)

Heterogeneity amongst lymph-borne 'dendritic' cells. MacPherson GG, et al. **Immunobiology** 1984 Dec; 168(3-5):338-48 (35 ref.)

Lymphocyte emigration from lymph nodes by blood in the pig and efferent lymph in the sheep. Binns RM, et al. **Immunology** 1985 Jan;54(1):105-11

ENZYMOLOGY

Creatine kinase and phosphorylase in cardiac lymph: coronary occlusion and reperfusion. Michael LH, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H350-9

Enzyme transfer from pancreas to plasma during acute pancreatitis. The contribution of ascitic fluid and lymphatic drainage of the pancreas. Mayer AD, et al. **Gut** 1985 Sep; 26(9):876-81

Lysozyme concentrations in synovial fluid, pleural fluid and thoracic duct lymph in rheumatoid arthritis. Klockars M, et al. **Scand J Rheumatol** 1985;14(1):69-75

IMMUNOLOGY

Lymphocytes migration into membrane filters: divergent effects of syngeneic mouse serum and lymph. de Miranda JL, et al. **Ann Immunol (Paris)** 1984 Nov-Dec; 135D(3):271-81

The effect of adjuvants and prior immunization on the rate and mode of uptake of antigen into afferent popliteal lymph from sheep. Beh KJ, et al. **Immunology** 1985 Mar; 54(3):487-95

The antibody-containing cell response of the lamina propria of the sheep and the uptake of soluble antigen into afferent ileal lymph following intra-intestinal infusion of soluble or particulate antigen. Beh KJ. **Immunology** 1985 Mar; 54(3):479-85

Transfer of specific immunosuppression of graft rejection using lymph from tolerant liver-grafted rats. Kamada N. **Immunology** 1985 Jun;55(2):241-7

Role of resident macrophages, peripheral neutrophils, and translymphatic absorption in bacterial clearance from the peritoneal cavity. Dunn DL, et al. **Infect Immun** 1985 Aug; 49(2):257-64

Manifestations of resistance to ovine ostertagiasis associated with immunological responses in the gastric lymph. Smith WD, et al. **J Comp Pathol** 1984 Oct;94(4):591-601

Resistance to Haemonchus contortus transferred between genetically histocompatible sheep by immune lymphocytes. Smith WD, et al. **Res Vet Sci** 1984 Sep;37(2):199-204

METABOLISM

Effect of soy protein and casein intake on intestinal absorption and lymphatic transport of cholesterol and oleic acid. Vahouny GV, et al. **Am J Clin Nutr** 1984 Dec; 40(6):1156-64

Binding protein for vitamin D and its metabolites in rat mesenteric lymph. Dueland S, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E1-5

Isoniazid plasma and lymph kinetics after intravenous injection in dogs. Blanc M, et al. **Arzneimittelforsch** 1984; 34(10):1283-8

The measurement of the oxygen tension of lymph in conscious sheep. Cheung K, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):661-70

Isoform heterogeneity and lipid affinity of human lymph and plasma apolipoprotein A-IV. Weinberg RB, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):576-83

Fluosol-DA causes pulmonary hypertension and increased lung lymph flow in unanesthetized sheep. O'Brodovich H, et al. **Clin Invest Med** 1985;8(1):[illegible]-21

Temocillin penetration of peripheral lymph. Bergan T, et al. **Drugs** 1985;29 Suppl 5:114-[illegible]

Passage of uncharged dextrans from blood to lung lymph in awake sheep. Lanken PN, et al. **J Appl Physiol** 1985 Aug;59(2):580-91

Heterogeneity of dog interstitial fluid (peripheral lymph) high density lipoproteins: implications for a role in reverse cholesterol transport. Dory L, et al. **J Lipid Res** 1985 May; 26(5):519-27

The origin of cholesterol in the mesenteric lymph of the rat. Stange EF, et al. **J Lipid Res** 1985 Feb;26(2):175-84

Quantitation of fat and cholesterol transport in the mesenteric lymph and bile of the preruminant calf. Davis LD, et al. **J Nutr** 1985 Apr;115(4):436-44

Cholesterol transport in mesenteric lymph of the preruminant calf: contribution of cholesterol transposition from blood to lymph. Davis LD, et al. **J Nutr** 1985 Apr;115(4):445-53

Comparison of disappearance from blood and lymphatic delivery of human fibroblast interferon in rat by different administration routes. Yoshikawa H, et al. **J Pharmacobiodyn** 1985 Mar;8(3):206-10

Chemotactic activity of plasma and lung lymph in sheep with endotoxemia: effect of hydroxyl radical scavengers. Palder SB, et al. **J Surg Res** 1985 Feb;38(2):162-72

Transvascular fluid shift and thoracic duct lymph: analysis of lymph formation in the rat. Nose H, et al. **Jpn J Physiol** 1984;34(4):713-29

Polychlorinated biphenyl uptake and transport by lymph and plasma components. Busbee DL, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):116-22

Penetration of antibiotics into human peripheral lymph. Bergan T. **Scand J Infect Dis [Suppl]** 1985;44:41-5

[Comparison of the concentration of HCFU, tegafur and 5-FU in the thoracic duct lymph after oral administration of HCFU and tegafur] Matsumoto S, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1697-8 **(Jpn)**

[The distribution of cefotaxime in serum, lung lymph and lung tissue of sheep] Kobayashi T, et al. **Jpn J Antibiot** 1985 Jan;38(1):102-6 (Eng. Abstr.) **(Jpn)**

[Kallikrein-kinin system of the lymph in early post-resuscitation period] Minnebaev MM, et al. **Anesteziol Reanimatol** 1984 Nov-Dec;(6):45-7 (Eng. Abstr.) **(Rus)**

[Effect of various antibiotics on the circulation of proteins between the blood and lymph in macro-organisms] Polosova RG, et al. **Antibiotiki** 1984 Nov;29(11):830-4 (Eng. Abstr.) **(Rus)**

[Energy losses during therapeutic drainage of the thoracic duct] Alekseev AA, et al. **Vestn Khir** 1984 Oct; 133(10):118-22 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Lymphogenic resorption of microbes and the stimulation of lymph circulation in peritonitis] Minnebaev MM. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):72-4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Role of lymph flow in intestinal chylomicron transport. Tso P, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G21-8

Effect of venous hypertension on canine hind limb lymph. Leach RD, et al. **Br J Surg** 1985 Apr;72(4):275-8

Modification of lymph by sheep caudal mediastinal node: effect of intranodal endotoxin. Adair TH, et al. **J Appl Physiol** 1984 Nov;57(5):1597-601

Effect of outflow pressure on lung lymph flow in unanesthetized sheep. Drake R, et al. **J Appl Physiol** 1985 Jan;58(1):70-6

Effect of lymphatic cannula outflow height on lung microvascular permeability estimations. Laine GA, et al. **J Appl Physiol** 1984 Nov;57(5):1412-6

Intraluminal distension pressure on intestinal lymph flow, serosal transudation and fluid transport in the rat. Lee JS. **J Physiol (Lond)** 1984 Oct;355:399-409

Classics in lymphology. The Arris and Gale lectures on the physiological factors involved in the causation of dropsy. Lecture 2. The absorption of fluids from the connective tissue spaces. by Ernest H. Starling. **Lymphology** 1984 Dec; 17(4):124-9

Classics in lymphology. The Arris and Gale lectures on the physiological factors involved in the causation of dropsy. Lecture 1. The production of lymph. Ernest H. Starling. 1896. **Lymphology** 1984 Sep;17(3):83-8

Effect of increased systemic venous pressure on thoracic duct and peripheral lymph flow in dogs. Sakai T, et al. **Lymphology** 1985 Jun;18(2):64-7

Movements and the flow of lymph [letter] Casley-Smith JR. **Med Sci Sports Exerc** 1985 Aug;17(4):488-9

Effects of high frequency ventilation on lung lymph dynamics and prostaglandin generation. Van der Zee H, et al. **Respir Physiol** 1985 Jul;61(1):31-42

Peripheral lymph flow in sheep with bacterial peritonitis: evidence for increased peripheral microvascular permeability accompanying systemic sepsis. Avila A, et al. **Surgery** 1985 Jun;97(6):685-95

[Peritumor lymph flow] Nitze HR, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):37-9 (Eng. Abstr.) **(Ger)**

[Functional morphologic mechanisms of lymph transport] Castenholz A, et al. **Z Lymphol** 1985 Jun;9(1):14-20 (Eng. Abstr.) **(Ger)**

[Structural picture and mechanism of action of the 'initial lymph system'] Castenholz A. **Z Lymphol** 1984 Dec; 8(2):55-64 (Eng. Abstr.) **(Ger)**

[The formation of lymph] Hauck G. **Z Lymphol** 1984 Dec; 8(2):49-53 (Eng. Abstr.) **(Ger)**

[Experimental and clinical studies on the lymph flow of the esophagus—with special reference to the extra-mural lymph flow] Inatsu K. **Igaku Kenkyu** 1984 May; 54(5):535-56 (Eng. Abstr.) **(Jpn)**

[Clinical studies on the lymph flow of the stomach by radioisotope lymphography—with special reference to a comparison with lymph node metastasis of stomach cancer] Saihara T. **Igaku Kenkyu** 1984 May;54(5):447-71 (Eng. Abstr.) **(Jpn)**

[Rate of lymph flow and the protein-electrolyte composition of the lymph from the thoracic duct in experimental acholia] Minnebaev MM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):663-4 (Eng. Abstr.) **(Rus)**

[Lymph flow and accumulation of fluid in the lungs under increased capillary permeability] Simbirtsev SA, et al. **Fiziol Zh** 1984 Nov-Dec;30(6):696-701 (Eng. Abstr.) **(Rus)**

[Effect of an increase in blood osmotic pressure on the lymphodynamics of growing animals] Bazanova NU, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):932-6 (Eng. Abstr.) **(Rus)**

[Mechanism of changes in central lymphatic volume flow with increase of pressure in the left atrium] Musatova LP, et al. **Fiziol Zh SSSR** 1985 May;71(5):609-13 (Eng. Abstr.) **(Rus)**

[Lymph flow from the lungs in conditions of normal capillary permeability] Simbirtsev SA, et al. **Fiziol Zh SSSR** 1983 Jul;69(7):925-31 (Eng. Abstr.) **(Rus)**

[Disorder of the coagulating activity of afferent and efferent lymph from the popliteal lymph node in burn injury in dogs] Iaroshenko IF, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):17-20 (Eng. Abstr.) **(Rus)**

[Diagnosis of acute and chronic disorders of lymph outflow following injury by lymphography] Chepelenko GV. **Vestn Khir** 1985 Apr;134(4):78-83 (Eng. Abstr.) **(Rus)**

SECRETION

Lymph flow, lymph protein concentration, and protein output from rat small intestine. Lee JS. **Am J Physiol** 1985 Jun;248(6 Pt 1):G670-5

A case of water on the foot. Warren RA. **Arch Emerg Med** 1984 Dec;1(4):225-7

Thrombin-induced alterations in lung fluid balance in awake sheep. Lo SK, et al. **J Appl Physiol** 1985 May;58(5):1421-7

Traumatic lymphocele following renal transplantation. Roney PD, et al. **J Urol** 1985 Aug;134(2):322-3

LYMPH NODE EXCISION

Alterations in the CT image following retroperitoneal lymphadenectomy in early stage non-seminomatous testicular tumor. von Krogh J, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):187-91

Radiation therapy and surgery in the treatment of regional lymph nodes in squamous cell carcinoma of the vulva. Simonsen E, et al. **Acta Radiol [Oncol]** 1984;23(6):433-42

Lymph node metastases from well-differentiated thyroid cancer. A clinical review. McGregor GI, et al. **Am J Surg** 1985 May;149(5):610-2

Elective lymph node dissection in stage I melanoma—necessary or not? Adams CM, et al. **Am Surg** 1985 Sep;51(9):504-7 (31 ref.)

Wertheim radical hysterectomy. Surgical complications, accuracy of clinical staging and value of lymphangiography in cervical carcinoma. Kajanoja P, et al. **Ann Chir Gynaecol** 1985;74(2):94-7

The results of surgical treatment of cancer of the rectum by radical resection and extended abdomino-iliac lymphadenectomy. Glass RE, et al. **Br J Surg** 1985 Aug; 7(8):599-601

Patients with early breast cancer benefit from effective axillary treatment. Harris JR, et al. **Breast Cancer Res Treat** 1985;5(1):17-21

The role of lymph node dissection for clinical stage I malignant melanoma of intermediate thickness (1.51-3.99 mm). Elder DE, et al. **Cancer** 1985 Jul 15;56(2):413-8

The value of complete lymphadenectomy in radical treatment of cancer of the cervix, Stage IB. Kjorstad KE, et al. **Cancer** 1984 Nov 15;54(10):2215-9

Wertheim's radical hysterectomy with pelvic lymphadenectomy in the treatment of cervical carcinoma at the Obstetric and Gynecological Clinic of the University of Pisa. Facchini V, et al. **Eur J Gynaecol Oncol** 1985; 6(1):75-80

Anatomical and functional changes in the lower urinary tract after radical hysterectomy with lymph node dissection as studied by dynamic urethrocystography and simultaneous urethrocystometry. Westby M, et al. **Gynecol Oncol** 1985 Jul;21(3):261-76

A pilot study of adjuvant therapy in patients with cervical cancer at high risk of recurrence after radical hysterectomy and pelvic lymphadenectomy. Wertheim MS, et al. **J Clin Oncol** 1985 Jul;3(7):912-6

Malignant melanoma prognostic factors 7: elective lymph node dissection. Day CL Jr, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):233-9

Malignant melanoma and lymph nodes. Tritsch H. **J Dermatol Surg Oncol** 1985 May;11(5):500-4

Surgical treatment of patients with stages I and II nonseminomatous testicular cancer. Fraley EE, et al. **J Urol** 1985 Jul;134(1):70-3

Predictors of recurrence in stage II nonseminomatous testicular cancer after lymphadenectomy: implications for adjuvant chemotherapy. Javadpour N. **J Urol** 1985 Sep; 134(3):629

Unilateral lymphadenectomy in intraoperative stage I nonseminomatous germinal testis cancer. Pizzocaro G, et al. **J Urol** 1985 Sep;134(3):485-9

Radiographic imaging of lymph nodes in lymph node dissection specimens. Groote AD, et al. **Lab Invest** 1985 Mar;52(3):326-9

The role of supraomohyoid neck dissection at the time of supraglottic laryngectomy. Baredes S, et al. **Laryngoscope** 1985 Feb;95(2):151-5

Selective use of wide excision with elective lymph node dissection for malignant melanoma. Fortner JG, et al. **Pathol Annu** 1985;20 Pt 1:239-46

Conservative treatment of early carcinoma of the breast: significance of axillary dissection and iridium implant. Gerard JP, et al. **Radiother Oncol** 1985 Jan;3(1):17-22

Elective treatment of regional lymph nodes in malignant melanoma. Hietanen T, et al. **Strahlentherapie** 1985 Jan; 161(1):1-4

Lymph node dissection, renal artery embolization and other aspects of the management of renal carcinoma. Chisholm GD, et al. **Turk J Pediatr** 1984;26(1-4):211-9

Acute toxicity and preliminary therapeutic results of pelvic lymphadenectomy combined with transperineal interstitial implantation of 192IR and external beam radiotherapy for locally advanced prostate cancer. Brindle JS, et al. **Urology** 1985 Mar;25(3):233-8

Results of radical cystectomy for primary bladder cancer. Retrospective study of more than 200 cases. Giuliani L, et al. **Urology** 1985 Sep;26(3):243-8

Pelvic lymph node dissection in prostate cancer. Guinan P, et al. **Urology** 1984 Dec;24(6):540-3

Management of regional lymph nodes in penile carcinoma. Five-year results following therapeutic groin dissections. Johnson DE, et al. **Urology** 1984 Oct;24(4):308-11

Complications of groin dissection in penile cancer. Experience with 101 lymphadenectomies. Johnson DE, et al. **Urology** 1984 Oct;24(4):312-4

Pelvic lymphadenectomy for carcinoma of prostate. Narayana AS, et al. **Urology** 1985 Aug;26(2):109-11

Staging lymphadenectomy should be an antecedent to treatment in localized prostatic carcinoma. Olsson CA. **Urology** 1985 Feb;25(2 Suppl):4-6

Staging lymphadenectomy should not be an antecedent to treatment in localized prostatic carcinoma. Paulson DF. **Urology** 1985 Feb;25(2 Suppl):7-14

Seminoma with elevated human chorionic gonadotropin. The case for retroperitoneal lymph node dissection. Pritchett TR, et al. **Urology** 1985 Apr;25(4):344-6

Bilateral pelvic lymphadenectomy and radical retropubic prostatectomy for Stage C adenocarcinoma of prostate. Zincke H, et al. **Urology** 1984 Dec;24(6):532-9

[Cellulo-lymphadenectomy in tumors of the kidney] Bouffioux C. **Acta Urol Belg** 1984;52(3):368-79 (Eng. Abstr.) **(Fre)**

[Adenocarcinoma of the endometrium. Anatomo-pathological evaluation. 330 bilaterai iliac lymphadenectomies] Pilleron JP, et al. **Chirurgie** 1985; 111(1):93-101 (Eng. Abstr.) **(Fre)**

[Prevention of complications following abdominal surgical urologic interventions by plasma protein substitutes] Bauer HW, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):130-3 (Eng. Abstr.) **(Ger)**

[Causes, prevention and treatment of complications of lymphadenectomy in testicular tumor patients] Vahlensieck EW, et al. **Urologe [A]** 1985 May;24(3):137-41 (Eng. Abstr.) **(Ger)**

[Erection and ejaculation disorders following retroperitoneal lymphadenectomy in non-seminomatous testicular tumors] Porst H, et al. **Urologe [Ausg A]** 1984 Nov;23(6):324-8 (Eng. Abstr.) **(Ger)**

[The histologically evaluated accuracy of lymphography in operative therapy of invasive cervix cancer stages Ib-IIb] Bergander S, et al. **Zentralbl Gynakol** 1985;107(12):721-5 (Eng. Abstr.) **(Ger)**

[Use of the CO2 laser in the treatment of cutaneous malignant melanoma: lymphoadenectomy] Palmeri R, et al. **Chir Ital** 1983 Aug;35(4):535-9 (Eng. Abstr.) **(Ita)**

[Extended total gastrectomy in cancer: oncological and prognostic significance] Di Giorgio A, et al. **Minerva Chir** 1985 Mar 31;40(6):295-303 (Eng. Abstr.) **(Ita)**

[Technical note in oncological surgery: preservation of the intercostobrachial nerve in the course of axillary lymphadenectomy] Latteri M, et al. **Minerva Chir** 1985 Jan 15-31;40(1-2):7-11 (Eng. Abstr.) **(Ita)**

[Value of pelvic lymphadenectomy in the treatment of bladder carcinoma] Fiorentini L, et al. **Minerva Urol Nefrol** 1984 Jul-Sep;36(3):219-22 (Eng. Abstr.) **(Ita)**

[Surgical indications of and their limitations in pulmonary cancer with special reference to lymph node metastasis] Hitomi S, et al. **Kyobu Geka** 1985 May;38(5):351-4 (Eng. Abstr.) **(Jpn)**

[Prognosis in surgical cases of lung cancer without en block mediastinal dissection] Tanimura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1316-20 (Eng. Abstr.) **(Jpn)**

[Pelvic lymph node dissection for cervical cancer] Kagabu T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2657-60 **(Jpn)**

[Retroperitoneal lymph node excision in the treatment of patients with testicular non-seminoma] Kułakowski A, et al. **Nowotwory** 1984 Oct-Dec;34(4):335-9 (Eng. Abstr.) **(Pol)**

[Peripheral lymph node excision for diagnostic purposes in surgical practice] Przystasz T. **Wiad Lek** 1984 Oct 15; 37(20):1581-5 (Eng. Abstr.) **(Pol)**

[Extensive lymphadenectomy in renal carcinoma. Rational basis and long-term results] Giuliani L, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 1:631-7 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Lymphangiosarcoma in chronic lymphedema that followed dissection of the groin in surgical management of a malignant melanoma. Ronan SG, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:245-51

Post-treatment fertility in patients with testicular cancer. I. Influence of retroperitoneal lymph node dissection on ejaculatory potency. Fosså SD, et al. **Br J Urol** 1985 Apr; 57(2):204-9

Post-treatment fertility in patients with testicular cancer. II. Influence of cis-platin-based combination chemotherapy and of retroperitoneal surgery on hormone and sperm cell production. Fosså SD, et al. **Br J Urol** 1985 Apr; 57(2):210-4

Sperm parameters and ejaculation before and after operative treatment of patients with germ-cell testicular cancer. Fritz K, et al. **Fertil Steril** 1985 Mar;43(3):451-4

Morbidity following prophylactic and therapeutic lymph node dissection for melanoma—a comparison. Ingvar C, et al. **Tumori** 1984 Dec 31;70(6):529-33

Residual lymphocele. Gooding GA. **Urology** 1985 Apr; 25(4):368-70

[Surgery performed by inexperienced physicians] Müller R. **HNO** 1984 Sep;32(9):400 **(Ger)**

METHODS

Techniques of retroperitoneal lymph node dissection. Weissbach L, et al. **Acta Urol Belg** 1985;53(2):318-40 (41 ref.) **(Eng, Fre)**

Surgical approaches to block dissection of the inguinal lymph nodes. Vordermark JS, et al. **Br J Plast Surg** 1985 Jul; 38(3):321-5

Radical vulvectomy and bilateral groin lymphadenectomy utilizing separate groin incisions: report of a case with recurrence in the intervening skin bridge. Christopherson W, et al. **Gynecol Oncol** 1985 Jun;21(2):247-51

Approach to the abdominal retroperitoneum in patients with gynecologic malignancies. Lubicz S. **Gynecol Oncol** 1985 Sep;22(1):32-9

Effects of extended systematic lymphadenectomy for adenocarcinoma of the rectum—significant improvement of survival rate and decrease of local recurrence. Koyama Y, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):623-32

A technique of ilioinguinal lymph node dissection for carcinoma of the penis. Whitmore WF Jr, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):573-8

Role of lymphadenectomy in the treatment of bladder cancer. Lieskovsky G, et al. **Urol Clin North Am** 1984 Nov; 11(4):709-16

[Experiences with a modification of Nagamatsu's extrapleural thoracoabdominal approach] Bach D, et al. **Helv Chir Acta** 1984 Oct;51(3-4):483-6 (Eng. Abstr.) **(Ger)**

[Transthoracic retroperitoneal approach in urology] Furrer R, et al. **Helv Chir Acta** 1984 Oct;51(3-4):481-2 (Eng. Abstr.) **(Ger)**

[Method of radical transabdominal tumor nephrectomy with facultative or systemic lymph node dissection and results in 381 patients] Herrlinger A, et al. **Urologe [Ausg A]** 1984 Sep;23(5):267-74 (Eng. Abstr.) **(Ger)**

[Lymphadenectomy for renal cell carcinoma] Masuda F, et al. **Hinyokika Kiyo** 1985 Apr;31(4):595-600 (Eng. Abstr.) **(Jpn)**

[Chromolymphography as a guide to the dissection of mediastinal lymph nodes] Watanabe H, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):587-92 (Eng. Abstr.) **(Jpn)**

[Parasternal lymphadenectomy in the treatment of patients with breast cancer] Bazhenova AP. **Khirurgiia (Mosk)** 1985 Apr;(4):51-6 (Eng. Abstr.) **(Rus)**

[Extensive lymphadenectomy in gastrectomy and gastric resection in cancer] Sigal MZ, et al. **Vestn Khir** 1985 Mar; 134(3):34-9 (Eng. Abstr.) **(Rus)**

MORTALITY

Prophylactic lymphadenectomy for B16 melanoma in C57/BL6 mice: survival based on size and heterogeneous variant of the primary. Mead MJ, et al. **J Surg Res** 1985 Apr;38(4):319-27

LYMPH NODE SYNDROME, MUCOCUTANEOUS see **MUCOCUTANEOUS LYMPH NODE SYNDROME**

LYMPH NODES

Aspiration cytology of solitary schwannoma. Neifer R, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):12-4

Hemangioma in a lymph node. Almagro UA, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):576-8

Mondor's disease associated with metastatic axillary nodes. Miller DR, et al. **Cancer** 1985 Aug 15;56(4):903-4

Nuclear morphologic and morphometric analyses of large noncleaved cell and immunoblastic non-Hodgkin's lymphomas. Dardick I, et al. **Hum Pathol** 1984 Oct; 15(10):965-72

Therapeutic and prognostic problems in lung cancer with mediastinal lymph node involvement. Picciocchi A, et al. **Int Surg** 1984 Oct-Dec;69(4):313-7

Tracheal compression secondary to abscessation of cranial mediastinal lymph nodes in a horse. Rigg DL, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):283-4

Hemangioendothelioma of the lymph node: a case report. Goldstein J, et al. **J Surg Oncol** 1985 Apr;28(4):314-7

Bribery. Symmers WS. **Pathol Annu** 1984;19 Pt 2:347-58

S-100+ lymph node neoplasm. Report of a case with histological AL and immunological features intermediate between T cell lymphoma and malignant histiocytosis. Ruco LP, et al. **Virchows Arch** [A] 1984;404(4):351-8

[Features of the structure of the mesenteric and tracheobronchial lymph nodes in rat offspring after exposure to tetracycline] Savitskaia TN. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):66-72 (Eng. Abstr.) **(Rus)**

ANALYSIS

Immunohistological study of transferrin receptor expression in non-Hodgkin's lymphoma. Pileri S, et al. **Br J Haematol** 1984 Nov;58(3):501-8

Microanalyses of lesions and lymph nodes from coalminers' lungs. Chapman JS, et al. **Br J Ind Med** 1985 Aug; 42(8):551-5

Presence of breast cancer antigens in uninvolved axillary lymph nodes. Hendler FJ, et al. **Cancer Res** 1985 Jul; 45(7):3364-73

Immunohistologic localization and immune phenotypes of lymphocytes expressing Tac antigen in human lymphoid tissues. Miyawaki T, et al. **J Immunol** 1984 Dec; 133(6):2996-3000

Lymph node localization of non-specific antibody-coated liposomes. Mangat S, et al. **Life Sci** 1985 May 20; 36(20):1917-25

The lipid composition of the spleen and intestinal and popliteal lymph nodes in the sheep. Christie WW, et al. **Lipids** 1985 Jun;20(6):389-92

ANATOMY & HISTOLOGY

The narrowing of high endothelial venules of the rat lymph node. Bélisle C, et al. **Anat Rec** 1985 Feb;211(2):184-91

The distribution of lymph nodes in and around the parotid gland: an anatomical study. McKean ME, et al. **Br J Plast Surg** 1985 Jan;38(1):1-5

Evidence for the existence of a subsinus layer of the peripheral cortex in the lymph node of the rat. Sainte-Marie G, et al. **Cell Tissue Res** 1985;239(1):37-42

The anatomy of the lymph nodes of the parotid gland. Marks NJ. **Clin Otolaryngol** 1984 Oct;9(5):271-5

Studies on the vascular drainage system of the hamster buccal pouch. Giunta JL, et al. **J Oral Pathol** 1985 Mar;14(3):263-7

Quantitation of the axillary lymphoid tissue in women without cancer. Hartveit F, et al. **J Pathol** 1985 Jun; 146(2):95-8

Sonographic appearance of normal lymph nodes. Marchal G, et al. **J Ultrasound Med** 1985 Aug;4(8):417-9

Lymph nodes of the N:NIH(S)II-nu/nu mouse. Sainte-Marie G, et al. **Lab Invest** 1985 Jun;52(6):631-7

Magnetic resonance imaging of the lymph nodes: comparison with CT. Dooms GC, et al. **Radiology** 1984 Dec; 153(3):719-28

Coronal magnetic resonance imaging of the chest: normal and abnormal. Webb WR, et al. **Radiology** 1984 Dec; 153(3):729-35

Modifications of the structures of the rat lymph nodes by neonatal thymectomy. Sainte-Marie G, et al. **Thymus** 1984; 6(5):309-23

[Anterior projection of the internal mammary lymphatic chain (letter)] Pillet J. **Presse Med** 1984 Oct 20; 13(37):2270-1 **(Fre)**

[Normal lymph node cross sections in different anatomic regions and their significance for computed tomographic diagnosis] Peters PE, et al. **Radiologe** 1985 May;25(5):193-8 (Eng. Abstr.) **(Ger)**

[Morphofunctional features of lymphoid tissue in the normal duck and after antigenic stimulation] Berezina EA. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):49-57 (Eng. Abstr.) **(Rus)**

[Structure of the inguinal lymph nodes after extirpation of the pancreas] Korovina AM. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):51-6 (Eng. Abstr.) **(Rus)**

[Structure and cellular composition of cubital lymph nodes in the adult human] Motalov VG. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):57-60 (Eng. Abstr.) **(Rus)**

BLOOD SUPPLY

Nodal angiomatosis: relationship to vascular transformation of lymph nodes [letter] Bedrosian SA, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):864-5

Involvement of sialic acid on endothelial cells in organ-specific lymphocyte recirculation. Rosen SD, et al. **Science** 1985 May 24;228(4702):1005-7

The blood microvasculature in T-cell lymphomas. A morphological, ultrastructural and immunohistochemical study. Kittas C, et al. **Virchows Arch [A]** 1985;405(4):439-52

CYTOLOGY

Morphological characterization of stationary reticulum cells of the stromal in the mesenteric lymph node of the guinea pig. Severi B, et al. **Acta Anat (Basel)** 1984;120(3):164-9

Immunohistochemical analysis of progressively transformed follicular centers. van den Oord JJ, et al. **Am J Clin Pathol** 1985 May;83(5):560-4

Nodular alteration of the paracortical area. An in situ immunohistochemical analysis of primary, secondary, and tertiary T-nodules. van den Oord JJ, et al. **Am J Pathol** 1985 Jul;120(1):55-66

Study of lymphocyte interaction in human mesenteric lymph nodes in vitro. Cripps AW, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):531-7

Cyclophosphamide inhibits antibody-dependent cellular cytotoxicity (ADCC) suppression exerted by lymph node cells. Palermo MS, et al. **Cell Immunol** 1985 Jul; 93(2):438-46

Homing of germinal-center cells into germinal centers of lymph node via afferent lymphatics. An autoradiographic study in rabbits. Deenen GJ, et al. **Cell Tissue Res** 1984; 238(1):183-9

Acetylcholine receptor antibody-producing cells in thymus and lymph nodes in myasthenia gravis. Fujii Y, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):141-6

The organization of cell populations within lymph nodes: their origin, life history and functional relationships. Fossum S, et al. **Histopathology** 1985 May;9(5):469-99 (169 ref.)

Cell populations within lymph nodes. Parrott DM. **Histopathology** 1985 May;9(5):561-6 (31 ref.)

Repopulation of lymph nodes and spleen in thymus chimeras after lethal irradiation and bone marrow transplantation: dependence on the age of the thymus. Leiner H, et al. **Immunobiology** 1984 Oct;167(4):345-58

Lymphocyte emigration from lymph nodes by blood in the pig and efferent lymph in the sheep. Binns RM, et al. **Immunology** 1985 Jan;54(1):105-11

Increases in the numbers of immunoglobulin-secreting cells in lymph nodes responding to sperm and other stimuli: possible relationship to immunosuppression. Hancock RJ, et al. **Immunology** 1985 Jun;55(2):233-9

Lymphocyte recognition of lymph node high endothelium. VI. Evidence of distinct structures mediating binding to high endothelial cells of lymph nodes and Peyer's patches. Chin YH, et al. **J Immunol** 1984 Dec;133(6):2961-5

Aberrant expression of Forssman and Paul-Bunnell antigens on lymph node cells of MRL/Mp-lpr/lpr mice. Katagiri T, et al. **J Immunol** 1984 Dec;133(6):3143-8

Frequency of herpes simplex virus-specific helper T lymphocyte precursors in the lymph node cells of infected mice. Prymowicz D, et al. **J Immunol** 1985 Apr; 134(4):2683-8

Lymphocyte recognition of lymph node high endothelium. VII. Cell surface proteins involved in adhesion defined by monoclonal anti-HEBFLN (A.11) antibody. Rasmussen RA, et al. **J Immunol** 1985 Jul;135(1):19-24

Human follicular dendritic cells express CR1, CR2, and CR3 complement receptor antigens. Reynes M, et al. **J Immunol** 1985 Oct;135(4):2687-94

Follicular dendritic cells in suspension: identification, enrichment, and initial characterization indicating immune complex trapping and lack of adherence and phagocytic activity. Schnizlein CT, et al. **J Immunol** 1985 Mar; 134(3):1360-8

The specificity of the high endothelial venule in bronchus-associated lymphoid tissue (BALT). van der Brugge-Gamelkoorn GJ, et al. **J Immunol** 1985 Jun; 134(6):3746-50

Removal of rat dendritic cells from single cell suspensions by passage through columns of Sephadex G-10. Bowers WE, et al. **J Immunol Methods** 1984 Nov 30;74(2):317-25

Lymphocyte migration through the lymphatic sinuses of the chicken's lymph node. Olah I, et al. **Poult Sci** 1985 Jan; 64(1):159-68

Retention of immune complexes by Fc receptors on mouse follicular dendritic cells. Radoux D, et al. **Scand J Immunol** 1985 Apr;21(4):345-53

Treatment of bladder carcinoma with tumor-immune pig lymph node cells. Phase I study. Symes MO, et al. **Urology** 1985 Apr;25(4):383-5

Canine dendritic cells from peripheral blood and lymph nodes. Goodell EM, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):301-10

[Cellular populations of the lymph node. Immunohistochemical identification, morphology, histophysiology] Caverivière P, et al. **Rev Med Interne** 1985 Mar;6(2):142-54 (49 ref.) **(Fre)**

[Behavior of mastocytes in rat lymph nodes under various experimental conditions] Repice F, et al. **Arch Ital Anat Embriol** 1984 Jan-Mar;89(1):31-7 (Eng. Abstr.) **(Ita)**

[Morphological and immunohistochemical investigation of solitary lymphatic nodules in the normal human terminal ileum and duodenal bulb] Shimada K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 May;82(5):1337-47 (Eng. Abstr.) **(Jpn)**

[Study of biology of T cells using monoclonal antibodies. III. Differentiation, maturation and distribution of T lymphocytes in lymphoid tissues studied with monoclonal antibodies] Rupniewska ZM. **Przegl Lek** 1984; 41(11):667-72 (31 ref.) **(Pol)**

[Regional features of the cellular composition of different zones of lymph nodes in the adult human] Borodin IuI, et al. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):76-8 (Eng. Abstr.) **(Rus)**

[Cell proliferation in mouse tissues after thymectomy and the administration of T-activin] Mamontov SG, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):102-4 (Eng. Abstr.) **(Rus)**

[Lymphoid cell capacity for erythropoiesis stimulation after local irradiation of the body] Dygal AM, et al. **Gematol Transfuziol** 1984 Dec;29(12):25-6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of mica dust and choline on the lymph nodes of rats. Sahu AP, et al. **Br J Exp Pathol** 1984 Oct;65(5):533-41

Mechanisms in opposite modulation of spleen cell and lymph node cell responses to mitogens following muramyl dipeptide treatment in vivo. Brummer E, et al. **Cell Immunol** 1985 Apr 1;91(2):505-14

ENZYMOLOGY

5-Nucleotidase activity in isolated follicular dendritic cells. Heinen E, et al. **Immunol Lett** 1985;9(2-3):75-80

[Cytoenzymologic diagnosis of malignant lymphomas and cancer metastases into the lymph nodes] Zverkova AS, et al. **Gematol Transfuziol** 1984 Aug;29(8):11-4 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Formation of lymph follicles and germinal centers in draining lymph nodes after local injection of phytohemagglutinin and lipopolysaccharide in mice. Hoshi H, et al. **Arch Histol Jpn** 1984 Nov;47(5):505-18

Development of the lymph nodes in the very young, and their evolution in the mature, nude rat. Sainte-Marie G, et al. **Dev Comp Immunol** 1984 Summer;8(3):695-710

IMMUNOLOGY

Immunophenotypic differences between dermatopathic lymphadenopathy and lymph node involvement in mycosis fungoides. Weiss LM, et al. **Am J Pathol** 1985 Aug; 120(2):179-85

The immunohistology of non-T cells in the acquired immunodeficiency syndrome. Wood GS, et al. **Am J Pathol** 1985 Sep;120(3):371-9

Importance of the footpad lesion in the mouse response to local inoculation of Mycobacterium marinum. Mor N, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr; 136A(2):191-201

A subpopulation of lymph node B-CLL cells expresses the common acute lymphoblastic leukemia antigen. Van den Oord JJ, et al. **Anticancer Res** 1984 Nov-Dec;4(6):379-82

Secretion of immunoglobulin by neoplastic B lymphocytes from lymph nodes of patients with lymphoma. Stevenson FK, et al. **Br J Cancer** 1984 Nov;50(5):579-86

Application of the avidin-biotin-peroxidase complex method to the light microscopic localization of the IgA in the tracheal mucosa and the thoracic lymph nodes of the rat. Santoni JP, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):191-2

Lymphocyte function in experimental African trypanosomiasis. VIII. Loss of suppressor T cell function in lymph nodes. Sizemore RC, et al. **Cell Immunol** 1984 Dec;89(2):439-44

Lymph node accessory cells in the immune response. The primary response to paratyphoid vaccine in rat parathymic lymph nodes. Kamperdijk EW, et al. **Cell Tissue Res** 1984; 237(1):39-42

Distribution pattern of drained antigens and antibodies in the subcapsular sinus of the lymph node of the rat. Sainte-Marie G, et al. **Cell Tissue Res** 1985;239(1):31-5

The influence of the route of antigen administration on the development of specific antibody-producing cells in the follicles of the popliteal lymph nodes of rabbits. van Rooijen N, et al. **Cell Tissue Res** 1985;239(3):657-60

READEX FICHE

Immunologic studies of peripheral blood lymphocytes and lymph nodes in Hodgkin's disease. A preliminary report. Cunningham JR, et al. **Cleve Clin Q** 1985 Spring; 52(1):69-72

Cytofluorographic analysis of lymph nodes from patients with the persistent generalized lymphadenopathy (PGL) syndrome. Levy N, et al. **Diagn Immunol** 1985;3(1):15-23

Syngeneic mixed lymphocyte reactions to murine Fc receptor-bearing, nonadherent low density lymph node cells and epidermal Langerhans cells. Bienenstock AN, et al. **Eur J Immunol** 1985 Apr;15(4):381-6

Squamous cell carcinoma of the cervix stage IB: numbers and reactivities of pelvic lymph node T cells. Onsrud M, et al. **Gynecol Oncol** 1985 Feb;20(2):177-83

Lung localization of antibody-forming cells stimulated in distant peripheral lymph nodes. Hillam RP, et al. **Immunology** 1985 Jun;55(2):257-61

Differential requirements for rabbit dendritic cells and macrophages in T lymphocyte proliferation induced by various mitogens. Kapsenberg ML, et al. **Immunology** 1985 Jun;55(2):301-10

Langerhans cells present tick antigens to lymph node cells from tick-sensitized guinea-pigs. Nithiuthai S, et al. **Immunology** 1985 May;55(1):157-63

Interleukin-2 in vivo: production of and response to interleukin-2 in lymphoid organs undergoing a primary immune response to heterologous erythrocytes. Spitz M, et al. **Immunology** 1985 Mar;54(3):527-32

Lymphatic mast cells in response to in vitro stimulation by non-specific T-cell mitogens. Włodarski K, et al. **Immunology** 1985 Jun;55(2):311-5

Response of the popliteal lymph node to reinfection of the hind foot pad of the mouse with Mycobacterium marinum. Mor N, et al. **J Clin Lab Immunol** 1984 Jul;14(3):155-60

The immune response to Echinococcus granulosus: sequential histological observations of lymphoreticular and connective tissues during early murine infection. Riley EM, et al. **J Comp Pathol** 1985 Jan;95(1):93-104

Immunological changes during progressive stages of vitamin A deficiency in the rat. Nauss KM, et al. **J Nutr** 1985 Jul; 115(7):909-18

An assessment of neck node immunoreactivity in head and neck cancer. Schuller DE. **Laryngoscope** 1984 Nov;94(11 Pt 2 Suppl 35):1-35 (203 ref.)

Experimental allergic encephalomyelitis in mice: adoptive transfer of disease is modulated by the presence of natural suppressor cells. Montgomery IN, et al. **Neurochem Res** 1984 Oct;9(10):1399-406

Immunohistochemical studies on the antigen localization and the germinal center formation in mouse lymph nodes. Nakamura K, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):315-21

Transfer of immunity against Hymenolepis nana in mice with lymphoid cells or serum from infected donors. Palmas C, et al. **Parasitology** 1984 Oct;89 (Pt 2):287-93

Immunophysiological activity of supramammary lymph nodes of the ewe during the very early phase of staphylococcal mastitis. Watson DL, et al. **Res Vet Sci** 1985 Jul;39(1):52-8

Minor antigen graft-versus-host reactions revealed in irradiated spleen and popliteal lymph node assays. Claman HN, et al. **Transplantation** 1984 Oct;38(4):392-5

Response of the lymph node to tumour antigen and Bacillus Calmette-Guerin in cattle bearing tumours of the ethmoturbinate region. Vikram Reddi M, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):273-87

The immune reactivity of the regional and distant lymph nodes to autochthonous ovine squamous cell carcinomata. Al-Yaman FM, et al. **Vet Immunol Immunopathol** 1985 Jul; 9(3):261-72

Mesenteric lymph nodes: cells with surface and sytoplasmic immunoglobulins. Sminia T, et al. **Virchows Arch [Cell Pathol]** 1984;47(2):123-9

[Reactivity of sheep to the application of plasma membranes from cattle lymph node tumors] Ristau E, et al. **Arch Exp Veterinarmed** 1985 Jan;39(1):58-62 (Eng. Abstr.) **(Ger)**

[Studies on the cell-mediated immunity in regional lymph nodes from patients with gastric cancer] Koba F. **Fukuoka Igaku Zasshi** 1985 Apr;76(4):104-16 (Eng. Abstr.) **(Jpn)**

[A study on immune response of regional lymph nodes in patients with lung cancer] Sannoh K. **Igaku Kenkyu** 1984 May;54(6):695-709 (Eng. Abstr.) **(Jpn)**

[Experimental study of oral administration of streptococcal preparation 'OK-432'. The third report: its enhancing effects on natural killer activity and lymphoproliferative response to mitogens of mouse mesenteric lymph node] Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):803-10 (Eng. Abstr.) **(Jpn)**

[Experimental study on the antitumor activity of regional lymph nodes during immunotherapy] Kawata H. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1479-89 (Eng. Abstr.) **(Jpn)**

[Interaction of the lymph node and splenic lymphocytes of mice in inactivation of allogeneic hematopoietic stem cells] Dozmorov IM, et al. **Biull Eksp Biol Med** 1985 May; 99(5):592-4 (Eng. Abstr.) **(Rus)**

[Comparison of the immunological indices of the peripheral blood and lymph nodes in lymphogranulomatosis in children] Voitenkov BO, et al. **Vopr Onkol** 1985;31(7):83-7 (Eng. Abstr.) **(Rus)**

INJURIES

A misdiagnosis of carotid pseudoaneurysm. Moulton-Barrett RE, et al. **Injury** 1985 Mar;16(5):339-40

INNERVATION

Sympathetic innervation of lymph nodes in mice. Felten DL, et al. **Brain Res Bull** 1984 Dec;13(6):693-9

METABOLISM

Cellular distribution of dexamethasone in rabbit spleen and lymph nodes. Tchernitchin AN, et al. **Agents Actions** 1984 Dec;15(5-6):588-93

Immunohistochemical analysis of the distribution of vimentin in human peripheral lymphoid tissues. Giorno R. **Anat Rec** 1985 Jan;211(1):43-7

Uptake of released mast cell granules by reticular cells of the rat lymph node. Miyata K, et al. **Cell Tissue Res** 1985; 240(1):49-55

Postinflammatory increase of absorption from peritoneal cavity into lymph nodes: particulate and oily inocula. Levine S. **Exp Mol Pathol** 1985 Aug;43(1):124-34

The early appearance of fibronectin in the course of metastatic tumor growth in lymph nodes. Lorke D, et al. **J Cancer Res Clin Oncol** 1985;109(1):65-71

Uptake mechanism of interstitially injected 99mTc-labeled antimony trisulphide colloid in the popliteal lymph node of rabbits. Munz DL, et al. **Nuklearmedizin** 1985 Feb; 24(1):39-43

[Animal experiments on the radiopharmacokinetics of 125I-liposomes following direct intralymphatic administration. 1] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):607-13 (Eng. Abstr.) **(Ger)**

[5-FU concentration in the tissues (tumor and lymph node) of breast cancer patients given preoperative administration of UFT and FT] Koida T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1147-51 (Eng. Abstr.) **(Jpn)**

[Failure to augment the tissue concentration of Adriamycin by simultaneous intra-arterial application of urokinase] Suda Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):894-9 (Eng. Abstr.) **(Jpn)**

[Clinical study on concentration of FT-207 and 5-FU in serum, lymph nodes and tissues after rectal administration of FT-207 suppositories for malignant diseases of the liver, biliary tract and pancreas] Takada T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1088-93 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Incidence of positive inguinal lymph node cultures during peripheral revascularization. Bunt TJ, et al. **Am Surg** 1984 Oct;50(10):522-3

Fungal stains in the acquired immunodeficiency syndrome [letter] Stahl RE, et al. **Ann Intern Med** 1985 Mar; 102(3):413

Fine-needle aspiration of lymphadenopathy of suspected infectious etiology. Layfield LJ, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):810-2

Isolation of Brucella abortus from supramammary lymph nodes of cattle from infected herds vaccinated with low dose strain 19. Duffield BJ, et al. **Aust Vet J** 1984 Dec; 61(12):411-2

Acid fast bacilli in lymph node aspirate and smears from ear lobules and fingers in long treated patients. Kumar B, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):71-7

Electron microscopy of the bacillus causing cat-scratch disease. Hadfield TL, et al. **J Infect Dis** 1985 Sep; 152(3):643-5

Altered follicular dendritic cells and virus-like particles in AIDS and AIDS-related lymphadenopathy [letter] Tenner-Rácz K, et al. **Lancet** 1985 Jan 12;1(8420):105-6

PARASITOLOGY

Acquired toxoplasmic lymphadenitis with demonstration of the cyst in imprints [letter] Fernandez-Rivero CS, et al. **Am J Clin Pathol** 1984 Dec;82(6):751-2

PATHOLOGY

Immunomorphological study of 216 cases of reactive hyperplasia in lymph nodes. Wu HM, et al. **Acta Acad Med Wuhan** 1985;5(1):30-7

Scalene lymph node biopsy. A diagnostic method in sarcoidosis. Truedson H, et al. **Acta Chir Scand** 1985; 151(2):121-3

Fine needle aspiration biopsy in the evaluation of lymphoreticular tumors of the thorax. Bonfiglio TA, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):548-53

Fine needle aspiration cytology of benign lymph node hyperplasias. Diagnostic significance of lymphohistiocytic aggregates. O'Dowd GJ, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):554-8

Role of percutaneous pelvic node aspiration cytology in the management of bladder carcinoma. Piscioli F, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):37-43

Peripheral lymphadenopathy in Nigeria. Oluwole SF, et al. **Acta Trop (Basel)** 1985 Mar;42(1):87-96

Our experience with diagnosing leukemic immunocytoma. Mačák J. **Acta Univ Palacki Olomuc Fac Med** 1985; 108:197-205

T-cell imbalances in blood and lymph nodes from patients with acquired immune deficiency syndrome or AIDS-related complex. Grossi CE, et al. **Ala J Med Sci** 1985 Apr;22(2):160-3

Morphology of follicular centers in persistent generalized lymphadenopathy [letter] Carbone A, et al. **Am J Clin Pathol** 1985 Aug;84(2):258-9

Multicentric angiofollicular lymph node hyperplasia (Castleman's disease) followed by Kaposi's sarcoma in two homosexual males with the acquired immunodeficiency syndrome (AIDS). Lachant NA, et al. **Am J Clin Pathol** 1985 Jan;83(1):27-33

Giant lymph node hyperplasia (Castleman's disease) of hyaline vascular type. Clinical heterogeneity with immunohistologic uniformity. Martin JM, et al. **Am J Clin Pathol** 1985 Oct;84(4):439-46

Lymph node finding in drug abusers [letter] Parravicini CL, et al. **Am J Clin Pathol** 1984 Dec;82(6):749-50

Nevus cells within lymph nodes. Possible metastases from a benign intradermal nevus. Subramony C, et al. **Am J Clin Pathol** 1985 Aug;84(2):220-3

Superficial cervical lymphadenopathy after insertion of earrings. Ashkenazi S, et al. **Am J Dis Child** 1984 Dec; 138(12):1147-8

Hodgkin's disease, lymphocyte predominance type, nodular--a distinct entity? Unique staining profile for L&H variants of Reed-Sternberg cells defined by monoclonal antibodies to leukocyte common antigen, granulocyte-specific antigen, and B-cell-specific antigen. Pinkus GS, et al. **Am J Pathol** 1985 Jan;118(1):1-6

Immature sinus histiocytes. Their identification as a novel B-cell population. Stein H, et al. **Am J Pathol** 1984 Oct; 117(1):44-52

Morphometric nuclear analysis of lymphoid cells in center cell lymphomas and in reactive germinal centers. Tosi P, et al. **Am J Pathol** 1984 Oct;117(1):12-7

Immature sinus histiocytosis. Light- and electron-microscopic features, immunologic phenotype, and relationship with marginal zone lymphocytes. van den Oord JJ, et al. **Am J Pathol** 1985 Feb;118(2):266-77

Immunohistochemical studies using monoclonal antibodies on lymph nodes from patients with mycosis fungoides and Sézary's syndrome. Willemze R, et al. **Am J Pathol** 1985 Jul;120(1):46-54

Nodal blue nevi. A study of three cases. Epstein JI, et al. **Am J Surg Pathol** 1984 Dec;8(12):907-15

Clinical implications of progressive transformation of germinal centers. Osborne BM, et al. **Am J Surg Pathol** 1984 Oct;8(10):725-33

Registry for angiofollicular lymph node hyperplasia [letter] Weisenburger DD, et al. **Ann Intern Med** 1985 Jan; 102(1):132

What constitutes adequate study of axillary lymph nodes in breast cancer? Kingsley WB, et al. **Ann Surg** 1985 Mar; 201(3):311-4

Mycosis fungoides-like lesions associated with phenytoin therapy. Wolf R, et al. **Arch Dermatol** 1985 Sep; 121(9):1181-2

Regional lymph node reactions related to hormone receptor status in female breast carcinoma. Kosma VM, et al. **Arch Geschwulstforsch** 1985;55(2):123-30

Histological observations on rat popliteal lymph nodes after blockage of their afferent lymphatics. Hoshi H, et al. **Arch Histol Jpn** 1985 Apr;48(2):135-48

Cervical lymph node metastases. Incidence and implications of extracapsular carcinoma. Johnson JT, et al. **Arch Otolaryngol** 1985 Aug;111(8):534-7

Acquired immune deficiency syndrome--related lymphadenopathies presenting in the salivary gland lymph nodes. Ryan JR, et al. **Arch Otolaryngol** 1985 Aug; 111(8):554-6

Lymphocyte subsets in lymph nodes of homosexual men with generalized unexplained lymphadenopathy. Correlation with morphology and blood changes. Chan WC, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):133-7

Lymph node examination. What is an adequate workup? Collins RD. **Arch Pathol Lab Med** 1985 Sep;109(9):797-9

Sinus histiocytosis with massive lymphadenopathy. Report of a case associated with necrosis. Hayes MM, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):151-2

Sinus histiocytosis with massive lymphadenopathy and unusual extranodal manifestations. Mir R, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):867-70

Minute foci of Kaposi's sarcoma in a patient with acquired immunodeficiency syndrome [letter] Swerdlow SH, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):106-7

Registry of angiofollicular lymph node hyperplasia [letter] Weisenburger DD, et al. **Arch Pathol Lab Med** 1985 Feb; 109(2):107

Studies of lymph nodes from patients with classical hemophilia. Andes WA, et al. **Blood** 1984 Oct;64(4):768-73

Distinctive lymphocyte subpopulation abnormalities in patients with congenital coagulation disorders who exhibit lymph node enlargement. Prince HE, et al. **Blood** 1985 Jul; 66(1):64-8

Probability of false negative nodal staging in conjunction with partial axillary dissection in breast cancer. Kjaergaard J, et al. **Br J Surg** 1985 May;72(5):365-7

The efficacy of lower axillary sampling in obtaining lymph node status in breast cancer: a controlled randomized trial. Steele RJ, et al. **Br J Surg** 1985 May;72(5):368-9

Decreased population of Leu-7+ natural killer cells in lymph nodes of homosexual men with AIDS-related persistent lymphadenopathy. Jothy S, et al. **Can Med Assoc J** 1985 Jan 15;132(2):141–4

Giant lymph node hyperplasia with osteoblastic bone lesions and the POEMS (Takatsuki's) syndrome. Bitter MA, et al. **Cancer** 1985 Jul 1;56(1):188–94

Gastric pseudolymphoma with monotypic cytoplasmic immunoglobulin. Eimoto T, et al. **Cancer** 1985 Feb 15; 55(4):788–93

Lymphomas of the mucosa-associated lymphoid tissue. Signet ring cell lymphomas presenting in mucosal lymphoid organs. Hernandez JA, et al. **Cancer** 1985 Feb 1;55(3):592–7

Aspiration cytology in the staging of urologic cancer. Piscioli F, et al. **Cancer** 1985 Sep 1;56(5):1173–80

Mucoepidermoid carcinoma arising in an intraparotid lymph node. Smith A, et al. **Cancer** 1985 Jan 15;55(2):400–3

Extracapsular spread of carcinoma in cervical lymph nodes. Impact upon survival in patients with carcinoma of the supraglottic larynx. Snyderman NL, et al. **Cancer** 1985 Oct 1;56(7):1597–9

Angiofollicular lymph node hyperplasia (Castleman's disease) associated with vertebral destruction. Stokes SH, et al. **Cancer** 1985 Aug 15;56(4):876–9

Immunohistopathology of lymph nodes in HTLV-III infected homosexuals with persistent adenopathy or AIDS. Biberfeld P, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4665s–4670s

Lymph node pathology of HTLV and HTLV-associated neoplasms. Jaffe ES, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4662s–4664s

Microscopic studies of the vascular hyperplasia in lymphoid proliferations susceptible to lymphomatous transformation. Simu G, et al. **Cell Mol Biol** 1985;31(2):117–24

Intrapulmonary lymph nodes. Clinical, radiologic, and pathologic features. Kradin RL, et al. **Chest** 1985 May; 87(5):662–7

Fine needle aspiration cytology in the management of head and neck masses. Slack RW, et al. **Clin Otolaryngol** 1985 Apr;10(2):93–6

Lymphatic hypoplasia without lymphoedema. McIvor J, et al. **Clin Radiol** 1984 Nov;35(6):503–5

Giant lymph node hyperplasia: clinical and immunohistologic correlation of an intermediate variant. Johnson JT, et al. **Ear Nose Throat J** 1985 May;64(5):249–54

Enhancement of human growth hormone-stimulated mitogenesis of Nb2 node lymphoma cells by 12-O-tetradecanoyl-phorbol-13-acetate. Gertler A, et al. **Endocrinology** 1985 Apr;116(4):1636–44

Transcarinal mediastinal needle biopsy as a supplement to bronchoscopic evaluation of neoplastic lung diseases. Brynitz S, et al. **Endoscopy** 1985 Jan;17(1):18–20

Germ cell tumours confined to the supra-clavicular fossa: a report of two cases. Slevin NJ, et al. **Eur J Surg Oncol** 1985 Jun;11(2):187–90

Value and role of percutaneous regional node aspiration cytology in the management of penile carcinoma. Luciani L, et al. **Eur Urol** 1984;10(5):294–302

Spleen and portal lymphnode pathology in fatal drug addiction. Kringsholm B, et al. **Forensic Sci Int** 1984 Aug; 25(4):233–44

Castleman's disease associated with hepatic amyloidosis. An immunohistochemical and ultrastructural study. Franco V, et al. **Haematologica (Pavia)** 1984 Sep–Oct;69(5):556–67

Multicentric giant lymph-node hyperplasia: immunohistochemical and ultrastructural study of two cases. Muretto P, et al. **Haematologica (Pavia)** 1985 Mar–Apr;70(2):120–31

Growth fractions in malignant non-Hodgkin's lymphomas (NHL) as determined in situ with the monoclonal antibody Ki-67. Gerdes J, et al. **Hematol Oncol** 1984 Oct–Dec; 2(4):365–71

A distinctive follicular hyperplasia in the acquired immune deficiency syndrome (AIDS) and the AIDS related complex. A pre-lymphomatous state for B cell lymphomas? Meyer PR, et al. **Hematol Oncol** 1984 Oct–Dec;2(4):319–47

The lymph node in mycosis fungoides: a light and electron microscopy and immunohistological study supporting the Langerhans' cell-retrovirus hypothesis. Slater DN, et al. **Histopathology** 1985 Jun;9(6):587–621

Castleman's disease: more questions than answers. Frizzera G. **Hum Pathol** 1985 Mar;16(3):202–5

Benign glandular inclusions in the abdominal lymph nodes of a man. Huntrakoon M. **Hum Pathol** 1985 Jun;16(6):644–6

Erythroleukemic infiltration of a lymph node: use of hemoglobin immunohistochemical techniques in diagnosis. Keifer J, et al. **Hum Pathol** 1984 Nov;15(11):1090–3

Nodular mediastinal amyloidosis. Shaw P, et al. **Hum Pathol** 1984 Dec;15(12):1183–5

Extrapulmonary silicosis: a clinical, morphologic, and ultrastructural study. Slavin RE, et al. **Hum Pathol** 1985 Apr;16(4):393–412

B- and T-cell subsets in follicular centroblastic/centrocytic (cleaved follicular center cell) lymphoma: an immunohistologic analysis of 26 lymph nodes and three spleens. Swerdlow SH, et al. **Hum Pathol** 1985 Apr; 16(4):339–52

Multicentric angiofollicular lymph node hyperplasia: a clinicopathologic study of 16 cases. Weisenburger DD, et al. **Hum Pathol** 1985 Feb;16(2):162–72

Follicular bronchitis/bronchiolitis. Yousem SA, et al. **Hum Pathol** 1985 Jul;16(7):700–6

Angiofollicular lymph node hyperplasia (a case report with autopsy findings). Malhotra V, et al. **Indian J Chest Dis Allied Sci** 1984 Jan–Mar;26(1):41–5

Proton spin-lattice relaxation studies and elemental analysis of human lymph nodes afflicted with lymphoma. Gopalakrishna S, et al. **Indian J Exp Biol** 1984 Aug; 22(8):407–9

Sinus histiocytosis with massive lymphadenopathy. Sandhyamdni S, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):99–103

Hypogammaglobulinemia. Venkateswarlu K, et al. **Indian Pediatr** 1984 Aug;21(8):657–61

Pathological findings on peripheral nerves, lymph nodes, and visceral organs of leprosy. Liu TC, et al. **Int J Lepr** 1984 Sep;52(3):377–83

The influence of excisional or incisional biopsy of metastatic neck nodes on the management of head and neck cancer. Parsons JT, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug; 11(8):1447–54

Retrovirus-like particles in Hodgkin's disease. Min KW, et al. **Iowa Med** 1985 Aug;75(8):353–5

Giant lymph node hyperplasia presenting as a pleural mass. O'Driscoll J. **Ir Med J** 1985 May;78(5):132–3

Lymph node involvement in leishmaniasis. Berger TG, et al. **J Am Acad Dermatol** 1985 Jun;12(6):993–6

Lymph node histopathology in Sézary syndrome. Buzzanga J, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):880–8

A systemic lymphoproliferative disorder with morphologic features of Castleman's disease: clinical findings and clinicopathologic correlations in 15 patients. Frizzera G, et al. **J Clin Oncol** 1985 Sep;3(9):1202–16

A quantitative study of histiocytic reticulum cells in diffuse and follicular non-Hodgkin's lymphomas. Crocker J, et al. **J Clin Pathol** 1984 Nov;37(11):1222–6

Herpes simplex lymphadenitis: a case report and review of the published work. Lapsley M, et al. **J Clin Pathol** 1984 Oct;37(10):1119–22

Computed tomography of retroperitoneal castleman disease (plasma cell type) with sonographic and angiographic correlation. Joseph N, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):570–2

Malignant melanoma and lymph nodes. Tritsch H. **J Dermatol Surg Oncol** 1985 May;11(5):500–4

Morphine in lymph nodes of heroin users. Nakamura GR, et al. **J Forensic Sci** 1983 Jan;28(1):249–50

Cervical lymph node biopsy—a study of its morbidity. Gooder P, et al. **J Laryngol Otol** 1984 Oct;98(10):1031–40

The distribution of cells of the monocytic-lineage in reactive lymph nodes and non-Hodgkin's lymphomata. Characterization using protein histochemistry, lectin binding and monoclonal antibodies. Freemont AJ, et al. **J Pathol** 1985 Jun;146(2):139–50

Paranodal tumour in breast cancer: extranodal extension versus vascular spread. Hartveit F. **J Pathol** 1984 Dec; 144(4):253–6

Angiofollicular lymph node hyperplasia (Castleman's disease): an immunohistochemical and enzyme-histochemical study of the hyaline-vascular form of lesion. Jones EL, et al. **J Pathol** 1984 Oct;144(2):131–47

Ischaemic changes in human mesenteric lymph nodes. Mahy NJ, et al. **J Pathol** 1984 Dec;144(4):257–67

Lymphonodular hyperplasia of the colon as a pathologic finding in children with lower gastrointestinal bleeding. Kaplan B, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov; 3(5):704–8

Effectiveness of scalene node biopsy for staging of lung cancer in the absence of palpable adenopathy. Bernstein MP, et al. **J Surg Oncol** 1985 May;29(1):46–9

Castleman's tumor with retroperitoneal location: a malignant-appearing benign tumor. Skolnik G, et al. **J Surg Oncol** 1985 Feb;28(2):153–5

Pathology of superficial lymph node in children and young adults in Enugu, Nigeria. Ejeckam GC, et al. **J Trop Pediatr** 1984 Dec;30(6):307–9

Preoperative lymph node evaluation in prostatic cancer patients who are surgical candidates: the role of lymphangiography and computerized tomography scanning with directed fine needle aspiration. Flanigan RC, et al. **J Urol** 1985 Jul;134(1):84–7

Implications of volume of nodal metastasis in patients with adenocarcinoma of the prostate. Smith JA Jr, et al. **J Urol** 1985 Apr;133(4):617–9

Inguinal lymph node metastases from testicular tumor. Stein M, et al. **J Urol** 1985 Jul;134(1):144–5

When to perform biopsies on enlarged lymph nodes in young patients [letter] Abemayor E, et al. **JAMA** 1985 Mar 1; 253(9):1260

The gauge of nodes: tiny to buckshotty [letter] Stolinsky DC. **JAMA** 1985 Jun 7;253(21):3092

Registry of angiofollicular lymph node hyperplasia [letter] Weisenburger DD, et al. **JAMA** 1985 Mar 15;253(11):1560

Gravimetric, histological and cytotoxic changes of lymphoreticular tissue after implantation of tumor cells in mice. Morita K, et al. **Jpn J Surg** 1985 Mar;15(2):166–72

Fine-needle aspiration biopsy: efficacy in the diagnosis of head and neck sarcoidosis. Frable MA, et al. **Laryngoscope** 1984 Oct;94(10):1281–3

Retroperitoneal nodal aplasia, asplenia, chylous effusion and lymphatic dysplasia: an acquired immunodeficiency syndrome? Carini L, et al. **Lymphology** 1985 Mar;18(1):31–6

Thermal injury and induced thermotolerance in rat lymph nodes. Levine S, et al. **Lymphology** 1985 Mar;18(1):46–52

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 14–1985. A 55-year-old man with diarrhea, dilatation of the small bowel, and hepatosplenomegaly. **N Engl J Med** 1985 Apr 4; 312(14):905–14

Hodgkin's disease in a patient with Castleman's disease [letter] McAloon EJ. **N Engl J Med** 1985 Sep 19; 313(12):758

Malignant lymphoma of the small bowel associated with diffuse nodular lymphoid hyperplasia. Matuchansky C, et al. **N Engl J Med** 1985 Jul 18;313(3):166–71

Immunological markers of peripheral blood and lymph node lymphocytes in Hodgkin's disease. González M, et al. **Neoplasma** 1985;32(2):191–8

Transformation of Lennert's lymphoma into malignant lymphoma of pleomorphic type. Ikuta T, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):81–8

A 56-year-old man with fever, a changing heart murmur, anemia, and hepatosplenomegaly [clinical conference] **NY State J Med** 1984 Oct;84(10):507–14

Giant lymph node hyperplasia associated with heavy proteinuria. Crook MJ, et al. **NY State J Med** 1984 Oct; 84(10):515–7

Adenocarcinoma of the uterine cervix: histologic variables associated with lymph node metastasis and survival. Berek JS, et al. **Obstet Gynecol** 1985 Jan;65(1):46–52

Time-dependent changes in the axillary nodes in breast cancer: nodal area. Hartveit F, et al. **Oncology** 1985; 42(4):210–6

Nevus cells in axillary lymph nodes from radical mastectomy specimens. Andreola S, et al. **Pathol Res Pract** 1985 May; 179(6):616–8

Early local reaction and lymph node permeation of rat carcinoma HH9-cl 14 cells. An immunohistological approach. Grundmann E, et al. **Pathol Res Pract** 1985 Jan; 179(3):304–9

Stereological analysis of non-Hodgkins lymphomas. Zardawi IM, et al. **Pathology** 1984 Oct;16(4):387–92

Lymphography and percutaneous fine needle node aspiration biopsy in the staging of bladder carcinoma. Boccon-Gibod L, et al. **Prog Clin Biol Res** 1984;162A:267–73

Oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma. Khan A, et al. **Radiology** 1985 Aug;156(2):295–8

Sézary syndrome: phenotypic and functional characterization of the neoplastic cells. Ralfkiaer E, et al. **Scand J Haematol** 1985 May;34(5):385–93

Mucocutaneous lymph node syndrome in an adult, with lymph node biopsy correlation. Keim DE, et al. **South Med J** 1985 Jul;78(7):872–4

Calcified abdominal Castleman's disease: plain film and sonographic features. Loevinger EH, et al. **South Med J** 1984 Oct;77(10):1310–1

Extrathoracic lymph node aspiration in bronchial carcinoma. Phillips MS, et al. **Thorax** 1985 May;40(5):398

Prognosis of the pancreatic cancer in terms of the regional lymph node reaction. Matsuno S, et al. **Tohoku J Exp Med** 1985 Mar;145(3):291–302

Telethermography and axillary node status as predictors of early relapse in breast cancer: preliminary report. Mustacchi G, et al. **Tumori** 1984 Oct 31;70(5):455–8

Tumorlike proliferation of 'granular histiocytes' in a lymph node. Dharkar D, et al. **Ultrastruct Pathol** 1984;7(4):339–43

Investigation of retroperitoneal lymph nodes in Hodgkin's disease. Magnusson A, et al. **Ups J Med Sci** 1984; 89(3):205–12

Regional node aspiration cytology in staging penile cancer [letter] Luciani L, et al. **Urology** 1985 Apr;25(4):432–3

Experience with modified Chiba needle in staging of genitourinary tumors. Luciani L, et al. **Urology** 1985 Jun; 25(6):568–72

Staging lymphadenectomy should be an antecedent to treatment in localized prostatic carcinoma. Olsson CA. **Urology** 1985 Feb;25(2 Suppl):4–6

Staging lymphadenectomy should not be an antecedent to treatment in localized prostatic carcinoma. Paulson DF. **Urology** 1985 Feb;25(2 Suppl):7–14

Immunomorphologic and morphometric changes in pulmonary lymph nodes of sheep with progressive pneumonia. Ellis JA, et al. **Vet Pathol** 1985 Jan;22(1):32–41

Smooth muscle proliferation in the hilum of superficial lymph nodes. Channer JL, et al. **Virchows Arch [A]** 1985; 406(3):261–70

Inguinal nephroblastoma. Lüchtrath H, et al. **Virchows Arch [A]** 1984;405(1):113–8

The Omenn's syndrome: histological, immunohistochemical and ultrastructural evidence for a partial T cell deficiency evolving in an abnormal proliferation of T lymphocytes and S-100 +/T-6 + Langerhans-like cells. Ruco LP, et al. **Virchows Arch [A]** 1985;407(1):69–82

Lymphadenopathy in drug addicts. A study of the distribution of T lymphocyte subsets in the lymph nodes. Toccanier MF, et al. **Virchows Arch [A]** 1985;406(2):149–63

Distribution of dendritic reticulum cells in follicular lymphoma and reactive hyperplasia. Light microscopic identification and general morphology. Peters JP, et al. **Virchows Arch [Cell Pathol]** 1984;46(3):215–28

The paracortical area in reactive lymph nodes demonstrating sinushistiocytosis. An enzyme- and immunohistochemical study. van den Oord JJ, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):77–85

Entamoeba histolytica: antibody responses and lymphoreticular changes in gerbils (Meriones unguiculatus) in response to experimental liver abscess and amebic extract infection. Chadee K, et al. **Z Parasitenkd** 1984;70(6):781–95

[Nodal syndrome in differentiated carcinoma of the thyroid gland] Němec J, et al. **Rozhl Chir** 1985 Mar;64(3):186–90 (Eng. Abstr.) (Cze)

[Skin manifestations of the Rosai–Dorfman syndrome] Avril MF, et al. **Ann Dermatol Venereol** 1984;111(8):661–2 (Fre)

[Diagnostic problems of tuberculoid cervical adenitis. Apropos of 70 cases] Brette MD, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):593–600 (Eng. Abstr.) (Fre)

[Cervical adenopathies in relation to AIDS. Course of histological aspects. Diagnostic and prognostic value] Marche C, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):299–303 (Eng. Abstr.) (Fre)

[Persistent generalized adenopathies in subjects at high risk of AIDS. Diagnostic and prognostic value of lymph node lesion syndromes. Apropos of 8 cases] Canioni D, et al. **Arch Anat Cytol Pathol** 1985;33(3):129–39 (Eng. Abstr.) (Fre)

[Histopathological aspects of lymph nodes in the prodromal phase of the acquired immunodeficiency syndrome and related conditions] Diebold J, et al. **Arch Anat Cytol Pathol** 1984;32(4):253–4 (Fre)

[Generalized lymphadenopathy syndrome related to AIDS. Histopatholigic aspects of the lymph nodes] Marche C, et al. **Bull Acad Natl Med (Paris)** 1984 Jan–Feb;168(1–2):271–7 (Eng. Abstr.) (Fre)

[Method of efficacious immunization against syngeneic murine sarcoma] Schaaf-Lafontaine N, et al. **C R Soc Biol (Paris)** 1985;179(1):122–7 (Eng. Abstr.) (Fre)

[Nodular lymphoid hyperplasia. Diffuse form extending from the duodenal bulb to the rectum, associated with agammaglobulinemia] Bersani D, et al. **J Radiol** 1984 Dec; 65(12):863–7 (Eng. Abstr.) (Fre)

[Isolated primary inguinal lymph node plasmocytoma (letter)] Guez T, et al. **Presse Med** 1985 May 4;14(18):1036 (Fre)

[Iatronic section of the spinal nerve in cervical lymph node biopsies] Arjane G, et al. **Union Med Can** 1985 Apr; 114(4):319–22, 329 (Eng. Abstr.) (Fre)

[Ganglionary cirrhosis... does that mean anything to you?] Gareau R. **Union Med Can** 1985 Jan;114(1):65–6 (Fre)

[Lymph node biopsy in lymphadenopathy syndrome and AIDS (letter)] Müller H, et al. **Dtsch Med Wochenschr** 1985 Sep 6;110(36):1391 (Ger)

[Histological structure of the primary tumor and status of the regional lymph nodes in breast cancer] Geppert M, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):710–4 (Eng. Abstr.) (Ger)

[Diagnostic value of cervical lymph node biopsy in suspected nasopharyngeal cancer] Mees K, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):188–90 (Eng. Abstr.) (Ger)

[Cytodiagnosis of lymph node metastases in the region of the head and neck] Müller HA. **Pathologe** 1984 Oct; 5(5):247–51 (Ger)

[Changes in the peripheral lymph nodes seen by ultrasonics] Brockmann WP, et al. **Ultraschall Med** 1985 Jun;6(3):164–9 (Eng. Abstr.) (Ger)

[Histomorphologic studies of prostate biopsies, prostatectomy preparations and lymph node metastases in prostatic cancer] Schubert J, et al. **Z Urol Nephrol** 1984 Sep; 77(9):521–8 (Eng. Abstr.) (Ger)

[Lymphoid follicular hyperplasia of the small intestine] Dibuz M, et al. **Orv Hetil** 1985 Aug 4;126(31):1921–3 (Eng. Abstr.) (Hun)

[Fine-needle aspiration cytology of the cervical lymph nodes] Fontana P, et al. **Acta Otorhinolaryngol Ital** 1984 Sep–Oct;4(5):599–606 (Eng. Abstr.) (Ita)

[Castleman's lymphoma: a case with retroperitoneal location] Gambacorta G, et al. **Arch De Vecchi Anat Patol** 1983 Jul; 65(2–3):185–94 (Ita)

[Needle biopsy of palpable axillary lymph nodes in preoperative staging of breast cancer] Catania S, et al. **Minerva Ginecol** 1984 Oct;36(10):611–3 (Ita)

[Prognosis of the pancreatic carcinoma in terms of the regional lymph node reaction] Matuno S, et al. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):202–8 (Eng. Abstr.) (Jpn)

[Fine needle aspiration biopsy of metastatic lesions and regional lymph-nodes in genitourinary cancer] Fujioka T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun; 75(6):917–26 (Eng. Abstr.) (Jpn)

[Fine-needle aspiration cytology of retroperitoneal lymph nodes in malignant urogenital tumors] Iizumi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Apr;75(4):633–7 (Eng. Abstr.) (Jpn)

[Fine needle aspiration biopsy of lymph nodes of the neck] Teramura K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):821–5 (Eng. Abstr.) (Jpn)

[A case of plasma cell dyscrasia with polyneuropathy and endocrinopathy associated with Castleman lymphoma showing monoclonal proliferation] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):351–6 (Jpn)

[A case of plasma cell dyscrasia with polyneuropathy and endocrinopathy coexistent with chronic thyroiditis and Castleman lymphoma] Taneichi K, et al. **Nippon Naika Gakkai Zasshi** 1984 Sep;73(9):1369–74 (Jpn)

[A case of common variable immunodeficiency associated with nodular lymphoid hyperplasia of the small intestine and intestinal lymphangiectasia] Koseki H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):508–12 (Jpn)

[A case report of retroperitoneal Castleman's tumor] Iida A, et al. **Rinsho Hoshasen** 1985 Jan;30(1):149–52 (Eng. Abstr.) (Jpn)

[A case of retroperitoneal Castleman's lymphoma] Ikeda K, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1021–4 (Eng. Abstr.) (Jpn)

[Acute leukemia with different cytochemical findings in bone marrow and lymph node] Omori I, et al. **Rinsho Ketsueki** 1985 Feb;26(2):201–5 (Eng. Abstr.) (Jpn)

[Immunohistologic studies on Castleman lymphoma in two cases of plasma cell dyscrasia with polyneuropathy and endocrinopathy (Takatsuki's disease)] Taneichi K, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1266–72 (Eng. Abstr.) (Jpn)

[Favorable transformation of the initial stage of Hodgkin's disease in children--decrease in the incidence of lymphocyte depletion type] Armata J, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):157–9 (Eng. Abstr.) (Pol)

[Peripheral lymph node excision for diagnostic purposes in surgical practice] Przystasz T. **Wiad Lek** 1984 Oct 15; 37(20):1581–5 (Eng. Abstr.) (Pol)

[Localization and clinical picture of adenogenic pulmonary tuberculosis in adults] Belen'kiĭ MS, et al. **Probl Tuberk** 1984 Nov;(11):68–70 (Rus)

[Structural changes in the lymph nodes after burn injury] Ismailova LI. **Vestn Khir** 1984 Dec;133(12):52–4 (Rus)

[Cellular reactions in tumor stroma and reactive changes in regional lymph nodes in breast cancer] Fedin IuV, et al. **Vopr Onkol** 1984;30(11):38–44 (Eng. Abstr.) (Rus)

[Differential diagnosis of enlarged lymph glands in children] Vuković I. **Srp Arh Celok Lek** 1984 Oct;112(10):1103–6 (Scc)

[Differential diagnosis of enlarged lymph glands in children] Vuković I. **Bilt Hematol Transfuz** 1982;10(2–3):71–8 (Scr)

[Value of cytomorphologic findings in transtracheal and/or transbronchial punctures for the prognosis of bronchial carcinoma] Pongrac I, et al. **Plucne Bolesti** 1984 Jan–Jun; 36(1–2):28–33 (Eng. Abstr.) (Scr)

[Possibilities of the prognostic evaluation of lymph node biopsies in chronic lymphocytic leukemia of B origin] Plank L. **Bratisl Lek Listy** 1984 Oct;82(4):1180–9 (Eng. Abstr.) (Slo)

[Localized giant lymph node hyperplasia (Castleman's pseudotumor)] López Aldeguer J, et al. **Med Clin (Barc)** 1985 May 25;84(20):809–13 (Eng. Abstr.) (Spa)

[Febrile syndrome caused by giant angiofollicular hyperplasia (letter)] Quiroga Prado L, et al. **Med Clin (Barc)** 1985 Jun 15;85(3):123–4 (Spa)

[Castleman's disease in the right cardiophrenic sinus] Guembe Urtiaga P, et al. **Rev Clin Esp** 1985 Apr;176(6):311–6 (Eng. Abstr.) (Spa)

[Giganto-follicular lymphadenitis or Castleman's disease. Apropos of a case] Sánchez Rodríguez LM, et al. **Rev Clin Esp** 1985 Mar;176(5):251–4 (Eng. Abstr.) (Spa)

[Giant lymph node hyperplasia (Castleman's disease)] Cejas H, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1984; 42(1):23–6 (Eng. Abstr.) (Spa)

[Remote lymph nodes in the immunodiagnosis of cancer of the breast (prognostic value)] Sarría JA, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1982;40(3–4):3–18 (Spa)

PHYSIOLOGY

Afferent lymph and lymph borne cells: their influence on lymph node function. Drayson MT, et al. **Immunobiology** 1984 Dec;168(3–5):362–79

Modification of lymph by sheep caudal mediastinal node: effect of intranodal endotoxin. Adair TH, et al. **J Appl Physiol** 1984 Nov;57(5):1597–601

[Cancer and the lymph nodes] Nishi M, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):983–91 (13 ref.) (Eng. Abstr.) (Jpn)

[Dynamics of lymph node function in disordered innervation] Borodin IuI, et al. **Biull Eksp Biol Med** 1984 Oct; 98(10):418–20 (Eng. Abstr.) (Rus)

PHYSIOPATHOLOGY

[Structural organization of the compensation process in the lymph nodes in venous stasis] Borodin IuI, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):105–7 (Eng. Abstr.) (Rus)

[Disorder of the coagulating activity of afferent and efferent lymph from the popliteal lymph node in burn injury in dogs] Iaroshenko IF, et al. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):17–20 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

The evolution and summary results of the Stanford randomized clinical trials of the management of Hodgkin's disease: 1962–1984. Rosenberg SA, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):5–22

Reduction of fatal complications from combined modality therapy in Hodgkin's disease. Mauch PM, et al. **J Clin Oncol** 1985 Apr;3(4):501–5

Suppression of graft versus-host reactivity in the mouse popliteal node by UVB radiation. Morison WL, et al. **J Invest Dermatol** 1985 Jun;84(6):483–6

In vitro allograft irradiation prevents graft-versus-host disease in small-bowel transplantation. Lee KK, et al. **J Surg Res** 1985 Apr;38(4):364–72

Radiotherapy of stage I and II Hodgkin disease with inguinal presentation. Lanzillo JH, et al. **Radiology** 1985 Jan; 154(1):213–5

Selective avoidance of lymphatic irradiation in the conservative management of breast cancer. Yarnold JR. **Radiother Oncol** 1984 Aug;2(2):79–92

Elective treatment of regional lymph nodes in malignant melanoma. Hietanen T, et al. **Strahlentherapie** 1985 Jan; 161(1):1–4

Reconstruction of lymph follicles in the mouse popliteal lymph node after X-irradiation damage. Hoshi H, et al. **Tohoku J Exp Med** 1984 Oct;144(2):165–81

Immunosuppression. Total lymphoid irradiation. **Transplant Proc** 1985 Feb;17(1 Pt 2):1291–303

[Use of total lymphoid irradiation in the treatment of severe rheumatoid arthritis. Experience of the Arnaldo Vieira de Carvalho Cancer Institute] Scheinberg MA, et al. **AMB** 1984 Jul–Aug;30(7–8):165–9 (Eng. Abstr.) (Por)

[Irradiation of lymphogranulomatosis patients with large fields of complex configuration, calculating absorbed doses by microcomputer] Belyĭ EK, et al. **Ter Arkh** 1985; 57(5):107–10 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Normal mediastinal lymph nodes: number and size according to American Thoracic Society mapping. Glazer GM, et al. **AJR** 1985 Feb;144(2):261–5

Subcarinal lymph node enlargement: radiographic findings and CT correlation. Müller NL, et al. **AJR** 1985 Jul; 145(1):15–9

Should OHT compete with CT to stage the mediastinum noninvasively in lung cancer? [editorial] Faling LJ. **Chest** 1984 Oct;86(4):509–10

Computed tomography in evaluation of extrapelvic lymphadenopathy in carcinoma of the cervix. Bandy LC, et al. **Obstet Gynecol** 1985 Jan;65(1):73–6

Thorium dioxide: still around. Velasquez G, et al. **South Med J** 1985 Jun;78(6):743–5

[Lymphographic structure of the lymph nodes in invasive cervix carcinoma] Leitsmann H. **Radiol Diagn (Berl)** 1984; 25(6):719–24 (Eng. Abstr.) (Ger)

[Differential diagnosis of the axillary lymph node] Eulenburg R, et al. **Rontgenblatter** 1984 Dec;37(12):419–24 (Eng. Abstr.) (Ger)

[Involvement of diaphragmatic lymph nodes in Hodgkin's disease] Kullnig P, et al. **Rontgenblatter** 1984 Aug; 37(8):288–91 (Eng. Abstr.) (Ger)

[Cross section anatomy of mediastinal lymph nodes for CT evaluation--based on lymph nodes mapping of Japan Lung Cancer Society] Takashima T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25; 44(10):1235–9 (Eng. Abstr.) (Jpn)

[Correlation between lymphangiography and abdominal computed tomography in the diagnosis of malignant lymphoma of the retroperitoneal lymph nodes] Sampi K, et al. **Rinsho Ketsueki** 1985 Mar;26(3):362–6 (Eng. Abstr.) (Jpn)

[Characteristics of lymphographic semeiotics in children with lymphogranulomatosis] Baryshnikov VL, et al. **Vestn Rentgenol Radiol** 1984 Sep–Oct;(5):69–75 (Eng. Abstr.) (Rus)

RADIONUCLIDE IMAGING

Abdominal lymphoscintigraphy: an effective substitute for lymphography? Thornton A, et al. **Br J Radiol** 1985 Jul; 58(691):603–10

An evaluation of pelvic lymphoscintigraphy in the staging of colorectal carcinoma. Reasbeck PG, et al. **Br J Surg** 1984 Dec;71(12):936–40

Inadvertent lymphoscintigraphy? Boxen I. **Clin Nucl Med** 1985 Jan;10(1):25–6

Internal mammary lymphoscintigraphy: current status in the treatment of breast cancer. Bourgeois P, et al. **CRC Crit Rev Oncol Hematol** 1983;1(1):21–47 (80 ref.)

Axillary lymphoscintigraphy: current status in the treatment of breast cancer. Frühling JG, et al. **CRC Crit Rev Oncol Hematol** 1983;1(1):1–20 (39 ref.)

Colorectal lymphoscintigraphy: a preliminary report. Himal HS. **Gastrointest Endosc** 1984 Aug;30(4):260–2

Lymphoscintigraphy of the neck. Blakeslee DB, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):361–5

[Peritumor interstitial double nuclide-double compound lymphoscintigraphy in the noninvasive detection of lymphatic metastases in tumors in the area of the face, skull and mouth cavities] Jung H, et al. **Fortschr Kiefer Gesichtschir** 1985;30:178–82 (Ger)

[Animal experiments on the radiopharmacokinetics of endolymphatically administered, labeled albumin-microspheres for the diagnosis of regional lymph node tumors. 3] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):623–8 (Eng. Abstr.) (Ger)

[Animal experiments on the radiopharmacokinetics of endolymphatically administered 125I-liposomes for the diagnosis of regional lymph node tumors. 2] Chačirov DG, et al. **Radiol Diagn (Berl)** 1984;25(5):615-22 (Eng. Abstr.) **(Ger)**

[Clinical evaluation of lymphoscintigraphy in urological disease] Sato T, et al. **Hinyokika Kiyo** 1984 Nov; 30(11):1589-98 (Eng. Abstr.) **(Jpn)**

[Clinical studies on the lymph flow of the stomach by radioisotope lymphography—with special reference to a comparison with lymph node metastasis of stomach cancer] Saihara T. **Igaku Kenkyu** 1984 May;54(5):447-71 (Eng. Abstr.) **(Jpn)**

[A follow-up study of lymphoscintigraphy of malignant lymphoma with 99 Tc-Re colloid] Otsuka N, et al. **Radioisotopes** 1984 Sep;33(9):654-7 **(Jpn)**

[Gamma scintigraphy of lymphatic nodes with metastatic involvement] Mechev DS, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):3-7 (Eng. Abstr.) **(Rus)**

[67Ga citrate scintigraphy of lymph nodes in children with Hodgkin's disease] Shiriaev SV. **Med Radiol (Mosk)** 1985 Jul;30(7):7-11 (Eng. Abstr.) **(Rus)**

[Clinical application of 113mIn-chloride for indirect lower radionuclide lymphography in cancer patients] Kanaev SV, et al. **Vopr Onkol** 1984;30(11):33-7 (Eng. Abstr.) **(Rus)**

SURGERY

Long term results of the enteromesenteric bridge operation in the treatment of primary lymphoedema. Hurst PA, et al. **Br J Surg** 1985 Apr;72(4):272-4

ULTRASTRUCTURE

Electron microscopic demonstration of lysosomal inclusion bodies in lung, liver, lymph nodes, and blood leukocytes of patients with amiodarone pulmonary toxicity. Dake MD, et al. **Am J Med** 1985 Mar;78(3):506-12

Adult T-cell lymphoma. A case report with lymph node studies by monoclonal antibodies and ultrastructure. Fernandes BJ, et al. **Am J Surg Pathol** 1984 Dec; 8(12):931-8

Electron microscopic study on Langerhans cells and related cells in lymph nodes of DNCB-sensitive mice. Sonoda Y, et al. **Arch Dermatol Res** 1985;277(1):44-54

Scanning electron microscope studies of the rat mesenteric lymph node with special reference to high-endothelial venules and hitherto unknown lymphatic labyrinth. He Y. **Arch Histol Jpn** 1985 Feb;48(1):1-15

Benign glandular inclusions [letter] Gritsman AY, et al. **Arch Pathol Lab Med** 1985 May;109(5):389-90

Applicability of imprints to immuno-ultrastructural studies of lymphoid tissues. Tabibzadeh SS, et al. **J Histochem Cytochem** 1985 Sep;33(9):884-90

Ultrastructural localization of intracellular immunoglobulins in Epon-embedded human lymph nodes. An immunoelectron microscopic investigation using the immunogold staining (IGS) and the avidin-biotin-peroxidase complex (ABC) methods. Viale G, et al. **J Histochem Cytochem** 1985 May;33(5):400-6

Isolated follicular dendritic cells: cytochemical antigen localization, Nomarski, SEM, and TEM morphology. Szakal AK, et al. **J Immunol** 1985 Mar;134(3):1349-59

Imported canine visceral leishmaniasis in Denmark. Bindseil E, et al. **Nord Vet Med** 1985 Jan-Feb;37(1):16-21

LYMPHADENITIS

COMPLICATIONS

[Immune deficiency and nonspecific chronic lymphadenitis of twenty years' duration terminating in non-Hodgkin's lymphoma with a 14q+ karyotype and T cell markers] Taniguchi Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1671-9 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Chronic lymphadenopathy in children and adolescents. Margileth AM, et al. **Am Fam Physician** 1985 May; 31(5):166-80

[Advantages and limitations of echography in the study of lymph nodes of the neck] Turetta G, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):703-14 (Eng. Abstr.) **(Ita)**

[Very rare location of a nodal form of acquired toxoplasmosis] Jeżyna C, et al. **Wiad Lek** 1984 Sep 15; 37(18):1457-61 (Eng. Abstr.) **(Pol)**

[Short incubation period and atypical regional scleradenitis in syphilis] Chebotarev KS, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):57-9 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Superficial cervical lymphadenopathy after insertion of earrings. Ashkenazi S, et al. **Am J Dis Child** 1984 Dec; 138(12):1147-8

'Localized' leishmania lymphadenitis: a light and electron microscopic study. Azadeh B. **Am J Trop Med Hyg** 1985 May;34(3):447-55

Oculoglandular syndrome caused by Francisella tularensis. Halperin SA, et al. **Clin Pediatr (Phila)** 1985 Sep; 24(9):520-2

Mycotic cervical lymphadenitis following oral mucositis in children with leukemia. Shenep JL, et al. **J Pediatr** 1985 Feb;106(2):243-6

Infantile multisystem inflammatory disease: a specific syndrome? Yarom A, et al. **J Pediatr** 1985 Mar;106(3):390-6

Mediastinal and supraclavicular lymphadenitis and pneumonitis due to Chlamydia trachomatis serovars L1 and L2. Bernstein DI, et al. **N Engl J Med** 1984 Dec 13; 311(24):1543-6

The diagnosis and treatment of scrofula (mycobacterial cervical lymphadenitis). Domb GH, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):339-41

Cervical adenitis. Marcy SM. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S23-6

Bacillus Calmette-Guérin lymphadenitis: a case report and review of the literature. Victoria MS, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):295-6

[Necrotizing lymphadenitis in leprosy] Delmonte V. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Nov-Dec; 39(6):288-9 (Eng. Abstr.) **(Por)**

[Risk factors in the development of complications after BCG vaccination] Kozlova AV. **Probl Tuberk** 1984 Aug;(8):15-9 (Eng. Abstr.) **(Rus)**

[Cervical adenitis caused by Mycobacterium scrofulaceum (letter)] Ausina V, et al. **Med Clin (Barc)** 1984 Nov 24; 83(17):733 **(Spa)**

MICROBIOLOGY

Disseminated non-tuberculous mycobacteriosis due to atypical type II-Mycobacteria gordonoe. Merchant R, et al. **Indian J Pediatr** 1984 May-Jun;51(410):295-7

Pediatric infectious cervical lymphadenitis. Lane RJ, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):332-5

PATHOLOGY

Acquired toxoplasmic lymphadenitis with demonstration of the cyst in imprints [letter] Fernandez-Rivero CS, et al. **Am J Clin Pathol** 1984 Dec;82(6):751-2

Immature sinus histiocytes. Their identification as a novel B-cell population. Stein H, et al. **Am J Pathol** 1984 Oct; 117(1):44-52

Histiocytic necrotizing lymphadenitis without granulocytic infiltration [letter] Papadimitriou CS, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):107-8

Cat scratch disease of the head and neck. Browne R. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):41-6

Necrotising lymphadenitis. An analysis of seventeen cases. Suseelan AV, et al. **Indian J Pathol Microbiol** 1984 Oct; 27(4):331-4

Herpes simplex lymphadenitis: a case report and review of the published work. Lapsley M, et al. **J Clin Pathol** 1984 Oct;37(10):1119-22

The paracortical area in reactive lymph nodes demonstrating sinushistiocytosis. An enzyme- and immunohistochemical study. van den Oord JJ, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):77-85

[Bäfverstedt lymphadenosis benigna cutis. Differential diagnostic delineation from Paget disease] Litschgi M, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):320-1 (Eng. Abstr.) **(Ger)**

[Subacute necrotizing lymphadenitis] Bartók I, et al. **Orv Hetil** 1984 Nov 4;125(45):2753-6 (Eng. Abstr.) **(Hun)**

[Tuberculous lymphadenitis. Apropos of a non-typical histological picture] Artusi T, et al. **Minerva Med** 1984 Oct 27;75(41):2449-54 (Eng. Abstr.) **(Ita)**

[Contribution to the diagnosis of cervical actinomycosis] Borzecki A, et al. **Przegl Dermatol** 1984 Nov-Dec; 71(6):581-4 (Eng. Abstr.) **(Pol)**

RADIOTHERAPY

Late complications after irradiation treatment for cervical adenitis in childhood. A 60-year follow-up study. Bergström B, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):151-60

THERAPY

[Results of treatment of pleural empyema complicated by infection] Pristaĭko IaI. **Khirurgiia (Mosk)** 1985 May; (5):21-3 **(Rus)**

VETERINARY

An outbreak of Morel's disease (a contagious sheep disease accompanied by abscess formation) in Hungary. Bajmócy E, et al. **Acta Vet Hung** 1984;32(1-2):9-13

Comparison of protection induced in lambs by Corynebacterium pseudotuberculosis whole cell and cell wall vaccines. Brogden KA, et al. **Am J Vet Res** 1984 Nov; 45(11):2393-5

Diagnosis of Corynebacterium pseudotuberculosis infections in sheep, using an enzyme-linked immunosorbent assay. Maki LR, et al. **Am J Vet Res** 1985 Jan;46(1):212-4

Caseous lymphadenitis in sheep imported from Australia for slaughter in Malaysia. Sheikh-Omar AR, et al. **Aust Vet J** 1984 Dec;61(12):410

Abscesses and caseous lymphadenitis in goats in tropical semi-arid north-east Brazil. Unanian MM, et al. **Trop Anim Health Prod** 1985 Feb;17(1):57-62

[Caseous lymphadenitis (CL)] Schreuder BE, et al. **Tijdschr Diergeneeskd** 1984 Oct 1;109(19):771 **(Dut)**

LYMPHADENITIS, TUBERCULOUS see **TUBERCULOSIS, LYMPH NODE**

LYMPHADENOPATHY, IMMUNOBLASTIC see **IMMUNOBLASTIC LYMPHADENOPATHY**

LYMPHANGIECTASIS

COMPLICATIONS

Neonatal pneumothorax, a rare complication of pulmonary cystic lymphangiectasis. Siegal A, et al. **Eur J Respir Dis** 1985 Feb;66(2):153-7

CONGENITAL

Prenatal pleural effusion associated with congenital pulmonary lymphangiectasia. Wilson RH, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):73-6

[Congenital cutaneous, pleural and intestinal disseminated lymphangiectasis] Roth A. **Arch Anat Cytol Pathol** 1984; 32(6):349-52 (Eng. Abstr.) **(Fre)**

[Diffuse pulmonary lymphangiectasia of late disclosure associated with cardiopathy] Pernot C, et al. **Arch Fr Pediatr** 1984 Nov;41(9):617-22 (Eng. Abstr.) **(Fre)**

[Congenital pulmonary lymphangiectasis] Wöckel W, et al. **Zentralbl Allg Pathol** 1984;129(3):215-24 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Lymph-vessel embolism in a case of Whipple's disease. Adams CW, et al. **Histopathology** 1985 Jan;9(1):109-15

Lymphangiectatic fibrous polyp of the palatine tonsil. A report of three cases. Hiraide F, et al. **J Laryngol Otol** 1985 Apr;99(4):403-9

RADIOGRAPHY

Localized pulmonary lymphangiectasia. Li YW, et al. **AJR** 1985 Aug;145(2):269-70

RADIONUCLIDE IMAGING

Lymphoscintigraphy. Pulmonary lymphangiectasia. Sty JR, et al. **Clin Nucl Med** 1984 Dec;9(12):716

LYMPHANGIECTASIS, INTESTINAL see under **PROTEIN-LOSING ENTEROPATHIES**

LYMPHANGIOENDOTHELIOMA see **LYMPHANGIOMA**

LYMPHANGIOENDOTHELIOMA, MALIGNANT see **LYMPHANGIOSARCOMA**

LYMPHANGIOMA

Massive symptomatic cystic hygroma confined to the thorax in early childhood. Moore TC, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):459-62

Scrotal lymphocele complicating renal transplantation. Kaude JV, et al. **Lymphology** 1984 Sep;17(3):81-2

[Cystic lymphangioma: etiopathogenetic and diagnostic considerations apropos of 2 cases] Bandettini L, et al. **Chir Ital** 1985 Apr;37(2):157-64 (Eng. Abstr.) **(Ita)**

[Lymphangiomas in children] Tchorzewski J. **Pediatr Pol** 1984 Oct;59(10):881-5 **(Pol)**

COMPLICATIONS

Eyelid ecchymosis and proptosis in lymphangioma. Dryden RM, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):486-7

Isolated chylopericardium due to lymphangiomatous dysplasia of the thymus. de Haan HP, et al. **Eur Heart J** 1984 Oct;5(10):846-9

Hygroma cervicis associated with Turner's syndrome: antenatal diagnosis and management. Korndorffer FA, et al. **J La State Med Soc** 1984 Sep;136(9):37-8

[Incidence and treatment of subdural hygroma in severe head injuries] Born JD, et al. **Acta Neurol Belg** 1984 Aug-Oct; 84(4):174-82 (Eng. Abstr.) **(Fre)**

[Lymphangioma of the orbit] Chaker M, et al. **Tunis Med** 1983 Nov-Dec;61(6):401-4 (Eng. Abstr.) **(Fre)**

[Ileus in cystic lymphangioma of the omentum] Schneider B, et al. **Chirurg** 1985 May;56(5):347-9 **(Ger)**

[Intracranial arachnoid cyst associated with subdural hygroma: report of a case] Tortelly-Costa AC, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):91-7 (Eng. Abstr.) **(Por)**

[Cystic lymphangioma of the neck with suppuration and perforation of the trachea] Sidorov SD. **Khirurgiia (Mosk)** 1985 Mar;(3):121 **(Rus)**

[Lymphangiomatosis complicated by chylothorax] Bugaeva MI, et al. **Sov Med** 1984;(7):112-3 **(Rus)**

CONGENITAL

Cystic hygroma and multiple pterygium syndrome. Fryns JP, et al. **Ann Genet (Paris)** 1984;27(4):252-3

A case report of lingual lymphangioma presenting as recurrent massive tongue enlargement. Rice JP, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):47-50

Renal lymphangioma: a cause of neonatal nephromegaly. Pickering SP, et al. **Pediatr Radiol** 1984;14(6):445-8

[Tracheobronchial compression by congenital tumors] Chappuis JP. **Chir Pediatr** 1984;25(4-5):279-83 (Eng.

Abstr.) **(Fre)**

[Twin pregnancy and malformation of one of the fetuses] Bianchi R, et al. **Rev Chil Obstet Ginecol** 1981;46(4):215–9 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Antenatally diagnosed hygroma colli. Tóth Z, et al. **Acta Paediatr Hung** 1984;25(4):333–8

Cavernous lymphangioma of the lip: report of case. Eppley BL, et al. **J Am Dent Assoc** 1985 Apr;110(4):503–4

A sonographic study of fetal cystic hygromas. Chervenak FA, et al. **JCU** 1985 Jun;13(5):311–5

The differential prenatal diagnosis of cystic hygromata and encephalocele by ultrasound examination. Pearce JM, et al. **JCU** 1985 Jun;13(5):317–20

Prenatal diagnosis of recurrence of cystic hygroma with normal chromosomes. Dallapiccola B, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):383–6

Cystic hygroma: prenatal diagnosis and genetic counselling. Marchese C, et al. **Prenat Diagn** 1985 May–Jun;5(3):221–7

Cystic hygromata in trisomy 18 and 21. Pearce JM, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):371–5

Aneuploidy and cystic hygroma detectable by ultrasound. Redford DH, et al. **Prenat Diagn** 1984 Sep–Oct;4(5):377–82

Antenatal diagnosis of Turner's syndrome. Bluth EI, et al. **South Med J** 1984 Oct;77(10):1335–6

[Diagnosis and surgical treatment of cervico-mediastinal and mediastinal cystic lymphangioma] Zhang MW. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):584–5, 636 (Eng. Abstr.) **(Chi)**

[A case of cavernous lymphangioma of the spleen] Gondoh M, et al. **Rinsho Hoshasen** 1985 May;30(5):625–8 (Eng. Abstr.) **(Jpn)**

[Diagnostic imaging of hemangioma and lymphangioma of the soft tissue in children] Nakajima T, et al. **Rinsho Hoshasen** 1984 Sep;29(9):987–91 (Eng. Abstr.) **(Jpn)**

[Chylangioma simulating tuberculous peritonitis] Shcherba BV, et al. **Probl Tuberk** 1985;(3):66–7 **(Rus)**

[Lymphangiomas of the omentum in children] Kushch NL, et al. **Vestn Khir** 1985 May;134(5):101–5 (Eng. Abstr.) **(Rus)**

[Intra-abdominal cystic lymphangioma. Prenatal diagnosis] Clavera Roger M, et al. **An Esp Pediatr** 1984 Nov 30; 21(8):777–8 **(Spa)**

[Prenatal echographic diagnosis of fetal cystic hygroma. Clinical cases] Avilés G. **Rev Chil Obstet Ginecol** 1982; 47(6):427–30 (Eng. Abstr.) **(Spa)**

[Cystic hygroma: prenatal diagnosis. Anatomo-clinical case] González J, et al. **Rev Chil Obstet Ginecol** 1983;48(5):293–7 (Eng. Abstr.) **(Spa)**

[Cystic lymphangioma of the pancreas] Gómez Dorronsoro ML, et al. **Rev Esp Enferm Apar Dig** 1984 Sep;66(3):245–9 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Scrotal lymphocele complicating renal transplantation. Kaude JV, et al. **Lymphology** 1984 Sep;17(3):81–2

Diagnosis and treatment of pelvic lymphoceles in the renal transplant recipient. Lessner AM, et al. **NY State J Med** 1984 Oct;84(10):491–4

Residual lymphocele. Gooding GA. **Urology** 1985 Apr; 25(4):368–70

OCCURRENCE

An epidemic-like appearance of congenital cystic hygroma. Zimmer EZ, et al. **Acta Obstet Gynecol Scand** 1984; 63(5):451–3

PATHOLOGY

Picture of the month. Hemangioma and lymphangioma of the nose. Feingold M. **Am J Dis Child** 1985 Mar; 139(3):319–20

Lymphangioma presenting as a nasal polyp in an infant. Beneck D, et al. **Arch Pathol Lab Med** 1985 Aug; 109(8):773–5

Multifocal cystic hygroma: report of case. Kischinovsky D, et al. **ASDC J Dent Child** 1984 Nov–Dec;51(6):444–7

Retroperitoneal lymphangioleiomyomatosis. A 36-year benign course in a postmenopausal woman. Bhattacharyya AK, et al. **Cancer** 1985 Sep 1;56(5):1144–6

Cystic lymphangioma of the colon. Report of a case and review of the literature. Kuroda Y, et al. **Dis Colon Rectum** 1984 Oct;27(10):679–82

Lymphangiosarcoma of the hand arising in a pre-existing non-irradiated lymphangioma. Moss AL, et al. **J Hand Surg [Br]** 1985 Jun;10(2):239–42

Polypoid lymphangioma of the tonsil: report of two cases and review of the literature. Al Samarrae SM, et al. **J Laryngol Otol** 1985 Aug;99(8):819–23

Malignant endothelial neoplasm arising in the area of lymphangioma: immunohistochemical and ultrastructural observation. Nagata M, et al. **J Oral Pathol** 1984 Dec; 13(6):560–72

Abdominal cystic hygroma. Jones AS, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):319–20

Retroperitoneal cystic lymphangioma. Kapoor VK, et al. **NY State J Med** 1985 Jan;85(1):36–7

Small lymphangiomas of the eyelids. Pang P, et al. **Ophthalmology** 1984 Oct;91(10):1278–84

Cervical lymphangioma in the adult. Schefter RP, et al. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):65–9

[Lymphangioma of the palatine amygdaloid body] Pitois M, et al. **Rev Laryngol Otol Rhinol (Bord)** 1985;106(1):67–70 (Eng. Abstr.) **(Fre)**

[Cystic lymphangioma of the kidney. Clinical and morphologic findings] Bettendorf U, et al. **Urologe [Ausg A]** 1985 Jan;24(1):52–5 (Eng. Abstr.) **(Ger)**

[A rare case of hygroma of the back] Romanini L, et al. **Chir Organi Mov** 1982–83;68(4–6):791–5 (Eng. Abstr.) **(Ita)**

[Lymphangioma of the spleen. Apropos of 2 cases] Peradotto F, et al. **Minerva Med** 1984 Oct 13;75(39):2295–300 (Eng. Abstr.) **(Ita)**

[Lymphangioma of the tongue. Apropos of 2 cases] Rampini E, et al. **Minerva Pediatr** 1985 Mar 31;37(5–6):259–61 (Eng. Abstr.) **(Ita)**

[Hemo-lymphangioma of the scrotum and penis] Izumi T, et al. **Hinyokika Kiyo** 1985 Jan;31(1):159–64 (Eng. Abstr.) **(Jpn)**

[Giant cystic lymphangioma of the spleen] Bruns VA, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):118–9 **(Rus)**

[Metachronous bilateral cystic lymphangioma of the retroperitoneal space in a pregnant woman] Seleznika NI. **Klin Khir** 1985 May;(5):60–1 **(Rus)**

PHYSIOPATHOLOGY

Hepatic lymphangiomatosis. Report of a case and review of the literature. Van Steenbergen W, et al. **Gastroenterology** 1985 Jun;88(6):1968–72

RADIOGRAPHY

The upright film in lymphangiographic detection of lymphangiomatosis. Miller DL, et al. **AJR** 1985 Oct; 145(4):847–8

Roentgenogram of the month. Asymptomatic, highly vascularized superior mediastinal mass. Shaked A, et al. **Chest** 1984 Oct;86(4):621–2

Solitary intraosseous lymphangioma. A case report. Jumbelic M, et al. **J Bone Joint Surg [Am]** 1984 Dec;66(9):1479–81

Cystic lymphangioma of the pancreas: CT demonstration. Pandolfo I, et al. **J Comput Assist Tomogr** 1985 Jan–Feb; 9(1):209–10

Mediastinal cystic hygromas: CT characteristics and pathogenetic consideration. Shin MS, et al. **J Comput Assist Tomogr** 1985 Mar–Apr;9(2):297–301

Computed tomography of mediastinal cystic hygroma in an adult: case report and review of the literature. Tatu WF, et al. **J Comput Tomogr** 1985 Jul;9(3):233–6

Lymphangioma circumscriptum. Wasenko JJ, et al. **Lymphology** 1985 Mar;18(1):22–3

[Lymphographic detection of a vertebral lymphangioma] Wenz W, et al. **Radiologe** 1984 Aug;24(8):381–8 (29 ref.) (Eng. Abstr.) **(Ger)**

[Mediastinal lymphangioma--value of computed tomography] Fezoulidis I, et al. **ROFO** 1985 Jul; 143(1):105–7 **(Ger)**

[Use of computerized tomography in the diagnosis of thoracic tumors] Walecki J, et al. **Wiad Lek** 1984 Sep 1; 37(17):1313–9 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

Scintigraphic assessment of renal graft function and complicating lymphocele. Reddy J, et al. **Br J Urol** 1984 Oct;56(5):550–1

SURGERY

Management of giant cystic hygromas in infants. Seashore JH, et al. **Am J Surg** 1985 Apr;149(4):459–65

Treatment of lymphocele in renal allograft recipients. Greenberg BM, et al. **Arch Surg** 1985 Apr;120(4):501–4

Tumor conference 55. Lymphangioma of the lip. Bart RS, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):203–6

Hemangiolymphangioma of the tongue treated by transfixion technique. Vilalta J, et al. **J Dermatol Surg Oncol** 1985 Feb;11(2):168–70

[Hemangioma and lymphangioma of the mediastinum--report of 6 cases] Xu LT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):56–8 (Eng. Abstr.) **(Chi)**

[Clinical aspects and therapy of lymphangiomas, hemangiomas and nevi in the area of the head and neck] Drepper H. **HNO** 1985 Jul;33(7):293–302 (Eng. Abstr.) **(Ger)**

[Cystic neoformations of the retroperitoneal space (4 case reports)] Danieli D, et al. **Chir Ital** 1983 Apr;35(2):157–79 (Eng. Abstr.) **(Ita)**

THERAPY

[Nevi, hemangiomas and lymphangiomas in the head and neck area] **Arch Otorhinolaryngol [Suppl]** 1984;2:55–68 **(Ger)**

ULTRASTRUCTURE

[Lymphangioma of the conjunctiva] Spitznas M, et al. **Fortschr Ophthalmol** 1984;81(4):365–6 (Eng. Abstr.) **(Ger)**

LYMPHANGIOMYOMA see under **LYMPHOPROLIFERATIVE DISORDERS**

LYMPHANGIOSARCOMA

ETIOLOGY

Lymphangiosarcoma in chronic lymphedema that followed dissection of the groin in surgical management of a malignant melanoma. Ronan SG, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:245–51

Lymphangiosarcoma of the edematous thigh after radiation therapy for carcinoma of the vulva. Huey GR, et al. **Gynecol Oncol** 1985 Mar;20(3):394–401

[Stewart-Treves syndrome] Giudice PA, et al. **Minerva Chir** 1984 Nov 30;39(22):1623–4 **(Ita)**

PATHOLOGY

Lymphangiosarcoma in two cats. Walsh KM, et al. **J Comp Pathol** 1984 Oct;94(4):611–4

Lymphangiosarcoma of the hand arising in a pre-existing non-irradiated lymphangioma. Moss AL, et al. **J Hand Surg [Br]** 1985 Jun;10(2):239–42

[Stewart-Treves syndrome] Pirard C, et al. **Dermatologica** 1985;170(6):286–92 (Eng. Abstr.) **(Fre)**

[Lymphangiosarcoma arising on a lymphedematous arm in a mastectomy patient (or Stewart-Treves syndrome). Description of a case with optic microscopy and electron microscopy findings] Arcuri V, et al. **Pathologica** 1984 Nov–Dec;76(1046):737–42 (Eng. Abstr.) **(Ita)**

SURGERY

[Lymphangiosarcoma of the lyphedematous arm following breast amputation (Stewart-Treves syndrome)] Heevel JG, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1054–6 (Eng. Abstr.) **(Dut)**

LYMPHANGITIS

COMPLICATIONS

[Occult gastric adenocarcinoma with pulmonary carcinomatous lymphangitis and microangiopathic hemolytic anemia in a young adult] Bisetti A, et al. **Schweiz Med Wochenschr** 1985 Apr 20;115(16):561–4 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

[2 cases of sclerosing lymphangitis of the sex organs] Vitenchuk SZ, et al. **Vestn Dermatol Venerol** 1984 Sep; (9):64–5 **(Rus)**

ETIOLOGY

Lymphangitis and scarlet fever after finger injury from a computer game. Walker E. **J R Coll Gen Pract** 1984 Dec; 34(269):688

[An unusual form of neoplastic lymphangitis in an irradiated field] Dana M, et al. **Ann Dermatol Venereol** 1984; 111(9):799–802 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Endovasal granulomatous lymphangiitis as a pathogenetic factor in cheilitis granulomatosa. Nožička Z. **J Oral Pathol** 1985 May;14(5):363–5

PHYSIOPATHOLOGY

[Diffuse pulmonary carcinomatous lymphangitis. Study of respiratory function in 18 cases] Weynants P, et al. **Rev Mal Respir** 1984;1(6):343–9 (Eng. Abstr.) **(Fre)**

LYMPHATIC DISEASES

see related
CHYLOTHORAX
LEUKEMIA, LYMPHOBLASTIC
LEUKEMIA, LYMPHOCYTIC
LYMPHOMA

Hemangioma in a lymph node. Almagro UA, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):576–8

Lymphadenopathy in a family practice: a descriptive study of 249 cases. Williamson HA Jr. **J Fam Pract** 1985 May; 20(5):449–52

Lymphatic filariasis. Fourth report of the WHO Expert Committee on Filariasis. **WHO Tech Rep Ser** 1984; 702:3–112

BLOOD

Raised serum neopterin levels and imbalances of T-lymphocyte subsets in viral diseases, acquired immune deficiency and related lymphadenopathy syndromes. Kern P, et al. **Biomed Pharmacother** 1984;38(8):407–11

Serum copper, serum ceruloplasmin, and erythrocyte sedimentation rate measurements in children with Hodgkin's disease, non-Hodgkin's lymphoma, and nonmalignant lymphadenopathy. Margerison AC, et al. **Cancer** 1985 Apr 1;55(7):1501–6

Disproportionate expansion of a minor T cell subset in patients with lymphadenopathy syndrome and acquired immunodeficiency syndrome. Lewis DE, et al. **J Infect Dis** 1985 Mar;151(3):555–9

CHEMICALLY INDUCED

Diltiazem and generalized lymphadenopathy [letter] Scolnick B, et al. **Ann Intern Med** 1985 Apr;102(4):558

Silicone-induced foreign body reaction and lymphadenopathy after temporomandibular joint arthroplasty. Dolwick MF, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):449-52

COMPLICATIONS

Abdominal lymphadenopathy in intravenous drug addicts: sonographic features and clinical significance. Subramanyam BR, et al. **AJR** 1985 May;144(5):917-20

Osseous pseudotumor. The sole manifestation of sinus histiocytosis with massive lymphadenopathy. Lewin JR, et al. **Am J Clin Pathol** 1985 Oct;84(4):547-50

Interstitial lung disease and hilar adenopathy in a 28-year-old man with aplastic anemia [clinical conference] **Am J Med** 1985 Apr;78(4):659-68

Hodgkin's disease in homosexual men with generalized lymphadenopathy. Schoeppel SL, et al. **Ann Intern Med** 1985 Jan;102(1):68-70

Herpes simplex virus type 2 encephalitis in two homosexual men with persistent lymphadenopathy. Dix RD, et al. **Ann Neurol** 1985 Feb;17(2):203-6

Lymphadenopathic and oropharyngeal Kaposi's sarcoma in a drug addict with acquired immunodeficiency syndrome. Immunological abnormalities in peripheral blood and lymphoid tissue. Facchetti F, et al. **Appl Pathol** 1984; 2(2):103-9

Multiple myeloma in a homosexual man with chronic lymphadenopathy. Vandermolen LA, et al. **Arch Intern Med** 1985 Apr;145(4):745-6

Lymphoid hypophysitis in a patient with lymphoid thyroiditis, lymphoid adrenalitis, and idiopathic retroperitoneal fibrosis. Sobrinho-Simões M, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):230-3

Upper abdominal lymphadenopathy as first presentation of relapse, identified by ultrasonography, in patients treated for small cell (oat cell) bronchogenic carcinoma. Smith D, et al. **Br J Dis Chest** 1985 Apr;79(2):141-6

Adult T-cell leukemia-lymphoma with mediastinal involvement and an asymptomatic chronic phase. Amato D, et al. **Can Med Assoc J** 1984 Sep 15;131(6):595-600

Paraproteinemia in patients with acquired immunodeficiency syndrome (AIDS) or lymphadenopathy syndrome (LAS). Heriot K, et al. **Clin Chem** 1985 Jul;31(7):1224-6

Frequency and anatomic distribution of lymphadenopathic Kaposi's sarcoma in the acquired immunodeficiency syndrome: an autopsy series. Moskowitz LB, et al. **Hum Pathol** 1985 May;16(5):447-56

Outbreak of persistent, unexplained, generalized lymphadenopathy with immunological abnormalities in drug addicts in Milan. Lazzarin A, et al. **Infection** 1984 Nov-Dec;12(6):372-6

Acquired hyper-IgM syndrome with necrotizing granuloma. Goldstein MF, et al. **J Allergy Clin Immunol** 1985 Apr; 75(4):472-8

Unusual vascular tumour of the scalp in association with lymphoid aggregates: a variant of angiolymphoid hyperplasia? Dawson J, et al. **J Cutan Pathol** 1984 Dec; 11(6):506-12

Hypereosinophilic syndrome. Masuda T, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):175-9

Lymphatic compression of the superficial branch of the radial nerve--a case report. Fossati E, et al. **J Hand Surg [Am]** 1984 Nov;9(6):898-900

Epstein-Barr virus infections in homosexual men with chronic, persistent generalized lymphadenopathy. Chang RS, et al. **J Infect Dis** 1985 Mar;151(3):459-63

Intrathoracic lymphadenopathy in malignant lymphoma and acute lymphoblastic leukemia. Wanachiwanawin W, et al. **J Med Assoc Thai** 1984 Dec;67(12):663-9

Non-traumatic chylothorax associated with diffuse lymphatic dysplasia. Mine H, et al. **Lymphology** 1984 Dec;17(4):111-2

Chronic lymphadenopathy and Sjogren's syndrome in a homosexual man [letter] Gordon JJ, et al. **N Engl J Med** 1984 Nov 29;311(22):1441-2

HTLV-III viremia in homosexual men with generalized lymphadenopathy [letter] Kaplan JE, et al. **N Engl J Med** 1985 Jun 13;312(24):1572-3

Inflammatory neuropathy in homosexual men with lymphadenopathy. Lipkin WI, et al. **Neurology** 1985 Oct; 35(10):1479-83

Sinus histiocytosis with massive lymphadenopathy: skeletal involvement. Puczynski MS, et al. **Pediatr Radiol** 1985; 15(4):259-61

Unilateral ureteral obstruction secondary to sarcoidosis. Schoenfeld RH, et al. **Urology** 1985 Jan;25(1):57-9

[Experimental model of splanchnic lymphostasis. Induction of chronic pancreatopathy] Bartoš V, et al. **Cas Lek Cesk** 1985 Aug 9;124(32):1003-6 (Eng. Abstr.) **(Cze)**

[AIDS, related syndromes and hemophilia: the situation in France and studies in progress] Allain JP. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):459-61 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

The clinical and imaging spectrum of pancreaticoduodenal lymph node enlargement. Zeman RK, et al. **AJR** 1985 Jun; 144(6):1223-7

Sarcoidosis mimicking cor triatriatum. Echolucency of adenopathy due to sarcoidosis. Walsh TK, et al. **Am J Med** 1985 Mar;78(3):501-5

Immunocytoma of the skin simulating lymphadenosis benigna cutis. van der Putte SC, et al. **Arch Dermatol Res** 1985; 277(1):36-43

A case of large 'thymic granuloma'. Neoplasm of T-zone histiocyte. Suematsu N, et al. **Cancer** 1984 Dec 1; 54(11):2480-6

Asymptomatic lymphadenopathy and other early presentations of AIDS. Abrams DI. **Front Radiat Ther Oncol** 1985;19:59-65 (18 ref.)

Retroperitoneal nodal aplasia, asplenia, chylous effusion and lymphatic dysplasia: an acquired immunodeficiency syndrome? Carini L, et al. **Lymphology** 1985 Mar;18(1):31-6

Characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results. Dooms GC, et al. **Radiology** 1985 Jun;155(3):691-7

Magnetic resonance imaging of the lymph nodes: comparison with CT. Dooms GC, et al. **Radiology** 1984 Dec; 153(3):719-28

[Etiological diagnosis of chronic cervical adenopathies] Hamza M, et al. **Tunis Med** 1984 Sep;62(5):357-61 (Eng. Abstr.) **(Fre)**

[Retroperitoneal lymphadenopathy in cat scratch syndrome] Bitterman H, et al. **Harefuah** 1985 Jan 1;108(1):21-3 (Eng. Abstr.) **(Heb)**

[A case of amyloidosis with BHL (bilateral hilar lymphadenopathy), suspected to be sarcoidosis] Kikuchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):245-8 (Eng. Abstr.) **(Jpn)**

[Clinical and therapeutic comments on 2 cases of toxoplasmosis with cervical lymph node localization] Miloşescu P, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):115-21 (Eng. Abstr.) **(Rum)**

[Differential diagnosis of enlarged lymph glands in children] Vuković I. **Srp Arh Celok Lek** 1984 Oct;112(10):1103-6 **(Scc)**

[Lymphocutaneous sporotrichosis] Berner E, et al. **Rev Med Chil** 1984 Jun;112(6):577-81 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Preliminary clinical observations with recombinant interleukin-2 in patients with AIDS or LAS. Kern P, et al. **Blut** 1985 Jan;50(1):1-6

ENZYMOLOGY

Serum lactate dehydrogenase levels in adults and children with acquired immune deficiency syndrome (AIDS) and AIDS-related complex: possible indicator of B cell lymphoproliferation and disease activity. Effect of intravenous gammaglobulin on enzyme levels. Silverman BA, et al. **Am J Med** 1985 May;78(5):728-36

Elevated levels of interferon-induced 2'-5' oligoadenylate synthetase in generalized persistent lymphadenopathy and the acquired immunodeficiency syndrome. Read SE, et al. **J Infect Dis** 1985 Sep;152(3):466-72

[Serum angiotensin convertase activity and clinical course of sarcoidosis. Course studies in Löfgren syndrome] Sehrt I, et al. **Z Erkr Atmungsorgane** 1985;164(1):39-42 (Eng. Abstr.) **(Ger)**

ETIOLOGY

Isolated amyloid lymphadenopathy. Naschitz JE, et al. **Acta Haematol (Basel)** 1984;72(4):274-7

Immunologic abnormalities and their significance in sinus histiocytosis with massive lymphadenopathy. Foucar E, et al. **Am J Clin Pathol** 1984 Nov;82(5):515-25

Lymphadenopathy in Indian kala-azar. Nandy A, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):331-2

Lymphadenopathy and selective IgA deficiency. French MA. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):646-7

A classification of HTLV-III infection based on 75 cases seen in a suburban community. Kaplan MH, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4655s-4658s

Nocardia brasiliensis lymphocutaneous syndrome in a patient with lymphosarcoma. Wishnitzer R, et al. **Dermatologica** 1984;169(4):215-6

Evaluation of cervical adenopathy. Winkler CW. **J SC Med Assoc** 1984 Aug;80(8):408-10

Pathology of superficial lymph node in children and young adults in Enugu, Nigeria. Ejeckam GC, et al. **J Trop Pediatr** 1984 Dec;30(6):307-9

Complications of silicone implant [letter] Schned AR, et al. **JAMA** 1985 Feb 1;253(5):635

The lymphatic filariases [editorial] **Lancet** 1985 May 18; 1(8438):1135-6

Lymphadenopathy syndrome in two thalassemic patients after LAV contamination by blood transfusion [letter] Boiteux F, et al. **N Engl J Med** 1985 Mar 7;312(10):648-9

Lymphadenopathy and suppressed emotion [letter] Tait MJ. **NZ Med J** 1985 Aug 14;98(784):655

Sarcoidosis: a cause of bilateral hilar lymphadenopathy after excision of malignant melanoma of the arm. Rubinstein I, et al. **South Med J** 1985 Sep;78(9):1139-40

Botryomycosis caused by Serratia marcescens. Valainis GT, et al. **South Med J** 1984 Nov;77(11):1475

Residual lymphocele. Gooding GA. **Urology** 1985 Apr; 25(4):368-70

[Cutaneous tularemia: inoculation chancre and nodular tularemia] Jeanmougin M, et al. **Ann Dermatol Venereol** 1984;111(8):711-2 **(Fre)**

[Lymphatic involvement in postphlebitic disease] Mégret G. **Phlebologie** 1984 Oct-Dec;37(4):446-55 (Eng. Abstr.) **(Fre)**

[Lymphocutaneous fistula of the popliteal fossa following a varicose operation] Garlid JM, et al. **Tidsskr Nor Laegeforen** 1984 Sep 20;104(26):1815 (Eng. Abstr.) **(Nor)**

[The course of intrathoracic adenopathy in silicosis and silicotuberculosis] Tambovtseva ID. **Gig Tr Prof Zabol** 1984 Aug;(8):20-4 (Eng. Abstr.) **(Rus)**

[Hodgkin's disease with cutaneous fistulization of the adenopathies (letter)] Ribera JM, et al. **Sangre (Barc)** 1985; 30(1):61-2 **(Spa)**

FAMILIAL & GENETIC

Heterochromatin and nucleolus organizer regions in cells of patients with malignant and premalignant lymphatic diseases. Schulze B, et al. **Hum Genet** 1984;67(4):391-5

Clonal rearrangements of T-cell receptor genes in mycosis fungoides and dermatopathic lymphadenopathy. Weiss LM, et al. **N Engl J Med** 1985 Aug 29;313(9):539-44

IMMUNOLOGY

Lymphadenopathy: end-point prodrome? Update of a 36-month prospective study. Abrams DI, et al. **Adv Exp Med Biol** 1985;187:73-84

Cytotoxic effector mechanisms in AIDS. Cunningham-Rundles S, et al. **Adv Exp Med Biol** 1985; 187:97-110

Expression of beta 2 microglobulin on the surface of mononuclear cells in patients with acquired immune deficiency syndrome (AIDS) and AIDS-related complex (ARC). Gupta S. **Adv Exp Med Biol** 1985;187:111-5

Longitudinal assessment of persistent generalized lymphadenopathy (PGL) in homosexual men. Mathur-Wagh U, et al. **Adv Exp Med Biol** 1985;187:93-6

Immunophenotypic differences between dermatopathic lymphadenopathy and lymph node involvement in mycosis fungoides. Weiss LM, et al. **Am J Pathol** 1985 Aug; 120(2):179-85

Immune status of AIDS patients in France: relationship with lymphadenopathy associated virus tropism. Klatzmann D, et al. **Ann NY Acad Sci** 1984;437:228-37

Homosexual men in London: lymphadenopathy, immune status, and Epstein-Barr virus infection. Weller I, et al. **Ann NY Acad Sci** 1984;437:238-53

IgG-antibodies to HTLV-III in patients with AIDS, LAS, and persons at risk of AIDS in West Germany. Hehlmann R, et al. **Blut** 1985 Jan;50(1):13-8

The Vancouver Lymphadenopathy-AIDS Study: 3. Relation of HTLV-III seropositivity, immune status and lymphadenopathy. Boyko WJ, et al. **Can Med Assoc J** 1985 Jul 1;133(1):28-32

Relation of HTLV-III seropositivity and lymphadenopathy. Jeffries E, et al. **Can Med Assoc J** 1985 Jul 15;133(2):111-2

Decreased population of Leu-7+ natural killer cells in lymph nodes of homosexual men with AIDS-related persistent lymphadenopathy. Jothy S, et al. **Can Med Assoc J** 1985 Jan 15;132(2):141-4

T-helper cell lymphoma involving the lymph nodes and skin. A clinical, morphologic, and immunohistochemical analysis of five cases. van den Oord JJ, et al. **Cancer** 1985 Apr 15;55(8):1714-21

Precipitable immune complexes in healthy homosexual men, acquired immune deficiency syndrome and the related lymphadenopathy syndrome. Euler HH, et al. **Clin Exp Immunol** 1985 Feb;59(2):267-75

Is there correlation of T cell proliferative functions and surface marker phenotypes in patients with acquired immune deficiency syndrome or lymphadenopathy syndrome? Gluckman JC, et al. **Clin Exp Immunol** 1985 Apr;60(1):8-16

An immunohistological approach to persistent lymphadenopathy and its relevance to AIDS. Janossy G, et al. **Clin Exp Immunol** 1985 Feb;59(2):257-66

Evaluation of natural killer cell activity in patients with persistent generalized lymphadenopathy and acquired immunodeficiency syndrome. Creemers PC, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):141-50

Cytofluorographic analysis of lymph nodes from patients with the persistent generalized lymphadenopathy (PGL) syndrome. Levy N, et al. **Diagn Immunol** 1985;3(1):15-23

B lymphocyte changes in homosexual men with generalized lymphadenopathy. Venkataraman M, et al. **Diagn Immunol** 1984;2(4):197-202

Interleukin-2 production by persons with the generalized lymphadenopathy syndrome or the acquired immune deficiency syndrome. Kirkpatrick CH, et al. **J Clin Immmunol** 1985 Jan;5(1):31-7

Indomethacin enhances the proliferation of mitogen-stimulated T lymphocytes of homosexual males with persistent generalized lymphadenopathy. Valone FH, et al. **J Clin Immunol** 1984 Sep;4(5):383-7

Lymphadenopathy and antibodies to HTLV-III in homosexual men. Clinical, laboratory and epidemiological features. Bienzle U, et al. **Klin Wochenschr** 1985 Jul 1; 63(13):597-602

Antibodies to HTLV-III in patients with acquired immunodeficiency or lymphadenopathy syndrome in West

Germany [letter] Hehlmann R, et al. **Lancet** 1984 Nov 10; 2(8411):1094

Diversity of clinical spectrum of HTLV-III infection. Valle SL, et al. **Lancet** 1985 Feb 9;1(8424):301-4

Antibodies to human T lymphotropic virus type III demonstrated by a dot immunobinding assay. Biberfeld G, et al. **Scand J Immunol** 1985 Mar;21(3):289-92

[The study of a population of drug addicts and/or homosexuals with chronic polyadenopathy] Quaranta JF, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):543-7 (Eng. Abstr.) **(Fre)**

[Clinical aspects and observations on patients with lymphadenopathy syndrome] Helm EB, et al. **Dtsch Med Wochenschr** 1984 Dec 21;109(51-52):1955-62 (Eng. Abstr.) **(Ger)**

[Lymphadenopathy and a lower T-helper/suppressor cell (Th/Ts) ratio in homosexual men in West Germany. Studies of 147 patients to evaluate the individual risk of acquiring AIDS] Heitmann M, et al. **Hautarzt** 1985 Feb;36(2):90-5 (Eng. Abstr.) **(Ger)**

[Generalized and persistent lymphadenopathy in drug addicts: clinical and epidemiological aspects] Lazzarin A, et al. **Boll Ist Sieroter Milan** 1984 Sep;63(4):357-65 (Eng. Abstr.) **(Ita)**

[Persistent generalized lymphadenopathy: pre-AIDS. First description of a case observed in Italy] Gabrielli GB, et al. **Minerva Med** 1984 Nov 17;75(44):2653-8 (Eng. Abstr.) **(Ita)**

[Cellular immunity in odontogenic inflammatory processes and its correction with biologically active preparations] Robustova TG, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec; 63(6):62-3 (Eng. Abstr.) **(Rus)**

METABOLISM

Sarcoid granulomas metabolize 25-hydroxyvitamin D3 in vitro. Okabe T, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):822-30

Interferon production in male homosexuals with the acquired immune deficiency syndrome (AIDS) or generalized lymphadenopathy. Abb J, et al. **Infection** 1984 Jul-Aug; 12(4):240-2

MICROBIOLOGY

The syndrome of persistent generalized lymphadenopathy: experience with 101 patients. Gottlieb MS, et al. **Adv Exp Med Biol** 1985;187:85-91

Seroepidemiology of human T-lymphotropic virus type III among homosexual men with the acquired immunodeficiency syndrome or generalized lymphadenopathy and among asymptomatic controls in Boston. Groopman JE, et al. **Ann Intern Med** 1985 Mar; 102(3):334-7

Fine-needle aspiration of lymphadenopathy of suspected infectious etiology. Layfield LJ, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):810-2

Detection of coronavirus-like particles in homosexual men with acquired immunodeficiency and related lymphadenopathy syndrome. Kern P, et al. **Klin Wochenschr** 1985 Jan 15;63(2):68-72

Inactivation of lymphadenopathy-associated virus by heat, gamma rays, and ultraviolet light. Spire B, et al. **Lancet** 1985 Jan 26;1(8422):188-9

Altered follicular dendritic cells and virus-like particles in AIDS and AIDS-related lymphadenopathy [letter] Tenner-Racz K, et al. **Lancet** 1985 Jan 12;1(8420):105-6

Lymphadenopathy-associated viral antibody in AIDS. Immune correlations and definition of a carrier state. Laurence J, et al. **N Engl J Med** 1984 Nov 15; 311(20):1269-73

Lymphadenopathy-associated virus isolated from bronchoalveolar lavage fluid in AIDS-related complex with lymphoid interstitial pneumonitis [letter] Ziza JM, et al. **N Engl J Med** 1985 Jul 18;313(3):183

Prevalence of antibodies to lymphadenopathy-associated retrovirus in African patients with AIDS. Brun-Vézinet F, et al. **Science** 1984 Oct 26;226(4673):453-6

MORTALITY

Sinus histiocytosis with massive lymphadenopathy. An analysis of 14 deaths occurring in a patient registry. Foucar E, et al. **Cancer** 1984 Nov 1;54(9):1834-40

OCCURRENCE

The Vancouver Lymphadenopathy-AIDS Study: 2. Seroepidemiology of HTLV-III antibody. Jeffries E, et al. **Can Med Assoc J** 1985 Jun 15;132(12):1373-7

Cutaneous and lymphadenopathic Kaposi's sarcoma in Africa and the USA with observations on persistent lymphadenopathy in homosexual men at risk for the acquired immunodeficiency syndrome. Dorfman RF. **Front Radiat Ther Oncol** 1985;19:105-16 (61 ref.)

Unexplained lymphadenopathy in homosexual men. A longitudinal study. Fishbein DB, et al. **JAMA** 1985 Aug 16;254(7):930-5

Persistent generalised lymphadenopathy in a female in the United Kingdom [letter] Davison AG, et al. **Lancet** 1985 May 25;1(8439):1223

PATHOLOGY

Fine needle aspiration biopsy in the evaluation of lymphoreticular tumors of the thorax. Bonfiglio TA, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):548-53

Aspiration cytology of solitary schwannoma. Neifer R, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):12-4

Plasmacytoma of lymph node. Recurrent lymphadenopathy terminating in plasma cell dyscrasia with polyneuropathy and endocrine disturbances. Sakuma H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1157-66

Pseudolymphoma of the stomach. Nodular type. Tokunaga O, et al. **Acta Pathol Jpn** 1985 Jan;35(1):227-31

Peripheral lymphadenopathy in Nigeria. Oluwole SF, et al. **Acta Trop (Basel)** 1985 Mar;42(1):87-96

Morphology of follicular centers in persistent generalized lymphadenopathy [letter] Carbone A, et al. **Am J Clin Pathol** 1985 Aug;84(2):258-9

Concerning monocytoid cells [letter] Chilosi M, et al. **Am J Clin Pathol** 1985 Oct;84(4):573-4

Lymph node finding in drug abusers [letter] Parravicini CL, et al. **Am J Clin Pathol** 1984 Dec;82(6):749-50

Lymphadenopathy morphologically consistent with Hodgkin's disease associated with Epstein-Barr virus infection. Poppema S, et al. **Am J Clin Pathol** 1985 Sep; 84(3):385-90

Eosinophilic cholangitis, lymphadenopathy, and peripheral eosinophilia: a case report. Butler TW, et al. **Am J Gastroenterol** 1985 Jul;80(7):572-4

Immature sinus histiocytosis. Light- and electron-microscopic features, immunologic phenotype, and relationship with marginal zone lymphocytes. van den Oord JJ, et al. **Am J Pathol** 1985 Feb;118(2):266-77

The varied histopathology of lymphadenopathy in the homosexual male. Burns BF, et al. **Am J Surg Pathol** 1985 Apr;9(4):287-97

Pregnancy and sinus histiocytosis with massive lymphadenopathy [letter] Butler WM, et al. **Ann Intern Med** 1985 Feb;102(2):278

Peripheral lymphadenopathy in children in Dar es Salaam, Tanzania. A study from biopsy material. Mbise RL. **Ann Trop Paediatr** 1984 Jun;4(2):83-5

Persistent cutaneous lymphoid hyperplasia of the face with conjunctival involvement. Duray PH, et al. **Arch Ophthalmol** 1985 Apr;103(4):555-7

Acquired immune deficiency syndrome--related lymphadenopathies presenting in the salivary gland lymph nodes. Ryan JR, et al. **Arch Otolaryngol** 1985 Aug; 111(8):554-6

Lymphocyte subsets in lymph nodes of homosexual men with generalized unexplained lymphadenopathy. Correlation with morphology and blood changes. Chan WC, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):133-7

Lymphocyte subsets in lymphoid interstitial pneumonitis [letter] Church JA, et al. **Arch Pathol Lab Med** 1984 Nov; 108(11):861-2

Sinus histiocytosis with massive lymphadenopathy. Report of a case associated with necrosis. Hayes MM, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):151-2

Lymphadenopathy in patients at risk for acquired immunodeficiency syndrome. Histopathology and histochemistry. Raphael M, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):128-32

Sarcoidosis with oral involvement. Altman K, et al. **Br Dent J** 1984 Nov 10;157(9):310-1

Giant lymph node hyperplasia with osteoblastic bone lesions and the POEMS (Takatsuki's) syndrome. Bitter MA, et al. **Cancer** 1985 Jul 1;56(1):188-94

Immunohistopathology of lymph nodes in HTLV-III infected homosexuals with persistent adenopathy or AIDS. Biberfeld P, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4665s-4670s

A morphologic study of lymphadenosis benigna cutis. Geerts ML, et al. **Dermatologica** 1985;170(3):121-7

Intestinal pseudoobstruction caused by diffuse lymphoid infiltration of the small intestine. McDonald GB, et al. **Gastroenterology** 1985 Oct;89(4):882-9

Nuclear morphologic and morphometric analyses of large noncleaved cell and immunoblastic non-Hodgkin's lymphomas. Dardick I, et al. **Hum Pathol** 1984 Oct; 15(10):965-72

Sinus histiocytosis with massive lymphadenopathy. Sandhyamdni S, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):99-103

HTLV-III antibody frequency and severity of lymphadenopathy [letter] Bayer H, et al. **Lancet** 1984 Dec 8;2(8415):1347

A comparative ultrastructural study of virions in human pre-AIDS and simian AIDS. Warner TF, et al. **Ultrastruct Pathol** 1984;7(4):251-8

[A rarely encountered formation simulating an ovarian tumor] Ganchev S, et al. **Akush Ginekol (Sofiia)** 1985; 24(1):95-8 (Eng. Abstr.) **(Bul)**

[Gaucheroid structures in macrophages in lipomelanic reticulosis] Bednář B. **Cesk Patol** 1985 Feb;21(1):5-7 (Eng. Abstr.) **(Cze)**

[Skin manifestations of the Rosai-Dorfman syndrome] Avril MF, et al. **Ann Dermatol Venereol** 1984;111(8):661-2 **(Fre)**

[Cervical adenopathies in relation to AIDS. Course of histological aspects. Diagnostic and prognostic value] Marche C, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):299-303 (Eng. Abstr.) **(Fre)**

[Persistent generalized adenopathies in subjects at high risk of AIDS. Diagnostic and prognostic value of lymph node lesion syndromes. Apropos of 8 cases] Canioni D, et al. **Arch Anat Cytol Pathol** 1985;33(3):129-39 (Eng. Abstr.) **(Fre)**

[Generalized lymphadenopathy syndrome related to AIDS. Histopatholigic aspects of the lymph nodes] Marche C, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):271-7 (Eng. Abstr.) **(Fre)**

[The cause of that bizarre lymphadenopathy? ... it could be found in the newspaper the following day] Gareau R. **Union Med Can** 1985 Mar;114(3):247-8 **(Fre)**

[Skin manifestations in sinus histiocytosis with massive lymphadenopathy (Rosai-Dorfman syndrome)] Biess B, et al. **Z Hautkr** 1985 Jan;60(1-2):219-28 (Eng. Abstr.) **(Ger)**

[Fine-needle aspiration cytology of the cervical lymph nodes] Fontana P, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct;4(5):599-606 (Eng. Abstr.) **(Ita)**

[Case report of sinus histiocytosis with massive lymphadenopathy in a Japanese male with symptoms of dyspnea and visual disturbance] Nagayama Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1460-6 (Eng. Abstr.) **(Jpn)**

[Sinus histiocytosis with massive lymphadenopathy (2 cases)] Isakov VF, et al. **Vopr Onkol** 1985;31(5):69-72 **(Rus)**

[Extrathoracic anthracosis (letter)] Cabarcos A, et al. **Med Clin (Barc)** 1984 Oct 13;83(11):469 **(Spa)**

PHYSIOPATHOLOGY

Lymphadenopathy: endpoint or prodrome? Update of a 24-month prospective study. Abrams DI, et al. **Ann NY Acad Sci** 1984;437:207-15

PREVENTION & CONTROL

Experience in using diethylcarbamazine (DEC) in the control of lymphatic filariasis in India. Rao CK. **J Commun Dis** 1985 Mar;17(1):36-45

[Use of the CO2 laser in the treatment of cutaneous malignant melanoma: lymphoadenectomy] Palmeri R, et al. **Chir Ital** 1983 Aug;35(4):535-9 (Eng. Abstr.) **(Ita)**

[Successes and problems in controlling filariasis of the lymphatic system in Sri Lanka] Neuimin NI. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):31-4 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Pitfalls in CT recognition of mediastinal lymphadenopathy. Glazer HS, et al. **AJR** 1985 Feb;144(2):267-74

Plain film manifestations of retrocrural disease. Shapir J, et al. **J Can Assoc Radiol** 1984 Sep;35(3):318-21

Mediastinal lymphadenopathy and pulmonary arterial hypertension in mixed connective tissue disease. Guit GL, et al. **Radiology** 1985 Feb;154(2):305-6

Paratracheal lymphadenopathy: radiographic findings and correlation with CT. Müller NL, et al. **Radiology** 1985 Sep; 156(3):761-5

[The left oblique chest radiograph in the diagnosis of subcarinal lymphadenopathy] Kubota H, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Jan 25; 45(1):1-8 (Eng. Abstr.) **(Jpn)**

[CT images of anomalies of the mediastinal vessels--differentiation from mediastinal lymphadenopathy] Yoshida S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):365-9 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Abdominal lymphoscintigraphy: an effective substitute for lymphography? Thornton A, et al. **Br J Radiol** 1985 Jul; 58(691):603-10

[Lymphatic scintigraphy--principles, technic and clinical applications] Schicha H. **Z Lymphol** 1984 Dec;8(2):65-71 (Eng. Abstr.) **(Ger)**

RADIOTHERAPY

Radiotherapy of lymphoid diseases of the orbit. Austin-Seymour MM, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):371-9

THERAPY

Experience in the management of sinus histiocytosis with massive lymphadenopathy. Riyat MS, et al. **East Afr Med J** 1984 Apr;61(4):288-94

Interleukin 2 therapy in infectious diseases: rationale and prospects. Siegel JP, et al. **Infection** 1984 Jul-Aug; 12(4):298-302

[Unconventional concepts of treatment in diseases of the lymphatic system] Oepen I. **Z Lymphol** 1984 Jun;8(1):41-3 **(Ger)**

TRANSMISSION

Status of lymphatic filariasis transmission in Srinagar and Baramulla towns--Jammu and Kashmir state. Raina VK, et al. **J Commun Dis** 1985 Mar;17(1):92-3

LYMPHATIC METASTASIS

Prediction of lymph node metastases from the histologic features of primary cutaneous malignant melanomas. Weissmann A, et al. **Am J Dermatopathol** 1984 Summer; 6 Suppl:35-41

Lymph node metastases from well-differentiated thyroid cancer. A clinical review. McGregor GI, et al. **Am J Surg** 1985 May;149(5):610-2

Cervical lymph node metastases. Incidence and implications of extracapsular carcinoma. Johnson JT, et al. **Arch Otolaryngol** 1985 Aug;111(8):534-7

Analysis of mammary tumour cell metastasis and release of bound n-acetylneuraminic acid. Hoon DB, et al. **Br J Cancer** 1985 Jun;51(6):775-81

Lymphatic delivery of monoclonal antibodies: potential for detection and treatment of lymph node metastases. Weinstein JN, et al. **Cancer Invest** 1985;3(1):85-95

Natural history of neck disease in patients with squamous cell carcinoma of oropharynx and pharyngolarynx. Bataini JP, et al. **Radiother Oncol** 1985 Apr;3(3):245-55

Primary carcinoid tumor of testis with metastasis. Kaufman JJ, et al. **Urology** 1985 May;25(5):534-6

[Clinical picture, therapy and prognosis of orolabial cancer with special reference to regional lymphatic drainage] Schönberger A, et al. **Arch Geschwulstforsch** 1984; 54(4):309-16 (Eng. Abstr.) **(Ger)**

[Crural neuralgia as a manifestation of metastasis of carcinoma of the prostate] Genesi D, et al. **Minerva Urol Nefrol** 1984 Oct-Dec;36(4):307-9 (Eng. Abstr.) **(Ita)**

[Experimental studies on effects of total-body and local hyperthermia on metastases in mice] Oda M. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):121-31 (Eng. Abstr.) **(Jpn)**

[Routes of lymph outflow from the operated stomach] Efetov SV. **Vopr Onkol** 1984;30(9):60-3 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Mondor's disease associated with metastatic axillary nodes. Miller DR, et al. **Cancer** 1985 Aug 15;56(4):903-4

DIAGNOSIS

Imaging of the pulmonary hilum: a prospective comparative study in patients with lung cancer. Glazer GM, et al. **AJR** 1985 Aug;145(2):245-8

An occult primary malignant melanoma in a black. Initial diagnosis by aspiration biopsy cytology of a metastasis. Kannan V, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:265-70

Ultrasonic detection of lymph node metastases in the region around the celiac axis in esophageal and gastric cancer. Yoshinaka H, et al. **JCU** 1985 Mar-Apr;13(3):153-60

Characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results. Dooms GC, et al. **Radiology** 1985 Jun;155(3):691-7

[Diagnosis of lymph node metastases in patients with carcinoma of the prostate] Masopust J, et al. **Sb Lek** 1984 Sep;86(8-9):265-9 (Eng. Abstr.) **(Cze)**

[Nuclear magnetic tomography in cervical lymph node swellings] Vogl T, et al. **Digitale Bilddiagn** 1984 Sep; 4(3):132-4 (Eng. Abstr.) **(Ger)**

[Radiologic diagnosis of metastases in the lesser pelvis] Weigert F, et al. **Radiologe** 1985 Apr;25(4):152-7 (23 ref.) (Eng. Abstr.) **(Ger)**

[Advantages and limitations of echography in the study of lymph nodes of the neck] Turetta G, et al. **Acta Otorhinolaryngol Ital** 1984 Nov-Dec;4(6):703-14 (Eng. Abstr.) **(Ita)**

[Fine needle aspiration biopsy of metastatic lesions and regional lymph-nodes in genitourinary cancer] Fujioka T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun; 75(6):917-26 (Eng. Abstr.) **(Jpn)**

[Cervical nodal metastasis of occult primary carcinoma] Koide C, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Feb; 88(2):161-8 (Eng. Abstr.) **(Jpn)**

[NMR tomography of excised human lymph nodes] Iushmanov VE, et al. **Med Radiol (Mosk)** 1985 May; 30(5):49-53 (Eng. Abstr.) **(Rus)**

[Retroperitoneoscopy in diagnosis of lymphogenic metastases of bladder cancer] Matveev BP, et al. **Vopr Onkol** 1984; 30(8):87-90 (Eng. Abstr.) **(Rus)**

[Emergency surgical cytological diagnosis of cancer metastases to the lymph nodes] Murav'eva IA, et al. **Vopr Onkol** 1985;31(5):63-5 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Variation in response to CCNU of glioblastoma multiforme in brain and cervical lymph node. Case report. Steinbok P, et al. **J Neurosurg** 1985 Jun;62(6):918-21

[An experimental study on intralymphatic anti cancer chemotherapy] Ueno Y. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):50-63 (Eng. Abstr.) **(Jpn)**

[Administration of anticancer agents into the pleural lymphatics and mediastinal lymph nodes during thoracotomy] Ueno Y. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar;17(1-2):64-72 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Repression of lymphatic metastasis by a second implant of the same tumor. Keller R. **Invasion Metastasis** 1985; 5(5):295-308

METABOLISM

[Histochemical study of the O-acetylated variant of sialomucin in adenocarcinoma of the rectocolon and in lymph node metastases] Fulcheri E, et al. **Pathologica** 1984 Jul-Aug;76(1044):443-51 (Eng. Abstr.) **(Ita)**

OCCURRENCE

[Experimental studies of the incidence of metastases following the microwave coagulation therapy for malignant tumor] Yamaue H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):662-6 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Breast carcinoma presenting with axillary lymph node metastases. An analysis of specific histopathologic features. Haupt HM, et al. **Am J Surg Pathol** 1985 Mar;9(3):165-75

The axillary mass in occult breast carcinoma. Case reports and overview. High RM, et al. **Am Surg** 1984 Nov; 50(11):630-6

Influence of tumour size on human prostate tumour metastasis in athymic nude mice. Ware JL, et al. **Br J Cancer** 1985 Mar;51(3):419-23

Metastatic patterns of squamous carcinoma in the parotid lymph nodes. Lee K, et al. **Br J Plast Surg** 1985 Jan; 38(1):6-10

Lymphatic dissemination of hepatic metastases. Implications for the follow-up and treatment of patients with colorectal cancer. August DA, et al. **Cancer** 1985 Apr 1;55(7):1490-4

The use of touch preparations (tissue imprints) in the rapid intraoperative diagnosis of metastatic lymph node disease in cancer staging procedures. Ghandur-Mnaymneh L, et al. **Cancer** 1985 Jul 15;56(2):339-44

Nonorganophilic, hematogenous dissemination in the presence of positive lymph nodes of a malignant tumor in rabbits. Gorman JR, et al. **Invasion Metastasis** 1984;4 Suppl 1:44-59

Metastases of human tumor xenografts in nude mice. Neulat-Duga I, et al. **Invasion Metastasis** 1984;4(4):209-24

Adenocarcinoma of the uterine cervix: histologic variables associated with lymph node metastasis and survival. Berek JS, et al. **Obstet Gynecol** 1985 Jan;65(1):46-52

Metastatic pathways of nonseminomatous germ cell tumors. Donohue JP. **Semin Urol** 1984 Nov;2(4):217-29

[Cervical and parasternal mediastinoscopy. Surgical technics in the examination of superior mediastinal lymph nodes] Pagé A, et al. **Union Med Can** 1985 May;114(5):393-7 (Eng. Abstr.) **(Fre)**

[Significance of puncture cytology for the detection of metastases in known and unknown primary tumors from the viewpoint of the oncologist] Kehl A, et al. **Pathologe** 1984 Oct;5(5):243-6 **(Ger)**

[Fine-needle aspiration cytology of the cervical lymph nodes] Fontana P, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct;4(5):599-606 (Eng. Abstr.) **(Ita)**

[Needle biopsy of palpable axillary lymph nodes in preoperative staging of breast cancer] Catania S, et al. **Minerva Ginecol** 1984 Oct;36(10):611-3 **(Ita)**

[A case of anaplastic transformation of thyroid carcinoma in the cervical lymph node metastasis] Ishibashi T, et al. **Gan No Rinsho** 1985 Mar;31(3):318-22 (Eng. Abstr.) **(Jpn)**

[Pelvic lymph node metastasis of cervical adenocarcinoma and adenosquamous carcinoma] Sakamoto A, et al. **Gan No Rinsho** 1985 Jul;31(8):959-62 (Eng. Abstr.) **(Jpn)**

[Quantitative and qualitative analysis on the lymph node metastasis of carcinoma of the esophagus] Fujita H, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):424-34 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

[Carotid sinus hypersensitivity syndrome in patients with advanced cervical lymph node metastasis--report of 5 cases] Takooda S. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):817-20 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

[Prevention of lymphogenous tumor metastasis (experimental-clinical study)] Levin IuM, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):95-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Improving specificity of computed tomography in diagnosis of malignant mediastinal lymph nodes. Feigin DS, et al. **J Comput Tomogr** 1985 Jan;9(1):21-32

Computed tomography in evaluation of extrapelvic lymphadenopathy in carcinoma of the cervix. Bandy LC, et al. **Obstet Gynecol** 1985 Jan;65(1):73-6

[False interpretations of computed tomograms in malignant lymph node diseases of the pelvis and abdomen] Feuerbach S, et al. **Digitale Bilddiagn** 1984 Dec;4(4):176-80 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of the axillary lymph node] Eulenburg R, et al. **Rontgenblatter** 1984 Dec;37(12):419-24 (Eng. Abstr.) **(Ger)**

[CT diagnosis of mediastinal lymph node metastasis] Yoshida S, et al. **Kyobu Geka** 1985 May;38(5):373-9 (Eng. Abstr.) **(Jpn)**

[Experimental studies of esophageal cancer. II. Experimental lymphographic study of the esophagus as an aid in the treatment of esophageal cancer] Saito N. **Nippon Geka Hokan** 1984 Jan 1;53(1):171-92 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Carcinoma of the stomach with osseous and extra-osseous metastases. Visualization of primary and secondary sites with Tc-99m medronate. McLean RG. **Clin Nucl Med** 1985 Mar;10(3):199-200

False-positive subtraction scintigram of the parathyroid glands due to metastatic tumor. Punt CJ, et al. **J Nucl Med** 1985 Feb;26(2):155-6

Immunoscintigraphy for detection of lymph node metastases from breast cancer. Thompson CH, et al. **Lancet** 1984 Dec 1;2(8414):1245-7

[Gamma scintigraphy of lymphatic nodes with metastatic involvement] Mechev DS, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):3-7 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Combined surgery and postoperative irradiation in the treatment of cervical lymph nodes. Goffinet DR, et al. **Arch Otolaryngol** 1984 Nov;110(11):736-8

Primary hypothyroidism in breast cancer patients with irradiated supraclavicular lymph nodes. Bruning P, et al. **Br J Cancer** 1985 May;51(5):659-63

Results of irradiation in the treatment of locoregional breast cancer recurrence. Chen KK, et al. **Cancer** 1985 Sep 15; 56(6):1269-73

Extended field irradiation in the treatment of patients with cervical carcinoma involving biopsy proven para-aortic nodes. Brookland RK, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1875-9

The role of paraaortic node irradiation in the treatment of cancer of the cervix. Nori D, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1469-73

Extended field irradiation in the treatment of patients with cervical carcinoma involving biopsy proven para-aortic nodes. Piver MS. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):1993-4

Preliminary results of adjuvant half-body irradiation in metastasising cancer of the breast. Standke E, et al. **Radiobiol Radiother (Berl)** 1984;25(4):525-30

The use of a concomitant electron boost (field in the field technique) in large cervical node metastases over a shortened period. Nguyen TD, et al. **Radiother Oncol** 1984 Dec;2(4):313-6

SURGERY

Therapeutic and prognostic problems in lung cancer with mediastinal lymph node involvement. Picciocchi A, et al. **Int Surg** 1984 Oct-Dec;69(4):313-7

Chylous ascites complicating genitourinary oncological surgery. Ferrigni RG, et al. **J Urol** 1985 Oct;134(4):774-6

A technique of ilioinguinal lymph node dissection for carcinoma of the penis. Whitmore WF Jr, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):573-8

THERAPY

Carcinoma of the prostate with soft tissue or non-regional lymphatic metastases at the time of diagnosis: a review of 47 cases. Saeter G, et al. **Br J Urol** 1984 Aug;56(4):385-90

Parotid area lymph node metastases from carcinoma of the skin. Mendenhall NP, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):707-14

Incidence and control of occult neck node metastases from squamous cell carcinoma of the anterior two-thirds of the tongue. Vermund H, et al. **Int J Radiat Oncol Biol Phys** 1984 Nov;10(11):2025-36

Eradication of microscopic metastases with intratumoral injection of bacillus Calmette-Guerin. Sakita M, et al. **Jpn J Surg** 1984 Sep;14(5):413-9

[Treatment of carcinomatous cervical lymph node metastases with the primary site unknown] Jankowska B, et al. **Acta Otorhinolaryngol Ital** 1985 Jan-Feb;5(1):29-33 (Eng. Abstr.) **(Ita)**

LYMPHATIC SYSTEM

Rheumatoid arthritis, lupus nephritis, and risks of lymphoid irradiation [letter] Grünwald HW, et al. **Ann Intern Med** 1985 Jul;103(1):155

The present state and trends in lymphology in the morphological sciences. Gołab B. **Folia Morphol** 1984; 43(3):165-74

The importance of the lymphatic system [letter] Casley-Smith JR. **Invest Radiol** 1985 Mar-Apr;20(2):230

International societies and the King's English. Foldi M. **Lymphology** 1984 Sep;17(3):74-5

[State of the hemolymph circulatory bed of the conjunctiva as affected by infrasound] Svidovyĭ VI, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):51-2 **(Rus)**

[Device and attachments for catheterization of peripheral lymphatic vessels] Tsyb AF, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):104-7 **(Rus)**

ABNORMALITIES

Chylous metrorrhagia. Junod JM. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):107-9

Recognition of jugular lymphatic obstruction sequence during obstetric scanning. Fowler J, et al. **Radiography** 1984 Nov–Dec;50(594):274–6

Successful management of late-onset primary lymphatic hypoplasia. Rustgi AK, et al. **Surgery** 1985 Jun;97(6):714–20

ANALYSIS

Thrombomodulin is found on endothelium of arteries, veins, capillaries, and lymphatics, and on syncytiotrophoblast of human placenta. Maruyama I, et al. **J Cell Biol** 1985 Aug; 101(2):363–71

ANATOMY & HISTOLOGY

The caudal heart of fish: not a lymph heart. Vogel WO. **Acta Anat (Basel)** 1985;121(1):41–5

Anatomoclinical and anatomosurgical essay on the lymphatic circulation of the pancreas. Pissas A. **Anat Clin** 1984; 6(4):255–80

Lack of knowledge of the lymphatic system [letter] Casley-Smith JR. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):97–8

Topography and ultrastructure of the uterine lymphatics in the rat. Lauweryns JM, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5–6):309–27

Modulation of the effects of cyclophosphamide on the lymphoid system of mice by double-stranded RNA. Sula K, et al. **Folia Biol (Praha)** 1985;31(1):59–62

Histotopographic interrelations of the pathways of blood and lymph microcirculation. Kuprianov VV. **Folia Morphol** 1984;43(2):99–104

Topography of intrarenal lymphatics. Eliska O. **Lymphology** 1984 Dec;17(4):135–41

Lymph vessels of the rabbit heart: distribution and fine structure in ventricles. Marchetti C, et al. **Lymphology** 1985 Jun;18(2):90–5

On the existence of renal medullary lymphatics [editorial] O'Morchoe CC. **Lymphology** 1985 Mar;18(1):2–4

[Clinical and surgical anatomy of the lymphatic circulation of pancreas] Pissas A. **J Chir (Paris)** 1984 Oct; 121(10):557–71 (Eng. Abstr.) **(Fre)**

[The lymphatic system and lymphography in birds (2)] Berens von Rautenfeld D, et al. **Tierarztl Prax** 1984;12(1):21–32 **(Ger)**

[Structural picture and mechanism of action of the 'initial lymph system'] Castenholz A. **Z Lymphol** 1984 Dec; 8(2):55–64 (Eng. Abstr.) **(Ger)**

[Mesentery collector valves in the guinea pig: morpho-functional aspects] Ibba L, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1651–7 (Eng. Abstr.) **(Ita)**

[History of the studies on the lymphatic system of laryngeal mucosa] Skarżyński H, et al. **Otolaryngol Pol** 1985; 39(2):106–9 (Eng. Abstr.) **(Pol)**

[Topographic features of the organization of lymphatic capillaries and lipid resorption in the jejunal villi of the white rat] Karelina NR, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):53–61 (Eng. Abstr.) **(Rus)**

[Histological studies of retroperitoneal lymphatic vessels in Cebus apella] de Freitas V, et al. **Anat Histol Embryol** 1984 Dec;13(4):360–4 (Eng. Abstr.) **(Spa)**

BLOOD SUPPLY

Acetylcholine 'tightens' peripheral capillaries independently of pressure effects. Katz MA, et al. **Lymphology** 1984 Sep; 17(3):95–9

CYTOLOGY

Heterogeneity of macrophage populations in human lymphoid tissue and peripheral blood. Hofman FM, et al. **Cell Immunol** 1984 Oct 1;88(1):61–74

DRUG EFFECTS

CLS 2210, hyaluronidase and the cardiac lymphatic system. Szlavy L, et al. **Angiology** 1985 Jul;36(7):452–7

Effect of terbutaline on peripheral lymph flow, protein concentration and transport, and edema formation after thermal injury in rabbits. Szabo G, et al. **Lymphology** 1985 Jun;18(2):76–81

EMBRYOLOGY

Ultrastructure of muscle fibers and cells synthesizing DNA in lymph hearts of developing frogs and chick embryos. Markozashvili MI, et al. **Cell Tissue Res** 1984;238(2):369–79

[Ontogenesis of lymphoid organs. Immunophenotype and tissue structure] Kelényi G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):162–70 (Eng. Abstr.) **(Hun)**

GROWTH & DEVELOPMENT

The ontogeny and organization of the lymphoid system. Osmond DG. **J Invest Dermatol** 1985 Jul;85(1 Suppl):2s–9s

IMMUNOLOGY

The mechanism of antigen presentation by endothelial cells. Wagner CR, et al. **Immunobiology** 1984 Dec; 168(3–5):453–69

Factor VIII-related antigen and lymphatic collecting vessels. Svanholm H, et al. **Virchows Arch** [A] 1984;404(3):224–8

INNERVATION

Sympathetic effects on spontaneous activity in bovine mesenteric lymphatics. Ohhashi T, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H610–5

METABOLISM

Lymph flow, lymph protein concentration, and protein output from rat small intestine. Lee JS. **Am J Physiol** 1985 Jun;248(6 Pt 1):G670–5

Lymphatic delivery of monoclonal antibodies: potential for detection and treatment of lymph node metastases. Weinstein JN, et al. **Cancer Invest** 1985;3(1):85–95

Similar bioavailability and lymphatic transport of benzo(a)pyrene when administered to rats in different amounts of dietary fat. Laher JM, et al. **J Lipid Res** 1984 Dec 1;25(12):1337–42

Lymphatic transport of sodium cefoxitin in the presence of sodium 5-methoxysalicylate after injection into rat rectal connective tissue, femoral muscle and femoral vein. Nishihata T, et al. **J Pharm Pharmacol** 1985 Jul; 37(7):509–11

Promotion of the selective lymphatic delivery of cyclosporin A by lipid-surfactant mixed micelles. Takada K, et al. **J Pharmacobiodyn** 1985 Apr;8(4):320–3

Responses of the vascular-interstitial-lymph system to saline loading in the rat. Yamada S, et al. **Jpn J Physiol** 1984; 34(4):575–86

The distribution of an oil-based corticosteroid following intralymphatic infusion. Fyfe NC, et al. **Lymphology** 1984 Dec;17(4):130–4

Factor VIII-associated antigen in canine lymphatic endothelium. Nagle R, et al. **Lymphology** 1985 Jun; 18(2):84–5

[Postoperative adjuvant chemotherapy with N1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) for gastric cancer patients. Influence of fat emulsification on lymphatic transport] Hanaue H, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1515–20 (Eng. Abstr.) **(Jpn)**

[Electron microscopic characteristics of plant peroxidase transport pathways in the microcirculatory bed of the rabbit peritoneum] Korol' AP. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):41–5 (Eng. Abstr.) **(Rus)**

[Role of the lymphatic system in the transport of biologically active substances in shock of various etiologies] Minnebaev MM, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):409–12 (Eng. Abstr.) **(Rus)**

[Role of the lymphatic system in heparin S-35 resorption from the connective tissue of the paw in the dog] Iaroshenko IF, et al. **Fiziol Zh SSSR** 1985 Jan;71(1):131–5 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Evidence for the origin of Kaposi's sarcoma from lymphatic endothelium. Beckstead JH, et al. **Am J Pathol** 1985 May; 119(2):294–300

Lymphatic invasion in Spitz nevi. Howat AJ, et al. **Am J Surg Pathol** 1985 Feb;9(2):125–8

Lymph-vessel embolism in a case of Whipple's disease. Adams CW, et al. **Histopathology** 1985 Jan;9(1):109–15

Unusual vascular tumour of the scalp in association with lymphoid aggregates: a variant of angiolymphoid hyperplasia? Dawson J, et al. **J Cutan Pathol** 1984 Dec; 11(6):506–12

[Structure of the dermal lymph capillaries and their functional interpretation] Daróczy J. **Hautarzt** 1984 Dec; 35(12):630–9 (Eng. Abstr.) **(Ger)**

[Fine distribution of lymphatic vessels in adenoma of the large intestine] Matsueda M. **Igaku Kenkyu** 1984 May; 54(5):557–70 (Eng. Abstr.) **(Jpn)**

[A case report of histologically proven reactive lymphoreticular hyperplasia (RLH) of the cecum] Ueno T, et al. **Rinsho Hoshasen** 1984 Jul;29(7):821–3 (Eng. Abstr.) **(Jpn)**

[Hemo- and lymphomicrocirculatory bed of the broad ligament of the uterus in the presence of collateral circulation] Borodin IuI, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):39–47 (Eng. Abstr.) **(Rus)**

[Intraoperative biopsy of the lymphatic vessels] Zerbino DD. **Khirurgiia (Mosk)** 1984 Oct;(10):100–1 **(Rus)**

[Pathology of the rat mesenteric lymphatic bed in acute radiation sickness] Datsenko AV, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):39–43 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The influence of lymphatic drainage in experimental Trypanosoma cruzi infection. Bijovsky AT, et al. **Acta Trop (Basel)** 1984 Sep;41(3):207–14

Lymphatic filling in ankle arthrography [letter] van Moppes FI, et al. **AJR** 1985 Sep;145(3):651

The importance of the lymphatic system [letter] Casley-Smith JR. **Angiology** 1985 Mar;36(3):201–2

The importance of the lymphatic system [letter] Casley-Smith JR. **Ann R Coll Surg Engl** 1985 Jul;67(4):272

The importance of the lymphatic system [letter] Casley-Smith JR. **Aust Dent J** 1985 Feb;30(1):58–9

The importance of the lymphatic system [letter] Casley-Smith JR. **Aust Paediatr J** 1985 May;21(2):147

The importance of the lymphatic system [letter] Casley-Smith JR. **Br J Plast Surg** 1985 Jul;38(3):446–7

Peripheral vascular and lymphatic systems. Longe RL, et al. **Drug Intell Clin Pharm** 1985 Apr;19(4):252–8

The importance of the lymphatic system [letter] Casley-Smith JR. **Exp Pathol** 1985;27(4):253–4

Permeability of superficial lymphatic capillaries in human skin to FITC-labelled dextrans 40 000 and 150 000. Huber M, et al. **Int J Microcirc Clin Exp** 1984;3(1):59–69

Neuropeptides and their receptors: a psychosomatic network. Pert CB, et al. **J Immunol** 1985 Aug;135(2 Suppl):820s–826s

The lymphatic system [letter] Casley-Smith JR. **J Parasitol** 1985 Jun;71(3):296

The importance of the lymphatic system [letter] Casley-Smith JR. **J Rheumatol** 1985 Apr;12(2):386

The blood-lymph barrier in the liver. A review based on morphological and functional concepts of normal and cirrhotic liver. Henriksen JH, et al. **Liver** 1984 Aug; 4(4):221–32 (60 ref.)

Macromolecular transport [letter] Hauck G. **Lymphology** 1985 Jun;18(2):72

Effect of increased systemic venous pressure on thoracic duct and peripheral lymph flow in dogs. Sakai T, et al. **Lymphology** 1985 Jun;18(2):64–7

Plasma-lymph albumin kinetics, total lymph flow, and tissue hematocrit in normally hydrated dog lungs. Parker JC, et al. **Microvasc Res** 1984 Sep;28(2):254–69

The importance of the lymphatic system [letter] Casley-Smith JR. **Plast Reconstr Surg** 1985 Apr;75(4):606

Importance of the lymphatic system [letter] Casley-Smith JR. **Postgrad Med** 1985 May 1;77(6):50–2

[The intestinal lymphoid system: current concepts] Arnaud-Battandier F. **Gastroenterol Clin Biol** 1984 Aug–Sep;8(8–9):632–40 (95 ref.) **(Fre)**

[The formation of lymph] Hauck G. **Z Lymphol** 1984 Dec; 8(2):49–53 (Eng. Abstr.) **(Ger)**

[Combined functioning of lymph-blood plasma systems in regulating lipid balance in dogs] Kosukhin AB, et al. **Fiziol Zh SSSR** 1985 May;71(5):614–8 (Eng. Abstr.) **(Rus)**

[Mechanism of action of intravascular pressure on the electrical and contractile activity of lymphangions] Orlov RS, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1636–44 (Eng. Abstr.) **(Rus)**

[Effect of enkephalins on the motor function of smooth-muscle cells of the stomach and mesenteric lymphatic vessels] Zverev MD, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):255–8 **(Rus)**

[Electrophysiological properties of the membrane of smooth muscle cells from bovine lymphatic vessels] Lobov GI. **Zh Evol Biokhim Fiziol** 1985 May–Jun;21(3):271–6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Morpho-functional status of the kidney after a disturbance of lymph drainage. Sapin MR, et al. **Anat Anz** 1984; 157(5):375–93

Nucleus tractus solitarius lesions elevate pulmonary arterial pressure and lymph flow. Darragh TM, et al. **Ann Neurol** 1985 Jun;17(6):565–9

The role of the lymphatic system in acute arterial prosthetic graft infections. Rubin JR, et al. **J Vasc Surg** 1985 Jan; 2(1):92–8

Effects of lymph stasis on healing of rat intestinal anastomosis. De Franco S, et al. **Lymphology** 1984 Sep; 17(3):100–4

The lymphatic system: major points and importance reemphasized [letter] Casley-Smith JR. **Microsurgery** 1985; 6(1):56

Estimation of lymphatic conductance. A model based on protein-kinetic studies and haemodynamic measurements in patients with cirrhosis of the liver and in pigs. Henriksen JH. **Scand J Clin Lab Invest** 1985 Apr;45(2):123–30

[Animal model of lower limb lymphedema and measurement of lymphatic and venous pressures] Han LY. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):602–5, 638 (Eng. Abstr.) **(Chi)**

[Microlymphocirculatory disorders in diffuse peritonitis] Evdokimov VV, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):7–12 (Eng. Abstr.) **(Rus)**

[Transport and barrier protective functions of the lymphatic system in peritonitis and antibiotic therapy] Stashchuk VF. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):73–6 (Eng. Abstr.) **(Rus)**

[Microcirculatory disorders in mitral stenosis surgery] Uglov FG, et al. **Vestn Khir** 1985 Jan;134(1):12–7 (Eng. Abstr.) **(Rus)**

[Routes of lymph outflow from the operated stomach] Efetov SV. **Vopr Onkol** 1984;30(9):60–3 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Endolymphatic radiotherapy in malignant lymphomas. A clinical evaluation of 285 patients. Bonadonna G, et al. **Cancer** 1968 Oct;22(4):885–98

Resistance to mycobacteria in mice treated with fractionated total lymphoid irradiation (TLI) and in mice reconstituted with allogenic bone marrow cells following radiotherapy. Mor N, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan; 11(1):79–85

[Lymphographically detectable long-term changes caused by endolymphatic radionuclide therapy (ELRT) in the infradiaphragmatic lymph system] Müller RP, et al. **Strahlentherapie** 1985 Apr;161(4):239–43 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Experimental in vivo imaging of the cranial perineural lymphatic pathway. Pile-Spellman JM, et al. **AJNR** 1984 Sep–Oct;5(5):539–45

Use of radionuclide lymphograms to determine lymphatic drainage of truncal melanomas. Jones RF, et al. **Am J Surg** 1985 May;149(5):613–4

Radionuclide lymphoscintigraphy with technetium 99m antimony sulfide colloid to identify lymphatic drainage of cutaneous melanoma at ambiguous sites in the head and neck and trunk. Wanebo HJ, et al. **Cancer** 1985 Mar 15;55(6):1403–13

Interstitial lymphoscintigraphy for diagnosis of lymphocele. Patel BR, et al. **Clin Nucl Med** 1985 Mar;10(3):175–6

Evaluation of transport kinetics in lymphoscintigraphy: follow-up study in patients with transplanted lymphatic vessels. Kleinhans E, et al. **Eur J Nucl Med** 1985;10(7–8):349–52

Chelate conjugates of monoclonal antibodies for imaging lymphoid structures in the mouse. Goodwin DA, et al. **J Nucl Med** 1985 May;26(5):493–502

Dynamic lymphoscintigraphy with Tc-99m human serum albumin. Ohtake E, et al. **Radiat Med** 1983 Apr–Jun;1(2):132–6

[Lymphatic scintigraphy—principles, technic and clinical applications] Schicha H. **Z Lymphol** 1984 Dec;8(2):65–71 (Eng. Abstr.) **(Ger)**

[Radionuclide multicollector lymphography of the extremities] Sveshnikov AA, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):9–15 (Eng. Abstr.) **(Rus)**

[Possibilities of roentgeno-radiologic study of the lymphatic system] Tsyb AF, et al. **Vestn Rentgenol Radiol** 1984 Nov–Dec;(6):57–62 (49 ref.) **(Rus)**

SURGERY

Lymphatic venous shunt in the treatment of postmastectomy lymphedema. Liu XY, et al. **Chin Med J [Engl]** 1985 Jan;98(1):65–6

[Experimental study of venous transplantation for the reestablishment of lymphatic pathways] Tang HY, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):6–8, 61 (Eng. Abstr.) **(Chi)**

[Experimental comparative study of the transplantation of veins and lymph vessels for microlymphatic reconstructive surgery] Zhang DS. **Chung Hua Wai Ko Tsa Chih** 1984 Nov;22(11):666–8, 701 (Eng. Abstr.) **(Chi)**

[Clinical experiences in the use of lymphovenous anastomoses in secondary lymphedema] Ingianni G, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):43–6 (Eng. Abstr.) **(Ger)**

[Microsurgery of the lymphatic vessels. Antigravitational ligation to lymphatic and venous grafts] Campisi C, et al. **Minerva Chir** 1985 Mar 15;40(5):269–76 (Eng. Abstr.) **(Ita)**

[Intraorgan vascular bed of the transplanted small intestine after spontaneous and surgical restoration of lymph drainage from the transplant] Kirpatovskii ID, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):42–9 (Eng. Abstr.) **(Rus)**

[Topographo-anatomic basis for the reconstruction of lymphatic passages and the reinnervation of transplanted kidneys] Lazarev KL, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):71–7 (Eng. Abstr.) **(Rus)**

[Morphofunctional condition of kidney after disruption of its lymphatic drainage] Sapin MR, et al. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):68–76 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

[Allogeneic lymph vessel transplantations in the early phase] Gabka JC, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):47–50 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Scanning- and transmission electron-microscopic study of lymphatic vessels in the splenic white pulp of the macaque monkey. Hokazono K, et al. **Cell Tissue Res** 1984;237(1):1–6

Fluid and protein clearance in the rat endometrium. Part II: Ultrastructural evidence for the presence of alternative, non-lymphatic clearance mechanisms in the rat endometrium. Cornillie FJ, et al. **Experientia** 1984 Nov 15;40(11):1264–6

Fluid and protein clearance in the rat endometrium. Part I: Ultrastructural proof of the absence of an intrinsic lymphatic system from the rat endometrium. Lauweryns JM, et al. **Experientia** 1984 Nov 15;40(11):1262–4

Studies on the ultrastructure and histochemistry of the lymph system in three species of amphistome (Trematoda: Digenea) Gigantocotyle explanatum, Gastrothylax crumenifer and Srivastavaia indica from the Indian water buffalo Bubalus bubalis. Dunn TS, et al. **J Helminthol** 1985 Mar;59(1):1–18

Renal medullary lymphatics: microradiographic, light, and electron microscopic studies in pigs. Cuttino JT Jr, et al. **Lymphology** 1985 Mar;18(1):24–30

Ultrastructural comparative study on lymphatic capillaries of the subendocardium, myocardium, and subepicardium of the heart left ventricle. Boucher Y, et al. **Microvasc Res** 1985 May;29(3):305–19

Morphological characteristics of initial lymphatics in the tongue as shown by scanning electron microscopy. Castenholz A. **Scan Electron Microsc** 1984;(Pt 3):1343–52

[Morphological study by scanning electron microscopy of the lymphatic vessels of the guinea pig] Pucci AM, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1635–41 (Eng. Abstr.) **(Ita)**

[Morphological studies on the lymphatics of the large intestines—with special reference to their distribution and the electron microscopic structure of the intramural lymphatics] Hirashima T. **Igaku Kenkyu** 1984 Feb;54(1):28–46 (Eng. Abstr.) **(Jpn)**

LYMPHEDEMA

Lymphedema of the lower abdominal wall in pregnancy. Reed BR, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):930–2

[The swollen leg. Lymphedema] **Phlebologie** 1985 Jan–Mar;38(1):91–122 (Eng. Abstr.) **(Fre)**

[Franco-British colloquium on phlebology. Chichester, 26–28 April 1984] **Phlebologie** 1985 Jan–Mar;38(1):1–231 (Eng. Abstr.) **(Fre)**

CLASSIFICATION

[Clinico-lymphographic classification of post-traumatic edema] Chepelenko GV. **Vestn Khir** 1985 May;134(5):86–90 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Lymphangiosarcoma in chronic lymphedema that followed dissection of the groin in surgical management of a malignant melanoma. Ronan SG, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:245–51

Pleural effusion and recurrent broncho-pneumonia with lymphedema, yellow nails and protein-losing enteropathy. Battaglia A, et al. **Eur J Respir Dis** 1985 Jan;66(1):65–9

Histogenesis of post-mastectomy angiosarcoma—an ultrastructural study. McWilliam LJ, et al. **Histopathology** 1985 Mar;9(3):331–43

Lymphedema in Noonan's syndrome. White SW. **Int J Dermatol** 1984 Dec;23(10):656–7

Upper lobe bronchiectasis in the yellow nail syndrome: report of a case. McNicholas WT, et al. **Ir J Med Sci** 1984 Nov;153(11):394–5

Unusual sarcoma arising in lymphoedema. Fergusson CM, et al. **J R Soc Med** 1985 Jun;78(6):497–8

Retinal edema in patients with generalized primary lymphedema. Foldi E, et al. **Lymphology** 1985 Jun;18(2):82–3

[Lymphangiosarcoma of the lyphedematous arm following breast amputation (Stewart-Treves syndrome)] Heevel JG, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1054–6 (Eng. Abstr.) **(Dut)**

[Association of idiopathic lymphedema and familial acute leukemia. Apropos of a new case (letter)] Attal M, et al. **Presse Med** 1985 Mar 9;14(10):600 **(Fre)**

[Lymphangiosarcoma arising on a lymphedematous arm in a mastectomy patient (or Stewart-Treves syndrome). Description of a case with optic microscopy and electron microscopy findings] Arcuri V, et al. **Pathologica** 1984 Nov–Dec;76(1046):737–42 (Eng. Abstr.) **(Ita)**

CONGENITAL

Congenital lymphedema of genitalia and extremities. Dijkstra JW, et al. **Cleve Clin Q** 1984 Fall;51(3):553–7

[Pseudochondroplastic spondyloepiphyseal dysplasia associated with nonfamilial congenital lymphedema and ichthyosis. Description of a case] Piattoni F, et al. **Minerva Pediatr** 1985 Feb 28;37(4):193–200 (Eng. Abstr.) **(Ita)**

[A case report of congenital lymphedema with chylothorax] Kitahara M. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):106–13 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Early and late postoperative sequelae after surgery for carcinoma of the breast. Corneillie P, et al. **Acta Chir Belg** 1984 Jul–Aug;84(4):227–31

Aagenaes's syndrome in an Italian child. Vajro P, et al. **Acta Paediatr Scand** 1984 Sep;73(5):695–6

Elephantiasis nostras 1984. Hollander DI, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):450–1

Primary lymphedema in children and adolescents: a follow-up study and review. Smeltzer DM, et al. **Pediatrics** 1985 Aug;76(2):206–18

[Objective measurement of lymphedema after mastectomy] Göltner E, et al. **Dtsch Med Wochenschr** 1985 Jun 14;110(24):949–52 (Eng. Abstr.) **(Ger)**

[Computed tomography and nuclear spin tomography in peripheral lymphedema] Gregl A, et al. **ROFO** 1985 Aug;143(2):219–26 (Eng. Abstr.) **(Ger)**

[New aspects of lymphedema] Bollinger A. **Schweiz Med Wochenschr** 1985 Jun 15;115(24):836–43 (Eng. Abstr.) **(Ger)**

[Step-wise diagnosis of primary and secondary lymphedema] Voigt H, et al. **Z Gesamte Inn Med** 1984 Jul 15;39(14):348–51 (Eng. Abstr.) **(Ger)**

[Another case of articular hydrops in dermatitis herpetiformis Duhring] Kegel M, et al. **Z Hautkr** 1984 Dec 15;59(24):1673–6 (Eng. Abstr.) **(Ger)**

[New aspects in the diagnosis of venous and lymphatic diseases of the legs] Lindemayr W, et al. **Z Hautkr** 1984 Aug 1;59(15):1013–23 (Eng. Abstr.) **(Ger)**

[Cases from the edema consultation] von Heyden D. **Z Lymphol** 1984 Jun;8(1):35–40 **(Ger)**

[Current problems in diagnosing and treating lymphedema of the limbs] Kaufmann A, et al. **Rev Chir [Chir]** 1985 Jan–Feb;34(1):13–20 (Eng. Abstr.) **(Rum)**

DRUG THERAPY

The effects of calcium dobesilate on acute lymphedema (with and without macrophages), and on burn edema. Casley-Smith JR, et al. **Lymphology** 1985 Mar;18(1):37–45

Treatment of elephantiasis in a community with timorian filariasis. Partono F. **Trans R Soc Trop Med Hyg** 1985;79(1):44–6

[The value of heparin in postphlebitic syndromes] Bourde C, et al. **Phlebologie** 1984 Oct–Dec;37(4):479–81 (Eng. Abstr.) **(Fre)**

[Benzopyrone in the therapy of postreconstructive edema. A clinical double-blind study] Becker HM, et al. **Fortschr Med** 1985 Jun 6;103(21):593–6 (Eng. Abstr.) **(Ger)**

[Use of nicotinic acid and midocalm for correcting blood coagulation in patients with radiation edema of the extremities] Chekalina SI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):28–30 (Eng. Abstr.) **(Rus)**

[Sulfur-containing drugs used in the treatment of postmastectomy edema of the upper limbs] Mogilevskii IL, et al. **Sov Med** 1984;(9):108–11 **(Rus)**

ETIOLOGY

Postmastectomy angiosarcoma. Martin MB, et al. **Am Surg** 1984 Oct;50(10):541–5

Lymphedema secondary to filariasis. Leonard JC, et al. **Clin Nucl Med** 1985 Mar;10(3):203

Lymphedema. Merli GJ. **Clin Podiatry** 1984 Aug;1(2):363–72

Rheumatoid lymphoedema. Kyle VM, et al. **Clin Rheumatol** 1982 Jun;1(2):126–7

Elephantine sarcoidosis presenting as ulcerating lymphoedema. Mühlemann MF, et al. **J R Soc Med** 1985 Mar;78(3):260–1

Postmastectomy lymphedema [editorial] Beninson J. **Lymphology** 1985 Jun;18(2):54–5

Evaluation of the patient with leg edema. Ruschhaupt WF, et al. **Postgrad Med** 1985 Aug;78(2):132–9

Acute lymphedema in a renal allograft—an unusual cause of early postoperative transplant dysfunction. Waltzer WC, et al. **Transplant Proc** 1985 Apr;17(2):1755–7

[Animal model of lower limb lymphedema and measurement of lymphatic and venous pressures] Han LY. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):602–5, 638 (Eng. Abstr.) **(Chi)**

[Peno-scrotal lymphedema and primary syphilis] Rommel A, et al. **Ann Dermatol Venereol** 1984;111(12):1103–6 **(Fre)**

[Leg edema] Ganser G, et al. **Schweiz Rundsch Med Prax** 1985 Mar 5;74(10):247–9 (Eng. Abstr.) **(Ger)**

[Cases from the edema consultation] von Heyden D. **Z Lymphol** 1984 Dec;8(2):87–90 **(Ger)**

[Self-induced giant lymphedema of the hand (sinistrosis)] Vespasiani A, et al. **Chir Ital** 1983 Feb;35(1):129–33 (Eng. Abstr.) **(Ita)**

[Stewart-Treves syndrome] Giudice PA, et al. **Minerva Chir** 1984 Nov 30;39(22):1623–4 **(Ita)**

[Diagnosis and treatment of arm edema following combination therapy of breast cancer] Selivanov IS. **Med Radiol (Mosk)** 1985 Jan;30(1):19–23 (Eng. Abstr.) **(Rus)**

[Development of elephantiasis in recurrent erysipelatous inflammation] Svirid AA, et al. **Vrach Delo** 1984 Aug;(8):87–8 **(Rus)**

FAMILIAL & GENETIC

Dominantly inherited syndrome of microcephaly and congenital lymphedema. Leung AK. **Clin Genet** 1985 Jun;27(6):611–2

Congenital lymphedema in two siblings. Kajii T, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):31–4

HLA and filariasis in Sri Lankans and Indians. Chan SH, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep;15(3):281–6

[Hereditary lymphedema, a frequently unrecognized form of chronic edema; clinical study in 2 families with Meige's disease] Terstappen LW, et al. **Ned Tijdschr Geneeskd** 1985 Feb 2;129(5):208–12 (Eng. Abstr.) **(Dut)**

[You make the diagnosis: congenital hereditary lymphedema] Schober PH, et al. **Padiatr Padol** 1984;19(4):409–11 **(Ger)**

[Distichiasis-lymphedema syndrome] Adamovich K. **Orv Hetil** 1985 Mar 24;126(12):715–6 (Eng. Abstr.) **(Hun)**

IMMUNOLOGY

Direct immunofluorescent in elephantiatic skin. Habib M, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):543–5

PATHOLOGY

Elephantiasis–like appearance of upper and lower extremities in Graves' dermopathy. Singh SP, et al. **Am J Med Sci** 1985 Aug;290(2):73–6

[Stewart–Treves syndrome. Histogenetic study (ultrastructural and immunohistological] Kanitakis J, et al. **Arch Anat Cytol Pathol** 1985;33(2):93–4 (Fre)

[Angiosarcoma in primary lymphedema of the lower extremity––Stewart–Treves syndrome] Schmitz–Rixen T, et al. **Vasa** 1984;13(3):262–6 (Eng. Abstr.) (Ger)

PHYSIOPATHOLOGY

Lymphoedema: pathophysiology and classification. Browse NL, et al. **J Cardiovasc Surg (Torino)** 1985 Mar–Apr, 26(2):91–106 (78 ref.)

Primary lymphedema of the leg: relationship between subcutaneous tissue pressure, intramuscular pressure and venous function. Christenson JT, et al. **Lymphology** 1985 Jun;18(2):86–9

Fibrogenesis in chronic lymphedema [letter] Foldi E. **Lymphology** 1984 Sep;17(3):82

PREVENTION & CONTROL

Effect of terbutaline on peripheral lymph flow, protein concentration and transport, and edema formation after thermal injury in rabbits. Szabo G, et al. **Lymphology** 1985 Jun;18(2):76–81

[Prevention of postoperative lymphocele after breast amputation] Salmon RJ, et al. **Presse Med** 1985 Jan 12; 14(1):27–9 (Eng. Abstr.) (Fre)

RADIOGRAPHY

The role of CT in the diagnosis of primary lymphedema of the lower limb. Hadjis NS, et al. **AJR** 1985 Feb; 144(2):361–4

Unusual chylolymphedema of congenital origin. Accarpio G, et al. **Lymphology** 1984 Dec;17(4):113–4

[Differential diagnosis of breast edema in the roentgen image] Eichner H, et al. **Rontgenblatter** 1984 Dec;37(12):414–8 (Eng. Abstr.) (Ger)

[Multicollector lymphography and phlebography in lower limb edema following radiation and combination therapy] Tsyb AF, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):41–8 (Eng. Abstr.) (Rus)

RADIONUCLIDE IMAGING

Extensive soft tissue uptake of technetium–99m MDP in a patient with breast cancer. Yudd AP, et al. **Clin Nucl Med** 1985 Jul;10(7):525–6

Lymphoscintigraphy. Petronis JD, et al. **Eur J Nucl Med** 1985;10(11–12):560–2

Lymphedema in the replanted limb of the rat: scintigraphic evaluation. Kramer EL, et al. **Microsurgery** 1985;6(1):40–5

SURGERY

Elephantiasis of the penis and scrotum. A review of 350 cases. Dandapat MC, et al. **Am J Surg** 1985 May;149(5):686–90

Lymphoedema of the eyelids in the yellow nail syndrome. Maisels DO, et al. **Br J Plast Surg** 1985 Jan;38(1):93–6

Long term results of the enteromesenteric bridge operation in the treatment of primary lymphoedema. Hurst PA, et al. **Br J Surg** 1985 Apr;72(4):272–4

Lymphatic venous shunt in the treatment of postmastectomy lymphedema. Liu XY, et al. **Chin Med J [Engl]** 1985 Jan; 98(1):65–6

Evaluation of transport kinetics in lymphoscintigraphy: follow–up study in patients with transplanted lymphatic vessels. Kleinhans E, et al. **Eur J Nucl Med** 1985; 10(7–8):349–52

Surgical management of selected patients with lymphedema of the extremities. Degni M. **J Cardiovasc Surg (Torino)** 1984 Nov–Dec;25(6):481–8

Microlymphaticovenous anastomosis for lymphedema of the breast. Huang GK, et al. **Microsurgery** 1985;6(1):32–5

Microlymphaticovenous anastomosis for treating scrotal elephantiasis. Huang GK, et al. **Microsurgery** 1985; 6(1):36–9

The surgical management of lymphedema. Savage RC. **Surg Gynecol Obstet** 1985 Mar;160(3):283–90 (117 ref.)

The surgical management of lymphedema. Savage RC. **Surg Gynecol Obstet** 1984 Nov;159(5):501–8 (117 ref.)

[Allogeneic lymph vessel transplantations in the early phase] Gabka JC, et al. **Handchir Mikrochir Plast Chir** 1985 Jan; 17(1):47–50 (Eng. Abstr.) (Ger)

[Clinical experiences in the use of lymphovenous anastomoses in secondary lymphedema] Ingianni G, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):43–6 (Eng. Abstr.) (Ger)

[Therapy of lymphedemas: a study trip to Shanghai in search of the Chinese cure. The second Medical School in Shanghai (11–25 November 1984)] Fox U. **Minerva Med** 1985 Feb 25;76(7): 294–7 (Ita)

[Thompson's surgery in the treatment of lymphedema of the lower extremities] Bouabci AS, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jan–Feb;39(1):40–3 (Eng. Abstr.) (Por)

[Scrotal lymphedema: apropos of a case] Aguiló Lucia F, et al. **Actas Urol Esp** 1984 Nov–Dec;8(6):491–2 (Eng. Abstr.) (Spa)

THERAPY

Conservative treatment of lymphoedema of the limbs. Földi E, et al. **Angiology** 1985 Mar;36(3):171–80

Sequential pneumatic compression for lymphedema. A controlled trial. Richmand DM, et al. **Arch Surg** 1985 Oct; 120(10):1116–9

Heat and bandage treatment for chronic lymphedema of extremities. Report of 1,045 patients. Zhang TS, et al. **Chin Med J [Engl]** 1984 Aug;97(8):567–77

Intraarterial lymphocytes injection for treatment of lymphedema. Katoh I, et al. **Jpn J Surg** 1984 Jul; 14(4):331–4

The mobile pneumatic arm sleeve: a new device for treatment of arm lymphedema. Zelikovski A, et al. **Lymphology** 1985 Jun;18(2):68–71

Successful management of late–onset primary lymphatic hypoplasia. Rustgi AK, et al. **Surgery** 1985 Jun;97(6):714–20

[Heating and bandaging treatment of chronic lymphedema: report of 1045 cases] Zhang DS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):13–6, 61–2 (Eng. Abstr.) (Chi)

[Manual lymphatic drainage] Gruffaz J. **J Mal Vasc** 1985;10 Suppl A:187–91 (Eng. Abstr.) (Fre)

[Constriction: results of Lymphapress in edematous forms of the postphlebitic syndrome] Guillerot E. **Phlebologie** 1984 Oct–Dec;37(4):463–7 (Eng. Abstr.) (Fre)

[Thermal treatment of postphlebitic syndromes] Peanne B, et al. **Phlebologie** 1984 Oct–Dec;37(4):511–4 (Eng. Abstr.) (Fre)

[Treatment and prevention of postmastectomy lymphedema (our experience)] Modena S, et al. **Chir Ital** 1985 Feb; 37(1):93–9 (Eng. Abstr.) (Ita)

[Rehabilitation: treatment of lymphedema of the arm after mastectomy] Mano MP, et al. **Minerva Ginecol** 1985 Mar; 37(3):121–5 (Eng. Abstr.) (Ita)

[Prevention and treatment of late post–mastectomy edema of the upper limbs] Riabtsev VG, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):122–7 (Rus)

[Pneumatic compression in the treatment of lymphatic edema of the arm in patients subjected to radical surgery for breast cancer] Gerasimenko VN, et al. **Vopr Onkol** 1984; 30(9):35–8 (Eng. Abstr.) (Rus)

LYMPHOCYTE ACTIVATING FACTOR see **INTERLEUKIN 1**

LYMPHOCYTE ACTIVATION see **LYMPHOCYTE TRANSFORMATION**

LYMPHOCYTE COOPERATION

The influence of autologous cell interactions on spontaneous and pokeweed mitogen–induced immunoglobulin production. Beale MG. **Cell Immunol** 1985 May; 92(2):427–37

Analysis of responder cell–cell interactions in the syngeneic mixed leukocyte response. Glimcher LH, et al. **Cell Immunol** 1985 Jun;93(1):157–67

Antigen–specific helper factor production by immortalized clone of OVA–specific T cells. I. In vitro activity. Guy R, et al. **Cell Immunol** 1984 Nov;89(1):186–93

A unidirectional carrier effect. Kohno Y, et al. **Cell Immunol** 1985 May;92(2):226–34

Synergy of helper factors in the differentiation of in vivo–preactivated antigen–specific human B cells. Peters M, et al. **Cell Immunol** 1985 Mar;91(1):33–42

Specific allogeneic help by T lymphocytes from patients with systemic lupus erythematosus. Hari Kumar MK, et al. **Clin Exp Immunol** 1984 Oct;58(1):21–8

In vivo suppression of T–dependent antibody responses by treatment with a monoclonal anti–L3T4 antibody. Coulie PG, et al. **Eur J Immunol** 1985 Jun;15(6):638–40

HLA class II restriction governing cell cooperation between antigen–specific helper T lymphocytes, B lymphocytes and monocytes for in vitro antibody production to influenza virus. Fischer A, et al. **Eur J Immunol** 1985 Jun;15(6):620–6

B cell activation potential of insulin–reactive T cells in H–2b mice. Huber BT, et al. **Eur J Immunol** 1984 Dec; 14(12):1106–10

Constraints in T–B cooperation related to epitope topology on E. coli beta–galactosidase. I. The fine specificity of T cells dictates the fine specificity of antibodies directed to conformation–dependent determinants. Manca F, et al. **Eur J Immunol** 1985 Apr;15(4):345–50

Evaluation of accessory cell heterogeneity. I. Differential accessory cell requirement for T helper cell activation and for T–B cooperation. Ramila G, et al. **Eur J Immunol** 1985 Jan;15(1):1–6

Specificity of antigen induced helper factor for antibody synthesis in vitro and its relation to lymphocytes interaction. Khansari N, et al. **Immunol Commun** 1984; 13(4):351–60

Regulatory functions of T– and accessory–cells for hepatitis B surface antigen induced specific antibody production and proliferation of human peripheral blood lymphocytes, in vitro. Hellström U, et al. **J Clin Lab Immunol** 1985 Apr; 16(4):173–81

Major histocompatibility complex–restricted, polyclonal B cell responses resulting from helper T cell recognition of antiimmunoglobulin presented by small B lymphocytes. Tony HP, et al. **J Exp Med** 1985 Jan 1;161(1):223–41

Human B lymphoblastoid cell lines provide an interleukin 1–like signal for mitogen–treated T lymphocytes via direct cell contact. Arnold A, et al. **J Immunol** 1985 Jun; 134(6):3876–81

Lyb–5+ B cells can be activated by major histocompatibility complex–restricted as well as unrestricted activation pathways. Asano Y, et al. **J Immunol** 1985 Jun; 134(6):3682–5

T cell regulation of B cell activation. An antigen–mediated tripartite interaction of Ts cells, Th cells, and B cells is required for suppression. Asano Y, et al. **J Immunol** 1984 Dec;133(6):2864–7

Failure of OKT3 monoclonal antibody to induce lymphocyte mitogenesis: a familial defect in monocyte helper function. Ceuppens JL, et al. **J Immunol** 1985 Mar;134(3):1498–502

Macrophage T lymphocyte interactions in the anti–tumor immune response: a mathematical model. De Boer RJ, et al. **J Immunol** 1985 Apr;134(4):2748–58

Information transfer between T cell subsets is directed by I–J+ antigen nonspecific molecules. Flood PM, et al. **J Immunol** 1985 Aug;135(2):933–40

cAMP is an essential signal in the induction of antibody production by B cells but inhibits helper function of T cells. Gilbert KM, et al. **J Immunol** 1985 Sep;135(3):2084–9

Characterization of a T4+/Leu–8+ T cell clone that directly helps B cell Ig production by secreting B cell differentiation factor. Goldstein H, et al. **J Immunol** 1985 Jul;135(1):339–43

An in vitro system for the generation of suppressor cells and the requirement for B cells in their induction. Hausman PB, et al. **J Immunol** 1985 Mar;134(3):1388–96

Participation of class II alloantigens in in vivo regulation of K/D region disparate thyroid graft rejection in mice. Isakov N, et al. **J Immunol** 1985 Jun;134(6):3580–5

Modes of cell:cell communication in the immune system. Janeway CA Jr, et al. **J Immunol** 1985 Aug;135(2 Suppl):739s–742s

Interleukin 2–mediated events in gamma–interferon production are calcium dependent at more than one site. Johnson HM, et al. **J Immunol** 1985 Feb;134(2):967–70

Analysis of a TH1––––TH2 helper cell circuit. McNamara M, et al. **J Immunol** 1985 Sep;135(3):1603–9

Mechanism of accessory cell requirement in inducing IL 2 responsiveness by human T4 lymphocytes that generate colonies under PHA stimulation. Oudrhiri N, et al. **J Immunol** 1985 Sep;135(3):1813–8

Regulation of immune responses via genetically–restricted cellular interactions. I. Augmentation of antibody responses by idiotype–specific enhancing B lymphocytes. Yamamoto H, et al. **J Immunol** 1984 Dec;133(6):2882–7

Mutant EL–4 thymoma cells polyclonally activate murine and human B cells via direct cell interaction. Zubler RH, et al. **J Immunol** 1985 Jun;134(6):3662–8

T–T cell interaction in the in vitro induction of delayed–type hypersensitivity (DTH) responses: demonstration of vaccinia virus–reactive helper T cell activity involved in enhanced induction of DTH responses. Kosugi A, et al. **J Leukocyte Biol** 1985 May;37(5):629–39

More help required on T and B cells [letter] Shifflett J. **Nature** 1985 Aug 8–14;316(6028):490

Anti–immunoglobulin augments the B–cell antigen–presentation function independently of internalization of receptor–antigen complex. Casten LA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5890–4

Xenogeneic antiserum to soluble products from activated lymphoid cells inhibits interleukin 1–mediated functions in the helper pathway of cytolytic–effector–cell differentiation. McMannis JD, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1513–7

Requirement for help in the generation of alloantigen–specific helper cells. Pilarski LM, et al. **Transplantation** 1985 Sep; 40(3):305–10

[Intercellular cooperation in the physiological immunologic response; clinicians on the facts and hypotheses] Klinger M, et al. **Postepy Hig Med Dosw** 1984 May–Jun; 38(3):257–79 (54 ref.) (Eng. Abstr.) (Pol)

[2 levels of regulation of the immunologic response] Strzadala L. **Postepy Hig Med Dosw** 1984 Sep–Dec;38(5–6):601–13 (Eng. Abstr.) (Pol)

[Cellular cooperation and the mechanisms regulating the immune response. I. Cells and the types of intercellular cooperation] Olinescu A. **Rev Ig [Bacteriol]** 1984 Jul–Sep; 29(3):193–208 (29 ref.) (Rum)

[Cellular cooperation and mechanism of regulation of the immune response. II. The mechanisms of regulation and control of immune reactions] Olinescu A. **Rev Ig [Bacteriol]** 1984 Oct–Dec;29(4):303–16 (25 ref.) (Eng. Abstr.) (Rum)

[Natural killer cells in the mechanism of cell cooperation in colony formation and erythropoiesis] Pukhova IaI, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1478–82 (Rus)

[Functional activity of thymic subpopulations] Gómez de la Concha E, et al. **Sangre (Barc)** 1984;29(4–C):724–30 (41 ref.) (Spa)

LYMPHOCYTE CULTURE TEST, MIXED see **LEUKOCYTE CULTURE TEST, MIXED**

LYMPHOCYTE DEPLETION

Prevention of experimental immune complex glomerulonephritis by specific inactivation of immunoreactive cells. Dienes HP, et al. **Allergol Immunopathol (Madr)** 1985 Mar–Apr;13(2):151–6

The generation of human long-term marrow cultures from marrow depleted of Ia (HLA-DR) positive cells. Keating A, et al. **Blood** 1984 Dec;64(6):1159–62

Quantitative assays for detection of residual T cells of T-depleted human marrow. Martin PJ, et al. **Blood** 1985 May;65(5):1134–40

Effects of in vitro depletion of T cells in HLA-identical allogeneic marrow grafts. Martin PJ, et al. **Blood** 1985 Sep; 66(3):664–72

Comparison of three techniques for the ex vivo elimination of T cells from human bone marrow. Blazar BR, et al. **Exp Hematol** 1985 Feb;13(2):123–8

Depletion of T-lymphocyte subsets using monoclonal antibody and complement: effect on T-colony formation. McCluskey DR, et al. **Int J Cell Cloning** 1984 Sep; 2(5):296–303

Organ-specific autoimmune diseases induced in mice by elimination of T cell subset. I. Evidence for the active participation of T cells in natural self-tolerance; deficit of a T cell subset as a possible cause of autoimmune disease. Sakaguchi S, et al. **J Exp Med** 1985 Jan 1;161(1):72–87

Thy-1 antigen expression by murine high-proliferative capacity hematopoietic progenitor cells. I. Relation between sensitivity to depletion by Thy-1 antibody and stem cell generation potential. Boswell HS, et al. **J Immunol** 1984 Dec;133(6):2940–9

Redistribution of Lyt-bearing T cells in acute murine experimental allergic encephalomyelitis: selective migration of Lyt-1 cells to the central nervous system is associated with a transient depletion of Lyt-1 cells in peripheral blood. Hauser SL, et al. **J Immunol** 1984 Dec;133(6):3037–42

A correlation between conditioning and engraftment in recipients of MHC-mismatched T cell-depleted murine bone marrow transplants. Soderling CC, et al. **J Immunol** 1985 Aug;135(2):941–6

Lymph nodes of the N:NIH(S)II-nu/nu mouse. Sainte-Marie G, et al. **Lab Invest** 1985 Jun;52(6):631–7

INSTRUMENTATION

[Production of leukocyte-poor blood. Experience with new disposable filters] Leivestad T. **Tidsskr Nor Laegeforen** 1984 Nov 10;104(31):2175–8 (Eng. Abstr.) **(Nor)**

METHODS

Human bone marrow and peripheral blood T lymphocyte depletion: efficacy and effects of both T cells and monocytes on growth of hematopoietic progenitors. Levitt L, et al. **Blood** 1985 Mar;65(3):663–79

Combined ex vivo treatment with immunotoxins and mafosfamid: a novel immunochemotherapeutic approach for elimination of neoplastic T cells from autologous marrow grafts. Uckun FM, et al. **J Immunol** 1985 May; 134(5):3504–15

LYMPHOCYTE MITOGENIC FACTOR see **MITOGENIC FACTORS, LYMPHOCYTE**

LYMPHOCYTE TRANSFORMATION

Standardization of lymphocyte transformation to antigen. Shi YE. **Acta Acad Med Wuhan** 1984;4(3):170–4

Immunological and virological studies of patients with tumours of the urogenital system. Csata S, et al. **Acta Chir Hung** 1985;26(2):119–23

Inhibition of phytohaemagglutinin-induced lymphocyte blastogenesis by serum from pregnant women: correlation between cortisol level and in vitro immunosuppression. Wajner M, et al. **Acta Endocrinol (Copenh)** 1985 Jul; 109(3):411–7

The effect of tonsillar T cell subpopulations in antigen-specific lymphocyte proliferative response. Evidence of T cell suppression. Takenaka H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;416:38–44

Development of B lymphocyte function in childhood. Andersson U. **Acta Paediatr Scand** 1985 Jul;74(4):568–73

Metabolic activation of human neutrophils by fluid-phase and particle-bound ligands. Hed J, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Jun; 92(3):189–91

Activation of human monocytes by free muramyl dipeptide (MDP). Kildahl-Andersen O, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Jun; 92(3):181–7

Mycoplasma pneumoniae--stimulation of lymphocytes obtained from adenoid vegetations and blood in children with and without serological evidence of Mycoplasma pneumoniae infection. Mogensen HH, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):313–7

A standardized human T-lymphocyte proliferation assay for detecting soluble accessory factors from monocytes. II. Interleukin-1 production and detection. Remvig L, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr; 93(2):91–6

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107–15

Effect of supernatants from PHA-stimulated and non-stimulated lymphocyte cultures on thromboxane B2 release by polymorphonuclear leukocytes in vitro. Conti P, et al. **Agents Actions** 1985 Mar;16(1–2):52–4

Studies of marginal zinc deprivation in rhesus monkeys: VI. Influence on the immunohematology of infants in the first year. Haynes DC, et al. **Am J Clin Nutr** 1985 Aug; 42(2):252–62

Ultrastructural morphometric analysis of normal human lymphocytes stimulated in vitro with mitogens and antigens. Payne CM, et al. **Am J Pathol** 1985 Aug; 120(2):263–75

Effect of human syncytiotrophoblast extract on in vitro proliferative responses. Degenne D, et al. **Am J Reprod Immunol Microbiol** 1985 May;8(1):20–6

Specific and non-specific lymphocyte blastogenic responses in individuals infected with Trypanosoma cruzi. Gusmão RD, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):827–34

Blastogenesis-suppressing serum factors, decreased immunoglobulin A, and increased beta 1-globulins in Airedale Terriers with diskospondylitis. Barta O, et al. **Am J Vet Res** 1985 Jun;46(6):1319–22

Equine cell-mediated immune response to Rhodococcus (Corynebacterium) equi. Ellenberger MA, et al. **Am J Vet Res** 1984 Nov;45(11):2424–7

Cellular and lipopolysaccharide subunit requirements for the caprine lymphoblastogenic response to endotoxin. Greenlee A, et al. **Am J Vet Res** 1985 Jan;46(1):75–9

Release of immunosuppressive substances from tissue culture cells infected with bovine viral diarrhea virus. Markham RJ, et al. **Am J Vet Res** 1985 Apr;46(4):879–83

Isolation of mononuclear cells from bovine milk by continuous-flow and density gradient centrifugation: response of cells to mitogens. Nonnecke BJ, et al. **Am J Vet Res** 1985 Jun;46(6):1259–62

Use of whole blood lymphocyte stimulation test for immunocompetency studies in bald eagles, red-tailed hawks, and great horned owls. Redig PT, et al. **Am J Vet Res** 1984 Nov;45(11):2342–6

Effect of repeated locoweed feeding on peripheral lymphocytic function and plasma proteins in sheep. Sharma RP, et al. **Am J Vet Res** 1984 Oct;45(10):2090–3

Immunologic response of sheep to inactivated and virulent bluetongue virus. Stott JL, et al. **Am J Vet Res** 1985 May; 46(5):1043–9

Suppression of mitogenic response of bovine lymphocytes during experimental ketosis in calves. Targowski SP, et al. **Am J Vet Res** 1985 Jun;46(6):1378–80

MHC restriction in T cell/B cell interaction: role of B-cell subpopulations and B-cell activation state. Hodes RJ, et al. **Ann Immunol (Paris)** 1984 Jul–Aug;135D(1):91–5 (8 ref.)

T-dependent B-cell activation: molecules involved in mediating interaction and induction signals. Julius MH. **Ann Immunol (Paris)** 1984 Jul–Aug;135D(1):85–8 (38 ref.)

A synaptic basis for T-lymphocyte activation. Norcross MA. **Ann Immunol (Paris)** 1984 Sep–Oct;135D(2):113–34 (62 ref.)

Roles of the specific T-helper signal and the antigen signal in B-cell activation. Zubler R. **Ann Immunol (Paris)** 1984 Jul–Aug;135D(1):79–82 (17 ref.)

Sequential studies on synovial lymphocyte stimulation by rubella antigen, and rubella virus isolation in an adult with persistent arthritis. Chantler JK, et al. **Ann Rheum Dis** 1985 Aug;44(8):564–8

Characteristics of spontaneously proliferating mononuclear cells in rheumatoid arthritis. Froebel K, et al. **Ann Rheum Dis** 1984 Oct;43(5):703–9

Lymphoid abnormalities in rats with adjuvant-induced arthritis. I. Mitogen responsiveness and lymphokine synthesis. Gilman SC, et al. **Ann Rheum Dis** 1984 Dec; 43(6):847–55

Cardiopulmonary bypass and host defense functions in human beings: II. Lymphocyte function. van Velzen-Blad H, et al. **Ann Thorac Surg** 1985 Mar;39(3):212–7

Lymphocyte transformation as an aspect of immune recognition in echinococcosis. A review of some current experiments. Cox DA, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):206–9

Blastogenic responses of splenic lymphocytes to toxoplasmal and retinal antigens and T- and B-cell mitogens in mice with congenital ocular toxoplasmosis. Hay J, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):113–5

One-carbon metabolism in lectin-activated human lymphocytes. Rowe PB, et al. **Arch Biochem Biophys** 1985 Jan;236(1):277–88

Lymphocyte transformation to membrane-conjugated, liposome-conjugated, or unconjugated pentadecylcatechol in the guinea pig. Gaspari AA, et al. **Arch Dermatol Res** 1985;277(3):209–13

Depression and immunity. Lymphocyte function in ambulatory depressed patients, hospitalized schizophrenic patients, and patients hospitalized for herniorrhaphy. Schleifer SJ, et al. **Arch Gen Psychiatry** 1985 Feb; 42(2):129–33

Donor and recipient origin of herpesvirus-reactive lymphocytes after bone marrow transplantation. Brief report. Ljungman P, et al. **Arch Virol** 1985;83(1–2):117–22

Age-dependent changes in inhibitory effect of human sera on phytohemagglutinin (PHA)-stimulated lymphocyte proliferation: its relationship to serum alpha 2-macroglobulin. Oshida Y, et al. **Arerugi** 1985 Jan; 34(1):62–9

Quantitation of the Sm nuclear antigen in tissues and activated lymphocytes. Boyer CM, et al. **Arthritis Rheum** 1985 Mar;28(3):294–9

Different populations of rheumatoid adherent cells mediate activation versus suppression of T lymphocyte proliferation. Klareskog L, et al. **Arthritis Rheum** 1985 Aug; 28(8):863–72

Impaired B cell proliferation by Staphylococcus aureus Cowan 1 in patients with systemic lupus erythematosus. Sawada S, et al. **Arthritis Rheum** 1985 Sep;28(9):1008–15

Immunosuppressive plasma factors in malignant disease. Francis DM, et al. **Aust NZ J Surg** 1985 Apr;55(2):111–20

Delayed-type hypersensitivity and in vitro lymphocyte response in guinea pigs immunized with a live varicella vaccine. Shiraki K, et al. **Biken J** 1984 Mar;27(1):19–22

Enhanced phosphorylation of endogenous membrane proteins during induction of B lymphocyte proliferation. Ramanadham M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):544–50

Functional role of lipid metabolism in activated T-lymphocytes. Goppelt M, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):463–72

Are cyclic nucleotides involved in the initiation of mitogenic activation of human lymphocytes? Kaever V, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):216–25

Glucocorticoid effects on membrane lipid mobility during differentiation of murine B lymphocytes. Keating KM, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):305–12

Lymphocyte blastogenesis. Post-transcriptional controls of protein synthesis. Lester EP, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):365–8

Co-mitogenic tumor promoters suppress the phosphatidylinositol response in lymphocytes during early mitogenesis. Mellors A, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):181–8

Changes in organization and microtubule assembly activity of the centrosome during lymphocyte stimulation. Schweitzer I, et al. **Biol Cell** 1984;52(2):147–59

Recovery of T cell subsets after autologous bone marrow transplantation is mainly due to proliferation of mature T cells in the graft. de Gast GC, et al. **Blood** 1985 Aug; 66(2):428–31

The regulation of immunoglobulin synthesis after HLA-identical bone marrow transplantation: VI. Differential rates of maturation of distinct functional groups within lymphoid subpopulations in patients after human marrow grafting. Lum LG, et al. **Blood** 1985 Jun; 65(6):1422–33

Mixed skin cell-lymphocyte culture reaction (MSLR) as a model for the study of lympho-epidermal interactions. Czernielewski JM. **Br J Dermatol** 1985 Jul;113 Suppl 28:17–23

Lymphocyte proliferative responses to bacterial antigens in B27-associated arthropathies [letter] Calin A. **Br J Rheumatol** 1985 May;24(2):227

Blast lymphocyte transformation (LTT), rosette (E-RFC) and leukocyte migration inhibition (MIF) tests in persons exposed to the action of lead during work. Report II. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3–4):189–97

Deficient helper cell function as a cause of diminished pokeweed mitogen blastogenic responses in patients with non-Hodgkin's lymphomas. Silver BA, et al. **Cancer** 1984 Dec 15;54(12):2936–42

T cell surface antigen expression on lymphocytes of patients with AIDS during in vitro mitogen stimulation. Munn CG, et al. **Cancer Immunol Immunother** 1984;18(3):141–8

DR antigens expressed on tumor cells do not contribute to the blastogenetic response of autologous T cells. Vánky F, et al. **Cancer Immunol Immunother** 1985;19(3):219–25

Impaired in vitro interferon, blastogenic, and natural killer cell responses to viral stimulation in acquired immune deficiency syndrome. Hersh EM, et al. **Cancer Res** 1985 Jan;45(1):406–10

Epstein-Barr virus infections in hairy cell leukemia patients in the presence of complement-dependent neutralizing antibody. Sairenji T, et al. **Cancer Res** 1985 Jan;45(1):411–5

Two mouse monoclonal antibodies detecting two different epitopes of an activated lymphocyte antigen on adult T-cell leukemia cells. Ueda R, et al. **Cancer Res** 1985 Mar; 45(3):1314–9

Myeloid differentiation-inducing factors produced by pokeweed mitogen-treated normal G1/0 lymphocytes but not chronic lymphocytic leukemia cells. Yen A, et al. **Cancer Res** 1985 Sep;45(9):4060–6

Effects of mitogenic stimulation of lymphocytes on lysosomal enzyme activity. Olsen I, et al. **Cell Biochem Funct** 1983 Jul;1(2):103–8

Lymphocyte lactate dehydrogenase isoenzymes in association with depressed mitogen responsiveness. Hannigan B, et al. **Cell Biol Int Rep** 1984 Oct;8(10):857–65

Effect of monoclonal antibodies (MoAb) to class I and class II HLA antigens on lectin- and MoAb OKT3-induced lymphocyte proliferation. Akiyama Y, et al. **Cell Immunol** 1985 Apr 1;91(2):477–91

Human epidermal cells are more potent than peripheral blood mononuclear cells for the detection of weak allogeneic or virus-specific primary responses in vitro. Bagot M, et al. **Cell Immunol** 1985 Aug;94(1):215–24

Phytohemagglutinin-induced proliferation and cytolytic activity in T3+ but not in T3- cloned T lymphocytes requires the involvement of the T3 antigen for signal transmission. Bolhuis RL, et al. **Cell Immunol** 1985 Jun; 93(1):46-57

Activation of human and murine B cells by anti-immunoglobulin antibody: dependence of the response on the preexisting level of B-cell activation. Boyd AW, et al. **Cell Immunol** 1984 Nov;89(1):75-83

T-cell responsiveness in Mycobacterium lepraemurium infections in a 'resistant' (CBA) and a 'susceptible' (BALB/c) mouse strain. Brett SJ. **Cell Immunol** 1984 Nov; 89(1):132-43

Activated B lymphocytes: stimulators of an augmented autologous mixed leukocyte reaction. Crow MK, et al. **Cell Immunol** 1985 Feb;90(2):555-68

Modification of the contractile activity of isolated rat atria by lectin-activated T-lymphocyte subsets. De Bracco MM, et al. **Cell Immunol** 1985 Jan;90(1):208-16

Lymphocyte activation by purified HLA-DR molecules fused into autochthonous 'stimulating cells'. Diu A, et al. **Cell Immunol** 1985 Aug;94(1):172-81

Characterization of normal peripheral blood T- and B-cell colony-forming cells: growth factors(s) and accessory cell requirements for their in vitro proliferation. Georgoulias V, et al. **Cell Immunol** 1985 Jan;90(1):1-13

A defined basal medium for study of in vitro T-cell responses. Gersten MJ, et al. **Cell Immunol** 1985 Mar;91(1):143-58

Characterization of cell lines enhancing IL-2 production by human phytohemagglutinin-stimulated lymphocytes. Gramatzki M, et al. **Cell Immunol** 1985 Jan;90(1):142-53

Splenic I-J-bearing antigen-presenting cells in activation of suppression: further characterization. Granstein RD, et al. **Cell Immunol** 1985 Mar;91(1):12-20

Analysis of the role of xenogeneic antigens in the proliferation of human T cells stimulated with autologous non-T cells and phytohemagglutinin-activated T cells. Indiveri F, et al. **Cell Immunol** 1985 May;92(2):210-7

Activation and growth requirements for cytotoxic and noncytotoxic T lymphocytes. Larsson EL, et al. **Cell Immunol** 1984 Nov;89(1):223-31 (63 ref.)

Macrophage-mediated mitogenic suppression induced in mice of the C3H lineage by a vaccine strain of Salmonella typhimurium. Lee JC, et al. **Cell Immunol** 1985 Mar; 91(1):75-91

Salmonella typhimurium mitogen induces proliferation of human B lymphocytes. McChesney MB, et al. **Cell Immunol** 1985 Jun;93(1):83-90

Suppression of the polyclonal B-cell responses by concanavalin A-treated bone marrow B cells in vitro. Matsumoto T, et al. **Cell Immunol** 1985 Feb;90(2):378-91

Ontogeny of T-cell mitogen response in Lewis rats. III. Juvenile adherent suppressor cells block adult mitogen responses. Middleton PA, et al. **Cell Immunol** 1984 Oct 15;88(2):421-35

Interferon-gamma can augment expression ability of HLA-DR antigens on pokeweed mitogen-stimulated human T lymphocytes. Miyawaki T, et al. **Cell Immunol** 1984 Dec;89(2):300-9

In vivo and in vitro requirements for T-cell activation: concordance and contrasts. Owens T. **Cell Immunol** 1984 Nov;89(1):232-4

Synergy of helper factors in the differentiation of in vivo-preactivated antigen-specific human B cells. Peters M, et al. **Cell Immunol** 1985 Mar;91(1):33-42

Human lymphocyte-eosinophil interactions. I. Modulation of phytohemagglutinin-induced lymphocyte proliferation by eosinophils. Ramesh KS, et al. **Cell Immunol** 1985 May; 92(2):366-75

Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells. VII. Generation of thyroid-specific cytotoxic effector cells. Salamero J, et al. **Cell Immunol** 1985 Mar;91(1):111-8

Lymphoma models for B-cell activation and tolerance. II. Growth inhibition by anti-mu of WEHI-231 and the selection and properties of resistant mutants. Scott DW, et al. **Cell Immunol** 1985 Jun;93(1):124-31

Inhibition of normal lymphocyte responses by cell membranes. Stallcup KC, et al. **Cell Immunol** 1984 Nov; 89(1):144-50

Stimulator requirements for primed alloreactive T cells: macrophages and dendritic cells activate T cells across all genetic disparities. Sunshine GH, et al. **Cell Immunol** 1985 Mar;91(1):60-74

Post-natal ontogenesis of graft-versus-host reactivity of peanut agglutinin lectin-negative thymocytes in the chicken. Torano A, et al. **Cell Immunol** 1984 Oct 15; 88(2):540-4

Lymphocyte mitogenesis induced by monoclonal antibodies to the T3 complex. Differential modulation by human IgG. Tsoukas CD, et al. **Cell Immunol** 1984 Nov;89(1):66-74

Abrogation of macrophage-mediated suppression of T-lymphocyte proliferation with hemoglobin and hemin is a function of iron content. Walker SM. **Cell Immunol** 1985 Jan;90(1):267-73

Early events during the activation of human lymphocytes by the mitogenic monoclonal antibody OKT3. Walls EV, et al. **Cell Immunol** 1984 Nov;89(1):30-8

The early (18-hr) human mixed lymphocyte reaction: identification and isolation of activated T-cell clones. Ythier AA, et al. **Cell Immunol** 1985 Mar;91(1):215-26

Inhibition by reactive aldehydes of superoxide anion radical production in stimulated human neutrophils. Witz G, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):13-23

Altered distribution of lymphocyte subpopulations and augmentation of lymphocyte proliferation in chronic PCB poisoned patients. Wu YC, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):177-87

The effects of hemorrhage on mitogen-induced lymphocyte proliferation. Abraham E, et al. **Circ Shock** 1985; 15(2):141-9

Specific proliferative response of human lymphocytes to purified soluble antigens from Plasmodium falciparum in vitro cultures and to antigens from malaria patients' sera. Bygbjerg IC, et al. **Clin Exp Immunol** 1985 Feb;59(2):421-6

Antigen specific lymphocyte transformation induced by secreted antigens from Toxoplasma gondii. Hughes HP, et al. **Clin Exp Immunol** 1984 Dec;58(3):539-47

Lymphocytes of haemophilia patients treated with clotting factor concentrates display activation-linked cell-surface antigens. Köller U, et al. **Clin Exp Immunol** 1985 Mar; 59(3):613-21

New lymphokines produced by SLE sera stimulated lymphocytes: the PNAF (polymorphonuclear activating factors). Labro-Bryskier MT, et al. **Clin Exp Immunol** 1985 Feb;59(2):442-8

Candida albicans polysaccharide extract (MPPS) and PPD stimulate the production of interleukin-1 and lymphocyte proliferation. Lombardi G, et al. **Clin Exp Immunol** 1984 Dec;58(3):581-6

Human monocytes infected with leishmania amastigotes enhance lymphocyte proliferation. Passwell J, et al. **Clin Exp Immunol** 1985 Jun;60(3):565-71

Cellular DNA content of T helper, T suppressor and B lymphocytes in SLE. Surányi P, et al. **Clin Exp Immunol** 1984 Oct;58(1):37-41

Deficient immune function of peripheral blood mononuclear cells from patients with Gardner syndrome. Warren RP, et al. **Clin Exp Immunol** 1985 Jun;60(3):525-31

In vitro lymphoproliferative response to Yersinia: depressed response in arthritic patients years after Yersinia infection. Vuento R, et al. **Clin Exp Rheumatol** 1983 Jul-Sep; 1(3):219-24

T-cell subsets in the hyporesponsiveness to hepatitis B surface antigen (HBsAg) and antigen-specific suppressor lymphocytes in chronic hepatitis B virus (HBV) infection. Barnaba V, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):284-95

Analysis of the mitogenic effects of toxic shock toxin on human peripheral blood mononuclear cells in vitro. Calvano SE, et al. **Clin Immunol Immunopathol** 1984 Oct; 33(1):99-110

Immunoregulatory effects of C3 and its major cleavage fragments. Fleisher TA, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):391-401

Inhibition of in vitro lymphocyte proliferation by serum from acquired immune deficiency syndrome patients depends on the ratio of cells to serum in culture. Henning AK, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):258-67

Accessory cell function of human alveolar macrophages in B-cell activation induced by pokeweed mitogen. McCarron RM, et al. **Clin Immunol Immunopathol** 1984 Dec; 33(3):351-62

Surface markers, 5'-nucleotidase activity, and in vitro functions of lymphocytes from patients with primary humoral immunodeficiency. Morell A, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):9-21

Production of autoantibodies to cellular antigens by human B cells transformed by Epstein-Barr virus. Robinson JE, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):339-50

Some evidence for the in vivo functional activation of suppressor T cells in asymptomatic patients with hemophilia A receiving Factor VIII concentrates. Seki H, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):27-38

Quantitative studies on T-cell functions in MRL/MP-Lpr/Lpr mice. I. Frequency analysis of precursor cells of proliferating, cytotoxic, and T-cell growth factor-secreting T lymphocytes reveals an increase in absolute numbers, with a concomitant decrease in percentage of immunocompetent cells. Simon MM, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):39-53

Reduced antigen-induced proliferation and surface Ia expression of peripheral blood T cells following tetanus booster immunization. Zlabinger GJ, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):254-62

The generation of colony stimulating activity by lectin stimulated human peripheral blood mononuclear leucocytes. Matthews JH, et al. **Clin Invest Med** 1985; 8(1):9-14

T lymphoblastic transformation of refractory anaemia with excess of blasts. Pereira AM, et al. **Clin Lab Haematol** 1985; 7(1):89-95

Inhibitors of lymphocyte activity in peritoneal fluid of continuous ambulatory peritoneal dialysis (CAPD) [letter] Giangrande A, et al. **Clin Nephrol** 1984 Jul;22(1):52-3

Impaired lymphocyte and suppressor cell function in minimal change nephropathy, membranous nephropathy and focal glomerulosclerosis. Taube D, et al. **Clin Nephrol** 1984 Oct; 22(4):176-82

Polyclonal activators in pulmonary immune disease. Willoughby WF, et al. **Clin Rev Allergy** 1985 May; 3(2):197-216 (112 ref.)

Gold sensitivity blast transformation. Silvennoinen-Kassinen S, et al. **Contact Dermatitis** 1984 Sep;11(3):156-8

Role of interleukin-1 in human B-cell activation. Lipsky PE. **Contemp Top Mol Immunol** 1985;10:195-217

Opsin for immunological studies. Broekhuyse RM, et al. **Curr Eye Res** 1985 Mar;4(3):229-32

T cell factors regulating B cell activation and differentiation. Mayer LF, et al. **Curr Top Microbiol Immunol** 1984; 113:77-85

The action of an Lyb2.1-specific monoclonal antibody in soluble or immobilized form on resting and activated B cells. Subbarao B, et al. **Curr Top Microbiol Immunol** 1984; 113:72-6

Lymphocyte transformation test in patients with American leishmaniasis. Pagnano PM, et al. **Dermatologica** 1985; 170(1):22-6

Evaluation of lymphocyte blastogenesis for diagnosis of bovine brucellosis. Baldwin CL, et al. **Dev Biol Stand** 1984; 56:357-69

Ontogenic development of proliferative and polyclonal antibody and autoantibody responses to staphylococcal peptidoglycan, protein A and cell walls in mice. Dziarski R. **Dev Comp Immunol** 1985 Winter;9(1):119-30

Ontogeny of T-cell mitogen response in Lewis rats: II. Early appearance and loss of suppressor activity. Middleton PA, et al. **Dev Comp Immunol** 1984 Fall;8(4):907-19

Ontogeny of T-cell mitogen response in Lewis rats: I. Culture conditions and developmental patterns. Middleton PA, et al. **Dev Comp Immunol** 1984 Fall;8(4):895-906

Effects of human T-cell subpopulations on B-cell proliferation as determined by (3H)-thymidine incorporation. Kay NE, et al. **Diagn Immunol** 1983; 1(1):11-6

Resting and activation antigens of T cells: studies with OKT10 and OKT20 monoclonal antibodies. Mittler RS, et al. **Diagn Immunol** 1983;1(3):120-8

Kinetics of expression of T-cell 'activation' antigens on in vivo- and in vitro-stimulated T cells. Taniguchi N, et al. **Diagn Immunol** 1983;1(3):104-11

Mitogen-induced B-cell differentiation in Xenopus laevis. Schwager J, et al. **Differentiation** 1984;27(3):182-8

Asbestos-activated peritoneal macrophages release a factor(s) which inhibits lymphocyte mitogenesis. Donaldson K, et al. **Environ Res** 1984 Oct;35(1):104-14

Biphasic increase in the in vivo phosphorylation of nuclear 110-kDa protein during early lymphocyte transformation. Kostka G, et al. **Eur J Biochem** 1985 May 2;148(3):437-40

Abnormalities of in vitro responses to polyclonal activation of peripheral blood lymphocytes in patients with active sarcoidosis. Pasquali JL, et al. **Eur J Clin Invest** 1985 Apr; 15(2):82-8

Growth of normal human T lymphocytes induced by monoclonal antibody to the T cell antigen receptor. Boylston AW, et al. **Eur J Immunol** 1985 Jul;15(7):738-42

Isotypically restricted activation of B lymphocytes by lactic dehydrogenase virus. Coutelier JP, et al. **Eur J Immunol** 1985 Mar;15(3):250-5

T cell clones interacting with accessory and T helper cells for a proliferative response. Di Pauli R, et al. **Eur J Immunol** 1984 Oct;14(10):915-22

Analysis of autoreactive I region-restricted T cell colonies isolated from the guinea pig syngeneic mixed leukocyte reaction and from immune responses to conventional foreign antigens. DosReis GA, et al. **Eur J Immunol** 1985 May;15(5):466-72

Polyclonal activation of the murine immune system by an antibody to IgD. VI. Influence of doses of goat anti-mouse delta chain and normal goat IgG on B lymphocyte proliferation and differentiation. Finkelman FD, et al. **Eur J Immunol** 1985 Apr;15(4):315-20

Enhancement of human B cell proliferation by an antibody to the C3d receptor, the gp 140 molecule. Frade R, et al. **Eur J Immunol** 1985 Jan;15(1):73-6

Activation of Lyt-2+ T cells by antibodies towards brain-associated antigens. I. Accessory cell requirement and role of Fc receptors in the induction of reactivity to interleukin 2. Gullberg M, et al. **Eur J Immunol** 1985 Apr; 15(4):393-400

Regulation of thymocyte proliferative response by macrophage-derived prostaglandin E2 and interleukin 1. Hayari Y, et al. **Eur J Immunol** 1985 Jan;15(1):43-7

Chromosome mapping of cell membrane antigens expressed on activated B cells. Katz FE, et al. **Eur J Immunol** 1985 Jan;15(1):103-6

Changes in the protein pattern of murine B cells after mitogenic stimulation. Kettman J, et al. **Eur J Immunol** 1984 Sep;14(9):778-81

Activation/suppression of the immune response in vitro by antigen and dextran sulfate. I. Analysis by limiting dilution methods. Kettman JR, et al. **Eur J Immunol** 1985 Jul; 15(7):708-12

Antigen-nonspecific T cell-derived factors in B cell activation: differences in the requirements for interleukin 2 in responses of unprimed and primed B cells. Kuhara T, et al. **Eur J Immunol** 1985 Aug;15(8):787-93

Analysis of human T lymphocyte activation in a T cell tumor model system. Landegren U, et al. **Eur J Immunol** 1985 Mar;15(3):308-11

Suppression of polyclonal B cell activation by IgG-binding factors. Requirement for T cells. Lê thi Bich-Thuy, et al. **Eur J Immunol** 1985 Jan;15(1):96-9

Senescence of a human lymphoblastoid clone producing anti-Rhesus(D). Melamed MD, et al. **Eur J Immunol** 1985 Jul;15(7):742-6

Irreversible inactivation of activated cytotoxic T lymphocyte precursor cells by 'anti-self' suppressor cells present in murine bone marrow T cell colonies. Muraoka S, et al. **Eur J Immunol** 1984 Nov;14(11):1010-6

Investigation of early T cell activation: analysis of the effect of specific antigen, interleukin 2 and monoclonal antibodies on intracellular free calcium concentration. O'Flynn K, et al. **Eur J Immunol** 1985 Jan;15(1):7-11

Mechanisms by which accessory cells contribute in growth of resting T lymphocytes initiated by OKT3 antibody. Palacios R. **Eur J Immunol** 1985 Jul;15(7):645-51

HLA-DR-, MB- and novel DC-related determinants restrict purified protein derivative of tuberculin (PPD)-stimulated human T cell proliferation. Pawelec G, et al. **Eur J Immunol** 1985 Jan;15(1):12-7

Lack of inhibition of mitogen-induced lymphoproliferation by interferon gamma. Pischedda F, et al. **Eur J Immunol** 1985 Apr;15(4):413-5

Evaluation of accessory cell heterogeneity. I. Differential accessory cell requirement for T helper cell activation and for T-B cooperation. Ramila G, et al. **Eur J Immunol** 1985 Jan;15(1):1-6

Antibodies against the transferrin receptor block the induction of cytotoxic T lymphocytes. A new method for antigen-specific negative selection in vitro. Rammensee HG, et al. **Eur J Immunol** 1985 Jul;15(7):687-92

Mitogenic capacity of oxidized human B cell lines. Ren EC, et al. **Eur J Immunol** 1984 Dec;14(12):1156-8

T cell triggering by lectins. I. Requirements for interleukin 2 production; lectin concentration determines the accessory cell dependency. Roosnek EE, et al. **Eur J Immunol** 1985 Jul;15(7):652-6

T cell triggering by lectins. II. Stimuli for induction of interleukin 2 responsiveness and interleukin 2 production differ only in quantitative aspects. Roosnek EE, et al. **Eur J Immunol** 1985 Jul;15(7):657-61

The regulatory locus r lambda 1 affects the level of lambda 1 light chain synthesis in lipopolysaccharide-activated lymphocytes but not the frequency of lambda 1-positive B cell precursors. Sanchez P, et al. **Eur J Immunol** 1985 Jan;15(1):66-72

Antigen-specific cytotoxic T cell and antigen-specific proliferating T cell clones can be induced to cytolytic activity by monoclonal antibodies against T3. Spits H, et al. **Eur J Immunol** 1985 Jan;15(1):88-91

Capacity of small B cell-enriched populations to stimulate mixed lymphocyte reactions: marked differences between irradiated vs. mitomycin C-treated stimulators. Webb SR, et al. **Eur J Immunol** 1985 Jan;15(1):92-6

Interferon gamma produced by mitogen-activated T lymphocytes does not directly mediate lymphoproliferation. Wilkinson M, et al. **Eur J Immunol** 1985 Apr;15(4):404-7

Activation of lymphocytes by PPD and PHA is promoted by exudate from BCG-induced pleurisy. Widström O. **Eur J Respir Dis** 1984 Oct;65(7):537-43

Significant non-S-phase DNA synthesis visualized by flow cytometry in activated and in malignant human lymphoid cells. Neckers LM, et al. **Exp Cell Res** 1985 Feb;156(2):429-38

Effects of Cd2+ upon Ca2+ fluxes and proliferation in concanavalin A-stimulated lymphocytes. Scott IG, et al. **Exp Cell Res** 1985 Jan;156(1):191-7

Cinemicroscopic studies of lymphocyte behavior in semi-solid medium: the polyclonal origin of lymphocyte colonies. Donnenberg AD, et al. **Exp Hematol** 1985 Jan;13(1):29-35

Pulmonary immune effector cells: II. Antigen-specific blastogenic responsiveness of lymphocyte populations during pulmonary immune complex disease in guinea pigs. LeFever AV, et al. **Exp Lung Res** 1984;7(1):23-39

Trypanosoma cruzi: regulation of mitogenic responses during infection in genetically resistant and susceptible inbred mouse strains. Lalonde RG, et al. **Exp Parasitol** 1985 Feb;59(1):33-43

Trypanosoma gambiense: immunosuppression and polyclonal B-cell activation in mice. Oka M, et al. **Exp Parasitol** 1984 Oct;58(2):209-14

Activated polymorphonuclear leucocytes consume vitamin C. Hemilä H, et al. **FEBS Lett** 1984 Dec 3;178(1):25-30

DNA topoisomerase activities in concanavalin A-stimulated lymphocytes. Taudou G, et al. **FEBS Lett** 1984 Oct 29;176(2):431-5

Human intestinal mucosal mononuclear cells exhibit lymphokine-activated killer cell activity. Fiocchi C, et al. **Gastroenterology** 1985 Mar;88(3):625-37

Involvement of the immune system in the pathogenesis of Crohn's disease. Expression of the T9 antigen on peripheral immunocytes correlates with the severity of the disease. Raedler A, et al. **Gastroenterology** 1985 Apr;88(4):978-83

Proliferative response in solid culture of T cells from healthy aged subjects. Rivas AJ, et al. **Gerontology** 1985;31(1):39-45

Abnormalities of B-cell activation and immunoregulation in patients with Crohn's disease. Sieber G, et al. **Gut** 1984 Nov;25(11):1255-61

The role of transferrin in lymphocyte transformation. Brock JH. **Haematologia (Budap)** 1984;17(2):187-98

Induction of macrophage procoagulant by products of activated lymphocytes. Geczy CL. **Haemostasis** 1984;14(5):400-11 (59 ref.)

Evidence of Sternberg-Reed cells being derived from activated lymphocytes. Stein H, et al. **Hamatol Bluttransfus** 1985;29:441-4

The effects of sera from Ra dial painters on the mitogenic responses of normal human lymphocytes. Serio CS, et al. **Health Phys** 1984 Aug;47(2):309-13

HBsAg-serum protein complexes stimulate immune T lymphocytes more efficiently than do pure HBsAg. Celis E, et al. **Hepatology** 1984 Nov-Dec;4(6):1116-23

Monoclonal antibodies directed against HLA molecules affect the lytic and proliferative behavior of a cloned line of human natural killer cells. Kornbluth J, et al. **Hum Immunol** 1984 Dec;11(4):239-47

The proliferative immune response to autologous Epstein-Barr virus-transformed lymphoblastoid cells. I. Studies with HLA haplotype loss variants demonstrate a role for MHC-linked genes. Reitnauer PJ, et al. **Hum Immunol** 1985 Jul;13(3):177-91

HLA-linked immune responsiveness to (T,G)-A-L: a family study. Suez D, et al. **Hum Immunol** 1985 Aug;13(4):219-34

Dendritic cells: historical perspective and role in oxidative mitogenesis. Bowers WE, et al. **Immunobiology** 1984 Dec;168(3-5):274-84

Accessory cells and T cell activation. The relationship between two components of macrophage accessory cell function: I-A and IL1. Durum SK, et al. **Immunobiology** 1984 Dec;168(3-5):213-31 (51 ref.)

The production of interleukin 2 as a measure of reactivity in mixed lymphocyte culture. Ilonen J, et al. **Immunobiology** 1984 Dec;167(5):399-402

The growth of concanavalin-A activated, Lyt selected subsets in IL-2 containing supernatants. Kuppers RC, et al. **Immunobiology** 1984 Oct;167(4):365-75

Activity of acid phosphatase in resting and mitogen-stimulated human peripheral blood lymphocytes. Myśliwska J, et al. **Immunobiology** 1985 Mar;169(2):198-207

Major histocompatibility complex-restricted and unrestricted interactions in the T cell-dependent activation of hapten-binding B cells. Pillai PS, et al. **Immunobiology** 1984 May;166(4-5):345-59

Kinetics of inhibition of mitogen-induced proliferation of human lymphocytes by alpha 2-macroglobulin in serum-free medium. Rastogi SC, et al. **Immunobiology** 1985 Feb;169(1):37-44

Effect of multiple sclerosis alpha 2-macroglobulin on mitogen induction of lymphocyte proliferation. Rastogi SC, et al. **Immunobiology** 1985 May;169(4):339-45

Stimulation of the murine mixed leukocyte reaction: optimal proliferation of responders requires activation of stimulators. Roy C, et al. **Immunobiology** 1985 Mar;169(2):103-15

Macrophages as regulatory cells in mitogen induced spleen cell proliferation. 1. Macrophages as suppressor cells. Travniczek E, et al. **Immunobiology** 1984 Dec;168(3-5):260-73

Dissociation of stimulatory capacity in mixed lymphocyte reaction and proliferative responses to pokeweed mitogen among peripheral blood non-T cells. Ko HS, et al. **Immunol Commun** 1984;13(6):563-9

Identification of proliferating lymphocyte subpopulations in microcultures by surface marker and autoradiography. Schneider H, et al. **Immunol Commun** 1984;13(6):553-61

Human amoebiasis: the interaction of lymphocyte surface-bound immune complexes and PMNs impairs T cell proliferative responses to E. histolytica mitogen. De Simone C, et al. **Immunol Invest** 1985 Apr;14(2):131-44

Liposome-facilitated enhancement of in vitro immunity to human colon cancer. Sengupta J, et al. **Immunol Invest** 1985 Feb;14(1):7-26

Gamma interferon enhances mitogenic responses induced by pokeweed mitogen. Aoki N, et al. **Immunol Lett** 1985;10(2):87-90

Continuous in vitro production of IgA by a human colostral immortalized cell line. Avital A, et al. **Immunol Lett** 1985;9(1):23-7

Detection of impaired mitogen responses in autologous whole blood of cancer patients using an optimized method of lymphocyte stimulation. Fritze D, et al. **Immunol Lett** 1984;8(5):243-7

The superoxide anion in lymphocyte transformation. Gallagher RB, et al. **Immunol Lett** 1984;8(6):329-33

Human B cell proliferation is stimulated by interleukin 2. Gearing A, et al. **Immunol Lett** 1985;9(2-3):105-8

Antigen-specific lymphocyte transformation in congenital toxoplasmosis. Hughes HP, et al. **Immunol Lett** 1985;10(2):95-8

The activation of T cells with Staphylococcus aureus Cowan 1 (SAC). Ishizaka A, et al. **Immunol Lett** 1985;10(1):13-7

The effect of several uremic parameters on uremic serum inhibition of lymphocyte blastogenesis. Modai D, et al. **Immunol Lett** 1985;9(5):275-8

Thymocyte activating factors from SV40-transformed human embryo fibroblasts. Okai Y, et al. **Immunol Lett** 1985;9(2-3):153-9

Modulation of early mRNA synthesis in lectin-induced lymphocyte activation—an association with a possible factor. Okai Y. **Immunol Lett** 1984;8(5):267-71

Human monoclonal antibodies produced by Epstein-Barr virus transformed cell lines bind protein A. Steinitz M, et al. **Immunol Lett** 1985;9(1):19-22

Clonotypic antibodies which stimulate T cell clone proliferation. Frelinger J, et al. **Immunol Rev** 1984 Oct;81:21-38

Cell surface structures involved in T cell activation. Lancki DW, et al. **Immunol Rev** 1984 Oct;81:65-94 (77 ref.)

Antibodies to the T3 antigen complex on human T cells render thymocytes unresponsive to mitogen. Burns GF, et al. **Immunology** 1985 May;55(1):1-6

Opposing effects of xid and nu mutations on proliferative and polyclonal antibody and autoantibody responses to peptidoglycan, LPS, protein A and PWM. Dziarski R. **Immunology** 1984 Nov;53(3):563-74

Effects of vitamin E and selenium deficiencies on rat immune function. Eskew ML, et al. **Immunology** 1985 Jan;54(1):173-80

High and low responsiveness of bovine lymphocytes to Trypanosoma brucei in vitro: lack of correlation with resistance to trypanosomiasis. Fumoux F, et al. **Immunology** 1985 Jan;54(1):195-203

Allogeneic lymphocyte stimulation in rabbits: induction of a low MW inhibitor for trypsin and for a concurrently induced alpha-macroglobulin-proteinase complex. Ganea D, et al. **Immunology** 1985 Jul;55(3):437-46

Effect of irradiation on the precursor, activated and memory suppressor T cells for delayed-type hypersensitivity to sheep erythrocytes in mice. Gill HK, et al. **Immunology** 1984 Dec;53(4):669-75

Production of a lymphocyte proliferation potentiating factor by purified polymorphonuclear leucocytes from mice and rabbits. Goto F, et al. **Immunology** 1984 Dec;53(4):683-92

Activation and proliferation signals in mouse B cells. IV. Concanavalin A stimulates B cells to leave G0, but not to proliferate. Hawrylowicz CM, et al. **Immunology** 1984 Dec;53(4):703-11

Some early events in the primary mitogenic stimulation of lymphocytes differ from later interleukin stimulation and other quiescence to growth activation systems. Johnstone AP, et al. **Immunology** 1985 Aug;55(4):685-92

Differential requirements for rabbit dendritic cells and macrophages in T lymphocyte proliferation induced by various mitogens. Kapsenberg ML, et al. **Immunology** 1985 Jun;55(2):301-10

Activation and proliferation signals in mouse B cells. V.A. comparison of the effects of intact (IgG) and F (ab')2 anti-mu or anti-delta antibodies. Klaus GG, et al. **Immunology** 1985 Apr;54(4):677-83

Activation and proliferation signals in mouse B cells. VI. Anti-Ig antibodies induce dose-dependent cell cycle progression in B cells. Klaus GG, et al. **Immunology** 1985 Jul;55(3):411-8

Activation and proliferation signals in mouse B cells. III. Intact (IGG) anti-immunoglobulin antibodies activate B cells but inhibit induction of DNA synthesis. Klaus GG, et al. **Immunology** 1984 Dec;53(4):693-701

Effect of iron deficiency on the response of mouse lymphocytes to concanavalin A: the importance of transferrin-bound iron. Mainou-Fowler T, et al. **Immunology** 1985 Feb;54(2):325-32

Langerhans cells present tick antigens to lymph node cells from tick-sensitized guinea-pigs. Nithiuthai S, et al. **Immunology** 1985 May;55(1):157-63

The role of shed Fc receptor in the regulation of lymphocyte response to phytohaemagglutinin (PHA). Pituch-Noworolska A, et al. **Immunology** 1985 Aug;55(4):693-701

Immunological studies of ageing. X. Impaired T lymphocytes and normal monocyte response from elderly humans to the mitogenic antibodies OKT3 and Leu 4. Schwab R, et al. **Immunology** 1985 Aug;55(4):677-84

Cellular immune response in rnu/rnu rats. I. Lectin responsiveness and IL-2 production kinetics of natural cytotoxicity and spleen-cell surface marker expression. Sfaksi A, et al. **Immunology** 1985 Aug;55(4):655-62

A novel lymphokine derived from human IgG Fc receptor-bearing B cells: its suppressive effect on activated T and B lymphocytes including tumour cells in vitro. Suzuki T, et al. **Immunology** 1985 Jul;55(3):427-36

Regulation of immunoglobulin secretion by factor H of human complement. Tsokos GC, et al. **Immunology** 1985 Jul;55(3):419-26

Inhibition by human T-lymphotropic virus (HTLV-I) of T-lymphocyte mitogenesis: failure of exogenous T-cell growth factor to restore responsiveness to lectin. Wainberg MA, et al. **Immunology** 1985 Jan;54(1):1-7

Lymphatic mast cells in response to in vitro stimulation by non-specific T-cell mitogens. Włodarski K, et al. **Immunology** 1985 Jun;55(2):311-5

Immunological studies in leprosy—II: Study of lymphoblast transformation to PHA in different types of leprosy patients. Singh PK, et al. **Ind J Lepr** 1984 Jan-Mar;56(1):30-5

Lymphocyte response to PHA in the presence of sera of pregnant women & its correlation with serum levels of placental specific beta 1-glycoprotein. Majumdar S, et al. **Indian J Med Res** 1984 Apr;79:502-7

Lymphocyte reactivity to phytohaemmagglutinin during pregnancy & its modulation by foetal calf serum. Ponnappan U, et al. **Indian J Med Res** 1984 Jun;79:772-8

Lymphocyte proliferation & intestinal absorptive functions in mice infected with Giardia lamblia. Radhakrishna V, et al. **Indian J Med Res** 1984 Aug;80:159-63

Antibody-dependent lymphocyte mediated cytotoxicity in amoebiasis. Vinayak VK, et al. **Indian J Med Res** 1984 Oct;80:421-7

Suppression of in vitro lymphocyte proliferation in C57BL/10 ScN mice vaccinated with phase I Coxiella burnetii. Damrow TA, et al. **Infect Immun** 1985 Jan; 47(1):149-56

Suppression of antigen- and mitogen-induced proliferation of bovine lymphocytes by excretory-secretory products of Oesophagostomum radiatum. Gasbarre LC, et al. **Infect Immun** 1985 May;48(2):540-5

Suppression of lymphocyte proliferation by Pseudomonas aeruginosa: mediation by Pseudomonas-activated suppressor monocytes. Issekutz TB, et al. **Infect Immun** 1985 Jun;48(3):832-8

Microbe-induced lymphocyte blastogenesis enhancement after preculture. Lopatin DE, et al. **Infect Immun** 1985 Apr; 48(1):159-64

Isotype commitment of B cells and dissemination of the primed state after mucosal stimulation with Mycoplasma pulmonis. Rose FV, et al. **Infect Immun** 1985 Aug; 49(2):428-34

Dissociation between interleukin-1 and interleukin-2 production in proliferative response to microbial antigens: restorative effect of exogenous interleukin-2. Vismara D, et al. **Infect Immun** 1985 Aug;49(2):298-304

Activation of rat B lymphocytes by Actinobacillus actinomycetemcomitans. Yoshie H, et al. **Infect Immun** 1985 Jan;47(1):264-70

Further studies on the lymphocyte transformation test in diagnosis of nickel allergy. Effect of fractionation of lymphocytes into different subpopulations on the basis of density. Nordlind K. **Int Arch Allergy Appl Immunol** 1984; 75(4):333-6

Suppression of T lymphocyte mitogen response in patients with mastocytosis. Olafsson JH, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):423-9

Concanavalin A-induced activation of human T cell subpopulations. Persson U, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):337-44

Lymphocyte transformation test in drug-induced toxic epidermal necrolysis. Roujeau JC, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):22-4

Lymphocyte transformation in inbred guinea pigs infected with Treponema pallidum nichols. Wicher V, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):266-9

The inhibition of lymphocyte stimulation by autologous human metastatic melanoma cells correlates with the expression of HLA-DR antigens on the tumor cells. Taramelli D, et al. **Int J Cancer** 1984 Dec 15;34(6):797-806

Depression of lymphocyte reactivity by serum from patients with dilated cardiomyopathy. Franceschini R, et al. **Int J Cardiol** 1984 Oct;6(4):431-44

In vitro spleen cell proliferation following in vivo treatment with a synthetic glycolipid or lipid A in three mouse strains. Bonaventure J, et al. **Int J Immunopharmacol** 1984; 6(4):259-67

HLA specificities, lymphocyte subsets, and mitogenic response in Henoch-Schönlein purpura nephritis. Sengar DP, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):197-200

Blast transformation of mouse splenic B-lymphocytes with extracts of Mycoplasma hyorhinis. Butler GH, et al. **Isr J Med Sci** 1984 Sep;20(9):891-4

Lymphokine-like activity of a strain of Mycoplasma arginini. Ruuth E, et al. **Isr J Med Sci** 1984 Sep;20(9):886-90

Seasonal variation of in vitro lymphocyte proliferative response to ragweed antigen E. Eisenbrey AB, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):84-90

Activated lung lymphocytes in hypersensitivity pneumonitis. Mornex JF, et al. **J Allergy Clin Immunol** 1984 Nov; 74(5):719-27

Shipping suppresses lymphocyte blastogenic responses in Angus and Brahman X Angus feeder calves. Blecha F, et al. **J Anim Sci** 1984 Sep;59(3):576-83

Blastic transformation in chronic granulocytic leukaemia. Singh VP, et al. **J Assoc Physicians India** 1984 May; 32(5):417-9

Recombinant DNA-derived interferons-alpha and -beta modulate the alloactivated proliferative response of bulk and cloned human lymphocytes. Chen BP, et al. **J Biol Response Mod** 1985 Jun;4(3):287-97

T cell growth factor required for optimal induction of T cell growth factor receptor expression in phytohemagglutinin-stimulated T cells. Reeves WG, et al. **J Biol Response Mod** 1985 Feb;4(1):83-95

Hypophosphatemia accompanying blastic crisis in a patient with malignant lymphoma. Perek J, et al. **J Cancer Res Clin Oncol** 1984;108(3):351-3

Transferrin receptor induction is required for human B-lymphocyte activation but not for immunoglobulin secretion. Neckers LM, et al. **J Cell Biochem** 1985; 27(4):377-89

Effects of temperature on aggregation and the mitogen-induced exit of lymphocytes from the resting state. Hall DJ, et al. **J Cell Physiol** 1984 Oct;121(1):206-14

Internalization and acidification of insulin by activated human lymphocytes. Murphy RF, et al. **J Cell Physiol** 1984 Nov; 121(2):351-6

Carbohydrate metabolism in transforming lymphocytes from the aged. Tollefsbol TO, et al. **J Cell Physiol** 1985 Jun; 123(3):417-24

Culture kinetics of glycolytic enzyme induction, glucose utilization, and thymidine incorporation of extended-exposure phytohemagglutinin-stimulated human lymphocytes. Tollefsbol TO, et al. **J Cell Physiol** 1985 Jan; 122(1):98-104

Kinetics of long-term (72 hr) calcium content during mitogen activation of cultured human T lymphocytes. Wolff CH, et al. **J Cell Physiol** 1985 Apr;123(1):46-50

Peripheral blood lymphocyte numbers, lymphocyte proliferative responses in vitro, and serum immunoglobulins in regular hemapheresis donors. Braine HG, et al. **J Clin Apheresis** 1985;2(3):213-8

The effects of indomethacin and interleukin-2 on the proliferation of lymphocytes from patients with lung cancer. Maca RD, et al. **J Clin Immunol** 1985 May; 5(3):158-65

Regulation of human B-cell activation, proliferation, and differentiation by soluble factors. Muraguchi A, et al. **J Clin Immunol** 1984 Sep;4(5):337-47

Defective monocyte function in acquired immune deficiency syndrome (AIDS): evidence from a monocyte-dependent T-cell proliferative system. Prince HE, et al. **J Clin Immunol** 1985 Jan;5(1):21-5

Effects of staphylococcal protein A-treated human leukemic serum on autologous leukemic blast growth and mitogenesis of lymphocytes. Spitzer TR, et al. **J Clin Immunol** 1984 Nov;4(6):455-60

Control of polyclonal immunoglobulin production from human lymphocytes by leukotrienes; leukotriene B4 induces an OKT8(+), radiosensitive suppressor cell from resting, human OKT8(-) T cells. Atluru D, et al. **J Clin Invest** 1984 Oct;74(4):1444-50

Spinal fluid lymphocytes responsive to autologous and allogeneic cells in multiple sclerosis and control individuals. Birnbaum G, et al. **J Clin Invest** 1984 Oct;74(4):1307-17

In vitro antigen-induced antibody responses to hepatitis B surface antigen in man. Kinetic and cellular requirements. Cupps TR, et al. **J Clin Invest** 1984 Oct;74(4):1204-13

Immune function in severe, active rheumatoid arthritis. A relationship between peripheral blood mononuclear cell proliferation to soluble antigens and synovial tissue immunohistologic characteristics. Malone DG, et al. **J Clin Invest** 1984 Oct;74(4):1173-85

Maintenance of antigen specificity by human interleukin-2-dependent T cell lines. Use of antigen-presenting cells and OKT3 antibody in the absence of antigen. Padula SJ, et al. **J Clin Invest** 1985 Mar; 75(3):788-97

Comparison of in vitro and in vivo mitogenic and polyclonal antibody and autoantibody responses to peptidoglycan, LPS, protein A, PWM, PHA and Con A in normal and autoimmune mice. Dziarski R. **J Clin Lab Immunol** 1985 Feb;16(2):93-109 (60 ref.)

Autologous mixed lymphocyte reaction in man. XII. Deficiency of the autologous mixed lymphocyte reaction in patients undergoing allogeneic bone marrow transplantation. Relationship with chronic graft-versus-host disease. Gupta S, et al. **J Clin Lab Immunol** 1984 Aug;14(4):173-5

The autologous mixed lymphocyte reaction in cord blood lymphocytes: altered kinetics and magnitude of proliferative response compared to the adult autologous mixed lymphocyte reaction. Zamkoff KW, et al. **J Clin Lab Immunol** 1985 Feb;16(2):87-90

T cell regulation of B cell activation. Lyt-1+,2-T cells modify the MHC-restricted function of heterogeneous and cloned T suppressor cells. Asano Y, et al. **J Exp Med** 1985 Aug 1;162(2):413-26

Stimulation of a subset of normal resting T lymphocytes by a monoclonal antibody to a crossreactive determinant of the human T cell antigen receptor. Bigler RD, et al. **J Exp Med** 1985 Jun 1;161(6):1450-63

Regulation of IgG memory responses by helper and suppressor T cells activated by the type 2 antigen, polyvinylpyrrolidone. Braley-Mullen H. **J Exp Med** 1985 Jun 1;161(6):1357-67

TLiSA1, a human T lineage-specific activation antigen involved in the differentiation of cytotoxic T lymphocytes and anomalous killer cells from their precursors. Burns GF, et al. **J Exp Med** 1985 May 1;161(5):1063-78

Human immune response to group A streptococcal carbohydrate (A-CHO). I. Quantitative and qualitative analysis of the A-CHO-specific B cell population responding in vitro to polyclonal and specific activation. Emmrich F, et al. **J Exp Med** 1985 Mar 1;161(3):547-62

A subset of Ly-1 inducer T cell clones activates B cell proliferation but directly inhibits subsequent IgG secretion. Friedman S, et al. **J Exp Med** 1985 Apr 1;161(4):785-804

Role of L3T4 in antigen-driven activation of a class I-specific T cell hybridoma. Greenstein JL, et al. **J Exp Med** 1985 Jul 1;162(1):369-74

Human T cell activation. II. A new activation pathway used by a major T cell population via a disulfide-bonded dimer of a 44 kilodalton polypeptide (9.3 antigen). Hara T, et al. **J Exp Med** 1985 Jun 1;161(6):1513-24

Regulatory mechanisms in immune responses to heterologous insulins. II. Suppressor T cell activation associated with nonresponsiveness in H-2b mice. Jensen PE, et al. **J Exp Med** 1984 Oct 1;160(4):1012-26

Detection and functional studies of p60-65 (Tac antigen) on activated human B cells. Jung LK, et al. **J Exp Med** 1984 Nov 1;160(5):1597-602

Selective inhibition of growth factor-dependent human B cell proliferation by monoclonal antibody AB1 to an antigen expressed by activated B cells. Jung LK, et al. **J Exp Med** 1984 Dec 1;160(6):1919-24

Interleukin 2-induced proliferation of leukemic human B cells. Lantz O, et al. **J Exp Med** 1985 May 1;161(5):1225-30

Proliferation of thymic stem cells with and without receptors for interleukin 2. Implications for intrathymic antigen recognition. Lugo JP, et al. **J Exp Med** 1985 May 1; 161(5):1048-62

Involvement of T44 molecules in an antigen-independent pathway of T cell activation. Analysis of the correlations to the T cell antigen-receptor complex. Moretta A, et al. **J Exp Med** 1985 Sep 1;162(3):823-38

Abnormalities induced by the mutant gene, lpr. Patterns of disease and expression of murine leukemia viruses in SJL/J mice homozygous and heterozygous for lpr. Morse HC 3d, et al. **J Exp Med** 1985 Mar 1;161(3):602-16

Interleukin 2 receptors on human B cells. Implications for the role of interleukin 2 in human B cell function. Muraguchi A, et al. **J Exp Med** 1985 Jan 1;161(1):181-97

Identification of the principal T lymphocyte-stimulating antigens of Pseudomonas aeruginosa. Parmely MJ, et al. **J Exp Med** 1984 Nov 1;160(5):1338-49

A model for the differentiation of human natural killer cells. Studies on the in vitro activation of Leu-11+ granular lymphocytes with a natural killer-sensitive tumor cell, K562. Phillips JH, et al. **J Exp Med** 1985 Jun 1; 161(6):1464-82

Cellular basis for neonatally induced T-suppressor activity. Primary B cell maturation is blocked by suppressor-helper interactions restricted by loci on chromosome 12. Raychaudhuri S, et al. **J Exp Med** 1985 Apr 1;161(4):816-31

Inhibition of antigen-specific T lymphocyte activation by structurally related Ir gene-controlled polymers. II. Competitive inhibition of I-E-restricted, antigen-specific T cell responses. Rock KL, et al. **J Exp Med** 1984 Dec 1;160(6):1864-79

Early events in Epstein-Barr virus infection provide a model for B cell activation. Thorley-Lawson DA, et al. **J Exp Med** 1985 Jul 1;162(1):45-59

Response of resting human peripheral blood natural killer cells to interleukin 2. Trinchieri G, et al. **J Exp Med** 1984 Oct 1;160(4):1147-69

Expression of interleukin 2 receptors on activated human B cells. Waldmann TA, et al. **J Exp Med** 1984 Nov 1; 160(5):1450-66

Frequency of expressed immunoglobulin light chain genes in lipopolysaccharide-stimulated BALB/c spleen cells. Zhu D, et al. **J Exp Med** 1984 Oct 1;160(4):971-86

Activated B cells express receptors for, and proliferate in response to, pure interleukin 2. Zubler RH, et al. **J Exp Med** 1984 Oct 1;160(4):1170-83

Proliferation and differentiation requirements for the induction of two retroviral loci during B-cell activation. Stoye JP, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):109-20

A monoclonal antibody (AE3.d3) with mitogenic properties for murine B cells. Allouche M, et al. **J Immunol** 1984 Nov;133(5):2301-7

Surface marker characterization of EBV target cells in normal blood and tonsil B lymphocyte populations. Aman P, et al. **J Immunol** 1985 Oct;135(4):2362-7

Activation of virus specific CTL clones: antigen-dependent regulation of interleukin 2 receptor expression. Andrew ME, et al. **J Immunol** 1985 Feb;134(2):920-5

Human B lymphoblastoid cell lines provide an interleukin 1-like signal for mitogen-treated T lymphocytes via direct cell contact. Arnold A, et al. **J Immunol** 1985 Jun; 134(6):3876-81

Mitogenic properties of neuraminidase and galactose oxidase-treated lymphoblastoid cells and plasma membranes for peripheral blood lymphocytes. Arnold A, et al. **J Immunol** 1984 Nov;133(5):2569-76

Lyb-5+ B cells can be activated by major histocompatibility complex-restricted as well as unrestricted activation pathways. Asano Y, et al. **J Immunol** 1985 Jun; 134(6):3682-5

T cell regulation of B cell activation. An antigen-mediated tripartite interaction of Ts cells, Th cells, and B cells is required for suppression. Asano Y, et al. **J Immunol** 1984 Dec;133(6):2864-7

A naturally occurring polyclonal B cell activator of normal and autoantibody responses. Atkinson MJ, et al. **J Immunol** 1985 Oct;135(4):2524-33

The decline in murine splenic PHA and LPS responsiveness with age is primarily due to an intrinsic mechanism. Averill LE, et al. **J Immunol** 1985 Jun;134(6):3859-63

Proliferation of human malignant lymphocytes induced by anti-IgM independent of B cell growth factor. Baeker TR, et al. **J Immunol** 1985 May;134(5):3532-8

Different antigen-presenting cells differ in their capacity to induce lymphokine production and proliferation of an apo-cytochrome c-specific T cell clone. Baumhüter S, et al. **J Immunol** 1985 Aug;135(2):989-94

Accessory cell function in the Con A response: role of Ia-positive and Ia-negative accessory cells. Bekoff M, et al. **J Immunol** 1985 Mar;134(3):1337-42

Control of B cell proliferation: inhibition of responses to B cell mitogens induced by plasma cell tumors. Berman JE, et al. **J Immunol** 1985 May;134(5):2872-8

H-2-linked Ir gene control of T cell recognition of the Sm nuclear autoantigen and the aberrant response of autoimmune MRL/Mp-+/+ mice. Bernard NF, et al. **J Immunol** 1985 Jun;134(6):3812-8

Response of MRL/Mp-+/+ mice to mouse Sm: non-H-2-linked genes determine T cell recognition. Bernard NF, et al. **J Immunol** 1985 Mar;134(3):1422-5

LPS and specific T cell responses: interleukin 1 (IL

1)-independent amplification of antigen-specific T helper (TH) cell proliferation. Bismuth G, et al. **J Immunol** 1985 Mar;134(3):1415-21

Thy-1 antigen expression by murine high-proliferative capacity hematopoietic progenitor cells. I. Relation between sensitivity to depletion by Thy-1 antibody and stem cell generation potential. Boswell HS, et al. **J Immunol** 1984 Dec;133(6):2940-9

Studies of in vitro activation and differentiation of human B lymphocytes. I. Phenotypic and functional characterization of the B cell population responding to anti-Ig antibody. Boyd AW, et al. **J Immunol** 1985 Mar;134(3):1516-23

Structural and functional characterization of IL 2 receptors on activated human B cells. Boyd AW, et al. **J Immunol** 1985 Apr;134(4):2387-92

Pregnancy-associated growth factor. II. A T-dependent polyclonal activator of human adult peripheral blood lymphocytes (PBL). Carlino JA, et al. **J Immunol** 1985 Mar;134(3):1702-8

Failure of OKT3 monoclonal antibody to induce lymphocyte mitogenesis: a familial defect in monocyte helper function. Ceuppens JL, et al. **J Immunol** 1985 Mar;134(3):1498-502

Peripheral (somatic) expansion of the murine cytotoxic T lymphocyte repertoire. I. Analysis of diversity in recognition repertoire of alloreactive T cells derived from the thymus and spleen of adult or aged DBA/2J mice. Chang MP, et al. **J Immunol** 1984 Nov;133(5):2375-80

Interleukin 2 (IL 2) administered in vivo: influence of IL 2 route and timing on T cell growth. Cheever MA, et al. **J Immunol** 1985 Jun;134(6):3895-900

Stimulated rat T cell-derived inhibitory factor for cellular DNA synthesis (STIF). III. Effect on cell proliferation and immune responses. Chiba K, et al. **J Immunol** 1985 May;134(5):3172-8

Effects of tobacco glycoprotein (TGP) on the immune system. I. TGP is a T-independent B cell mitogen for murine lymphoid cells. Choy JW, et al. **J Immunol** 1985 May;134(5):3193-8

Antigen presentation by EBV-B cells to resting and activated T cells: role of interleukin 1. Chu ET, et al. **J Immunol** 1985 Mar;134(3):1676-81

Functional heterogeneity in allospecific cytotoxic T lymphocyte clones. II. Development of syngeneic cytotoxicity in the absence of specific antigenic stimulation. Claesson MH, et al. **J Immunol** 1985 Feb;134(2):684-90

Analysis of the monocyte Fc receptors and antibody-mediated cellular interactions required for the induction of T cell proliferation by anti-T3 antibodies. Clement LT, et al. **J Immunol** 1985 Jul;135(1):165-71

B cell activation. VIII. Membrane immunoglobulins transduce signals via activation of phosphatidylinositol hydrolysis. Coggeshall KM, et al. **J Immunol** 1984 Dec;133(6):3382-6

Activation of Lyt-1+ and Lyt-2+ T cell cloned lines: stimulation of proliferation, lymphokine production, and self-destruction. Conta BS, et al. **J Immunol** 1985 Apr;134(4):2185-90

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al. **J Immunol** 1985 May;134(5):3089-93

Type II collagen-reactive T cell clones from mice with collagen-induced arthritis. Dallman M, et al. **J Immunol** 1985 Aug;135(2):1113-8

Anti-idiotypic antiserum to monoclonal anti-Sm inhibits the autoantigen-induced proliferative response. Dang H, et al. **J Immunol** 1985 Jun;134(6):3825-30

Functional analysis of T cell subsets from mice bearing the lpr gene. Davignon JL, et al. **J Immunol** 1985 Oct;135(4):2423-8

Separate control of B lymphocyte early activation and proliferation in response to anti-IgM antibodies. DeFranco AL, et al. **J Immunol** 1985 Jul;135(1):87-94

B cell activation: role of dendritic and T cell factors in the response to thymic-independent and -dependent antigens. DeKruyff R, et al. **J Immunol** 1985 May;134(5):2860-6

Activation requirements of cloned inducer T cells. I. Differential inhibition by anti-L3T4 or anti-I-A is determined by the accessory cell population. DeKruyff R, et al. **J Immunol** 1985 Oct;135(4):2243-8

Successful generation of cytotoxic T lymphocytes specific for self immunoglobulin-determinants on B lymphocytes. Dohi Y, et al. **J Immunol** 1985 Jul;135(1):47-52

Immunity to leprosy. II. Genetic control of murine T cell proliferative responses to Mycobacterium leprae. Douglas-Jones AG, et al. **J Immunol** 1985 Oct;135(4):2824-8

Functional properties of two human B cell growth factor species separated by lectin affinity column. Dugas B, et al. **J Immunol** 1985 Jul;135(1):333-8

Anti-immunoglobulin autoantibodies are not preferentially induced in polyclonal activation of human and mouse lymphocytes, and more anti-DNA and anti-erythrocyte autoantibodies are induced in polyclonal activation of mouse than human lymphocytes. Dziarski R. **J Immunol** 1984 Nov;133(5):2537-44

An examination of the TRF assay reveals a heterogeneity of TRF-like activities. Eisenberg L. **J Immunol** 1985 Jun;134(6):3920-5

Interleukin 2 is both necessary and sufficient for the growth and differentiation of lectin-stimulated cytolytic T lymphocyte precursors. Erard F, et al. **J Immunol** 1985 Mar;134(3):1644-52

Systemic administration of recombinant interleukin 2 stimulates in vivo lymphoid cell proliferation in tissues. Ettinghausen SE, et al. **J Immunol** 1985 Aug;135(2):1488-97

Amplification of immune T lymphocyte function in situ: the identification of active components of the immunologic network during tumor rejection. Evans R, et al. **J Immunol** 1985 Aug;135(2):1498-504

Lymphokine-like activity of 8-mercaptoguanosine: induction of T and B cell differentiation. Feldbush TL, et al. **J Immunol** 1985 May;134(5):3204-11

Antigen processing requirements for T cell activation: differential requirements for presentation of soluble conventional antigen vs cell surface MHC determinants. Finnegan A, et al. **J Immunol** 1985 May;134(5):2960-5

Recognition of viral antigens by human influenza A virus-specific T lymphocyte clones. Fleischer B, et al. **J Immunol** 1985 Oct;135(4):2800-4

A monoclonal antibody that recognizes an Ly-6-linked antigen inhibits the generation of functionally active T cell subsets. Flood PM, et al. **J Immunol** 1985 Jul;135(1):63-72

Lymphokine-activated tumor inhibition in vivo. I. The local administration of interleukin 2 triggers nonreactive lymphocytes from tumor-bearing mice to inhibit tumor growth. Forni G, et al. **J Immunol** 1985 Feb;134(2):1305-11

Activation of human thymocytes via the 50KD T11 sheep erythrocyte binding protein induces the expression of interleukin 2 receptors on both T3+ and T3- populations. Fox DA, et al. **J Immunol** 1985 Jan;134(1):330-5

Enhancing effect of IFN-gamma on helper T cell activity and IL 2 production. Frasca D, et al. **J Immunol** 1985 Jun;134(6):3907-11

B5, a new B cell-restricted activation antigen. Freedman AS, et al. **J Immunol** 1985 Apr;134(4):2228-35

Evidence that autoreactive T hybridomas recognize multiple epitopes on the I-Ak molecule. Glimcher LH, et al. **J Immunol** 1985 Mar;134(3):1780-6

Cloned allospecific human helper T cell lines induce an MHC-restricted proliferative response by resting B cells. Goldberg D, et al. **J Immunol** 1985 Aug;135(2):1012-9

Newborn and Wiskott-Aldrich patient B cells can be activated by TNP-Brucella abortus: evidence that TNP-Brucella abortus behaves as a T-independent type 1 antigen in humans. Golding B, et al. **J Immunol** 1984 Dec;133(6):2966-71

Generation of primary murine CTL specific for allogeneic and xenogeneic MHC determinants upon stimulation with murine L cells transfected with class I genes. Golding H, et al. **J Immunol** 1985 Jun;134(6):3557-9

Mechanism of 8-mercaptoguanosine-mediated adjuvanticity: roles of clonal expansion and cellular recruitment. Goodman MG, et al. **J Immunol** 1984 Dec;133(6):2910-4

Peripheral (somatic) expansion of the murine cytotoxic T lymphocyte repertoire. II. Comparison of diversity in recognition repertoire of alloreactive T cells in spleen and thymus of young or aged DBA/2J mice transplanted with bone marrow cells from young or aged donors. Gorczynski RM, et al. **J Immunol** 1984 Nov;133(5):2381-9

AKR/J gene(s) unlinked to H-2 determines dominant inheritance of lymphocyte hyporesponsiveness to acetylcholine receptor. Gorzynski TJ, et al. **J Immunol** 1985 Apr;134(4):2079-83

Increased phosphatidylinositol metabolism is an important but not an obligatory early event in B lymphocyte activation. Grupp SA, et al. **J Immunol** 1985 Jun;134(6):4087-94

The role of cytoplasmic intermediates in IL 2-induced T cell growth. Gutowski JK, et al. **J Immunol** 1984 Dec;133(6):3068-74

BCGFII activity on activated B cells of a purified murine T cell-replacing factor (TRF) from a T cell hybridoma (B151K12). Harada N, et al. **J Immunol** 1985 Jun;134(6):3944-51

Immunological studies of aging. XI. Age-related changes in idiotype repertoire of suppressor T cells stimulated during tolerance induction. Hausman PB, et al. **J Immunol** 1985 Jun;134(6):3802-7

Mechanism controlling the genetic restrictions of an NP-specific suppressor factor that inhibits B cell responses. Hausman PB, et al. **J Immunol** 1985 Aug;135(2):915-21

An in vitro system for the generation of suppressor cells and the requirement for B cells in their induction. Hausman PB, et al. **J Immunol** 1985 Mar;134(3):1388-96

In vitro propagation and cloning of murine natural suppressor (NS) cells. Hertel-Wulff B, et al. **J Immunol** 1984 Nov;133(5):2791-6

Synthetic Fc peptide-mediated regulation of the immune response. II. Analysis of secreted immunoglobulin classes, accessory cell contribution, and lymphocyte proliferation in p23-stimulated spleen cell cultures. Hobbs MV, et al. **J Immunol** 1985 May;134(5):2847-52

IL 1 requirement for B cell activation revealed by use of adult serum. Hoffmann MK, et al. **J Immunol** 1984 Nov;133(5):2566-8

Genetic restriction of autoreactive acetylcholine receptor-specific T lymphocytes in myasthenia gravis. Hohlfeld R, et al. **J Immunol** 1985 Oct;135(4):2393-9

Graft-vs-host reactions (GVHR) across minor murine histocompatibility barriers. I. Impairment of mitogen responses and suppressor phenomena. Holda JH, et al. **J Immunol** 1985 Mar;134(3):1397-402

Antibodies to nonpolymorphic determinants of the Thy-1 molecule inhibit T cell proliferation. Hollander N. **J Immunol** 1985 May;134(5):2916-21

Frequency analysis of functional immunoglobulin C- and V-gene expression by mitogen-reactive B cells in germfree mice fed chemically defined ultra-filtered 'antigen-free' diet. Hooijkaas H, et al. **J Immunol** 1985 Apr;134(4):2223-7

Interaction of interleukin 2 with cells: quantitative analysis of effects. Hooton JW, et al. **J Immunol** 1985 Oct;135(4):2464-73

Interleukin 2-mediated induction of lytic activity in a cloned murine CTL line. Howe RC, et al. **J Immunol** 1985 Apr;134(4):2414-8

In vivo activation of autoreactive cytotoxic T lymphocytes after bone marrow transplantation: evidence for the prethymic specificity of T cells? Hurme M, et al. **J Immunol** 1985 Aug;135(2):1108-12

The antigen receptor on a human T cell line initiates activation by increasing cytoplasmic free calcium. Imboden JB, et al. **J Immunol** 1985 Feb;134(2):663-5

Network regulation of the immune response: alternative control points for suppressor modulation of effector lymphocytes. Irvine DH, et al. **J Immunol** 1985 Apr;134(4):2100-16

Network regulation of the immune response: modulation of suppressor lymphocytes by alternative signals including contrasuppression. Irvine DH, et al. **J Immunol** 1985 Apr;134(4):2117-30

Generation of activated killer (AK) cells by recombinant interleukin 2 (rIL 2) in collaboration with interferon-gamma (IFN-gamma). Itoh K, et al. **J Immunol** 1985 May;134(5):3124-9

Leu-11+ lymphocytes with natural killer (NK) activity are precursors of recombinant interleukin 2 (rIL 2)-induced activated killer (AK) cells. Itoh K, et al. **J Immunol** 1985 Feb;134(2):802-7

The immunobiology of the T cell response to Mls-locus-disparate stimulator cells. I. Unidirectionality, new strain combinations, and the role of Ia antigens. Janeway CA Jr, et al. **J Immunol** 1985 Apr;134(4):2057-63

Presence of an antigen-specific T cell subset that forms IgE-suppressive factor and IgG-suppressive factor on antigenic stimulation. Jardieu P, et al. **J Immunol** 1985 Aug;135(2):922-9

Hapten-specific responses to the phenyltrimethylamino hapten. V. A single chain antigen-binding I-J+ first-order T suppressor factor requires antigen to induce anti-idiotypic second-order suppressor T cells. Jayaraman S, et al. **J Immunol** 1985 Feb;134(2):1010-8

The roles of T cell factors in activation, cell cycle progression, and differentiation of human B cells. Jelinek DF, et al. **J Immunol** 1985 Mar;134(3):1690-701

Functional analysis of cloned macrophage hybridomas. IV. Induction and inhibition of mixed lymphocyte responses. Ju ST, et al. **J Immunol** 1985 Jun;134(6):3722-30

Effects of V lambda gene diversity on generation of antigen-specific lymphocytes. Ju ST, et al. **J Immunol** 1984 Dec;133(6):3378-81

Helper effects required during in vivo priming for a cytolytic response to the H-Y antigen in nonresponder mice. Juretić A, et al. **J Immunol** 1985 Mar;134(3):1408-14

Igh restriction of the anti-alpha (1-3) dextran response: polyclonal B cell activators induce the synthesis of anti-alpha (1-3) dextran antibodies in lymphocytes from Igha mice only. Juy D, et al. **J Immunol** 1985 Aug;135(2):1239-44

In vitro maturation of B cells in chronic lymphocytic leukemia. I. Synergistic action of phorbol ester and interleukin 2 in the induction of Tac antigen expression and interleukin 2 responsiveness in leukemic B cells. Kabelitz D, et al. **J Immunol** 1985 Oct;135(4):2876-81

The role of class I MHC products in polyclonal activation of CTL function. Kane K, et al. **J Immunol** 1984 Dec;133(6):2857-63

Maturational and functional diversity of human B lymphocytes delineated with anti-Leu-8. Kansas GS, et al. **J Immunol** 1985 May;134(5):3003-6

A mitogenic factor, released by stimulated human mononuclear cells and distinct from interleukin 2 (IL 2), B cell growth factor (BCGF), and interleukin 1 (IL 1). Kasakura S, et al. **J Immunol** 1984 Dec;133(6):3084-90

Recognition of influenza virus hemagglutinin by subtype-specific and cross-reactive proliferative T cells: contribution of HA1 and HA2 polypeptide chains. Katz JM, et al. **J Immunol** 1985 Jan;134(1):616-22

The immunobiology of T cell responses to Mls-locus-disparate stimulator cells. II. Effects of Mls-locus-disparate stimulator cells on cloned, protein antigen-specific, Ia-restricted T cell lines. Katz ME, et al. **J Immunol** 1985 Apr;134(4):2064-70

Mechanisms of human T cell response to mitogens: IL 2 induces IL 2 receptor expression and proliferation but not IL 2 synthesis in PHA-stimulated T cells. Katzen D, et al. **J Immunol** 1985 Sep;135(3):1840-5

The proliferative response of cloned Peyer's patch switch T cells to syngeneic and allogeneic stimuli. Kawanishi H, et al. **J Immunol** 1985 Jun;134(6):3586-91

Identification and characterization of a B cell growth inhibitory factor (BIF) on BCGF-dependent B cell proliferation. Kawano M, et al. **J Immunol** 1985 Jan;134(1):375-81

Autoregulation of B cell growth by an immunoglobulin M autoantibody. Kiely JM, et al. **J Immunol** 1985 Aug;135(2):1040-5

A novel anti-Ia monoclonal antibody which specifically enhances the corresponding T cell alloreactivity. Kimura AK, et al. **J Immunol** 1984 Nov;133(5):2360-4

Activation requirements for antigen- and mitogen-induced interferon-gamma release from cytotoxic T lymphocytes. Klein JR, et al. **J Immunol** 1985 Apr;134(4):2456-61

Functional recognition of bacterial mitogens by B lymphoma cells: reactivity of WEHI 279.1 to lipopolysaccharide and selection of nonreactive variants. Kleine B, et al. **J Immunol** 1985 Oct;135(4):2541-5

Regulation of the growth of Epstein-Barr virus-infected B cells. I. Growth regression by E rosetting cells from VCA-positive donors is a combined effect of autologous mixed leukocyte reaction and activation of T8+ memory cells. Konttinen YT, et al. **J Immunol** 1985 Apr;134(4):2287-93

Induction of human T lymphocyte motility by interleukin 2. Kornfeld H, et al. **J Immunol** 1985 Jun;134(6):3887-90

Cellular immunity in Q fever: modulation of responsiveness by a suppressor T cell-monocyte circuit. Koster FT, et al. **J Immunol** 1985 Aug;135(2):1067-72

The molecular basis of the requirement for antigen processing of pigeon cytochrome c prior to T cell activation. Kovač Z, et al. **J Immunol** 1985 May;134(5):3233-40

In vitro T cell hyperreactivity in Obese strain (OS) chickens is due to a defect in nonspecific suppressor mechanism(s). Krömer G, et al. **J Immunol** 1985 Oct;135(4):2458-63

In vivo treatment of neonatal mice with anti-I-A antibodies interferes with the development of the class I, class II, and Mls-reactive proliferating T cell subset. Kruisbeek AM, et al. **J Immunol** 1985 Jun;134(6):3597-604

Tac antigen-positive T cells activated in autologous mixed lymphocyte reaction regulate the generation of killer T cells against hapten-modified autologous cells. Kumagai S, et al. **J Immunol** 1985 Feb;134(2):711-7

Immunoregulation after thermal injury: sequential appearance of I-J+, Ly-1 T suppressor inducer cells and Ly-2 T suppressor effector cells following thermal trauma in mice. Kupper TS, et al. **J Immunol** 1984 Dec;133(6):3047-53

Antibodies to Tp67 and Tp44 augment and sustain proliferative responses of activated T cells. Ledbetter JA, et al. **J Immunol** 1985 Oct;135(4):2331-6

Induction of nonspecific cytotoxicity by monoclonal anti-T3 antibodies. Leeuwenberg JF, et al. **J Immunol** 1985 Jun;134(6):3770-5

Novel antigenic determinants of the T200 glycoprotein expressed preferentially by activated cytotoxic T lymphocytes. Lefrançois L, et al. **J Immunol** 1985 Jul;135(1):374-83

The helper and suppressor functions of primate T cells elicited by a 185K streptococcal antigen, as compared with the helper function elicited by a 4K streptococcal antigen. Lehner T, et al. **J Immunol** 1985 Aug;135(2):1437-42

Tolerance induction in antigen-specific helper T cell clones and lines in vitro. Levich JD, et al. **J Immunol** 1985 Aug;135(2):873-8

Lymphoma models for B cell activation and tolerance. I. Conditions for the anti-mu-dependent stimulation of growth in NBL, a nude B cell lymphoma. Ling M, et al. **J Immunol** 1985 Mar;134(3):1449-54

Induction of proliferation in vitro of resting human natural killer cells: expression of surface activation antigens. London L, et al. **J Immunol** 1985 Feb;134(2):718-27

Functional characterization of human thymocytes: a limiting dilution analysis of precursors with proliferative and cytolytic activities. Lopez-Botet M, et al. **J Immunol** 1985 Apr;134(4):2299-304

In vivo administration of purified human interleukin 2. II. Half life, immunologic effects, and expansion of peripheral lymphoid cells in vivo with recombinant IL 2. Lotze MT, et al. **J Immunol** 1985 Oct;135(4):2865-75

Production of an endogenous pyrogen by glomerular mesangial cells. Lovett DH, et al. **J Immunol** 1985 Feb;134(2):670-2

Antigenic stimulation regulates the expression of IL 2 receptors in a cytolytic T lymphocyte clone. Lowenthal JW, et al. **J Immunol** 1985 Feb;134(2):931-9

The induction and suppression of in vitro IgG anti-tetanus toxoid antibody synthesis by human lymphocytes stimulated with tetanus toxoid in the absence of in vivo booster immunizations. Lum LG, et al. **J Immunol** 1985 Jul;135(1):185-91

T cell responses to Mls determinants are restricted by cross-reactive MHC determinants. Lynch DH, et al. **J Immunol** 1985 Apr;134(4):2071-8

Characterization of murine T cell activation signals produced by B lymphoma cells. McKean DJ, et al. **J Immunol** 1985 Apr;134(4):2484-91

Continuous cultivation of equine lymphocytes: evidence for occasional T cell-like maturation events in horses with hereditary severe combined immunodeficiency. Magnuson NS, et al. **J Immunol** 1984 Nov;133(5):2518-24

Antigen-specific B cells efficiently present low doses of antigen for induction of T cell proliferation. Malynn BA, et al. **J Immunol** 1985 Aug;135(2):980-8

Induction of interleukin 2 responsiveness in thymocytes by synergistic action of interleukin 1 and interleukin 2. Männel DN, et al. **J Immunol** 1985 May;134(5):3108-10

Biochemical characterization of murine lymphoid alloantigen Ly-m20.2, a cell surface marker controlled by a gene linked to the Mls locus. Mark WH, et al. **J Immunol** 1985 Oct;135(4):2635-41

Activation of human B cells and inhibition of their terminal differentiation by monoclonal anti-mu antibodies. Maruyama S, et al. **J Immunol** 1985 Jul;135(1):192-9

Characterization of in vivo-activated allospecific T lymphocytes propagated from human renal allograft biopsies undergoing rejection. Mayer TG, et al. **J Immunol** 1985 Jan;134(1):258-64

T3 monoclonal antibody activation of nonspecific cytolysis: a mechanism of CTL inhibition. Mentzer SJ, et al. **J Immunol** 1985 Jul;135(1):34-8

Genetic regulation of the immune response to hepatitis B surface antigen (HBsAg). V. T cell proliferative response and cellular interactions. Milich DR, et al. **J Immunol** 1985 Jun;134(6):4194-202

Genetic regulation of the immune response to hepatitis B surface antigen (HBsAg). VI. T cell fine specificity. Milich DR, et al. **J Immunol** 1985 Jun;134(6):4203-11

Delayed reduction in T cell precursor frequencies accompanies diet-induced lifespan extension. Miller RA, et al. **J Immunol** 1985 Mar;134(3):1426-9

Increase in cytosolic free calcium concentration is an intracellular messenger for the production of interleukin 2 but not for expression of the interleukin 2 receptor. Mills GB, et al. **J Immunol** 1985 Mar;134(3):1640-3

Interleukin 2-induced lymphocyte proliferation is independent of increases in cytosolic-free calcium concentrations. Mills GB, et al. **J Immunol** 1985 Apr;134(4):2431-5

Alloantigen presentation by B cells: two types of alloreactive T cell hybridomas, B cell-reactive and B cell-nonreactive. Minami M, et al. **J Immunol** 1985 Jul;135(1):111-6

In vitro antigen-specific antibody response to the species-specific surface protein antigens of typhus group rickettsiae by human peripheral blood mononuclear cells: generation of an antigen-dependent suppressor T cell. Misiti J, et al. **J Immunol** 1985 Apr;134(4):2689-94

Activated human B cells display a functional IL 2 receptor. Mittler R, et al. **J Immunol** 1985 Apr;134(4):2393-9

Defective cell-mediated immunity in leprosy: failure of T cells from lepromatous leprosy patients to respond to Mycobacterium leprae is associated with defective expression of interleukin 2 receptors and is not reconstituted by interleukin 2. Mohagheghpour N, et al. **J Immunol** 1985 Aug;135(2):1443-9

Lymphocyte activation by the Fc region of immunoglobulin. I. Role of prostaglandins in the down regulation of Fc fragment-induced polyclonal antibody production. Morgan EL, et al. **J Immunol** 1985 Apr;134(4):2247-53

The anti-tumor efficacy of lymphokine-activated killer cells and recombinant interleukin 2 in vivo. Mulé JJ, et al. **J Immunol** 1985 Jul;135(1):646-52

Signal requirements for growth and differentiation of activated murine B lymphocytes. Müller W, et al. **J Immunol** 1985 Aug;135(2):1213-9

Induction of interferon-gamma production by human natural killer cells stimulated by hydrogen peroxide. Munakata T, et al. **J Immunol** 1985 Apr;134(4):2449-55

Effect of recombinant IL 2 and gamma-IFN on proliferation and differentiation of human B cells. Nakagawa T, et al. **J Immunol** 1985 Feb;134(2):959-66

Physicochemical and functional properties of murine B cell-derived B cell growth factor II (WEHI-231-BCGF-II). Nakajima K, et al. **J Immunol** 1985 Aug;135(2):1207-12

The role of the transferrin receptor in human B lymphocyte activation. Neckers LM, et al. **J Immunol** 1984 Nov;133(5):2437-41

Common precursor pool marker for allospecific (CTL) and nonspecific (NK and activated) cytotoxic cells in the bone marrow. Nieminen P, et al. **J Immunol** 1985 Feb;134(2):699-703

Characterization of the accessory cells involved in suppressor T cell induction. Noma T, et al. **J Immunol** 1985 Mar;134(3):1374-80

Retrovirus-mediated immunosuppression. I. FeLV-UV and specific FeLV proteins alter T lymphocyte behavior by inducing hyporesponsiveness to lymphokines. Orosz CG, et al. **J Immunol** 1985 May;134(5):3396-403

Suppression of in vitro CML generation by alloactivated lymphocytes: analysis of antigen-nonspecific suppressive mechanisms. Orosz CG, et al. **J Immunol** 1985 Jan;134(1):45-50

Inhibition of IL 2-dependent proliferation of rat T lymphoblasts by the monoclonal antibody ART62 which reacts with MHC class 1 antigens. Osawa H, et al. **J Immunol** 1985 Jun;134(6):3901-6

Mechanism of accessory cell requirement in inducing IL 2 responsiveness by human T4 lymphocytes that generate colonies under PHA stimulation. Oudrhiri N, et al. **J Immunol** 1985 Sep;135(3):1813-8

Stereospecific receptors for substance P on cultured human IM-9 lymphoblasts. Payan DG, et al. **J Immunol** 1984 Dec;133(6):3260-5

Murine anti-swine T4 and T8 monoclonal antibodies: distribution and effects on proliferative and cytotoxic T cells. Pescovitz MD, et al. **J Immunol** 1985 Jan;134(1):37-44

Specific Schistosoma mansoni rat T cell clones. I. Generation and functional analysis in vitro and in vivo. Pestel J, et al. **J Immunol** 1985 Jun;134(6):4132-9

Subclass specificity of Fc gamma receptor-mediated inhibition of mouse B cell activation. Phillips NE, et al. **J Immunol** 1985 May;134(5):2835-8

Enhancement of tumor growth correlates with suppression of the tumor-specific cytolytic T lymphocyte response in mice chronically infected by Trypanosoma cruzi. Plata F. **J Immunol** 1985 Feb;134(2):1312-9

Tumor-activated NK cells trigger monocyte oxidative metabolism. Pohajdak B, et al. **J Immunol** 1984 Nov;133(5):2430-6

A 'lymphokine-like' soluble product that induces proliferation and maturation of B cells appears in the serum-free supernatant of a T cell hybridoma as a consequence of mycoplasmal contamination. Proust JJ, et al. **J Immunol** 1985 Jan;134(1):390-6

Splenic B cells from CBA/N mice acquire responsiveness to anti-immunoglobulin after a brief treatment with pronase. Ramanadham M, et al. **J Immunol** 1985 Jan;134(1):4-6

Effect of wheat germ agglutinin on the interleukin pathway of human T lymphocyte activation. Reed JC, et al. **J Immunol** 1985 Jan;134(1):314-23

B lymphocyte production in the bone marrow of mice with X-linked immunodeficiency (xid). Reid GK, et al. **J Immunol** 1985 Oct;135(4):2299-302

T cell regulation of interferon-alpha/beta (IFN-alpha/beta) production by alloantigen-stimulated bone marrow cells. Reyes VE, et al. **J Immunol** 1985 May;134(5):3137-41

T cells from autoimmune 'IL 2-defective' MRL-lpr/lpr mice continue to grow in vitro and produce IL 2 constitutively. Rosenberg YJ, et al. **J Immunol** 1984 Nov;133(5):2545-8

Anti-immunoglobulin in combination with cytochalasin stimulates proliferation of murine B lymphocytes. Rothstein TL. **J Immunol** 1985 Jul;135(1):106-10

T cell synergy in the primary MLR: proliferative kinetics, effector cell generation, and IL 2 production. Salomon DR, et al. **J Immunol** 1984 Dec;133(6):3075-83

Subsets of human large granular lymphocytes (LGL) exhibit accessory cell functions. Scala G, et al. **J Immunol** 1985 May;134(5):3049-55

Enhanced activation of a T cell line specific for acetylcholine receptor (AChR) by using anti-AChR monoclonal antibodies plus receptors. Schalke BC, et al. **J Immunol** 1985 Jun;134(6):3643-8

The role of interleukin 2 and T11 E rosette antigen in activation and proliferation of human NK clones. Schmidt RE, et al. **J Immunol** 1985 Jul;135(1):672-8

Delayed hypersensitivity and immune protection against herpes simplex virus: suppressor T cells that regulate the induction of delayed hypersensitivity effector T cells also regulate the induction of protective T cells. Schrier RD, et al. **J Immunol** 1985 May;134(5):2889-93

The T lymphocyte response to cytochrome c. V. Determination of the minimal peptide size required for stimulation of T cell clones and assessment of the contribution of each residue beyond this size to antigenic potency. Schwartz RH, et al. **J Immunol** 1985 Oct;135(4):2598-608

Identification of early stages of T lymphocyte development in the thymus cortex and medulla. Scollay R, et al. **J Immunol** 1985 Jun;134(6):3632-42

Antigen-specific T cell activation results in an increase in cytoplasmic free calcium. Shapiro DN, et al. **J Immunol** 1985 Oct;135(4):2256-61

Hapten-specific T cell responses to 4-hydroxy-3-nitrophenyl acetyl. XIV. Carrier requirement for suppressor cell induction. Sherr DH, et al. **J Immunol** 1984 Nov;133(5):2417-22

The regulation of membrane-bound and secreted alpha-chain biosynthesis during the differentiation of the B cell lymphoma I.29. Sitia R, et al. **J Immunol** 1985 Oct;135(4):2859-64

Phylogeny of lymphocyte heterogeneity: the cellular requirements for in vitro mitogenic responses of channel catfish leukocytes. Sizemore RC, et al. **J Immunol** 1984 Dec;133(6):2920-4

Sodium periodate-induced T cell mitogenesis: an analysis of the requirement for Ia and IL 1. Smith LA, et al. **J Immunol** 1985 Aug;135(2):1137-44

Maturation of B cell subpopulations responding to phosphorylcholine. Smyk S, et al. **J Immunol** 1985 Apr;134(4):2254-9

Insulin and growth hormone function as minor growth factors that potentiate lymphocyte activation. Snow EC. **J Immunol** 1985 Aug;135(2 Suppl):776s-778s

Two distinct class II molecules encoded by the genes within HLA-DR subregion of HLA-Dw2 and Dw12 can act as stimulating and restriction molecules. Sone T, et al. **J Immunol** 1985 Aug;135(2):1288-98

Immunoregulation in the rat: characteristics of a suppressor T cell that inhibits antigen-dependent cell proliferation. Sopori ML, et al. **J Immunol** 1985 Jul;135(1):80-6

The role of intercellular contacts in the activation of B lymphocytes by anti-immunoglobulin antibodies. Spieker-Polet H, et al. **J Immunol** 1985 May;134(5):2827-34

Epidermal cells as accessory cells in the generation of allo-reactive and hapten-specific cytotoxic T lymphocyte (CTL) responses. Steiner G, et al. **J Immunol** 1985 Feb;134(2):736-41

Studies on antigens associated with the activation of murine mononuclear phagocytes: kinetics of and requirements for induction of lymphocyte function-associated (LFA)-1 antigen in vitro. Strassmann G, et al. **J Immunol** 1985 Jul;135(1):147-51

Suppression of alloimmune cytotoxic T lymphocyte (CTL) generation by depletion of NK cells and restoration by interferon and/or interleukin 2. Suzuki R, et al. **J Immunol** 1985 Apr;134(4):2139-48

Human B cell responsiveness to B cell growth factor after activation by phorbol ester and monoclonal anti-mu antibody. Suzuki T, et al. **J Immunol** 1985 Apr;134(4):2470-6

Role of BCGFII in the differentintion to antibody secretion normal and tumor B cells. Swain SL. **J Immunol** 1985 Jun;134(6):3934-43

Differential Ia antigen expression by autologous human erythroid and B lymphoblastoid cell lines. Symington FW, et al. **J Immunol** 1985 Aug;135(2):1026-32

Role of N-acetyl-D-galactosamine residue on B151K12-derived T cell-replacing factor (B151-TRF) molecule in B cell-receptor binding and -stimulating activity. Takahama Y, et al. **J Immunol** 1985 Oct;135(4):2534-40

Inhibition of mixed lymphocyte response by a rat monoclonal antibody to a novel murine lymphocyte activation antigen (MALA-2). Takei F. **J Immunol** 1985 Mar;134(3):1403-7

The B cell surface molecule B1 is functionally linked with B cell activation and differentiation. Tedder TF, et al. **J Immunol** 1985 Aug;135(2):973-9

Ontogeny of proliferative and cytotoxic responses to interleukin 2 and concanavalin A in murine fetal thymus. Teh HS, et al. **J Immunol** 1985 Mar;134(3):1653-8

Demonstration of the involvement of interleukin 2 in the differentiation of Staphylococcus aureus Cowan I-stimulated B cells. Teranishi T, et al. **J Imunol** 1984 Dec;133(6):3062-7

C3d-K, a kallikrein cleavage fragment of iC3b is a potent inhibitor of cellular proliferation. Thoman ML, et al. **J Immunol** 1984 Nov;133(5):2629-33

Size-dependent B lymphocyte subpopulations: relationship of cell volume to surface phenotype, cell cycle, proliferative response, and requirements for antibody production to TNP-Ficoll and TNP-BA. Thompson CB, et al. **J Immunol** 1984 Nov;133(5):2333-42

T cell-derived B cell growth factor(s) can induce stimulation of both resting and activated B cells. Thompson CB, et al. **J Immunol** 1985 Jan;134(1):369-74

Regulation of human B cell proliferation by prostaglandin E2. Thompson PA, et al. **J Immunol** 1984 Nov;133(5):2446-53

BLAST-2 [EBVCS], an early cell surface marker of human B cell activation, is superinduced by Epstein Barr virus. Thorley-Lawson DA, et al. **J Immunol** 1985 May;134(5):3007-12

Regulatory role of a monomorphic determinant of HLA Class I antigens in T cell proliferation. Turco MC, et al. **J Immunol** 1985 Oct;135(4):2268-73

Homologous monoclonal antibodies specific for alpha 1-3 dextran stimulate polyclonal proliferation of Lyb-5+ B cells. Victor-Kobrin C, et al. **J Immunol** 1985 Jun;134(6):3686-92

Recessive T cell response to poly (Giu50Tyr50) possibly caused by self tolerance. Vidović D, et al. **J Immunol** 1985 Jun;134(6):3563-8

Analysis of the negative allogeneic effect using B cells and helper T cell lines as an indicator system: B cells identified as target cells for suppression: Vöhringer V, et al. **J Immunol** 1985 Apr;134(4):2090-9

sIgD- and sIgD+ B cells responding to thymus-independent antigens have a different lymphokine requirement. Waldschmidt TJ, et al. **J Immunol** 1985 Aug;135(2):865-7

Co-expression of an epitope on human free kappa-light chains and on a cytoplasmic component in activated T cells. Walker KZ, et al. **J Immunol** 1985 Feb;134(2):1059-64

Role of the L3T4-antigen in T cell activation. II. Inhibition of T cell activation by monoclonal anti-L3T4 antibodies in the absence of accessory cells. Wassmer P, et al. **J Immunol** 1985 Oct;135(4):2237-42

Activation through CD3 molecule leads to clonal expansion of all human peripheral blood T lymphocytes: functional analysis of clonally expanded cells. Weber WE, et al. **J Immunol** 1985 Oct;135(4):2337-42

Evidence for two distinct activation states available to B lymphocytes. Wetzel GD, et al. **J Immunol** 1984 Nov;133(5):2327-32

Differential abilities of human peripheral blood monocytes quantitatively or qualitatively differing in HLA-DR and HLA-DS expression to support B cell activation in liquid and semisolid cultures. Whisler RL, et al. **J Immunol** 1985 Jul;135(1):172-9

The events of primary T cell activation can be staged by use of Sepharose-bound anti-T3 (64.1) monoclonal antibody and purified interleukin 1. Williams JM, et al. **J Immunol** 1985 Oct;135(4):2249-55

Accessory cell requirement for activation antigen expression and cell cycle progression by human T lymphocytes. Williams JM, et al. **J Immunol** 1984 Dec;133(6):2986-95

LPS regulation of the immune response: separate mechanisms for murine B cell activation by lipid A (direct) and polysaccharide (macrophage-dependent) derived from Bacteroides LPS. Williamson SI, et al. **J Immunol** 1984 Nov;133(5):2294-300

Defective in vitro T cell colony formation in the acquired immunodeficiency syndrome. Winkelstein A, et al. **J Immunol** 1985 Jan;134(1):151-6

Activation of a human T cell line: a two-stimulus requirement in the pretranslational events involved in the coordinate expression of interleukin 2 and gamma-interferon genes. Wiskocil R, et al. **J Immunol** 1985 Mar;134(3):1599-603

Studies on the mechanism of natural killer cell-mediated cytotoxicity. V. Lack of NK specificity at the level of induction of natural killer cytotoxic factors in cultures of human, murine, or rat effector cells stimulated with mycoplasma-free cell lines. Wright SC, et al. **J Immunol** 1984 Dec;133(6):3415-23

Immunostimulation by cytomegalovirus (CMV): helper T cell-dependent activation of immunoglobulin production in vitro by lymphocytes from CMV-immune donors. Yachie A, et al. **J Immunol** 1985 Aug;135(2):1395-400

Lymphokine-induced cytotoxicity: requirement of two lymphokines for the induction of optimal cytotoxic response. Yang SS, et al. **J Immunol** 1985 Jun;134(6):3912-9

Human cytotoxic T cell clones directed against herpes simplex virus-infected cells. II. Bifunctional clones with cytotoxic and virus-induced proliferative activities exhibit herpes simplex virus type 1 and 2 specific or type common reactivities. Yasukawa M, et al. **J Immunol** 1984 Nov;133(5):2736-42

Generation of natural killer cell lines from murine long-term bone marrow cultures. Yung YP, et al. **J Immunol** 1985 Mar;134(3):1462-8

Mechanism of action of thymosin. I. Thymosin fraction 5 increases lymphokine production by mature murine T cells responding in a mixed lymphocyte reaction. Zatz MM, et al. **J Immunol** 1985 Feb;134(2):1032-8

Presentation of Class I antigens on T cells can induce the generation of antigen-specific CTL. Zier KS, et al. **J Immunol** 1985 Oct;135(4):2274-8

Mutant EL-4 thymoma cells polyclonally activate murine and human B cells via direct cell interaction. Zubler RH, et al. **J Immunol** 1985 Jun;134(6):3662-8

A method for analysing the clonal precursors of concanavalin A-induced suppressor cells. Good MF, et al. **J Immunol Methods** 1985 Jun 25;80(2):163-75

Circadian variations of autologous mixed lymphocyte reactions and endogenous cortisol. Indiveri F, et al. **J Immunol Methods** 1985 Sep 3;82(1):17-24

Blotting methods applied to investigations of the mitogenic activity of phytohaemagglutinin (PHA). Laurent P, et al. **J Immunol Methods** 1985 Sep 3;82(1):181-4

Mouse serum as a medium supplement for murine immune responses in vitro. Müllbacher A, et al. **J Immunol Methods** 1985 Jan 21;76(1):17-26

Quantitation of 5-bromo-2-deoxyuridine incorporation into DNA: an enzyme immunoassay for the assessment of the lymphoid cell proliferative response. Porstmann T, et al. **J Immunol Methods** 1985 Sep 3;82(1):169-79

Fluorescence polarization assay by flow cytometry. Rolland JM, et al. **J Immunol Methods** 1985 Jan 21;76(1):1-10 (45 ref.)

Effects of different protein supplements on mitogen responses of human peripheral blood lymphocytes. Rumley RL, et al. **J Immunol Methods** 1984 Dec 31;75(2):339-49

Phenotyping of proliferating cells in cultures of human lymphocytes. Suez D, et al. **J Immunol Methods** 1985 Apr 8;78(1):49-57

Investigations on the age-dependence of T-lymphocyte subpopulations and lymphocyte reactivity. Reiter JJ, et al. **J Immunopharmacol** 1984;6(4):359-77

Increased blastogenic responses to worm antigen and loss of adherent suppressor cell activity after treatment for human infection with Schistosoma mansoni. Ellner JJ, et al. **J Infect Dis** 1985 Feb;151(2):320-4

Herpes simplex virus replication in interleukin-2-stimulated human T cells. Hammer SM, et al. **J Infect Dis** 1985 Mar;151(3):544-8

Production of interleukin-2 by rat lymph node cells stimulated by Mycoplasma pulmonis membranes. Levin D, et al. **J Infect Dis** 1985 Mar;151(3):541-4

Functional and quantitative alterations in T lymphocyte subpopulations in acute toxoplasmosis. Luft BJ, et al. **J Infect Dis** 1984 Nov;150(5):761-7

Toxic-shock-syndrome toxin 1-induced proliferation of lymphocytes: comparison of the mitogenic response of human, murine, and rabbit lymphocytes. Poindexter NJ, et al. **J Infect Dis** 1985 Jan;151(1):65-72

N-Acetyl-D-galactosamine-inhibitable adherence lectin of Entamoeba histolytica. II. Mitogenic activity for human lymphocytes. Salata RA, et al. **J Infect Dis** 1985 May;151(5):816-22

A whole-blood lymphocyte stimulation test for the diagnosis of human tularemia. Syrjälä H, et al. **J Infect Dis** 1984 Dec;150(6):912-5

Viral inhibition of lymphocyte proliferative responsiveness in patients suffering from recurrent lesions caused by herpes simplex virus. Wainberg MA, et al. **J Infect Dis** 1985 Sep;152(3):441-8

Immune mechanisms in chlamydial eye infection: cellular immune responses in chronic and acute disease. Young E, et al. **J Infect Dis** 1984 Nov;150(5):745-51

Poly I:C or IFN-alpha/beta treatment inhibits macrophage induced T cell proliferation. Blank KJ, et al. **J Interferon Res** 1985 Winter;5(1):215-21

Proliferation and interferon production in whole blood samples and isolated lymphocyte preparations. Doldi K, et al. **J Interferon Res** 1985 Winter;5(1):55-64

Expression of activation antigens by T cells infiltrating basal cell carcinomas. Guillén FJ, et al. **J Invest Dermatol** 1985 Sep;85(3):203-6

Suppression of human lymphocyte responses in chronic renal failure mediated by adherent cells: analysis in serum-free media. Kleiman KS, et al. **J Lab Clin Med** 1985 Sep;106(3):262-8

Evidence that X-irradiation and 4-hydroperoxycyclophosphamide affects different lymphocytes that respond to specific antigen in vitro. Clark C, et al. **J Leukocyte Biol** 1985 Feb;37(2):175-91

Accessory cells provide more than one signal for lectin mitogen-stimulated proliferation of human lymphocytes. Kern JA, et al. **J Leukocyte Biol** 1985 Oct;38(4):495-507

Human recombinant interleukin-2 is mitogenic to human lymphocytes. Mookerjee BK, et al. **J Leukocyte Biol** 1985 Oct;38(4):553-6

Endothelial cells enhance the human pokeweed mitogen lymphocyte response. Shanahan WR Jr, et al. **J Leukocyte Biol** 1985 Mar;37(3):305-17

T cell-dependent and -independent stimulation of hamster spleen NK-like cells with concanavalin A. Stewart JA, et al. **J Leukocyte Biol** 1985 Jan;37(1):75-86

Effect of maturation and age on lymphocyte proliferation induced by A23187 through an interleukin-independent pathway. Wu W, et al. **J Leukocyte Biol** 1985 Oct;38(4):531-40

The phosphatidylinositol response and proliferation of oxidative enzyme-activated human T lymphocytes: suppression by plasma lipoproteins. Akeson AL, et al. **J Lipid Res** 1984 Nov;25(11):1195-205

Stimulation of cynomolgus peripheral blood lymphocytes with tetanus toxoid and smallpox vaccine. Loggen HG, et al. **J Med Primatol** 1983;12(4):192-200

Local and peripheral cell-mediated immune response to influenza virus in mice. Shapira-Nahor O, et al. **J Med Virol** 1985 Jan;15(1):81-91

The effects of human cytomegalovirus challenge in vitro on subpopulations of T cells from seronegative donors. Sing GK, et al. **J Med Virol** 1984;14(4):363-71

Adherent cells suppress measles and herpes simplex I virus-induced blastogenesis of multiple sclerosis lymphocytes. Ziola B, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):315-30

Proliferative response of human lymphocytes to secretory and cellular antigens of Trichomonas vaginalis. Mason PR, et al. **J Parasitol** 1985 Jun;71(3):265-8

The stimulation of human peripheral blood lymphocytes by solubilized dental plaque: macrophage and T-cell dependence. Baker JJ, et al. **J Periodontol** 1985 Jul;56(7):410-8

Immunologic profile of juvenile periodontitis. I. Lymphocyte blastogenesis and the autologous mixed lymphocyte response. Suzuki JB, et al. **J Periodontol** 1984 Aug;55(8):453-60

Mitogenic activity and in vitro fertilization inhibitory activity of Genypterus blacodes lectin. Oda Y, et al. **J Pharmacobiodyn** 1984 Nov;7(11):849-55

Infection with Eimeria tenella: modulation of lymphocyte blastogenesis by specific antigen, and evidence for immunodepression. Rose ME, et al. **J Protozool** 1984 Nov;31(4):549-53

Altered mitogen- and alloantigen-induced lymphoproliferative responses in primary lymphoid organs of pregnant mice. Hoskin DW, et al. **J Reprod Immunol** 1985 Jun;7(4):365-9

Relationship between lymphocytic cytotoxicity and phytohemagglutinin-induced lymphoblastogenesis before and after surgical tumor excision: an experimental study. Yamamoto S, et al. **J Surg Oncol** 1985 Jan;28(1):42-9

Intravenous hyperalimentation with high arginine levels improves wound healing and immune function. Barbul A, et al. **J Surg Res** 1985 Apr;38(4):328-34

The immunopotentiating effect of epemedii flavone on T-cell function in yang-deficient animal model and its relationship with cyclic nucleotides. Yang GZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):51-4

Epstein-Barr virus-transformed lymphocytes produce monoclonal autoantibodies that react with antigens in multiple organs. Garzelli C, et al. **J Virol** 1984 Nov;52(2):722-5

Regulation of herpes simplex virus-specific lymphoproliferation by suppressor cells. Horohov DW, et al. **J Virol** 1985 Oct;56(1):1-6

Study of some immune responses in postnatally, malnourished rats. Faruque SM, et al. **JPMA** 1984 Sep;34(9):270-1

The different effects of recombinant human interferon-gamma and recombinant human interferon-beta on the activation of natural killer cells. Okabe M, et al. **Jpn J Cancer Res** 1985 Jul;76(7):608-17

Monoclonal antibody (WI-2) reactive against human transformed and leukemic cells. Aota F, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):575-84

Circulating immune complexes in gastric cancer patients and their effect on lymphocyte mitogenesis (the first report). Osaki Y, et al. **Jpn J Surg** 1984 Nov;14(6):524-6

Indoprofen-induced aplastic anaemia in systemic lupus, diagnosed by lymphocyte transformation tests [letter] Saal JG, et al. **Lancet** 1985 Jun 22;1(8443):1450-1

Decreased protein synthesis of transforming lymphocytes from aged humans: relationship to impaired mitogenesis with age. Tollefsbol TO, et al. **Mech Ageing Dev** 1985 Apr; 30(1):53–62

Role of interleukin 2 on enhancement of concanavalin A-induced human peripheral blood lymphocyte proliferation by murine B cell mitogens. Nitta T, et al. **Microbiol Immunol** 1985;29(5):441–9

Suppressor macrophages in lymphocyte proliferation of cynomolgus monkeys. Tatsumi M. **Microbiol Immunol** 1984;28(6):703–14

Dual effects of OK-432 on mitogenic response of splenocytes to concanavalin A. Tomioka H, et al. **Microbiol Immunol** 1985;29(4):349–58

Differences in the kinetic properties of thymidine kinase isoenzymes in unstimulated and phytohemagglutinin-stimulated human lymphocytes. Munch-Petersen B. **Mol Cell Biochem** 1984 Sep; 64(2):173–85

Changes in levels of actin and tubulin mRNAs upon the lectin activation of lymphocytes. McCairns E, et al. **Mol Cell Biol** 1984 Sep;4(9):1754–60

Role of C3b receptors in the enhancement of interleukin-2-dependent T-cell proliferation. Erdei A, et al. **Mol Immunol** 1984 Dec;21(12):1215–21

Hybridoma 2.4G2: dissociation of the B-lymphocyte-triggering activity from the monoclonal anti-Fc IgG receptor antibody. Lamers MC, et al. **Mol Immunol** 1984 Dec;21(12):1237–42

In vivo activated T lymphocytes in the peripheral blood and cerebrospinal fluid of patients with multiple sclerosis. Hafler DA, et al. **N Engl J Med** 1985 May 30; 312(22):1405–11

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. II. Correlation between expression of HLA-DR antigens on the activated T cells and their cytotoxic capability. Santoli D, et al. **Nat Immun Cell Growth Regul** 1985;4(2):103–12

Lack of spontaneous and inducible natural killer cell activity in human bone marrow: presence of adherent suppressor cells. Uchida A. **Nat Immun Cell Growth Regul** 1983–84; 3(4):181–92

Similarities between interleukin-2 receptor number and affinity on activated B and T lymphocytes. Lowenthal JW, et al. **Nature** 1985 Jun 20–26;315(6021):669–72

Human interleukin-2 promotes proliferation of activated B cells via surface receptors similar to those of activated T cells. Mingari MC, et al. **Nature** 1984 Dec 13–19; 312(5995):641–3

Antigen-dependent increase in cytosolic free calcium in specific human T-lymphocyte clones. Nisbet-Brown E, et al. **Nature** 1985 Aug 8–14;316(6028):545–7

Phytohaemagglutinin activation of T cells through the sheep red blood cell receptor. O'Flynn K, et al. **Nature** 1985 Feb 21–27;313(6004):686–7

T-cell control of Epstein-Barr virus-infected B cells is lost during P. falciparum malaria. Whittle HC, et al. **Nature** 1984 Nov 29–Dec 5;312(5993):449–50

Zinc-induced enhancement of lymphocyte function and viability in chronic uremia. Antoniou LD, et al. **Nephron** 1985;40(1):14–21

Transformation of bovine peripheral blood lymphocytes in the perinatal period. Kashiwazaki Y, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):337–9

A determination method of blast formation rate of lymphocytes using a blood cell counter. Tatsumi N, et al. **Osaka City Med J** 1984 Jun;30(1):69–78

Antigen-specific and concanavalin A-induced lymphocyte blastogenesis responses during the course of Plasmodium berghei infection in rats. Raybourne R, et al. **Parasite Immunol** 1984 Sep;6(5):435–42

Immunosuppressive effects of virulent strain of hemorrhagic enteritis virus in turkeys vaccinated against Newcastle disease. Nagaraja KV, et al. **Poult Sci** 1985 Mar; 64(3):588–90

Purification and characterization of a human T-lymphocyte-derived glial growth-promoting factor. Benveniste EN, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3930–4

Role of the Bp35 cell surface polypeptide in human B-cell activation. Clark EA, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1766–70

Expression of cell-cycle-dependent genes in phytohemagglutinin-stimulated human lymphocytes. Kaczmarek L, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5375–9

Monocytes are required to trigger Ca2+ uptake in the proliferative response of human t lymphocytes to staphylococcus aureus protein A. Lederman HM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6827–30

Affinity-purified interleukin 2 induces proliferation of large but not small B cells. Mond JJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1518–21

B-cell stimulatory factor 1 activates resting B cells. Rabin EM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2935–9

Regulation of c-myc mRNA levels in normal human lymphocytes by modulators of cell proliferation. Reed JC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4221–4

A 20-kDa protein associated with the murine T-cell antigen receptor is phosphorylated in response to activation by antigen or concanavalin A. Samelson LE, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1969–73

The specific induction of myc protooncogene expression in normal human B cells is not a sufficient event for acquisition of competence to proliferate. Smeland E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6255–9

Antigen conformation determines processing requirements for T-cell activation. Streicher HZ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6831–5

T-cell activation by peptide antigen: effect of peptide sequence and method of antigen presentation. Watts TH, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5480–4

Lymphoblastoid cell-induced suppression of human peripheral blood leukocyte mitogenic responses. Zhang JL, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):278–82

HLA class-II restriction of antigen-specific T-cell activation. With special reference to the fine specificity and immunoregulation of HLA class-II restriction elements. Qvigstad E, et al. **Prog Allergy** 1985;36:73–94 (43 ref.)

Experience with mixed leukocyte reactions in immunocompetency evaluations. Bowles CA, et al. **Prog Clin Biol Res** 1984;161:53–7

Parameters influencing chicken T-cell response to mitogens. Cheng YQ, et al. **Prog Clin Biol Res** 1984;161:151–6

Identification of interleukin-2 producer and responder T lymphocyte subpopulations by immunoperoxidase staining. Gillis S, et al. **Prog Clin Biol Res** 1985;182:375–86

Proliferative response of chicken T- and B-lymphocytes to mitogens. Lee LF. **Prog Clin Biol Res** 1984;161:41–52 (38 ref.)

The interaction of antigen and the histocompatibility molecule during T cell activation. Schwartz RH. **Prog Clin Biol Res** 1985;172B:333–41

Impaired mitogen responses in lambs with white muscle disease. Turner RJ, et al. **Res Vet Sci** 1984 Nov;37(3):357–8

Cell-mediated immune response in rubella infections. Buimovici-Klein E, et al. **Rev Infect Dis** 1985 Mar–Apr; 7 Suppl 1:S123–8

Distribution of Ig classes and IgG subclasses among human B cells activated by Nocardia opaca-delipidated cell mitogen or by pokeweed mitogen. Bich-Thuy LT, et al. **Scand J Immunol** 1985 Jun;21(6):531–8

Dendritic cells and monocytes as accessory cells in T-cell responses in man. I. Phenotypic analysis of dendritic cells and monocytes. Gaudernack G, et al. **Scand J Immunol** 1985 May;21(5):493–500

Development of natural killer cells: comparison of the maturation rates in different lymphoid compartments. Hurme M, et al. **Scand J Immunol** 1985 Feb;21(2):159–65

Polyclonal activation of B cells during rubella infection. Hyypiä T, et al. **Scand J Immunol** 1985 Jun;21(6):615–7

Purine metabolic enzymes in lymphocytes. IV. Effects of enzyme inhibitors and enzyme substrates on the blastogenic responses of human lymphocytes. Kurashige S, et al. **Scand J Immunol** 1985 Jul;22(1):1–7

Characterization of activities inducing polyclonal maturation of activated B lymphocytes to immunoglobulin secretion. Leanderson T, et al. **Scand J Immunol** 1985 Apr; 21(4):297–304

Concanavalin-A-activated lymphocytes suppress immune responses in vitro but are helper cells in vivo. Möller G. **Scand J Immunol** 1985 Jan;21(1):31–4

Lymphoproliferative responses of spleen cells of inbred rat strains to Mycoplasma arthritidis mitogen. Moritz T, et al. **Scand J Immunol** 1984 Oct;20(4):365–9

Mycoplasma mimicry of lymphokine activity in T-cell lines. Ruuth E, et al. **Scand J Immunol** 1985 Jun;21(6):593–600

Lymphocyte transformation tests and subpopulations of lymphocytes in a population-based material of atopic dermatitis in twins. Schultz Larsen F, et al. **Scand J Immunol** 1985 Apr;21(4):375–81

Role of HLA class II products in proliferative T-lymphocyte responses to PPD. Evidence of a regulatory influence associated with MB1. van Eden W, et al. **Scand J Immunol** 1984 Dec;20(6):503–10

Concomitant induction and persistence of hapten-specific suppressor and helper T cells in vivo. Zöller M, et al. **Scand J Immunol** 1984 Oct;20(4):339–47

Lymphocyte proliferation, lymphokine production, and lymphocyte receptors in ageing and various clinical conditions. de Weck AL, et al. **Springer Semin Immunopathol** 1984;7(4):273–89 (114 ref.)

Lymphokines active in B cell proliferation and differentiation. Schimpl A. **Springer Semin Immunopathol** 1984;7(4):299–310

Cellular immune defects in patients with melanoma involving interleukin-2-activated lymphocyte cytotoxicity and a serum suppressor factor. Balch CM, et al. **Surgery** 1985 Aug;98(2):151–7

Spontaneous lymphocyte activity: an important but neglected component of the immunologic profile of the thermally injured patient. Deitch EA. **Surgery** 1985 Sep;98(3):587–93

'Activated' T-lymphocyte levels in the spontaneously diabetic BB rat syndrome. Francfort JW, et al. **Surgery** 1985 Aug;98(2):251–8

Immunotherapy of cancer with lymphokine-activated killer cells and recombinant interleukin-2. Rosenberg SA, et al. **Surgery** 1985 Sep;98(3):437–44

Biochemical events associated with lymphocyte activation. Wedner HJ. **Surv Immunol Res** 1984;3(4):295–303 (32 ref.)

Intracytoplasmic signals for DNA replication in lymphocyte proliferation. Cohen S, et al. **Symp Fundam Cancer Res** 1984;37:11–9

Interleukins and inhibitors in human lymphocyte regulation. Nowell PC, et al. **Symp Fundam Cancer Res** 1984; 37:199–212

Activation of cytotoxic T lymphocytes in HLA-A, -B and -C-identical responder-stimulator pairs. I. Variations in generation of anti-class-II CTL in primary mixed lymphocyte cultures. Breuning MH, et al. **Tissue Antigens** 1984 Aug;24(2):81–9

Activation of cytotoxic T lymphocytes in HLA-A, -B and -C-identical responder-stimulator pairs. II. New subtypes of HLA-Bw35. Breuning MH, et al. **Tissue Antigens** 1984 Aug;24(2):90–7

Association of HLA-DR antigens with the autologous mixed lymphocyte reaction. Davey FR, et al. **Tissue Antigens** 1984 Aug;24(2):98–106

Transformation of human colostrum lymphocytes with Epstein-Barr virus and the production of IgA in culture. Maeda-Takekoshi F, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):103–8

Identification, purification, and characterization of antigen-activated and antigen-specific human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1983;96:182–7

Mitogen response of lymphocytes in platelet concentrates. Effect of storage and adenine. Margo B, et al. **Transfusion** 1984 Sep–Oct;24(5):386–7

Depressed proliferative responses in autologous mixed lymphocyte cultures and to soluble antigen by lymphocytes from long-term renal allograft recipients. Ellis TM, et al. **Transplant Proc** 1984 Dec;16(6):1530–1

Spontaneous blastogenesis and protein synthesis as monitors of renal allograft rejection. Thomas JH, et al. **Transplant Proc** 1984 Dec;16(6):1600–2

Urinary polyamine levels are markers of altered T lymphocyte proliferation/loss and rejection in heart transplant patients. Womble JR, et al. **Transplant Proc** 1984 Dec;16(6):1573–5

In vitro evidence for defective afferent immune function in long-term renal allograft recipients. Ellis TM, et al. **Transplantation** 1985 Feb;39(2):127–32

Kinetics of the MLR response following single donor-specific allogeneic blood transfusions. Fox BA, et al. **Transplantation** 1985 Sep;40(3):275–8

Control of cloned alloreactive T lymphocyte proliferative responses. A possible role for cell-surface-bound alloantigen. Lorber MI, et al. **Transplantation** 1984 Oct; 38(4):361–70

Use of Epstein-Barr virus to transform fetal human spleen cells for HLA typing. Mandel TE, et al. **Transplantation** 1984 Oct;38(4):436–7

Faster immunological recovery after bone marrow transplantation in patients without cytomegalovirus infection. Paulin T, et al. **Transplantation** 1985 Apr; 39(4):377–84

Proliferative response of splenic lymphocytes in experimental hepatic amoebiasis. Das P, et al. **Trop Gastroenterol** 1984 Jul–Sep;5(3):135–8

Cellular interactions in the generation of bovine Con A-suppressor cells and in the mitogenic proliferative response. Bielefeldt Ohmann H, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):307–20

Interleukin 1- and 2-like activities in the dog. Cerruti-Sola S, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):261–71

Mitogenic responses of baboon (Papio cynocephalus) peripheral blood mononuclear cells. A possible role for monocytes. Dalesandro DA, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):171–81

Polyclonal activation of canine B lymphocytes evaluated by a protein A reverse hemolytic plaque assay. Felsburg PJ, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):353–64

Depression of lymphocyte reactivity by granulocytes in equine whole blood culture. Judson DG, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):289–95

In vitro reactivity to concanavalin A of bovine lymphocytes after cryopreservation. Kuil H. **Vet Immunol Immunopathol** 1984 Aug;7(1):89–98

Lymphocyte blastogenesis in bluetongue virus or Mycobacterium bovis-inoculated bovine fetuses. MacLachlan NJ, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):11–8

Interleukin 2 (IL-2) production by mitogen stimulated bovine peripheral blood lymphocytes and its assay. Oldham G, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):201–12

Comparison of the blastogenic response of peripheral blood lymphocytes from canine parvovirus-positive and -negative outbred dogs. Olsen CG, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):285–90

Development of optimal conditions for the stimulation of chicken peripheral blood lymphocytes by phytohaemagglutinin (PHA) in the microculture system. Thiel HJ, et al. **Vet Immunol Immunopathol** 1984 Jul; 6(3–4):327–40

Contact sensitivity to DNCB in normal and cell-mediated-immunity deficient chickens: in vivo detection and correlation with lymphocyte transformation and graft-versus-host reaction. Tiwary BK, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):329–39

Hypothesis: the pathogenesis of AIDS. Activation of the T- and B-cell cascades. Evans AS. **Yale J Biol Med** 1984 May–Jun;57(3):317–27 (58 ref.)

[Clinical significance of polarizing luminescence in the study of changes in the cytoplasm of lymphocytes—SCM test] Beneš J. **Sb Lek** 1984 Sep;86(8–9):245–50 (Eng. Abstr.) (Cze)

[Active lymphocytes in chronic liver diseases] Poch T, et al. **Sb Lek** 1984 Sep;86(8-9):238-44 (Eng. Abstr.) **(Cze)**

[Purine metabolism and blastogenesis in lymphocytes of alcoholic subjects] Levallois C, et al. **Ann Med Interne (Paris)** 1985;136(3):219-21 (Eng. Abstr.) **(Fre)**

[In vitro activity of an extract of Yersinia enterocolitica 0:3 biotype 4 on lymphoblastic transformation] Binder P, et al. **C R Soc Biol (Paris)** 1985;179(2):196-208 (Eng. Abstr.) **(Fre)**

[Abnormality of chromosome number 1 in 3 cases of acute transformation of chronic myeloid leukemia] Smadja N, et al. **Nouv Rev Fr Hematol** 1984;26(5):303-8 (Eng. Abstr.) **(Fre)**

[Interferon production and lymphoproliferation in whole blood of schizophrenia patients] Schindler L, et al. **Immun Infekt** 1985 Apr;13(2):87-8 (Eng. Abstr.) **(Ger)**

[Serum inhibition factor in acute viral hepatitis] Berg PA, et al. **Leber Magen Darm** 1984 Nov;14(6):261-9 (Eng. Abstr.) **(Ger)**

[Isotope studies of the reaction of peripheral blood cells with 3H-thymidine in breast diseases] Agranat VZ, et al. **Radiobiol Radiother (Berl)** 1985;26(1):133-8 (Eng. Abstr.) **(Ger)**

[Immunologic reactions following influenza virus vaccination] Süss J, et al. **Z Gesamte Hyg** 1985 Mar; 31(3):149-53 (Eng. Abstr.) **(Ger)**

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. II. Following vaccination of swine and subsequent infection] Wittmann G, et al. **Zentralbl Veterinarmed [B]** 1985 Mar;32(3):181-96 (Eng. Abstr.) **(Ger)**

[Cell-mediated cytotoxicity and lymphocyte stimulation in Aujeszky's disease. I. In experimentally infected swine] Wittmann G, et al. **Zentralbl Veterinarmed [B]** 1985 Feb; 32(2):101-15 (Eng. Abstr.) **(Ger)**

[Suppression on normal human lymphocyte proliferation induced by Sepharose 4B binding staphylococcal protein A through addition of human IgG, heat-aggregated IgG, F(ab')2 gamma, Fab gamma and aggregated Fc gamma] Ohno I, et al. **Arerugi** 1984 Jul;33(7):411-7 (Eng. Abstr.) **(Jpn)**

[Studies of the mechanisms of human B cell activation. III. Development of an assay system for human B cell differentiation factors (BCDF) and identification of BCDF-producing T cell subsets] Suzuki N, et al. **Arerugi** 1984 Nov;33(11):963-9 (Eng. Abstr.) **(Jpn)**

[Significance of lymphocyte blastogenesis in the identification of the specific antigen and the diagnosis of budgerigar fancier's lung] Tada S, et al. **Arerugi** 1985 Mar;34(3):155-61 (Eng. Abstr.) **(Jpn)**

[Studies of the mechanisms of human B cell activation. I. Development of an assay system for human B cell growth factors (BCGF) and identification of BCGF-producing T cell subsets] Ueda Y, et al. **Arerugi** 1984 Oct;33(10):859-67 (Eng. Abstr.) **(Jpn)**

[Immunological studies on mucocutaneous lymphnode syndrome (Kawasaki disease). I. Plasma inhibitory factor(s) against blastic transformation of lymphocytes--a lack of plasma inhibitory factor(s) against blastic transformation of lymphocytes exposed to streptolysin O] Wakiguchi H, et al. **Arerugi** 1984 Nov;33(11):978-84 (Eng. Abstr.) **(Jpn)**

[Induction of LAK cells in peritoneal cavity of mice after ip injection of OK-432 and antitumor effect of these LAK cells] Ishida N, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2681-90 (Eng. Abstr.) **(Jpn)**

[Non-specific killer cells in tumor immune response] Kumagai K. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):726-33 (Eng. Abstr.) **(Jpn)**

[Various immunological parameters studied in patients with malignant brain tumor. Correlation between clinical stage and T cell subsets] Inoue I, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):168-76 (Eng. Abstr.) **(Jpn)**

[Postoperative cell-mediated immunological dynamics in gastric cancer and effect of splenectomy] Fuyuhiro Y. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):19-31 (Eng. Abstr.) **(Jpn)**

[Experimental study of oral administration of streptococcal preparation 'OK-432'. The third report: its enhancing effects on natural killer activity and lymphoproliferative response to mitogens of mouse mesenteric lymph node] Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):803-10 (Eng. Abstr.) **(Jpn)**

[Liver regeneration and the immune system. 1. In vitro and in vivo activation of lymphocytes by liver regeneration] Miyahara S. **Nippon Geka Gakkai Zasshi** 1984 Aug; 85(8):791-8 (Eng. Abstr.) **(Jpn)**

[Clinical studies on preoperative nonspecific immunological parameters and radical operation in stomach cancer] Takekoshi T, et al. **Nippon Geka Gakkai Zasshi** 1984 Dec; 85(12):1528-36 (Eng. Abstr.) **(Jpn)**

[Lymphocyte proliferation test of experimental sulbenicillin rash] Aihara M, et al. **Nippon Hifuka Gakkai Zasshi** 1985 May;95(6):637-41 **(Jpn)**

[Studies on the cellular immunological response in splenectomized or autotransplanted mice] Watanabe A. **Nippon Ika Daigaku Zasshi** 1985 Jun;52(3):306-14 (Eng. Abstr.) **(Jpn)**

[Study of activated lymphocytes in bronchoalveolar lavage fluid (BALF) from patients with various diffuse interstitial lung diseases] Fujimura N. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):552-61 (Eng. Abstr.) **(Jpn)**

[Immunological phenomena and information transmission by membrane] Toyoshima S. **Nippon Rinsho** 1985 Apr; 43(4):774-8 (20 ref.) **(Jpn)**

[Studies on the B-cell activation system. VI. Effects of T cells on B cell activation by Staphylococcus aureus Cowan I] Funato T, et al. **Rinsho Byori** 1985 Feb;33(2):195-9 **(Jpn)**

[Studies on human B cell activation system. V. Effects of monocyte on Ig synthesis stimulated by PWM and SAC] Funato T, et al. **Rinsho Byori** 1984 May;32(5):549-54 **(Jpn)**

[Changes in size distribution during blastogenesis of lymphocytes induced by some mitogens] Maeda H, et al. **Rinsho Byori** 1984 Aug;32(8):899-903 **(Jpn)**

[Studies on the condition of human lymphocyte blast transformation by PHA] Sato M, et al. **Rinsho Byori** 1985 Jun;33(6):663-8 **(Jpn)**

[The application of the automated fluorometric system to the measurement of lymphocyte transformation with ethidium bromide] Wakabayashi A, et al. **Rinsho Byori** 1985 Mar;33(3):303-7 **(Jpn)**

[Studies of the mechanisms of human B-cell activation. IV. Abnormalities at the B-cell level in patients with Behçet's disease] Suzuki N, et al. **Ryumachi** 1985 Apr;25(2):95-102 (Eng. Abstr.) **(Jpn)**

[Interaction of the lymph node and splenic lymphocytes of mice in inactivation of allogeneic hematopoietic stem cells] Dozmorov IM, et al. **Biull Eksp Biol Med** 1985 May; 99(5):592-4 (Eng. Abstr.) **(Rus)**

[Effect of adrenalectomy of the recipients of allogeneic lymphocytes on the inactivation of endogenous colony-forming cells in mice] Semenkov VF. **Biull Eksp Biol Med** 1985 Jan;99(1):84-5 (Eng. Abstr.) **(Rus)**

[Ectopic production of hormones and embryonic proteins by stimulated human lymphocytes] Revskoi SIu, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1503-5 **(Rus)**

[Comparative evaluation of the lymphocyte blast-transformation reaction induced by various mitogens in the polychemotherapy of patients with breast cancer] Gnatyshak AI, et al. **Eksp Onkol** 1984;6(1):61-3 (Eng. Abstr.) **(Rus)**

[Proliferative activity and cytotoxic effect of mouse lymphocytes during the growth of transplanted melanoma B-16] Korosteleva TA, et al. **Eksp Onkol** 1984;6(1):53-5 (Eng. Abstr.) **(Rus)**

[Change in the blast transformation of rat blood lymphocytes during experimental actions on the liver] Bryzgina TM, et al. **Fiziol Zh** 1985 May-Jun;31(3):278-82 (Eng. Abstr.) **(Rus)**

[Modulation of the proliferative response of lymphocytes with a new enkephalin analog--dalargin] Vinogradov VA, et al. **Ter Arkh** 1984;56(11):114-6 **(Rus)**

[Evaluation of the leukocyte migration inhibition reaction and lymphoblast transformation in studying the pathogenesis of syphilis] Karagezian MA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):59-65 (Eng. Abstr.) **(Rus)**

[Activity of non-specific T-suppressors regulating the proliferation of B- and T-lymphocytes in patients with fibroadenomatosis, breast cancer and stomach cancer] Grinevich IuA, et al. **Vopr Onkol** 1984;30(12):23-7 (Eng. Abstr.) **(Rus)**

[Functional activity of the blood leukocytes of ischemic heart disease patients] Shchepotin BM, et al. **Vrach Delo** 1984 Dec;(12):59-61 (Eng. Abstr.) **(Rus)**

[Regulating role of the B-lymphocytes in lymphocyte interaction with allogeneic hematopoietic stem cells] Dozmorov IM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):72-6 (Eng. Abstr.) **(Rus)**

[The effect of alcohol on lymphocytes and the influence of serum from alcoholics on the process of lymphocyte transformation in the circulating blood of healthy persons] Softić N, et al. **Acta Med Iugosl** 1985;39(1):13-28 (Eng. Abstr.) **(Scr)**

[Mitogen stimulation of lamb lymphocytes] Gallego J. **Sangre (Barc)** 1984;29(6):1047-51 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Effects of the H2-receptor agonist dimaprit on lymphocyte responsiveness in vitro. Binderup L. **Agents Actions** 1984 Oct;15(3-4):119-24

Cyclosporin A (Sandimmun) modulates the Ca2+ uptake of mitogen-stimulated lymphocytes. Hiestand PC. **Agents Actions** 1984 Dec;15(5-6):556-61

Interference of cyclosporin with lymphocyte activation maintenance of the cells in a non-cycling phase and with a low intracellular pH. Koponen M, et al. **Agents Actions** 1984 Dec;15(5-6):600-5

The effects of histamine H2-receptor antagonists on PHA induced lymphocyte proliferation. Vickers MR, et al. **Agents Actions** 1984 Oct;15(3-4):342-8

Inhibition of protein synthesis and lymphokine production by tetracycline. Ganguly R, et al. **Allerg Immunol (Leipz)** 1984;30(2):104-9

Further evidence of immunomodulatory effects of cimetidine. Strejček J, et al. **Allerg Immunol (Leipz)** 1984;30(2):117-22

Ketotifen effect on secretion of histamine from basophils and on proliferative response of mononuclear cells of human peripheral blood. Gushchin IS, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):111-21

The effect of prostaglandin E2 on the initial immune response to herpes simplex virus infection. Baker DA, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):586-90

Lymphocyte sensitivity to glucocorticoids [letter] Ganguli R, et al. **Am J Psychiatry** 1985 Aug;142(8):989-90

Effect of hydrocortisone on circulating lymphocyte numbers and their mitogen-induced blastogenesis in lambs. Collins MT, et al. **Am J Vet Res** 1985 Apr;46(4):836-40

Cell-mediated and humoral immune response to Mycoplasma hyopneumoniae in pigs enhanced by dextran sulfate. Kishima M, et al. **Am J Vet Res** 1985 Feb;46(2):456-62

Effect of levamisole on lymphocyte blastogenesis and neutrophil function in dexamethasone-treated cattle. Roth JA, et al. **Am J Vet Res** 1984 Sep;45(9):1781-4

Enhancement of lymphocyte blastogenesis and neutrophil function by avridine in dexamethasone-treated and nontreated cattle. Roth JA, et al. **Am J Vet Res** 1985 Jan; 46(1):53-7

Cardiopulmonary bypass and host defense functions in human beings: II. Lymphocyte function. van Velzen-Blad H, et al. **Ann Thorac Surg** 1985 Mar;39(3):212-7

Alteration of lymphocyte transformation response to herpes simplex virus infection by acyclovir therapy. Lafferty WE, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):887-91

Differential stimulation of lymphocyte cell growth in vitro by cephalosporins. Leyhausen G, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):752-6

Inhibition of mitogen-induced blastogenesis in human lymphocytes by T-2 toxin and its metabolites. Forsell JH, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1523-6

Effects of ethyl alcohol on human peripheral lymphocytes. Glassman AB, et al. **Arch Pathol Lab Med** 1985 Jun; 109(6):540-2

Stimulatory and cytotoxic effects of beryllium on proliferation of mouse spleen lymphocytes in vitro. Price RJ, et al. **Arch Toxicol** 1985 Jan;56(3):207-11

Effect of an iron-chelating agent on lymphocyte proliferation. Bowern N, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):743-54

The in vitro response of turkey lymphocytes to steroid hormones. Redig PT, et al. **Avian Dis** 1985 Apr-Jun; 29(2):373-83

Accessory cells reduce lipoprotein suppression of lymphocyte activation. Okano Y, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):68-80

Effect of pregnancy plasma, neuraminidase and sialic acid on phytohemagglutinin-induced human lymphocyte response. Rajan R, et al. **Biol Res Pregnancy Perinatol** 1984; 5(3):113-7

No inhibition of the lymphocyte transformation by pregnancy-associated alpha 2-glycoprotein (PAAG). Waschke K, et al. **Biomed Biochim Acta** 1984;43(11):1233-9

Growth factor-mediated proliferation in B cell non-Hodgkin's lymphomas. Ford RJ, et al. **Blood** 1985 Jun; 65(6):1335-41

Thymosin beta 4 induced phenotypic changes in Molt-4 leukemic cell line. Kokkinopoulos D, et al. **Blut** 1985 Jun; 50(6):341-8

Amiloride inhibits the PHA-evoked mouse splenic lymphocyte proliferation. Pieri C, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28;61(2):175-81

Human placental Hofbauer cells promote mitogen induced T cell proliferation. Zaccheo D, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1879-84

Release of interleukin I and low-molecular-weight lymphocyte-activating factors by rat peritoneal macrophages and its enhancement by acute non-specific inflammatory processes. Bird J, et al. **Br J Exp Pathol** 1985 Jun;66(3):271-7

Differential effect of isolated placental isoferritins on in vitro T-lymphocyte function. Matzner Y, et al. **Br J Haematol** 1985 Mar;59(3):443-8

The effect of indomethacin treatment on lymphocyte PHA reactivity in healthy controls and patients with lymphoma and sarcoidosis. Underhill G, et al. **Br J Haematol** 1985 Jul;60(3):423-8

A comparison of dimaprit, nordimaprit, methylamine and chloroquine as inhibitors of mitogen-induced lymphocyte activation. Dale MM, et al. **Br J Pharmacol** 1984 Sep; 83(1):293-8

The effect of cadmium chloride on the immune response in mice. Blakley BR. **Can J Comp Med** 1985 Jan;49(1):104-8

In vitro functions of lymphocytes during high-dose medroxyprogesterone acetate (MPA) treatment. Grönroos M, et al. **Cancer Immunol Immunother** 1984;17(3):218-20

In vitro effects of 4-hydroperoxycyclophosphamide on concanavalin A-induced human suppressor T cells. Klajman A, et al. **Cancer Immunol Immunother** 1984; 18(2):113-7

Potentiation of mitogen-induced human T-lymphocyte activation by retinoic acid. Valone FH, et al. **Cancer Res** 1985 Sep;45(9):4128-31

Interferon-gamma accelerates immune proliferation via its effect on monocyte HLA-DR expression. Becker S. **Cell Immunol** 1985 Mar;91(1):301-7

Effects of thromboxane A2 on lymphocyte proliferation. Ceuppens JL, et al. **Cell Immunol** 1985 Feb;90(2):458-63

Characterization of cell lines enhancing IL-2 production by human phytohemagglutinin-stimulated lymphocytes.

Gramatzki M, et al. **Cell Immunol** 1985 Jan;90(1):142-53

Inhibition of proliferation without affecting the generation of cytotoxicity in the human mixed lymphocyte reaction. Hengst JC, et al. **Cell Immunol** 1985 Feb;90(2):281-94

The inhibitory effect of histamine on lymphoid tissue proliferation in mice. Al-Imara LJ, et al. **Cell Immunol** 1985 Mar;91(1):284-8

Effect of L-ornithine on proliferative and cytotoxic T-cell responses in allogeneic and syngeneic mixed leukocyte cultures. Jänicke R, et al. **Cell Immunol** 1985 May; 92(2):359-65

Human B-cell proliferation in response to recombinant interleukin 2 is not due to T-cell help. Lê thi Bich-Thuy, et al. **Cell Immunol** 1985 Sep;94(2):353-9

Role of the L3T4 antigen in T-cell activation. I. Description of a monoclonal IgM antibody to a distinct epitope (L3T4b) of the L3T4 antigen and its effect on interleukin 1-induced thymocyte proliferation. Lögdberg L, et al. **Cell Immunol** 1985 Sep;94(2):299-311

Modulatory effect of zinc on the proliferative response of murine spleen cells to polyclonal T cell mitogens. Malavé I, et al. **Cell Immunol** 1984 Dec;89(2):322-30

Immunoglobulin M and immunoglobulin G secretion by human B cells exposed to RU 41.740, a glycoprotein extract from Klebsiella pneumoniae. Martínez-Maza O, et al. **Cell Immunol** 1985 Feb;90(2):569-76

Calcium ionophore (A23187) increases interleukin 1 (IL-1) production by human peripheral blood monocytes and interacts synergistically with IL-1 to augment concanavalin A stimulated thymocyte proliferation. Matsushima K, et al. **Cell Immunol** 1985 Jan;90(1):226-33

Proliferative response of murine B-cell leukemia (BCL1) to poly(L-lysine). Morecki S, et al. **Cell Immunol** 1985 Feb; 90(2):392-400

Activation of murine thymocyte subpopulations by the oxidizing mitogens: evidence for a sialylated, mitogen-reactive site on both PNA-positive and PNA-negative cells. Novogrodsky A, et al. **Cell Immunol** 1985 Aug;94(1):281-4

Modulation of human blood lymphocyte cytotoxicity by the phorbol ester tumor promoter P(Bu)2: increase of target binding, impairment of effector recycling, and activation of lytic potential which is independent of IL-2. Ramos OF, et al. **Cell Immunol** 1985 Mar;91(1):178-92

Role of class II histocompatibility antigens in Staphylococcus aureus protein A-induced activation of human T lymphocytes. Romagnani S, et al. **Cell Immunol** 1985 Jan; 90(1):52-64

Inhibition of lymphocyte activation by cyclosporin A: interference with the early activation of the membrane phospholipid metabolism in rabbit lymphocytes stimulated with concanavalin A, anti-rabbit immunoglobulin or the Ca2+ ionophore A 23187. Szamel M, et al. **Cell Immunol** 1985 Jul;93(2):239-49

Interleukin-2 apparently upregulates its receptor and induces proliferation of various resting mononuclear leukocytes in the absence of antigen. Williams JM, et al. **Cell Immunol** 1985 Sep;94(2):383-93

In vivo modulation of polyclonal activation of lymphocytes by SOAz, a cyclophosphazene derived drug. Prevention of murine glomerulonephritis induced by chronic injections of lipopolysaccharide. Dueymes M, et al. **Clin Exp Immunol** 1985 Jan;59(1):169-76

The effect of 2'deoxyguanosine on human lymphocyte responses. I. 2'deoxyguanosine enhances T lymphocyte responses. Hanglow AC, et al. **Clin Exp Immunol** 1985 Mar; 59(3):653-8

On the partial suppression of IL-2 receptor expression and the prevention of lectin-induced lymphoblast formation by cyclosporine A. Solbach W, et al. **Clin Exp Immunol** 1985 Jun;60(3):501-8

Proliferation of T8-positive cytolytic T lymphocytes in response to thyroglobulin in human autoimmune thyroiditis: analysis of cell interactions and culture requirements. Canonica GW, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):40-8

Role of Ia antigens and interleukin 1 in T-cell proliferation to phytohemagglutinin. Chu E, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):70-80

The effect of NPT 15392, 9-(erythro-2-hydroxy-3-nonyl)-6-hydroxypurine, on the phytohemagglutinin of OKT3+, OKT4+, OKT8+, and OKM1+ cell-depleted and undepleted peripheral blood mononuclear cells. De Simone C, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):191-8

Somatostatin has an antiproliferative effect on concanavalin A-activated rat thymocytes. Mascardo RN, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):131-8

Surface markers, 5'-nucleotidase activity, and in vitro functions of lymphocytes from patients with primary humoral immunodeficiency. Morell A, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):9-21

Decreased serum transferrin concentration in children with the nephrotic syndrome: effect on lymphocyte proliferation and correlation with serum immunoglobulin levels. Warshaw BL, et al. **Clin Immunol Immunopathol** 1984 Nov; 33(2):210-9

Estradiol enhances nickel-induced blast transformation. Silvennoinen-Kassinen S, et al. **Contact Dermatitis** 1984 Oct;11(4):260-1

Ocular tissues contain inhibitors of lymphocyte mitogenesis. Koker P, et al. **Curr Eye Res** 1985 Jul;4(7):807-10

Effect of insulin and transferrin in the maintenance of the activated state of the T-lymphocyte induced by allo-antigen. Helderman JH, et al. **Diabetologia** 1984 Jul; 27 Suppl:99-101

Potent immunosuppressive activity of guinea-pig chorionic gonadotrophin. Bambra CS. **East Afr Med J** 1984 May; 61(5):344-55

Effect of sodium stibogluconate on in vitro lymphocyte responses in Kenyan visceral leishmaniasis. Koech DK. **East Afr Med J** 1984 May;61(5):362-6

Effects of taxol on microtubule organization in mouse splenic lymphocytes and on response to mitogenic stimulation. Brown DL, et al. **Eur J Cell Biol** 1985 May;37:130-9

Effect of proguanil and cycloguanil on human lymphocytes in vitro. Bygbjerg IC. **Eur J Clin Pharmacol** 1985; 28(3):287-90

Inhibition of lymphocyte response to mitogens by dipyridamole: preliminary findings. Melamed I, et al. **Eur J Clin Pharmacol** 1985;28(3):263-5

Effect of praziquantel on human lymphocyte proliferation in vitro. Odum N, et al. **Eur J Clin Pharmacol** 1984; 27(3):311-3

A nonimmunomodulatory effect of chronic cadmium exposure on lymphocyte transformation response in rhesus monkeys (Macaca mulatta). Chopra RK, et al. **Exp Cell Biol** 1985;53(1):19-23

Suppression of lymphocyte activation by plasma lipoproteins: modulation by cell number and type. Okano Y, et al. **Exp Cell Biol** 1985;53(4):199-212

Food intake reduction and immunologic alterations in mice fed dehydroepiandrosterone. Windruch R, et al. **Exp Gerontol** 1984;19(5):297-304

A role for Ca2+ in the effect of very low frequency electromagnetic field on the blastogenesis of human lymphocytes. Conti P, et al. **FEBS Lett** 1985 Feb 11; 181(1):28-32

Nonspecific mitogen responses of peripheral lymphocytes in levamisole-treated patients with herpetic stromal keratitis. Sakata H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):813-7

Pterins and the regulation of lymphocyte activation on the mode of xanthopterin action. Ziegler I. **Hoppe Seylers Z Physiol Chem** 1984 Jun;365(6):667-73

The differential effects of hydrocortisone on activation and tolerance induction in human T lymphocyte clones. Moss FM, et al. **Hum Immunol** 1984 Dec;11(4):259-70

Interaction of tumour-promoting agents with immunofunctional cells in vitro and in vivo. Baxter CS, et al. **IARC Sci Publ** 1984;(56):305-17

Follow-up studies on proliferative T cell responses in cadaveric kidney graft recipients under combined immunosuppressive treatment with cyclosporine and prednisone. Irschick EU, et al. **Immunobiology** 1985 Mar; 169(2):128-38

Studies on the mechanism whereby cyclosporin A inhibits T-lymphocyte activation. Stoeck M, et al. **Immunobiology** 1985 Feb;169(1):83-96

Observation of the effect of substance P on human T and B lymphocyte proliferation. Zhu LP, et al. **Immunol Commun** 1984;13(5):457-64

Study on the effect of calf thymic peptides preparation (TP) on human B lymphocytes. Zhu LP, et al. **Immunol Invest** 1985 Apr;14(2):115-29

The effects of indomethacin on T lymphocyte stimulation. Kingston AE, et al. **Immunol Lett** 1984;8(6):301-5

Synergistic effect of albumin and transferrin on the mitogen stimulation of human mononuclear leukocytes in serum-free medium. Soyano A, et al. **Immunol Lett** 1985; 9(1):57-62

Inhibition of lymphocyte proliferation by free fatty acids. II. Toxicity of stearic acid towards phytohaemagglutinin-activated T cells. Buttke TM, et al. **Immunology** 1984 Nov;53(3):507-14

Inhibition of lymphocyte proliferation by free fatty acids. I. Differential effects on mouse B and T lymphocytes. Buttke TM. **Immunology** 1984 Oct;53(2):235-42

Macrophage-mediated suppression of T lymphocyte proliferation induced by oral carrageenan administration. Cochran FR, et al. **Immunology** 1984 Oct;53(2):291-7

Comparison of phorbol myristate acetate and phytohaemagglutinin as stimulators of in vitro T lymphocyte colony formation of human peripheral blood lymphocytes. I. Surface markers of colony cells. Suzawa T, et al. **Immunology** 1984 Nov;53(3):499-505

Effect of lidocaine on the function of immunocompetent cells. II. Chronic in vivo exposure and its effects on mouse lymphocyte activation and expression of immunity. Dickstein R, et al. **Immunopharmacology** 1985 Jun; 9(3):127-39

Inhibition of T lymphocyte activation by estramustine: dose-dependent interference with IL-2 production and later proliferation events. Kalland T. **Immunopharmacology** 1985 Apr;9(2):65-71

The effects of cyclic nucleotides on the proliferation of cultured human T-lymphocytes. Maca RD. **Immunopharmacology** 1984 Oct;8(2):53-60

Differential in vitro lymphocyte proliferation by mitogens in presence of pregnancy specific beta 1-glycoprotein. Majumdar S, et al. **Indian J Med Res** 1984 May;79:624-9

Blastogenic response of bovine lymphocytes to Brucella abortus lipopolysaccharide. Baldwin CL, et al. **Infect Immun** 1985 Feb;47(2):570-2

Inhibition of in vitro human lymphocyte response by the pneumococcal toxin pneumolysin. Ferrante A, et al. **Infect Immun** 1984 Nov;46(2):585-9

Effects of corticosteroid and 1,24R-dihydroxy-vitamin D3 administration on lymphoproliferation and autoimmune disease in MRL/MP-lpr/lpr mice. Koizumi T, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):396-404

Inhibition of lymphocyte function by a naturally occurring nucleoside: 5'-methylthioadenosine (MTA). Di Padova F, et al. **Int J Immunopharmacol** 1985;7(2):193-8

An in vivo model for the experimental selection and pharmacological study of drugs able to modulate polyclonal activation of B lymphocytes. Dueymes MR, et al. **Int J Immunopharmacol** 1984;6(6):637-42

Selective inhibition of the in vitro murine B lymphocyte response by pentamidine. Ferrante A, et al. **Int J Immunopharmacol** 1985;7(2):281-5

Effect of isoprinosine on interleukin 1 and 2 production and on suppressor cell activity in pokeweed mitogen stimulated cultures of B and T cells. Hersey P, et al. **Int J Immunopharmacol** 1984;6(4):321-8

Effects of dietary technical pentachlorophenol exposure on T cell, macrophage and natural killer cell activity in C57Bl/6 mice. Kerkvliet NI, et al. **Int J Immunopharmacol** 1985;7(2):239-47

The effects of prostaglandin E and I analogues on lymphocyte stimulation. Kingston AE, et al. **Int J Immunopharmacol** 1985;7(1):57-64

Synergistic effect of N-acetyl-D-glucosamine (NAG) on mitogenic, antigenic and allogeneic stimulation of normal human lymphocytes. Komlos L, et al. **Int J Immunopharmacol** 1984;6(6):593-9

Isoprinosine enhances the activation of sensitized lymphocytes by Epstein-Barr virus antigens. Sundar SK, et al. **Int J Immunopharmacol** 1985;7(2):187-92

In vitro restoration of immune responses in aging humans by isoprinosine. Tsang KY, et al. **Int J Immunopharmacol** 1985;7(2):199-206

Inhibition of lectin-induced lymphocyte activation by 2-cyclohexene-1-one: analysis of DNA synthesis in individual cells by BUdR quenching of Hoechst 33258. Wedner HJ, et al. **Int J Immunopharmacol** 1985;7(1):25-30

Effect of ketoconazole on the in-vitro lymphocyte transformation response to mitogen stimulation [letter] Manzella JP, et al. **J Antimicrob Chemother** 1984 Dec; 14(6):669-70

Protein kinase C and calcium ion in mitogenic response of macrophage-depleted human peripheral lymphocytes. Kaibuchi K, et al. **J Biol Chem** 1985 Feb 10;260(3):1366-9

Structure and assembly of the endoplasmic reticulum. The synthesis of three major endoplasmic reticulum proteins during lipopolysaccharide-induced differentiation of murine lymphocytes. Lewis MJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3050-7

Effect of combination chemotherapy on PGE-mediated immunoregulation in the peripheral blood mononuclear cells of solid tumor cancer patients. Braun DP, et al. **J Biol Response Mod** 1984 Aug;3(4):391-6

Inhibition of lymphocyte proliferation by detergent-solubilized mouse liver membranes. Grupp SA, et al. **J Cell Biol** 1985 Aug;101(2):380-5

The requirements for ionized calcium and magnesium in lymphocyte proliferation. Abboud CN, et al. **J Cell Physiol** 1985 Jan;122(1):64-72

Indomethacin enhances the proliferation of mitogen-stimulated T lymphocytes of homosexual males with persistent generalized lymphadenopathy. Valone FH, et al. **J Clin Immunol** 1984 Sep;4(5):383-7

Decreased methionine synthesis in purine nucleoside-treated T and B lymphoblasts and reversal by homocysteine. Boss GR, et al. **J Clin Invest** 1984 Oct;74(4):1262-8

Regulation of human B cell activation by prostaglandin E2. Suppression of the generation of immunoglobulin-secreting cells. Jelinek DF, et al. **J Clin Invest** 1985 Apr; 75(4):1339-49

Pharmacologic effects of autacoids on subsets of T cells. Regulation of expression/function of histamine-2 receptors by a subset of suppressor cells. Khan MM, et al. **J Clin Invest** 1985 May;75(5):1578-83

Modulation of the immune response by gangliosides. Inhibition of adherent monocyte accessory function in vitro. Ladisch S, et al. **J Clin Invest** 1984 Dec;74(6):2074-81

Evidence for a mouse mesangial cell-derived factor that stimulates lymphocyte proliferation. MacCarthy EP, et al. **J Clin Invest** 1985 Aug;76(2):426-30

Inhibition of T lymphocyte mitogenesis by 1,25-dihydroxyvitamin D3 (calcitriol). Rigby WF, et al. **J Clin Invest** 1984 Oct;74(4):1451-5

Inhibition of soluble antigen-induced T cell proliferation by warm-reactive antibodies to activated T cells in systemic lupus erythematosus. Yamada A, et al. **J Clin Invest** 1984 Dec;74(6):1948-60

Effect of trace elements found in coal fly ash, on lymphocyte blastogenesis. Shifrine M, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):15-24

Human T cell activation. I. Monocyte-independent activation and proliferation induced by anti-T3 monoclonal antibodies in the presence of tumor promoter 12-o-tetradecanoyl phorbol-13 acetate. Hara T, et al. **J Exp Med** 1985 Apr 1;161(4):641-56

Distinction between antigen receptor and IL 2 receptor triggering events in the activation of alloreactive T cell clones with calcium ionophore and phorbol ester. Albert

F, et al. **J Immunol** 1985 Jun;134(6):3649-55

The interference of T cell activation by calcium channel blocking agents. Birx DL, et al. **J Immunol** 1984 Dec; 133(6):2904-9

Prostaglandin E2 acts at two distinct pathways of T lymphocyte activation: inhibition of interleukin 2 production and down-regulation of transferrin receptor expression. Chouaib S, et al. **J Immunol** 1985 Aug; 135(2):1172-9

B cell activation. VI. Effects of exogenous diglyceride and modulators of phospholipid metabolism suggest a central role for diacylglycerol generation in transmembrane signaling by mIg. Coggeshall KM, et al. **J Immunol** 1985 Jan;134(1):101-7

Regulation of interleukin 2 receptor expression: effects of phorbol diester, phospholipase C, and reexposure to lectin or antigen. Depper JM, et al. **J Immunol** 1984 Dec; 133(6):3054-61

Suppression of cytotoxic T lymphocyte activation by L-ornithine. Dröge W, et al. **J Immunol** 1985 May; 134(5):3379-83

Astrocytes as antigen-presenting cells. I. Induction of Ia antigen expression on astrocytes by T cells via immune interferon and its effect on antigen presentation. Fierz W, et al. **J Immunol** 1985 Jun;134(6):3785-93

Dissociation of inductive from differentiative signals transmitted by C8-substituted guanine ribonucleosides to B cells from SJL mice. Goodman MG, et al. **J Immunol** 1985 Jan;134(1):91-4

Immune oxidative injury induced in mice exposed to normobaric O2: effects of thiol compounds on the splenic cell sulfhydryl content and Con A proliferative response. Gougerot-Pocidalo MA, et al. **J Immunol** 1985 Sep; 135(3):2045-51

Effect of lipoxygenase metabolites of arachidonic acid on proliferation of human T cells and T cell subsets. Gualde N, et al. **J Immunol** 1985 Feb;134(2):1125-9

The role of glutathione in lymphocyte activation. I. Comparison of inhibitory effects of buthionine sulfoximine and 2-cyclohexene-1-one by nuclear size transformation. Hamilos DL, et al. **J Immunol** 1985 Oct;135(4):2740-7

The tumor promoter teleocidin induces IL 2 receptor expression and IL 2-independent proliferation of human peripheral blood T cells. Isakov N, et al. **J Immunol** 1985 Oct;135(4):2343-50

Mechanism of action of Cyclosporin A: inhibition of lymphokine secretion studied with antigen-stimulated T cell hybridomas. Kaufmann Y, et al. **J Immunol** 1984 Dec; 133(6):3107-11

Pronase treatment of lymphocytes reduces the time required for onset of S phase in response to anti-immunoglobulin. Kern M. **J Immunol** 1985 Apr;134(4):2260-4

The effects of autacoids on cloned murine lymphoid cells: modulation of IL 2 secretion and the activity of natural suppressor cells. Khan MM, et al. **J Immunol** 1985 Jun; 134(6):4100-6

1,25-Dihydroxyvitamin D3 suppresses human T helper/inducer lymphocyte activity in vitro. Lemire JM, et al. **J Immunol** 1985 May;134(5):3032-5

Prostaglandin E2 inhibits the activation of cloned T cell hybridomas. Makoul GT, et al. **J Immunol** 1985 Apr; 134(4):2645-50

The induction of Leu-1 antigen expression in human malignant and normal B cells by phorbol myristic acetate (PMA). Miller RA, et al. **J Immunol** 1984 Dec; 133(6):3408-14

Recombinant interferon-gamma inhibits the B cell proliferative response stimulated by soluble but not by Sepharose-bound anti-immunoglobulin antibody. Mond JJ, et al. **J Immunol** 1985 Oct;135(4):2513-7

Synergistic effect of concanavalin A and Bu-WSA on DNA synthesis in human peripheral blood lymphocytes. Nitta T, et al. **J Immunol** 1985 Feb;134(2):808-14

Effect of glucocorticoids on the development of suppressive activity in human lymphocyte response to a polysaccharide purified from Candida albicans. Piccolella E, et al. **J Immunol** 1985 Feb;134(2):1166-71

The effects of 1,25-dihydroxyvitamin D3 on human T lymphocyte activation and proliferation: a cell cycle analysis. Rigby WF, et al. **J Immunol** 1985 Oct; 135(4):2279-86

Differential effects of leukotriene B4 on T4+ and T8+ lymphocyte phenotype and immunoregulatory functions. Rola-Pleszczynski M. **J Immunol** 1985 Aug;135(2):1357-60

Depletion of NK cells with the lysosomotropic agent L-leucine methyl ester and the in vitro generation of NK activity from NK precursor cells. Shau H, et al. **J Immunol** 1985 Feb;134(2):1136-41

Natural killer (NK) cell activating factor released from murine thymocytes stimulated with an anti-tumor streptococcal preparation, OK-432. Shitara K, et al. **J Immunol** 1985 Feb;134(2):1039-47

Analysis of the mode of antigen presentation required for triggering of T cell proliferation by using various azobenzenearsonate-tyrosine derivatives. Tadakuma T, et al. **J Immunol** 1985 Jan;134(1):122-8

Stimulation and inhibition of human T cell subsets by wheat germ agglutinin. Taylor DS, et al. **J Immunol** 1985 Jun; 134(6):3756-61

Ecto-5'-nucleotidase can provide the total purine requirements of mitogen-stimulated human T cells and rapidly dividing human B lymphoblastoid cells. Thompson LF. **J Immunol** 1985 Jun;134(6):3794-7

Calcium ionophore plus phorbol ester can substitute for antigen in the induction of cytolytic T lymphocytes from specifically primed precursors. Truneh A, et al. **J Immunol** 1985 Oct;135(4):2262-7

Activation of murine spleen cells by lipid A: negative modulation of lipid A mitogenic activity by O-antigen polysaccharide. Vukajlovich SW, et al. **J Immunol** 1985 Oct;135(4):2546-50

Influence of RU 41.740, a glycoprotein extract from Klebsiella pneumoniae, on the murine system. II. RU 41.740 facilitates the response to Con A in otherwise unresponsive T-enriched cells. Wood CD, et al. **J Immunol** 1985 Jul; 135(1):131-6

Enhancement of human MLR by very low concentrations of lipopolysaccharide and blocking of this enhancement by polymyxin B. Spear GT, et al. **J Immunol Methods** 1984 Oct 26;73(2):321-7

Adenosine inhibits polymorphonuclear leukocyte in vitro activation: a possible role as an endogenous calcium entry blocker. Pasini FL, et al. **J Immunopharmacol** 1985; 7(2):203-15

In vivo activation of macrophages but not natural killer cells by picolinic acid (PLA). Ruffmann R, et al. **J Immunopharmacol** 1984;6(4):291-304

Cyclosporin A directly inhibits human B-cell proliferation by more than a single mechanism. Hannam-Harris AC, et al. **J Leukocyte Biol** 1985 Aug;38(2):231-9

Inhibition of phytohemagglutinin-induced lymphocyte mitogenesis by lipoxygenase metabolites of arachidonic acid: structure-activity relationships. Low CE, et al. **J Lipid Res** 1984 Oct;25(10):1090-5

Chronic-relapsing experimental autoimmune encephalomyelitis. Myelin basic protein induces suppression of blastogenesis during remissions but not during exacerbations. Lyman WD, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):345-53

Synergistic effect of progesterone on prostaglandin E modulation of the mitogenic response of human peripheral lymphocytes. Fujisaki S, et al. **J Reprod Immunol** 1985 Jan; 7(1):15-26

Pregnancy-specific-beta 1-glycoprotein: effect on lymphocyte proliferation in vitro. Harris SJ, et al. **J Reprod Immunol** 1984 Jul;6(4):267-70

Differential effect of human chorionic gonadotrophin on lymphocyte proliferation induced by mitogens. Ricketts RM, et al. **J Reprod Immunol** 1985 May;7(3):225-32

Modulation of mitogen-dependent lymphocyte stimulation by hyaluronic acid. Anastassiades T, et al. **J Rheumatol** 1984 Dec;11(6):729-34

Verapamil inhibition of lymphocyte proliferation and function in vitro. McMillen MA, et al. **J Surg Res** 1985 Jul;39(1):76-80

Restoration of immunity in burned mice by cimetidine. Bender EM, et al. **J Trauma** 1985 Feb;25(2):131-7

Polysaccharides with sulfate groups are human T cell mitogens and murine polyclonal B cell activators (PBAs) II. Cellulose sulfate and dextran sulfate with two different lower molecular weights. Sugawara I, et al. **Microbiol Immunol** 1984;28(7):831-9

Augmentation of in vitro lymphocyte blastogenesis and cytotoxicity responses by tumor cells modified with dodecanoyl cytochrome C. Davis JW, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):203-9

Mitogens trigger a calcium-independent signal for proliferation in phorbol-ester-treated lymphocytes. Gelfand EW, et al. **Nature** 1985 May 30-Jun 5; 315(6018):419-20

Early steps of lymphocyte activation bypassed by synergy between calcium ionophores and phorbol ester. Truneh A, et al. **Nature** 1985 Jan 24-30;313(6000):318-20

Levamisole circumvents inhibition of lymphocyte activation imposed by uremic serum. Modai D, et al. **Nephron** 1985; 40(4):436-9

Activation of lymphocytes by lycorine-1-O-beta-D-glucoside. Chattopadhyay U, et al. **Pharmazie** 1984 Dec;39(12):855-6

Calcium dependency of antigen-specific (T3-Ti) and alternative (T11) pathways of human T-cell activation. Weiss MJ, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6836-40

Lipoxygenase specific inhibitors inhibit murine lymphocyte reactivity to Con A by reducing IL-2 production and its action. Kato K, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):39-52

A controlled study of cellular immune function in affective disorders before and during somatic therapy. Albrecht J, et al. **Psychiatry Res** 1985 Jul;15(3):185-93

Effect of antirheumatic agents on the mitogen response of arthritic rat spleen cells. Pasternak RD, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jun; 48(3):353-67

Effects of pyrethroids on lymphocyte mitogenic responsiveness. Stelzer KJ, et al. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):137-50

T-lymphocyte behaviour modification in vitro by cancer patient sera. Santamaría M, et al. **Rev Esp Fisiol** 1985 Jun; 41(2):221-3

Effect of verapamil on T-lymphocyte activation in vitro. Bruserud O. **Scand J Immunol** 1985 Jan;21(1):73-9

Inhibitory effect of deoxynivalenol, 3-acetyldeoxynivalenol and zearalenone on induction of rat and human lymphocyte proliferation. Atkinson HA, et al. **Toxicol Lett** 1984 Nov; 23(2):215-21

Effect of dietary chronic cadmium exposure on cell-mediated immune response in rhesus monkey (Macaca mulatta). Chopra RK, et al. **Toxicol Lett** 1984 Oct;23(1):99-107

Cadmium an inhibitor of lymphocyte transformation and stimulator of antibody-dependent cell-mediated cytotoxicity (ADCC) in rats: the role of zinc. Chopra RK, et al. **Toxicology** 1984 Dec;33(3-4):303-10

Variable inhibition of mitogen-induced blastogenesis in human lymphocytes by prednisolone in vitro. Walker KB, et al. **Transplant Proc** 1985 Apr;17(2):1676-8

Effect of interleukin 2 on the immunosuppressive action of cyclosporine. Hess AD. **Transplantation** 1985 Jan; 39(1):62-8

Inhibition of human in vivo cytotoxic T lymphocyte generation by cyclosporine following organ transplantation. Keown PA, et al. **Transplantation** 1985 Jul; 40(1):45-9

Mediation of the antiproliferative effect of cyclosporine on human lymphocytes by blockade of interleukin 2 biosynthesis. Kermani-Arab V, et al. **Transplantation** 1985 Apr;39(4):439-42

Lymphocyte sensitivity to glucocorticoids before and after cadaver kidney transplantation. Langhoff E, et al. **Transplantation** 1985 Mar;39(3):318-20

Restoration of T cell responsiveness to interleukin-2 in recipients of pancreatic islet xenografts treated with cyclosporine. Nakajima Y, et al. **Transplantation** 1985 Jul; 40(1):73-6

The canine lymphocyte: effect of streptolysin O on the proliferative response of canine lymphocytes. Bloch EF, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):125-35

Stimulatory effects of selenium on mitogen responses in lambs. Turner RJ, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):119-24

Flurbiprofen and immunosuppression of Trypanosoma brucei infection in the goat. van der Zee CE, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):341-50

[In vitro determination of antibody production in peripheral antigen- and mitogen-activated lymphocytes] Tauris P. **Ugeskr Laeger** 1985 Feb 4;147(6):503-5 (Eng. Abstr.) **(Dan)**

[Use of in-vitro treated human blood cells for the detection of the potential genotoxicity of chemical agents] Ros Y. **Arch Belg** 1984;42(5-6):325-38 (Eng. Abstr.) **(Fre)**

[The role of the cytoskeleton in lymphocyte stimulation] Hückel C, et al. **Allerg Immunol (Leipz)** 1985;31(2):83-90 (Eng. Abstr.) **(Ger)**

[The effect of cefaclor, doxycycline and other oral antibiotics on phagocytosis of polymorphonuclear granulocytes and PHA-induced stimulation of blood lymphocytes in man] Hahn H, et al. **Arzneimittelforsch** 1985;35(2):543-6 (Eng. Abstr.) **(Ger)**

[Effect of histamine-blocking substances on mitogen-induced lympho proliferation in rheumatic diseases] Manger BJ, et al. **Z Rheumatol** 1984 Jul-Aug;43(4):175-8 (Eng. Abstr.) **(Ger)**

[Verapamil inhibits the in vitro synthesis of DNA. I. Study of human lymphocyte cultures] Cesano L, et al. **Minerva Med** 1985 Sep 15;76(34-35):1541-8 (Eng. Abstr.) **(Ita)**

[Effect of anti-inflammatory drugs on transformation of human T-lymphocytes to blast-like cells induced by PHA and on one-way mixed lymphocyte reaction] Oshizawa T, et al. **Eisei Shikenjo Hokoku** 1984;(102):36-9 (Eng. Abstr.) **(Jpn)**

[T cell-activating monokines in guinea pigs. Physicochemical properties and some analysis of the action of the monokines] Taniyama T. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):422-30 (Eng. Abstr.) **(Jpn)**

[A new selection system of anti-cancer chemotherapeutic agents in consideration of immunosuppression assay—experimental study] Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):8-18 (Eng. Abstr.) **(Jpn)**

[Ca2+-dependent protease (calpain) and its endogenous inhibitor (calpastatin) in murine spleen cells: quantitative change at lymphoproliferative response to mitogens] Nakayama N, et al. **Nippon Geka Hokan** 1984 Jan 1; 53(1):213-20 (Eng. Abstr.) **(Jpn)**

[Effect of calmodulin blockers on membrane potential, potassium permeability and lymphocyte mitogenesis] Gukovskaia AS, et al. **Biokhimiia** 1985 May;50(5):786-94 (Eng. Abstr.) **(Rus)**

[Microbial deaminases as immunosuppressants] Kozlov EA, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):80-2 (Eng. Abstr.) **(Rus)**

[Effect of fentanyl on lymphocyte mitogenesis. In vitro study] Pacheco M, et al. **Rev Esp Anestesiol Reanim** 1984 Jul-Aug; 31(4):137-40 (Eng. Abstr.) **(Spa)**

[Proliferative response of murine lymphocytes caused by the activity of amphiphilic molecules from Propionibacterium acnes] Melgar MM, et al. **Rev Esp Fisiol** 1985 Jun; 41(2):225-33 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

Presentation of antigen by B cells: functional dependence on radiation dose, interleukins, cellular activation, and differential glycosylation. Frohman M, et al. **J Immunol** 1985 Apr;134(4):2269-75

Activation of mouse lymphocytes inhibits induction of rapid cell death by x-irradiation. Lowenthal JW, et al. **J Immunol** 1985 Aug;135(2):1119-25

Ultraviolet radiation inhibits both accessory cell and responder T cell function in the proliferative response to haptenated-self. Pretell JO, et al. **Photochem Photobiol** 1984 Sep;40(3):337-42

Effects of atomic bomb radiation on the differentiation of B lymphocytes and on the function of concanavalin A-induced suppressor T lymphocytes. Yamada Y, et al. **Radiat Res** 1985 Feb;101(2):351-5

Possible role of prostaglandin producing monocytes in the depression of mitogenic responses of blood lymphocytes following radiation therapy. Blomgren H, et al. **Radiother Oncol** 1984 Jan;1(3):255-61

Seasonal variations in UVR-induced DNA synthesis and in UVR inhibition of phytohaemagglutinin-stimulated proliferation of human lymphocytes. Munch-Petersen B, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):37-44

Comparison of altered expression of histocompatibility antigens with altered immune function in murine spleen cells treated with ultraviolet radiation and/or TPA. Pretell JO, et al. **Transplantation** 1985 Feb;39(2):175-81

[Effect of x-rays on the intracellular transport of thymidine in human lymphocytes stimulated by phytohemagglutinins] Catena C, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31; 60(8):1489-95 (Eng. Abstr.) **(Ita)**

LYMPHOCYTES

see related

ANTILYMPHOCYTE SERUM

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. II. Acute renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1-4):63-71

Effect of dialysis therapy on the T, EAC+ and E--EAC--lymphocyte counts. I. Chronic renal failure. Zukowska-Szczechowska E. **Acta Med Pol** 1984; 25(1-4):45-62

Lymphocytapheresis therapy in multiple sclerosis, a preliminary study. Medaer R, et al. **Acta Neurol Scand** 1984 Aug;70(2):111-5

Enrichment of human milk lymphocytes by discontinuous density gradient sedimentation. Lawton JW, et al. **Acta Paediatr Scand** 1985 May;74(3):346-51

An intralaboratory evaluation of the Coulter S+II lymphocyte percent (CLy%) as indicative of actual lymphocyte numbers in blood. Savage RA. **Am J Clin Pathol** 1985 Jan;83(1):34-9

Prognostic significance of the absolute lymphocyte count in acute pancreatitis. Christophi C, et al. **Am J Surg** 1985 Sep;150(3):295-6

Cryopreservation of lymphocytes in whole cattle blood: a method suited to the field collection of large numbers of samples. Kemp SJ, et al. **Anim Blood Groups Biochem Genet** 1984;15(3):219-22

A method for freezing bovine lymphocytes. Oliver RA, et al. **Anim Blood Groups Biochem Genet** 1984;15(3):213-7

Immunohistochemical characterization of lymphocytes in uninflamed ventricular myocardium. Implications for myocarditis. Linder J, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):917-20

Blood lymphocyte volumes and diameters in patients with chronic lymphocytic leukemia and normal controls. Kuse R, et al. **Blut** 1985 Apr;50(4):243-8

Influence of a constant magnetic field on human lymphocyte cultures. Ardito G, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1341-6

Disproportionate lymphoid cell subsets in thalassaemia major: the relative contributions of transfusion and splenectomy. Grady RW, et al. **Br J Haematol** 1985 Apr;59(4):713-24

The level of some serum proteins and lymphocyte count in persons exposed to the action of lead during work. Report I. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3-4):181-8

Reliability of the total lymphocyte count as a parameter of nutrition. Forse RA, et al. **Can J Surg** 1985 May;28(3):216-9

Cytogenetic study on peripheral lymphocytes in trophoblastic diseases. Bian ML, et al. **Chin Med J [Engl]** 1984 Apr;97(4):263-6

Changes in the populations of lymphoid cells in human peripheral blood following physical exercise. Edwards AJ, et al. **Clin Exp Immunol** 1984 Nov;58(2):420-7

The estimation of the lymphocyte percentage by the Coulter Counter Model S Plus III. Bain B, et al. **Clin Lab Haematol** 1984;6(3):273-85

Human scanning with In-111 oxine labeled autologous lymphocytes. Milgram R, et al. **Clin Nucl Med** 1985 Jan; 10(1):30-4

Flow cytometric enumeration of absolute lymphocyte number in peripheral blood using two parameters of light scatter. Smart YC, et al. **Cytometry** 1985 Mar;6(2):172-4

Clinical usefulness of 111In-oxine-labeled autologous lymphocytes in kidney-graft rejection. Martin-Comin J, et al. **Eur J Nucl Med** 1985;10(7-8):308-12

Intraepithelial lymphocytes of human gut: isolation, characterisation and study of natural killer activity. Cerf-Bensussan N, et al. **Gut** 1985 Jan;26(1):81-8

Cell markers in stored blood. Fosse E, et al. **Injury** 1985 May;16(6):393-7

Peripheral blood lymphocyte numbers, lymphocyte proliferative responses in vitro, and serum immunoglobulins in regular hemapheresis donors. Braine HG, et al. **J Clin Apheresis** 1985;2(3):213-8

Separation of lymphocytes from peripheral blood: a revisitation [letter] McKeating O, et al. **J Clin Pathol** 1985 May;38(5):595-6

Lymphoid interstitial pneumonia and rheumatoid arthritis [letter] Church JA. **J Pediatr** 1985 Sep;107(3):485

Delayed cutaneous hypersensitivity, lymphocyte count, and blood tests in patients with breast carcinoma. Lee YT. **J Surg Oncol** 1984 Nov;27(3):135-40

A method for improved yield and purity in extracting lymphocytes from lung tumors. Moy PM, et al. **J Surg Res** 1985 Jan;38(1):17-23

Reference range for lymphocyte counts in health [letter] Robbins G, et al. **Lancet** 1984 Nov 10;2(8411):1094

Immunochemical techniques. Part G: Separation and characterization of lymphoid cells. **Methods Enzymol** 1984; 108:1-750

Potential of 109Pd-labeled lymphocytes for selective lymphatic ablation. Fawwaz RA, et al. **Nuklearmedizin** 1984 Dec;23(6):333-5

The role of peripheral lymphocytes in the prediction of recurrence in Crohn's disease. Heimann TM, et al. **Surg Gynecol Obstet** 1985 Apr;160(4):295-8

Quantitative analysis of lymphocyte populations and T cell subsets in patients with intracranial glioma. Lin SM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):173-80

Sister chromatid exchanges in human lymphocytes after exposure to pulse-wave ultrasound. Ozawa N, et al. **Tohoku J Exp Med** 1984 Aug;143(4):473-80

Lymphoplasmapheresis for acute systemic lupus erythematosis (SLE). Gluck O, et al. **Trans Am Soc Artif Intern Organs** 1984;30:678

Separation of large quantities of mononuclear cells from human blood using a blood processor. Beaujean F, et al. **Transfusion** 1985 Mar-Apr;25(2):152-4

Factors that influence lymphocyte yields in lymphocytapheresis. Blanchette VS, et al. **Transfusion** 1985 May-Jun;25(3):242-5

[The unreliability of the determination of the blood lymphocyte count] Rümke CL. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):493-5 **(Dut)**

[Effect of human insulin on clinical remission and the immunologic aspect newly-diagnosed type 1 (insulin-dependent) diabetes mellitus] Giordano C, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):121-3 (Eng. Abstr.) **(Ita)**

[Lymphoplasmapheresis in the treatment of juvenile rheumatoid arthritis] Bonioli E, et al. **Minerva Pediatr** 1985 Feb 28;37(4):201-5 (Eng. Abstr.) **(Ita)**

[B-, T- and null lymphocytes of peripheral blood in infectious mononucleosis] Janeczko J, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):39-44 (Eng. Abstr.) **(Pol)**

[Magnetic susceptibility and magnetic capture of cells] Shalygin AN, et al. **Biofizika** 1984 Sep-Oct;29(5):845-51 (Eng. Abstr.) **(Rus)**

[Structure and function of lymphocytes in patients with myopathy] Pleshko RI. **Lab Delo** 1985;(3):131-3 (Eng. Abstr.) **(Rus)**

[Determination of acridine orange fluorescence in nonfixed peripheral blood lymphocytes] Sokolova ZA. **Lab Delo** 1985;(3):140-3 (Eng. Abstr.) **(Rus)**

[Lymphocytopheresis and plasmapheresis in rheumatoid arthritis] Dubrovina NA, et al. **Revmatologiia (Moskva)** 1984 Jul-Sep;(3):9-12 (Eng. Abstr.) **(Rus)**

ANALYSIS

Lymphocyte and monocyte localization of altered adrenergic receptors, cAMP responses, and cAMP phosphodiesterase in atopic dermatitis. A possible mechanism for abnormal radiosensitive helper T cells in atopic dermatitis. Cooper KD, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985; 114:41-7

Alterations in plasma-, monocyte-, and lymphocyte-associated fibronectin during cardiopulmonary bypass surgery. Keren G, et al. **Am J Clin Pathol** 1985 May;83(5):629-33

Plasminogen-dependent fibrinolytic activity in normal human lymphocytes: diminished lymphocyte plasminogen activator in chronic lymphocytic leukemia. Zucker S, et al. **Am J Hematol** 1985 Aug;19(4):373-86

Plasma membrane isolation and fatty acid analysis of membrane lipids from murine lymphocytes. Adams DA, et al. **Anal Biochem** 1985 Jan;144(1):228-32

Normal peripheral-blood lymphocyte cAMP and cGMP resting levels in untreated patients with mycosis fungoides. Aleksijevic A, et al. **Arch Dermatol Res** 1985;277(2):143-5

Lymphocyte subpopulations in Graves' ophthalmopathy. Felberg NT, et al. **Arch Ophthalmol** 1985 May;103(5):656-9

Zinc content of red and white blood cells in aboriginal children. Cheek DB, et al. **Aust NZ J Med** 1984 Oct; 14(5):638-42

Identification of calcium-binding proteins associated with the lymphocyte plasma membrane. Davies AA, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):571-7

cDNA cloning of mRNAS which increase rapidly in human lymphocytes cultured with concanavalin-A and cycloheximide. Forsdyke DR. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):619-25

Psoralen-DNA crosslink repair in human lymphocytes. Comparison of alkaline elution with electron microscopy. Bohr V, et al. **Biochim Biophys Acta** 1984 Nov 22; 783(2):183-6

Isolation and characterization of gangliosides from pig lymphocytes. Hueso P, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):167-71

Identification of 3-hydroxyanthranilic acid in mixed lymphocyte cultures. Werner ER, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):99-102

Cyclic AMP levels in peripheral blood lymphocytes of term pregnant women. Birkenfeld A, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):121-3

The incidence of spontaneous cytogenetic aberrations in lymphocytes cultured from normal humans for 48 and 72 h. Sinha AK, et al. **Can J Genet Cytol** 1984 Oct; 26(5):528-31

Distribution and content of nuclear and cellular RNA among cell populations of acute lymphoblastic and nonlymphoblastic leukemia. Walle AJ. **Cancer Res** 1985 Oct;45(10):5193-5

Macrophage glycolipid receptors for human migration inhibitory factor (MIF): differentiated HL-60 cells exhibit MIF responsiveness and express surface glycolipids which both bind MIF and convert nonresponsive cells to responsiveness. Liu DY, et al. **Cell Immunol** 1985 Feb; 90(2):605-13

Discrepancies in ribonucleotide concentrations in human lymphocytes isolated from heparinized and defibrinized blood. De Abreu RA, et al. **Clin Chim Acta** 1985 Feb 15; 145(3):349-55

Decrease in beta-receptor density explaining the development of pindolol- and prenalterol-tolerance in orthostatic hypotension. Andersen EB, et al. **Dan Med Bull** 1985 Jun;32(3):194-6

Electron-microscopical evidence that ribosomal chromatin of human circulating lymphocytes is devoid of histones. Derenzini M, et al. **Exp Cell Res** 1985 Mar;157(1):50-62

Evidence for the existence of an actin-derived protein in ataxia-telangiectasia lymphoblastoid cell lines. McKinnon PJ, et al. **Exp Cell Res** 1985 Jun;158(2):413-22

Genetic analysis of human lymphocyte proteins by two-dimensional gel electrophoresis. VII. Genetic polymorphism of cytosol polypeptide with molecular weight of 38,000. Kondo I, et al. **Hum Genet** 1985; 70(4):328-32

Evidence for extensive intermolecular disulfide bonds of the proteins of non-ionic detergent high-salt-resistant skeletons of normal lymphocytes, and the altered structure in leukemia. Taş S, et al. **Int J Cancer** 1984 Sep 15; 34(3):329-33

Primary structure of human lymphotoxin derived from 1788 lymphoblastoid cell line. Aggarwal BB, et al. **J Biol Chem** 1985 Feb 25;260(4):2334-44

Purification and properties of the alpha-interferon receptor of human lymphoblastoid (Namalva) cells. Traub A, et al. **J Biol Chem** 1984 Nov 25;259(22):13872-7

ELISA plaque assay for the detection of antibody secreting cells: observations on the nature of the solid phase and on variations in plaque diameter. Holt PG, et al. **J Immunol Methods** 1984 Nov 16;74(1):1-7

Beta-adrenergic receptors are different in subpopulations of human circulating lymphocytes. Landmann RM, et al. **J Recept Res** 1984;4(1-6):37-50

Effects of beta-adrenoceptor antagonist administration on beta 2-adrenoceptor density in human lymphocytes. The role of the 'intrinsic sympathomimetic activity'. Brodde OE, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):417-22

Hepatitis B virus DNA sequences in lymphoid cells from patients with AIDS and AIDS-related complex. Laure F, et al. **Science** 1985 Aug 9;229(4713):561-3

Expression of receptors for Fc portion of IgM (Fc mu . R) and surface neuraminic acid on the human peripheral lymphocytes. Kataoka S, et al. **Tohoku J Exp Med** 1985 Jan;145(1):73-84

[Studies on E-receptors II. Purification of E-receptors with affinity chromatography] Cui LX, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):318-20 (Eng. Abstr.) **(Chi)**

[Changes in circulating lymphocyte subsets in alcoholic hepatopathies. Respective role of alcohol, hepatocellular insufficiency and malnutrition] Couzigou P, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):915-9 (Eng. Abstr.) **(Fre)**

[Hepatitis B virus markers and lymphocyte populations in the asymptomatic multiple-drug addict] Ducos J, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):549-55 (Eng. Abstr.) **(Fre)**

[DNA content of lymphocytes and mononuclear tumor cells in Hodgkin's disease] Donhuijsen K, et al. **Klin Wochenschr** 1985 Jul 15;63(14):631-5 (Eng. Abstr.) **(Ger)**

[ESR (electron spin resonance) analysis of cancer patient lymphocytes stained with hematoporphyrin D] Itabashi M, et al. **Gan No Rinsho** 1984 Aug;30(10):1293-8 (Eng. Abstr.) **(Jpn)**

[Measurement of beta-adrenoceptors in lymphocytes of subjects with nasal allergy] Maeda H, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Jan;88(1):37-40 (Eng. Abstr.) **(Jpn)**

[Beta-adrenergic receptors of the lymphocytes and bronchial hypersensitivity] Sakakibara H, et al.

Nippon Kyobu Shikkan Gakkai Zasshi 1984 May; 22(5):383-9 (Eng. Abstr.) **(Jpn)**

[Changes in the density of human lymphocyte beta-adrenergic receptors in hypertension] Krasnikova TL, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):661-3 (Eng. Abstr.) **(Rus)**

[Lymphocyte receptors for trophoblastic beta 1-glycoprotein] Sotnikova NIu, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):326-7 (Eng. Abstr.) **(Rus)**

[Proton magnetic resonance spectra of lymphocytes in experimental leukemia] Shkarin PIu, et al. **Dokl Akad Nauk SSSR** 1985;281(4):981-3 **(Rus)**

[Combination staining for nucleic acids in lymphocytes] Suponitskiĭ VIa. **Lab Delo** 1985;(1):59 **(Rus)**

[Method of quantitative determination of lipids in peripheral blood lymphocytes and neutrophils] Zhukhorov LS, et al. **Lab Delo** 1984;(11):683-5 **(Rus)**

[Cytophotometric study of the change in DNA content in the nuclei of human blood lymphocytes in systemic lupus erythematosus] Sakene VE, et al. **Tsitologiia** 1984 Oct; 26(10):1212-6 (Eng. Abstr.) **(Rus)**

[Quantification of lectin receptors on B, T, T-gamma, and T-mu lymphocytes. II. PHA, SBA, Dolichos biflorus, and Tetragonolobus purpureus] de Dios I, et al. **Rev Esp Fisiol** 1984 Sep;40(3):265-70 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Detection of human lymphocyte subpopulations by using monoclonal antibodies and protein A-coated erythrocytes. Roman S, et al. **Acta Haematol (Basel)** 1985;73(3):140-4

Normalization of electrophoretic mobility of lymphocytes in patients with primary immunoglobulin deficiency treated with intravenous immunoglobulins. Ricci C, et al. **Acta Med Hung** [illegible]84;41(4):297-302

Increased number of phagocytic cells among the peripheral blood lymphocytes of mammary tumor patients. Süss J, et al. **Allerg Immunol (Leipz)** 1984;30(3):183-7

Absence of day to day variation in lymphocyte subpopulations in healthy humans. Kus J, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):407-9

Lymphocyte subpopulations in patients with allergic rhinitis. Kus J, et al. **Allergy** 1984 Oct;39(7):509-14

Quantitation of lymphocyte subsets by immunofluorescence flow cytometry in idiopathic dilated cardiomyopathy. Anderson JL, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1550-4

An immunogold silver staining method for the light microscopic analysis of blood lymphocyte subsets with monoclonal antibodies. Romasco F, et al. **Am J Clin Pathol** 1985 Sep;84(3):307-16

Lymphocyte compartments in human spleen. An immunohistologic study in normal spleens and uninvolved spleens in Hodgkin's disease. Timens W, et al. **Am J Pathol** 1985 Sep;120(3):443-54

Usefulness of lymphocyte typing to exclude incorrectly assigned paternity in horses. Bailey E. **Am J Vet Res** 1984 Oct;45(10):1976-8

Identification of canine lymphocyte subpopulations by immunofluorescence assay. Koyama H, et al. **Am J Vet Res** 1984 Nov;45(11):2354-8

Lymphocyte subset ratios and factor VIII usage in haemophilia. Beddall AC, et al. **Arch Dis Child** 1985 Jun; 60(6):530-6

Lymphocyte subpopulations and S-antigen reactivity in retinitis pigmentosa. Hendricks RL, et al. **Arch Ophthalmol** 1985 Jan;103(1):61-5

Lymphokine production and lymphocyte subpopulations in patients with head and neck squamous carcinoma. Wolf GT, et al. **Arch Otolaryngol** 1984 Nov;110(11):731-5

Lymphocyte subsets in lymphoid interstitial pneumonitis [letter] Church JA, et al. **Arch Pathol Lab Med** 1984 Nov; 108(11):861-2

Synovial fluid lymphocyte subpopulations in the polyarthritis of immunoblastic lymphadenopathy [letter] Gray RG. **Arthritis Rheum** 1985 Jan;28(1):120

Studies of lymphocyte subpopulations and their clinical implications [editorial] Matangkasombut P. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):1-2

Lymphocyte subsets in tissue, blood, and bronchoalveolar lavage fluid in sarcoidosis. Sharma OP. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):60-2

Lymphocyte subclasses in pregnancy induced hypertension. Barnett MA, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):202-5

Expression of the Chediak-Higashi lysosomal abnormality in human peripheral blood lymphocyte subpopulations. Grossi CE, et al. **Blood** 1985 Apr;65(4):837-44

Distinctive lymphocyte subpopulation abnormalities in patients with congenital coagulation disorders who exhibit lymph node enlargement. Prince HE, et al. **Blood** 1985 Jul; 66(1):64-8

Alterations of the lymphocyte subpopulations in haemophilia patients from Venezuela. Merino F, et al. **Blut** 1984 Oct; 49(4):359-61

Lymphocyte subpopulations in healthy and unhealthy newborn babies. Ansanelli V, et al. **Boll Ist Sieroter Milan** 1982;61(4):336-46

Lymphocyte subpopulations in patients with breast cancer after postoperative radiotherapy. Toivanen A, et al. **Cancer** 1984 Dec 15;54(12):2919-23

Lymphocyte subpopulations in allergic granulomatosis and angiitis (Churg-Strauss syndrome). Kus J, et al. **Chest** 1985 Jun;87(6):826-7

CSF and PB lymphocyte subpopulations in sporadic encephalitis. Zhou SR, et al. **Chin Med J [Engl]** 1985 Apr; 98(4):276-80

Altered distribution of lymphocyte subpopulations and augmentation of lymphocyte proliferation in chronic PCB poisoned patients. Wu YC, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):177-87

Subtyping lymphocytes in peripheral blood by immunoperoxidase labeling and light scatter/absorption flow cytometry. Kim YR, et al. **Clin Chem** 1985 Sep; 31(9):1481-6

Relationship between intensity of infection and immunomodulation in human schistosomiasis. I. Lymphocyte subpopulations and specific antibody responses. Feldmeier H, et al. **Clin Exp Immunol** 1985 May; 60(2):225-33

Measurements of red blood cell methotrexate concentrations and lymphocyte subsets during therapy of rheumatoid arthritis. Duby S, et al. **Clin Exp Rheumatol** 1985 Jan-Mar; 3(1):5-9

Cellular origin of human lymphotoxin and its purification. Pichyangkul S, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):22-34

Lymphocyte subsets and surface molecules in man. Krensky AM, et al. **Clin Immunol Rev** 1985;4(1):95-138 (129 ref.)

Immunohistological localization of human lymphocyte subsets. Giorno R, et al. **Diagn Immunol** 1983;1(1):17-26

Are lymphocyte subset determinations affected by storage conditions? Ponzio AD, et al. **Diagn Immunol** 1984; 2(3):188-90

Influence of racial background on the distribution of T-cell subsets and Leu 11-positive lymphocytes in healthy blood donors. Prince HE, et al. **Diagn Immunol** 1985;3(1):33-7

Classification of human lymphocytes and monocytes with the OK series of monoclonal antibodies. Talle MA, et al. **Diagn Immunol** 1983;1(3):129-35

Studies on lymphocyte subpopulations in human colonic biopsy specimens by colonoscopy. Miyazaki H, et al. **Dig Dis Sci** 1985 Feb;30(2):143-8

Murine intestinal intraepithelial lymphocytes I. Relationship of a novel Thy-1-,Lyt-1-,Lyt-2+, granulated subpopulation to natural killer cells and mast cells. Petit A, et al. **Eur J Immunol** 1985 Mar;15(3):211-5

The subpopulations of lymph node cells from allograft-sensitized AKR mice. Sundaresan P, et al. **Folia Biol (Praha)** 1984;30(5):317-28

Immunophenotypes of lymphocytes in prospectively followed up human papillomavirus lesions of the cervix. Väyrynen M, et al. **Genitourin Med** 1985 Jun;61(3):190-6

Detection of lymphocyte subsets by monoclonal antibodies in aged and young humans. Yamakido M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):87-94

beta-D-N-acetylglucosaminidase, a new cytochemical marker of human lymphocyte subpopulations. Orye E, et al. **Histochemistry** 1985;82(1):19-24

A comparison of methods for enumerating lymphocyte classes. Blann AD, et al. **Immunol Lett** 1985;9(1):49-51

Correlation of plasma hormone levels and peripheral circulating lymphocyte subpopulations during human pregnancy. Canepa S, et al. **Immunol Lett** 1984;8(4):159-63

Lymphocyte subpopulations in chronic Chagas' disease. Gattass CR, et al. **Immunol Lett** 1984;8(5):289-92

Monoclonal antibody associated with a lymphocyte subpopulation in chronic lymphocytic leukemia. Price GB, et al. **Immunol Lett** 1985;9(1):9-14

Use of monoclonal antibodies to define peripheral blood lymphocyte subsets in systemic connective tissue diseases. Malaviya AN, et al. **Indian J Med Res** 1984 Aug;80:196-202

Alterations in lymphocyte subpopulations in copper-deficient mice. Lukasewycz OA, et al. **Infect Immun** 1985 Jun; 48(3):644-7

Long term effects on the immune system following local radiation therapy for breast cancer. I. Cellular composition of the peripheral blood lymphocyte population. Rotstein S, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):921-5

In situ subpopulations of lymphocytes in human colorectal carcinomas. Lennard TW, et al. **Invasion Metastasis** 1984; 4 Suppl 1:60-6

Lymphocytes and Langerhans cells in the normal human cornea. Vantrappen L, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):220-5

Annual stability in the levels of lymphocyte subpopulations identified by monoclonal antibodies in blood of healthy individuals. Abo T, et al. **J Clin Immunol** 1985 Jan; 5(1):13-20

Lymphocyte subpopulations in patients with hydroxocobalamin responsive megaloblastic anaemia. Wodzinski MA, et al. **J Clin Pathol** 1985 May;38(5):582-4

Salivary gland lymphocytes in primary Sjogren's syndrome lack lymphocyte subsets defined by Leu-7 and Leu-11 antigens. Fox RI, et al. **J Immunol** 1985 Jul;135(1):207-14

Phylogeny of lymphocyte heterogeneity: the cellular requirements for in vitro antibody responses of channel catfish leukocytes. Miller NW, et al. **J Immunol** 1985 May; 134(5):2884-8

Selective elimination of lymphocyte subpopulations by monoclonal antibody-enzyme conjugates. Lal RB, et al. **J Immunol Methods** 1985 May 23;79(2):307-18

Lymphocyte subpopulations do not alter during blood storage at 4 degrees C. Van Lambalgen R, et al. **J Immunol Methods** 1985 Jun 12;80(1):39-43

B/T cell ratio of rabbit peripheral blood lymphocytes. Influence of separation technique on results. Walstra K, et al. **J Immunol Methods** 1985 May 10;79(1):143-7

Immunogold staining: an alternative method for lymphocyte subset enumeration. Comparison with immunofluorescence microscopy and flow cytometry. Wybran J, et al. **J Immunol Methods** 1985 Feb 11;76(2):229-38

Subpopulations of mononuclear cells in microscopic lesions of psoriatic patients. Selective accumulation of suppressor/cytotoxic T cells in epidermis during the evolution of the lesion. Hammar H, et al. **J Invest Dermatol** 1984 Dec;83(6):416-20

Analysis of lymphocyte populations extracted from chronically inflamed human periodontal tissues. I. Identification. Seymour GJ, et al. **J Periodont Res** 1985 Jan;20(1):47-57

A monoclonal antibody micromethod for studying fetal lymphocytes: potential for prenatal diagnosis of inherited immunodeficiencies. Holzgreve B, et al. **J Reprod Immunol** 1984 Dec;6(6):341-4

Lymphocyte subsets and inflammatory indices in synovial fluid and blood of patients with rheumatoid arthritis. Bertouch JV, et al. **J Rheumatol** 1984 Dec;11(6):754-9

Characterization of human large granular lymphocyte subpopulations: comparison of the phenotype of NK cells and of interleukin 2-dependent progenitors of cytolytic effector cells. Allavena P, et al. **Nat Immun Cell Growth Regul** 1985;4(1):7-20

Standardization of bovine E-rosette assay and enumeration of lymphocyte subpopulations. Nagahata H, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):815-21

Distribution of lymphocyte subsets in lymph nodes of leprosy patients. Samuel NM, et al. **Nippon Rai Gakkai Zasshi** 1984 Oct-Dec;53(4):179-84

Isolation of highly purified lymphocyte subsets for functional studies by means of an indirect rosette technique. van der Giessen M, et al. **Scand J Immunol** 1985 Jul;22(1):41-9

The definition of lymphocyte subpopulations: new approaches to an old problem. MacDonald HR, et al. **Semin Hematol** 1984 Oct;21(4):223-5

Characterization and distribution of lymphocyte subpopulations in multiple sclerosis plaques versus autoimmune demyelinating lesions. Traugott U. **Springer Semin Immunopathol** 1985;8(1-2):71-95 (91 ref.)

Percoll separation of leukemic leukocytes for MLC matching prior to bone marrow transplantation. Hakos G, et al. **Transplantation** 1985 Mar;39(3):323-6

Nylon wool column fractionation and characterisation of feline lymphocyte subpopulations. Tham KM, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):3-13

In situ identification of immune competent cells in gastrointestinal mucosa: an evaluation by immunoelectronmicroscopy. Vecchi M, et al. **Virchows Arch** [A] 1985;406(4):407-15

[Lymphocyte subpopulations of the cerebrospinal fluid in tuberculous meningitis] Zhou SR, et al. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1985 Apr;8(2):74-7, 125 (Eng. Abstr.) **(Chi)**

[A preliminary study on cerebrospinal fluid lymphocyte subpopulations in patients with acute viral encephalitis] Zhou SR. **Chung Hua Nei Ko Tsa Chih** 1984 Jun; 23(6):352-4, 398 (Eng. Abstr.) **(Chi)**

[Lymphocyte subpopulations in human cerebrospinal fluid—a mixed rosette test for detecting T, B, D and N lymphocytes] Zhou SR. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):174-7 (Eng. Abstr.) **(Chi)**

[Defining the notion of monoclonal antibodies without analysis of the production methods. Discussion of the value of these antibodies in the study and identification of lymphoid populations during rejection phenomena related to tissue transplantation] Bene MC. **Arch Anat Cytol Pathol** 1985;33(2):101-6 **(Fre)**

[Defining the notion of monoclonal antibodies without analysis of the production methods. Discussion of the value of these antibodies in the study and identification of lymphoid populations during rejection phenomena related to tissue transplantation] Faure G. **Arch Anat Cytol Pathol** 1985;33(2):107-11 **(Fre)**

[Lymphocytes and lymphocyte subpopulations] Seelig HP. **Immun Infekt** 1984 Oct;12(5):217-28 (135 ref.) (Eng. Abstr.) **(Ger)**

[Use of solid-phase monoclonal antibodies in the determination of peripheral lymphocyte classes in cancer patients] Di Giacomo A, et al. **Arch Monaldi** 1984 Jul-Aug; 39(4):313-8 (Eng. Abstr.) **(Ita)**

[Monitoring of lymphocyte classes and subclasses during lymphocyte plasmapheresis] Corridori S, et al. **Boll Ist Sieroter Milan** 1985;64(1):59-69 (Eng. Abstr.) **(Ita)**

[Alopecia areata and treatment with the diethylester of squaric acid. Behavior of lymphocyte subpopulations] Pigatto PD, et al. **G Ital Dermatol Venereol** 1985 May-Jun; 120(3):227-30 (Eng. Abstr.) **(Ita)**

[Changes in the lymphocyte subpopulations in type 1 diabetes mellitus] Coaccioli S, et al. **Recenti Prog Med** 1985 May; 76(5):249-53 (Eng. Abstr.) **(Ita)**

[Study on peripheral blood mononuclear cell subpopulations in children. Part II. Peripheral blood mononuclear cell subpopulations in patients with Kawasaki disease] Ogiwara A. **Arerugi** 1984 Jul;33(7):369–75 (Eng. Abstr.) **(Jpn)**

[Immunohistochemical characterization of lymphocytes and histiocytes in bladder cancers in terms of local immune responses] Hanai S, et al. **Gan No Rinsho** 1985 Jun; 31(7):839–46 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes of lymphocyte subsets in the blood in cancer patients during radiotherapy. 5. Special reference to OKIa 1+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20; 19(9):2138–45 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes of lymphocyte subsets in the blood of cancer patients during radiotherapy. 6. Special reference to OKT3+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Dec 20; 19(10):2279–86 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiotherapy. 1. Special reference to OKT11+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):64–70 (Eng. Abstr.) **(Jpn)**

[Identification of lymphocyte subpopulations in testicular and bladder tumors] Hoshi S, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Feb;76(2):211–8 (Eng. Abstr.) **(Jpn)**

[Analysis of lymphocyte subsets infiltrated into mouse tumor tissue exposed to local irradiation—histological study using monoclonal antibodies] Hirota S, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25; 45(4):663–5 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiation therapy] Ogawa Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25;44(12):1537–45 (Eng. Abstr.) **(Jpn)**

[Changes of lymphocyte subsets in peripheral blood and cancer tissue during radiotherapy—analysis with monoclonal antibodies] Ogawa Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1417–9 (Eng. Abstr.) **(Jpn)**

[Clinical significance of the subsets of lymphocyte in the peripheral blood of the head and neck cancer patients] Okamoto M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):443–8 (Eng. Abstr.) **(Jpn)**

[Analysis of peripheral lymphocyte subsets in patients with diffuse panbronchiolitis] Sugiyama Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1116–21 (Eng. Abstr.) **(Jpn)**

[Determination of lymphocyte subsets by monoclonal antibodies using a flow cytometric whole blood method] Mizukoshi M, et al. **Rinsho Byori** 1984 Jul;32(7):809–13 **(Jpn)**

[Peripheral lymphocyte subset analysis by monoclonal antibodies in patients with malignant lymphoma] Takada K, et al. **Rinsho Byori** 1984 Jun;32(6):646–50 **(Jpn)**

[Lymphocyte subpopulations and the presence of abnormal proteins in plasma concentrates (letter)] Vicente V, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):675–6 **(Spa)**

[Lymphocytes and their subpopulations in psoriasis] Vignale R, et al. **Med Cutan Iber Lat Am** 1984;12(3):193–8 (Eng. Abstr.) **(Spa)**

[Effect of splenectomy on lymphocyte populations in thalassemia major] Ballart IJ, et al. **Sangre (Barc)** 1985; 30(2):137–45 (Eng. Abstr.) **(Spa)**

[Abnormal phenotype of a chronic lymphatic leukemia: presence of T and B markers defined by monoclonal antibodies] Gómez Morales M, et al. **Sangre (Barc)** 1985; 30(3):348–54 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Lymphoid cells of the gastrointestinal tract. Isolation procedures. Fiocchi C. **Acta Chir Scand [Suppl]** 1985; 525:11–23

Cells isolated from endoscopical biopsy specimens. Murata Y, et al. **Acta Chir Scand [Suppl]** 1985;525:54–69

Osmotic fragility of peripheral blood lymphocytes in some lymphoproliferative disorders. Karalias N, et al. **Acta Haematol (Basel)** 1984;72(2):138–9

Normal human blood density gradient lymphocyte subset analysis: I. An interlaboratory flow cytometric comparison of 85 normal adults. Marti GE, et al. **Am J Hematol** 1985 Sep;20(1):41–52

Cation and anion transport pathways in volume regulatory response of human lymphocytes to hyposmotic media. Sarkadi B, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C480–7

Agarose-polyaldehyde microsphere beads: synthesis and biomedical applications. Cell labeling, cell separation, affinity chromatography, and hemoperfusion. Margel S. **Appl Biochem Biotechnol** 1983 Dec;8(6):523–39

Analysis of lymphocyte proliferation by cytofluorometric techniques in aging and various clinical conditions. de Weck AL, et al. **Asian Pac J Allergy Immunol** 1984 Dec; 2(2):253–61 (99 ref.)

Effect of somatostatin on the proliferation of mouse spleen lymphocytes in vitro. Pawlikowski M, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):52–5

Effect of adroxazine, a heterocyclic compound of the adrenals, on the rate of replication of lymphoblastoid cells. Rice FA, et al. **Can J Biochem Cell Biol** 1985 Feb; 63(2):122–7

Spontaneous and induced sister chromatid exchange frequencies and cell cycle progression in lymphocytes of patients with carcinoma of the uterine cervix. Adhvaryu SG, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):67–72

Inherited aplastic anemia with abnormal clones in bone marrow and increased endoreduplication in peripheral lymphocytes. Carbone P, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):259–66

Comparison of metaphase and interphase nucleolar activity in Hela-CCL2 cells and PHA-stimulated human lymphocytes. Van der Elst J, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):209–23

Differentiation-associated cellular complex formation of murine thymocytes with thymic stromal cells. Hiai H, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5771–5

Non-random distribution of lymphoid cells within the follicle-associated epithelium is caused by lymphoid cells associated with M cells. Rowiński J, et al. **Cell Biol Int Rep** 1985 Feb;9(2):115

Ia-positive macrophages bind and internalize viable lymphocytes in murine thymus. Epstein HD, et al. **Cell Immunol** 1985 Oct 1;95(1):15–34

Separation of spleen colony-forming units and prothymocytes by use of a monoclonal antibody detecting an H-2K determinant. Mulder AH, et al. **Cell Immunol** 1984 Oct 15;88(2):401–10

Characterization of the in vitro interaction of PNAhi lymphocytes with the bone marrow and hepatic asialoglycoprotein receptors. Samlowski WE, et al. **Cell Immunol** 1985 Oct 1;95(1):1–14

Gene mapping in marsupials and monotremes. I. The chromosomes of rodent-marsupial (Macropus) cell hybrids, and gene assignments to the X chromosome of the grey kangaroo. Dawson GW, et al. **Chromosoma** 1984;91(1):20–7

The optimal conditions for microtiter cultures of human peripheral lymphocytes. I. Effects of bottom shapes of culture wells. Wang SR, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):193–202

The optimal conditions for microtiter cultures of human peripheral lymphocytes. II. Effects of mitogen concentration, incubation time and duration of isotope pulse. Wang SR, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):203–9

Supernumerary chromosomal elements in lymphocytes cultured from phenotypically normal human adult males. Sinha AK, et al. **Cytobios** 1985;43(170):49–65

Characterization of G-banded chromosomes of the Indian muntjac and progression of banding patterns through different stages of condensation. Sen P, et al. **Cytogenet Cell Genet** 1985;39(2):145–9

Preservation of cells sorted individually onto microscope slides with a fluorescence-activated cell sorter. Alberti S, et al. **Cytometry** 1984 Nov;5(6):644–7

The G0 in equilibrium G1 transitions of human lymphocytes as monitored by quantitative 14C-uridine autoradiography and high-resolution image analysis. Giaretti W, et al. **Cytometry** 1985 May;6(3):219–25

Lymphocyte requirement for the functional development of follicle-associated epithelium. Beezhold DH, et al. **Dev Comp Immunol** 1985 Spring;9(2):351–9

Spontaneous redistribution of cell-surface glycoproteins in lymphoid cells during cytokinesis. de Petris S. **EMBO J** 1984 Aug;3(8):1849–55

Effects of taxol on microtubule organization in mouse splenic lymphocytes and on response to mitogenic stimulation. Brown DL, et al. **Eur J Cell Biol** 1985 May;37:130–9

Murine intestinal intraepithelial lymphocytes II. Comparison of freshly isolated and cultured intraepithelial lymphocytes. Ernst PB, et al. **Eur J Immunol** 1985 Mar;15(3):216–21

Effects of Cd2+ upon Ca2+ fluxes and proliferation in concanavalin A-stimulated lymphocytes. Scott IG, et al. **Exp Cell Res** 1985 Jan;156(1):191–7

Cinemicroscopic studies of lymphocyte behavior in semi-solid medium: the polyclonal origin of lymphocyte colonies. Donnenberg AD, et al. **Exp Hematol** 1985 Jan; 13(1):29–35

Separation and characterization of lymphocytes from rat lung parenchyma. Kumar RK. **Exp Lung Res** 1984;7(2):113–22

The inhibition of lymphocyte mitogenesis by asparaginase: a still unexplained phenomenon. Kafkewitz D, et al. **Experientia** 1984 Nov 15;40(11):1173–7 (64 ref.)

The dynamic nature of DNA-strand breaks present in differentiating muscle cells and quiescent lymphocytes. Farzaneh F, et al. **FEBS Lett** 1985 Sep 9;189(1):62–6

Induction of sister chromatid exchanges by mitomycin C in lymphocytes of young and old human donors. Musilová J, et al. **Gerontology** 1984;30(6):365–70

Hairy cell leukemia-like chronic lymphoproliferative disorder with nuclear extrusion. Brugiatelli M, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):25–9

Evidence of Sternberg-Reed cells being derived from activated lymphocytes. Stein H, et al. **Hamatol Bluttransfus** 1985;29:441–4

Lymphocyte and lymphoma receptors utilized in differentiation, in homing, and in lymphomagenesis. Weissman IL, et al. **Hamatol Bluttransfus** 1985;29:449–54

Methyltransferase and phospholipase A2 activity in membranes of neutrophils and lymphocytes from patients with bacterial and viral infections. Niwa Y, et al. **Inflammation** 1985 Mar;9(1):53–65

Appearance of basophilic cells/mast cells and IgE antibodies in liquid human cell cultures. Ahlstedt S, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):238–40

Reduced adenylate cyclase responsiveness to histamine in lymphocyte membranes of allergic asthmatic patients after allergen challenge. Meurs H, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):256–60

Aneuploidy of lymphocytes in familial polyposis coli. Bucci L, et al. **Ital J Surg Sci** 1984;14(3):201–5

Growth-inhibitory activity of lymphoid cell plasma membranes. I. Inhibition of lymphocyte and lymphoid tumor cell growth. Stallcup KC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1221–6

Growth-inhibitory activity of lymphoid cell plasma membranes. II. Partial characterization of the inhibitor. Stallcup KC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1227–34

The requirements for ionized calcium and magnesium in lymphocyte proliferation. Abboud CN, et al. **J Cell Physiol** 1985 Jan;122(1):64–72

Effects of temperature on aggregation and the mitogen-induced exit of lymphocytes from the resting state. Hall DJ, et al. **J Cell Physiol** 1984 Oct;121(1):206–14

Culture kinetics of glycolytic enzyme induction, glucose utilization, and thymidine incorporation of extended-exposure phytohemagglutinin-stimulated human lymphocytes. Tollefsbol TO, et al. **J Cell Physiol** 1985 Jan; 122(1):98–104

Intracellular fluorescent labelling of cells for analysis of lymphocyte migration. Brenan M, et al. **J Immunol Methods** 1984 Nov 16;74(1):31–8

Identification of live cells for flow cytometric analysis of lymphoid subset proliferation in low viability populations. Muirhead KA, et al. **J Immunol Methods** 1985 Feb 28; 77(1):77–86

Effects of different protein supplements on mitogen responses of human peripheral blood lymphocytes. Rumley RL, et al. **J Immunol Methods** 1984 Dec 31;75(2):339–49

Cell affinity of synthesized hydroxyapatite sintered ceramics—the effect exerted on the growth and colony-forming ability of L1210 cells. Takada N, et al. **J Nihon Univ Sch Dent** 1984 Sep;26(3):256–64

Electrostimulation of rat callus cells and human lymphocytes in vitro. Aro H, et al. **J Orthop Res** 1984;2(1):23–31

Morphology and distribution of 1,2-dimethylhydrazine dihydrochloride-induced colon tumors and their relationship to gut-associated lymphoid tissue in the rat. Nauss KM, et al. **JNCI** 1984 Oct;73(4):915–24

Myelo-lymphopoiesis in long-term bone marrow culture. Mergenthaler HG. **Klin Wochenschr** 1985 Apr 15; 63(8):337–43

In vitro approaches to lymphopoiesis, hemopoiesis, and oncogenesis. Schrader JW, et al. **KROC Found Ser** 1984; 18:293–307 (34 ref.)

Flow cytometric detection of lymphocyte alterations in Huntington's disease. Gollin SM, et al. **Life Sci** 1985 Feb 18;36(7):619–26

The differential inhibitory effect of lymphotoxin and immune interferon on normal and malignant lymphoid cells. Powell MB, et al. **Lymphokine Res** 1985 Winter;4(1):13–26

Decreased protein synthesis of transforming lymphocytes from aged humans: relationship to impaired mitogenesis with age. Tollefsbol TO, et al. **Mech Ageing Dev** 1985 Apr; 30(1):53–62

Mutation frequency in human lymphocytes increases with age. Trainor KJ, et al. **Mech Ageing Dev** 1984 Sep; 27(1):83–6

Separation of lymphocytes, granulocytes, and monocytes from human blood using iodinated density gradient media. Bøyum A. **Methods Enzymol** 1984;108:88–102

Rosetting techniques to detect cell surface markers on mouse and human lymphoreticular cells. Elliott BE, et al. **Methods Enzymol** 1984;108:49–64

Separation of cells by affinity chromatography on protein A gels. Ghetie V, et al. **Methods Enzymol** 1984;108:132–8

Cryopreservation of lymphoid cells. Gray JD, et al. **Methods Enzymol** 1984;108:363–7

Electrophoretic separation of lymphoid cells. Hansen E, et al. **Methods Enzymol** 1984;108:180–97

Separation of lymphoid cells using immunoadsorbent affinity chromatography. Hubbard RA, et al. **Methods Enzymol** 1984;108:139–48

Preparation of single-cell suspensions from lymphoid organs. Kleiman NJ, et al. **Methods Enzymol** 1984;108:43–9

Collection of mouse thoracic duct lymphocytes. Korngold R, et al. **Methods Enzymol** 1984;108:270–4

Separation of lymphoid cells on nylon wool columns. Litvin DA, et al. **Methods Enzymol** 1984;108:298–302

Separation of lymphocytes on antibody-coated plates. Mage MG. **Methods Enzymol** 1984;108:118–24

Use of Sephadex G-10 to separate macrophages and lymphocytes. Mishell RI, et al. **Methods Enzymol** 1984; 108:303–7

Fluorescence-activated cell sorting: theory, experimental optimization, and applications in lymphoid cell biology. Parks DR, et al. **Methods Enzymol** 1984;108:197–241

Fractionation of subpopulations of mouse and human lymphocytes by peanut agglutinin or soybean agglutinin. Reisner Y, et al. **Methods Enzymol** 1984;108:168–79

Analytical and preparative equilibrium density separation of lymphoid cells on albumin and metrizamide. Shortman K. **Methods Enzymol** 1984;108:102–17

Isolation of human mononuclear leukocyte subsets by countercurrent centrifugal elutriation. Stevenson HC. **Methods Enzymol** 1984;108:242–9

High frequencies of chromatid aberrations produced during

G2 in human lymphocytes by very low doses (0.025–0.4 Gy) of X-rays in combination with inhibitors of DNA synthesis. Andersson HC, et al. **Mutat Res** 1984 Sep; 141(1):45–8

Induction of sister-chromatid exchanges in cultured human lymphocytes by Aldicarb, a carbamate pesticide. Cid MG, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):175–9

Sister-chromatid exchanges and chromosomal aberrations in lymphocytes of male albino rats treated with an alkylating agent, apholate (NSC 26, 812; ENT 26, 316). Haqqi TM. **Mutat Res** 1984 Nov–Dec;141(3–4):175–81

Sister-chromatid exchanges in lymphocytes of smokers in an experimental study. Husgafvel-Pursiainen K, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):197–203

Chromosome aberrations in employees from fossil-fueled and nuclear-power plants. Léonard A, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):205–12

The human lymphocyte in vitro cytogenetic assay: positive and negative control observations on approximately 30000 cells. Richardson CR, et al. **Mutat Res** 1984 Sep; 141(1):59–64

Cytogenetic damage in workers exposed to ethylene oxide. Sarto F, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):185–95

Induction of sister-chromatid exchanges and chromosome aberrations in human peripheral lymphocytes by 2,4,7-trinitro-9-fluorenone. Tucker JD, et al. **Mutat Res** 1984 Nov–Dec;138(2–3):181–4

Distribution of lymphocyte subsets in normal human appendix. Morita H, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):72–80

Correlation between mean volume of lymphocytes and their nuclei and the number of lymphocytes in chronic lymphocytic leukaemia. Slubowski T, et al. **Nouv Rev Fr Hematol** 1984;26(5):325–7

A determination method of blast formation rate of lymphocytes using a blood cell counter. Tatsumi N, et al. **Osaka City Med J** 1984 Jun;30(1):69–78

Cell flow cytometry of fixed and unfixed bursal and thymic cells. Glick B, et al. **Poult Sci** 1985 Apr;64(4):737–43

Flow cytometric analysis of bursal, thymic, and splenic cells from normal and cyclophosphamide-treated embryos. Glick B, et al. **Poult Sci** 1985 Apr;64(4):723–31

Isolation and function of mucosal lymphocytes in the mouse. Dillon SB, et al. **Prog Clin Biol Res** 1985;181:381–5

Terminal differentiation of cord blood lymphocytes induced by thymosin fraction 5 and thymosin alpha 1. Ho AD, et al. **Scand J Immunol** 1985 Mar;21(3):221–5

Thrombin-induced aggregation of lymphocytes: non-enzymic induction by an hirudin-blocked thrombin exosite. Bizios R, et al. **Thromb Res** 1985 May 15; 38(4):425–31

Fluorescent and light microscopic analysis of peripheral blood leukocytes from human renal allograft recipients. Smith WJ, et al. **Transplant Proc** 1984 Dec;16(6):1546–7

Isolation of mononuclear cells from the peripheral blood of camels (Camelus dromedarius). Zweygarth E. **Zentralbl Veterinarmed** [B] 1984 Dec;31(10):786–9

[Use of the patient's own plasma in culturing peripheral blood lymphocytes] Feng GY. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):230–1 **(Chi)**

[Lymphocyte populations in bronchoalveolar lavage fluid in various interstitial lung diseases] Müller S, et al. **Z Erkr Atmungsorgane** 1984;163(2):140–5 (Eng. Abstr.) **(Ger)**

[Morphometric functional study of the small intestine in the aged subject. II. Morphometric study of lymphocyte infiltrates] Londei M, et al. **G Clin Med** 1984 Nov–Dec; 65(11–12):467–70 (Eng. Abstr.) **(Ita)**

[Binding of Salmonella minnesota R 345 (Rb) to human lymphocytes: useful method for enrichment of cells mediating antibody-dependent cytotoxic activity in the non-adherent fraction] Serlenga E, et al. **Recenti Prog Med** 1985 Jan;76(1):6–9 (Eng. Abstr.) **(Ita)**

[Study on peripheral blood mononuclear cell subpopulations in children. Part 1. Peripheral blood mononuclear cell subpopulations in healthy neonates, infants, young children and school children] Ogiwara A. **Arerugi** 1984 Jun; 33(6):336–43 (Eng. Abstr.) **(Jpn)**

[Peripheral blood cell counts and differential analysis in healthy women at 3 months postpartum. Increase in lymphocyte count and influence of lactation] Fujiyasu S, et al. **Rinsho Byori** 1984 Aug;32(8):909–12 **(Jpn)**

[Current concept of the reticulohistiocytic and lymphocytic systems] Mirancea N, et al. **Rev Med Interna [Med Interna]** 1984 Nov–Dec;36(6):521–8 (14 ref.) **(Rum)**

[Cultivation of bone marrow in a medium conditioned by lymphoid organ cells] Sidorenko AV. **Biull Eksp Biol Med** 1985 Jul;100(7):89–91 (Eng. Abstr.) **(Rus)**

[Numerical model of lymphocyte population in animals in normal state and in lymphocytic leukemia] Feofanova TV, et al. **Izv Akad Nauk SSSR [Biol]** 1985 May–Jun;(3):412–22 (Eng. Abstr.) **(Rus)**

[Duration of the mitotic cycle periods of lymphoid cells from the respiratory organs and the effect of the intranasal administration of gamma-globulin] Syrtsov VK. **Tsitol Genet** 1984 Nov–Dec;18(6):412–6 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Per- and postoperative monocyte and lymphocyte functions: effects of combined epidural and general anaesthesia. Hole A. **Acta Anaesthesiol Scand** 1984 Aug;28(4):367–71

Ethanol dependent interaction between prostaglandins and lipoxygenase products in human peripheral lymphocytes. Lanefelt F, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Feb;56(2):149–53

Effects of the H2-receptor agonist dimaprit on lymphocyte responsiveness in vitro. Binderup L. **Agents Actions** 1984 Oct;15(3–4):119–24

Pharmacological studies on lymphocytes: 2. Effects of indole derivatives and their antagonists on the lymphocyte migration. Paegelow I, et al. **Agents Actions** 1984 Oct; 15(3–4):361–6

Captopril enhances in vitro human lymphocyte thymidine incorporation. Simon MR, et al. **Agents Actions** 1984 Dec; 15(5–6):525–8

Effect of hydrocortisone on circulating lymphocyte numbers and their mitogen-induced blastogenesis in lambs. Collins MT, et al. **Am J Vet Res** 1985 Apr;46(4):836–40

Alterations in splenic lymphocyte subpopulations and increased mortality from sepsis following anesthesia in mice. Hansbrough JF, et al. **Anesthesiology** 1985 Sep; 63(3):267–73

Copolymer I: effect on normal human lymphocytes. Brosnan CF, et al. **Ann NY Acad Sci** 1984;436:498–9

Reduction of peripheral blood lymphocytes in patients receiving gold therapy for rheumatoid arthritis. Hanly JG, et al. **Ann Rheum Dis** 1985 May;44(5):299–301

Methotrexate-leucovorin synchronization of human lymphocyte cultures. Induction of high resolution R- and G-banding. Rønne M, et al. **Anticancer Res** 1984 Nov–Dec; 4(6):357–60

Differential stimulation of lymphocyte cell growth in vitro by cephalosporins. Leyhausen G, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):752–6

Inhibition of mitogen-induced blastogenesis in human lymphocytes by T-2 toxin and its metabolites. Forsell JH, et al. **Appl Environ Microbiol** 1985 Jun;49(6):1523–6

Neuropathy target esterase in human lymphocytes. Bertoncin D, et al. **Arch Environ Health** 1985 May–Jun;40(3):139–44

Effects of ethyl alcohol on human peripheral lymphocytes. Glassman AB, et al. **Arch Pathol Lab Med** 1985 Jun; 109(6):540–2

Stimulatory and cytotoxic effects of beryllium on proliferation of mouse spleen lymphocytes in vitro. Price RJ, et al. **Arch Toxicol** 1985 Jan;56(3):207–11

Cytogenetic effects of psychotropic drug haloperidol on human lymphocytes. Ahuja YR, et al. **Arzneimittelforsch** 1984;34(6):699–701

The in vitro response of turkey lymphocytes to steroid hormones. Redig PT, et al. **Avian Dis** 1985 Apr–Jun; 29(2):373–83

Elimination of cyclophosphamide-induced SCE in lymphocytes of rats with time post-treatment. Basler A. **Basic Life Sci** 1984;29 Pt B:595–8

Development of rodent peripheral blood lymphocyte culture systems to detect cytogenetic damage in vivo. Kligerman AD, et al. **Basic Life Sci** 1984;29 Pt B:569–84

Accumulation of SCEs in lymphocytes during chronic ingestion of a mutagen. McFee AF, et al. **Basic Life Sci** 1984;29 Pt B:585–94

Sensitivities of peripheral lymphocytes from healthy humans and cancer patients to induction of sister chromatid exchanges by genotoxicants. Oikawa A, et al. **Basic Life Sci** 1984;29 Pt B:813–23

Genotoxicity of antiamebic, anthelmintic, and antimycotic drugs in human lymphocytes. Ostrosky-Wegman P, et al. **Basic Life Sci** 1984;29 Pt B:915–25

The effect of erythrocytes and hemoglobin on sister chromatid exchange induction in cultured human lymphocytes exposed to aniline HC1. Wilmer JL, et al. **Basic Life Sci** 1984;29 Pt B:561–7

A tumor promoter enhances the phosphorylation of polyphosphoinositides while decreasing phosphatidylinositol labelling in lymphocytes. Boon AM, et al. **Biochem Biophys Res Commun** 1985 Jun 14; 129(2):431–8

Phorbol ester effect in platelets, lymphocytes, and leukemic cells (HL-60) is associated with enhanced phosphorylation of class I HLA antigens. Coprecipitation of myosin light chain. Feuerstein N, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):206–13

Teleocidin and phorbol ester tumor promoters exert similar mitogenic effects on human lymphocytes. Isakov N, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):724–31

Induction of DNA single- and double-strand breaks by diethylstilbestrol in murine L5178Y lymphoblasts in vitro. Goldenberg GJ, et al. **Biochem Pharmacol** 1985 Mar 15; 34(6):771–6

Taurine protection of lymphoblastoid cells from iron-ascorbate induced damage. Pasantes-Morales H, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2205–7

Activity of azelaic acid on cultures of lymphoma- and leukemia-derived cell lines, normal resting and stimulated lymphocytes and 3T3 fibroblasts. Picardo M, et al. **Biochem Pharmacol** 1985 May 15;34(10):1653–8

Interaction of T-2 toxin and murine lymphocytes and the demonstration of a threshold effect on macromolecular synthesis. Gyongyossy-Issa MI, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):167–73

Impairment to viability of neutrophils and lymphocytes by angular psoralens and UV-radiation. Walther T, et al. **Biomed Biochim Acta** 1985;44(2):329–33

An in vitro lymphocytotoxicity assay for studying adverse reactions to sulphonamides. Shear NH, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:112–3

alpha-Adrenoceptor stimulated lymphocytes trigger the mechanical response of vas deferens: participation of arachidonic acid metabolites. Borda ES, et al. **Br J Pharmacol** 1984 Aug;82(4):863–70

Lymphokine-activated killer (LAK) cells. Analysis of factors relevant to the immunotherapy of human cancer. Rayner AA, et al. **Cancer** 1985 Mar 15;55(6):1327–33

Differential mutagen susceptibility in cultured lymphocytes of normal individuals and cancer patients. Hsu TC, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):307–13

In vitro functions of lymphocytes during high-dose medroxyprogesterone acetate (MPA) treatment. Grönroos M, et al. **Cancer Immunol Immunother** 1984;17(3):218–20

Long-term persistence of ethyl carbamate-induced sister chromatid exchanges in murine lymphocytes. Neft RE, et al. **Cancer Res** 1985 Sep;45(9):4115–21

Specific stimulation by phorbol esters of the phosphorylation of histones H2B and H4 in murine lymphocytes. Patskan GJ, et al. **Cancer Res** 1985 Feb;45(2):667–72

Metabolism and selective cytotoxicity of 9-beta-D-arabinofuranosylguanine in human lymphoblasts. Shewach DS, et al. **Cancer Res** 1985 Mar;45(3):1008–14

N-Methyl-N-nitrosourea potentiation of cytogenetic damage induced by 1,3-bis(2-chloroethyl)-1-nitrosourea in normal human lymphocytes. Wiencke JK, et al. **Cancer Res** 1985 Oct;45(10):4798–803

The cytotoxic and mutagenic effects of alkylating agents on human lymphoid cells are caused by different DNA lesions. Karran P, et al. **Carcinogenesis** 1985 May;6(5):789–92

Induction of natural killer cell activity of thoracic duct lymphocytes by polyinosinic-polycytidylic acid (poly(I:C)) or interferon. Fresa KL, et al. **Cell Immunol** 1985 Apr 1; 91(2):336–43

The human lymphokine-activated killer cell system. V. Purified recombinant interleukin 2 activates cytotoxic lymphocytes which lyse both natural killer-resistant autologous and allogeneic tumors and trinitrophenyl-modified autologous peripheral blood lymphocytes. Grimm EA, et al. **Cell Immunol** 1985 Sep; 94(2):568–78

Inhibition of proliferation without affecting the generation of cytotoxicity in the human mixed lymphocyte reaction. Hengst JC, et al. **Cell Immunol** 1985 Feb;90(2):281–94

Interleukin-2 apparently upregulates its receptor and induces proliferation of various resting mononuclear leukocytes in the absence of antigen. Williams JM, et al. **Cell Immunol** 1985 Sep;94(2):383–93

Comparative study of 3 aminoglycoside antibiotics and aztreonam on M.I.F. production by splenic lymphocytes of mice in vitro. Said HE, et al. **Chemioterapia** 1984 Aug; 3(4):232–4

Cytogenetic study on the peripheral lymphocytes of patients with trophoblastic tumors following chemotherapy. Bian ML, et al. **Chin Med J [Engl]** 1984 Jul;97(7):479–82

The effect of G2-treatments with 2'-deoxyadenosine on the frequency of chromatid aberrations in human lymphocytes depends on the type of culture. Kihlman BA, et al. **Chromosoma** 1984;90(4):239–42

A twin study of sister chromatid exchanges in human lymphocytes following carcinogen exposure and DNA repair incubation. Hedner K, et al. **Cytogenet Cell Genet** 1984;38(3):189–91

2' Deoxycoformycin and human hemopoietic cells in culture. Jurjus AR, et al. **Dev Comp Immunol** 1984 Fall;8(4):931–7

Glucocorticoid inhibition of urokinase-like plasminogen activators in cultured human lymphoblasts. Littlefield BA, et al. **Endocrinology** 1985 Sep;117(3):1100–9

Genotoxicity studies of rodents exposed to coal dust and diesel emission particulates. Ong T, et al. **Environ Res** 1985 Aug;37(2):399–409

Ultrastructural studies on human lymphoblastoid cells treated with n-butyrate and 12-O-tetradecanoylphorbol-13-acetate. Asai S, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1533–42

Cyclosporin A inhibits antigen- and lectin-induced but not constitutive production of interleukin 3. Palacios R. **Eur J Immunol** 1985 Feb;15(2):204–6

Similar sensitivity of human lymphoblast cells proficient or deficient in nucleotide biosynthesis to the cytotoxic and cell cycle effects of 3-aminobenzamide. Schwartz JL, et al. **Exp Cell Res** 1985 Mar;157(1):271–5

Effect of lonidamine on the aerobic glycolysis of normal and phytohemagglutinin-stimulated human peripheral blood lymphocytes. Nista A, et al. **Exp Mol Pathol** 1985 Apr; 42(2):194–205

Immunomodulatory action of ampicillin. Skopińska-Różewska E, et al. **Folia Biol (Praha)** 1985; 31(3):200–12

Lymphocytic recovery after experimental suppression of haemopoiesis in the rat. Berger J. **Folia Haematol (Leipz)** 1984;111(5):599–603

The in vitro cytotoxic effect of bilirubin on human lymphocytes and granulocytes. Miler I, et al. **Folia Microbiol (Praha)** 1985;30(3):272–6

Isolation of intestinal mononuclear cells: factors released which affect lymphocyte viability and function. Gibson PR,

et al. **Gut** 1985 Jan;26(1):60-8
Inorganic lead exposure does not effect lymphocyte micronuclei in car radiator repair workers. Hoffmann M, et al. **Hereditas** 1984;101(2):223-6
Spontaneous 6-thioguanine-resistant lymphocytes in Fanconi anemia patients and their heterozygous parents. Vijayalaxmi, et al. **Hum Genet** 1985;70(3):264-70
Combined and individual effects of isoniazid and thiacetazone on human lymphocyte chromosomes in vitro and in vivo [letter] Goulding R. **Hum Toxicol** 1985 Mar;4(2):221-3
Effect of chronic anticonvulsant monotherapy on lymphocyte subpopulations in adult epileptic patients. Marcoli M, et al. **Hum Toxicol** 1985 Mar;4(2):147-57
Effects of retinoids on human lymphocyte functions in vitro. Moriguchi S, et al. **Hum Toxicol** 1985 Jul;4(4):365-78
Effect of lidocaine on the function of immunocompetent cells. II. Chronic in vivo exposure and its effects on mouse lymphocyte activation and expression of immunity. Dickstein R, et al. **Immunopharmacology** 1985 Jun; 9(3):127-39
Effects of lidocaine on the function of immunocompetent cells. I. In vitro exposure of mouse spleen lymphocytes and peritoneal macrophages. Dickstein R, et al. **Immunopharmacology** 1985 Jun;9(3):117-25
Effects of thiabendazole on dexamethasone-induced suppression of lymphocyte and neutrophil function in cattle. Kaeberle ML, et al. **Immunopharmacology** 1984 Dec; 8(3-4):129-36
Ammonia toxicity for mammalian and avian lymphocytes from blood. Klucinski W, et al. **Immunopharmacology** 1984 Aug;8(1):47-52
The effect of desferrioxamine on the proliferative response of rat lymphocytes stimulated with various mitogens in vitro. Soyano A, et al. **Immunopharmacology** 1984 Dec; 8(3-4):163-9
Use of cyclosporin A in establishing Epstein-Barr virus-transformed human lymphoblastoid cell lines. Anderson MA, et al. **In Vitro** 1984 Nov;20(11):856-8
Influence of levamisole on lymphocytes and M. leprae in mice. Ganguly NK, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):27-36
Effect of liposomal amphotericin B on murine macrophages and lymphocytes. Mehta RT, et al. **Infect Immun** 1985 Feb; 47(2):429-33
Lymphocyte sub-population counts after a single 40 mg administration of piroxicam in 20 patients with rheumatoid arthritis. A placebo-controlled study. Veys EM, et al. **Inflammation** 1984 Jun;8 Suppl:S115-22
Effects of serum amyloid P component on human lymphocytes. Levo Y, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):322-5
Regulatory effect of hydrocortisone on the in vitro synthesis of IgE by human lymphocytes. Levo Y, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):413-5
Stimulating effect of gold trichloride on DNA synthesis of human lymphoid cells. Nordlind K. **Int Arch Allergy Appl Immunol** 1985;77(4):459-60
HLA and lymphocyte histamine sensitivity in mastocytosis. Olafsson JH, et al. **Int Arch Allergy Appl Immunol** 1985; 77(4):430-2
Inhibition of lymphocyte function by a naturally occurring nucleoside: 5'-methylthioadenosine (MTA). Di Padova F, et al. **Int J Immunopharmacol** 1985;7(2):193-8
Immunomodulating activities of ethylene-2,2'-bis(dithio)bis(ethanol) and related compounds. Effects on murine lymphocyte proliferation and functions in vitro. Hiestand PC, et al. **Int J Immunopharmacol** 1985;7(1):129-40
Increase of natural killer (NK) activity of mouse lymphocytes following in vitro treatment with cytosine-arabinoside. Migliorati G, et al. **Int J Immunopharmacol** 1984; 6(5):433-43
Differential inhibition of lymphocyte function by 2-chloroadenosine. Nishida Y, et al. **Int J Immunopharmacol** 1984;6(4):335-8
In vivo effects of an acute nonimmunological inflammation in rats on the lymphoproliferative response to mitogens. Sheng YJ, et al. **Int J Immunopharmacol** 1984;6(6):563-7
Down-regulation and recycling of insulin receptors. Effect of monensin on IM-9 lymphocytes and U-937 monocyte-like cells. Carpentier JL, et al. **J Biol Chem** 1984 Nov 25;259(22):14190-5
Induction and characterization of lymphotoxins from tumor promoter-synergized, lectin-stimulated human lymphocytes in vitro. Klostergaard J, et al. **J Biol Response Mod** 1985 Apr;4(2):195-209
The effect of altered prednisolone kinetics in patients with the nephrotic syndrome and in women taking oral contraceptive steroids on human mixed lymphocyte cultures. Frey BM, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):361-9
Modulation of T- and B-lymphocyte functions by isoprinosine in homosexual subjects with prodromata and in patients with acquired immune deficiency syndrome (AIDS). Tsang PH, et al. **J Clin Immunol** 1984 Nov; 4(6):469-78
Induction of the insulin proreceptor by hydrocortisone in cultured lymphocytes (IM-9 line). Rouiller DG, et al. **J Clin Invest** 1985 Aug;76(2):645-9
Mechanism of deoxyadenosine and 2-chlorodeoxyadenosine toxicity to nondividing human lymphocytes. Seto S, et al. **J Clin Invest** 1985 Feb;75(2):377-83
Effect of estrogens on human blood lymphocyte subpopulations in vitro. Baral E, et al. **J Clin Lab Immunol** 1984 Dec;15(4):195-7
Immunomodulatory effects of mineral dust. I. Effects of intraperitoneal dust inoculation on splenic lymphocyte function and humoral immune responses in vivo. Hannant D, et al. **J Clin Lab Immunol** 1985 Feb;16(2):81-5
Pharmacokinetics and pharmacodynamics of three different prednisolone prodrugs: effect on circulating lymphocyte subsets and function. Frey BM, et al. **J Immunol** 1984 Nov; 133(5):2479-87
Lymphocyte changes during chronic administration of and withdrawal from corticosteroids: relation to Pneumocystis carinii pneumonia. Walzer PD, et al. **J Immunol** 1984 Nov; 133(5):2502-8
Effects of cytochalasins on lymphocytes: some distinctive features of cytochalasin-E. Mookerjee BK, et al. **J Immunopharmacol** 1984;6(3):185-203
The effects of the antirheumatic agents N-(2-carboxyphenyl)-4-chloroanthranilic acid disodium (CCA) and D-penicillamine on the NK and ADCC activities and interferon production of lymphocytes. Ohara M, et al. **J Immunopharmacol** 1984;6(3):163-72
Effects of pyrethroids on lymphocyte membrane lipid packing order. Stelzer KJ, et al. **J Immunopharmacol** 1984; 6(4):389-410
Effects of interferon alpha on the sheep erythrocyte 'receptor' of human lymphocytes. Fuhlbrigge RC, et al. **J Interferon Res** 1984 Fall;4(4):499-505
Effects of L-glutamate on viabilities of cultured diploid skin fibroblasts and lymphocytes. Increased toxicity not observed in Huntington's disease. Stahl WL, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):183-91
Effect of unlabeled indium oxine and indium tropolone on the function of isolated human lymphocytes. Signore A, et al. **J Nucl Med** 1985 Jun;26(6):612-5
Protective effect of taurine, zinc and tocopherol on retinol-induced damage in human lymphoblastoid cells. Pasantes-Morales H, et al. **J Nutr** 1984 Dec; 114(12):2256-61
Sulfinpyrazone increases the number of beta-adrenoceptors on intact human lymphocytes. de Blasi A, et al. **J Pharm Pharmacol** 1984 Sep;36(9):630-2
The promotion of mitosis in cultured thymic lymphocytes by acetylcholine and catecholamines. Morgan JI, et al. **J Pharm Pharmacol** 1984 Aug;36(8):511-5
The suppressive effect of progesterone on lymphocyte cytotoxicity: unique progesterone sensitivity of pregnancy lymphocytes. Szekeres-Bartho J, et al. **J Reprod Immunol** 1985 Feb;7(2):121-8
Thymus lymphocytes in rats during induction of bladder tumors and effects of thymosin fraction 5 in vitro. Wada S, et al. **JNCI** 1985 Mar;74(3):659-64
The effect of cimetidine on natural killer activity of peripheral blood lymphocytes of patients with ovarian carcinoma. Kikuchi Y, et al. **Jpn J Clin Oncol** 1985 Jun; 15(2):377-83
Sister chromatid exchanges induced in human lymphocytes by cis-diamminedichloroplatinum (II). Tominaga K, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):659-65
Unusual reactivity of lymphocytes from patients with ankylosing spondylitis to mitogen derived from Mycoplasma arthritidis [letter] Seitz M, et al. **Lancet** 1984 Nov 3;2(8410):1035-6
Phorbol ester-induced loss of colchicine ultrasensitivity in chronic lymphocytic leukaemia lymphocytes. O'Connor TW. **Leuk Res** 1985;9(7):885-95
Enhancement of mitogen response and surface marker analysis of lymphocytes from young and old donors after preliminary incubation in vitro. O'Leary JJ, et al. **Mech Ageing Dev** 1985 Mar;29(3):239-53
Mutagenic potential of anticonvulsant diphyenylhydantoin (DPH) on human lymphocytes in vitro. Maurya AK, et al. **Methods Find Exp Clin Pharmacol** 1985 Mar;7(3):109-12
Role of anions in the lymphocytolytic action of corticosteroids and fatty acids. Burton AF, et al. **Mol Cell Biochem** 1984 Sep;63(2):125-9
Sister chromatid exchanges induced by sarcolysine in human lymphocytes in vitro. Moraru I, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):5-7
Mutagenicity of methyl 2-benzimidazolecarbamate, diethylstilbestrol and estradiol: structural chromosomal aberrations, sister-chromatid exchanges, C-mitoses, polyploidies and micronuclei. Banduhn N, et al. **Mutat Res** 1985 Jun;156(3):199-218
Chromosome analysis of lymphocytes from workers at an ethylene oxide plant. Clare MG, et al. **Mutat Res** 1985 Apr-May;156(1-2):109-16
Mutagenicity of 1,2-dichloroethane and 1,2-dibromoethane in two human lymphoblastoid cell lines. Crespi CL, et al. **Mutat Res** 1985 Mar;142(3):133-40
Assessment of the genotoxic effects of methyl chloride in human lymphoblasts. Fostel J, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):75-81
In vitro and occupational induction of sister-chromatid exchanges in human lymphocytes with furfuryl alcohol and furfural. Gomez-Arroyo S, et al. **Mutat Res** 1985 Jun; 156(3):233-8
The size of micronuclei in human lymphocytes varies according to inducing agent used. Högstedt B, et al. **Mutat Res** 1985 Jun;156(3):229-32
Induction of sister-chromatid exchanges by N-nitrosocimetidine in cultured human lymphocytes and its inhibition by chemical compounds. Inoue K, et al. **Mutat Res** 1985 Apr-May;156(1-2):117-21
A study of the frequency of sister-chromatid exchange and of thioguanine-resistant cells in mouse spleen lymphocytes after in vivo exposure to ethylnitrosourea. Jones IM, et al. **Mutat Res** 1985 Aug;143(4):245-9
Synergistic enhancement of the frequency of chromatid aberrations in cultured human lymphocytes by combinations of inhibitors of DNA repair. Kihlman BA, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):313-25
Differences in the induction of SCEs between human whole blood cultures and purified lymphocyte cultures and the effect of an S9 mix. Mehnert K, et al. **Mutat Res** 1984 Dec;130(6):403-10
Synergistic induction of sister-chromatid exchanges in lymphocytes from normal subjects and from patients under cytostatic therapy by inhibitors of poly(ADP-ribose)polymerase and antitumour agents. Mourelatos D, et al. **Mutat Res** 1985 Aug;143(4):225-30
The ability of bifunctional and monofunctional pyrrole compounds to induce sister-chromatid exchange (SCE) in human lymphocytes and mutations in Salmonella typhimurium. Ord MJ, et al. **Mutat Res** 1985 May; 149(3):485-93
Effects of pre-treatment with sodium butyrate on the frequencies of X-ray-induced chromosomal aberrations in human peripheral blood lymphocytes. Sankaranarayanan K, et al. **Mutat Res** 1985 Sep;151(2):269-74
Some observations on the localization of mitomycin C-induced aberrations in human lymphocytes. Savage JR, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):307-12
Human lymphocytes assay: cyclophosphamide metabolic activation by S9 system with low cytotoxicity. Sbrana I, et al. **Mutat Res** 1984 Dec;130(6):411-6
Comparative in vitro cytogenetic studies in mercury-exposed human lymphocytes. Verschaeve L, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):221-6
Induction of 6-thioguanine-resistant mutants and SCEs by 3 chemical mutagens (EMS, ENU and MMC) in cultured human blood lymphocytes. Vijayalaxmi, et al. **Mutat Res** 1984 Nov;129(2):283-9
Effects of psoralens plus ultraviolet radiation on human lymphoid cells in vitro. Kraemer KH, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:221-3
Mitogens trigger a calcium-independent signal for proliferation in phorbol-ester-treated lymphocytes. Gelfand EW, et al. **Nature** 1985 May 30-Jun 5; 315(6018):419-20
Giant cell formation in cultured L5178Y lymphoblasts induced by hydroxyurea treatment. Golos B, et al. **Neoplasma** 1985;32(3):351-6
Opposing effects of the polycation hexadimethrine (polybrene) on normal and leukemic lymphocytes. Patt LM, et al. **Pharmacology** 1985;30(2):109-14
On the effect of the new progestagen dienogest (STS 557) on the proliferative responses of rabbit blood lymphocytes to mitogens. Bräuer R, et al. **Pharmazie** 1984 Aug; 39(8):580-1
Modulation of lymphocyte deformability by concanavalin A. Elson EL, et al. **Prog Clin Biol Res** 1984;164:365-76
Prostaglandins act synergistically with antitumour agents on induction of sister chromatid exchanges in human lymphocytes. Dozi-Vassiliades J, et al. **Prostaglandins Leukotrienes Med** 1985 Jan;17(1):55-9
Lipoxygenase specific inhibitors inhibit murine lymphocyte reactivity to Con A by reducing IL-2 production and its action. Kato K, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):39-52
EHNA is a poor inhibitor of deoxyadenosine catabolism in cultured human lymphocytes. Goday A, et al. **Rev Esp Fisiol** 1985 Mar;41(1):49-54
A comparison of the effects of tobramycin and netilmycin on the functions of human polymorphonuclear leucocytes and lymphocytes in vitro and in vivo. Anderson R, et al. **S Afr Med J** 1985 Jun 22;67(25):1007-9
Effect of bestatin on in vitro responses of murine lymphocytes to T-cell stimuli. Dunlap BE, et al. **Scand J Immunol** 1984 Sep;20(3):237-45
In vitro influence of thymopentin on proliferative responses and phytohemagglutinin-induced interleukin 2 production in normal human lymphocyte cultures. Duchateau J, et al. **Surv Immunol Res** 1985;4 Suppl 1:116-24
Effect of histamine-receptor blocking on human natural and lectin-dependent cell-mediated cytotoxicity against adherent HEP-2 cells. Perl A, et al. **Thymus** 1985; 7(2):111-8
Sister-chromatid exchanges and chromosome aberrations in lymphocytes from monkeys exposed to ethylene oxide and propylene oxide by inhalation. Lynch DW, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):85-95
Evidence that indomethacin inhibits lymphocyte-induced angiogenesis. Davel LE, et al. **Transplantation** 1985 May; 39(5):564-5
[Effect of Erysipelothrix rhusiopathiae neuraminidase on the lymphocyte function in the rat] Kenarova B, et al. **Eksp Med Morfol** 1984;23(4):182-5 (Bul)
[Effects of dexamethasone on the depression of lymphocyte immune response in the experimental rats with transplanted glioma] Huang Q. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):244-6 (Eng. Abstr.) (Chi)
[Effect of benzene on lymphocyte rosette formation in vitro

and in vivo] Schwartze G, et al. **Z Gesamte Hyg** 1985 Mar;31(3):171-3 (Eng. Abstr.) **(Ger)**

[Methodologic aspects of an in vitro model of photosensitization] Rytter M, et al. **Z Med Lab Diagn** 1984;25(7):392-6 (Eng. Abstr.) **(Ger)**

[Effect of x-rays on the intracellular transport of thymidine in human lymphocytes stimulated by phytohemagglutinins] Catena C, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1489-95 (Eng. Abstr.) **(Ita)**

[Sister chromatid exchanges induced in human lymphocyte chromosomes by trifluralin, atrazine and simazine] Ghiazza G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2149-53 (Eng. Abstr.) **(Ita)**

[Evaluation of the effect of cloxacillin on human lymphocyte chromosomes through the study of karyotypic changes and sister chromatid exchanges] Zavarise G, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2143-8 (Eng. Abstr.) **(Ita)**

[Research on the response of lymphocytes from aged subjects to alpha-thymosin and hydrocortisone in in vitro cultures] Colombo M, et al. **Riv Emoter Immunoematol** 1984;31(2):156-64 (Eng. Abstr.) **(Ita)**

[Immunosuppressive effects of 1 alpha, 25(OH)2D3 on human lymphocytes and monocytes/macrophages. 1. Suppression of PHA-blastogenesis and IL1 and IL2 production] Iho S, et al. **Arerugi** 1985 Apr;34(4):252-62 (Eng. Abstr.) **(Jpn)**

[Influence of lymphocyte chalone on normal human lymphocytes and malignant cells] Fukuda K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):756-62 (Eng. Abstr.) **(Jpn)**

[Chromosome aberrations in human cultured lymphocytes induced by neocarzinostatin] Tsuda S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1190-3 (Eng. Abstr.) **(Jpn)**

[Effect of calmodulin blockers on membrane potential, potassium permeability and lymphocyte mitogenesis] Cukovskaia AS, et al. **Biokhimiia** 1985 May;50(5):786-94 (Eng. Abstr.) **(Rus)**

[Effect of thrombin on macrophage and lymphocyte functional activity] Kuznik BI, et al. **Biull Eksp Biol Med** 1985 May;99(5):597-8 (Eng. Abstr.) **(Rus)**

[Effect high-altitude conditions on the antitumor activity of cyclophosphane and its action on lymphoid tissue cells] Kulish OP. **Eksp Onkol** 1985;7(3):60-3 (Eng. Abstr.) **(Rus)**

[Effect of cyclophosphane, chlorbutin and degranol on protein biosynthesis in the lymphocytes of donors and chronic lympholeukemia patients in vitro] Morozova EO. **Eksp Onkol** 1985;7(1):52-5 (Eng. Abstr.) **(Rus)**

[Use of the human lymphoid Raji-line cell culture in tests of the toxicity of perfluorocarbon emulsions and their separate components] Arkhipov VV, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):117-20 (Eng. Abstr.) **(Rus)**

[Sensitivity of the lymphocyte chromosomes of chronic alcoholism patients to mutagenic exposure] Seleznev IuV, et al. **Genetika** 1985 Apr;21(4):676-9 (Eng. Abstr.) **(Rus)**

[Induction of chromosome aberrations in human lymphocytes by cyclophosphamide action in vivo and in vitro] Stukalov SV, et al. **Genetika** 1985 Apr;21(4):664-9 (Eng. Abstr.) **(Rus)**

[Effect of cell respiration inhibitors on the formation of structural mutations in human lymphocytes irradiated at different stages of the mitotic cycle] Luchnik NV, et al. **Genetika (Moskva)** 1985 Feb;21(2):252-61 (Eng. Abstr.) **(Rus)**

[Chromatin degradation during the exposure of thymus lymphocytes in vitro to differentiation inducers and gamma irradiation] Soldatenkov VA, et al. **Radiobiologiia** 1985 May-Jun;25(3):300-3 (Eng. Abstr.) **(Rus)**

[Mutagenic action of 5 prospective pesticides on mouse bone marrow, in a culture of human peripheral blood lymphocytes and on saccharomycete yeasts] L'vova TS. **Tsitol Genet** 1984 Nov-Dec;18(6):455-7 (Eng. Abstr.) **(Rus)**

[Incidence of chromosome aberrations in hothouse workers and the in vitro sensitivity of their lymphocytes to the cytogenetic action of dimatif] Pilinskaia MA. **Tsitol Genet** 1985 Mar-Apr;19(2):124-8 (Eng. Abstr.) **(Rus)**

[Use of a culture of human peripheral blood lymphocytes for determining the mutagenic activity of urine] Pilinskaia MA. **Tsitol Genet** 1985 May-Jun;19(3):183-7 (Eng. Abstr.) **(Rus)**

[Reparative DNA synthesis in the lymphocytes of persons coming in contact with chromium compounds in industry] Rudnykh AA, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):66-7 (Eng. Abstr.) **(Rus)**

[Effect of PHA on lymphocyte respiratory activity in mice] Tsutsaeva AA, et al. **Tsitol Genet** 1985 Jan-Feb;19(1):9-13 (Eng. Abstr.) **(Rus)**

[Repair of DNA damaged by methylmethane sulfonate in normal human lymphocytes and in xeroderma pigmentosum] Genter EI, et al. **Tsitologiia** 1985 May;27(5):587-91 (Eng. Abstr.) **(Rus)**

[Growth of lymphoid cell cultures of the Raji line in a medium containing low-molecular serum components] Kruman II, et al. **Tsitologiia** 1985 Jan;27(1):99-103 (Eng. Abstr.) **(Rus)**

[Effect of cocultivation and addition of normal plasma on the response to mitomycin C in Fanconi's anemia lymphocytes] Carnevale A, et al. **Rev Invest Clin** 1985 Jan-Mar;37(1):31-4 (Eng. Abstr.) **(Spa)**

[Use of a test exposing lymphocytes to mitomycin C in the diagnosis of Fanconi's anemia] Frías S, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):219-24 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Membrane-bound 2',3',-cyclic nucleotide 3'-phosphohydrolase activity of lymphocytes, granulocytes and erythrocytes in multiple sclerosis. Rastogi SC, et al. **Acta Neurol Scand** 1985 Apr;71(4):303-8

alpha-L-Fucosidase activity and isoenzyme characteristics analyzed by chromatofocusing in normal and leukemic lymphocytes. Orlacchio A, et al. **Anticancer Res** 1984 Nov-Dec;4(6):431-4

Phospholipid transmethylation in the membrane of human neutrophils and lymphocytes. Niwa Y, et al. **Arch Biochem Biophys** 1984 Oct;234(1):7-14

Genetically mediated induction of aryl hydrocarbon hydroxylase activity in human lymphoblastoid cells by polychlorinated dibenzofuran isomers and 2,3,7,8-tetrachlorodibenzo-p-dioxin. Nagayama J, et al. **Arch Toxicol** 1985 Feb;56(4):230-5

Enzymatic deficiencies of the immune system cells in patients with cancer of the larynx and other malignancies. Gierek T, et al. **Auris Nasus Larynx** 1985;12(1):47-51

Phospholipase A2 activity in rat and human lymphocytes. Jacqueline E, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):719-27

Higher tyrosine protein kinase activity in resting lymphocytes than in proliferating normal or leukaemic blood cells. Piga A, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):766-73

Topoisomerase-II activity in human leukemic and lymphoblastoid cells. Priel E, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):325-32

A lymphocyte cell line that makes serum cholinesterase instead of acetylcholinesterase. Rubinstein HM, et al. **Biochem Genet** 1984 Dec;22(11-12):1171-5

Properties and activities of aminopeptidases in normal and mitogen-stimulated human lymphocytes. Kohno H, et al. **Biochem J** 1985 Feb 15;226(1):59-65

Nucleotidase activities of human peripheral lymphocytes. Burgess FW, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3061-70

Selective inhibition by NPT 15392 of lymphocyte cyclic GMP phosphodiesterase. Coffey RG, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3411-7

Analysis of the effects of fatty acids and related compounds on the synthesis of phosphatidylcholine in lymphocytes. Whitlon DS, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):369-77

The heterogeneity of 5'-nucleotidase activity in lymphoblasts of acute lymphoblastic leukemia, demonstrated by an improved cytochemical method. Pangalis GA, et al. **Biomed Pharmacother** 1984,38(9-10):444-8

Decreased ecto-5'nucleotidase activity of peripheral blood lymphocytes in human monoclonal gammopathies: correlation with tumor cell kinetics. Massaia M, et al. **Blood** 1985 Mar;65(3):530-4

Distribution and reproducibility of aryl hydrocarbon hydroxylase inducibility in a prospective population study of middle-aged male smokers and nonsmokers. Trell L, et al. **Cancer** 1985 Oct 15;56(8):1988-94

Thymidylate synthetase of human lymphocytes augmented in vitro by methotrexate. Haurani FI, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):29-33

Evidence of abnormality of lymphocyte uroporphyrinogen synthase in family members of patients with lymphoproliferative diseases. Lahav M, et al. **Cancer Lett** 1985 Jan;25(3):305-10

Inhibition of DNA ligase from human thymocytes and normal or leukemic lymphocytes by antileukemic drugs. David JC, et al. **Cancer Res** 1985 May;45(5):2177-83

Comparison of the morphology and enzyme activity of mononuclear cells from Fischer 344 rats with either spontaneous or transplanted leukemia. Dieter MP, et al. **Cancer Res** 1985 Sep;45(9):4301-7

Effects of mitogenic stimulation of lymphocytes on lysosomal enzyme activity. Olsen I, et al. **Cell Biochem Funct** 1983 Jul;1(2):103-8

Enzyme analysis and subcellular fractionation of human peripheral blood lymphocytes with special reference to the localization of putative plasma membrane enzymes. Shah T, et al. **Cell Biochem Funct** 1983 Jul;1(2):117-24

Antigenic phenotype of TdT-positive cells in human peripheral blood. Bradstock KF, et al. **Cell Immunol** 1985 Feb;90(2):590-8

Arachidonic acid metabolism in murine leishmaniasis (Donovani): ex-vivo evidence for increased cyclooxygenase and 5-lipoxygenase activity in spleen cells. Reiner NE, et al. **Cell Immunol** 1984 Oct 15;88(2):501-10

Changes in enzyme activities recognized in lymphocytes from patients with carcinomas of the gastrointestinal tract. Taniguchi T, et al. **Cell Mol Biol** 1985;31(4):259-64

Recognition of sodium- and potassium-dependent adenosine triphosphatase on mouse lymphoid cells by means of a monoclonal antibody. Liabeuf A, et al. **Cell Tissue Res** 1984;238(2):253-61

Inhibition of sialyltransferases of murine lymphocytes by disaccharide nucleosides. Kijima-Suda I, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):730-9

Distribution of enzymes of purine metabolism in lymphocytes of horse, Equus caballus. Magnuson NS, et al. **Comp Biochem Physiol [B]** 1985;81(2):459-65

Clinical symptoms, immunoglobulin levels, immunoglobulin secreting cell numbers and mononuclear cell purine enzyme activities during the course of infectious mononucleosis. Gadeberg O, et al. **Dan Med Bull** 1984 Dec;31(6):507-11

Isolation and comparative studies of glycogen phosphorylase isoenzymes from lymphocytes and polymorphonuclear leucocytes. Navarro E, et al. **Enzyme** 1984;32(2):76-83

Molecular forms of sphingomyelinase and non-specific phosphodiesterases in Epstein-Barr virus-transformed lymphoid cell lines from Niemann-Pick disease types A and B. Levade T, et al. **Eur J Biochem** 1985 Jun 3;149(2):405-9

Induction of ornithine decarboxylase in guinea-pig lymphocytes. Synergistic effect of diacylglycerol and calcium. Otani S, et al. **Eur J Biochem** 1985 Feb 15;147(1):27-31

Lymphocyte phosphorylase kinase activities in the sex-linked form of liver phosphorylase kinase deficiency. Goji K, et al. **Eur J Pediatr** 1985 Jan;143(3):179-82

Ca2+, Mg2+-dependent endonuclease activity in different subpopulations of spleen cells from normal and erythroleukemic mice. McMahon G, et al. **Exp Cell Res** 1985 Apr;157(2):462-74

Phytohemagglutinin-induced changes in tyrosine protein kinase and its endogenous substrates in human lymphocytes. Piga A, et al. **Exp Cell Res** 1985 Jul;159(1):103-12

Age-related changes of activity of acid phosphatase in PHA-stimulated lymphocytes. Myśliwska J, et al. **Exp Gerontol** 1985;20(1):7-14

Monoclonal antibodies to cytochrome P-450 immunopurify a 45-kDa protein from a human lymphoblastoid cell line. Friedman FK, et al. **FEBS Lett** 1985 Jun 3;185(1):67-70

Calcium ionophore A23187 induction of spermidine/spermine N1-acetyltransferase activity in bovine lymphocytes. Matsui-Yuasa I, et al. **FEBS Lett** 1985 Sep 2;188(2):375-8

Phorbol esters stimulate spermidine/spermine N1-acetyltransferase activity in mitogen-stimulated bovine lymphocytes. Matsui-Yuasa I, et al. **FEBS Lett** 1984 Dec 10;178(2):297-300

DNA topoisomerase activities in concanavalin A-stimulated lymphocytes. Taudou G, et al. **FEBS Lett** 1984 Oct 29;176(2):431-5

Activity of some lysosomal enzymes in peripheral blood lymphocytes of patients with lung cancer. A cytochemical study. Sułowicz W, et al. **Folia Haematol (Leipz)** 1985;112(1):63-70

Dipeptidyl peptidase I of lymphocytes of the human peripheral blood. Lojda Z, et al. **Histochem J** 1985 May;17(5):538-40

Activity of acid phosphatase in resting and mitogen-stimulated human peripheral blood lymphocytes. Myśliwska J, et al. **Immunobiology** 1985 Mar;169(2):198-207

Adenosine deaminase activity in lymphocyte subpopulations of B-16 melanoma and normal C57BL bearing mice. Shohat B, et al. **Immunol Lett** 1984;8(6):307-10

Granulated intraepithelial lymphocytes: their relationship to mucosal mast cells and globule leucocytes in the rat. Huntley JF, et al. **Immunology** 1984 Nov;53(3):525-35

Occupational exposure to benzene, toluene and xylene and the lymphocyte lysosomal N-acetyl-beta-D-glucosaminidase. Moszczyński P, et al. **Ind Health** 1985;23(1):47-51

Significance of glycosidase patterns in lymphoid cells. Bjare U, et al. **Int J Biochem** 1985;17(1):67-72

Immunomodulators and enzymes of purine metabolism in human lymphocytes. Ambrogi F, et al. **Int J Tissue React** 1984;6(5):379-84

S-Adenosylmethionine synthetase from human lymphocytes. Purification and characterization. Kotb M, et al. **J Biol Chem** 1985 Apr 10;260(7):3923-30

Heritability of forskolin and hormone-stimulated adenylate cyclase activity in human lymphocytes. Stessmann J, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(4):317-26

Modulation of the biologic activities of IgE-binding factors. VII. Biochemical mechanisms by which glycosylation-enhancing factor activates phospholipase in lymphocytes. Akasaki M, et al. **J Immunol** 1985 Jun;134(6):4069-77

Cyclic AMP-dependent protein kinase in Molt 4b lymphoblasts: identification by photoaffinity labeling and activation in intact cells by vasoactive intestinal polypeptide (VIP) and peptide histidine isoleucine (PHI). O'Dorisio MS, et al. **J Immunol** 1985 Jun;134(6):4078-86

Frozen RPMI 8402 cells: a reliable source of terminal deoxynucleotidyl transferase positive control material. Barth CL, et al. **J Immunol Methods** 1985 Feb 11;76(2):205-9

A flow cytometric method for the detection of adenosine deaminase in mononuclear cells. SenGupta S, et al. **J Immunol Methods** 1985 Jun 25;80(2):155-62

A colorimetric assay for serial determination of adenosine deaminase activity in small lymphocyte populations. Vielh P, et al. **J Immunol Methods** 1984 Oct 26;73(2):313-20

Properties of succinic semialdehyde dehydrogenase in cultured human lymphoblasts. Gibson KM, et al. **J Neurogenet** 1985 Apr;2(2):111-22

Globoside and Forssman synthases in human lymphocytes exposed to Epstein-Barr virus and mitogens. Taniguchi N, et al. **JNCI** 1985 Mar;74(3):563-8

Cytochemistry of leukaemic lymphoid cells. Zafar MN. **JPMA** 1984 Sep;34(9):263-5

Alteration of adenosine deaminase levels in peripheral blood lymphocytes of patients with gastric cancer. Kojima O, et al. **Jpn J Surg** 1985 Mar;15(2):130-3

Effects of antileukemic agents on the activity of terminal deoxynucleotidyl transferase from human normal thymic and leukemic cells 'in vitro'. Rusquet R, et al. **Leuk Res** 1985;9(7):859-67

Acute desensitization of lymphocyte beta-adrenergic-stimulated adenylate cyclase in old age and Alzheimer's disease. Oppenheim G, et al. **Life Sci** 1984 Oct 22;35(17):1795-802

The nonspecific esterase activity in lymphocytes of workers occupationally exposed to benzene and its homologues. Moszczyński P, et al. **Med Interne** 1985 Jan-Mar; 23(1):57-61

Differences in the kinetic properties of thymidine kinase isoenzymes in unstimulated and phytohemagglutinin-stimulated human lymphocytes. Munch-Petersen B. **Mol Cell Biochem** 1984 Sep; 64(2):173-85

Threonine starvation of concanavalin A treated lymphocytes impairs DNA polymerase alpha activity. Taudou G, et al. **Mol Immunol** 1984 Oct;21(10):949-53

A viral enhancer element specifically active in human haematopoietic cells. Mosthaf L, et al. **Nature** 1985 Jun 13-19;315(6020):597-600

Enzymes of purine metabolism and membrane phenotype in malignant cells of some leukemia patients. Babušíková O, et al. **Neoplasma** 1984;31(6):661-6

New tools for the study of Niemann-Pick disease: analogues of natural substrate and Epstein-Barr virus-transformed lymphoid cell lines. Levade T, et al. **Pediatr Res** 1985 Jan; 19(1):153-7

The lymphocyte acid phosphatase-positive lysosomes in patients with malignancies. Lisiewicz J, et al. **Scand J Haematol** 1985 Feb;34(2):181-3

Monoclonal antibody-directed radioimmunoassay detects cytochrome P-450 in human placenta and lymphocytes. Song BJ, et al. **Science** 1985 Apr 26;228(4698):490-2

Variations in aryl hydrocarbon hydroxylase activities in mitogen-activated human and nonhuman primate lymphocytes. Kouri RE, et al. **Toxicol Pathol** 1984; 12(1):44-8

Genetic and environmental regulation of aryl hydrocarbon hydroxylase in man: studies with liver, lung, placenta, and lymphocytes. Pelkonen O, et al. **Toxicol Pathol** 1984; 12(3):256-60

[Changes in the level of peripheral lymphocyte acid-naphthyl acetate esterase in patients with deficiency syndromes and its clinical significance] Wang GT. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):660-1, 642 (Eng. Abstr.) **(Chi)**

[The activity of nonspecific alpha-naphthyl acetate esterase in the cerebrospinal fluid lymphocytes and its clinical significance] Su XC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):265-7 (Eng. Abstr.) **(Chi)**

[Purine metabolism and blastogenesis in lymphocytes of alcoholic subjects] Levallois C, et al. **Ann Med Interne (Paris)** 1985;136(3):219-21 (Eng. Abstr.) **(Fre)**

[Enzymatic activity of lymphoid cells in malignant lymphoid proliferations in children] Demeocq F. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):755-62 (Eng. Abstr.) **(Fre)**

[Age-dependence of adenosine deaminase activity in mouse lymphocytes from the spleen and thymus] Bremer H, et al. **Allerg Immunol (Leipz)** 1984;30(4):207-11 (Eng. Abstr.) **(Ger)**

[Alkaline phosphatase in human lymphocytes. II. A method for ultracytochemical detection of alkaline phosphatase in lymphocytes] Dikow A, et al. **Folia Haematol (Leipz)** 1985; 112(1):46-54 (Eng. Abstr.) **(Ger)**

[Alkaline phosphatase in human lymphocytes. I. Cytochemical detection of alkaline phosphatase in normal human peripheral blood lymphocytes] Dikow A, et al. **Folia Haematol (Leipz)** 1985;112(1):38-45 (Eng. Abstr.) **(Ger)**

[Histochemical determination of peroxidases in isolated leukocytes and lymphocytes in human blood] Schmidt H. **Folia Haematol (Leipz)** 1985;112(2):248-52 (Eng. Abstr.) **(Ger)**

[Aryl hydrocarbon hydroxylase in human lymphocytes: p-nitrophenetol as an alternative substrate to benzo(a)pyrene] Pfeil D, et al. **Z Gesamte Hyg** 1984 Sep; 30(9):485-7 (Eng. Abstr.) **(Ger)**

[Lymphocyte uroporphyrinogen synthase in the diagnosis of lymphoma and its follow-up] Lahav M, et al. **Harefuah** 1985 Mar 1;108(5):243-5 (Eng. Abstr.) **(Heb)**

[Effect of subacute Propotox M poisoning on acid phosphatase of rat lymphocytes] Jonderko G, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):149-53 (Eng. Abstr.) **(Pol)**

[Beta-glucuronidase in lymphocytes of patients with diabetes mellitus complicated by infections] Moszczyński P, et al. **Folia Med Cracov** 1984;25(1-2):119-25 (Eng. Abstr.) **(Pol)**

[Cytochemical and immunological tests in workers exposed to organic paint and varnish solvents. IV. Nonspecific esterase activity in lymphocytes] Moszczyński P, et al. **Med Pr** 1984;35(4):273-8 (Eng. Abstr.) **(Pol)**

[N-Acetyl-beta-D-glucosaminidase deficiency in the neutrophils and lymphocytes of patients with psoriasis] Lisiewicz J, et al. **Patol Pol** 1984 Oct-Dec;35(4):509-16 (Eng. Abstr.) **(Pol)**

[Cytochemical study of leukocyte enzyme activity in late toxicosis of pregnancy] Mashaeva LL, et al. **Akush Ginekol (Mosk)** 1985 May;(5):29-31 (Eng. Abstr.) **(Rus)**

[Nonspecific esterase activity in the blood lymphocytes of persons in contact with benzene vapors and its homologs] Moszczyński P. **Gig Tr Prof Zabol** 1984 Sep;(9):23-6 (Eng. Abstr.) **(Rus)**

[Effect of drugs on succinate dehydrogenase activity in a short-life culture of lymphocytes] Kaznacheeva EI, et al. **Lab Delo** 1985;(1):35-7 (Eng. Abstr.) **(Rus)**

[Lymphocyte dehydrogenase activity in bone tissue regeneration] Osipenko AV, et al. **Ortop Travmatol Protez** 1984 Nov;(11):37-40 (Eng. Abstr.) **(Rus)**

[SDH activity in biopsy specimens of gastric mucosa and lymphocytes of children with chronic gastroduodenitis] Suslova GF, et al. **Pediatriia** 1984 Jul;(7):20-2 (Eng. Abstr.) **(Rus)**

[Effect of gamma-irradiation on the enzyme activity of cerebrospinal fluid lymphocytes in dogs] Ushakov IB, et al. **Radiobiologiia** 1985 Jan-Feb;25(1):47-52 (Eng. Abstr.) **(Rus)**

[The enzyme spectrum of the peripheral blood lymphocytes in patients with nonspecific lung diseases] Khromenkov IuI, et al. **Ter Arkh** 1985;57(3):81-3 (Eng. Abstr.) **(Rus)**

[Cytochemical determination of the enzyme activity of cerebrospinal fluid lymphocytes in dogs] Galdamakin AN, et al. **Tsitologiia** 1985 Jan;27(1):96-9 (Eng. Abstr.) **(Rus)**

[Phytohemagglutinin—a modulator of activity of cytochrome P-450-dependent enzymes of hepatocyte and immunocyte membranes] Galkin BN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):13-7 (Eng. Abstr.) **(Rus)**

[Acid phosphatase in peripheral blood leukocytes of patients with psoriasis] Moshchiński P, et al. **Vestn Dermatol Venerol** 1984 Sep;(9):19-23 (Eng. Abstr.) **(Rus)**

[Effect of dosed physical loads on the status of redox processes in the bodies of sailors] Altukhov VG, et al. **Voen Med Zh** 1984 Nov;(11):44-7 **(Rus)**

[Effect of changes in atmospheric pressure on enzyme activity in the lymphocytes and organs of mice] Petrichuk SV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):62-5 **(Rus)**

[Enzymes of purine nucleotide catabolism in lymphocytes in normal states and in chronic lymphoid leukemia] Filanovskaia LI, et al. **Vopr Med Khim** 1985 May-Jun; 31(3):48-53 (Eng. Abstr.) **(Rus)**

[Determination of the serum enzyme and dehydrogenase activity of circulating lymphocytes during hemosorption in dietary hypercholesterolemia] Mikaelian NP. **Vopr Med Khim** 1985 Mar-Apr;31(2):30-3 (Eng. Abstr.) **(Rus)**

[Alpha-naphthyl acetate acid esterase activity in lymphocytes from patients with sickle cell anemia (letter)] Cruz C, et al. **Sangre (Barc)** 1985;30(2):197-8 **(Spa)**

GROWTH & DEVELOPMENT

Syrian hamster lymphocyte cytogenetic technique and effects of blood storage on mitotic index. Cady DA, et al. **In Vitro Cell Dev Biol** 1985 Jun;21(6):358-60

IMMUNOLOGY

Studies on the lymphocytic subpopulations in acute non-lymphocytic leukemia. Zhou MX, et al. **Acta Acad Med Wuhan** 1984;4(4):216-9

Cytotoxicity of a non-HLA serum towards lymphocytes from blood group B, Lewis negative and ABH secretor individuals. Mittal KK, et al. **Acta Anthropogenet** 1983; 7(3):249-56

The local immune response to large bowel tumors. Bland PW. **Acta Chir Scand [Suppl]** 1985;525:70-92

Interaction between intestinal and peripheral blood mononuclear cells. Raedler A, et al. **Acta Chir Scand [Suppl]** 1985;525:127-39

Thyroid function after resection for non-toxic goitre with special reference to thyroid lymphocytic aggregation and circulating thyroid autoantibodies. Bang U, et al. **Acta Endocrinol (Copenh)** 1985 Jun;109(2):214-9

A 'monoclonal' feature of immunoglobulins on the membrane of lymphocytes in patients with newly diagnosed insulin-dependent diabetes mellitus. Tomić B, et al. **Acta Med Iugosl** 1984;38(5):309-20

Antibody-dependent cell-mediated cytotoxicity (ADCC) toward human O+ red cells coated with anti-D antibody: comparison between lymphocyte and monocyte ADCC activity. Sunada M, et al. **Acta Med Okayama** 1985 Apr; 39(2):77-89

Preliminary analysis of cell and serum-induced demyelination in vitro using a syngeneic system. Röyttä M, et al. **Acta Neurol Scand** 1985 Mar;71(3):226-36

Human peripheral lymphocytes defined by anti-myelin-associated glycoprotein antiserum in healthy individuals and in patients with multiple sclerosis. Tanaka M, et al. **Acta Neurol Scand** 1985 Apr;71(4):278-83

Characteristics of lymphocyte and macrophage reactivity in otitis media with effusion. Bernstein JM, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:131-7

Cellular and humoral dynamics in the periarterial lymphatic sheaths of rat spleens. Koshikawa T, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1301-11

Secretion of immunoglobulins and IgM rheumatoid factor by pokeweed mitogen-induced blood lymphocytes: an evaluation by plaque forming cell assays. Heilmann C, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Dec; 92(6):371-6

Granulocyte and lymphocyte membrane receptors in aseptic meningitis, infectious mononucleosis and other viral infections. Naess A, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb; 93(1):37-41

Immunomodulatory effects of interferons on human mononuclear cells with special reference to the expression of cell surface antigens. Hokland ME. **Acta Pathol Microbiol Immunol Scand [Suppl]** 1985; 286:1-35 (285 ref.)

Expression of beta 2 microglobulin on the surface of mononuclear cells in patients with acquired immune deficiency syndrome (AIDS) and AIDS-related complex (ARC). Gupta S. **Adv Exp Med Biol** 1985;187:111-5

The role of cytoplasmic granules in cytotoxicity by large granular lymphocytes and cytotoxic T lymphocytes. Henkart P, et al. **Adv Exp Med Biol** 1985;184:121-38

The plasma membrane 'skeleton' of tumor and lymphoid cells: a role in cell lysis? Mescher MF, et al. **Adv Exp Med Biol** 1985;184:387-400 (28 ref.)

The function of LFA-1 in cell-mediated killing and adhesion: studies on heritable LFA-1, Mac-1 deficiency and on lymphoid cell self-aggregation. Springer TA, et al. **Adv Exp Med Biol** 1985;184:311-22

Inhibition of protein synthesis and lymphokine production by tetracycline. Ganguly R, et al. **Allerg Immunol (Leipz)** 1984;30(2):104-9

Further evidence of immunomodulatory effects of cimetidine. Strejček J, et al. **Allerg Immunol (Leipz)** 1984;30(2):117-22

A mononuclear cell-derived histamine releasing factor in asthmatic patients. II. Activity in vivo. Alam R, et al. **Allergy** 1985 Feb;40(2):124-9

Impaired immune function in hemophilia patients treated exclusively with cryoprecipitate: relation to duration of treatment. Pollack S, et al. **Am J Hematol** 1985 Sep; 20(1):1-6

Lymphocyte phenotype and function in chronically transfused children with sickle cell disease. Wang W, et al. **Am J Hematol** 1985 Sep;20(1):31-40

Immunoregulatory function of human cord blood lymphocytes on immunoglobulin production. Cheng H, et al. **Am J Reprod Immunol** 1984 Jun;5(4):171-8

Stimulation and killing of bovine mononuclear leukocytes by bacterial lipopolysaccharide (endotoxin). Banks KL, et al. **Am J Vet Res** 1985 Jul;46(7):1568-72

Correlation of macrophage migration-inhibition factor and protection from challenge exposure in calves vaccinated with Salmonella typhimurium. Habasha FG, et al. **Am J Vet Res** 1985 Jul;46(7):1415-21

Suppression of mitogenic response of bovine lymphocytes during experimental ketosis in calves. Targowski SP, et al. **Am J Vet Res** 1985 Jun;46(6):1378-80

Variability in the intradermal and in vitro lymphocyte responses to PPD in patients receiving isoniazid chemoprophylaxis. Tager IB, et al. **Am Rev Respir Dis** 1985 Feb;131(2):214-20

Lymphoblastoid cell-produced immunoglobulins: preparative purification from culture medium by hydroxylapatite chromatography. Smith GJ, et al. **Anal Biochem** 1984 Sep;141(2):432-6

Lymphocyte alloantigens of the horse. III. ELY-2.1: a lymphocyte alloantigen not coded for by the MHC. Antczak DF. **Anim Blood Groups Biochem Genet** 1984; 15(2):103-15

Joint report of the Second International Workshop on Lymphocyte Alloantigens of the Horse, held 3-8 October 1982. Bailey E, et al. **Anim Blood Groups Biochem Genet** 1984;15(2):123-32

Studies on the bovine lymphocyte antigens and the production of lymphocytotoxic antibodies by parous cattle. Dufty JH, et al. **Anim Blood Groups Biochem Genet** 1985; 16(2):85-92

A comparison of bovine lymphocyte antigens. Stear MJ, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):135-43

The occurrence of the feline A blood group antigen on lymphocytes. Symons R, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):77-84

Impaired IL2 production by lymphocytes of patients with systemic lupus erythematosus. de Faucal P, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):161-72

A longitudinal study of cellular immunity in male homosexuals in London. Pinching AJ, et al. **Ann NY Acad Sci** 1984;437:559-62

Lymphocytes bearing Fc gamma receptors in rheumatoid arthritis. III. Immunoregulatory function associated with Facb rosette-forming cells. Eales LJ, et al. **Ann Rheum Dis** 1985 Jan;44(1):8-12

Characteristics of spontaneously proliferating mononuclear cells in rheumatoid arthritis. Froebel K, et al. **Ann Rheum Dis** 1984 Oct;43(5):703-9

Abnormal responses of rheumatoid arthritis lymphocytes to Epstein-Barr virus infection in vitro: evidence for multiple defects. Irving WL, et al. **Ann Rheum Dis** 1985 Jul; 44(7):462-8

Immunoregulatory effects of alpha-interferon. Effects on in-vitro antibody synthesis by lymphocytes from patients with rheumatoid arthritis. Pelton BK, et al. **Ann Rheum Dis** 1985 Mar;44(3):143-7

Klebsiella 'modifying factor': binding studies with HLA-B27+ and B27- lymphocytes. Trapani JA, et al. **Ann Rheum Dis** 1985 Mar;44(3):169-75

Lymphocytes bearing Fc gamma receptors in rheumatoid arthritis. II. Phenotypic characterisation of mononuclear cells forming Facb rosettes in RA. Winrow VR, et al. **Ann Rheum Dis** 1985 Jan;44(1):2-7

Postburn impaired cell-mediated immunity may not be due to lazy lymphocytes but to overwork. Deitch EA, et al. **Ann Surg** 1985 Jun;201(6):793-802

Immunology of tumor infiltrating lymphocytes. Holmes EC. **Ann Surg** 1985 Feb;201(2):158-63

Mitogen stimulation of blood lymphocytes from patients with primary intracranial tumors. Correlation to histological tumor type. Blom U, et al. **Anticancer Res** 1985 Jul-Aug; 5(4):343-8

Capacity of sera from patients with primary intracranial tumors to support mitogen stimulation of blood lymphocytes. Correlation to histological tumor type. Blomgren H, et al. **Anticancer Res** 1985 Jul-Aug; 5(4):349-54

Some biological properties of preserved bovine fascia enriched with pulverized calf cartilage. Komender A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):211-9

Parallel examination of receptors of malignant lymphoma cells using combined tests with mouse erythrocytes and monoclonal VIB-C5 antibody or polyvalent serum against human immunoglobulins. Krawczyk-Kuliś M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):155-60

Immunoglobulin production in cultures of human peripheral blood lymphocytes upon stimulation with various killed staphylococci. Pryjma J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):389-96

The comparison of susceptibility of two target cells (HuRBC and L1210) to antibody dependent lymphocyte cytotoxicity. Wasik M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):641-8

Cells involved in autologous rosette formation in mice. II. Identification of cells forming autologous rosettes in peripheral blood. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):543-8

Quantitation of the Sm nuclear antigen in tissues and activated lymphocytes. Boyer CM, et al. **Arthritis Rheum** 1985 Mar;28(3):294-9

Arthritis confined to knee joints. Synovial lymphocyte responses to microbial antigens correlate with distribution of HLA. Ford DK, et al. **Arthritis Rheum** 1984 Oct; 27(10):1157-64

Impaired killer cell generation in the autologous mixed leukocyte reaction by rheumatoid arthritis lymphocytes. Goto M, et al. **Arthritis Rheum** 1985 Jul;28(7):731-41

Analysis of decreased autologous mixed lymphocyte reaction of cord blood lymphocytes: with special reference to production of and response to interleukin-2 (IL-2). Kawano Y, et al. **Asian Pac J Allergy Immunol** 1984 Jun; 2(1):49-55

Role of purines in lymphocyte function. Webster HK. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):311-17 (45 ref.)

Study of lymphocyte interaction in human mesenteric lymph nodes in vitro. Cripps AW, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):531-7

Amino acid sequence of lymphocyte-surface antigens. Barclay AN, et al. **Biochem Soc Trans** 1985 Apr;13(2):418-9

Human lymphocyte antigens: a mini review. Lydyard PM, et al. **Biochem Soc Trans** 1985 Apr;13(2):429-32 (42 ref.)

Binding of bacteria in lymphocyte subpopulations: role of lectin-carbohydrate interactions. Teodorescu M. **Biol Cell** 1984;51(2):251-8

Species differences in the expression of carbohydrate differentiation antigens on mammalian blood cells revealed by immunofluorescence with monoclonal antibodies. Thorpe SJ, et al. **Biosci Rep** 1984 Aug;4(8):673-85

Induction and enhancement by monocytes of antibody-induced modulation of a variety of human lymphoid cell surface antigens. Schroff RW, et al. **Blood** 1985 Sep;66(3):620-6

Flow cytometric light chain analysis of peripheral blood lymphocytes in patients with non-Hodgkin's lymphoma. Johnson A, et al. **Br J Cancer** 1985 Aug;52(2):159-65

Mixed skin cell-lymphocyte culture reaction (MSLR) as a model for the study of lympho-epidermal interactions. Czernielewski JM. **Br J Dermatol** 1985 Jul;113 Suppl 28:17-23

Characterization of benign cutaneous lymphocytic infiltrates by monoclonal antibodies. Ralfkiaer E, et al. **Br J Dermatol** 1984 Dec;111(6):635-45

Lymphocytes are rhythmic: is this important? [editorial] Knapp MS, et al. **Br Med J [Clin Res]** 1984 Nov 17; 289(6455):1328-30

Antibody-dependent and spontaneous cell-mediated cytotoxicity against transmissible gastroenteritis virus infected cells by lymphocytes from sows, fetuses and neonatal piglets. Cepica A, et al. **Can J Comp Med** 1984 Jul;48(3):258-61

What can the synovial lymphocyte tell us? Ford DK. **Can Med Assoc J** 1985 May 1;132(9):1009-10

In vitro cellular cytotoxicity for a human colon cancer cell line by mucosal mononuclear cells of patients with colon cancer and other disorders. Beeken WL, et al. **Cancer** 1985 Mar 1;55(5):1024-9

Comparison of peripheral blood lymphocyte C3 receptor capping properties in patients with chronic lymphocytic leukemia and lymphoma. Hendrick AM, et al. **Cancer** 1985 Oct 1;56(7):1538-42

An analysis of the presence of Fc receptors on bone marrow lymphoblasts in acute lymphoblastic leukemia. A Pediatric Oncology Group study. Humphrey GB, et al. **Cancer** 1985 Oct 15;56(8):1995-2000

The concurrence of Saethre-Chotzen syndrome and malignancy in a family with in vitro immune dysfunction. McKeen EA, et al. **Cancer** 1984 Dec 15;54(12):2946-51

Immunoregulatory functions of neoplastic lymphoid cells and their humoral products. Okawa H, et al. **Cancer** 1985 Jul 15;56(2):309-17

Blood lymphocyte counts with subset analysis in operable breast cancer. Relation to the extent of tumor disease and prognosis. Rotstein S, et al. **Cancer** 1985 Sep 15; 56(6):1413-9

Monocyte and lymphocyte interaction in patients with advanced cancer. Evidence for deficient IL-1 production. Santos LB, et al. **Cancer** 1985 Oct 1;56(7):1553-8

Applications and limitations of peripheral blood lymphocyte immunoglobulin light chain analysis in the evaluation of non-Hodgkin's lymphoma. Sobol RE, et al. **Cancer** 1985 Oct 15;56(8):2005-10

Effects of isolated tumor lymphocytes alone and with adherent cells. Blazar BA, et al. **Cancer Immunol Immunother** 1984;18(3):179-84

Purified mouse mammary tumor and lymphoid cells in immune assays. Blazar BA, et al. **Cancer Immunol Immunother** 1984;18(3):174-8

Melphalan-mediated potentiation of antitumor immune responsiveness of immunosuppressed spleen cells from mice bearing a large MOPC-315 tumor. Bocian RC, et al. **Cancer Immunol Immunother** 1984;18(1):41-8

Antitumor and therapeutic effects of spleen cells from tumor-bearing mice cultured with T cell growth factor and soluble tumor extract. Kan N, et al. **Cancer Immunol Immunother** 1984;18(3):215-22

Methods for amplifying the induction and expression of cytotoxic response in vitro to syngeneic and autologous freshly-isolated solid tumors of mice. Kedar E, et al. **Cancer Immunol Immunother** 1984;18(2):126-34

Immunorestorative properties of thymostimulin (TS) in patients with Hodgkin's disease in clinical remission. Liberati AM, et al. **Cancer Immunol Immunother** 1985; 19(2):136-41

Inhibition of lymphocyte mitogenesis by factor(s) released from macrophages isolated from ascitic fluid of advanced ovarian cancer patients. Sheid B, et al. **Cancer Immunol Immunother** 1984;17(3):190-4

Preferential lymphocyte-mediated cytotoxicity of syngeneic target cells in chickens bearing tumors induced by avian sarcoma virus. Wainberg MA, et al. **Cancer Lett** 1985 May; 27(1):23-34

Cell-mediated inhibition of tumor colony formation in agarose by resting and interleukin 2-stimulated human lymphocytes. Bradley EC, et al. **Cancer Res** 1985 Apr; 45(4):1464-8

Characterization of the blood lymphocyte population in cattle infected with the bovine leukemia virus. Esteban EN, et al. **Cancer Res** 1985 Jul;45(7):3225-30

Suppression of natural killer and lymphocyte functions associated with carcinogen-induced premalignant hyperplastic nodules in rat liver. Leu RW, et al. **Cancer Res** 1985 Jul;45(7):3282-7

Carcinoembryonic antigen-induced release of a suppressor factor from normal human lymphocytes in vitro. Medoff JR, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5822-7

Two mouse monoclonal antibodies detecting two different epitopes of an activated lymphocyte antigen on adult T-cell leukemia cells. Ueda R, et al. **Cancer Res** 1985 Mar; 45(3):1314-9

Identical reactivity of monoclonal antibodies HNK-1 and NC-1: conservation in vertebrates on cells derived from the neural primordium and on some leukocytes. Tucker GC, et al. **Cell Differ** 1984 Aug;14(3):223-30

Virus-mediated induction in human lymphocytes of antibody-independent cytotoxicity (VDCC) and enhancement of antibody-dependent cytotoxicity (ADCC) against natural killer-resistant tumor target cells. Alsheikhly AR, et al. **Cell Immunol** 1984 Oct 15; 88(2):511-20

The influence of autologous cell interactions on spontaneous and pokeweed mitogen-induced immunoglobulin production. Beale MG. **Cell Immunol** 1985 May; 92(2):427-37

Antigen transport II. The significance of the localization of antigen-laden cells in the spleen. Bell EB. **Cell Immunol** 1984 Oct 15;88(2):273-84

Cytokine production by NZB, C58, and NZB X C58 recombinant inbred mice. Bocchieri MH, et al. **Cell Immunol** 1984 Oct 15;88(2):453-63

Isolation and identification of an alpha 2 subclass lymphotoxin (LT) subunit from the high-molecular-weight (complex) human LT class. Devlin JJ, et al. **Cell Immunol** 1984 Oct 15;88(2):297-308

Lymphocyte activation by purified HLA-DR molecules fused into autochthonous 'stimulating cells'. Diu A, et al. **Cell Immunol** 1985 Aug;94(1):172-81

Production and partial characterization of interleukin 2 induced by periodic acid oxidation of lymphocyte membranes. Hornicek FJ, et al. **Cell Immunol** 1984 Oct 15;88(2):260-72

Staining and fluorescence-activated cell sorter analysis of human lymphocytes using antibodies to a short, chemically synthesized human IL-2 peptide. Isakov N, et al. **Cell Immunol** 1985 Sep;94(2):491-9

Spontaneous and lymphokine-induced cytotoxic activity of monkey intestinal mucosal lymphocytes. James SP, et al. **Cell Immunol** 1985 Jul;93(2):387-97

The acquisition of encephalitogenicity after sensitized cells are conditioned with myelin basic protein or concanavalin A. Levine S, et al. **Cell Immunol** 1985 Feb;90(2):599-604

Studies on the mechanism of suppression of experimental allergic encephalomyelitis induced by myelin basic protein-cell conjugates. McKenna RM, et al. **Cell Immunol** 1984 Oct 15;88(2):251-9

In vivo effects of GK1.5 (anti-L3T4a) monoclonal antibody on induction and expression of delayed-type hypersensitivity. Miller SD, et al. **Cell Immunol** 1985 May; 92(2):414-26

Activation of murine thymocyte subpopulations by the oxidizing mitogens: evidence for a sialylated, mitogen-reactive site on both PNA-positive and PNA-negative cells. Novogrodsky A, et al. **Cell Immunol** 1985 Aug;94(1):281-4

Migration and differentiation of bone marrow lymphocytes: development of surface immunoglobulin, Fc receptor, complement receptor, and functional responsiveness as studied with anti-allotype serum. Park YH, et al. **Cell Immunol** 1985 Jun;93(1):58-67

Human lymphocyte-eosinophil interactions. I. Modulation of phytohemagglutinin-induced lymphocyte proliferation by eosinophils. Ramesh KS, et al. **Cell Immunol** 1985 May; 92(2):366-75

Cells and mediators which participate in immunoglobulin synthesis by human mononuclear cells. I. The obligatory requirement of null lymphocytes in the synthesis of immunoglobulins in vitro. Richter M, et al. **Cell Immunol** 1985 Sep;94(2):614-8

Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells. VII. Generation of thyroid-specific cytotoxic effector cells. Salamero J, et al. **Cell Immunol** 1985 Mar;91(1):111-8

Complement activation by cell-associated immune complexes in contact sensitivity. Salerno A, et al. **Cell Immunol** 1984 Dec;89(2):376-84

Studies on the liver sequestration of lymphocytes bearing membrane-associated galactose-terminal glycoconjugates: reversal with agents that effectively compete for the asialoglycoprotein receptor. Samlowski WE, et al. **Cell Immunol** 1984 Oct 15;88(2):309-22

Solubilization of a human lymphocyte factor for autorosette. Stefas I, et al. **Cell Immunol** 1984 Dec;89(2):399-408

Post-natal ontogenesis of graft-versus-host reactivity of peanut agglutinin lectin-negative thymocytes in the chicken. Torano A, et al. **Cell Immunol** 1984 Oct 15; 88(2):540-4

Early events during the activation of human lymphocytes by the mitogenic monoclonal antibody OKT3. Walls EV, et al. **Cell Immunol** 1984 Nov;89(1):30-8

Dissociation of human interferon-gamma-like activity from migration-inhibition factor. Weiser WY, et al. **Cell Immunol** 1984 Oct 1;88(1):109-22

Mesenteric lymphoblast localization throughout the murine small intestine: temporal analysis relating intestinal length and lymphoblast division. McDermott MR, et al. **Cell Tissue Kinet** 1985 Sep;18(5):505-19

Lymph node accessory cells in the immune response. The primary response to paratyphoid vaccine in rat parathymic lymph nodes. Kamperdijk EW, et al. **Cell Tissue Res** 1984; 237(1):39-42

Lymphocyte aberrations in ankylosing spondylitis. Liu HC. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1985 Feb;18(1):1-7

Spontaneous secretion of thyroid autoantibodies by cultured peripheral blood lymphocytes from patients with Hashimoto's thyroiditis detected by micro-ELISA techniques. Benveniste P, et al. **Clin Exp Immunol** 1984 Nov;58(2):273-82

Lysis of varicella zoster virus infected cells by lymphocytes from normal humans and immunosuppressed pediatric leukaemic patients. Bowden RA, et al. **Clin Exp Immunol** 1985 May;60(2):387-95

Relationship between intensity of infection and immunomodulation in human schistosomiasis. II. NK cell activity and in vitro lymphocyte proliferation. Feldmeier H, et al. **Clin Exp Immunol** 1985 May;60(2):234-40

Autologous mixed lymphocyte reaction in man. XIV. Deficiency of the autologous mixed lymphocyte reaction in acquired immune deficiency syndrome (AIDS) and AIDS related complex (ARC). In vitro effect of purified interleukin-1 and interleukin-2. Gupta S, et al.

Clin Exp Immunol 1984 Nov;58(2):395–401

Lymphocytes of haemophilia patients treated with clotting factor concentrates display activation–linked cell–surface antigens. Köller U, et al. **Clin Exp Immunol** 1985 Mar; 59(3):613–21

Effect of protein deprivation on immunoregulatory cells in the rat mucosal immune response. Koster F, et al. **Clin Exp Immunol** 1985 Apr;60(1):217–24

Monoclonal IgM with anti–muscle tissue activity in a patient with Waldenström's macroglobulinaemia: secretion of identical immunoglobulin by the established lymphoid cell line. Micouin C, et al. **Clin Exp Immunol** 1984 Dec; 58(3):677–84

Dissociated production of interleukin–2 and immune (gamma) interferon by phytohaemagglutinin stimulated lymphocytes in healthy infants. Miyawaki T, et al. **Clin Exp Immunol** 1985 Feb;59(2):505–11

Immunoregulatory effects of interferon–alpha. I. Interferon–alpha inhibits in vitro antibody synthesis by normal human lymphocytes. Pelton BK, et al. **Clin Exp Immunol** 1985 Feb;59(2):398–404

Maintenance of cytomegalovirus (CMV) latency and host immune responses of long term renal allograft survivors. I. Prolonged suppression of in vitro lymphocyte responses against CMV infected fibroblasts related to previous secondary CMV infection. Roenhorst HW, et al. **Clin Exp Immunol** 1985 Mar;59(3):709–15

Pulmonary and systemic immunoregulatory changes during the development of experimental asbestosis. Rola–Pleszczynski M, et al. **Clin Exp Immunol** 1984 Nov; 58(2):325–34

A simple method for electronic counting of rosette forming human blood lymphocytes. Sandberg G, et al. **Clin Exp Immunol** 1985 Feb;59(2):499–504

Cell types required for anti–acetylcholine receptor antibody synthesis by cultured thymocytes and blood lymphocytes in myasthenia gravis. Willcox HN, et al. **Clin Exp Immunol** 1984 Oct;58(1):97–106

Modified spontaneous and mitogen–stimulated IgG synthesis in lymphocytes from rheumatoid synovial fluid. Nakamura T, et al. **Clin Exp Rheumatol** 1983 Oct–Dec;1(4):317–22

Relationship between large granular lymphocytes and NK–1.2+ cells from normal and poly(inosinic:cytidylic acid) (poly(I:C]–treated mice. Alberti S, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):81–94

Large granular lymphocytes from murine blood and intestinal epithelium: comparison of surface antigens, natural killer activity, and morphology. Alberti S, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):227–38

T and B lymphocytes with immunoglobulin E Fc receptors (Fc epsilon R) in patients with nonallergic hyperimmunoglobulinemia E: demonstration using a monoclonal antibody against Fc epsilon R–associated antigen. Nagai T, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):261–75

Immune abnormalities in patients lacking a lymphocyte surface glycoprotein. Parkman R, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):363–70

Cell populations and membrane attack complex in glomeruli of patients with post–streptococcal glomerulonephritis: identification using monoclonal antibodies by indirect immunofluorescence. Parra G, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):324–32

Immunological abnormalities in patients with the acquired immune deficiency syndrome (AIDS)—a review. Dwyer JM, et al. **Clin Immunol Rev** 1984;3(1):25–129 (357 ref.)

Polyclonal activators in pulmonary immune disease. Willoughby WF, et al. **Clin Rev Allergy** 1985 May; 3(2):197–216 (112 ref.)

Lymphocyte studies in a patient with neurological complications of Behçet's syndrome. Mallya R, et al. **Clin Rheumatol** 1982 Jun;1(2):131–5

Lymphocytes and Langerhans cells in patch tests. An immunohistochemical and electron microscopic study. Kanerva L, et al. **Contact Dermatitis** 1984 Sep;11(3):150–5

A rapid screening technique for lymphocytotoxic antibodies using tray–frozen lymphocytes. Ruder H, et al. **Cryobiology** 1984 Oct;21(5):480–5

Role of lymphocyte and antibody in the pathogenesis of immune–mediated herpetic uveitis. Oh JO, et al. **Curr Eye Res** 1985 Jun;4(6):685–91

Coexpression of Lyb–2 and Mac–1 by murine lymphomas and subpopulations of normal spleen and bone marrow cells. Holmes KL, et al. **Curr Top Microbiol Immunol** 1984; 113:224–30

An improved method for G–banding chromosomes after in situ hybridization. Cannizzaro LA, et al. **Cytogenet Cell Genet** 1984;38(4):308–9

Effect of temperature and lymphokines on mixed lymphocyte and mitogen responses of chicken lymphoid cells in vitro. Chi DS, et al. **Dev Comp Immunol** 1984 Summer; 8(3):683–94

The B–L (Ia–like) antigens of the chicken. Lymphocyte plasma membrane distribution and tissue localization. Hála K, et al. **Dev Comp Immunol** 1984 Summer;8(3):673–82

Molecular analysis of the lymphocyte membrane. Warr GW, et al. **Dev Comp Immunol** 1984 Fall;8(4):757–72 (104 ref.)

Alterations in lymphocyte subpopulations in type 1 (insulin–dependent) diabetes mellitus: exploration of possible mechanisms and relationships to autoimmune phenomena. Herold KC, et al. **Diabetologia** 1984 Jul;27 Suppl:102–5

Abnormal lymphocyte function precedes hyperglycaemia in mice treated with multiple low doses of streptozotocin. Itoh M, et al. **Diabetologia** 1984 Jul;27 Suppl:109–12

Prospective study of lymphocyte subsets in subjects genetically susceptible to type 1 (insulin–dependent) diabetes. Pozzilli P, et al. **Diabetologia** 1984 Jul;27 Suppl:132–5

Characterization of the phenotype and function of lymphocytes infiltrating the salivary gland in patients with primary Sjogren syndrome. Fox RI, et al. **Diagn Immunol** 1983;1(3):233–9

Defect of OKT4 antigen epitopes on normal human lymphocytes found in Japan. Okubo K, et al. **Diagn Immunol** 1985;3(1):7–10

MRC OX–2 antigen: a lymphoid/neuronal membrane glycoprotein with a structure like a single immunoglobulin light chain. Clark MJ, et al. **EMBO J** 1985 Jan;4(1):113–8

The generative grammar of the immune system. Jerne NK. **EMBO J** 1985 Apr;4(4):847–52

Increase in autorosette–forming lymphocytes in thyroid diseases. Endo Y, et al. **Endocrinol Jpn** 1984 Oct; 31(5):627–34

Controversy in Medicine Debate: the defect in rheumatoid arthritis is inherent to the lymphocyte. Goodacre J, et al. **Eur J Clin Invest** 1984 Dec;14(6):403–7

Abnormalities of in vitro responses to polyclonal activation of peripheral blood lymphocytes in patients with active sarcoidosis. Pasquali JL, et al. **Eur J Clin Invest** 1985 Apr; 15(2):82–8

In vivo self–reactivity of mononuclear cells to T cells and macrophages exposed to HgCl2. Pelletier L, et al. **Eur J Immunol** 1985 May;15(5):460–5

Detection and localization by the monoclonal anti–interleukin 2 receptor antibody AMT–13 of IL 2 receptor–bearing cells in the developing thymus of the mouse embryo and in the thymus of cortisone–treated mice. Takacs L, et al. **Eur J Immunol** 1984 Dec;14(12):1152–6

Long–term effects on the immune system following local irradiation for breast cancer. Pokeweed mitogen induced immunoglobulin secretion by blood lymphocytes and serum immunoglobulin levels. Rotstein S, et al. **Eur J Surg Oncol** 1985 Jun;11(2):137–41

Pulmonary immune effector cells: II. Antigen–specific blastogenic responsiveness of lymphocyte populations during pulmonary immune complex disease in guinea pigs. LeFever AV, et al. **Exp Lung Res** 1984;7(1):23–39

Enhanced expression of Epstein–Barr virus early antigens by antitubulin agents in a latently infected human lymphoblastoid cell line. Fujita J, et al. **Experientia** 1985 Mar 15;41(3):372–3

Electrophoretic characterization of specific antibody effects on lymphocytes. Knippel E, et al. **Folia Biol (Praha)** 1984; 30(5):329–41

Ontogenetic analysis of some surface markers on pig lymphocytes using fluorescence–activated cell sorter. Kovářu F, et al. **Folia Microbiol (Praha)** 1985;30(3):277–90

Evaluation of the immune responsiveness in laryngeal cancer patients with specific and aspecific tests: first results of follow–up in 80 cases. Cortesina G, et al. **G Batteriol Virol Immunol** 1983 Jul–Dec;76(7–12):173–86

Augmentation of the cell–mediated cytotoxic response induced in mixed cell culture by adriamycin. Arinaga S, et al. **Gann** 1985 May;76(5):414–9

Lymphocyte–mediated enhancement of hepatic fibrosis in chronic active hepatitis. Nakano H, et al. **Gastroenterol Jpn** 1985 Feb;20(1):14–9

Milk– and soy protein–induced enterocolitis: evidence for lymphocyte sensitization to specific food proteins. Van Sickle GJ, et al. **Gastroenterology** 1985 Jun;88(6):1915–21

Mononuclear cell complement receptor blockade in primary biliary cirrhosis. Al–Aghbar MN, et al. **Gut** 1985 Jan; 26(1):20–5

Peripheral blood mononuclear cells and regulatory T cells in acute viral hepatitis. Barnaba V, et al. **Gut** 1985 Jul; 26(7):739–44

Lymphocyte cytotoxicity to autologous hepatocytes in alpha 1–antitrypsin deficiency. Mondelli M, et al. **Gut** 1984 Oct; 25(10):1044–9

Serum–mediated immunosuppression: a possible tumor marker in patients with ovarian carcinoma. Onsrud M. **Gynecol Oncol** 1985 May;21(1):94–100

Quantitative expression and function of differentiation antigens on normal and malignant lymphoid cells. Clark EA, et al. **Hamatol Bluttransfus** 1985;29:455–60

Effect of low dose X–irradiation on alloantigen sensitized and unsensitized lymphocytes. Dohi K, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):759–63

Interferon production by mitogen–stimulated human lymphocytes requires differentiation but not DNA synthesis. Bhayani HR, et al. **Hum Immunol** 1985 Jul; 13(3):151–60

HLA class II restriction repertoire of antigen–specific T cells. II. Evidence for a new restriction determinant associated with DRw52 and LB–Q1. Ottenhoff TH, et al. **Hum Immunol** 1985 Jun;13(2):117–23

Cross–reactivity of a normal human cell surface antigen with primate retrovirus glycoproteins. Sparrow RL, et al. **Hum Immunol** 1985 Jun;13(2):83–93

HLA–linked immune responsiveness to (T,G)–A–L: a family study. Suez D, et al. **Hum Immunol** 1985 Aug;13(4):219–34

Monoclonal and heteroantibody reacting with different antigens common to human blast cells and monocytes. Billing R, et al. **Hybridoma** 1982;1(3):303–11

Monoclonal antibodies defining markers with apparent selectivity for particular haemopoietic cell types may also detect antigens on cells of neural crest origin. Kemshead JT, et al. **Hybridoma** 1982;1(2):109–23

Protein A binding assay for the identification of HLA antigens on peripheral blood lymphocytes by monoclonal antibodies: application to HLA B27. Yang YH, et al. **Hybridoma** 1982;1(3):243–55

Utility of monoclonal antibodies in the immunologic phenotyping of acute lymphoblastic leukemia. Yu AL, et al. **Hybridoma** 1982;1(2):91–8

In vivo effects of interleukin 2 on lymphocyte subpopulations in a patient with a combined immunodeficiency. Dopfer R, et al. **Immunobiology** 1984 Dec;167(5):452–61

Evaluation of accessory cell heterogeneity. III. Role of dendritic cells in the in vitro activation of the antibody response to soluble antigens. Erb P, et al. **Immunobiology** 1985 May;169(4):424–35

Production of lymphokines and interferon by immune cells involved in recovery of mice from herpes simplex virus type 2 hepatitis. Iannello D, et al. **Immunobiology** 1985 May; 169(4):412–23

Self reactive delayed type hypersensitivity (DTH) induced in mice by syngeneic lymphoblasts. Klein I, et al. **Immunobiology** 1985 Feb;169(1):45–59

A mouse ear reaction for assessment of human lymphocyte immunocompetence. Mukamel E, et al. **Immunobiology** 1985 Feb;169(1):21–9

Lymphocyte homing in mice: lack of significant alteration when H–2 antigen expression is moderately modified. Navarro J, et al. **Immunobiology** 1984 Dec;167(5):404–13

Kinetics of inhibition of mitogen–induced proliferation of human lymphocytes by alpha 2–macroglobulin in serum–free medium. Rastogi SC, et al. **Immunobiology** 1985 Feb;169(1):37–44

Effect of multiple sclerosis alpha 2–macroglobulin on mitogen induction of lymphocyte proliferation. Rastogi SC, et al. **Immunobiology** 1985 May;169(4):339–45

Lack of Fc receptor for IgE in SJA9 mice. Adachi M, et al. **Immunogenetics** 1985;22(1):77–83

Electrophoretic variation between class II molecules expressed on HLA–DRw8 homozygous typing cells reveals multiple distinct haplotypes. Baldwin GC, et al. **Immunogenetics** 1985;21(1):49–60

DNA polymorphism of the major histocompatibility class I genes and their association with serologically defined haplotypes. Driesel AJ, et al. **Immunogenetics** 1985; 21(6):529–38

Specificity of the HLA class II reactive monoclonal antibody 33.1. Li XM, et al. **Immunogenetics** 1984;20(4):465–9

Defective expression of HLA class I antigens: a case of the bare lymphocyte without immunodeficiency. Maeda H, et al. **Immunogenetics** 1985;21(6):549–58

Dissociation of stimulatory capacity in mixed lymphocyte reaction and proliferative responses to pokeweed mitogen among peripheral blood non–T cells. Ko HS, et al. **Immunol Commun** 1984;13(6):563–9

Identification of proliferating lymphocyte subpopulations in microcultures by surface marker and autoradiography. Schneider H, et al. **Immunol Commun** 1984;13(6):553–61

Inappropriate peripheral blood lymphocyte responses to herpes viruses in patients with Behçet's syndrome. Efthimiou J, et al. **Immunol Lett** 1984;8(6):317–8

Phenotype characteristics of human B cells studied by Epstein–Barr virus infection. I. Immunoglobulin expression on human lymphoblastoid cells established from various lymphoid cells. Kudo T, et al. **Immunol Lett** 1984; 8(6):335–41

Leukocyte migration inhibitory factor production by activated lymphocytes representing immunological memory or virus–receptor interaction: response of T cell subsets to Epstein–Barr virus nuclear antigen, response of B cells to UV inactivated Epstein–Barr virus. Szigeti R, et al. **Immunol Lett** 1985;9(5):267–73

Neoplastic model for the differentiation of a subpopulation of lymphocytes bearing IgH–1–linked gene products. Owen FL, et al. **Immunol Rev** 1984 Dec;82:29–46 (30 ref.)

Thyroid autoantibody synthesis by lymphocytes from different lymphoid organs: fractionation of B cells on density gradients. Atherton MC, et al. **Immunology** 1985 Jun;55(2):271–9

Cell–mediated immunity in experimental murine dermatophytosis. II. Adoptive transfer of immunity to dermatophyte infection by lymphoid cells from donors with acute or chronic infections. Calderon RA, et al. **Immunology** 1984 Nov;53(3):465–72

Differential expression of HLA class II antigens on human fetal and adult lymphocytes and macrophages. Edwards JA, et al. **Immunology** 1985 Jul;55(3):489–500

Mixed leucocyte reaction (MLR) in the snake Psammophis sibilans. Farag MA, et al. **Immunology** 1985 May; 55(1):173–81

Factors affecting the spontaneous cell–mediated cytotoxicity of intestinal mononuclear cells. Gibson PR, et al. **Immunology** 1984 Oct;53(2):267–74

Large agranular lymphocytes: early non–specific effector cells in allograft rejection in the mouse. Gregory CD, et al. **Immunology** 1984 Oct;53(2):257–65

Origin and immunological hyporeactivity of canine alveolar lymphocytes. Kirby J, et al. **Immunology** 1985 Jul; 55(3):531–8

Characterization of two sheep lymphocyte differentiation antigens, SBU-T1 and SBU-T6. Mackay CR, et al. **Immunology** 1985 Aug;55(4):729-37

Detection and characterization of monoclonal antibodies specific to IgE receptors on human lymphocytes by flow cytometry. Rector E, et al. **Immunology** 1985 Jul; 55(3):481-8

The rapid rejection of allogeneic lymphocytes by a non-adaptive, cell-mediated mechanism (NK activity). Rolstad B, et al. **Immunology** 1985 Jan;54(1):127-38

Transferrin receptor expression by stimulated cells in mixed lymphocyte culture. Salmon M, et al. **Immunology** 1985 Mar;54(3):559-64

Isolation of labile Fcgamma-receptors from human peripheral blood lymphocytes and production of an antiserum. Sandilands GP, et al. **Immunology** 1985 May; 55(1):7-13

A novel lymphokine derived from human IgG Fc receptor-bearing B cells: its suppressive effect on activated T and B lymphocytes including tumour cells in vitro. Suzuki T, et al. **Immunology** 1985 Jul;55(3):427-36

The influence of the membrane sodium pump activity on the ability of human peripheral blood lymphocytes to form early rosettes with SRBC. Witkowski J. **Immunology** 1985 Jun;55(2):339-45

Cosuppression of latent and nominal allotypes in individual rabbit lymphocytes. Wolf B, et al. **Immunology** 1985 May; 55(1):65-74

Antibody-dependent lymphocyte mediated cytotoxicity in amoebiasis. Vinayak VK, et al. **Indian J Med Res** 1984 Oct;80:421-7

Murine natural resistance to Trypanosoma lewisi involves complement component C3 and radiation-resistant, silica dust-sensitive effector cells. Albright JW, et al. **Infect Immun** 1985 Jan;47(1):176-82

In vitro and in vivo interaction between trophozoites of Entamoeba histolytica and gerbil lymphoid cells. Chadee K, et al. **Infect Immun** 1985 Sep;49(3):828-32

Modulation of in vitro natural cell-mediated activity against enteropathogenic bacteria by simple sugars. Nencioni L, et al. **Infect Immun** 1985 Feb;47(2):534-9

Dissociation between interleukin-1 and interleukin-2 production in proliferative response to microbial antigens: restorative effect of exogenous interleukin-2. Vismara D, et al. **Infect Immun** 1985 Aug;49(2):298-304

Streptococcus pneumoniae cocultured with fibroblasts enhances both interferon production and cytotoxic activity by lymphocytes. Weigent DA, et al. **Infect Immun** 1985 Sep;49(3):593-7

Lymphocyte sub-populations and NSAIDs. Methodological aspects. Bacon PA, et al. **Inflammation** 1984 Jun;8 Suppl:S81-6

A dramatic representation of immunological cooperative events. Celada F, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:28-33

Inhibition of anaphylaxis by inactivated lymphocyte clone with radiolabelled antigen. Csaba B, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):68-72

Factors influencing human IgE synthesis in vitro and in vivo. de Weck AL, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):38-44

Quantitation of immunoglobulin isotypes in chronic lymphocytic leukaemic cells compared with normal adult and neonatal lymphocytes. Johnstone AP, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):313-7

Assessment of histamine release and kinin formation in man: identification of kinin degradation products and characterization of a lymphocyte-dependent histamine releasing factor. Kaplan AP, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):64-8

Bovine IgG and human immune responses: Con A-induced mitogenesis of human mononuclear cells is suppressed by bovine IgG. Kulczycki A Jr, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):255-8

Murine lymphocyte responses to purified components of rye grass pollen extract. Moran DM, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):261-5

Migration of bone marrow lymphocytes in mice: immunofluorescent staining using antiallotype serum. Park YH, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):214-8

IgE Fc receptor positive T, B and NK cells in patients with the hyper-IgE syndrome. Spiegelberg HL, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):277-9

A monoclonal antibody-based radioimmunoassay for the in vitro production of IgE by lymphocyte cultures. Zaunders JJ, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):1-8

Correlation between tumorigenicity and altered glycosylation of a 'leukocyte common' antigen in human lymphoid cell lines. Deane DL, et al. **Int J Cancer** 1984 Oct 15; 34(4):459-62

The generation of culture activated killer cells (AK) is interleukin-2-dependent and requires self-Ia recognition. Lattime EC, et al. **Int J Cancer** 1985 Apr 15;35(4):535-42

Detection of NK activity and antibody-dependent cellular cytotoxicity of lymphocytes by human tumor clonogenic assay--its correlation with the 51Cr-release assay. Nomori H, et al. **Int J Cancer** 1985 Apr 15;35(4):449-55

Effect of human serum anti-HTLV antibodies on viral antigen induction in vitro cultured peripheral lymphocytes from adult T-cell leukemia patients and healthy virus carriers. Tochikura T, et al. **Int J Cancer** 1985 Jul 15; 36(1):1-7

Humoral immunity and lymphocyte subpopulations in patients with dilated cardiomyopathy. Franceschini R, et al. **Int J Cardiol** 1985 Jun;8(2):113-23

Isoprinosine enhances the activation of sensitized lymphocytes by Epstein-Barr virus antigens. Sundar SK, et al. **Int J Immunopharmacol** 1985;7(2):187-92

Mitogenic and antigenic activity of Plasmodium falciparum in primate and rodent lymphocytes. Golenser J, et al. **Int J Parasitol** 1985 Aug;15(4):435-40

An association between a lymphocyte antigen in sheep and the response to vaccination against the parasite Trichostrongylus colubriformis. Outteridge PM, et al. **Int J Parasitol** 1985 Apr;15(2):121-7

Thymic lymphocyte differentiation and thymic leukemogenesis. Weissman IL. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):57-64

Lymphocyte surface phenotypes in Down's syndrome. Bertotto A, et al. **Int J Tissue React** 1984;6(3):219-21

Inhibitory effect of sera from rheumatoid arthritis patients and enhancing effect of levamisole on total E-rosette levels of lymphoid cells from normal and RA subjects. Quagliata F, et al. **Int J Tissue React** 1984;6(6):445-52

In vitro enhancement of anterior chamber GVH reactions. Khodadoust AA, et al. **Invest Ophthalmol Vis Sci** 1985 Sep; 26(9):1252-6

Lymphoid cells and granulocyte progenitors in early human fetal livers: immunological parameters and in vitro cellular interactions. Barak Y, et al. **Isr J Med Sci** 1985 Jan; 21(1):12-7

Induction of interleukin-2 and colony-stimulating factors in lymphoid cell cultures activated by mitogenic mycoplasmas. Gershon H, et al. **Isr J Med Sci** 1984 Sep; 20(9):882-5

A membrane protein preferentially expressed by a subpopulation of immature lymphoid cells, epidermal basal keratinocytes, and other epithelial cells. Gottlieb AB, et al. **J Am Acad Dermatol** 1985 Jul;13(1):54-65

Immunosuppressive effect of uterine secretory protein from Angus and Brahman cows upon lymphocytes in vitro. Segerson EC, et al. **J Anim Sci** 1984 Oct;59(4):1047-59

Enzymatic and organizational difference in expression of a Burkitt lymphoma-associated antigen (globotriaosylceramide) in Burkitt lymphoma and lymphoblastoid cell lines. Wiels J, et al. **J Biol Chem** 1984 Dec 10;259(23):14783-7

Intralesional injection of interleukin-2-expanded autologous lymphocytes in melanoma and breast cancer patients: a pilot study. Adler A, et al. **J Biol Response Mod** 1984 Oct; 3(5):491-500

Effects of interferon and radiation dose on the suppressive activity of human lymphocytes primed with allogeneic cells in mixed lymphocyte cultures. Aebersold P, et al. **J Biol Response Mod** 1985 Jun;4(3):251-7

The optimal technological approach to the development of human hybridomas. Dorfman NA. **J Biol Response Mod** 1985 Jun;4(3):213-39 (94 ref.)

Immunotherapy of murine and human tumors in mice with lymphokines and interleukin-2-propagated lymphocytes. Kedar E, et al. **J Biol Response Mod** 1984 Oct;3(5):517-26

Suppression by tumor growth of T cell growth factor production in mouse lymphoid cell cultures. Kedar E, et al. **J Biol Response Mod** 1984 Oct;3(5):547-60

Immunotherapy of cancer by systemic administration of lymphoid cells plus interleukin-2. Rosenberg SA. **J Biol Response Mod** 1984 Oct;3(5):501-11

Immunoregulation and immunostimulation of murine lymphocytes by recombinant human interleukin-2. Talmadge JE. **J Biol Response Mod** 1985 Feb;4(1):18-34

Fc epsilon receptors on human cell lines and peripheral blood lymphocytes detected by binding of IgE immune complexes. Kanowith-Klein S, et al. **J Clin Immunol** 1985 Jan;5(1):38-45

The effects of indomethacin and interleukin-2 on the proliferation of lymphocytes from patients with lung cancer. Maca RD, et al. **J Clin Immunol** 1985 May; 5(3):158-65

Lymphoid progenitor cells in severe combined immunodeficiency. Neudorf S, et al. **J Clin Immunol** 1985 Jan;5(1):26-30

Suppression of in vitro lymphocyte and neutrophil responses by a low molecular weight suppressor active peptide from burn-patient sera. Ozkan AN, et al. **J Clin Immunol** 1985 May;5(3):172-9

Spinal fluid lymphocytes responsive to autologous and allogeneic cells in multiple sclerosis and control individuals. Birnbaum G, et al. **J Clin Invest** 1984 Oct;74(4):1307-17

In vitro antigen-induced antibody responses to hepatitis B surface antigen in man. Kinetic and cellular requirements. Cupps TR, et al. **J Clin Invest** 1984 Oct;74(4):1204-13

A defect in the regulation of major histocompatibility complex class II gene expression in human HLA-DR negative lymphocytes from patients with combined immunodeficiency syndrome. Lisowska-Grospierre B, et al. **J Clin Invest** 1985 Jul;76(1):381-5

Immune function in severe, active rheumatoid arthritis. A relationship between peripheral blood mononuclear cell proliferation to soluble antigens and synovial tissue immunohistologic characteristics. Malone DG, et al. **J Clin Invest** 1984 Oct;74(4):1173-85

Deficiency of the autologous mixed lymphocyte reaction in patients with classic hemophilia treated with commercial factor VIII concentrate. Correlation with T cell subset distribution, antibodies to lymphadenopathy-associated or human T lymphotropic virus, and analysis of the cellular basis of the deficiency. Smolen JS, et al. **J Clin Invest** 1985 Jun;75(6):1828-34

Molecular analysis of the bare lymphocyte syndrome. Sullivan KE, et al. **J Clin Invest** 1985 Jul;76(1):75-9

Formation of total and stable E-rosettes by lymphocytes from patients with pulmonary tuberculosis stimulated by Con A or PPD. Aristizábal L, et al. **J Clin Lab Immunol** 1985 Jan;16(1):31-6

Immobilized IgG-aggregate-induced cytolytic activity of lymphocytes from patients with rheumatoid arthritis. Fuson EW, et al. **J Clin Lab Immunol** 1984 Dec;15(4):181-6

Restoration of immunosuppression in lung cancer by normal sera. Hadjipetrou-Kourounakis L, et al. **J Clin Lab Immunol** 1985 Mar;16(3):149-53

Interleukin-2 production by cord blood lymphocytes stimulated with mitogen and in the mixed leukocyte culture. Hauser GJ, et al. **J Clin Lab Immunol** 1985 Jan; 16(1):37-40

Distribution of marker-specific lymphocyte subsets in healthy human subjects. Matsumoto K, et al. **J Clin Lab Immunol** 1985 Mar;16(3):143-7

Comparison of Fc gamma-receptors isolated from normal human serum and peripheral blood lymphocytes. Sandilands GP, et al. **J Clin Lab Immunol** 1984 Sep; 15(1):39-44

Cryopreservation with glycerol during cryostat sectioning for localisation of lymphocytes and accessory cell phenotypic subsets in tissue biopsies [letter] Coghill G, et al. **J Clin Pathol** 1985 Jul;38(7):840-2

Leucocyte function in denture stomatitis. Taafe A, et al. **J Dent** 1985 Jun;13(2):84-90

Phenotype of recovering lymphoid cell populations after marrow transplantation. Ault KA, et al. **J Exp Med** 1985 Jun 1;161(6):1483-502

Expression of murine Lm-1 locus. Lm-1 determinants on lymphocytes and macrophages, and effects of Lm-1 incompatibility on bone marrow grafts. O'Toole MM, et al. **J Exp Med** 1985 Aug 1;162(2):607-24

Cellular immunology in the baboon (Papio cynocephalus): examination of structural and functional characteristics of adult and fetal lymphoid cells. Boldt DH, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):219-32

Qa antigens and their differential distribution on lymphoid, myeloid and stem cells. Harris RA, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):265-81 (80 ref.)

Effects of short-term administration of sex hormones on normal and autoimmune mice. Ansar Ahmed S, et al. **J Immunol** 1985 Jan;134(1):204-10

Mitogenic properties of neuraminidase and galactose oxidase-treated lymphoblastoid cells and plasma membranes for peripheral blood lymphocytes. Arnold A, et al. **J Immunol** 1984 Nov;133(5):2569-76

Immune response to nucleic acid antigens and native DNA by human peripheral blood lymphocytes in vitro. Bastian D, et al. **J Immunol** 1985 Sep;135(3):1772-7

Interaction of monoclonal antibodies with MHC class I antigens on mouse spleen cells. II. Levels of expression of H-2K, H-2D, and H-2L in different mouse strains. Dower SK, et al. **J Immunol** 1985 Jan;134(1):431-5

A linkage between the hemostatic and immune systems embodied in the fibrinolytic release of lymphocyte suppressive peptides. Edgington TS, et al. **J Immunol** 1985 Jan;134(1):471-7

Systemic administration of recombinant interleukin 2 stimulates in vivo lymphoid cell proliferation in tissues. Ettinghausen SE, et al. **J Immunol** 1985 Aug;135(2):1488-97

Antiprotozoan activity of nonspecific cytotoxic cells (NCC) from the channel catfish (Ictalurus punctatus). Graves SS, et al. **J Immunol** 1985 Jan;134(1):78-85

Therapeutic potential of rat monoclonal antibodies: isotype specificity of antibody-dependent cell-mediated cytotoxicity with human lymphocytes. Hale G, et al. **J Immunol** 1985 May;134(5):3056-61

Modes of cell:cell communication in the immune system. Janeway CA Jr, et al. **J Immunol** 1985 Aug;135(2 Suppl):739s-742s

Regulation of lymphokine production by arginine vasopressin and oxytocin: modulation of lymphocyte function by neurohypophyseal hormones. Johnson HM, et al. **J Immunol** 1985 Aug;135(2 Suppl):773s-775s

Effects of V lambda gene diversity on generation of antigen-specific lymphocytes. Ju ST, et al. **J Immunol** 1984 Dec;133(6):3378-81

Specific killing of lymphocytes that cause experimental autoimmune myasthenia gravis by ricin toxin-acetylcholine receptor conjugates. Killen JA, et al. **J Immunol** 1984 Nov; 133(5):2549-53

Human lymphocyte responses to hepatitis A virus-infected cells: interferon production and lysis of infected cells. Kurane I, et al. **J Immunol** 1985 Sep;135(3):2140-4

Circadian and/or circahemidian rhythms in nine lymphocyte-related variables from peripheral blood of healthy subjects. Levi FA, et al. **J Immunol** 1985 Jan; 134(1):217-22

In vivo administration of purified human interleukin 2. II. Half life, immunologic effects, and expansion of peripheral lymphoid cells in vivo with recombinant IL 2. Lotze MT, et al. **J Immunol** 1985 Oct;135(4):2865-75

Activation of mouse lymphocytes inhibits induction of rapid cell death by x-irradiation. Lowenthal JW, et al.

J Immunol 1985 Aug;135(2):1119–25

Biochemical characterization of murine lymphoid alloantigen Ly–m20.2, a cell surface marker controlled by a gene linked to the Mls locus. Mark WH, et al. **J Immunol** 1985 Oct; 135(4):2635–41

Cellular origins of human polymeric and monomeric IgA: intracellular and secreted forms of IgA. Moldoveanu Z, et al. **J Immunol** 1984 Dec;133(6):3156–62

In vitro parasite antigen–induced antibody responses in human helminth infections. Nutman TB, et al. **J Immunol** 1985 Oct;135(4):2794–9

Suppression of in vitro CML generation by alloactivated lymphocytes: analysis of antigen–nonspecific suppressive mechanisms. Orosz CG, et al. **J Immunol** 1985 Jan; 134(1):45–50

Cell contact–mediated macrophage activation for antileishmanial defense. I. Lymphocyte effector mechanism that is contact dependent and noncytotoxic. Panosian CB, et al. **J Immunol** 1984 Dec;133(6):3358–65

Modulation of lymphocyte function by sensory neuropeptides. Payan DG, et al. **J Immunol** 1985 Aug;135(2 Suppl):783s–786s

Lymphocyte recognition of lymph node high endothelium. VII. Cell surface proteins involved in adhesion defined by monoclonal anti–HEBFLN (A.11) antibody. Rasmussen RA, et al. **J Immunol** 1985 Jul;135(1):19–24

Hybridoma anti–DNA autoantibodies from patients with rheumatoid arthritis and systemic lupus erythematosus demonstrate similar nucleic acid binding characteristics. Rauch J, et al. **J Immunol** 1985 Jan;134(1):180–6

Antibody response of BALB/c mice to dextran B1355S: alterations in the expression of an idiotype associated with the depletion of idiotype–binding cells. Schepart BS, et al. **J Immunol** 1985 Sep;135(3):1690–7

Site–selective homing of antigen–primed lymphocyte populations can play a crucial role in the efferent limb of cell–mediated immune responses in vivo. Spangrude GJ, et al. **J Immunol** 1985 May;134(5):2900–7

Induction of antibody responses to influenza virus in human lymphocyte cultures. I. Role of interleukin 2. Tan PL, et al. **J Immunol** 1985 Sep;135(3):2128–33

A large subpopulation of lymphocytes with T helper phenotype (Leu–3/T4+) exhibits the property of binding to NK cell targets and granular lymphocyte morphology. Velardi A, et al. **J Immunol** 1985 Jan;134(1):58–64

Regulation of IFN–gamma induction in human peripheral blood cells by exogenous and endogenously produced interleukin 2. Vilček J, et al. **J Immunol** 1985 Sep; 135(3):1851–6

Activation of murine spleen cells by lipid A: negative modulation of lipid A mitogenic activity by O–antigen polysaccharide. Vukajlovich SW, et al. **J Immunol** 1985 Oct;135(4):2546–50

Immuno–gold labeling for flow cytometric analysis. Böhmer RM, et al. **J Immunol Methods** 1984 Nov 16;74(1):49–57

Rapid covalent coupling of proteins to cell surfaces: immunological characterization of viable protein–cell conjugates. Christiaansen JE, et al. **J Immunol Methods** 1984 Nov 30;74(2):229–39

A simple rapid method for detection of IL–2 in a physiological medium. De Vos C, et al. **J Immunol Methods** 1984 Nov 30;74(2):375–84

Microtechniques for flow cytometric analysis of aqueous humor lymphocytes. Freeman WR, et al. **J Immunol Methods** 1984 Oct 26;73(2):447–55

Use of an automatic cell harvester in a cellular radioimmunoassay. Gerlier D, et al. **J Immunol Methods** 1984 Dec 14;75(1):159–66

The production of human monoclonal autoantibodies from patients with rheumatoid arthritis by the EBV–hybridoma technique. Haskard DO, et al. **J Immunol Methods** 1984 Nov 30;74(2):361–7

Circadian variations of autologous mixed lymphocyte reactions and endogenous cortisol. Indiveri F, et al. **J Immunol Methods** 1985 Sep 3;82(1):17–24

Enhancement of human MLR by very low concentrations of lipopolysaccharide and blocking of this enhancement by polymyxin B. Spear GT, et al. **J Immunol Methods** 1984 Oct 26;73(2):321–7

Discrimination between innate and cytophilic immunoglobulin on human peripheral blood lymphocytes: analysis by the direct antiglobulin rosette–forming reaction. Wilson AB, et al. **J Immunol Methods** 1984 Dec 31; 75(2):275–88

Toxic–shock–syndrome toxin 1–induced proliferation of lymphocytes: comparison of the mitogenic response of human, murine, and rabbit lymphocytes. Poindexter NJ, et al. **J Infect Dis** 1985 Jan;151(1):65–72

Induction of human interferon gamma in nylon–column nonadherent human lymphocyte cells by heat–treated poly I:poly C. Tamura M, et al. **J Interferon Res** 1985 Winter; 5(1):77–84

Immunophenotype of lymphoid cells in positive patch tests of allergic contact dermatitis. McMillan EM, et al. **J Invest Dermatol** 1985 Mar;84(3):229–33

Impaired cell–mediated immunity in hemophilia. II. Persistence of subclinical immunodeficiency and enhancement of natural killer activity by lymphokines. Lederman MM, et al. **J Lab Clin Med** 1985 Aug; 106(2):197–204

Evidence that X–irradiation and 4–hydroperoxycyclophosphamide affects different lymphocytes that respond to specific antigen in vitro. Clark C, et al. **J Leukocyte Biol** 1985 Feb;37(2):175–91

Human recombinant interleukin–2 is mitogenic to human lymphocytes. Mookerjee BK, et al. **J Leukocyte Biol** 1985 Oct;38(4):553–6

Effect of maturation and age on lymphocyte proliferation induced by A23187 through an interleukin–independent pathway. Wu W, et al. **J Leukocyte Biol** 1985 Oct; 38(4):531–40

Immunostimulatory function of herpes simplex virus isolates from patients with frequent herpes labialis and a deficiency in immune–specific interferon production. Klieman RL, et al. **J Med Virol** 1985 Jul;16(3):289–96

Attempts to transfer experimental allergic neuritis with lymphocytes. Brosnan JV, et al. **J Neuroimmunol** 1984 Sep–Oct;6(6):373–85

Regulation of lymphocyte activation by PGE2 in multiple sclerosis. DuBois JH, et al. **J Neurol Sci** 1984 Aug; 65(2):211–9

Immune functions in Parkinson's disease lymphocyte subsets, concanavalin A–induced suppressor cell activity and in vitro immunoglobulin production. Marttila RJ, et al. **J Neurol Sci** 1985 Jul;69(3):121–31

Corpus Christi strain–induced protection to Trypanosoma cruzi infection in C3H(He) mice: transfer of resistance to Brazil strain challenge with lymphocytes. Rowland EC, et al. **J Parasitol** 1984 Oct;70(5):760–6

Antigen–induced plaque–forming cell responses in cultures of peripheral blood mononuclear cells of human neonates and infants. van Tol MJ, et al. **J Pediatr** 1984 Nov; 105(5):738–44

Adoptive transfer of small bowel intraepithelial and Peyer's patch lymphocytes from orally immunised animals: effects on the antibody response to parenteral antigen. Lyscom N, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):253–5

Surgically induced immunologic alterations in the child. Mollitt DL, et al. **J Pediatr Surg** 1984 Dec;19(6):818–22

Mitogenic activity and in vitro fertilization inhibitory activity of Genypterus blacodes lectin. Oda Y, et al. **J Pharmacobiodyn** 1984 Nov;7(11):849–55

Lymphocyte alloantigens of the horse. II. Antibodies to ELA antigens produced during equine pregnancy. Antczak DF, et al. **J Reprod Immunol** 1984 Aug;6(5):283–97

Monocyte chemotactic factor production in mixed cultures of maternal and neonatal human lymphocytes. Hawes CS, et al. **J Reprod Immunol** 1984 Jul;6(4):261–5

Comparison of the cellular cytotoxic activities of colostral lymphocytes and maternal peripheral blood lymphocytes. Nair MP, et al. **J Reprod Immunol** 1985 May;7(3):199–213 (72 ref.)

The effect of serum from patients with systemic lupus erythematosus on the immune response of normal lymphocytes. Jarrett MP, et al. **J Rheumatol** 1985 Feb; 12(1):81–6

Antibodies to nonhistone nuclear antigens and antilymphocyte antibodies among children and adults with systemic lupus erythematosus and their relatives. Lehman TJ, et al. **J Rheumatol** 1984 Oct;11(5):644–7

Native type II collagen–induced arthritis in the rat. Studies of the humoral response to collagen at the cellular level. Ofosu–Appiah WA, et al. **J Rheumatol** 1984 Aug; 11(4):432–7

Cytotoxic activity of peripheral blood lymphocytes grown with interleukin 2 against autologous cultured tumor cells in patients with renal cell carcinoma: preliminary report. Nakano E, et al. **J Urol** 1985 Jul;134(1):24–8

In vitro enhancement of human natural cell–mediated cytotoxicity by purified influenza virus glycoproteins. Arora DJ, et al. **J Virol** 1984 Dec;52(3):839–45

Induction of antibody to foot–and–mouth disease virus in presensitized mouse spleen cell cultures. Collen T, et al. **J Virol** 1984 Nov;52(2):650–5

Stimulation of proliferation in mixed cultures of mouse tumor cells and nonimmune peritoneal cells. II. Stimulation of tumor cells by macrophages and of lymphocytes by a tumor cell product. Nelson M, et al. **JNCI** 1985 Mar;74(3):637–45

Lysis of fresh human tumor cells by autologous large granular lymphocytes and T–lymphocytes: two distinct killing activities induced by coculture with autologous tumor. Uchida A, et al. **JNCI** 1984 Dec;73(6):1285–92

Host–mediated inhibition of rat bladder cancer growth by cyclophosphamide and purine salvage pathway–related enzyme activity of lymphocytes. Iwaguchi T, et al. **Jpn J Exp Med** 1984 Oct;54(5):201–6

Possible participation of cholestatic factor in the pathogenesis of intrahepatic cholestasis in alcoholic liver disease. Mizoguchi Y, et al. **Jpn J Med** 1985 May;24(2):135–40

Serum proteins and bioregulation. Okubo H. **Jpn J Med** 1985 May;24(2):181–3

Effects of aging on the in vitro response of human lymphocytes to interleukin–2. Yamashita N, et al. **Jpn J Med** 1984 Aug;23(3):211–5

Immunopathology of non–Hodgkin lymphomas. Huber H, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1001–10

In situ immune complexes, lymphocyte subpopulations, and HLA–DR–positive epithelial cells in Hashimoto thyroiditis. Aichinger G, et al. **Lab Invest** 1985 Feb;52(2):132–40

Antiserum to Klebsiella K43 BTS 1 specifically lyses lymphocytes of HLA–B27–positive patients with ankylosing spondylitis from a London population. Archer JR, et al. **Lancet** 1985 Feb 9;1(8424):344–5

Leucocyte leukotriene B4 secretion precedes anergy in burn–injured patients [letter] Braquet M, et al. **Lancet** 1984 Oct 27;2(8409):976–7

Human lymphoid cells express epithelial membrane antigen. Implications for diagnosis of human neoplasms. Delsol G, et al. **Lancet** 1984 Nov 17;2(8412):1124–9

Effect of endogenous androgens on lymphocyte subpopulations [letter] Dunkel L, et al. **Lancet** 1985 Aug 24;2(8452):440–1

Cell markers in lymphoproliferative disease [letter] Geisler C, et al. **Lancet** 1984 Dec 15;2(8416):1394

Antiviral titres, lymphocytic reactions, and low IgA levels in patients with recurrent or persistent symptoms [letter] MacWilliam K, et al. **Lancet** 1985 Mar 30;1(8431):764–5

Controlled trial of treatment of recurrent spontaneous abortion by immunisation with paternal cells. Mowbray JF, et al. **Lancet** 1985 Apr 27;1(8435):941–3

Cross–reactivity of anti–Klebsiella K43 antiserum and lymphocytes from HLA–B27–positive patients with ankylosing spondylitis [letter] Struthers GR. **Lancet** 1985 Mar 30;1(8431):764

Detection of surface membrane antigens by a rosette assay using antibody coupled red cells. Dhaliwal HS. **Leuk Res** 1985;9(6):831–2

Immunodiagnosis of childhood ALL with monoclonal antibodies to myeloid and lymphoid associated antigens. Dinndorf PA, et al. **Leuk Res** 1985;9(4):449–61

A novel monoclonal antibody BI–3C5 recognises myeloblasts and non–B non–T lymphoblasts in acute leukaemias and CGL blast crises, and reacts with immature cells in normal bone marrow. Tindle RW, et al. **Leuk Res** 1985;9(1):1–9

Lymphotoxins: a multicomponent system of cell–lytic lymphocyte–released effector molecules. Granger GA, et al. **Lymphokine Res** 1982;1(2):45–9

Age–dependent decline of natural killer and antibody–dependent cell mediated cytotoxicity activity of human lymphocytes is connected with decrease of their acid phosphatase activity. Myśliwska J, et al. **Mech Ageing Dev** 1985 Jun;31(1):1–11

Lymphocyte surface marker techniques in the routine pathology laboratory. Ridway JC, et al. **Med Lab Sci** 1984 Jul;41(3):246–55

Isolation of antigenic proteins from lymphocytes by binding immune complexes to staphylococcal protein A. Cullen SE. **Methods Enzymol** 1984;108:467–80

Use of fluorescent antibodies in the study of lymphoid cell membrane molecules. Forni L, et al. **Methods Enzymol** 1984;108:413–25

Use of protein A in the detection and quantitation of immunoglobulin G on the surface of lymphocytes. Ghetie V, et al. **Methods Enzymol** 1984;108:405–13

Methods of bursectomy. Glick B, et al. **Methods Enzymol** 1984;108:3–10

Analysis of H–2 and Ia antigens by two–dimensional polyacrylamide gel electrophoresis. Jones PP. **Methods Enzymol** 1984;108:452–66

Ultrastructural localization of surface and intracellular immunoglobulin in human lymphoid cell suspensions. Newell DG. **Methods Enzymol** 1984;108:393–405

Biosynthetic, surface labeling, and isolation of membrane immunoglobulin. Yuan D, et al. **Methods Enzymol** 1984; 108:426–33

Biological and biochemical characterization of macrophage activating factor (MAF) in murine lymphocytes: physiocochemical similarity of MAF to gamma interferon (IFN–gamma). Fukazawa Y, et al. **Microbiol Immunol** 1984; 28(6):691–702

Plasma cell generation inhibition in lymphocyte cultures containing cerebrospinal fluid from children with central nervous system viral infections. Bertotto A, et al. **Microbiologica** 1985 Jan;8(1):11–6

Changes in levels of actin and tubulin mRNAs upon the lectin activation of lymphocytes. McCairns E, et al. **Mol Cell Biol** 1984 Sep;4(9):1754–60

Effect of reduced temperature on glycoprotein (Ig, HLA) processing and transport in lymphoid cells. Brand M, et al. **Mol Immunol** 1985 Jul;22(7):787–94

Contribution of activated C3 to lymphocyte–mediated target lysis: complement–dependent cellular cytotoxicity. Yefenof E, et al. **Mol Immunol** 1984 Dec;21(12):1211–4

Effects of calmodulin antagonists on immune mouse lymphocytes. Wolberg G, et al. **Mol Pharmacol** 1984 Sep; 26(2):286–92

Placental diagnosis of the 'bare lymphocyte' syndrome [letter] Schuurman HJ, et al. **N Engl J Med** 1985 Sep 19; 313(12):757

Expression of asialo GM1 and other antigens and glycolipids on natural killer cells and spleen leukocytes in virus–infected mice. Yang H, et al. **Nat Immun Cell Growth Regul** 1985;4(1):21–39

Immunological markers of peripheral blood and lymph node lymphocytes in Hodgkin's disease. González M, et al. **Neoplasma** 1985;32(2):191–8

Increased incidence of sensitization among patients with polycystic kidney disease following pretransplant blood transfusions. Fehrman I, et al. **Nephron** 1985;40(1):41–7

Association between human lymphocyte antigens B8, DR3 and response to peritonitis in patients undergoing continuous ambulatory peritoneal dialysis [letter] Giacchino F, et al. **Nephron** 1985;40(4):496–7

Neuromodulation of lymphocyte reactivity in aged rats. Cross RJ, et al. **Neurobiol Aging** 1984 Summer;5(2):89–92

Chronic demyelinating neuropathy with IgM–producing lymphocytes in peripheral nerve and delayed appearance of 'benign' monoclonal gammopathy. Julien J, et al. **Neurology (NY)** 1984 Oct;34(10):1387-9

Enkephalins and endorphins: activation molecules for the immune system and natural killer activity? Wybran J. **Neuropeptides** 1985 Feb;5(4-6):371-4

A human lymphocyte antigen is shared with a group of glycoproteins in peripheral nerve. Inuzuka T, et al. **Neurosci Lett** 1984 Sep 28;51(1):105-11

Accelerated regenerative neurite formation by a neuronal surface epitope reactive with the monoclonal antibody, Leu 7. McGarry RC, et al. **Neurosci Lett** 1985 May 14; 56(2):95-100

In vivo kinetics of murine lymphoid cells: in relation to local adoptive cancer immunotherapy. Yamasaki N, et al. **Nippon Geka Hokan** 1984 Jan 1;53(1):67-78

Cross-reactivities of mouse anti-xenogeneic lymphocyte antisera with mouse lymphocytes. Yamamoto H. **Nippon Juigaku Zasshi** 1985 Jun;47(3):371-8

Circulating lymphocytes bearing DR antigens in human melanoma. Jerry LM, et al. **Oncology** 1985;42(1):18-25

Stimulation of autoantibody production in normal blood lymphocytes by malaria culture supernatants. Kataaha PK, et al. **Parasite Immunol** 1984 Sep;6(5):481-92

Transfer of immunity against Hymenolepis nana in mice with lymphoid cells or serum from infected donors. Palmas C, et al. **Parasitology** 1984 Oct;89 (Pt 2):287-93

Tests of association of lymphocyte alloantigen genotypes with resistance to viral oncogenesis in chickens. 2. Rous sarcoma and lymphoid leukosis in progeny derived from 6(3) X 15(1) and 100 X 6(3) crosses. Bacon LD, et al. **Poult Sci** 1985 Jan;64(1):39-47

Murine monoclonal antibodies to the myelin-associated glycoprotein react with large granular lymphocytes of human blood. Dobersen MJ, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):552-5

Induction of experimental allergic encephalomyelitis in Lewis rats with purified synthetic peptides: delineation of antigenic determinants for encephalitogenicity, in vitro activation of cellular transfer, and proliferation of lymphocytes. Mannie MD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5515-9

Complement-dependent cellular cytotoxicity: lymphoblastoid lines that activate complement component 3 (C3) and express C3 receptors have increased sensitivity to lymphocyte-mediated lysis in the presence of fresh human serum. Ramos OF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5470-4

Cytomegalovirus infects human lymphocytes and monocytes: virus expression is restricted to immediate-early gene products. Rice GP, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6134-8

Generation and regulation of autocytotoxicity in mixed lymphocyte cultures: evidence for active suppression of autocytotoxic cells. Rosenkrantz K, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4508-12

Gene repertoire of the anti-poly(Glu60Ala30Tyr10) (GAT) immune response: comparison of VH, V kappa, and D regions used by anti-GAT antibodies and monoclonal antibodies produced after anti-idiotypic immunization. Roth C, et al. **Proc Natl Acad Sci USA** 1985 Jul; 82(14):4788-92

Production of antibody associated with non-A, non-B hepatitis in a chimpanzee lymphoblastoid cell line established by in vitro transformation with Epstein-Barr virus. Shimizu YK, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2138-42

Effect of antilymphocyte serum and neonatal thymectomy upon onset of diabetes in the Chinese hamster. Fletcher-McGruder BL, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):92-7

Histological and immunological evaluation of gnotobiotic C3H/He mice following i.v. administration of 8-aminoguanosine and 2'deoxyguanosine. Herrmann MJ, et al. **Prog Clin Biol Res** 1985;181:455-9

Lectin-mediated modulation of lymphocyte functions. Morrell RM. **Prog Clin Biol Res** 1984;157:149-75

Cytotoxic lymphocytes induced by African swine fever infection. Norley SG, et al. **Res Vet Sci** 1984 Sep; 37(2):255-7

Resistance to Haemonchus contortus transferred between genetically histocompatible sheep by immune lymphocytes. Smith WD, et al. **Res Vet Sci** 1984 Sep;37(2):199-204

IgG antibodies to SS-B (La), RNP/Sm and DNA are produced by PWM-stimulated normal human lymphocytes in culture. Mumford P, et al. **Rheumatol Int** 1985; 5(3):109-12

Monoclonal antibodies and lymphocyte subsets in bronchial-washing liquid. Gennarelli E, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):333-5

The role of viral glycoproteins in mumps virus-mediated antibody-dependent cellular cytotoxity in vitro. Alsheikhly AR, et al. **Scand J Immunol** 1984 Nov;20(5):449-60

Effect of cyclosporin and interleukin-2 on the restoration of in vitro immune responses to cytomegalovirus. Converse PJ, et al. **Scand J Immunol** 1985 Feb;21(2):109-18

Secondary immunization with a protein antigen (tetanus toxoid) in man. Characterization of humoral and cell-mediated regulatory events. Donnenberg AD, et al. **Scand J Immunol** 1984 Oct;20(4):279-89

Lymphocyte markers in human leukemias and lymphomas: methodologic remarks. Preud'homme JL, et al. **Semin Hematol** 1984 Oct;21(4):296-301

Human tumor-infiltrating lymphocytes: a marker of host response. Vose BM, et al. **Semin Hematol** 1985 Jan; 22(1):27-40 (119 ref.)

Non T lymphoid cells can express T cell surface characteristics: normal, HCL, and a range of leukemic B cells express T cell antigens after appropriate in vitro stimulation. Worman CP, et al. **Semin Oncol** 1984 Dec; 11(4):401-4

Spontaneous lymphocyte activity: an important but neglected component of the immunologic profile of the thermally injured patient. Deitch EA. **Surgery** 1985 Sep;98(3):587-93

Technical considerations in immunohistology of lymphoid cell membrane antigens. Giorno R. **Surv Synth Pathol Res** 1984;3(2):165-88 (103 ref.)

Pulmonary sarcoidosis: alterations in bronchoalveolar lymphocytes and T cell subsets. Greening AP, et al. **Thorax** 1985 Apr;40(4):278-83

Epithelial-like cells containing lymphocytes (nurse cells) in human adenoids and tonsils. Manconi PE, et al. **Thymus** 1984;6(6):351-7

Association of HLA-DR3 with an increase in peripheral blood lymphocytes. McKenna R, et al. **Tissue Antigens** 1984 Jul;24(1):63-4

Automated reading of Propidium Iodide lymphocytotoxicity tests for HLA-DR, MB, MT typing. Naipal AM, et al. **Tissue Antigens** 1984 Nov;24(5):302-6

Different functions and associations of HLA-DR and HLA-DQ(DC) antigens shown by serological, cellular and DNA assays. Navarrete C, et al. **Tissue Antigens** 1985 Mar; 25(3):130-41

Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells (TEC). VIII: Gamma interferon induced Ia antigen expression on TEC cultures. Salamero J, et al. **Tissue Antigens** 1985 May;25(5):266-77

Cross reaction of monoclonal antibodies to human MHC class I and class II products with bovine lymphocyte subpopulations. Spooner RL, et al. **Tissue Antigens** 1984 Oct;24(4):270-7

Utilization of murine peripheral blood lymphocytes for H-2 typing. Watson AL, et al. **Tissue Antigens** 1984 Sep; 24(3):150-4

Hodgkin's disease: in vitro susceptibility of skin fibroblasts to infection with virus and to lysis by autologous lymphocytes. Ebbesen P, et al. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):485-95

Interpretation of lymphocytotoxicity assays and the demonstration of auto-tumor reactive lymphocytes in patients: central issues of present day tumor immunology. Klein E. **Tokai J Exp Clin Med** 1983 Dec;8(5-6):385-98 (61 ref.)

Mitogen response of lymphocytes in platelet concentrates. Effect of storage and adenine. Margo B, et al. **Transfusion** 1984 Sep-Oct;24(5):386-7

Immunologic studies of red cell antigens in the renal transplant patient. Ishibashi M, et al. **Transplant Proc** 1984 Dec;16(6):1509-11

Immunologic monitoring of patients awaiting transplantation and subjected to lymphocyte removal. Niblack GD, et al. **Transplant Proc** 1984 Dec;16(6):1443-5

Comparison of modes of action of different immunosuppressive agents. Olson SA, et al. **Transplant Proc** 1984 Dec;16(6):1637-8

Evaluation of lymphocyte subsets and suppressor cell function in long-term renal transplant recipients. Redlich PN, et al. **Transplant Proc** 1984 Dec;16(6):1555-7

Cell-mediated immunity to donor-specific antigen in heart transplantation. Zerbe TR, et al. **Transplant Proc** 1984 Dec; 16(6):1514-6

Lymphocyte function in patients treated with monoclonal anti-T3 antibody for acute cadaveric renal allograft rejection. Bowen A, et al. **Transplantation** 1984 Nov; 38(5):489-93

Fixation of human complement by lymphocytotoxic sera. Chang RS, et al. **Transplantation** 1985 Jun;39(6):682-4

Reactivity of lymphocyte cytotoxic autoantibodies from renal patients with cell line K562. Deierhoi MH, et al. **Transplantation** 1984 Nov;38(5):557-8

Cell-mediated cytotoxicity patterns of cloned cytotoxic T lymphocytes. Cytotoxicity directed against canine lymphoblasts, monocytes, and endothelial cells. Groenewegen G, et al. **Transplantation** 1985 Jun; 39(6):657-60

Generation of mouse cytolytic T cells against human concanavalin A blasts. Involvement of non-MHC determinants in the antihuman response. Guillou PJ, et al. **Transplantation** 1985 Feb;39(2):157-62

Lymphocyte sensitivity to glucocorticoids before and after cadaver kidney transplantation. Langhoff E, et al. **Transplantation** 1985 Mar;39(3):318-20

Control values of lymphocyte subsets in healthy volunteers [letter] Lennard TW, et al. **Transplantation** 1985 Sep; 40(3):341-2

A naturally occurring bone-marrow-chimeric primate. I. Integrity of its immune system. Picus J, et al. **Transplantation** 1985 Mar;39(3):297-303

Genetic unresponsiveness to a murine fibrosarcoma determined by the host genetic environment but not by lymphocyte precursor genotype. Colombo MP, et al. **Tumori** 1985 Apr 30;71(2):91-6

A new surface marker on equine peripheral blood lymphocytes. I. Subpopulations of lymphocytes with receptors for Helix pomatia A hemagglutinin (HP). Broström H, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):35-46

A new surface marker on equine peripheral blood lymphocytes. II. Characterization and separation of purified blood lymphocytes with receptors for Helix pomatia A hemagglutinin (HP). Broström H, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):47-61

Cell-mediated cytotoxicity of bovine mononuclear cells to IBRV-infected cells: dependence on Sephadex G-10 adherent cells. Campos M, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):363-75

Inability to detect a K cell in bovine peripheral blood leukocytes. Campos M, et al. **Vet Immunol Immunopathol** 1985 Apr;8(4):351-62

The culturing of pig peripheral blood lymphocytes in microelisa wells for the direct measurement of a specific antibody response. Hammerberg C, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):139-52

In vitro reactivity to concanavalin A of bovine lymphocytes after cryopreservation. Kuil H. **Vet Immunol Immunopathol** 1984 Aug;7(1):89-98

Partial characterization of bovine leukemic cell populations. Mikalauskiene G, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):275-83

Feline one-way mixed leukocyte reaction. Stiff MI, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):1-9

Existence of cytotoxic activity against BLV-transformed cells in lymphocytes from normal cattle and sheep. Yamamoto S, et al. **Vet Immunol Immunopathol** 1985 Jan; 8(1-2):63-78

The immune reactivity of the regional and distant lymph nodes to autochthonous ovine squamous cell carcinomata. Al-Yaman FM, et al. **Vet Immunol Immunopathol** 1985 Jul; 9(3):261-72

Reconstitution of immunosuppression mice with mononuclear cells from donors sensitized to foot-and-mouth disease virus (FMDV). Borca MV, et al. **Vet Microbiol** 1984 Dec;10(1):1-11

Resistance of chickens immunized against Mycoplasma gallisepticum is mediated by bursal dependent lymphoid cells. Lam KM, et al. **Vet Microbiol** 1984 Sep;9(5):509-14

Detection of antibody to Theileria parva schizonts and cell surface membrane antigens of infected lymphoblastoid cells by immunoperoxidase techniques. Cowan KM, et al. **Vet Parasitol** 1984 Sep;15(3-4):223-37

In vitro growth of two related leporipoxviruses in lymphoid cells. Strayer DS, et al. **Virology** 1985 Sep;145(2):330-4

Immune function in blood donors following short-term lymphocytapheresis. Blanchette VS, et al. **Vox Sang** 1985; 49(2):101-9

A comparison between Fc receptors for IgG1 and IgG3 on human monocytes and lymphocytes using anti-Rh antibodies. Zupańska B, et al. **Vox Sang** 1985;49(1):67-76

Dose rate dependence of radiation induced IgG membrane receptor alteration [1]. Ojeda F, et al. **Z Naturforsch [C]** 1984 Sep-Oct;39(9-10):1021-2

Characterization of Theileria annulata infected lymphoblastoid cells. Ahmed JS, et al. **Z Parasitenkd** 1984; 70(6):819-21

[Observation of the lymphocyte electrophoretic mobility (LEM) test in tumor-bearing mice] Ruan MR. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):322-5 (Eng. Abstr.) **(Chi)**

[In-vitro reactivity of lymphocyte function in chronic uremia] Fan CD, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):668-74 (Eng. Abstr.) **(Chi)**

[Negative reaction of monoclonal antibody W 6/32 with the lymphocytes of 6 individuals] Májský A, et al. **Cas Lek Cesk** 1984 Jul 13;123(28):868-70 (Eng. Abstr.) **(Cze)**

[The effect of auranofin on lymphocyte functions in vitro] Strejček J, et al. **Cas Lek Cesk** 1985 Aug 16;124(33):1045-7 (Eng. Abstr.) **(Cze)**

[In situ characterization of immunologically competent cells during the growth of a transplanted murine sarcoma] De Graef-Lovens D, et al. **C R Soc Biol (Paris)** 1985; 179(1):128-36 (Eng. Abstr.) **(Fre)**

[Phenotype of the mononuclear cells of the cornea in ocular herpes] Colin J, et al. **J Fr Ophtalmol** 1985;8(1):55-7 (Eng. Abstr.) **(Fre)**

[Monoclonal antibodies against surface antigens of lymphoblasts and blood cells or bone marrow recognize constituents of the human nephron] Perrot JY, et al. **Nephrologie** 1984;5(2):53-7 (Eng. Abstr.) **(Fre)**

[Clinical lymphocyte markers: interpretation and indications] Preud'homme JL. **Presse Med** 1985 Mar 23;14(12):669-71 **(Fre)**

[Experiments on the production of monoclonal antibodies against lymphocyte antigens in cattle with enzootic cattle leukosis] Behn I, et al. **Allerg Immunol (Leipz)** 1985; 31(1):25-8 (Eng. Abstr.) **(Ger)**

[Mechanisms in the induction and maintenance of transplantation tolerance: an overview] Siegl E, et al. **Allerg Immunol (Leipz)** 1984;30(2):74-82 (Eng. Abstr.) **(Ger)**

[Monoclonal antibodies against differentiation antigens of carp thymocytes (Cyprinus carpio L.)] Typlt H. **Allerg Immunol (Leipz)** 1985;31(1):29-32 (Eng. Abstr.) **(Ger)**

[Production of gp 51 of bovine leukosis virus in tumor tissue cells without lysis of cells by cytotoxic antibodies against gp 51] Ristau E, et al. **Arch Exp Veterinarmed** 1984 Sep; 38(5):722-8 (Eng. Abstr.) (Ger)

[Effect of psoriasis serum on rosette formation in nonpsoriasis donor lymphocytes] Schwartze G, et al. **Dermatol Monatsschr** 1985;171(1):58-60 (Ger)

[Analysis of surface markers on cerebrospinal fluid-producing cells. Contribution to the differential diagnosis of intrathecal lymphomas] Hohlfeld R, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1760-2 (Eng. Abstr.) (Ger)

[Lymphokine production in vitro by blood lymphocytes from patients with a defective or hyperactive immune system] Gronewold P, et al. **Immun Infekt** 1984 Nov;12(6):287-97 (Eng. Abstr.) (Ger)

[Lymphocyte function in children with iron deficiency] Grosch-Wörner I, et al. **Klin Wochenschr** 1984 Nov 15; 62(22):1091-3 (Eng. Abstr.) (Ger)

[The effect of di-n-octyl tin dichloride (DOTC) on immunocompetent organs and immunoreactivity of rats] Gründel M, et al. **Pharmazie** 1984 Aug;39(8):565-9 (Eng. Abstr.) (Ger)

[Infiltration pattern of immunocompetent lymphocytes in the tissue of malignant non-Hodgkin's lymphoma: relationship to histological and clinical parameters] Gattringer C, et al. **Wien Klin Wochenschr** 1985 Mar 1;97(5):258-63 (Eng. Abstr.) (Ger)

[Lymphocyte subpopulations in psoriatic arthritis] Schnabel I, et al. **Z Gesamte Inn Med** 1984 Nov 1;39(21):539-40 (Eng. Abstr.) (Ger)

[Separation and differentiation of immunocompetent cells in swine and cattle] Buschmann HG. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):603-22 (80 ref.) (Eng. Abstr.) (Ger)

[Study of surface markers on lymphocytes in the pleural fluid of cancer patients] di Matteo L, et al. **Arch Monaldi** 1984 Jul-Aug;39(4):307-12 (Eng. Abstr.) (Ita)

[Evaluation of the immune function of patients undergoing radiotherapy: results after 18 months] Monti G, et al. **Boll Ist Sieroter Milan** 1985;64(2):142-5 (Eng. Abstr.) (Ita)

[Immunological parameters in subjects with essential arterial hypertension. I. Lymphocyte subpopulations] Obbiassi M, et al. **Boll Ist Sieroter Milan** 1982;61(6):487-93 (Eng. Abstr.) (Ita)

[Activation of the alternative complement pathway by Newcastle disease virus. II) Effects mediated by infected lymphoid cells in vitro] Salerno A, et al. **Boll Soc Ital Biol Sper** 1984 Aug 31;60(8):1607-11 (Eng. Abstr.) (Ita)

[Lymphocytic and lymphocytoactive components in the etiopathogenic mechanisms of systemic lupus erythematosus. An analysis of the literature] Angela GC, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):25-42 (53 ref.) (Eng. Abstr.) (Ita)

[Production of the leukocyte inhibitory factor (LIF) by peripheral blood lymphocytes in vitro and LIF-like plasma activity in paraproteinemic patients] Puppo F, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):394-402 (Eng. Abstr.) (Ita)

[Effect of human insulin on clinical remission and the immunologic aspect newly-diagnosed type 1 (insulin-dependent) diabetes mellitus] Giordano C, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):121-3 (Eng. Abstr.) (Ita)

[Behavior of lymphocyte subpopulations in acute lymphoblastic leukemia in children] Sciotto A, et al. **Minerva Pediatr** 1984 May 31;36(10):519-24 (Eng. Abstr.) (Ita)

[Functional properties and membrane markers of lymphocytes in stored blood for transfusion] Molaro GL, et al. **Riv Emoter Immunoematol** 1984;31(1):63-72 (Eng. Abstr.) (Ita)

[Study on the immune response in patients with chronic renal failure, with special reference to the peripheral blood lymphocyte subpopulation] Miyazawa S. **Fukuoka Igaku Zasshi** 1984 Aug;75(8):469-83 (Eng. Abstr.) (Jpn)

[Analysis of cell surface properties by flow-cytometry in malignant lymphoma] Uemura H, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):385-7 (Jpn)

[Liver regeneration and the immune system. II. Suppressor activities of lymphocytes activated in vivo by liver regeneration and their genetic control] Miyahara S. **Nippon Geka Gakkai Zasshi** 1984 Oct;85(10):1308-16 (Eng. Abstr.) (Jpn)

[Analysis of lymphocytes infiltrated in cancer tissues of patients during radiation therapy by the method of monoclonal antibodies of lymphocyte subsets] Hamada F, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):407-26 (Eng. Abstr.) (Jpn)

[Demonstration of Epstein-Barr virus (EBV)-related antigens and tumorigenicity in nude mice in a hybrid cell line derived from the fusion of an EBV-positive lymphoblastoid cell and an EBV-negative epithelial cell from the human nasopharynx] Ishiguro H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun;87(6):693-707 (Eng. Abstr.) (Jpn)

[BCG immunotherapy as an adjuvant to surgery in lung cancer. An analysis of lymphocyte subsets of the peripheral blood using monoclonal antibodies] Miyazawa N, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):56-61 (Eng. Abstr.) (Jpn)

[A case of sino-bronchiectasis associated with lack of HLA A, B and C antigens] Sugiyama Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):413-8 (Eng. Abstr.) (Jpn)

[Symposium on mechanisms of host defense from fundamental and clinical medicine. 1. Serum proteins and bioregulation] Okubo H. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1742-6 (Jpn)

[Studies on the condition of human lymphocyte blast transformation by PHA] Sato M, et al. **Rinsho Byori** 1985 Jun;33(6):663-8 (Jpn)

[Assay of micro-immunoglobulins in the culture supernatants of lymphocytes by ELISA] Tsubo S, et al. **Rinsho Byori** 1984 Nov;32(11):1247-52 (Jpn)

[Studies on cytotoxicity against synovial cells in juvenile rheumatoid arthritis. 1. Cytotoxicity of patients' sera with normal lymphocytes to cultured synovial cells of rats] Takei S, et al. **Ryumachi** 1984 Oct;24(5):335-44 (Eng. Abstr.) (Jpn)

[Immunology of malignant ovarian tumors. I. Familial occurrence, antigens and specific immunity] Markowska J. **Ginekol Pol** 1984 Sep;55(9):695-700 (39 ref.) (Eng. Abstr.) (Pol)

[Limitations of studies on the functions of the human immune system] Klinger M. **Wiad Lek** 1985 Jan 1;38(1):40-5 (32 ref.) (Eng. Abstr.) (Pol)

[Effect of initial absolute lymphocyte count on persistence of HBs antigenemia in acute viral hepatitis] Ptaszkowski K. **Wiad Lek** 1984 Jul 15;37(14):1079-81 (Eng. Abstr.) (Pol)

[Functional state of the lymphoid system in children born to healthy mothers and to those with a risk of perinatal pathology] Stepanova EI, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):62-4 (Eng. Abstr.) (Rus)

[Macrophages and lymphoid cells exposed to antigenic stimulation] Aznaurian AV, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):56-8 (Eng. Abstr.) (Rus)

[Interrelation of immune and mediator lymphocyte receptors in mice] Ado AD, et al. **Biull Eksp Biol Med** 1985 May; 99(5):589-90 (Eng. Abstr.) (Rus)

[Use of monoclonal antibodies against the light-chain immunoglobulins of the rat in the radioimmune analysis of differentiated lymphocyte antigens of the mouse] Chervonskiĭ AV, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):322-4 (Eng. Abstr.) (Rus)

[Immunity to embryonal stage-specific antigens in viral carcinogenesis] Ageenko AI, et al. **Eksp Onkol** 1985; 7(2):38-9 (Eng. Abstr.) (Rus)

[Possible role of Bac. megaterium H antigens common with tumor antigens in the increase of the antitumor activity of lymphocytes] Zatula DG, et al. **Eksp Onkol** 1984; 6(3):45-7 (Eng. Abstr.) (Rus)

[Structure of the circulating lymphoid pool in idiopathic thrombocytopenic purpura in children] Omarova KO, et al. **Gematol Transfuziol** 1984 Aug;29(8):24-8 (Eng. Abstr.) (Rus)

[Disordered functional activity of the immunocompetent cells in burn injury] Petrov SR, et al. **Klin Khir** 1985 Mar; (3):17-8 (Eng. Abstr.) (Rus)

[Effect of the method of performing the rosette formation reaction on the relation between rosette-forming lymphocytes and neutrophils] Avdeeva VS, et al. **Lab Delo** 1984;(10):611-4 (Eng. Abstr.) (Rus)

[Detection of sensitized lymphocytes in myocardial infarct by the active rosette formation inhibition reaction] Reizenbuk VG, et al. **Lab Delo** 1985;(1):38-40 (Eng. Abstr.) (Rus)

[Functional activity of lymphocyte immunoregulatory subpopulations in periodontal diseases] Isaev VN, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):22-4 (Eng. Abstr.) (Rus)

[Changes in lymphocyte and neutrophil rosette formation in patients with microbial eczema and tinea pedis] Fedotov VP, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):16-9 (Eng. Abstr.) (Rus)

[Effect of non-ionizing microwave radiation on the indicators of cellular immunity (review of the literature)] Rudakov IA, et al. **Vrach Delo** 1985 Apr;(4):96-9 (Rus)

[Changes in the population composition of the peripheral blood lymphocytes and the humoral immune response of persons inoculated with live influenza vaccines] Bukovskaia SN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov; (11):95-100 (Eng. Abstr.) (Rus)

[Current concepts of lymphocytic chalones as endogenous immunomodulators] Ketlinskiĭ SS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):9-17 (52 ref.) (Rus)

[Tumors of lymphoid tissue as experimental models for the study of lymphocyte function] Petrović LM, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):505-14 (Eng. Abstr.) (Scc)

[Heterogeneity of surface characteristics of lymphoid cells altered by malignancy] Batinić D, et al. **Lijec Vjesn** 1985 Jul;107(7):273-7 (Eng. Abstr.) (Scr)

[Humoral and cellular immunity in simple trisomy 21—Down's syndrome] Getlík A, et al. **Bratisl Lek Listy** 1985 Jun;83(6):598-604 (Eng. Abstr.) (Slo)

[Stimulatory effect of vitamin A on T and B lymphocytes in experimental ascariasis in pigs] Borošková Z, et al. **Vet Med (Praha)** 1985 Jun;30(6):331-6 (Eng. Abstr.) (Slo)

[Patients with acquired immunodeficiency syndrome (AIDS) have peripheral blood lymphocytes expressing plasma-cell differentiation antigens] Ruiz-Argüelles GJ, et al. **Rev Invest Clin** 1984 Apr-Jun;36(2):99-101 (Eng. Abstr.) (Spa)

METABOLISM

Direct visualization of binding, aggregation and internalization of human growth hormone in cultured human lymphocytes. Eshet R, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):9-15

Effect of enzyme and enzyme inhibitors on specific binding of hGH to human peripheral lymphocytes. Kiess W, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):139-44

5-Hydroxytryptamine releasing activity in culture supernatants of guinea pig lymphocytes. Hagen M, et al. **Agents Actions** 1984 Oct;15(3-4):264-6

Cyclosporin A (Sandimmun) modulates the Ca2+ uptake of mitogen-stimulated lymphocytes. Hiestand PC. **Agents Actions** 1984 Dec;15(5-6):556-61

Cell surface fibronectin on peripheral blood lymphocytes in normal individuals and in patients with acute and chronic lymphocytic leukemia and non Hodgkin's lymphoma. Cseh K, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb; 13(1):35-40

Effect of hyperoxia on the carbohydrate metabolism of human lymphocytes. Sagone AL Jr. **Am J Hematol** 1985 Mar;18(3):269-74

Cyclic GMP levels in interferon treated cells. Rochette-Egly C, et al. **Antiviral Res** 1985 Jun;5(3):127-35

One-carbon metabolism in lectin-activated human lymphocytes. Rowe PB, et al. **Arch Biochem Biophys** 1985 Jan;236(1):277-88

Transport of [125I] IgG and [125I] ovalbumin between lymphocyte-like and macrophage-like rat spleen cells: chromatin binding. Rakowicz-Szulczyńska EM, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):665-9

Distribution of intraperitoneally injected [125I] BSA in cytoplasm, nucleoplasm and chromatin of lymphocyte-like and macrophage-like rat spleen cells. Rakowicz-Szulczyńska EM, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):659-63

Identical binding properties of (+/-)- and (-)-125Iodocyanopindolol to beta 2-adrenoceptors in intact human lymphocytes. O'Hara N, et al. **Arch Int Pharmacodyn Ther** 1984 Nov;272(1):24-39

Familial hypercholesterolaemia: esterification of cholesterol in lymphocytes from homozygous and heterozygous subjects. Hammond KD, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):355-60

The respiration and energy metabolism of sheep lymphocytes. Cheung K, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):671-85

Metabolic effects of poly (ADP-ribose) inhibitors. Milam KM, et al. **Basic Life Sci** 1985;31:25-31

Direct enzyme transfer from lymphocytes corrects a lysosomal storage disease. Abraham D, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):417-25

Transformation and growth related changes in levels of nuclear and cytoplasmic proteins antigenically related to mammalian beta-galactoside-binding lectin. Carding SR, et al. **Biochem Biophys Res Commun** 1985 Mar 15; 127(2):680-6

Stimulation of tyrosine phosphorylation in lectin treated human lymphocytes. Fischer S, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):682-9

Stimulation of hexose uptake in rat thymic lymphocytes by phorbol ester. A role for Ca2+ and Na+/H+ exchange? Klip A, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):14-22

Quantitative analysis of lymphocyte-Salmonella interaction and effect of lymphocyte irradiation by Helium-Neon laser. Passarella S, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):546-52

Cultured tonsillar lymphocytes excrete [3H]thymidine labeled DNA and revert to resting state. Sasvari-Szekely M, et al. **Biochem Biophys Res Commun** 1984 Dec 28; 125(3):1110-6

Differences in the binding, internalization and catabolism of low-density lipoprotein between normal human T and B lymphocytes. Sanghvi A, et al. **Biochem J** 1985 Apr 15; 227(2):397-404

Receptor-binding and down-regulatory properties of 22000-Mr human growth hormone and its natural 20000-Mr variant on IM-9 human lymphocytes. Smal J, et al. **Biochem J** 1985 Jan 15;225(2):283-9

Differential incorporation of 2'-deoxyadenosine into human peripheral lymphocytes. Burgess FW, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3353-60

Fc receptors on lymphocytes and K cells. Gergely J, et al. **Biochem Soc Trans** 1984 Oct;12(5):739-43

Role of fatty acid structure in the reversible activation of phosphatidylcholine synthesis in lymphocytes. Anderson KE, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):360-8

A sensitive method to introduce membrane-bound proteins into recipient cells based on affinity enrichment of lipid vesicles to the recipient cell prior to fusion. Eriksson H, et al. **Biochim Biophys Acta** 1985 May 28;815(3):417-25

Alterations of inosinate branchpoint enzymes in cultured human lymphoblasts. Gruber HE, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):135-44

3T3 fibroblasts release a low-molecular-weight inhibitory peptide of lymphocyte DNA synthesis into serum–free culture medium. Okai Y. **Biochim Biophys Acta** 1984 Nov 28;802(2):287–91

A kinetic analysis of hexose transport in cultured human lymphocytes (IM–9). Rees WD, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):98–106

Enhanced turnover of arachidonic acid–containing species of phosphatidylinositol and phosphatidic acid of concanavalin A–stimulated lymphocytes. Sugiura T, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):190–8

High tyrosine–specific protein kinase activity in normal human peripheral blood lymphocytes. Trevillyan JM, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):1–9

Induction and augmentation of mitogen–induced immune interferon production in human lymphocytes by a synthetic thymopoietin pentapeptide. Diezel W, et al. **Biomed Biochim Acta** 1984;43(6):K9–12

Self–exchange of sodium in human lymphocytes. Negendank W, et al. **Biophys J** 1984 Sep;46(3):331–42

In vitro analysis of the homing properties of human lymphocytes: developmental regulation of functional receptors for high endothelial venules. Jalkanen ST, et al. **Blood** 1985 Sep;66(3):577–82

Sudanophilia of rat lymphocytes. Berger J. **Blut** 1985 Feb; 50(2):109–12

Sulphinpyrazone increases lymphocyte beta–adrenoceptors in man. De Blasi A, et al. **Br J Clin Pharmacol** 1984 Dec; 18(6):963–4

Ethnic differences in human lymphocytic cyclic AMP production after isoprenaline stimulation and propranolol blockade. Venter CP, et al. **Br J Clin Pharmacol** 1985 Feb; 19(2):187–90

Rapid qualitative changes in mRNA populations in cultured human lymphocytes: comparison of the effects of cycloheximide and concanavalin A. Forsdyke DR. **Can J Biochem Cell Biol** 1984 Sep;62(9):859–64

Production of multiple cytokines by clones of human large granular lymphocytes. Allavena P, et al. **Cancer Immunol Immunother** 1985;19(2):121–6

Generation of tumor cell–reactive human monoclonal antibodies using peripheral blood lymphocytes from actively immunized colorectal carcinoma patients. Haspel MV, et al. **Cancer Res** 1985 Aug;45(8):3951–61

Comparison of specificity of inhibition of polyamine synthesis in bovine lymphocytes by ethylglyoxal bis(guanylhydrazone) and methylglyoxal bis(guanylhydrazone). Igarashi K, et al. **Cancer Res** 1984 Nov;44(11):5326–31

Effects of guanine ribonucleotide accumulation on the metabolism and cell cycle of human lymphoid cells. Sidi Y, et al. **Cancer Res** 1985 Oct;45(10):4940–5

Transcription cell type specificity is conferred by an immunoglobulin VH gene promoter that includes a functional consensus sequence. Mason JO, et al. **Cell** 1985 Jun;41(2):479–87

Lymphocyte lactate dehydrogenase isoenzymes in association with depressed mitogen responsiveness. Hannigan B, et al. **Cell Biol Int Rep** 1984 Oct;8(10):857–65

Characterization of cell lines enhancing IL–2 production by human phytohemagglutinin–stimulated lymphocytes. Gramatzki M, et al. **Cell Immunol** 1985 Jan;90(1):142–53

Lymphocytes express a diverse array of specific receptors for sulfated polysaccharides. Parish CR, et al. **Cell Immunol** 1985 Mar;91(1):201–14

A murine cell line (2E10.4.13) produces five hemopoietic stimulators, and interleukin–2 and interleukin–3. Kajigaya S, et al. **Cell Struct Funct** 1985 Jun;10(2):121–31

Small nuclear RNA–protein complex anchors on the actin filaments in bovine lymphocyte nuclear matrix. Nakayasu H, et al. **Cell Struct Funct** 1984 Dec;9(4):317–25

Xenobiotic metabolism and mutation in a human lymphoblastoid cell line. Crespi CL, et al. **Chem Biol Interact** 1985 May;53(3):257–71

Liquid–chromatographic measurement of purine nucleotides in blood cells. Boulieu R, et al. **Clin Chem** 1985 May; 31(5):727–31

Serum and lymphocyte, aluminum and nickel in chronic renal failure. Wills MR, et al. **Clin Chim Acta** 1985 Jan 30; 145(2):193–6

Lymphoid cells produce an immunoregulatory glucocorticoid increasing factor (GIF) acting through the pituitary gland. Besedovsky HO, et al. **Clin Exp Immunol** 1985 Mar;59(3):622–8

Antibody to bacteriophage phi X 174 synthesized by cultured human peripheral blood lymphocytes. Bohnsack J, et al. **Clin Exp Immunol** 1985 Mar;59(3):673–8

Relationship between immune system and gram negative bacteria. I. Spontaneous binding of smooth and rough Salmonella to human peripheral blood lymphocytes. Jirillo E, et al. **Clin Exp Immunol** 1984 Oct;58(1):167–73

Antigen–induced inhibition of human in vitro spontaneous IgE synthesis. I. Factors and kinetic studies. Ureña V, et al. **Clin Exp Immunol** 1985 Mar;59(3):687–94

Cell surface analyses of the age–dependent changes in the electrokinetic properties of human peripheral blood lymphocytes. Gomariz–Zilber E, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):352–62

Activity of helix: destabilizing protein in lymphocytes of patients with glomerulopathies and with chronic renal insufficiency. Prutis KB, et al. **Clin Nephrol** 1985 Mar; 23(3):142–7

Relative DNA content in lymphocytes and buccal mucosa of patients with sex chromosomal anomalies. Sen S, et al. **Cytobios** 1985;42(166):87–91

Analysis of insulin receptors on human lymphoblastoid cell lines by flow cytometry. Maron R, et al. **Diabetologia** 1984 Jul;27 Suppl:118–20

Polypeptide hormone receptor phosphorylation: is there a role in receptor–mediated endocytosis of human growth hormone? Asakawa K, et al. **Endocrinology** 1985 Aug; 117(2):631–7

Estrogen receptors and estrogen sensitivity of fetal thymocytes are restricted to blast lymphoid cells. Gulino A, et al. **Endocrinology** 1985 Jul;117(1):47–54

Cyclic AMP metabolism in peripheral blood lymphocytes from patients with Hodgkin's disease. Akolkar PN, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1389–92

Human monocyte cytotoxin is not identical with lymphoblastoid lymphotoxin. Matthews N. **Eur J Immunol** 1985 Mar;15(3):311–3

Synthesis and release of plasminogen activator by lymphoid cell lines of malignant origin and its effect on lymphocyte cytotoxicity. Sundar SK, et al. **Exp Biol** 1985;43(4):277–85

A method to measure receptor binding of ligands with low affinity. Application to plasma proteins binding assay with hemopoietic cells. Levesque JP, et al. **Exp Cell Res** 1985 Feb;156(2):558–62

Significant non–S–phase DNA synthesis visualized by flow cytometry in activated and in malignant human lymphoid cells. Neckers LM, et al. **Exp Cell Res** 1985 Feb; 156(2):429–38

The control of transferrin receptor synthesis in mitogen–stimulated human lymphocytes. Pauza CD, et al. **Exp Cell Res** 1984 Oct;154(2):510–20

Amino acid control of protein degradation in normal and leukemic human lymphocytes. Seglen PO, et al. **Exp Cell Res** 1984 Nov;155(1):121–8

Augmentation of mitogen–induced interferon production in lymphocytes by thymosin. Diezel W, et al. **Exp Clin Endocrinol** 1984 Jul;84(1):99–104

Differential binding of conA and WGA on the cell surface, the role of sialic acid in their expression and the increased activity of sialidase after cis–Platin treatment. Sodhi A, et al. **Experientia** 1985 Jan 15;41(1):93–5

Low affinity of the receptor for 1 alpha,25–dihydroxyvitamin D3 in the marmoset, a New World monkey. Liberman UA, et al. **FEBS Lett** 1985 Mar 25;182(2):385–8

Neurotransmitters, hormones, and cyclic nucleotides in lymphocyte regulation. Coffey RG, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):112–7 (62 ref.)

Na+/H+ exchange in volume regulation and cytoplasmic pH homeostasis in lymphocytes. Grinstein S, et al. **Fed Proc** 1985 Jun;44(9):2508–12

Lectin binding properties of human follicular center lymphocytes and follicular (nodular) lymphomas. Strauchen JA. **Hematol Oncol** 1985 Jan–Mar;3(1):11–23

Production of interleukin 2 in human peripheral blood lymphocytes: optimal condition for its culture. Yamakido M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):43–51

Cytochemistry of lymphoid cells: a review of findings in the normal and leukaemic state. Crockard AD. **Histochem J** 1984 Oct;16(10):1027–50 (87 ref.)

Effect of zinc on insulin binding to rat adipocytes and hepatic membranes and to human placental membranes and IM–9 lymphocytes. Herington AC. **Horm Metab Res** 1985 Jul; 17(7):328–32

Partial peripheral resistance to thyroid hormones, a post–receptor defect? Lamberg BA, et al. **Horm Metab Res [Suppl]** 1984;14:20–3

Bioassay of growth–stimulating activity of serum: comparison of lymphocyte and cartilage assays in normal and growth hormone–deficient children. Bozzola M, et al. **Horm Res** 1985;21(2):102–6

Nuclear thyroxine receptors and cellular metabolism of thyroxine in obese subjects before and after fasting. Kvetny J. **Horm Res** 1985;21(1):60–5

Fibronectin on the surface of human lymphocytes. Cseh K, et al. **Immunol Lett** 1985;9(6):301–5

The functional association of Lyt antigens with lymphokine production. Hollander N, et al. **Immunology** 1985 Jan; 54(1):25–33

Binding and uptake of mercuric chloride in human lymphoid cells. Nordlind K. **Int Arch Allergy Appl Immunol** 1985; 77(4):405–8

Decreased calcium dependence of lymphoblastoid cell lines compared with Burkitt lymphoma cell lines. Parsons PG, et al. **Int J Cancer** 1985 Jun 15;35(6):743–7

Changes of lymphocyte beta–adrenergic receptors after surgical stress. Eandi M, et al. **Int J Clin Pharmacol Res** 1984;4(5):349–54

Monocyte thromboplastin (tissue factor): complementary effect of lymphocytes upon its generation by endotoxin–stimulated monkey (Macaca fuscata) cells. Nakamura S, et al. **J Biochem (Tokyo)** 1985 Jun; 97(6):1603–9

Phosphoribosylpyrophosphate synthesis from glucose decreases during amino acid starvation of human lymphoblasts. Boss GR, et al. **J Biol Chem** 1985 May 25; 260(10):6054–9

Early synthesis of specific cytoplasm proteins is correlated with the rate of exit of lymphocytes from the resting state. Hall DJ, et al. **J Cell Biol** 1984 Nov;99(5):1814–21

Cell–specific expression of heat shock proteins in chicken reticulocytes and lymphocytes. Morimoto R, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1316–23

The effects of lysosomotropic amines on protein degradation, migration of nonhistone proteins to the nucleus, and cathepsin D in lymphocytes. Polet H. **J Cell Physiol** 1985 Mar;122(3):415–23

Carbohydrate metabolism in transforming lymphocytes from the aged. Tollefsbol TO, et al. **J Cell Physiol** 1985 Jun; 123(3):417–24

The effect of carbimazole on thyroid autoantibody synthesis by thyroid lymphocytes. McLachlan SM, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1237–42

Insulin–stimulated receptor phosphorylation appears normal in cultured Epstein–Barr virus–transformed lymphocyte cell lines derived from patients with extreme insulin resistance. Whittaker J, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):381–6

Ion channels in lymphocytes. Chandy KG, et al. **J Clin Immunol** 1985 Jan;5(1):1–6 (48 ref.)

Cobalamin inactivation decreases purine and methionine synthesis in cultured lymphoblasts. Boss GR. **J Clin Invest** 1985 Jul;76(1):213–8

Insulin receptor degradation is accelerated in cultured lymphocytes from patients with genetic syndromes of extreme insulin resistance. McElduff A, et al. **J Clin Invest** 1984 Oct;74(4):1366–74

Sera from patients with the acquired immunodeficiency syndrome inhibit production of interleukin–2 by normal lymphocytes. Siegel JP, et al. **J Clin Invest** 1985 Jun; 75(6):1957–64

Modulation of lymphocyte adrenergic receptors by hormones and anti–asthmatic drugs. Williams WR, et al. **J Clin Lab Immunol** 1985 Mar;16(3):131–6

beta–Adrenergic receptors and adenylate cyclase activity in murine lymphoid cell lines. Staehelin M, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985;10(1):55–64

The stimulation of human peripheral blood lymphocytes by oral bacteria: macrophage and T–cell dependence. Baker JJ, et al. **J Dent Res** 1985 Jun;64(6):906–12

Mechanism of osmotic activation of Na+/H+ exchange in rat thymic lymphocytes. Grinstein S, et al. **J Gen Physiol** 1985 May;85(5):765–87

Lymphocyte recognition of lymph node high endothelium. VI. Evidence of distinct structures mediating binding to high endothelial cells of lymph nodes and Peyer's patches. Chin YH, et al. **J Immunol** 1984 Dec;133(6):2961–5

Association of serum beta 2–microglobulin with H–2 class I heavy chains on the surface of mouse cells in culture. Kubota K. **J Immunol** 1984 Dec;133(6):3203–10

Analysis of lymphocyte proteins from New Zealand black mice by two–dimensional gel electrophoresis. Lal RB, et al. **J Immunol** 1985 Apr;134(4):2350–6

The induction and suppression of in vitro IgG anti–tetanus toxoid antibody synthesis by human lymphocytes stimulated with tetanus toxoid in the absence of in vivo booster immunizations. Lum LG, et al. **J Immunol** 1985 Jul;135(1):185–91

In vivo kinetics and nature of rat IgE–bearing lymphocytes after IgE stimulation. Manouvriez P, et al. **J Immunol** 1984 Dec;133(6):3274–81

In vitro production of anti–histone antibodies by spleen cells from young autoantibody negative NZB/NZW mice. O'Dell JR, et al. **J Immunol** 1985 Aug;135(2):1101–7

Stereospecific receptors for substance P on cultured human IM–9 lymphoblasts. Payan DG, et al. **J Immunol** 1984 Dec; 133(6):3260–5

Interferon–gamma enhances induction of lymphotoxin in recombinant interleukin 2–stimulated peripheral blood mononuclear cells. Svedersky LP, et al. **J Immunol** 1985 Mar;134(3):1604–8

Production of soluble suppressor factor by spleen cells from mice immunized with type III pneumococcal polysaccharide. Taylor CE, et al. **J Immunol** 1985 Oct; 135(4):2551–6

The interaction of lymphocyte membrane proteins with the lymphocyte cytoskeletal matrix. Woda BA, et al. **J Immunol** 1984 Nov;133(5):2767–72

Quantitation of 5–bromo–2–deoxyuridine incorporation into DNA: an enzyme immunoassay for the assessment of the lymphoid cell proliferative response. Porstmann T, et al. **J Immunol Methods** 1985 Sep 3;82(1):169–79

Human and chimpanzee monoclonal antibodies. Van Meel FC, et al. **J Immunol Methods** 1985 Jun 25;80(2):267–76

Production of interleukin–2 by rat lymph node cells stimulated by Mycoplasma pulmonis membranes. Levin D, et al. **J Infect Dis** 1985 Mar;151(3):541–4

Proliferation and interferon production in whole blood samples and isolated lymphocyte preparations. Doldi K, et al. **J Interferon Res** 1985 Winter;5(1):55–64

Characterization of lymphocyte interferons with different species specificities from normal and genetically dystrophic chickens. Thacore HR, et al. **J Interferon Res** 1985 Spring; 5(2):279–88

Effect of lidocaine on production of migration inhibitory factor and on macrophage motility: in vitro exposure of guinea pig lymphocytes and macrophages. Dickstein RA, et al. **J Leukocyte Biol** 1984 Nov;36(5):621–32

Inhibition of phytohemagglutinin–induced lymphocyte mitogenesis by lipoxygenase metabolites of arachidonic acid: structure–activity relationships. Low CE, et al. **J Lipid Res** 1984 Oct;25(10):1090–5

In vitro synthesis of immunoglobulins and autoantibodies by lymphocytes from various body compartments during chronic relapsing experimental allergic encephalomyelitis. Olsson T, et al. **J Neuroimmunol** 1985 Sep;9(5):293–305

Zinc content of blood cellular components and lymph node and spleen lymphocytes in severely zinc-deficient rats. Milne DB, et al. **J Nutr** 1985 Aug;115(8):1073–8

Murine lymphocytes lack clearly defined receptors for muscarinic and dopaminergic ligands. Wazer DE, et al. **J Pharm Pharmacol** 1984 Dec;36(12):853–4

Characterization of low density lipoprotein receptors in freshly isolated leukemic guinea pig lymphocytes (L2C). Sainte-Marie J, et al. **J Recept Res** 1985;5(2–3):171–92

Low levels of glucocorticoid binding sites in circulating lymphocytes of premature infants suffering from hyaline membrane disease. Kerepesi T, et al. **J Steroid Biochem** 1985 Feb;22(2):151–4

Impairment of macrophage activating factor (MAF) production in lymphocytes from cancer patients. Cameron DJ. **Jpn J Exp Med** 1985 Feb;55(1):13–9

Intralymphocytic potassium content and blood pressure: their relationship at rest and during isometric exercise. Ambrosioni E, et al. **Klin Wochenschr** 1985;63 Suppl 3:9–11

Physical activity decreases the number of beta-adrenergic receptors on human lymphocytes. Krawietz W, et al. **Klin Wochenschr** 1985 Jan 15;63(2):73–8

Furosemide-sensitive sodium movements in lymphocytes from essential hypertensives. Montanari A, et al. **Klin Wochenschr** 1985;63 Suppl 3:23–5

Influence of smoking on cellular lipid metabolism. Seidel D, et al. **Klin Wochenschr** 1984;62 Suppl 2:28–31

Clinical and biologic correlates of insulin binding by leukemia lymphoblasts. Pui CH, et al. **Leuk Res** 1985;9(7):843–9

Glucocorticoids increase beta-adrenoceptors on human intact lymphocytes in vitro. Cotecchia S, et al. **Life Sci** 1984 Dec 3;35(23):2359–64

Beta adrenergic receptors and cyclic AMP levels in intact human lymphocytes: effects of age and gender. Halper JP, et al. **Life Sci** 1984 Aug 20;35(8):855–63

p-Aminophenol induced DNA damage and cytotoxicity enhanced by autoxidation. Hayward NK, et al. **Life Sci** 1985 May 27;36(21):2039–46

Prolonged Q-Tc interval and decreased lymphocyte magnesium in congestive heart failure. Cohen L, et al. **Magnesium** 1984;3(3):164–8

The metabolic behaviour of the lymphocytes from serous effusions in various benign internal diseases. Mihăilescu E, et al. **Med Interne** 1985 Apr–Jun;23(2):121–7

Mitochondrial membrane potential in lymphocytes as monitored by fluorescent cation diS-C3-(5). Gulyaeva NV, et al. **Membr Biochem** 1985;6(1):19–32

Evidence for coordinate genetic control of Na,K pump density in erythrocytes and lymphocytes. DeLuise M, et al. **Metabolism** 1985 Aug;34(8):771–6

Transcriptional regulation of a tumor promoter and mitogen-inducible gene in human lymphocytes. Arya SK, et al. **Mol Cell Biol** 1984 Nov;4(11):2540–2

Receptor-mediated degradation of human growth hormone in rat adipocytes and cultured human lymphocytes (IM-9). Weyer B, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):85–92

Spin labelling of sialic acid and galactose residues on lymphocyte plasma membrane: effects of lectins on oligosaccharide dynamics. Sharom FJ, et al. **Mol Immunol** 1985 May;22(5):521–30

Autoradiographic detection of HPRT variants of human lymphocytes resistant to RNA synthesis inhibition. Jones IM, et al. **Mutat Res** 1985 Mar;149(1):133–40

Mitogens increase phosphorylation of phosphoinositides in thymocytes. Taylor MV, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):462–5

3H-spiroperidol binding sites in lymphocytes of patients and individuals at risk of Huntington's disease [letter] de Yebenes JG, et al. **Neurology** 1985 Jul;35(7):1084

Increases in lymphocytes with Fc receptors for IgA and rates of spontaneous IgA synthesis in patients with IgA nephropathy. Endoh M. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1179–85

Synthesis of prostaglandin E2 and F2 alpha in human tonsillar lymphocytes. Morimoto K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(1):26–31

Cl- permeabilities in red blood cells and peripheral blood lymphocytes from cystic fibrosis and control subjects. Boucher RC, et al. **Pediatr Res** 1984 Dec;18(12):1336–9

Potassium retention in membraneless thymus lymphocyte nuclei. Kellermayer M, et al. **Physiol Chem Phys Med NMR** 1984;16(6):503–11

Ionic distributions and volume maintenance in human lymphocytes. Negendank W. **Physiol Chem Phys Med NMR** 1984;16(1):3–20

Expression of Epstein-Barr virus (EBV) DNA and cloned DNA fragments in human lymphocytes following Sendai virus envelope-mediated gene transfer. Volsky DJ, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):5926-30

Conference on nucleosides and lymphocytes. **Proc Soc Exp Biol Med** 1985 Sep;179(4):413–508

Purine metabolizing enzymes of lymphocyte cell populations: correlation between AMP-deaminase activity and dATP accumulation in murine lymphocytes. Dornand J, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):448–55

Dexamethasone-induced phospholipase A2-inhibitory proteins (PLIP) influenced by the H-2 histocompatibility region. Gupta C, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):29–35

Regulation of purine metabolism in lymphocytes. Henderson JF, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):419–26

Regulation of cyclic AMP accumulation in lymphoid cells. Insel PA, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):472–8

Differential metabolism of guanine nucleosides by human lymphoid cell lines. Mitchell BS, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):427–31

Purine nucleoside phosphorylase synthesis and turnover in human lymphoid cells. Neote K, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):442–7

Incorporation of 3H-labeled nucleosides and 3H-labeled deoxynucleosides into detergent soluble DNA. Strauss PR. **Proc Soc Exp Biol Med** 1985 Sep;179(4):487–91

Inosine 5'-monophosphate vs inosine and hypoxanthine as substrates for purine salvage in human lymphoid cells. Thompson LF. **Proc Soc Exp Biol Med** 1985 Sep;179(4):432–6

Binding of 3H-spiperone to human lymphocytes: a biological marker in schizophrenia? Bondy B, et al. **Psychiatry Res** 1985 May;15(1):41–8

[3H]ouabain binding and sodium content in lymphocyte sub-populations and the demonstration of increased binding in type 2 diabetes mellitus. Berntorp E, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):27–36

Heat production in human blood lymphocytes. A methodological study. Ikomi-Kumm J, et al. **Scand J Clin Lab Invest** 1984 Dec;44(8):745–52

Antibiotic accumulation in human polymorphonuclear leucocytes and lymphocytes. Forsgren A, et al. **Scand J Infect Dis [Suppl]** 1985;44:16–23

Inhibition of sterol and DNA syntheses in phytohemagglutinin-stimulated human lymphocytes by 7 alpha-hydroxycholesterol. Hemmi H, et al. **Tohoku J Exp Med** 1985 Feb;145(2):105–13

Flow cytometric analysis of lectin-binding to canine blood lymphocytes. Madewell BR, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):383–92

[Cytochemical study of lymphocyte nucleoproteins in rheumatoid arthritis patients] Tsvetkova T, et al. **Vutr Boles** 1985;24(2):82–8 (Eng. Abstr.) **(Bul)**

[The effect of thyroid gland function on beta adrenergic receptors in human lymphocytes and their membrane fractions] Nedvídková J, et al. **Cas Lek Cesk** 1984 Dec 14;123(50):1531–5 (Eng. Abstr.) **(Cze)**

[Determination of the binding affinity of beta-adrenergic receptors in human lymphocytes using 125I-hydroxybenzylpindolol] Přikryl P, et al. **Cas Lek Cesk** 1984 Oct 19;123(42):1283–5 (Eng. Abstr.) **(Cze)**

[Thrombocytic alpha-2 and lymphocytic beta-adrenergic receptors in mental anorexia] Krulík R, et al. **Cesk Psychiatr** 1984 Aug;80(4):266–9 (Eng. Abstr.) **(Cze)**

[The effect of isoprenaline on the levels of cyclic adenosine monophosphate (cAMP) in the lymphocytes of persons in euthyroid, hyperthyroid and hypothyroid states] Nedvídková J, et al. **Vnitr Lek** 1985 May;31(5):482–7 (Eng. Abstr.) **(Cze)**

[Abnormal regulation in the production of IL2 in Hodgkin's disease] Marchiol C, et al. **C R Acad Sci [III]** 1985;301(6):283–8 (Eng. Abstr.) **(Fre)**

[Stimulating action of human serum on the incorporation of tritiated thymidine in human lymphocytes activated by lectins: demonstration of the GH-dependency and its limitations] Schimpff RM, et al. **C R Acad Sci [III]** 1984;299(7):235–7 (Eng. Abstr.) **(Fre)**

[Effects of sexual steroids on thymidine incorporation in human lymphocytes and on serum so-called thymidine activity] Guidoux S, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):884–7 **(Fre)**

[Thymus hormones--increased interferon production by human lymphocytes and therapeutic aspects] Diezel W, et al. **Dermatol Monatsschr** 1984;170(11):677–82 (21 ref.) (Eng. Abstr.) **(Ger)**

[Immunoglobulin G synthesizing lymphocytes in the cerebrospinal fluid in multiple sclerosis and non-inflammatory diseases of the nervous system] Schädlich HJ, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):483–7 (Eng. Abstr.) **(Ger)**

[The detection of gold atoms in lymphocyte and erythrocyte chromatin following therapy with 2 different gold compounds in patients with chronic polyarthritis] Bröll H, et al. **Wien Klin Wochenschr [Suppl]** 1984;156:16 **(Ger)**

[Distribution of gold from aurothiomalate and gold trielthylphosphine in whole blood, lymphocytes and lymphocyte chromatin of patients with chronic polyarthritis] Teherani DK, et al. **Wien Klin Wochenschr [Suppl]** 1984;156:53–5 **(Ger)**

[Effect of tissue growth factors and various hormones on DNA synthesis and cyclic nucleotide content of splenic lymphoid cells cultivated in vitro] Stepień H. **Endokrynol Pol** 1984;35(6):387–93 (Eng. Abstr.) **(Pol)**

[Effect of the combined use of dextran sulfate and double-stranded RNA on interferon production] Amitina NN, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):16–9 (Eng. Abstr.) **(Rus)**

[Redistribution of Ca2+ ions in lymphocyte suspensions after treatment with an ionophore] Makarov PR, et al. **Biofizika** 1984 Nov–Dec;29(6):1006–9 (Eng. Abstr.) **(Rus)**

[Effect of palmitate on energy coupling in lymphocyte mitochondria] Bakeeva LE, et al. **Biokhimiia** 1985 May;50(5):774–81 (Eng. Abstr.) **(Rus)**

[Isolation and properties of membrane-bound DNA of the chromatin peripheral layer in the blood of healthy cattle and cattle with chronic lympholeukemia] Prusov AN, et al. **Biokhimiia** 1984 Jul;49(7):1203–11 (Eng. Abstr.) **(Rus)**

[Ectopic production of hormones and embryonic proteins by stimulated human lymphocytes] Revskoĭ SIu, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1503–5 **(Rus)**

[Chemiluminescence of blood and bone marrow cells in children with leukemia] Korkina LG, et al. **Gematol Transfuziol** 1985 Mar;30(3):24–8 (Eng. Abstr.) **(Rus)**

[Impaired insulin-receptor interactions with the lymphocytes in rats after burn injury] Morenkova SA, et al. **Patol Fiziol Eksp Ter** 1985 Jan–Feb;(1):26–8 (Eng. Abstr.) **(Rus)**

[Possibilities for cytochemical research on neutrophils and lymphocytes in assessing the severity of the course and the completeness of recovery in viral hepatitis B] Vasil'ev VS. **Ter Arkh** 1984;56(10):79–80 (Eng. Abstr.) **(Rus)**

[Poly(A) RNA distribution and the polysome-monosome ratio in the lymphocytes of healthy persons and chronic lympholeukemia patients] Morozova EO, et al. **Tsitologiia** 1984 Dec;26(12):1384–90 (Eng. Abstr.) **(Rus)**

[Changes in the activity of hydrogen ions in lymphocytes during the endocytosis of concanavalin A] Zorin VP, et al. **Tsitologiia** 1985 Jun;27(6):713–7 (Eng. Abstr.) **(Rus)**

[Biochemical heterogeneity of lymphocytes in chronic lympholeukemia based on the analysis of the protein-synthesizing apparatus] Morozova EO, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):123–7 (Eng. Abstr.) **(Rus)**

[Cytochemical characteristics of lymphocytes in patients with chronic enterocolitis] Mosalova NM. **Vrach Delo** 1985 Mar;(3):81–3 (Eng. Abstr.) **(Rus)**

[Prognostic significance of cytochemical activity in blasts in acute lymphatic leukemia in adults] Maras J. **Acta Med Iugosl** 1985;39(2):147–56 (Eng. Abstr.) **(Ser)**

MICROBIOLOGY

Absorption of viruses into oral lymphocytes and decreased antibacterial activity of oral polymorphonuclear leukocytes. Ongrádi J, et al. **Acta Microbiol Hung** 1984;31(3):179–85

Ultrastructural study of type C virus particles in phytohemagglutinin-stimulated lymphocytes from healthy adults seropositive to adult T-cell leukemia-associated antigens. Ohtsuki Y, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1277–83

The complexity of virus--cell interactions in Abelson virus infection of lymphoid and other hematopoietic cells. Whitlock CA, et al. **Adv Immunol** 1985;37:73–98 (127 ref.)

Persistence of virulent canine distemper virus in lymphoblastoid cell lines. Friedlander JM, et al. **Arch Virol** 1985;86(1–2):47–62

LAV/HTLV III presence in peripheral blood lymphocytes of seropositive young hemophiliacs. Gomperts ED, et al. **Blood** 1985 Jun;65(6):1549–52

Isolation of bovine syncytial virus from lymphocytes recovered from fluids used to flush uterus and oviducts of superovulated cattle. Bouillant AM, et al. **Can J Comp Med** 1984 Jul;48(3):332–4

Factors affecting the infectivity of lymphocytes from cattle with bovine leukosis virus. Buxton BA, et al. **Can J Comp Med** 1984 Oct;48(4):365–9

The binding to human lymphocytes of arthritogenic and non-arthritogenic bacteria. Robinson S, et al. **Clin Exp Rheumatol** 1983 Jul–Sep;1(3):211–4

Biology of T-cell leukemia virus: search for an animal system. Miyoshi I. **Curr Top Microbiol Immunol** 1985;115:143–56

Spontaneous adherence of Salmonella typhosa to human peripheral blood lymphocytes in typhoid fever [letter] Jirillo E, et al. **Infection** 1985 May–Jun;13(3):157

Immortalization of peripheral blood lymphocytes of cats by human T-cell leukemia virus. Hoshino H, et al. **Int J Cancer** 1984 Oct 15;34(4):513–7

Isolation of simian retroviruses closely related to human T-cell leukemia virus by establishment of lymphoid cell lines from various non-human primates. Tsujimoto H, et al. **Int J Cancer** 1985 Mar 15;35(3):377–84

Effect of n-butyrate on transformation of human lymphocytes by Epstein-Barr virus. Roubalová K, et al. **Intervirology** 1985;23(1):51–4

Replication of measles virus in human lymphocytes. Hyypiä T, et al. **J Exp Med** 1985 Jun 1;161(6):1261–71

The differential growth of virulent and avirulent strains of rinderpest virus in bovine lymphocytes and macrophages. Rossiter PB, et al. **J Gen Virol** 1985 May;66 (Pt 5):969–75

Expression of viral antigens after infection of human lymphocytes, monocytes, and macrophages with influenza virus. Roberts NJ Jr, et al. **J Infect Dis** 1985 Feb;151(2):308–13

Protein stabilization explains the gag requirement for transformation of lymphoid cells by Abelson murine leukemia virus. Prywes R, et al. **J Virol** 1985 Apr;53(4):123–32

Catalogue of Epstein-Barr virus (EBV) receptors on human malignant and non-malignant hematopoietic cell lines. Tatsumi E, et al. **Leuk Res** 1985;9(2):231–8

Increased sister chromatid exchange in human lymphocyte cultures infected with mycoplasma. Ito-Kuwa S, et al.

Microbiol Immunol 1984;28(8):893-901

Measles virus variants: viral replication and cytopathogenicity in human T lymphocytes and B lymphoblastoid cells. Di Stefano R, et al. **Microbiologica** 1984 Jul;7(3):197-202

Restricted replication of BK virus in human lymphocytes. Portolani M, et al. **Microbiologica** 1985 Jan;8(1):59-66

Detection of measles virus RNA in lymphocytes from peripheral-blood and brain perivascular infiltrates of patients with subacute sclerosing panencephalitis. Fournier JG, et al. **N Engl J Med** 1985 Oct 10;313(15):910-5

Subacute sclerosing panencephalitis and lymphocytes [editorial] Griffith JF. **N Engl J Med** 1985 Oct 10; 313(15):952-4

A third viral nuclear protein in lymphoblasts immortalized by Epstein-Barr virus. Hennessy K, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5944-8

A retroviral myc gene induces preneoplastic transformation of lymphocytes in a bursal transplantation assay. Neiman P, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):222-6

Isolation of a lymphadenopathy-associated virus from a patient with the acquired immune deficiency syndrome. Becker ML, et al. **S Afr Med J** 1985 Aug 3;68(3):144-7

Transcription of novel open reading frames of AIDS retrovirus during infection of lymphocytes. Rabson AB, et al. **Science** 1985 Sep 27;229(4720):1388-90

Bovine leukemia virus-related antigens in lymphocyte cultures infected with AIDS-associated viruses. Thiry L, et al. **Science** 1985 Mar 22;227(4693):1482-4

Identification of Epstein-Barr virus genes expressed during the early phase of virus replication and during lymphocyte immortalization. Sample J, et al. **Virology** 1984 Nov; 139(1):1-10

Pattern of Epstein-Barr virus (EBV)-specific proteins synthesized during primary lytic infection of mouse lymphocytes by EBV. Sinangil F, et al. **Virus Res** 1984; 1(4):275-9

[Failure to activate Epstein-Barr virus genome in a latently-infected human lymphoblastoid cell line with urine containing a bladder carcinogenesis promoter] Fujita J, et al. **Hinyokika Kiyo** 1984 Jul;30(7):897-901 (Eng. Abstr.) **(Jpn)**

[Establishment of a continuous restringently infected lymphoblastic cell line after transfection of a Vero monolayer culture by the circular DNA of a Papio herpesvirus] Lapin BA, et al. **Dokl Akad Nauk SSSR** 1984; 278(2):472-4 **(Rus)**

PARASITOLOGY

Superinfection of established Theileria-infected bovid cell lines with Theileria parva sporozoites. Stagg DA, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):335-7

The entry of sporozoites of Theileria parva into bovine lymphocytes in vitro. Immunoelectron microscopic observations. Webster P, et al. **Eur J Cell Biol** 1985 Mar; 36(2):157-62

Interaction of sporozoites of Theileria parva with bovine lymphocytes in vitro. I. Early events after invasion. Fawcett D, et al. **Tissue Cell** 1984;16(6):873-84

Metabolic energy pathways in Theileria annulata sporozoites and their significance in sporozoite-bovine lymphocyte interactions in vitro. Jura WG, et al. **Vet Parasitol** 1985 Mar;17(3):193-204

The integrity of host lymphocyte plasmalemma during its invasion by Theileria annulata sporozoites as demonstrated by ruthenium red staining. Jura WG. **Vet Parasitol** 1985 Apr;17(4):279-86

Factors affecting the capacity of Theileria annulata sporozoites to invade bovine peripheral blood lymphocytes. Jura WG. **Vet Parasitol** 1984 Nov;16(3-4):215-23

PATHOLOGY

Fine needle aspiration cytology of benign lymph node hyperplasias. Diagnostic significance of lymphohistiocytic aggregates. O'Dowd GJ, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):554-8

Handmirror cells and central nervous system relapse in childhood acute lymphoblastic leukaemia. Hogeman PH, et al. **Acta Haematol (Basel)** 1984;72(3):181-9

Transformation of human fetal thymus and spleen lymphocytes by human T-cell leukemia virus type I. Akagi T, et al. **Acta Med Okayama** 1985 Apr;39(2):155-9

Inflammatory cells and their subsets in lesions of juvenile periodontitis. A family study. Syrjänen S, et al. **Acta Odontol Scand** 1984 Oct;42(5):285-92

Alveolar lymphocytes in the follow-up of sarcoidosis. Carreiro G, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):377-82

Cell electrophoretic characterization of lymphoid cells from various sources in patients with malignant non-Hodgkin lymphomas. Claus R, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):345-54

Increased numbers of lymphocytes with single class surface immunoglobulins in Hodgkin's disease. Bain GO, et al. **Am J Clin Pathol** 1984 Dec;82(6):674-7

Endobronchial lymphocytic infiltration. Unusual manifestation of chronic lymphocytic leukemia. Chernoff A, et al. **Am J Med** 1984 Oct;77(4):755-9

Hodgkin's disease, lymphocyte predominance type, nodular--a distinct entity? Unique staining profile for L&H variants of Reed-Sternberg cells defined by monoclonal antibodies to leukocyte common antigen, granulocyte-specific antigen, and B-cell-specific antigen. Pinkus GS, et al. **Am J Pathol** 1985 Jan;118(1):1-6

Abnormal bronchoalveolar lavage in asymptomatic dairy farmers. Study of lymphocytes. Cormier Y, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1046-9

Polyarthritis and neutropenia associated with circulating large granular lymphocytes. Wallis WJ, et al. **Ann Intern Med** 1985 Sep;103(3):357-62

Circulating Sézary cells. A new preparatory method for their identification and enumeration. Fletcher V, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):954-8

5q- chromosome in acute leukemia with lymphoid morphology and expression of myeloid membrane determinants. Haas OA, et al. **Blood** 1985 Jun;65(6):1342-8

Diagnostic and prognostic significance of Sézary cells in peripheral blood smears from patients with cutaneous T cell lymphoma. Vonderheid EC, et al. **Blood** 1985 Aug; 66(2):358-66

Morphological characterization of lymphoid cells conjugates with scattered tumor target cells in organ imprints of Yoshida ascites bearing rats. Roveta G, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2365-8

Six new cases of prolymphocytic leukemia with heterogeneous prognosis. Clinical and immunologic features, light microscopy, and ultrastructural findings. Lahuerta-Palacios JJ, et al. **Cancer** 1985 Jun 1; 55(11):2550-7

Sister chromatid exchange and proliferation pattern in stimulated lymphocytes of cutaneous malignant melanoma patients. Privitera E, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):37-45

Morphological changes in leukemic lymphoblasts and normal lymphocytes treated with deoxyadenosine plus deoxycoformycin. Matsumoto SS, et al. **Cancer Invest** 1985; 3(3):225-33

Cell volumes of lymphoblasts in patients with acute lymphocytic leukaemia. Davey FR, et al. **Clin Lab Haematol** 1985;7(1):17-26

Cellular components in peritoneal fluid in infertile patients with and without endometriosis. Badawy SZ, et al. **Fertil Steril** 1984 Nov;42(5):704-8

Clonality of benign lymphoid proliferations [letter] Lubbe WJ. **Hum Pathol** 1985 Jun;16(6):650

Cytogenetic analysis of peripheral blood lymphocytes from stainless steel welders. Koshi K, et al. **Ind Health** 1984; 22(4):305-18

Weight reduction of thymus and depletion of lymphocytes of T-dependent areas in peripheral lymphoid tissues of mice infected with Francisella tularensis. Ito M, et al. **Infect Immun** 1985 Sep;49(3):812-8

The analysis of mononuclear cell infiltrations in colorectal adenocarcinoma. Koch B, et al. **J Cancer Res Clin Oncol** 1985;109(2):142-51

Immunocytochemical staining of T and B lymphocytes in serous effusions. Ghosh AK, et al. **J Clin Pathol** 1985 Jun; 38(6):608-12

Enumeration of small intestinal lymphocyte population in Giardia lamblia-infected mice. Kanwar SS, et al. **J Diarrhoeal Dis Res** 1984 Dec;2(4):243-8

Lymphocytoma cutis with meningeal involvement. Bhattacharyya K. **J Indian Med Assoc** 1984 Jun;82(6):210-1

Phenotypic properties of atypical lymphocytes in cytomegalovirus-induced mononucleosis. Felsenstein D, et al. **J Infect Dis** 1985 Jul;152(1):198-203

Presymptomatic diagnosis of Fanconi's anaemia [letter] Schindler D, et al. **Lancet** 1985 Apr 20;1(8434):937

May a lymphocytic infiltration have a pathogenic role in an aldosterone-producing adrenal tumor? Cugini P, et al. **Med Hypotheses** 1985 May;17(1):33-8

Chronic lymphocytic pulmonary infiltrate and Bence-Jones proteinuria. Harrison RN. **Respiration** 1984;46(3):334-6

Prognostic value of round cell (lymphocyte) infiltration in malignant gliomas. Safdari H, et al. **Surg Neurol** 1985 Mar; 23(3):221-6

[A case of lymphoid interstitial pneumonia] Ishizaki T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):401-6 (Eng. Abstr.) **(Jpn)**

[Favorable transformation of the initial stage of Hodgkin's disease in children--decrease in the incidence of lymphocyte depletion type] Armata J, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):157-9 (Eng. Abstr.) **(Pol)**

[Role of intraepithelial lymphocytes in the development of bladder tumors] Sapritskiĭ AV. **Arkh Patol** 1985;47(3):33-8 (Eng. Abstr.) **(Rus)**

[Clinico-cytological aspects of acute leukemia in children] Kisliak NS, et al. **Gematol Transfuziol** 1985 Mar;30(3):3-8 **(Rus)**

[Leukemic cell phenotype in acute myeloid leukemia in children (during recurrences and after ineffective treatment)] Lenskaia RV, et al. **Gematol Transfuziol** 1985 Mar;30(3):12-7 (Eng. Abstr.) **(Rus)**

[Comparative characteristics of the changes in blood lymphocyte subpopulations in chronic lympholeukemia] Petrov RV, et al. **Gematol Transfuziol** 1984 Nov; 29(11):21-8 (Eng. Abstr.) **(Rus)**

[Kinetic indicators of leukemic cell populations in various types of acute leukemia in children] Samochatova EV. **Gematol Transfuziol** 1985 Mar;30(3):8-12 (Eng. Abstr.) **(Rus)**

[Cytochemical and immunologic characteristics of lymphocytes in lymphoproliferative diseases] Soboleva TN, et al. **Lab Delo** 1984;(9):515-20 (Eng. Abstr.) **(Rus)**

[Spheroid formation in explants of human breast tumor and fibroadenomatous tissues and lymphoid infiltration of explants during cultivation in diffusion chambers] Iakhimovich LV, et al. **Tsitologiia** 1984 Jul;26(7):833-7 (Eng. Abstr.) **(Rus)**

[Bronchoalveolar lavage in diffuse interstitial lung diseases] Mušič E, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):69-72 (Eng. Abstr.) **(Scr)**

[Analysis of the effect of cellular morphology on obtaining a complete remission in 99 cases of acute leukemia] Ríos A, et al. **Sangre (Barc)** 1984;29(3):273-9 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Antigen binding with chromatin of immunocompetent cells. Rakowicz-Szulczynska EM, . et al. **Acta Anthropogenet** 1983;7(4):283-8

Quantification of ferritin-secreting cells in patients with non-Hodgkin's lymphoma. Ohnishi K, et al. **Acta Haematol (Basel)** 1985;73(3):145-9

Blood lymphocyte population 4 to 6 years after adjuvant cyclic chemotherapy for operable breast carcinoma. Blomgren H, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr; 24(2):123-7

Expression of genes on human chromosome 21. Davidson JN, et al. **Ann NY Acad Sci** 1985;450:43-54

Effects of ethanol and acetaldehyde on phagocytic functions. Schopf RE, et al. **Arch Dermatol Res** 1985;277(2):131-7

The effects of ionophore A23187 and concanavalin A on the membrane potential of human peripheral blood lymphocytes and rat thymocytes. Gukovskaya AS, et al. **Biochim Biophys Acta** 1985 May 28;815(3):433-40

Lymphocyte blastogenesis. Post-transcriptional controls of protein synthesis. Lester EP, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):365-8

The role of carbohydrate in heterotypic cell-cell recognition: lymphocyte-high endothelial cell interaction as a model system. Butcher EC. **Biol Cell** 1984;51(2):248-50

Large granular lymphocytes have a promoting activity on human peripheral blood erythroid burst-forming units. Pistoia V, et al. **Blood** 1985 Feb;65(2):464-72

Interactions between lymphocytes and hematopoietic progenitor cells in normal and leukemic human bone marrow (phase contrast observations). Boll I. **Blut** 1985 Jun;50(6):355-62

Dynamic studies of lymphocytes labelled with indium-111 during and after treatment with monoclonal anti-idiotype antibody in advanced B cell lymphoma. Rankin EM, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1097-100

Changes in lymphocyte subsets during the course of experimental allergic neuritis. Brosnan JV, et al. **Brain** 1985 Jun;108 (Pt 2):315-34

Physiological effects in bovine lymphocytes of inhibiting polyamine synthesis with ethylglyoxal bis(guanylhydrazone). Igarashi K, et al. **Cancer Res** 1984 Nov;44(11):5332-7

Gene expression of differentiated parent in teratocarcinoma cell hybrids. Repression or reprogramming? Forejt J, et al. **Cell Differ** 1984 Dec;15(2-4):229-34

Nonimmune lymphocyte-macrophage interaction. I. Quantification by an automated colorimetric assay. Chong AS, et al. **Cell Immunol** 1985 May;92(2):265-76

Nonimmune lymphocyte-macrophage interaction. II. Evidence that the interaction involves sulfated polysaccharide recognition. Chong AS, et al. **Cell Immunol** 1985 May;92(2):277-89

Development of hyporesponsiveness to augmentation of natural killer cell activity after multiple doses of maleic anhydride divinyl ether: association with decreased numbers of large granular lymphocytes. Saito T, et al. **Cell Immunol** 1985 Feb;90(2):577-89

Somatic hybridization between human and mouse lymphoblast cells produced by an electric pulse-induced fusion technique. Ohno-Shosaku T, et al. **Cell Struct Funct** 1984 Jun;9(2):193-6

Familial OKT4 epitope deficiency: studies on antigen density and lymphocyte function. Aozasa M, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):48-55

Properties of the myc-gene product: nuclear association, inhibition of transcription and activation in stimulated lymphocytes. Moelling K, et al. **Curr Top Microbiol Immunol** 1984;113:198-207

Genome structure and host range restriction of the lymphotropic papovavirus (LPV): identification of a viral lymphocyte specific enhancer element. Pawlita M, et al. **Curr Top Microbiol Immunol** 1984;113:26-30

Senescence of a human lymphoblastoid clone producing anti-Rhesus(D). Melamed MD, et al. **Eur J Immunol** 1985 Jul;15(7):742-6

Lymphocyte aging in allophenic mice. Warner CM, et al. **Exp Gerontol** 1985;20(1):35-45

Compartments, domains and migration pathways of lymphoid cells in the splenic pulp. van Ewijk W, et al. **Experientia** 1985 Feb 15;41(2):199-208

Mononuclear cell supernatants inhibit prolyl hydroxylation. Narayanan AS, et al. **FEBS Lett** 1985 Jan 7;179(2):229-32

Nonrandom de novo chromosome aberrations in human lymphocytes and amniotic cells. Petersson H, et al. **Hereditas** 1985;102(1):33-8

Interleukin-2 production and lymphocyte proliferation in aged and young humans. Yamakido M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):95-9

Lymphocyte emigration from lymph nodes by blood in the pig and efferent lymph in the sheep. Binns RM, et al. **Immunology** 1985 Jan;54(1):105-11

Depression of lymphocyte traffic in sheep by induced systemic arterial hypotension and by acute arterial occlusion. Moore TC, et al. **Immunology** 1984 Dec; 53(4):677-82

The carriage and delivery of substances to lymphatic tissues by recirculating lymphocytes. I. The concentration of ricin in lymphocyte traffic areas. Sparshott SM, et al. **Immunology** 1985 Apr;54(4):731-43

Suppressive effect of iron on in vitro lymphocyte function: formation of iron polymers as a possible explanation. Soyano A, et al. **Int Arch Allergy Appl Immunol** 1985; 76(4):376-8

Plaque-forming cell response of human blood lymphocytes. III. Cellular basis of the reduced immune response in the elderly. Kim YT, et al. **Isr J Med Sci** 1985 Mar;21(3):317-22

Immortalization of human lymphocytes by co-cultivation with lethally irradiated autologous T-cell lines harbouring human T-cell leukaemia virus-I. Akagi T, et al. **J Cancer Res Clin Oncol** 1985;110(1):82-4

Osmotic and phorbol ester-induced activation of Na+/H+ exchange: possible role of protein phosphorylation in lymphocyte volume regulation. Grinstein S, et al. **J Cell Biol** 1985 Jul;101(1):269-76

Lymphocyte mechanical response triggered by cross-linking surface receptors. Pasternak C, et al. **J Cell Biol** 1985 Mar; 100(3):860-72

Phosphomannosyl receptors may participate in the adhesive interaction between lymphocytes and high endothelial venules. Stoolman LM, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1535-40

Contraction waves in lymphocyte locomotion. Haston WS, et al. **J Cell Sci** 1984 Jun;68:227-41

Electroimmunology: the physiologic role of ion channels in the immune system. Chandy KG, et al. **J Immunol** 1985 Aug;135(2 Suppl):787s-791s

Sympathetic ablation alters lymphocyte membrane properties. Miles K, et al. **J Immunol** 1985 Aug;135(2 Suppl):797s-801s

Vasoactive intestinal peptide and neuropeptide modulation of the immune response. O'Dorisio MS, et al. **J Immunol** 1985 Aug;135(2 Suppl):792s-796s

Lymphocyte production of endorphins and endorphin-mediated immunoregulatory activity. Smith EM, et al. **J Immunol** 1985 Aug;135(2 Suppl):779s-782s

Insulin and growth hormone function as minor growth factors that potentiate lymphocyte acti[illegible]n. Snow EC. **J Immunol** 1985 Aug;135(2 Suppl):776s-[illegible]

Effect of blood storage on lymphocyte subpopulations. Garraud O, et al. **J Immunol Methods** 1984 Dec 14; 75(1):95-8

Effects of cryopreservation on human lymphocyte functions: comparison of programmed freezing method by a direct control system with a mechanical freezing method. Ichino Y, et al. **J Immunol Methods** 1985 Mar 18;77(2):283-90

Study of cell deformability by a simple method. Mege JL, et al. **J Immunol Methods** 1985 Sep 3;82(1):3-15

The Reticuloendothelial Society twenty-first national meeting. Montreal, Canada, October 14-17,1984. Abstracts. **J Leukocyte Biol** 1984 Sep;36(3):365-458

Human monocyte recognition of complement-coated lymphoblastoid cells. Armstrong S, et al. **J Leukocyte Biol** 1985 Feb;37(2):161-74

Human peripheral blood mononuclear cells cultured in serum-free medium: a functional and morphological study using light and scanning electron microscopy. Halpern J, et al. **J Med** 1984;15(1):1-13

The stimulation of human peripheral blood lymphocytes by solubilized dental plaque: macrophage and T-cell dependence. Baker JJ, et al. **J Periodontol** 1985 Jul; 56(7):410-8

Mouse mammary tumor virus-related sequences in mouse lymphocytes are inducible by 12-O-tetradecanoyl phorbol-13-acetate. Kwon BS, et al. **J Virol** 1984 Dec; 52(3):1000-4

Intraarterial lymphocytes injection for treatment of lymphedema. Katoh I, et al. **Jpn J Surg** 1984 Jul; 14(4):331-4

Lack of correlation between serum cholesterol levels, lymphocyte plasma membrane fluidity and mitogen responsiveness in young and aged chickens. Traill KN, et al. **Mech Ageing Dev** 1984 Nov;28(1):123-38

Expression of a proto-oncogene (proto-myb) in hemopoietic tissues of mice. Sheiness D, et al. **Mol Cell Biol** 1984 Jul; 4(7):1206-12

Chromosome aberrations and sister-chromatid exchanges (SCEs) in peripheral blood lymphocytes of patients suffering from poliomyelitis. Bhatnagar A, et al. **Mutat Res** 1984 Sep;141(1):55-8

Increased chromosomal instability in lymphocytes from elderly humans. Dutkowski RT, et al. **Mutat Res** 1985 May; 149(3):505-12

Changes in spontaneous SCE frequencies as a function of sampling time in lymphocytes from normal donors and cancer patients. Parkes DJ, et al. **Mutat Res** 1985 Jun; 147(3):113-22

Cultured human lymphocytes proliferate faster in medium lacking fetal calf serum and antibiotics. Wolff S, et al. **Mutat Res** 1984 Nov;129(2):207-13

Reduced sensitivity of lymphocyte beta-adrenergic receptors in patients with endogenous depression and psychomotor agitation. Mann JJ, et al. **N Engl J Med** 1985 Sep 19; 313(12):715-20

Clonal expansion of human B73.1-positive natural killer cells or large granular lymphocytes exerting strong antibody-dependent and -independent cytotoxicity and occasionally lectin-dependent cytotoxicity. Bolhuis RL, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):61-72

Peyer's patch lymphocytes express natural cytotoxicity but not natural killer activity. Tagliabue A, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):95-101

An immunoglobulin promoter displays cell-type specificity independently of the enhancer. Foster J, et al. **Nature** 1985 May 30-Jun 5;315(6018):423-5

In vivo somatic mutations in human lymphocytes frequently result from major gene alterations. Turner DR, et al. **Nature** 1985 May 23-29;315(6017):343-5

Lymphocyte migration through the lymphatic sinuses of the chicken's lymph node. Olah I, et al. **Poult Sci** 1985 Jan; 64(1):159-68

Interleukin 2 (IL-2) augments transcription of the IL-2 receptor gene. Depper JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4230-4

The regulation of DNA synthesis in quiescent lymphocytes by cytoplasmic inhibitors. Gutowski JK, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5160-4

Nucleosides and lymphocytes--an overview. Strauss PR, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):413-8

Lymphoblastoid cell-induced suppression of human peripheral blood leukocyte mitogenic responses. Zhang JL, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):278-82

Human lymphocyte aggregation? Lazzari MA, et al. **Prostaglandins Leukotrienes Med** 1984 Sep;15(3):303-16

Aggregation and thromboxane synthesis and release in isolated sheep neutrophils and lymphocytes in response to complement stimulation. Tahamont MV, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):181-90

Depression, hypothalamic-pituitary-adrenocortical activity, and lymphocyte function. Kronfol Z, et al. **Psychopharmacol Bull** 1985;21(3):476-8

Biodistribution of radiolabeled lymphocytes. Fawwaz RA, et al. **Radiology** 1985 May;155(2):483-6

Intestinal uptake of intact maternal lymphocytes by neonatal rats and lambs. Sheldrake RF, et al. **Res Vet Sci** 1985 Jul; 39(1):10-5

Paradoxical functions of alveolar macrophages from Calmette-Guérin bacillus-immunized rats. Shiratori Y, et al. **Respiration** 1985;47(4):285-92

Purine metabolic enzymes in lymphocytes. IV. Effects of enzyme inhibitors and enzyme substrates on the blastogenic responses of human lymphocytes. Kurashige S, et al. **Scand J Immunol** 1985 Jul;22(1):1-7

Involvement of sialic acid on endothelial cells in organ-specific lymphocyte recirculation. Rosen SD, et al. **Science** 1985 May 24;228(4702):1005-7

Interleukins and inhibitors in human lymphocyte regulation. Nowell PC, et al. **Symp Fundam Cancer Res** 1984; 37:199-212

The importance of lymphocyte migration patterns in experimental organ transplantation. Kupiec-Weglinski JW, et al. **Transplantation** 1985 Jul;40(1):1-6 (59 ref.)

[Electrophoretic cell studies of lymphocytes of swine] Gallien P, et al. **Arch Exp Veterinarmed** 1984 Nov; 38(6):863-8 (Eng. Abstr.) **(Ger)**

[Stimulation of CFU-E colony formation of normal human bone marrow by peripheral blood mononuclear cells from a patient with autoimmune hemolytic anemia] Toyama K, et al. **Rinsho Ketsueki** 1985 Jan;26(1):63-8 (Eng. Abstr.) **(Jpn)**

[Correlation between intracellular metabolic processes and the functional capacity of lymphocytes] Klinger M. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):189-93 (26 ref.) **(Pol)**

[Cell center of macrophages, granulocytes and lymphocytes during in vitro cell spreading, polarization and movement] Gudima GO, et al. **Tsitologiia** 1984 Sep;26(9):1002-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Lymphocyte locomotion in experimental allergic thyroiditis. Sakata M, et al. **Clin Immunol Immunopathol** 1984 Nov; 33(2):154-64

RADIATION EFFECTS

Changes in lymphoid cell distribution after intraperitoneal administration of 32P colloids. Onsrud M, et al. **Acta Radiol [Oncol]** 1985 Jul-Aug;24(4):331-5

Alterations in protein kinase activity following exposure of cultured human lymphocytes to modulated microwave fields. Byus CV, et al. **Bioelectromagnetics** 1984;5(3):341-51

Sensitivity of lymphocytes from patients with cancer to x- and ultraviolet radiation. Kutlaca R, et al. **Cancer** 1984 Dec 15;54(12):2952-5

Radiation sensitivity of Bloom's syndrome lymphocytes during S and G2 phases. Aurias A, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):131-6

Effects of ionizing radiation on cells from Fanconi's anemia patients. Duckworth-Rysiecki G, et al. **Cancer Res** 1985 Jan;45(1):416-20

Abnormal lymphocyte response to u.v. radiation in multiple skin cancer. Munch-Petersen B, et al. **Carcinogenesis** 1985 Jun;6(6):843-5

Persistence of DNA lesions and the cytological cancellation of sister chromatid exchanges. Schvartzman JB, et al. **Chromosoma** 1985;92(1):7-10

Morphology of mononuclear cells in the peripheral blood of rats after single irradiation. Macková N, et al. **Folia Haematol (Leipz)** 1985;112(2):253-9

Gamma-irradiation induces mutation in ataxia-telangiectasia lymphoblastoid cells. Tatsumi K, et al. **Gann** 1984 Dec; 75(12):1040-3

The measurement of immediate and persistent radiation-induced chromosome damage in rodent primary cells using premature chromosome condensation. Pantelias GE, et al. **Health Phys** 1985 Sep;49(3):425-33

Effects of ionizing radiation on chromosome aberrations, sister chromatid exchanges and micronuclei in lymphocytes of smokers and nonsmokers. Stenstrand K. **Hereditas** 1985; 102(1):71-6

Micronuclei and chromosome aberrations found in bone marrow cells and lymphocytes from thorotrast patients and atomic bomb survivors. Tanaka K, et al. **Hiroshima J Med Sci** 1984 Mar;33(1):101-11

Radiosensitivity of peripheral blood lymphocytes in autoimmune disease. Harris G, et al. **Int J Radiat Biol** 1985 Jun;47(6):689-99

Effects of age, sex and diagnostic X-rays on chromosome damage. Norman A, et al. **Int J Radiat Biol** 1984 Sep; 46(3):317-21

DNA content of micronuclei in human lymphocytes. Pincu M, et al. **Int J Radiat Biol** 1985 Apr;47(4):423-32

Chromosome aberrations in the peripheral lymphocytes induced by brachytherapy and external cobalt teletherapy. Matsubara S, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun; 11(6):1085-94

Use of lymphoblastoid cell lines to evaluate the hypersensitivity to ultraviolet radiation in Cockayne syndrome. Otsuka F, et al. **J Invest Dermatol** 1984 May; 82(5):480-4

Indium 111 toxicity in the human lymphocyte. Silberstein EB, et al. **J Lab Clin Med** 1985 May;105(5):608-12

Morphometric study of the interphase nucleus in some radiosensitive and radioresistant mammalian cells. Suciu D. **J Theor Biol** 1985 Apr 21;113(4):599-609

The human lymphocyte micronucleus assay. Response of cord blood lymphocytes to gamma-irradiation and bleomycin. Aghamohammadi SZ, et al. **Mutat Res** 1984 Dec;130(6):395-401

Study on the repair of the radioinduced lesions involved in the formation of chromosomal aberrations in G0 human lymphocytes after exposure to gamma-rays and fast neutrons. Fabry L, et al. **Mutat Res** 1985 May; 149(3):475-83

Measurement of micronuclei in lymphocytes. Fenech M, et al. **Mutat Res** 1985 Feb-Apr;147(1-2):29-36

Correlation between unscheduled DNA synthesis and chromosome condensation in mitoses from human lymphocytes. Mondello C, et al. **Mutat Res** 1985 Jan-Feb; 142(1-2):45-8

Amiodarone phototoxicity to human erythrocytes and lymphocytes. Hasan T, et al. **Photochem Photobiol** 1984 Dec;40(6):715-9

The repair of DNA strand breaks in human lymphocytes exposed to near UV-radiation (UVA) and far UV-radiation (UVC). Holmberg M, et al. **Photochem Photobiol** 1985 Apr; 41(4):437-44

Effect of monochromatic UVA light and 8-methoxypsoralen on human lymphocyte response to mitogen. Gasparro FP, et al. **Photodermatol** 1984 Feb;1(1):10-7

Energy-dependent effect of iodized contrast medium on radiation-induced chromosome aberrations. Hadnagy W, et al. **Radiat Environ Biophys** 1985;24(1):71-4

The effect of 220 kVp X-rays with different spectra on the dose response of chromosome aberrations in human lymphocytes. Schmid E, et al. **Radiat Environ Biophys** 1984; 23(4):305-9

Sister chromatid exchange frequency in human lymphocytes exposed to ionizing radiation in vivo and in vitro. Gundy S, et al. **Radiat Res** 1984 Oct;100(1):47-54

X-ray and UV-radiation sensitivity of circulating lymphocytes in multiple epidermal cancer in relation to previous radiation exposure. Munch-Petersen B, et al. **Radiat Res** 1985 Sep;103(3):432-40

A study of dynamic development in radiolesion and cell death of eukaryotes after exposure to ionizing radiation—the visualization of the dynamic reaction by means of cytochemical method with lactate dehydrogenase (LDH) as a nuclear marker and radiation-induced nuclear anomalization by an ultramicrostructural manifestation: a dynamic explanation. Chen DL, et al. **Sci Sin [B]** 1985 Jun; 28(6):584-98

[Effect of cytosine arabinoside on the cell cycle and level of radiation-induced chromosome anomalies in lymphocytes of mammals] Deknudt G, et al. **C R Soc Biol (Paris)** 1985;179(2):243-6 (Eng. Abstr.) **(Fre)**

[Chromosome aberrations produced in human lymphocytes by in vivo and in vitro irradiation] Fabry L, et al. **C R Soc Biol (Paris)** 1985;179(2):236-42 (Eng. Abstr.) **(Fre)**

[Relative biological effectiveness of weak doses of neutrons for the production of dicentric chromosomes in human lymphocytes] Fabry L, et al. **C R Soc Biol (Paris)** 1984; 178(5):542-8 (Eng. Abstr.) **(Fre)**

[The repair of DNA damage induced in human lymphocytes by gamma rays and fast neurons] Fabry L, et al. **C R Soc Biol (Paris)** 1984;178(5):535-41 (Eng. Abstr.) **(Fre)**

[Effect of monochromatic UV irradiation on the viability of human lymphocytes] Gast W, et al. **Dermatol Monatsschr** 1985;171(6):406-8 **(Ger)**

[Quantitative and qualitative changes in the peripheral blood cells of rats in chronic irradiation of the animals] Ivanov VV, et al. **Radiobiologiia** 1985 May-Jun;25(3):372-5 (Eng. Abstr.) **(Rus)**

[Formation of chromosome aberrations at different stages of the mitotic cycle in a culture of human lymphocytes irradiated with neutrons of average energy 0.35 and 0.85 MeV] Sevan'kaev AV, et al. **Radiobiologiia** 1985 Jul-Aug; 25(4):489-94 (Eng. Abstr.) **(Rus)**

[Dose-response relationship of the yield of chromosome aberrations in a human lymphocyte culture following gamma-irradiation at high doses] Sevan'kaev AV. **Radiobiologiia** 1984 Nov-Dec;24(6):801-4 (Eng. Abstr.) **(Rus)**

[Effect of irradiation and chemical differentiation inducers on the survival of thymus lymphocytes in mice] Sorokina NI, et al. **Radiobiologiia** 1985 May-Jun;25(3):304-8 (Eng. Abstr.) **(Rus)**

[Characteristic cytogenetic effects of small doses of ionizing radiation] Zavitaeva TA, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):711-4 (Eng. Abstr.) **(Rus)**

[Action of UV radiation on the surface of mammalian immunocompetent cells. III. Ultrastructural changes in the glycocalyx of mouse lymphocytes] Krylenkov VA, et al. **Tsitologiia** 1984 Jul;26(7):856-9 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

DNA strand break rejoining in human lymphocytes during the S phase. Catena C, et al. **Int J Radiat Biol** 1985 May; 47(5):489-96

RADIONUCLIDE IMAGING

111Indium-labelled lymphocytes do not image or label the pancreas of the BB/W rat. Gallina DL, et al. **Diabetologia** 1985 Mar;28(3):143-7

SECRETION

[Effect of thymosin alpha 1 on prostaglandin release by murine lymphocytes] Baldassarre AM, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):23-6 (Eng. Abstr.) **(Ita)**

TRANSPLANTATION

Adoptive transfer of murine relapsing experimental allergic encephalomyelitis. Lublin FD. **Ann Neurol** 1985 Feb; 17(2):188-90

Donor and recipient origin of herpesvirus-reactive lymphocytes after bone marrow transplantation. Brief report. Ljungman P, et al. **Arch Virol** 1985;83(1-2):117-22

Lysis of lymphoma cells by autologous and allogeneic natural killer cells. Oshimi K, et al. **Blood** 1985 Mar;65(3):638-43

The effect of adoptive transfer of mononuclear leukocytes from an adult donor on spontaneous cell-mediated cytotoxicity and resistance to transmissible gastroenteritis in neonatal piglets. Cepica A, et al. **Can J Comp Med** 1984 Oct;48(4):360-4

Clinical response of a patient with diffuse histiocytic lymphoma to adoptive chemoimmunotherapy using cyclophosphamide and alloactivated haploidentical lymphocytes. A case report and phase I trial. Kohler PC, et al. **Cancer** 1985 Feb 1;55(3):552-60

Differential influence of 2'-deoxyguanosine on the induction and expression of suppressor T lymphocytes in vivo. Bril H, et al. **Cell Immunol** 1985 Feb;90(2):531-8

Reactivation of allergic encephalomyelitis by means of allogeneic confrontation. Willenborg DO, et al. **Cell Immunol** 1985 Feb;90(2):614-9

Immunogenetic studies of spontaneous abortion in mice. Preimmunization of females with allogeneic cells. Kiger N, et al. **J Immunol** 1985 May;134(5):2966-70

Induction of infectious immunodeficiency in BALB/c mice by serial transfer of lymphocytes immune to alloantigens. Kim BS, et al. **J Immunol** 1985 Jul;135(1):255-60

Adoptive transfer of anti-syphilis immunity with lymphocytes from Treponema pallidum-infected guinea pigs. Pavia CS, et al. **J Immunol** 1985 Oct;135(4):2829-34

Syngeneic responses by murine thymocytes: a role for non-MHC and non-MLS genes. Wu S, et al. **J Immunol** 1985 Jan;134(1):10-5

Intratumoral autologous mononuclear cells in the treatment of recurrent glioblastoma multiforme. A phase 1 (toxicity) study. Steinbok P, et al. **J Neurooncol** 1984;2(2):147-51

Rationale for a novel immunotherapy of cancer with allogeneic lymphocyte infusion. Kondo M, et al. **Med Hypotheses** 1984 Nov;15(3):241-77 (192 ref.)

Integration of allogeneic lymphocyte immunotherapy with short-course chemotherapy and hypoenergic hyperthermia: a 'triple-threat' treatment for disseminated cancer. McCarty MF, et al. **Med Hypotheses** 1985 Jan; 16(1):39-60

A general strategy for the use of allogeneic lymphocyte infusions in the treatment of disorders characterized by impaired helper or suppressor T cell function: autoimmune diseases and the acquired immunodeficiency syndrome (AIDS). McCarty MF. **Med Hypotheses** 1985 Mar; 16(3):189-206 (92 ref.)

Cimetidine as an adjuvant for allogeneic lymphocyte immunotherapy of cancer. McCarty MF. **Med Hypotheses** 1985 Jun;17(2):155-6

Partial immune reconstitution in a patient with the acquired immunodeficiency syndrome. Lane HC, et al. **N Engl J Med** 1984 Oct 25;311(17):1099-103

Lymphocytaplasmapheresis in Devic's syndrome. Aguilera AJ, et al. **Transfusion** 1985 Jan-Feb;25(1):54-6

Characterization of host lymphoid cells in antibody-facilitated bone marrow chimeras. McCarthy SA, et al. **Transplantation** 1985 Jul;40(1):12-7

Lung allograft rejection in the rat. I. Accelerated rejection caused by graft lymphocytes. Prop J, et al. **Transplantation** 1985 Jul;40(1):25-30

[Effect of adrenalectomy of the recipients of allogeneic lymphocytes on the inactivation of endogenous colony-forming cells in mice] Semenkov VF. **Biull Eksp Biol Med** 1985 Jan;99(1):84-5 (Eng. Abstr.) **(Rus)**

[New methods of immunocorrective therapy of various diseases of the internal organs] Miterev IuG. **Klin Med (Mosk)** 1984 Jul;62(7):3-10 **(Rus)**

[Post-transfusion graft vs. host reaction in aplastic anemia] Wechsler A, et al. **Med Cutan Iber Lat Am** 1984;12(3):203-7 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Ultrastructural morphometric analysis of normal human lymphocytes stimulated in vitro with mitogens and antigens. Payne CM, et al. **Am J Pathol** 1985 Aug; 120(2):263-75

Morphometric nuclear analysis of lymphoid cells in center cell lymphomas and in reactive germinal centers. Tosi P, et al. **Am J Pathol** 1984 Oct;117(1):12-7

The presence of abnormal lysosomes in lymphocytes and neutrophils during chloroquine therapy: a quantitative ultrastructural study. Jones CJ, et al. **Ann Rheum Dis** 1984 Oct;43(5):710-5

Serum alpha interferon and lymphocyte inclusions in systemic lupus erythematosus. Klippel JH, et al. **Ann Rheum Dis** 1985 Feb;44(2):104-8

Cell interactions in psoriasis. Heng MC, et al. **Arch Dermatol** 1985 Jul;121(7):881-7

Importance of the mitogen in sister chromatid exchange studies. Deknudt G. **Basic Life Sci** 1984;29 Pt B:695-714

Sister chromatid exchange in phytohemagglutinin-stimulated lymphocytes of nonfamilial cutaneous malignant melanoma patients. Ghidoni A, et al. **Basic Life Sci** 1984;29 Pt B:855-8

Removal and persistence of SCE-inducing damage in human lymphocytes in vitro. Lambert B, et al. **Basic Life Sci** 1984; 29 Pt B:647-62

Persistence of SCE-inducing lesions after G0 exposure of human lymphocytes to differing classes of DNA-damaging chemicals. Littlefield LG, et al. **Basic Life Sci** 1984;29 Pt B:663-76

Proliferative kinetics and chemical-induced sister chromatid exchanges in human lymphocyte cultures. Morimoto K. **Basic Life Sci** 1984;29 Pt B:677-93

Serum- and plasma-dependent variations of benzo(a)pyrene-induced sister chromatid exchange in human lymphocytes. Wiencke JK, et al. **Basic Life Sci** 1984; 29 Pt B:715-28

Catecholamine-containing neurons and lymphoid cells in a lacrimal gland of the pigeon. Walcott B, et al. **Brain Res** 1985 Feb 25;328(1):129-37

Specific binding of cholesterol to chromatin prepared from mouse spleen cells. Regenass-Klotz M, et al. **Can J Biochem Cell Biol** 1984 Feb-Mar;62(2-3):94-9

Cytogenetic evidence that the malignant event in multiple myeloma occurs in a precursor lymphocyte. MacKenzie MR, et al. **Cancer Genet Cytogenet** 1985 May;17(1):13-20

Sister chromatid exchange induction in human lymphocytes exposed to benzene and its metabolites in vitro. Erexson GL, et al. **Cancer Res** 1985 Jun;45(6):2471-7

Cordycepin reduces the sensitivity of BALB/Mo mouse lymphocytes to the induction of sister chromatid exchanges. Majone F, et al. **Carcinogenesis** 1985 Jan; 6(1):131-4

Co-cultivation studies in the expression of fragile (X) (q27) in lymphocytes. Webb TP. **Clin Genet** 1985 Jun; 27(6):529-34

Nucleolar silver-staining patterns related to cell cycle phase and cell generation of PHA-stimulated human lymphocytes. Field DH, et al. **Cytobios** 1984;41(161):23-33

A human lymphoblastoid cell line from the offspring of a brother-sister mating. Azen EA, et al. **Cytogenet Cell Genet** 1984;38(3):238-9

A comparison of sister chromatid exchange frequencies in peripheral lymphocytes and bone marrow cells of Fischer 344 and Sprague-Dawley rats. Dearfield KL, et al. **Cytogenet Cell Genet** 1984;38(3):216-20

Mononuclear and IgA-containing cells in the lacrimal gland of germ-free and conventional rats. Gudmundsson OG, et al. **Exp Eye Res** 1984 Nov;39(5):575-81

Ultrastructural morphometric cell evaluation in chronic lymphocytic leukaemias. Slubowski T, et al. **Folia Haematol (Leipz)** 1985;112(1):141-9

Effect of oxidants and antioxidants on chromosomal breakage in Fanconi anemia lymphocytes. Dallapiccola B, et al. **Hum Genet** 1985;69(1):62-5

Heterochromatin and nucleolus organizer regions in cells of patients with malignant and premalignant lymphatic diseases. Schulze B, et al. **Hum Genet** 1984;67(4):391-5

Combined and individual effects of isoniazid and thiacetazone on human lymphocyte chromosomes in vitro and in vivo. Jaju M, et al. **Hum Toxicol** 1984 Oct;3(5):373-82

Cytogenetic effects of paraoxon and methyl-parathion on cultured human lymphocytes: SCE, clastogenic activity and cell cycle delay. Singh S, et al. **Int Arch Occup Environ Health** 1984;54(3):195-200

Tumorigenicity of human lymphoblastoid cell lines, acquired during in vitro culture and associated with chromosome gains. Morten JE, et al. **Int J Cancer** 1984 Oct 15; 34(4):463-70

An electron microscopic study on macrophages and lymphocytes in lepromatous and borderline leprosy. Burchard GD, et al. **Int J Lepr Other Mycobact Dis** 1985 Mar;53(1):64-9

Calcium-dependent association of a protein complex with the lymphocyte plasma membrane: probable identity with calmodulin-calcineurin. Chantler PD. **J Cell Biol** 1985 Jul; 101(1):207-16

Single high affinity binding of interferon alpha 2 to receptors on human lymphoblastoid cells: internalization and inactivation of receptors. Faltynek CR, et al. **J Cell Physiol** 1985 Jun;123(3):459-66

Finnish type of sialic acid storage disease with sialuria (Salla disease): the occurrence and diagnostic significance of cytoplasmic vacuoles in blood lymphocytes. Similä S, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):179-86

A centrifugation method for standardized sedimentation of mononuclear human blood cells on glass for scanning electron microscopy. Wouters CH, et al. **J Microsc** 1984 Dec;136 (Pt 3):315-21

Granule formation in large granular lymphocytes (LGL). Ultrastructural and cytochemical studies on cells from patients with abnormally expanded lgl populations. Grossi CE, et al. **J Submicrosc Cytol** 1984 Oct;16(4):759-71

Parallel tubular arrays in large granular lymphocytes [letter] Payne CM. **Lab Invest** 1984 Nov;51(5):598-600

Appearance of extrachromosomal circular DNAs during in vivo and in vitro ageing of mammalian cells. Kunisada T, et al. **Mech Ageing Dev** 1985 Jan;29(1):89-99

Differential effects of experimental hyperlipidemia on various types of rabbit peripheral blood lymphocyte receptors. Skopińska-Różewska E, et al. **Mech Ageing Dev** 1985 Feb; 29(2):111-6

A morphometric classification of acute lymphoblastic leukemia in children. Seshadri R, et al. **Med Pediatr Oncol** 1985;13(4):214-20

Particular ultrastructural aspects in some splenectomized cases of hairy cell leukemia. Mirancea N, et al. **Morphol Embryol (Bucur)** 1984 Oct-Dec;30(4):269-72

The effect of donor age on spontaneous and induced micronuclei. Fenech M, et al. **Mutat Res** 1985 Jan-Feb; 148(1-2):99-105

Direct analysis of radiation-induced chromosome fragments and rings in unstimulated human peripheral blood lymphocytes by means of the premature chromosome condensation technique. Pantelias GE, et al. **Mutat Res** 1985 Mar;149(1):67-72

Magnetic resonance imaging: absence of in vitro cytogenetic damage. Wolff S, et al. **Radiology** 1985 Apr;155(1):163-5

Effects of smoking on spontaneous and induced sister chromatid exchanges in lymphocytes. Nagaya T, et al. **Toxicol Lett** 1985 Jun;25(3):293-6

Morphological changes in blood lymphocytes of chickens infected with infectious bursal disease virus. Kluciński W, et al. **Zentralbl Veterinarmed** [B] 1984 Aug;31(7):518-25

[Preliminary study of sister chromatid exchanges and chromosomal aberrations in the lymphocytes of patients with leukoplakia and oral carcinoma] Li HF, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):69-71, 125 (Eng. Abstr.) **(Chi)**

[More detailed criteria for distinguishing lymphatic and reticular cells using electron microscopy] Bednář B, et al. **Cesk Patol** 1984 Aug;20(3):129-45 (Eng. Abstr.) **(Cze)**

[Cytogenetic study of peripheral blood lymphocytes in treated Hodgkin's disease patients. Prognostic value (letter)] Lai JL, et al. **Presse Med** 1984 Nov 3;13(39):2387-8 **(Fre)**

[Prognostic significance of perivascular round cell infiltrations in oligodendroglioma] Neumann J. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):17-9 (Eng. Abstr.) **(Ger)**

[Nucleolar activity of peripheral lymphocytes in school children staying at a health resort in a pure air region] Hülsse C, et al. **Z Gesamte Hyg** 1984 Nov;30(11):651-3 (Eng. Abstr.) **(Ger)**

[Use of the lymphocyte nucleolar test for group diagnostic studies in environmental hygiene] Pfeifer I. **Zentralbl Bakteriol Mikrobiol Hyg** [B] 1984 Oct; 179(5):397-405 (Eng. Abstr.) **(Ger)**

[Activity of Ag-NORs (nucleolar organizer regions) in lymphocytes and human neoplastic cells] Anglani F, et al. **Pathologica** 1983;75 Suppl:316-9 **(Ita)**

[Sister chromatid exchanges in lymphocytes and smoking habits] Nagaya T, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;

39(2):595-9 (Eng. Abstr.) **(Jpn)**

[A morphological study of the peripheral and bone marrow lymphocytes in a case of graft-versus-host reaction following blood transfusions] Nakazawa M, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):763-74 (Eng. Abstr.) **(Jpn)**

[A case report of multiple myeloma with marked Bence Jones proteinuria but slight serum mono component (IgG-kappa), showing lymphoid plasma cells in the bone marrow] Hishitani Y, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1831-6 (Eng. Abstr.) **(Jpn)**

[Subcellular structures of the peripheral blood lymphocytes in patients with burns] Grabarczyk M, et al. **Patol Pol** 1984 Jan-Mar;35(1):115-27 (Eng. Abstr.) **(Pol)**

[Can chromosome Ph1 be regarded as the marker of the neoplastic multivalent lympho-hematopoietic stem cell?] Rupniewska ZM, et al. **Postepy Hig Med Dosw** 1984 Jan-Feb;38(1):39-60 (106 ref.) (Eng. Abstr.) **(Pol)**

[Plasma cells in the epithelial layer of mouse jejunum] Ferreira MN. **Acta Med Port** 1985 Jan;6(1):5-11 (Eng. Abstr.) **(Por)**

[Structuro-functional activity of lymphocyte chromatin in abortion] Kubatova MG, et al. **Akush Ginekol (Mosk)** 1985 May;(5):39-41 (Eng. Abstr.) **(Rus)**

[Absence of an inhibiting effect of lymphocytes on cultured cell nuclei found in heterokaryons entering into DNA synthesis] Kushch AA, et al. **Dokl Akad Nauk SSSR** 1984; 279(4):990-3 **(Rus)**

[Effect of hypokinesia and acceleration on human chromosomes] Bobkova NN. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):300-2 **(Rus)**

[Intracellular metabolism, ultra-thin structure and surface membrane of leukemic lymphoid T-, D- and non-T, non-B cells in children with acute leukemia] Chernov VM, et al. **Gematol Transfuziol** 1985 Mar;30(3):20-4 (Eng. Abstr.) **(Rus)**

[Electron microscope and immunocytochemical studies of blood cells of children with various subtypes of lymphoblastic leukemia] Naumenko OI, et al. **Gematol Transfuziol** 1985 Mar;30(3):32-5 (Eng. Abstr.) **(Rus)**

[Chromosome aberrations in peripheral blood lymphocytes of persons working with nitrogases] Shmarov DA, et al. **Gematol Transfuziol** 1985 Jun;30(6):34-7 (Eng. Abstr.) **(Rus)**

[Statistical patterns of the formation of acrocentric chromosome associations in human peripheral blood lymphocytes] Frolov AK, et al. **Genetika (Moskva)** 1984 Nov;20(11):1910-5 (Eng. Abstr.) **(Rus)**

[Ultrastructure of the surface of lymphocytes in the peripheral blood of children of different ages] Stepanova EI, et al. **Lab Delo** 1984;(11):676-9 (Eng. Abstr.) **(Rus)**

[Ultrastructure and cytochemical indices of lymphocytes from donors immunized with the rhesus-system antigen D(RhO)] Belokonova IG, et al. **Tsitologiia** 1984 Dec; 26(12):1372-5 (Eng. Abstr.) **(Rus)**

[Electron microscopic analysis of lymphocyte fibrillar elements during the redistribution of surface receptors] Bobrova IF, et al. **Tsitologiia** 1985 Mar;27(3):282-6 (Eng. Abstr.) **(Rus)**

[Effect of elevated temperatures on human lymphocyte chromosomes] Govorun RD, et al. **Tsitologiia** 1985 Jan; 27(1):83-7 (Eng. Abstr.) **(Rus)**

[Biochemically labelled human lymphoblastoid cell line. I. Its karyotypic, growth and physiological characteristics] Seregina TM, et al. **Tsitologiia** 1985 Feb;27(2):243-8 (Eng. Abstr.) **(Rus)**

[A topo-optical polarization method of activation of lymphocyte chromatin in the diagnosis of drug allergy] Rats I, et al. **Vestn Dermatol Venerol** 1984 Nov;(11):18-20 (Eng. Abstr.) **(Rus)**

[The karyotype of lymphocytes in the peripheral circulation and of bone marrow cells in 80-year-old and older persons] Izakovič V, et al. **Vnitr Lek** 1984 Oct;30(10):974-83 (Eng. Abstr.) **(Slo)**

B LYMPHOCYTES

see related

LYMPHOCYTE COOPERATION

Predominant T cells in pleural effusion of a patient with B-cell CLL. Ben-Chetrit E, et al. **Acta Haematol (Basel)** 1985;73(2):101-3

Polymorphic B-cell lymphoma of the eyelid. Lins ME, et al. **Am J Ophthalmol** 1984 Nov;98(5):634-5

Diagnostic importance of immunological markers in lymphoma involving the central nervous system. Ezrin-Waters C, et al. **Ann Neurol** 1984 Dec;16(6):668-72

Peripheral blood and bone marrow lymphocytes of B chronic lymphocytic leukaemia patients. De Paoli P, et al. **Boll Ist Sieroter Milan** 1984;63(6):534-6

Establishment of T and B cell lines from patients with mycosis fungoides. Kaltoft K, et al. **Br J Dermatol** 1984 Sep;111(3):303-8

Primary cutaneous B-cell lymphoma. Report of a case and review of the English-language literature. Kantor GR, et al. **Cleve Clin Q** 1985 Spring;52(1):87-93

Biochemical and physiochemical characteristics of a pre-B cell stimulating factor produced by the plasmacytoma cell line LICR LON HMY2. Trudgett A, et al. **Clin Exp Immunol** 1985 Mar;59(3):637-43

Oncogenes in B-cell neoplasia. Workshop at the National Cancer Institute, National Institutes of Health, Bethesda, MD, USA, March 5-7,1984. **Curr Top Microbiol Immunol** 1984;113:1-268

Enumeration of TG lymphocytes in B-chronic lymphocytic leukaemia (B-CLL) by a rapid double-rosetting technique. Cillari E, et al. **Diagn Immunol** 1984;2(4):224-7

Human anti-tetanus toxoid monoclonal antibody secreted by EBV-transformed human B cells fused with murine myeloma. Kozbor D, et al. **Hybridoma** 1982;1(3):323-8

Neoplastic kappa and lambda cells in a B-PLL with chromosome translocations of both light chain gene regions. Brito-Babapulle V, et al. **Int J Cancer** 1984 Dec 15;34(6):769-73

Cutaneous B cell lymphoma: diagnostic use of monoclonal antibodies. Hanno R, et al. **J Am Acad Dermatol** 1985 Aug; 13(2 Pt 2):373-7

Immunoperoxidase detection of T and B cells in blood compared with conventional methods. Hui PK, et al. **J Clin Pathol** 1984 Dec;37(12):1343-7

Ontogeny of B cell precursors responding to alpha 1- greater than 3 dextran in BALB/c mice. Stohrer R, et al. **J Immunol** 1984 Nov;133(5):2323-6

A procedure for the isolation of highly purified populations of B cells, T cells and monocytes from human peripheral and umbilical cord blood. Hoover ML, et al. **J Immunol Methods** 1985 Apr 8;78(1):71-85

Hodgkin-cell leukaemia of B-cell origin [letter] Wright DH. **Lancet** 1985 Feb 9;1(8424):339

A vector that replicates as a plasmid and can be efficiently selected in B-lymphoblasts transformed by Epstein-Barr virus. Sugden B, et al. **Mol Cell Biol** 1985 Feb;5(2):410-3

The t(14;18) chromosome translocations involved in B-cell neoplasms result from mistakes in VDJ joining. Tsujimoto Y, et al. **Science** 1985 Sep 27;229(4720):1390-3

Enrichment of canine B-lymphocytes by DEGALAN bead columns. Krumbacher K, et al. **Tissue Antigens** 1985 Feb; 25(2):111-4

[T and B cells in gingival tissue in periodontitis] Chen JX. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):171-2 **(Chi)**

[A case of B cell ALL accompanied with a complaint of a tumor formation on the skull] Tauchi M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1442-5 (Eng. Abstr.) **(Jpn)**

[Evaluation of populations of peripheral lymphocytes in healthy newborn infants] Samsygina GA, et al. **Pediatriia** 1985 Mar;(3):11-5 (Eng. Abstr.) **(Rus)**

ANALYSIS

The large sialoglycoprotein of human lymphocytes. II. Biochemical features. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):427-33

The large sialoglycoprotein of human lymphocytes. I. Distribution on T and B lineage cells as revealed by a monospecific chicken antibody. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):417-26

Identification of soluble Fc receptors in mouse serum and the conditioned medium of stimulated B cells. Pure E, et al. **J Exp Med** 1984 Dec 1;160(6):1836-49

Identification and characterization of the Epstein-Barr virus receptor on human B lymphocytes and its relationship to the C3d complement receptor (CR2). Nemerow GR, et al. **J Virol** 1985 Aug;55(2):347-51

Aberrant recombination events in B cell lines derived from a kappa-deficient human. Stavnezer J, et al. **Nucleic Acids Res** 1985 May 24;13(10):3495-514

[Comparative analysis of membrane glycoproteins of normal and chronic lymphatic leukemia B lymphocytes by lectins] de Dios I, et al. **Rev Esp Fisiol** 1985 Jun;41(2):211-6 (Eng. Abstr.) **(Spa)**

CLASSIFICATION

Immature sinus histiocytes. Their identification as a novel B-cell population. Stein H, et al. **Am J Pathol** 1984 Oct; 117(1):44-52

A subpopulation of lymph node B-CLL cells expresses the common acute lymphoblastic leukemia antigen. Van den Oord JJ, et al. **Anticancer Res** 1984 Nov-Dec;4(6):379-82

Transplant site affects splenic T- and B-cell survival and function. Livingston CD, et al. **Arch Surg** 1985 Jan; 120(1):89-92

A rheumatoid arthritis B cell subset expresses a phenotype similar to that in chronic lymphocytic leukemia. Plater-Zyberk C, et al. **Arthritis Rheum** 1985 Sep; 28(9):971-6

Synergy of helper factors in the differentiation of in vivo-preactivated antigen-specific human B cells. Peters M, et al. **Cell Immunol** 1985 Mar;91(1):33-42

The regulatory locus r lambda 1 affects the level of lambda 1 light chain synthesis in lipopolysaccharide-activated lymphocytes but not the frequency of lambda 1-positive B cell precursors. Sanchez P, et al. **Eur J Immunol** 1985 Jan;15(1):66-72

Capacity of small B cell-enriched populations to stimulate mixed lymphocyte reactions: marked differences between irradiated vs. mitomycin C-treated stimulators. Webb SR, et al. **Eur J Immunol** 1985 Jan;15(1):92-6

Peripheral B and T-cell subsets defined by monoclonal antibodies in patients treated with histamine type-2 receptor antagonists [letter] Cavanna L, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):503-4

B- and T-cell subsets in follicular centroblastic/centrocytic (cleaved follicular center cell) lymphoma: an immunohistologic analysis of 26 lymph nodes and three spleens. Swerdlow SH, et al. **Hum Pathol** 1985 Apr; 16(4):339-52

Monoclonal antibody-defined B lymphocyte subpopulations in primary immunodeficiency disorders. Gupta S, et al. **J Clin Lab Immunol** 1985 Feb;16(2):59-62

Human immune response to group A streptococcal carbohydrate (A-CHO). I. Quantitative and qualitative analysis of the A-CHO-specific B cell population responding in vitro to polyclonal and specific activation. Emmrich F, et al. **J Exp Med** 1985 Mar 1;161(3):547-62

Induction of immunoglobulin isotype switching in cultured I.29 B lymphoma cells. Characterization of the accompanying rearrangements of heavy chain genes. Stavnezer J, et al. **J Exp Med** 1985 Mar 1;161(3):577-601

Surface marker characterization of EBV target cells in normal blood and tonsil B lymphocyte populations. Aman P, et al. **J Immunol** 1985 Oct;135(4):2362-7

Isolation and functional analysis of human B cell populations. I. Characterization of the B1+B2+ and B1+B2- subsets. Anderson KC, et al. **J Immunol** 1985 Feb;134(2):820-7

Human B cell development. II. Subpopulations in the human fetus. Bofill M, et al. **J Immunol** 1985 Mar;134(3):1531-8

Studies of in vitro activation and differentiation of human B lymphocytes. I. Phenotypic and functional characterization of the B cell population responding to anti-Ig antibody. Boyd AW, et al. **J Immunol** 1985 Mar; 134(3):1516-23

Human B cell development. I. Phenotypic differences of B lymphocytes in the bone marrow and peripheral lymphoid tissue. Campana D, et al. **J Immunol** 1985 Mar; 134(3):1524-30

Phenotypic expression of B lymphocytes. III. Marginal zone B cells in the spleen are characterized by the expression of Tac and alkaline phosphatase. Hsu SM. **J Immunol** 1985 Jul;135(1):123-30

Age-dependent changes in B lymphocyte lineage cell populations of autoimmune-prone BXSB mice. Jyonouchi H, et al. **J Immunol** 1985 Feb;134(2):858-64

Immunoregulation in the rat: ontogeny of B cell responses to types 1, 2, and T-dependent antigens. Kimura S, et al. **J Immunol** 1985 May;134(5):2839-46

Cross-reactive idiotype family observed in the phthalate-specific B cell repertoire of adult BALB/c mice: diversity of IgM compared with IgG monoclonal anti-phthalate antibodies. Luo SC, et al. **J Immunol** 1985 Aug;135(2):1252-8

Antigen-specific B cells efficiently present low doses of antigen for induction of T cell proliferation. Malynn BA, et al. **J Immunol** 1985 Aug;135(2):980-8

Alloantigen presentation by B cells: two types of alloreactive T cell hybridomas, B cell-reactive and B cell-nonreactive. Minami M, et al. **J Immunol** 1985 Jul;135(1):111-6

H-2-restricted helper activity mediated by immunoglobulin-bearing lymphocytes. Sherr DH, et al. **J Immunol** 1985 Apr;134(4):2084-9

Three distinct antigen systems on human B cell subpopulations as defined by monoclonal antibodies. Takami T, et al. **J Immunol** 1985 Feb;134(2):828-34

B cell immune repertoire diversifies in a predictable temporal order in vitro. Teale JM. **J Immunol** 1985 Aug;135(2):954-8

Development and distribution of a human B cell subpopulation identified by the HB-4 monoclonal antibody. Tedder TF, et al. **J Immunol** 1985 Mar;134(3):1539-44

Size-dependent B lymphocyte subpopulations: relationship of cell volume to surface phenotype, cell cycle, proliferative response, and requirements for antibody production to TNP-Ficoll and TNP-BA. Thompson CB, et al. **J Immunol** 1984 Nov;133(5):2333-42

Homologous monoclonal antibodies specific for alpha 1-3 dextran stimulate polyclonal proliferation of Lyb-5+ B cells. Victor-Kobrin C, et al. **J Immunol** 1985 Jun; 134(6):3686-92

Preparative scale separation of functionally distinct murine B cell subpopulations. Chaby R, et al. **J Immunol Methods** 1985 Jun 25;80(2):255-65

T and B lymphocytes in canine lymphosarcoma. Koyama H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):157-60

Aberration of B and T cell subsets in patients with IgA nephropathy and membranous nephropathy. Suga T, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):95-101

[Cytochemical differentiation of T- and B-lymphocytes in the short-tailed mouse (Clethrionomys glareolus)] Budde R, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:83-105 (Eng. Abstr.) **(Ger)**

[Lymphocytes and lymphocyte subpopulations] Seelig HP. **Immun Infekt** 1984 Oct;12(5):217-28 (135 ref.) (Eng. Abstr.) **(Ger)**

[Lymphocyte study in the selective deficit of IgA] Danieli MG, et al. **Recenti Prog Med** 1984 Dec;75(12):1061-75 (Eng. Abstr.) **(Ita)**

[Quantitative evaluation of T and B lymphocytes in the peripheral blood of newborn infants with infections] Godula-Stuglik U, et al. **Pediatr Pol** 1984 Jun;59(6):443-8 (Eng. Abstr.) **(Pol)**

CYTOLOGY

Effects of bovine viral diarrhea virus on the percentages and absolute numbers of circulating B and T lymphocytes in cattle. Bolin SR, et al. **Am J Vet Res** 1985 Apr;46(4):8[illegible]-6

The two waves of B-lymphocyte differentiation. Nossal GJ. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):195-9

B lymphopoiesis in mammalian ontogeny: earliest sites of B lymphopoiesis and microenvironmental factors. Owen JJ. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):192-5

Comparison of immature B-cell populations in neonates and adults. Zharhary D, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):199-204

Electrophoretic mobilities and levels of T and B lymphocytes in human pregnancy. Knippel E, et al. **Arch Gynecol** 1984; 236(2):61-7

Electrophoretic mobility of leukocytes in leukemia patients. Holowiecki J, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(2):161-5

Synergism between diacylglycerols and calcium ionophore in the induction of human B cell proliferation mimics the inositol lipid polyphosphate breakdown signals induced by crosslinking surface immunoglobulin. Guy GR, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):484-91

B cell differentiation [letter] Efremidis AP, et al. **Blood** 1985 Jan;65(1):248-9

Cell cycle progression of stimulated lymphocytes of various B-cell leukemias. Sadamori N, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):181-3

Characterization of normal peripheral blood T- and B-cell colony-forming cells: growth factors(s) and accessory cell requirements for their in vitro proliferation. Georgoulias V, et al. **Cell Immunol** 1985 Jan;90(1):1-13

Regulation of B-lymphocyte production in the bone marrow: role of macrophages and the spleen in mediating responses to exogenous agents. Pietrangeli CE, et al. **Cell Immunol** 1985 Aug;94(1):147-58

Morphologic analysis of long-term bone marrow cultures that support B-lymphopoiesis or myelopoiesis. Dorshkind K, et al. **Cell Tissue Res** 1985;239(2):375-82

Human B cell colony growth from pre-B cells in vitro. Fay AC, et al. **Clin Exp Immunol** 1985 Mar;59(3):629-36

Soluble-factor induction of B-cell growth. Howard M. **Contemp Top Mol Immunol** 1985;10:181-93 (50 ref.)

Role of interleukin-1 in human B-cell activation. Lipsky PE. **Contemp Top Mol Immunol** 1985;10:195-217

T-cell factors that promote B-cell proliferation and differentiation. Swain SL, et al. **Contemp Top Mol Immunol** 1985;10:219-29 (30 ref.)

Propagation of B lymphocytes in vitro. Braun J, et al. **Curr Top Microbiol Immunol** 1984;113:237-40

Activation of the c-myc oncogene in B and T lymphoid tumors. Cory S, et al. **Curr Top Microbiol Immunol** 1984; 113:161-5

Follicular hyperplasia in the prelymphomatous avian bursa: relationship to the incidence of B-cell lymphomas. Humphries EH, et al. **Curr Top Microbiol Immunol** 1984; 113:47-55

The regulation of c-myc by growth signals. Kelly K, et al. **Curr Top Microbiol Immunol** 1984;113:117-26

Factors affecting normal and malignant B lymphocyte precursors. Kincade PW, et al. **Curr Top Microbiol Immunol** 1984;113:104-8

Development of cells of the B-lymphocyte lineage in longterm culture. Kurland JI, et al. **Curr Top Microbiol Immunol** 1984;113:217-23

Multiple steps in the transformation of normal B cells towards neoplasia. Melchers F. **Curr Top Microbiol Immunol** 1984; 113:56-61

Introduction to long-term cultures of normal B lymphocytes. Morse HC 3d. **Curr Top Microbiol Immunol** 1984;113:208-9

Transferrin receptors regulate proliferation of normal and malignant B cells. Neckers LM. **Curr Top Microbiol Immunol** 1984;113:62-8

Effects of mu-specific antibodies on B cell growth and maturation. Leanderson T, et al. **Eur J Immunol** 1984 Nov; 14(11):1016-21

Mapping cell surface antigens on mouse pre-B cell lines. McKearn JP, et al. **Eur J Immunol** 1985 Mar;15(3):295-8

Early B cell precursors in long-term bone marrow culture: selective development in the bone marrow of irradiated recipients. Nishikawa S, et al. **Eur J Immunol** 1985 Jul; 15(7):696-701

Regulation of pre-B cell proliferation in bone marrow: immunofluorescence stathmokinetic studies of cytoplasmic mu chain-bearing cells in anti-IgM-treated mice, hematologically deficient mutant mice and mice given sheep red blood cells. Opstelten D, et al. **Eur J Immunol** 1985 Jun;15(6):599-605

Clones of B lymphocytes in individual follicles of the bursa of Fabricius. Pink JR, et al. **Eur J Immunol** 1985 Jan; 15(1):83-7

Differentiation in the murine B cell lymphoma I.29: inductive capacities of lipopolysaccharide and Mycoplasma fermentans products. Sitia R, et al. **Eur J Immunol** 1985 Jun;15(6):570-5

Accessory function of human leukemic cell lines: properties of B and B-K562 hybrid cell lines. Wakasugi H, et al. **Eur J Immunol** 1985 Mar;15(3):256-61

Helper function of human T cells with different affinity for Helix pomatia A hemagglutinin in a tetanus toxoid-induced B cell differentiation system. Wikén M, et al. **Eur J Immunol** 1984 Nov;14(11):1003-9

Differential response of lymphocytes to free and sepharose-linked anti-immunoglobulin during different phases of the cell cycle. Ramanadham M, et al. **Exp Cell Res** 1985 Jul;159(1):257-60

Effects of the motheaten gene on murine B-cell production. McCoy KL, et al. **Exp Hematol** 1985 Jul;13(6):554-9

B cell lineage: part of the differentiation program of human pluripotent stem cells. Fauser AA, et al. **Hamatol Bluttransfus** 1985;29:433-5

Role of accessory cells in B lymphocyte progenitor differentiation. Gisler RH, et al. **Immunobiology** 1984 Dec; 168(3-5):441-52 (55 ref.)

B-cell production and differentiation in adult rats. Bazin H, et al. **Immunology** 1985 Jan;54(1):79-88

Long-term cultures of murine fetal liver retain very early B lymphoid phenotype. Denis KA, et al. **J Exp Med** 1984 Oct 1;160(4):1087-101

Cell cycle-related expression of the receptor for a B cell differentiation factor. Brooks KH, et al. **J Immunol** 1985 Feb;134(2):742-7

Morphologic and phenotypic features of the subpopulation of Leu-2+ cells that suppresses B cell differentiation. Clement LT, et al. **J Immunol** 1984 Nov;133(5):2461-8

Lymphokine-like activity of 8-mercaptoguanosine: induction of T and B cell differentiation. Feldbush TL, et al. **J Immunol** 1985 May;134(5):3204-11

Lacrimal gland-directed B cell responses. Franklin RM, et al. **J Immunol** 1985 Jul;135(1):95-9

Maturational and functional diversity of human B lymphocytes delineated with anti-Leu-8. Kansas GS, et al. **J Immunol** 1985 May;134(5):3003-6

Autoregulation of B cell growth by an immunoglobulin M autoantibody. Kiely JM, et al. **J Immunol** 1985 Aug; 135(2):1040-5

Molecular events in B cell activation. I. Signals required to stimulate G0 to G1 transition of resting B lymphocytes. Monroe JG, et al. **J Immunol** 1985 Sep;135(3):1674-82

Signal requirements for growth and differentiation of activated murine B lymphocytes. Müller W, et al. **J Immunol** 1985 Aug;135(2):1213-9

In vivo maturation of pre-B cells derived from long-term cultured bone marrow. Nagasawa R, et al. **J Immunol** 1985 Aug;135(2):965-72

Differentiation of murine B cell precursors in agar culture. II. Response of precursor-enriched populations to growth stimuli and demonstration that the clonable pre-B cell assay is limiting for the B cell precursor. Paige CJ, et al. **J Immunol** 1985 Jun;134(6):3699-704

Maturation of B cell subpopulations responding to phosphorylcholine. Smyk S, et al. **J Immunol** 1985 Apr; 134(4):2254-9

Mutant EL-4 thymoma cells polyclonally activate murine and human B cells via direct cell interaction. Zubler RH, et al. **J Immunol** 1985 Jun;134(6):3662-8

Human blood B lymphocytes with receptors for sheep erythrocytes--their relevance in techniques to obtain T cells depleted of mature B cells. Lobo PI. **J Immunol Methods** 1984 Nov 16;74(1):105-13

In vitro induction of B cell differentiation in canine mononuclear blood cells: bacterial lipopolysaccharide modulates the action of pokeweed mitogen. Prümmer O, et al. **J Immunol Methods** 1984 Dec 14;75(1):193-9

Control of in vitro lymphocyte proliferation by copper, magnesium and zinc deficiency. Flynn A. **J Nutr** 1984 Nov; 114(11):2034-42

CSF findings and distribution of T and B lymphocytes in Vogt-Koyanagi-Harada disease. Shoji H, et al. **Kurume Med J** 1984;31(3):203-7

A cell cycle analysis of murine lymphokines. Herbert AG, et al. **Lymphokine Res** 1985 Winter;4(1):5-11

Use of anti-Fab columns for the isolation of human lymphocyte populations. Romain PL, et al. **Methods Enzymol** 1984;108:148-53

Use of antisera and complement for the purification of lymphocyte subpopulations. Shen FW. **Methods Enzymol** 1984;108:249-53

Cross-linking surface immunoglobulin increases the stiffness of lymphocytes. Elson EL, et al. **Mol Immunol** 1984 Dec; 21(12):1253-7

Perinatal influences on in vitro B lymphocyte differentiation in human neonates. Pittard WB 3d, et al. **Pediatr Res** 1985 Jul;19(7):655-8

Specific 5' and 3' regions of the mu-chain gene are undermethylated at distinct stages of B-cell differentiation. Blackman MA, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(11):3809-13

Identification of B cells in multilineage hematopoietic colonies derived from cells of patients with lymphocytic lymphoma. Fauser AA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):883-5

Affinity-purified interleukin 2 induces proliferation of large but not small B cells. Mond JJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1518-21

Hypermutation at the immunoglobulin heavy chain locus in a pre-B-cell line. Wabl M, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):479-82

Changes in piglet leucocytes, B lymphocytes and plasma cortisol from birth to three weeks after weaning. McCauley I, et al. **Res Vet Sci** 1984 Sep;37(2):234-41

Peritoneal B cells differentiate without proliferation into autoantibody secretors under the influence of factors released by other cells. Cox KO, et al. **Scand J Immunol** 1984 Dec;20(6):527-32

Cloning of the chromosome breakpoint of neoplastic B cells with the t(14;18) chromosome translocation. Tsujimoto Y, et al. **Science** 1984 Nov 30;226(4678):1097-9

Cellular events in the differentiation of antibody-secreting cells. Calvert JE, et al. **Semin Hematol** 1984 Oct; 21(4):226-43 (228 ref.)

The effects of interleukin-1, interleukin-2, alpha-interferon, and gamma-interferon on human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1984;97:182-9

Immunohistological analysis of serial biopsies taken during human renal allograft rejection. Changing profile of infiltrating cells and activation of the coagulation system. Hancock WW, et al. **Transplantation** 1985 Apr;39(4):430-8

[Determination of B and T lymphocytes in cattle and swine] Müller G. **Arch Exp Veterinarmed** 1984 Jul;38(4):555-63 (Eng. Abstr.) **(Ger)**

[T lymphocyte picture in the 'eye' of B lymphocytes, or the utilization of antibodies in studies on the maturation, variability, function and specificity of differentiating cells in the thymus gland] Kisielow P. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):577-99 (134 ref.) (Eng. Abstr.) **(Pol)**

DRUG EFFECTS

Immunological activities of RU-41740, a glycoproteic extract from Klebsiella pneumoniae. I.--Activation of murine B cells and induction of interleukin-1 production by macrophages. Guenounou M, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):59-69

Mitogenic signals are not required to circumvent the cyclosporin-induced inhibition of TNP-specific B memory cell expression. Shidani B, et al. **Ann Inst Pasteur Immunol** 1985 May-Jun;136C(3):313-21

Polymyxin B causes coordinate inhibition of phorbol ester-induced C-kinase activity and proliferation of B lymphocytes. Nel AE, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1364-72

Determinants of deoxyadenosine toxicity in hybrids between human T- and B- lymphoblasts as a model for the development of drug resistance in T-cell acute lymphoblastic leukemia. Kurtzberg J, et al. **Cancer Res** 1985 Apr;45(4):1579-86

Metabolic basis of arabinonucleoside selectivity for human leukemic T- and B-lymphoblasts. Verhoef V, et al. **Cancer Res** 1985 Aug;45(8):3646-50

8-Hydroxyguanosine and 8-methoxyguanosine possess immunostimulating activity for B lymphocytes. Ahmad A, et al. **Cell Immunol** 1985 Aug;94(1):276-80

Effect of lipopolysaccharide on the stimulation of macrophage Fc-dependent phagocytosis by splenic B lymphocytes. Coleman DL, et al. **Cell Immunol** 1985 Apr 1;91(2):520-7

Human B-cell proliferation in response to recombinant interleukin 2 is not due to T-cell help. Lê thi Bich-Thuy, et al. **Cell Immunol** 1985 Sep;94(2):353-9

Immunoglobulin M and immunoglobulin G secretion by human B cells exposed to RU 41.740, a glycoprotein extract from Klebsiella pneumoniae. Martinez-Maza O, et al. **Cell Immunol** 1985 Feb;90(2):569-76

Inhibition of pokeweed mitogen-induced B cell differentiation by compounds containing primary amine or hydrazine groups. de Boccardo G, et al. **Clin Exp Immunol** 1985 Jan;59(1):69-76

The effect of 2'deoxyguanosine on human lymphocyte responses. II. 2'deoxyguanosine enhances PWM-induced B cell differentiation. Hanglow AC, et al. **Clin Exp Immunol** 1985 Mar;59(3):659-65

Phorbol ester-induced expression and function of the interleukin 2 receptor in human B lymphocytes. Ando I, et al. **Eur J Immunol** 1985 Apr;15(4):341-4

Study on the effect of calf thymic peptides preparation (TP) on human B lymphocytes. Zhu LP, et al. **Immunol Invest** 1985 Apr;14(2):115-29

Effect of cyclosporin-A (CsA) on the ability of T lymphocyte subsets to inhibit the proliferation of autologous EBV-transformed B cells. Bejarano MT, et al. **Int J Cancer** 1985 Mar 15;35(3):327-33

Selective inhibition of the in vitro murine B lymphocyte response by pentamidine. Ferrante A, et al. **Int J Immunopharmacol** 1985;7(2):281-5

The effect of steroids on the circulating lymphocyte population--VI. Studies of the thoracic duct T- and B-lymphocyte populations after neonatal thymectomy and prednisolone treatment. An immunofluorescence study in the rat. Hedman LA, et al. **Int J Immunopharmacol** 1984; 6(4):357-63

Estradiol induced alterations of the immune system--I. Enhancement of IgM production. Myers MJ, et al. **Int J Immunopharmacol** 1985;7(2):207-13

Effects of in vitro corticosteroids on B cell activation, proliferation, and differentiation. Cupps TR, et al. **J Clin Invest** 1985 Feb;75(2):754-61

Regulation of human B cell activation by prostaglandin E2. Suppression of the generation of immunoglobulin-secreting cells. Jelinek DF, et al. **J Clin Invest** 1985 Apr; 75(4):1339-49

2'-deoxyguanosine toxicity for B and mature T lymphoid cell lines is mediated by guanine ribonucleotide accumulation. Sidi Y, et al. **J Clin Invest** 1984 Nov; 74(5):1640-8

Synthetic lipopeptide analogs of bacterial lipoprotein are potent polyclonal activators for murine B lymphocytes. Bessler WG, et al. **J Immunol** 1985 Sep;135(3):1900-5

Purified recombinant human leukocyte interferons IFLrA and IFLrD induce human lupus inclusions in Raji and

Daudi cells. Rich SA, et al. **J Interferon Res** 1984 Summer; 4(3):335-45

Cyclosporin A directly inhibits human B-cell proliferation by more than a single mechanism. Hannam-Harris AC, et al. **J Leukocyte Biol** 1985 Aug;38(2):231-9

The molecular basis for the differential sensitivity of B and T lymphocytes to growth inhibition by thymidine and 5-fluorouracil. el-Assouli SM. **Leuk Res** 1985;9(3):391-8

Enhancement of murine B cell responses to lipopolysaccharide by supernatants of irradiated peripheral blood leukocytes. Chaby R, et al. **Mol Cell Biochem** 1985 Feb;66(1):31-8

Induction of sister-chromatid exchange (SCE) and cell-cycle inhibition in mouse peripheral blood B lymphocytes exposed to mutagenic carcinogens in vivo. Kligerman AD, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):181-7

Selective action of cyclophosphamide on T and B cell activity. Sigel MM, et al. **Prog Clin Biol Res** 1984;161:241-8

[Changes in the white blood picture and the T- and B-lymphocyte counts in the peripheral blood of pigs after treatment with E. coli endotoxin] Andonova M, et al. **Vet Med Nauki** 1984;21(6):101-6 (Eng. Abstr.) **(Bul)**

[Evaluation of lymphocyte subpopulations using monoclonal antibodies in patients with rheumatoid arthritis undergoing treatment with a new gold salt (auranofin)] Di Matteo L, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):777-81 (Eng. Abstr.) **(Ita)**

[Immunological study on localized intrahepatic injection of Adriamycin--experimental study in rats] Takada T, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):907-12 (Eng. Abstr.) **(Jpn)**

[Regulation of the cell cycle of B-lymphocytes in mice by substances elevating the levels of intracellular cAMP and cGMP] Ado AD, et al. **Biull Eksp Biol Med** 1985 Apr; 99(4):455-8 (Eng. Abstr.) **(Rus)**

[Effect of cholino- and adrenomimetic substances on B-lymphocyte proliferation in mice during a primary immune response to a protein antigen] Ado AD, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):46-8 (Eng. Abstr.) **(Rus)**

[Cyclic nucleotides and calcium ions in the activation of B-lymphocyte movement in mice by an anti-immunoglobulin serum] Ado AD, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):692-4 (Eng. Abstr.) **(Rus)**

[Sensitivity of the splenic immunocompetent cells of mice with different genotypes to the action of alkylating agents] Pevnitskiĭ LA, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):213-5 (Eng. Abstr.) **(Rus)**

[Determination of the antihistaminic properties of histidine derivatives on models of guinea pig T- and B-lymphocyte rosette formation] Sharpan' IuV. **Biull Eksp Biol Med** 1984 Oct;98(10):503-5 (Eng. Abstr.) **(Rus)**

[Effect of type II neuroleptanalgesia on T and B lymphocytes] Pacheco M, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):225-8 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Enhanced tyrosine phosphorylation in B lymphocytes upon complexing of membrane immunoglobulin. Nel AE, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):859-66

Epstein-Barr virus induces a unique pyrimidine deoxynucleoside kinase activity in superinfected and virus-producer B cell lines. Stinchcombe T, et al. **Biochemistry** 1985 Apr 9;24(8):2027-33

Epstein-Barr virus transformed lymphoid cell lines as a new model system in culture for the study of GM2-gangliosidoses: Tay-Sachs and Sandhoff diseases. Maret A, et al. **Biol Cell** 1985;53(3):293-6

Heterogeneity of B cell involvement in acute nonlymphocytic leukemia. Ferraris AM, et al. **Blood** 1985 Aug;66(2):342-4

Cytidine deaminase activity of human normal and malignant lymphoid cells. Pérignon JL, et al. **Clin Chim Acta** 1985 Apr 15;147(2):67-74

DNA ligases as markers of lymphoid cell maturation and heterogeneity in the chicken. David JC, et al. **Eur J Immunol** 1985 Jan;15(1):77-82

Beta-glucuronidase activity in human T and B lymphocytes and the Tmu and T gamma subpopulations. Orye E, et al. **Histochemistry** 1984;81(3):287-90

Genetic expression in partial adenosine deaminase deficiency. mRNA levels and protein turnover for the enzyme variants in human B-lymphoblast cell lines. Daddona PE, et al. **J Biol Chem** 1985 Mar 25;260(6):3875-80

Characterization of distinct tyrosine-specific protein kinases in B and T lymphocytes. Earp HS, et al. **J Biol Chem** 1985 Apr 10;260(7):4351-6

Tyrosine kinase activity of the insulin receptor of patients with type A extreme insulin resistance: studies with circulating mononuclear cells and cultured lymphocytes. Grunberger G, et al. **J Clin Endocrinol Metab** 1984 Dec; 59(6):1152-8

Cyclic AMP induces terminal deoxynucleotidyl transferase in immature B cell leukemia lines. Siden EJ, et al. **J Immunol** 1985 Aug;135(2):1518-22

Ecto-5'-nucleotidase can provide the total purine requirements of mitogen-stimulated human T cells and rapidly dividing human B lymphoblastoid cells. Thompson LF. **J Immunol** 1985 Jun;134(6):3794-7

Ecto-5'-nucleotidase. II. Effect of 12-O-tetradecanoylphorbol 13-acetate on the expression of enzyme in normal and neoplastic B-cell lines. Hibi T, et al. **JNCI** 1984 Nov;73(5):1081-5

Ecto-5'-nucleotidase. I. Expression in human normal and neoplastic lymphoid cell lines representing sequential stages of B-cell differentiation. SenGupta S, et al. **JNCI** 1984 Nov;73(5):1075-80

Cytochemical analysis of acid hydrolases expression during phorbol diester (TPA)-driven differentiation of B-chronic lymphocytic leukaemia cells in vitro. Dufer J, et al. **Leuk Res** 1984;8(5):813-20

Insertion of N regions into heavy-chain genes is correlated with expression of terminal deoxytransferase in B cells. Desiderio SV, et al. **Nature** 1984 Oct 25-31;311(5988):752-5

Acid hydrolase activities in B cell chronic lymphocytic leukaemia lymphocytes: correlation of cytochemical reactions with immunological phenotype. Crockard AD, et al. **Scand J Haematol** 1985 Mar;34(3):242-50

GROWTH & DEVELOPMENT

Ontogeny of human T and B lymphocytes during stressed and normal gestation: phenotypic analysis of umbilical cord lymphocytes from term and preterm infants. Wilson M, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):1-12

IMMUNOLOGY

Surface expression of human myeloma cells: an analysis using a panel of monoclonal antibodies. Katagiri S, et al. **Acta Haematol (Basel)** 1984;72(6):372-8

Analysis of lymphocytes in tonsils and blood from patients with chronic tonsillitis. Plum J, et al. **Acta Otorhinolaryngol Belg** 1984;38(6):632-7

Development of B lymphocyte function in childhood. Andersson U. **Acta Paediatr Scand** 1985 Jul;74(4):568-73

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15

A simultaneous assay for T-cells and B-cells using Immunobeads. Baran MM, et al. **Am J Clin Pathol** 1985 Feb;83(2):182-9

Concerning monocytoid cells [letter] Chilosi M, et al. **Am J Clin Pathol** 1985 Oct;84(4):573-4

Chronic lymphocytic leukemia B-lymphocytes forming SRBC-rosettes not due to an anti-SRBC activity of monoclonal surface immunoglobulin. Herrmann F, et al. **Am J Clin Pathol** 1985 Feb;83(2):249-53

B-cell changes occur in patients with sickle cell anemia. Venkataraman M, et al. **Am J Clin Pathol** 1985 Aug; 84(2):153-8

Hairy-cell leukemia with hybrid B-T features: a study with a panel of monoclonal antibodies. Armitage RJ, et al. **Am J Hematol** 1985 Apr;18(4):335-44

Infectious antecedent of immunoblastic lymphoma. Progressive immunosuppression in a patient with lymphogranuloma venereum. Senitzer D, et al. **Am J Med** 1985 Jan;78(1):163-7

SIg-E- ('null-cell') non-Hodgkin's lymphomas. Multiparametric determination of their B- or T-cell lineage. Knowles DM 2d, et al. **Am J Pathol** 1985 Sep; 120(3):356-70

Requirement of B lymphocytes in local adoptive transfer of experimental allergic orchitis (EAO) by lymph node cells. Hiramine C, et al. **Am J Reprod Immunol** 1984 Oct-Nov; 6(3):85-91

Cellular and lipopolysaccharide subunit requirements for the caprine lymphoblastogenic response to endotoxin. Greenlee A, et al. **Am J Vet Res** 1985 Jan;46(1):75-9

Cross-reactivity of a monoclonal antibody with bovine, equine, ovine, and porcine peripheral blood B lymphocytes. Lewin HA, et al. **Am J Vet Res** 1985 Apr;46(4):785-8

Changes in specific B cells and the dissemination of the primed state in vivo following antigenic stimulation by different mucosal routes. Cebra JJ, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):541-9 (36 ref.)

Association of cell function with quantitative variation in cell surface markers. Andrew EM, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):204-10

Heterogeneity of human B lymphocytes as revealed by monoclonal antibodies. Brochier J, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3):283-99

MHC restriction in T/B cell collaboration: is the controversy settled? Coutinho A. **Ann Immunol (Paris)** 1984 Jul-Aug; 135D(1):71-3

MHC restriction in T cell/B cell interaction: role of B-cell subpopulations and B-cell activation state. Hodes RJ, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):91-5 (8 ref.)

T-dependent B-cell activation: molecules involved in mediating interaction and induction signals. Julius MH. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):85-8 (38 ref.)

Answerable questions about formation and maintenance of the humoral immune system. Kincade PW. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):210-5

Induction of B lymphocytes by helper T cells: requirement of direct cell contact. Martinez C, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):82-5 (18 ref.)

Function of IG receptors in B-cell triggering. Ratcliffe MJ, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):73-9 (27 ref.)

T/B collaboration in vivo vs. in vitro. Sprent J. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):98-105 (31 ref.)

B-cell ontogeny and memory generation. Truffa-Bachi P, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):187-92

Roles of the specific T-helper signal and the antigen signal in B-cell activation. Zubler R. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):79-82 (17 ref.)

Human milk stimulates B cell function. Juto P. **Arch Dis Child** 1985 Jul;60(7):610-3

Immunotropic properties of fractions isolated from human milk. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):203-9

Systemic lupus erythematosus and common variable panhypogammaglobulinemia: a patient with absence of circulating B cells. Goldstein R, et al. **Arthritis Rheum** 1985 Jan;28(1):100-3

Different defects of T cell regulation of Epstein-Barr virus-induced B cell activation in rheumatoid arthritis. Kahan A, et al. **Arthritis Rheum** 1985 Sep;28(9):961-70

Impaired B cell proliferation by Staphylococcus aureus Cowan I in patients with systemic lupus erythematosus. Sawada S, et al. **Arthritis Rheum** 1985 Sep;28(9):1008-15

Rheumatic fever-associated B cell alloantigens as identified by monoclonal antibodies. Zabriskie JB, et al. **Arthritis Rheum** 1985 Sep;28(9):1047-51

Enhanced phosphorylation of endogenous membrane proteins during induction of B lymphocyte proliferation. Ramanadham M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):544-50

Restoration and stimulation of the in vitro immune response of B cells to sheep erythrocytes by interleukins and muramyl dipeptide (MDP). Souvannavong V, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):431-9

N.m.r. studies of myelin basic protein. Conformation of a peptide that is an antigenic determinant for B-cell reactivity. Mendz GL, et al. **Biochem J** 1985 Jul 15; 229(2):305-13

Analysis of C3-receptor activity on human B-lymphocytes and isolation of the complement receptor type 2 (CR2). Micklem KJ, et al. **Biochem J** 1984 Nov 15;224(1):75-86

Prognostic significance of immunoglobulin phenotype in B cell chronic lymphocytic leukemia. Baldini L, et al. **Blood** 1985 Feb;65(2):340-4

High incidence of monoclonal proteins in the serum and urine of chronic lymphocytic leukemia patients. Deegan MJ, et al. **Blood** 1984 Dec;64(6):1207-11

Growth factor-mediated proliferation in B cell non-Hodgkin's lymphomas. Ford RJ, et al. **Blood** 1985 Jun; 65(6):1335-41

Phenotypic and functional analysis of B cell lines from patients with multiple myeloma. Goldstein M, et al. **Blood** 1985 Aug;66(2):444-6

Prolymphocytic leukemia of B cell type: rearranged immunoglobulin (Ig) genes with defective Ig production. Melo JV, et al. **Blood** 1985 Aug;66(2):391-8

Spurious E rosette formation in B cell chronic lymphocytic leukemia due to monoclonal anti-sheep RBC antibody. Mills LE, et al. **Blood** 1985 Feb;65(2):270-4

Impaired responsiveness to B cell growth factor in a patient with common variable hypogammaglobulinemia. Perri RT, et al. **Blood** 1985 Aug;66(2):345-9

Pre-B cells in peripheral blood of multiple myeloma patients. Pilarski LM, et al. **Blood** 1985 Aug;66(2):416-22

Expression of NK-lineage markers on peripheral blood lymphocytes with T-helper (Leu3+/T4+) phenotype in B cell chronic lymphocytic leukemia. Velardi A, et al. **Blood** 1985 Jan;65(1):149-55

Further evidence for the B-cell nature of hairy cells. A study using immunostaining of splenic tissue with a wide panel of monoclonal antibodies. Pallesen G, et al. **Blut** 1984 Nov; 49(5):395-403

B-cell function in AIDS [letter] Sieber G, et al. **Blut** 1985 Sep;51(3):143-4

Blood T and B cells in patients with acute viral hepatitis A, B and non-A non-B. Cargnel A, et al. **Boll Ist Sieroter Milan** 1982;61(5):375-82

Immunoenzymatic determination of immunoglobulins secreted by human peripheral blood lymphocytes in pokeweed mitogen and lipo-polysaccharide stimulated cultures. Quintiliani L, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):188-95

Secretion of immunoglobulin by neoplastic B lymphocytes from lymph nodes of patients with lymphoma. Stevenson FK, et al. **Br J Cancer** 1984 Nov;50(5):579-86

Lymphocytic lymphoma/B-chronic lymphocytic leukaemia--an immunohistopathological study of peripheral B lymphocyte neoplasia. Swerdlow SH, et al. **Br J Cancer** 1984 Nov;50(5):587-99

B-cell activation in human plasma cell dyscrasias. Levinson AI, et al. **Br J Haematol** 1985 Jul;60(3):437-48

Light chain isotype associated suppression of surface immunoglobulin expression on peripheral blood lymphocytes in myeloma during plateau phase. Wearne A, et al. **Br J Haematol** 1984 Nov;58(3):483-9

Effects of chemotherapy on the immunological characteristics of patients with primary destructive pulmonary tuberculosis. Khomenko AG, et al. **Bull WHO** 1984;62(5):763-71

Unaltered immunocompetence in patients with non-disseminated breast cancer at the time of diagnosis. Ludwig CU, et al. **Cancer** 1985 Apr 15;55(8):1673-8

Monoclonal antibodies reactive with B-lymphocytes and histiocytes in paraffin sections. Okon E, et al. **Cancer** 1985 Jul 1;56(1):95-104

Immunopotentiator separated from hot water extract of the seed of Benincasa cerifera Savi (Tohgashi). Kumazawa Y, et al. **Cancer Immunol Immunother** 1985;19(2):79-84

Immunogenicity and immunosensitivity of a guinea pig B-cell leukemia subline lacking cell surface Ia antigens. Tanio Y, et al. **Cancer Res** 1985 Jan;45(1):143-8

Increased efficiency in selective elimination of leukemia cells by a combination of a stable derivative of cyclophosphamide and a human B-cell-specific immunotoxin containing pokeweed antiviral protein. Uckun FM, et al. **Cancer Res** 1985 Jan;45(1):69-75

Cell-type specificity of immunoglobulin gene expression is regulated by at least three DNA sequence elements. Grosschedl R, et al. **Cell** 1985 Jul;41(3):885-97

Il-3-dependent mouse clones that express B-220 surface antigen, contain Ig genes in germ-line configuration, and generate B lymphocytes in vivo. Palacios R, et al. **Cell** 1985 Jul;41(3):727-34

Evidence from cDNA clones that the rat leukocyte-common antigen (T200) spans the lipid bilayer and contains a cytoplasmic domain of 80,000 Mr. Thomas ML, et al. **Cell** 1985 May;41(1):83-93

Immunocompetence of chimeric rabbits. III. Serial passage and persistence of B-lymphocyte memory. Adler FL, et al. **Cell Immunol** 1985 Apr 1;91(2):385-96

Tolerance and immunity in antigen-specific B-lymphocyte lines: early receptor binding of either antigen or tolerogen initiates an immune response. Aldo-Benson MA, et al. **Cell Immunol** 1985 Sep;94(2):312-25

The reactivity of frozen B lymphocytes to B cell mitogens and human B cell growth factor: a study of step 1 and step 2 activators. Bertoglio JH, et al. **Cell Immunol** 1985 Jan;90(1):32-40

Activation of human and murine B cells by anti-immunoglobulin antibody: dependence of the response on the preexisting level of B-cell activation. Boyd AW, et al. **Cell Immunol** 1984 Nov;89(1):75-83

Idiotypic properties of the murine anti-arsonate antibody response: B- and T-cell influences. Conger JD, et al. **Cell Immunol** 1985 Oct 1;95(1):173-9

Activated B lymphocytes: stimulators of an augmented autologous mixed leukocyte reaction. Crow MK, et al. **Cell Immunol** 1985 Feb;90(2):555-68

Induction of hapten-specific immunological tolerance and immunity in B lymphocytes. VII. Correlation between trinitrobenzenesulfonic acid administration, serum trinitrophenyl content, and level of tolerance. Fidler JM. **Cell Immunol** 1985 Aug;94(1):285-91

T-cell function in B-lymphocyte-deprived mice. Gordon J, et al. **Cell Immunol** 1985 Aug;94(1):100-12

Imbalance in recruitment of IgG (Gm) allotype-producing B-cell subsets from blood to brain in multiple sclerosis. Goust JM, et al. **Cell Immunol** 1984 Oct 15;88(2):551-7

Production and characterization of a unique monoclonal antibody against human B cells (33.2.1). Honda M, et al. **Cell Immunol** 1985 Jun;93(1):105-23

Ontogenical studies on kinetics of lipopolysaccharide-induced response to bromelain-treated mouse erythrocytes in mouse spleen cells. II. Response of spleen cells with or without Fc receptors, C3 receptors, or Ia antigens. Kawaguchi S. **Cell Immunol** 1985 Aug;94(1):60-72

The modulation of membrane Ia on human B lymphocytes. Kehrl JH, et al. **Cell Immunol** 1985 May;92(2):391-403

A unidirectional carrier effect. Kohno Y, et al. **Cell Immunol** 1985 May;92(2):226-34

Salmonella typhimurium mitogen induces proliferation of human B lymphocytes. McChesney MB, et al. **Cell Immunol** 1985 Jun;93(1):83-90

Suppression of the polyclonal B-cell responses by concanavalin A-treated bone marrow B cells in vitro. Matsumoto T, et al. **Cell Immunol** 1985 Feb;90(2):378-91

Inhibition of in vitro anti-DNA B-cell responses by cyclosporine. Mayus JL, et al. **Cell Immunol** 1985 Aug;94(1):195-204

Studies of murine lymphocytes and alloantigens. I. Ly-6 mitogen and MLR responses. Michaelides M, et al. **Cell Immunol** 1984 Oct 1;88(1):174-83

Proliferative response of murine B-cell leukemia (BCL1) to poly(L-lysine). Morecki S, et al. **Cell Immunol** 1985 Feb;90(2):392-400

In situ effector pathways of allograft destruction. 2. Generation of the 'humoral' response in the graft and the graft recipient. Nemlander A, et al. **Cell Immurol** 1984 Dec;89(2):420-6

Heterogeneity in the response of T cells to antigens presented by B lymphoma cells. Ratcliffe MJ, et al. **Cell Immunol** 1984 Oct 1;88(1):49-60

Human B-cell-stimulatory-factor production by both T4+ and T8+ lymphocytes. Schwarting R, et al. **Cell Immunol** 1984 Oct 1;88(1):41-8

Lymphoma models for B-cell activation and tolerance. II. Growth inhibition by anti-mu of WEHI-231 and the selection and properties of resistant mutants. Scott DW, et al. **Cell Immunol** 1985 Jun;93(1):124-31

Immunological aspects of retinoids in humans. II. Retinoic acid enhances induction of hemolytic plaque-forming cells. Sidell N, et al. **Cell Immunol** 1984 Oct 15;88(2):374-81

Inhibition of normal lymphocyte responses by cell membranes. Stallcup KC, et al. **Cell Immunol** 1984 Nov;89(1):144-50

Central suppression of monoclonal B cells: DNP-MGG suppresses proliferation and immunoglobulin synthesis in anti-DNP-secreting hybridoma and myeloma. Tsao BP, et al. **Cell Immunol** 1984 Oct 1;88(1):96-108

Primed lymphoid cell tolerance. II. In vivo tolerization of highly tolerogen-sensitive hapten-primed, potentially IgG-producing B cells. Walker SM, et al. **Cell Immunol** 1985 Feb;90(2):331-8

Human B-lymphocyte colony responses: suboptimal colony responsiveness in aged humans associated with defective function of B cells and monocytes. Whisler RL, et al. **Cell Immunol** 1985 Aug;94(1):133-46

Demonstration of intracytoplasmic IgE in circulating lymphocytes of allergic individuals. Wu JP, et al. **Cell Immunol** 1985 May;92(2):321-7

Regulation of immune responses via genetically restricted cellular interactions. II. I-region-restricted cooperation between idiotypic and anti-idiotypic B lymphocytes. Yamamoto H, et al. **Cell Immunol** 1985 Sep;94(2):579-86

Abnormal B cell function in haemophiliacs and their relationship with factor concentrates administration. Brieva JA, et al. **Clin Exp Immunol** 1985 Feb;59(2):491-8

Hypergammaglobulinaemia in Leishmania donovani infected hamsters: possible association with a polyclonal activator of B cells and with suppression of T cell function. Bunn-Moreno MM, et al. **Clin Exp Immunol** 1985 Feb;59(2):427-34

Phorbol ester-induced differentiation of chronic B lymphocytic leukaemia cells--regulatory impact of autologous and allogeneic accessory cells. Danersund A, et al. **Clin Exp Immunol** 1985 Mar;59(3):644-52

Detection of the common acute lymphoblastic leukaemia antigen (CALLA) on B cells from human fetal tissues. A multiple phenotypic characterization. Delia D, et al. **Clin Exp Immunol** 1985 Feb;59(2):305-14

In vivo modulation of polyclonal activation of lymphocytes by SOAz, a cyclophosphazene derived drug. Prevention of murine glomerulonephritis induced by chronic injections of lipopolysaccharide. Dueymes M, et al. **Clin Exp Immunol** 1985 Jan;59(1):169-76

Functional behaviour and immunological phenotype of circulating B lymphocytes in multiple myeloma. Studies with pokeweed mitogen. Gobbi M, et al. **Clin Exp Immunol** 1984 Dec;58(3):625-30

Two distinct antigen systems in human B lymphocytes: identification of cell surface and intracellular antigens using monoclonal antibodies. Ishii Y, et al. **Clin Exp Immunol** 1984 Oct;58(1):183-92

Functional analysis of T and B cells from blood and thyroid tissue in Hashimoto's disease. McLachlan SM, et al. **Clin Exp Immunol** 1985 Mar;59(3):585-92

Functional and phenotypic heterogeneity of electrophoretically separated leukaemic B cells from patients with chronic lymphocytic leukaemia. Platsoucas CD. **Clin Exp Immunol** 1985 Jun;60(3):474-82

Abnormalities in the expression of the leucocyte-common antigen in chronic lymphocytic leukaemia. Smith SK, et al. **Clin Exp Immunol** 1985 Jan;59(1):55-63

Cellular DNA content of T helper, T suppressor and B lymphocytes in SLE. Surányi P, et al. **Clin Exp Immunol** 1984 Oct;58(1):37-41

IgE Fc receptor positive T and B lymphocytes in patients with the hyper IgE syndrome. Thompson LF, et al. **Clin Exp Immunol** 1985 Jan;59(1):77-84

Presence of intracytoplasmic IgG in the lymphocytic infiltrates of the minor salivary glands of patients with primary Sjögren's syndrome. Lane HC, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):237-9

Polyclonal B-cell activation of rabbit Peyer's patch. Axelrod DA. **Clin Immunol Immunopathol** 1985 Sep;36(3):371-7

Antibody deficiency with normal immunoglobulins in a child with hypoplastic anemia. Knutsen AP, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):330-7

Surface immunoglobulin light-chain expression by the 'common' all cell line REH. Koziner B, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):135-41

Staphylococcal protein A bound to Sepharose 4B is mitogenic for T cells but not B cells from rabbit tissues. Kraft SC, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):13-21

Accessory cell function of human alveolar macrophages in B-cell activation induced by pokeweed mitogen. McCarron RM, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):351-62

Hyper-Ia antigen expression on B cells from B6-lpr/lpr mice correlates with manifestations of the autoimmune state. Monroe JG, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):124-9

Production of autoantibodies to cellular antigens by human B cells transformed by Epstein-Barr virus. Robinson JE, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):339-50

Cellular targets of antilymphocyte antibodies in AIDS and LAS. Tomar RH, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):37-47

Regulation of IGE synthesis in man. Leung DY, et al. **Clin Immunol Rev** 1984;3(1):1-24 (89 ref.)

Immunologic abnormalities in the acquired immunodeficiency syndrome (AIDS). Fauci AS. **Clin Res** 1984 Dec;32(5):491-9

Cloned neoplastic B cells release a growth factor which augments lymphokine-mediated proliferation of normal B cells. Brooks KH, et al. **Curr Top Microbiol Immunol** 1984;113:69-71

Growth regulation of a B-cell lymphoma via the antigen receptor. DeFranco AL. **Curr Top Microbiol Immunol** 1984;113:92-5

Ly-1 as a differentiation antigen on normal and neoplastic B cells. Hardy RR, et al. **Curr Top Microbiol Immunol** 1984;113:231-6

Immune regulation of the c-myc oncogene in a murine B lymphoma. McCormack JE, et al. **Curr Top Microbiol Immunol** 1984;113:127-32

T cell factors regulating B cell activation and differentiation. Mayer LF, et al. **Curr Top Microbiol Immunol** 1984;113:77-85

Immuno affinity purified interleukin 2 (IL2) induces B cell growth. Mond JJ, et al. **Curr Top Microbiol Immunol** 1984;113:102-3

Characteristics of continuous in vitro lines of BALB/c and NZB B cells. Morse HC 3d, et al. **Curr Top Microbiol Immunol** 1984;113:210-6

Immunoglobulin heavy chain switching in cultured I.29 murine B lymphoma cells: commitment to an IgA or IgE switch. Stavnezer J, et al. **Curr Top Microbiol Immunol** 1984;113:109-16

The action of an Lyb2.1-specific monoclonal antibody in soluble or immobilized form on resting and activated B cells. Subbarao B, et al. **Curr Top Microbiol Immunol** 1984;113:72-6

Interleukin-2 receptors on activated malignant and normal B-cells. Waldmann TA, et al. **Curr Top Microbiol Immunol** 1984;113:96-101

A kinetic study of membrane immunoglobulin capping by flow cytometry. Cuchens MA, et al. **Cytometry** 1984 Nov;5(6):601-9

Impaired B lymphocyte function in immune disorders. An overview and presentation of five patients with hypogammaglobulinaemia. Tauris P, et al. **Dan Med Bull** 1984 Dec;31(6):475-82 (59 ref.)

Non-specific stimulation of human B lymphocytes by a Brucella fraction. Vendrell JP, et al. **Dev Biol Stand** 1984;56:221-6

Mammalian B lymphocyte precursors. Landreth KS, et al. **Dev Comp Immunol** 1984 Fall;8(4):773-90 (90 ref.)

Putative B lymphocyte lineage precursor cells in early murine embryos. Medlock ES, et al. **Dev Comp Immunol** 1984 Fall;8(4):887-94

Distribution and ontogeny of B cells in the garden lizard, Calotes versicolor. Natarajan K, et al. **Dev Comp Immunol** 1985 Spring;9(2):301-10

The immune response in individuals with HLA-DR specificities conferring susceptibility to insulin-dependent diabetes--a hypothesis. Papadopoulos G, et al. **Diabetes Res** 1984 May;1(1):3-11 (104 ref.)

Effects of human T-cell subpopulations on B-cell proliferation as determined by (3H)-thymidine incorporation. Kay NE, et al. **Diagn Immunol** 1983;1(1):11-6

B lymphocyte changes in homosexual men with generalized lymphadenopathy. Venkataraman M, et al. **Diagn Immunol** 1984;2(4):197-202

Mitogen-induced B-cell differentiation in Xenopus laevis. Schwager J, et al. **Differentiation** 1984;27(3):182-8

Endocytosis of the membrane immunoglobulins of mouse spleen B-cells: a quantitative study of its rate, amount and sensitivity to physiological, physical and cross-linking agents. Métézeau P, et al. **EMBO J** 1984 Oct;3(10):2235-42

Somatic mutation and clonal expansion of B cells in an antigen-driven immune response. Sablitzky F, et al. **EMBO J** 1985 Feb;4(2):345-50

Bone marrow pre-B lymphocytes synthesize immunoglobulin mu chains of membrane type with different properties and intracellular pathways. Thorens B, et al. **EMBO J** 1985 Feb;4(2):361-8

Melphalan treatment of human peripheral T cells promotes Ig production by B cells in vitro. Baral E, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):81-4

The role of B cell differentiation factors and specific T cell help in the pathogenesis of primary hypogammaglobulinemia. Brenner MK, et al. **Eur J Immunol** 1984 Nov;14(11):1021-7

Isotypically restricted activation of B lymphocytes by lactic dehydrogenase virus. Coutelier JP, et al. **Eur J Immunol** 1985 Mar;15(3):250-5

Expression of cell surface determinant(s) on murine myeloma stem cells and hematopoietic stem cells. Daley MJ, et al. **Eur J Immunol** 1984 Dec;14(12):1096-100

Very large and isotypically atypical polyclonal plaque-forming cell responses in mice infected with Trypanosoma cruzi. D'Imperio Lima MR, et al. **Eur J Immunol** 1985 Feb;15(2):201-3

The action of human C3 in soluble or cross-linked form with resting and activated murine B lymphocytes. Erdei A, et al. **Eur J Immunol** 1985 Feb;15(2):184-8

Polyclonal activation of the murine immune system by an antibody to IgD. VI. Influence of doses of goat anti-mouse delta chain and normal goat IgG on B lymphocyte proliferation and differentiation. Finkelman FD, et al. **Eur J Immunol** 1985 Apr;15(4):315-20

HLA class II restriction governing cell cooperation between antigen-specific helper T lymphocytes, B lymphocytes and monocytes for in vitro antibody production to influenza virus. Fischer A, et al. **Eur J Immunol** 1985 Jun;15(6):620-6

Enhancement of human B cell proliferation by an antibody to the C3d receptor, the gp 140 molecule. Frade R, et al. **Eur J Immunol** 1985 Jan;15(1):73–6

Helper T cell requirements for T15 idiotype expression on phosphorylcholine–specific antibodies. Hathcock KS, et al. **Eur J Immunol** 1985 Jun;15(6):564–9

B cell activation potential of insulin–reactive T cells in H–2b mice. Huber BT, et al. **Eur J Immunol** 1984 Dec; 14(12):1106–10

Chromosome mapping of cell membrane antigens expressed on activated B cells. Katz FE, et al. **Eur J Immunol** 1985 Jan;15(1):103–6

Changes in the protein pattern of murine B cells after mitogenic stimulation. Kettman J, et al. **Eur J Immunol** 1984 Sep;14(9):778–81

Segregation of reactivity to the mitogens lipopolysaccharide, lipoprotein and dextran sulfate in clones of the B cell lymphoma line WEHI 279.1. Kleine B, et al. **Eur J Immunol** 1985 Feb;15(2):207–9

Antigen–nonspecific T cell–derived factors in B cell activation: differences in the requirements for interleukin 2 in responses of unprimed and primed B cells. Kuhara T, et al. **Eur J Immunol** 1985 Aug;15(8):787–93

B cell activation and adjuvant activities of chemically synthesized analogues of the nonreducing sugar moiety of lipid A. Kumazawa Y, et al. **Eur J Immunol** 1985 Feb; 15(2):199–201

Suppression of polyclonal B cell activation by IgG–binding factors. Requirement for T cells. Lê thi Bich–Thuy, et al. **Eur J Immunol** 1985 Jan;15(1):96–9

Anti–IgM treatment influences immunoglobulin heavy and light chain mRNA levels in mitogen–stimulated B lymphocytes. Leanderson T, et al. **Eur J Immunol** 1985 Jun;15(6):641–3

Monoclonal antibodies specific for murine IgM. II. Activation of B lymphocytes by monoclonal antibodies specific for the four constant domains of IgM. Leptin M. **Eur J Immunol** 1985 Feb;15(2):131–7

Frequencies of phosphorylcholine–specific and T15–associated 10/13 idiotope–positive B cells within lipopolysaccharide–reactive B cells of adult BALB/c mice. Lévy M. **Eur J Immunol** 1984 Sep;14(9):864–8

Studies on antibody repertoire: ontogenic development of mitogen–reactive B cells producing phosphorylcholine–specific and/or T15–associated 10/13 idiotope–positive antibodies. Lévy M. **Eur J Immunol** 1984 Dec;14(12):1141–4

Regulation of Epstein–Barr virus infection by recombinant interferons. Selected sensitivity to interferon–gamma. Lotz M, et al. **Eur J Immunol** 1985 May;15(5):520–5

Induction of immunoglobulin synthesis by interleukin 2 is T4+/T8– cell dependent. A role for interleukin 2 in the pokeweed mitogen–driven system. Miedema F, et al. **Eur J Immunol** 1985 Feb;15(2):107–12

Frequent coexpression of cytolytic activity and lymphokine production among human T lymphocytes. Production of B cell growth factor and interleukin 2 by T8+ and T4+ cytolytic clones. Mingari MC, et al. **Eur J Immunol** 1984 Nov;14(11):1066–9

B cell growth factor activity of immunoaffinity–purified and recombinant human interleukin 2. Mingari MC, et al. **Eur J Immunol** 1985 Feb;15(2):193–6

Differentiation of murine B cell precursors in agar culture. Frequency, surface marker analysis and requirements for growth of clonable pre–B cells. Paige CJ, et al. **Eur J Immunol** 1984 Nov;14(11):979–87

Immunoglobulin–bearing stem cells for clones of B (bursa–derived) lymphocytes. Pink JR, et al. **Eur J Immunol** 1985 Jun;15(6):617–20

Mouse monoclonal antibodies against the idiotype of human B cell non–Hodgkin lymphomas: production, characterization and use to monitor the progress of disease. Rankin EM, et al. **Eur J Immunol** 1984 Dec;14(12):1119–26

Mitogenic capacity of oxidized human B cell lines. Ren EC, et al. **Eur J Immunol** 1984 Dec;14(12):1156–8

Genetic control of B cell function. III. IgVH–controlled polymorphism in the frequencies of B cells that recognize xenogeneic red blood cells. Saizawa KM, et al. **Eur J Immunol** 1985 Feb;15(2):124–31

Interleukin 2 induces T cell–dependent IgM production in human B cells. Sauerwein RW, et al. **Eur J Immunol** 1985 Jun;15(6):611–6

Biochemical characterization and purification of human B cell stimulatory factor (BSF). Schwarting R, et al. **Eur J Immunol** 1985 Jun;15(6):632–7

Partial biochemical characterization of IgG1–inducing factor. Sideras P, et al. **Eur J Immunol** 1985 Jun;15(6):593–8

Abrogation and reconstitution of nonresponsiveness: a correlation with high network connectivity. Singhai R, et al. **Eur J Immunol** 1985 May;15(5):526–9

Human clones with natural killer function can activate B cells and secrete B cell differentiation factors. Vyakarnam A, et al. **Eur J Immunol** 1985 Jun;15(6):606–10

The use of Epstein–Barr virus transformation for the production of human monoclonal antibodies. Roome AJ, et al. **Exp Biol** 1984;43(1):35–55 (164 ref.)

The characterisation of gliomas using human monoclonal antibodies. Minireview on cancer research. Sikora K. **Exp Cell Biol** 1984;52(3):189–95 (20 ref.)

Specificity of immunosuppression by human alveolar cells. McCombs CC, et al. **Exp Lung Res** 1984;7(3–4):211–22

Trypanosoma gambiense: immunosuppression and polyclonal B–cell activation in mice. Oka M, et al. **Exp Parasitol** 1984 Oct;58(2):209–14

The effect of mouse erythrocyte rosette forming lymphocytes on lymphokine production in T–cell cultures. Dobozy A, et al. **Experientia** 1984 Dec 15;40(12):1403–4

The signal for tolerance in B cells is not transmitted through antigen–specific immunoglobulin receptors. Aldo–Benson M. **Fed Proc** 1985 May;44(8):2493–6

Can resting B cells present antigen to T cells? Ashwell JD, et al. **Fed Proc** 1985 May;44(8):2475–9 (34 ref.)

Tolerance and B cell repertoire establishment. Klinman NR, et al. **Fed Proc** 1985 May;44(8):2488–92

Idiotype regulation: a model for B cell tolerance. Köhler H, et al. **Fed Proc** 1985 May;44(8):2480–2

Comparison of different markers on blood lymphocytes of chronic lymphocytic leukemia. Götze D, et al. **Folia Haematol (Leipz)** 1985;112(2):233–40

Role of germinal centers in the generation of B cell memory. Coico RF, et al. **Folia Microbiol (Praha)** 1985;30(3):196–202

Perspectives on the regulatory biology of the B lymphocyte. Nossal GJ. **Folia Microbiol (Praha)** 1985;30(3):191–5

Stimulation of human blood lymphocyte by different polyclonal B cell activators of bacterial and plant origin: production of IgM, IgG and IgA estimated by the ELISA method. Tlaskalová–Hogenová H, et al. **Folia Microbiol (Praha)** 1985;30(3):258–66

Effector cell analysis of tumor cell rejection in vivo in two syngeneic tumor systems exhibiting distinct in vitro cytotoxic mechanisms. Fukuzawa M, et al. **Gann** 1984 Oct; 75(10):912–9

Monoclonal antibody–defined B cell subsets in aging humans and Down's syndrome. Gupta S, et al. **Gerontology** 1984; 30(6):388–92

Abnormalities of B–cell activation and immunoregulation in patients with Crohn's disease. Sieber G, et al. **Gut** 1984 Nov;25(11):1255–61

IgG subclasses on the lymphocyte surface in chronic lymphocytic leukemia (CLL). Kimby E, et al. **Haematologica (Pavia)** 1985 Jan–Feb;70(1):75–7

Internal activity of the immune system and its physiologic significance. Coutinho A, et al. **Hamatol Bluttransfus** 1985; 29:477–80

Development of B cell subpopulations in humans and its relevance to malignancy. Janossy G, et al. **Hamatol Bluttransfus** 1985;29:461–70

Monoclonal antibodies and immunotoxins in bone marrow transplantation: purging marrow of ALL or GVHD cells with preservation of stem cells. Kersey JH, et al. **Hamatol Bluttransfus** 1985;29:34–8

In vitro response to HBsAg of peripheral blood lymphocytes from recipients of hepatitis B vaccine. Chang TW, et al. **Hepatology** 1984 Sep–Oct;4(5):824–9

A human B cell differentiation antigen selectively expressed on mature B cells identified by a monoclonal antibody (HB–2). Abo T, et al. **Hum Immunol** 1985 Aug;13(4):253–64

Homozygous deletions that simultaneously eliminate expressions of class I and class II antigens of EBV–transformed B–lymphoblastoid cells. I. Reduced proliferative responses of autologous and allogeneic T cells to mutant cells that have decreased expression of class II antigens. DeMars R, et al. **Hum Immunol** 1984 Oct; 11(2):77–97 (73 ref.)

Cellular distribution of a human I–A–like (DS/DC) antigen on normal and neoplastic lymphoid cells. Marti GE, et al. **Hum Immunol** 1985 Jan;12(1):23–35

HLA loss variants of a B27+ lymphoblastoid cell line: genetic and cellular characterization. Nicklas JA, et al. **Hum Immunol** 1984 Sep;11(1):19–30

The immunoarchitecture of cutaneous pseudolymphoma. Wirt DP, et al. **Hum Pathol** 1985 May;16(5):492–510

Lym 7.2: monoclonal antibody defining an alloantigen similar or identical to Ly 7.2. Lanier LL, et al. **Hybridoma** 1982; 1(3):227–41

A unique human B lymphocyte antigen defined by a monoclonal antibody. Meeker TC, et al. **Hybridoma** 1984 Winter;3(4):305–20

Recombinant human interleukin 2 acts as a B cell growth and differentiation promoting factor. Emmrich F, et al. **Immunobiology** 1985 Feb;169(1):97–102

Recombinant human interleukin 2 directly provides signals for the proliferation and functional maturation of murine B lymphocytes. Moll H, et al. **Immunobiology** 1985 May; 169(4):447–54

Major histocompatibility complex–restricted and unrestricted interactions in the T cell–dependent activation of hapten–binding B cells. Pillai PS, et al. **Immunobiology** 1984 May;166(4–5):345–59

Induction of 'allogeneic effect'–like reaction by syngeneic TNP–modified lymphoid cells. Ptak W, et al. **Immunobiology** 1984 May;166(4–5):368–81

Abnormalities of B–cell activation and immunoregulation in splenectomized patients. Sieber G, et al. **Immunobiology** 1985 Apr;169(3):263–71

Interspecies cross–reactivity of Class II antigen of MHC determined by syngeneic, allogeneic and xenogeneic B and T cells. Yano A, et al. **Immunobiology** 1984 Dec; 168(3–5):154–66

H–2 control of expression of an idiotype shared by normal B cells and a B–cell lymphoma. Bishop GA, et al. **Immunogenetics** 1985;21(4):355–66

Separation of four class II molecules from DR2 and DRw6 homozygous B lymphoid cell lines. Maeda H, et al. **Immunogenetics** 1984;20(6):639–47

Genes regulating HLA class I antigen expression in T–B lymphoblast hybrids. Salter RD, et al. **Immunogenetics** 1985;21(3):235–46

Refinement of HLA gene mapping with induced B–cell line mutants. Spring B, et al. **Immunogenetics** 1985;21(3):277–91

Genetic control of mitogen–induced B–cell hyperproliferation in SM/J mice. Stone R, et al. **Immunogenetics** 1985;22(1):69–75

Identification of two forms of the Ly–6.2 antigen showing differential expression. Sutton VR, et al. **Immunogenetics** 1985;21(6):539–47

Coexpression of multiple immunoglobulin isotypes on human B–lymphocytes. Hsu CC. **Immunol Commun** 1984; 13(5):403–18

Observation of the effect of substance P on human T and B lymphocyte proliferation. Zhu LP, et al. **Immunol Commun** 1984;13(5):457–64

Expression and modulation of common acute lymphoblastic leukaemia antigen by B prolymphocytic leukaemia cells. de Paoli P, et al. **Immunol Lett** 1985;9(5):263–6

Human B cell proliferation is stimulated by interleukin 2. Gearing A, et al. **Immunol Lett** 1985;9(2–3):105–8

Phenotype characteristics of human B cells studied by Epstein–Barr virus infection. III. In vitro modulation of C3 receptor expression on human lymphoid cells. Kudo T, et al. **Immunol Lett** 1984;8(6):349–53

Phenotype characteristics of human B cells studied by Epstein–Barr virus infection. II. C3 receptor switching during human B cell differentiation. Kudo T, et al. **Immunol Lett** 1984;8(6):343–8

Functional differences associated with quantitative distribution of membrane immunoglobulin, Fc receptors and Ia on mouse B cells. Andrew EM, et al. **Immunology** 1985 Feb;54(2):233–40

Inhibition of lymphocyte proliferation by free fatty acids. I. Differential effects on mouse B and T lymphocytes. Buttke TM. **Immunology** 1984 Oct;53(2):235–42

Suppression of follicular trapping of antigen–antibody complexes in mice treated with anti–IgM or anti–IgD antibodies from birth. Enriquez–Rincon F, et al. **Immunology** 1984 Dec;53(4):713–9

Human T–cell hybrids with HLA–restricted proliferative response to Epstein–Barr virus–infected B cells. Gallagher G, et al. **Immunology** 1984 Dec;53(4):611–21

Activation and proliferation signals in mouse B cells. IV. Concanavalin A stimulates B cells to leave G0, but not to proliferate. Hawrylowicz CM, et al. **Immunology** 1984 Dec;53(4):703–11

Activation and proliferation signals in mouse B cells. V. A comparison of the effects of intact (IgG) and F (ab')2 anti–mu or anti–delta antibodies. Klaus GG, et al. **Immunology** 1985 Apr;54(4):677–83

Activation and proliferation signals in mouse B cells. VI. Anti–Ig antibodies induce dose–dependent cell cycle progression in B cells. Klaus GG, et al. **Immunology** 1985 Jul;55(3):411–8

Activation and proliferation signals in mouse B cells. III. Intact (IGG) anti–immunoglobulin antibodies activate B cells but inhibit induction of DNA synthesis. Klaus GG, et al. **Immunology** 1984 Dec;53(4):693–701

Differentiation of B lymphocytes in sheep. I. Phenotypic analysis of ileal Peyer's patch cells and the demonstration of a precursor population for sIg+ cells in the ileal Peyer's patches. Miyasaka M, et al. **Immunology** 1984 Nov; 53(3):515–23

B–cell function in common variable immunodeficiency: suppression of in vitro anti–sheep erythrocytes antibody production by T cells and monocytes. Pollack S, et al. **Immunology** 1985 Jan;54(1):89–96

In vitro synthesis of IgE by human lymphocytes. I. The spontaneous secretion of IgE by B lymphocytes from allergic individuals: a model to investigate the regulation of human IgE synthesis. Sarfati M, et al. **Immunology** 1984 Oct;53(2):187–96

In vitro synthesis of IgE by human lymphocytes. III. IgE–potentiating activity of culture supernatants from Epstein–Barr virus (EBV) transformed B cells. Sarfati M, et al. **Immunology** 1984 Oct;53(2):207–14

In vitro synthesis of IgE by human lymphocytes. II. Enhancement of the spontaneous IgE synthesis by IgE–binding factors secreted by RPMI 8866 lymphoblastoid B cells. Sarfati M, et al. **Immunology** 1984 Oct;53(2):197–205

In vitro synthesis of IgE by human lymphocytes. IV. Suppression of the spontaneous IgE synthesis by IgE–binding factors secreted by tunicamycin–treated RPMI 8866 cells. Sarfati M, et al. **Immunology** 1984 Dec; 53(4):783–90

Antigenic relationship between the alpha–chain of C3, a leucocyte–surface antigen involved in the activation of phagocytic cells, and a 50,000 MW B–cell antigen. Schulz TF, et al. **Immunology** 1985 Apr;54(4):791–800

Soluble and immobilized anti–Ig antibodies in the regulation of LPS–induced lymphoblasts. Symons DB, et al. **Immunology** 1985 Jan;54(1):71–8

Regulation of immunoglobulin secretion by factor H of human complement. Tsokos GC, et al. **Immunology** 1985 Jul;55(3):419–26

Experimental malarial infection. II––Plasmodium berghei infection in normal and B–cell deficient mice. Padmavathi V, et al. **Indian J Malariol** 1984 Jun;21(1):37–44

Changes in concentration of lymphocytes subpopulations in Rhesus monkey during Plasmodium knowlesi infection and in drug-cured immune monkeys. Sharma P, et al. **Indian J Malariol** 1984 Jun;21(1):31-6

Effects of mycoplasma contamination on immunoglobulin biosynthesis by human B lymphoblastoid cell lines. Hendershot L, et al. **Infect Immun** 1985 Jul;49(1):36-9

Monocyte suppression of Fusobacterium nucleatum-induced human polyclonal B-lymphocyte activation. Mangan DF, et al. **Infect Immun** 1984 Nov;46(2):332-9

Isotype commitment of B cells and dissemination of the primed state after mucosal stimulation with Mycoplasma pulmonis. Rose FV, et al. **Infect Immun** 1985 Aug;49(2):428-34

Activation of rat B lymphocytes by Actinobacillus actinomycetemcomitans. Yoshie H, et al. **Infect Immun** 1985 Jan;47(1):264-70

Characterization of the low-affinity receptor for IgE on murine B cells by using membrane impermeant cross-linking reagents. Conrad DH, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):228-31

Living with lymphocytes. Paul WE. **Int Arch Allergy Appl Immunol** 1985;77(1-2):7-12

In vitro synthesis of human IgE: reappraisal of a 5-year study. Ricci M, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):32-7

A shared antigenic determinant between human B lymphocytes and carcinomas (BLCa). Chan KH, et al. **Int J Cancer** 1985 Sep 15;36(3):329-36

Distinctions between endemic and sporadic forms of Epstein-Barr virus-positive Burkitt's lymphoma. Rowe M, et al. **Int J Cancer** 1985 Apr 15;35(4):435-41

An in vivo model for the experimental selection and pharmacological study of drugs able to modulate polyclonal activation of B lymphocytes. Dueymes MR, et al. **Int J Immunopharmacol** 1984;6(6):637-42

Changes in T and B lymphocyte subpopulations before, during and after chemotherapy for malignant melanoma. Bernengo MG, et al. **Int J Tissue React** 1984;6(6):505-11

Blast transformation of mouse splenic B-lymphocytes with extracts of Mycoplasma hyorhinis. Butler GH, et al. **Isr J Med Sci** 1984 Sep;20(9):891-4

Lymphokine-like activity of a strain of Mycoplasma arginini. Ruuth E, et al. **Isr J Med Sci** 1984 Sep;20(9):886-90

HLA-D region antigen-associated invariant polypeptides as revealed by two-dimensional gel analysis. Glycosylation and structural inter-relationships. Rudd CE, et al. **J Biol Chem** 1985 Feb 10;260(3):1927-36

Three classes of signalling molecules on B-cell membranes. Corley RB, et al. **J Cell Biochem** 1985;27(1):1-12

Peripheral blood lymphocytes from normal individuals can be induced to secrete immunoglobulin G antibodies against self-antigen thyroglobulin in vitro. Tao TW, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):279-82

Regulation of human B-cell activation, proliferation, and differentiation by soluble factors. Muraguchi A, et al. **J Clin Immunol** 1984 Sep;4(5):337-47

Human B lymphoma cell line producing B cell growth factor. Ambrus JL Jr, et al. **J Clin Invest** 1985 Feb;75(2):732-9

Studies of the pathogenesis of angioimmunoblastic lymphadenopathy. Honda M, et al. **J Clin Invest** 1985 Jul;76(1):332-40

Polyclonal immunoglobulin secretion in patients with common variable immunodeficiency using monoclonal B cell differentiation factors. Mayer L, et al. **J Clin Invest** 1984 Dec;74(6):2115-20

Abnormal function of B lymphocytes from peripheral blood of multiple myeloma patients. Lack of correlation between the number of cells potentially able to secrete immunoglobulin M and serum immunoglobulin M levels. Pilarski LM, et al. **J Clin Invest** 1985 Jun;75(6):2024-9

Severe deficiency of B lymphocytes in peripheral blood from multiple myeloma patients. Pilarski LM, et al. **J Clin Invest** 1984 Oct;74(4):1301-6

Regulatory functions of T- and accessory-cells for hepatitis B surface antigen induced specific antibody production and proliferation of human peripheral blood lymphocytes, in vitro. Hellström U, et al. **J Clin Lab Immunol** 1985 Apr;16(4):173-81

The role of peripheral blood T and B lymphocytes in mitogen responses during human pregnancy. Hirahara F, et al. **J Clin Lab Immunol** 1985 Apr;16(4):191-5

Analysis of the relationship between T cell subsets and in vitro B cell responses in multiple myeloma. Levinson AI, et al. **J Clin Lab Immunol** 1985 Jan;16(1):23-6

B-cell markers in malignant B-cell lymphoma with scleroderma-like manifestation. Van Joost T, et al. **J Cutan Pathol** 1984 Dec;11(6):495-500

T cell regulation of B cell activation. Lyt-1+,2-T cells modify the MHC-restricted function of heterogeneous and cloned T suppressor cells. Asano Y, et al. **J Exp Med** 1985 Aug 1;162(2):413-26

Polymorphism of Fc receptor on murine B cells is Igh-linked. Baum CM, et al. **J Exp Med** 1985 Jul 1;162(1):282-96 (68 ref.)

Obligatory role of gamma interferon in T cell-replacing factor-dependent, antigen-specific murine B cell responses. Brunswick M, et al. **J Exp Med** 1985 May 1;161(5):953-71

A subset of Ly-1 inducer T cell clones activates B cell proliferation but directly inhibits subsequent IgG secretion. Friedman S, et al. **J Exp Med** 1985 Apr 1;161(4):785-804

Progenitors for Ly-1 B cells are distinct from progenitors for other B cells. Hayakawa K, et al. **J Exp Med** 1985 Jun 1;161(6):1554-68

Detection and functional studies of p60-65 (Tac antigen) on activated human B cells. Jung LK, et al. **J Exp Med** 1984 Nov 1;160(5):1597-602

Selective inhibition of growth factor-dependent human B cell proliferation by monoclonal antibody AB1 to an antigen expressed by activated B cells. Jung LK, et al. **J Exp Med** 1984 Dec 1;160(6):1919-24

Interleukin 2-induced proliferation of leukemic human B cells. Lantz O, et al. **J Exp Med** 1985 May 1;161(5):1225-30

Clonal analysis of B cells induced to secrete IgG by T cell-derived lymphokine(s). Layton JE, et al. **J Exp Med** 1984 Dec 1;160(6):1850-63

Human J chain gene. Structure and expression in B lymphoid cells. Max EE, et al. **J Exp Med** 1985 Apr 1;161(4):832-49

Ig RNA expression in normal B cells stimulated with anti-IgM antibody and T cell-derived growth and differentiation factors. Nakanishi K, et al. **J Exp Med** 1984 Dec 1;160(6):1736-51

High incidence of B cell lymphomas derived from thymectomized AKR mice expressing TL.4 antigen. Peled A, et al. **J Exp Med** 1985 Sep 1;162(3):1081-6

Cellular basis for neonatally induced T-suppressor activity. Primary B cell maturation is blocked by suppressor-helper interactions restricted by loci on chromosome 12. Raychaudhuri S, et al. **J Exp Med** 1985 Apr 1;161(4):816-31

Antigen presentation by hapten-specific B lymphocytes. I. Role of surface immunoglobulin receptors. Rock KL, et al. **J Exp Med** 1984 Oct 1;160(4):1102-13

Prolonged survival in vivo of unprimed B cells responsive to a T-independent antigen. Ron Y, et al. **J Exp Med** 1985 Jun 1;161(6):1581-6

T cell development in B cell-deficient mice. II. Serological characterization of suppressor T cell factors (TsF1) produced in normal mice and in mice treated chronically with rabbit anti-mouse IgM antibodies. Sy MS, et al. **J Exp Med** 1985 Jun 1;161(6):1402-13

Syngeneic antiidiotypic immune responses to a B cell lymphoma. Comparison between heavy chain hypervariable region peptides and intact Ig as immunogens. Thielemans K, et al. **J Exp Med** 1985 Jul 1;162(1):19-34 (40 ref.)

Early events in Epstein-Barr virus infection provide a model for B cell activation. Thorley-Lawson DA, et al. **J Exp Med** 1985 Jul 1;162(1):45-59

Human T cell leukemia/lymphoma virus I infection and subsequent cloning of normal human B cells. Direct responsiveness of cloned cells to recombinant interleukin 2 by differentiation in the absence of enhanced proliferation. Tomita S, et al. **J Exp Med** 1985 Jul 1;162(1):393-8

Major histocompatibility complex-restricted, polyclonal B cell responses resulting from helper T cell recognition of antiimmunoglobulin presented by small B lymphocytes. Tony HP, et al. **J Exp Med** 1985 Jan 1;161(1):223-41

Differential requirements of B cells from normal and allergic subjects for the induction of IgE synthesis by an alloreactive T cell clone. Umetsu DT, et al. **J Exp Med** 1985 Jul 1;162(1):202-14

Activated B cells express receptors for, and proliferate in response to, pure interleukin 2. Zubler RH, et al. **J Exp Med** 1984 Oct 1;160(4).1170-83

Marginal zone macrophages in the mouse spleen identified by a monoclonal antibody. Anatomical correlation with a B cell subpopulation. van Vliet E, et al. **J Histochem Cytochem** 1985 Jan;33(1):40-4

A possible explanation for the synergism between mixed T- and B- cell populations in mice adoptively immunized with Ancylostoma caninum. Kolhe N, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):479-84

Ir gene control of T and B cell responses to determinants in (Glu Lys Ala) terpolymers. Babu UM, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):251-4

Three monoclonal antibodies specific for human class II antigens detect RT1B-linked polymorphisms in rat B cells. Ogasawara K, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):255-8

Restricted expression of LW antigen on subsets of human B and T lymphocytes. Oliveira OL, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):297-303

Antigen presentation by hapten-specific B lymphocytes. II. Specificity and properties of antigen-presenting B lymphocytes, and function of immunoglobulin receptors. Abbas AK, et al. **J Immunol** 1985 Sep;135(3):1661-7

A monoclonal antibody (AE3.d3) with mitogenic properties for murine B cells. Allouche M, et al. **J Immunol** 1984 Nov;133(5):2301-7

Interleukin 2 acts directly on a Tac-positive cloned B cell line established from a patient with adult T cell leukemia. Arima N, et al. **J Immunol** 1985 Oct;135(4):2474-7

Human B lymphoblastoid cell lines provide an interleukin 1-like signal for mitogen-treated T lymphocytes via direct cell contact. Arnold A, et al. **J Immunol** 1985 Jun;134(6):3876-81

Lyb-5+ B cells can be activated by major histocompatibility complex-restricted as well as unrestricted activation pathways. Asano Y, et al. **J Immunol** 1985 Jun;134(6):3682-5

T cell regulation of B cell activation. An antigen-mediated tripartite interaction of Ts cells, Th cells, and B cells is required for suppression. Asano Y, et al. **J Immunol** 1984 Dec;133(6):2864-7

The decline in murine splenic PHA and LPS responsiveness with age is primarily due to an intrinsic mechanism. Averill LE, et al. **J Immunol** 1985 Jun;134(6):3859-63

Proliferation of human malignant lymphocytes induced by anti-IgM independent of B cell growth factor. Baeker TR, et al. **J Immunol** 1985 May;134(5):3532-8

DNA-mediated transfer of major histocompatibility class II I-Ab and I-Abm12 genes into B lymphoma cells: molecular and functional analysis of introduced antigens. Ben-Nun A, et al. **J Immunol** 1985 Aug;135(2):1456-64

Control of B cell proliferation: inhibition of responses to B cell mitogens induced by plasma cell tumors. Berman JE, et al. **J Immunol** 1985 May;134(5):2872-8

Pregnancy-associated growth factor. II. A T-dependent polyclonal activator of human adult peripheral blood lymphocytes (PBL). Carlino JA, et al. **J Immunol** 1985 Mar;134(3):1702-8

Effects of tobacco glycoprotein (TGP) on the immune system. I. TGP is a T-independent B cell mitogen for murine lymphoid cells. Choy JW, et al. **J Immunol** 1985 May;134(5):3193-8

Antigen presentation by EBV-B cells to resting and activated T cells: role of interleukin 1. Chu ET, et al. **J Immunol** 1985 Mar;134(3):1676-81

B cell activation. VIII. Membrane immunoglobulins transduce signals via activation of phosphatidylinositol hydrolysis. Coggeshall KM, et al. **J Immunol** 1984 Dec;133(6):3382-6

B cell activation. VI. Effects of exogenous diglyceride and modulators of phospholipid metabolism suggest a central role for diacylglycerol generation in transmembrane signaling by mIg. Coggeshall KM, et al. **J Immunol** 1985 Jan;134(1):101-7

Tolerance to azobenzenearsonate: idiotype-specific suppression, B cell dominance, and clonal elimination. Collins ET, et al. **J Immunol** 1985 Aug;135(2):886-91

B cells in patients with X-linked agammaglobulinemia. Conley ME. **J Immunol** 1985 May;134(5):3070-4

Mechanism of priming of human neutrophils by a soluble lymphoblastoid cell factor. Cross AS, et al. **J Immunol** 1985 Sep;135(3):2074-83

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al. **J Immunol** 1985 May;134(5):3089-93

Separate control of B lymphocyte early activation and proliferation in response to anti-IgM antibodies. DeFranco AL, et al. **J Immunol** 1985 Jul;135(1):87-94

B cell activation: role of dendritic and T cell factors in the response to thymic-independent and -dependent antigens. DeKruyff R, et al. **J Immunol** 1985 May;134(5):2860-6

Monoclonal helper T cells induce B cell responses to T-independent antigens: antigen-specific T cells are directly stimulated by activated B cells in the absence of antigen. DeKruyff RH, et al. **J Immunol** 1985 Jan;134(1):86-90

B lymphocyte regulation of the immune system. I. In vivo biologic activity of the novel lymphokine, B cell-derived enhancing factor (BEF). del Guercio P, et al. **J Immunol** 1985 Feb;134(2):996-1002

Successful generation of cytotoxic T lymphocytes specific for self immunoglobulin-determinants on B lymphocytes. Dohi Y, et al. **J Immunol** 1985 Jul;135(1):47-52

Functional properties of two human B cell growth factor species separated by lectin affinity column. Dugas B, et al. **J Immunol** 1985 Jul;135(1):333-8

Ability of chicken B cells from different compartments to respond to TNP-Ficoll. Edelman AS, et al. **J Immunol** 1985 May;134(5):2879-83

Expression of Lyb-5 and Mls determinants by Peyer's patch B lymphocytes of X-linked immunodeficient mice. Eldridge JH, et al. **J Immunol** 1984 Nov;133(5):2308-11

Immunoregulation in the rat: cellular and molecular requirements for B cell responses to types 1, 2, and T-dependent antigens. Eldridge JH, et al. **J Immunol** 1985 Apr;134(4):2236-46

Influence of genotypes at a non-MHC B lymphocyte alloantigen locus (Bu-1) on expression of Ia (B-L) antigen on chicken bursal lymphocytes. Fredericksen TL, et al. **J Immunol** 1985 Feb;134(2):754-6

B5, a new B cell-restricted activation antigen. Freedman AS, et al. **J Immunol** 1985 Apr;134(4):2228-35

Presentation of antigen by B cells: functional dependence on radiation dose, interleukins, cellular activation, and differential glycosylation. Frohman M, et al. **J Immunol** 1985 Apr;134(4):2269-75

The generation of monoclonal anti-idiotype antibodies to human B cell-derived leukemias and lymphomas. Giardina SL, et al. **J Immunol** 1985 Jul;135(1):653-8

cAMP is an essential signal in the induction of antibody production by B cells but inhibits helper function of T cells. Gilbert KM, et al. **J Immunol** 1985 Sep;135(3):2084-9

Cloned allospecific human helper T cell lines induce an MHC-restricted proliferative response by resting B cells. Goldberg D, et al. **J Immunol** 1985 Aug;135(2):1012-9

Newborn and Wiskott-Aldrich patient B cells can be activated by TNP-Brucella abortus: evidence that TNP-Brucella abortus behaves as a T-independent type 1 antigen in humans. Golding B, et al. **J Immunol** 1984 Dec;133(6):2966-71

Mechanism of 8-mercaptoguanosine-mediated adjuvanticity:

roles of clonal expansion and cellular recruitment. Goodman MG, et al. **J Immunol** 1984 Dec;133(6):2910–4

Dissociation of inductive from differentiative signals transmitted by C8–substituted guanine ribonucleosides to B cells from SJL mice. Goodman MG, et al. **J Immunol** 1985 Jan;134(1):91–4

Lipopolysaccharide receptors on lymphocytes. I. Lack of immunologic recognition of a putative LPS receptor on LPS–responder lymphocytes by LPS–nonresponder mice. Goodman SA, et al. **J Immunol** 1985 Sep;135(3):1906–10

Differential requirements for the production by a T helper clone of the lymphokines involved in the induction of polyclonal proliferation and differentiation of unstimulated B lymphocytes. Gougeon ML, et al. **J Immunol** 1985 Sep;135(3):1878–83

BCGFII activity on activated B cells of a purified murine T cell–replacing factor (TRF) from a T cell hybridoma (B151K12). Harada N, et al. **J Immunol** 1985 Jun;134(6):3944–51

Mechanism controlling the genetic restrictions of an NP–specific suppressor factor that inhibits B cell responses. Hausman PB, et al. **J Immunol** 1985 Aug;135(2):915–21

An in vitro system for the generation of suppressor cells and the requirement for B cells in their induction. Hausman PB, et al. **J Immunol** 1985 Mar;134(3):1388–96

Regulation of antibody responses by rheumatoid factor. I. Polyclonal activation of human B cells by rheumatoid factor–containing preparations from seropositive plasma. Hobbs MV, et al. **J Immunol** 1985 Jan;134(1):223–9

IL 1 requirement for B cell activation revealed by use of adult serum. Hoffmann MK, et al. **J Immunol** 1984 Nov;133(5):2566–8

Distribution of cells bearing the Tac antigen during ontogeny of human lymphoid tissue. Hofman FM, et al. **J Immunol** 1985 Jun;134(6):3751–5

Orderly expression of B cell antigens during the in vitro differentiation of nonmalignant human pre–B cells. Hokland P, et al. **J Immunol** 1985 Sep;135(3):1746–51

Frequency analysis of functional immunoglobulin C– and V–gene expression by mitogen–reactive B cells in germfree mice fed chemically defined ultra–filtered 'antigen–free' diet. Hooijkaas H, et al. **J Immunol** 1985 Apr;134(4):2223–7

Physiology of IgD. V. Enhancement of antibody responses in vivo by allo anti–IgD is due primarily to an indirect effect on B cells. Jacobson EB, et al. **J Immunol** 1985 Oct;135(4):2293–8

The roles of T cell factors in activation, cell cycle progression, and differentiation of human B cells. Jelinek DF, et al. **J Immunol** 1985 Mar;134(3):1690–701

Humoral factors in very young NZB mice that enhance the maturation of normal B cell precursors. Partial purification and characterization. Jyonouchi H, et al. **J Immunol** 1985 Sep;135(3):1891–9

In vitro maturation of B cells in chronic lymphocytic leukemia. I. Synergistic action of phorbol ester and interleukin 2 in the induction of Tac antigen expression and interleukin 2 responsiveness in leukemic B cells. Kabelitz D, et al. **J Immunol** 1985 Oct;135(4):2876–81

Identification and characterization of a B cell growth inhibitory factor (BIF) on BCGF–dependent B cell proliferation. Kawano M, et al. **J Immunol** 1985 Jan;134(1):375–81

Functional recognition of bacterial mitogens by B lymphoma cells: reactivity of WEHI 279.1 to lipopolysaccharide and selection of nonreactive variants. Kleine B, et al. **J Immunol** 1985 Oct;135(4):2541–5

Development and distribution of B lineage cells in the domestic cat: analysis with monoclonal antibodies to cat mu–, gamma–, kappa–, and lambda–chains and heterologous anti–alpha antibodies. Klotz FW, et al. **J Immunol** 1985 Jan;134(1):95–100

Regulation of the growth of Epstein–Barr virus–infected B cells. I. Growth regression by E rosetting cells from VCA–positive donors is a combined effect of autologous mixed leukocyte reaction and activation of T8+ memory cells. Konttinen YT, et al. **J Immunol** 1985 Apr;134(4):2287–93

The murine lymphocyte receptor for IgE. III. Use of chemical cross–linking reagents to further characterize the B lymphocyte Fc epsilon receptor. Lee WT, et al. **J Immunol** 1985 Jan;134(1):518–25

The role of complement receptor positive and complement receptor negative B cells in the primary and secondary immune response to thymus independent type 2 and thymus dependent antigens. Lindsten T, et al. **J Immunol** 1985 May;134(5):2853–9

Lymphoma models for B cell activation and tolerance. I. Conditions for the anti–mu–dependent stimulation of growth in NBL, a nude B cell lymphoma. Ling M, et al. **J Immunol** 1985 Mar;134(3):1449–54

B cell subsets in spleens of BALB/c mice: identification and isolation of MMTV–expressing and MMTV–responding subpopulations. Lopez DM, et al. **J Immunol** 1985 Jan;134(1):603–7

Characterization of murine T cell activation signals produced by B lymphoma cells. McKean DJ, et al. **J Immunol** 1985 Apr;134(4):2484–91

Analysis of a TH1––––TH2 helper cell circuit. McNamara M, et al. **J Immunol** 1985 Sep;135(3):1603–9

Activation of human B cells and inhibition of their terminal differentiation by monoclonal anti–mu antibodies. Maruyama S, et al. **J Immunol** 1985 Jul;135(1):192–9

Clonal analysis of B cell growth and differentiation activities induced from T lymphocytes upon triggering of T3–Ti and T11 pathways. Milanese C, et al. **J Immunol** 1985 Sep;135(3):1884–90

The induction of Leu–1 antigen expression in human malignant and normal B cells by phorbol myristic acetate (PMA). Miller RA, et al. **J Immunol** 1984 Dec;133(6):3408–14

Recombinant interferon–gamma inhibits the B cell proliferative response stimulated by soluble but not by Sepharose–bound anti–immunoglobulin antibody. Mond JJ, et al. **J Immunol** 1985 Oct;135(4):2513–7

Accessory cells in immune suppression. II. Evidence for presentation of idiotype–specific suppressor factors to B cell targets by I–A+ accessory cells. Moser G, et al. **J Immunol** 1985 May;134(5):2867–71

Effect of recombinant IL 2 and gamma–IFN on proliferation and differentiation of human B cells. Nakagawa T, et al. **J Immunol** 1985 Feb;134(2):959–66

Stimulation of in vitro immunoglobulin production by interferon–alpha. Neubauer RH, et al. **J Immunol** 1985 Jan;134(1):299–304

Subclass specificity of Fc gamma receptor–mediated inhibition of mouse B cell activation. Phillips NE, et al. **J Immunol** 1985 May;134(5):2835–8

A 'lymphokine–like' soluble product that induces proliferation and maturation of B cells appears in the serum–free supernatant of a T cell hybridoma as a consequence of mycoplasmal contamination. Proust JJ, et al. **J Immunol** 1985 Jan;134(1):390–6

Circulating monoclonal IgM proteins in B cell chronic lymphocytic leukemia: their identification, characterization and relationship to membrane IgM. Qian GX, et al. **J Immunol** 1984 Dec;133(6):3396–400

Splenic B cells from CBA/N mice acquire responsiveness to anti–immunoglobulin after a brief treatment with pronase. Ramanadham M, et al. **J Immunol** 1985 Jan;134(1):4–6

Human immune responses to synthetic peptides from the Epstein–Barr nuclear antigen. Rhodes G, et al. **J Immunol** 1985 Jan;134(1):211–6

Pokeweed mitogen–induced immunoglobulin secretion by peripheral blood lymphocytes from patients with primary intracranial tumors. Characterization of T helper and B cell function. Roszman TL, et al. **J Immunol** 1985 Mar;134(3):1545–50

Anti–immunoglobulin in combination with cytochalasin stimulates proliferation of murine B lymphocytes. Rothstein TL. **J Immunol** 1985 Jul;135(1):106–10

Influenza viruses as lymphocyte mitogens. I. B cell mitogenesis by influenza A viruses of the H2 and H6 subtypes is controlled by the I–E/C subregion of the major histocompatibility complex. Scalzo AA, et al. **J Immunol** 1985 Feb;134(2):757–60

Cell receptors for the mammalian reovirus. IV. Reovirus–specific cytolytic T cell lines that have idiotypic receptors recognize anti–idiotypic B cell hybridomas. Sharpe AH, et al. **J Immunol** 1985 Apr;134(4):2702–6

A serum–derived molecule from autoimmune viable motheaten mice potentiates the action of a B cell maturation factor. Sidman CL, et al. **J Immunol** 1985 Aug;135(2):870–2

The role of intercellular contacts in the activation of B lymphocytes by anti–immunoglobulin antibodies. Spieker–Polet H, et al. **J Immunol** 1985 May;134(5):2827–34

Human B cell responsiveness to B cell growth factor after activation by phorbol ester and monoclonal anti–mu antibody. Suzuki T, et al. **J Immunol** 1985 Apr;134(4):2470–6

Differential Ia antigen expression by autologous human erythroid and B lymphoblastoid cell lines. Symington FW, et al. **J Immunol** 1985 Aug;135(2):1026–32

Role of N–acetyl–D–galactosamine residue on B151K12–derived T cell–replacing factor (B151–TRF) molecule in B cell–receptor binding and –stimulating activity. Takahama Y, et al. **J Immunol** 1985 Oct;135(4):2534–40

Human lymphocyte differentiation antigens HB–10 and HB–11. II. Differential production of B cell growth and differentiation factors by distinct helper T cell subpopulations. Tedder TF, et al. **J Immunol** 1985 May;134(5):2989–94

The B cell surface molecule B1 is functionally linked with B cell activation and differentiation. Tedder TF, et al. **J Immunol** 1985 Aug;135(2):973–9

Evaluation of lymphocyte differentiation in primary and secondary immunodeficiency diseases. Tedder TF, et al. **J Immunol** 1985 Sep;135(3):1786–91

Demonstration of the involvement of interleukin 2 in the differentiation of Staphylococcus aureus Cowan I–stimulated B cells. Teranishi T, et al. **J Immunol** 1984 Dec;133(6):3062–7

T cell–derived B cell growth factor(s) can induce stimulation of both resting and activated B cells. Thompson CB, et al. **J Immunol** 1985 Jan;134(1):369–74

Regulation of human B cell proliferation by prostaglandin E2. Thompson PA, et al. **J Immunol** 1984 Nov;133(5):2446–53

BLAST–2 [EBVCS], an early cell surface marker of human B cell activation, is superinduced by Epstein Barr virus. Thorley–Lawson DA, et al. **J Immunol** 1985 May;134(5):3007–12

Analysis of the negative allogeneic effect using B cells and helper T cell lines as an indicator system: B cells identified as target cells for suppression. Vöhringer V, et al. **J Immunol** 1985 Apr;134(4):2090–9

sIgD– and sIgD+ B cells responding to thymus–independent antigens have a different lymphokine requirement. Waldschmidt TJ, et al. **J Immunol** 1985 Aug;135(2):865–7

The use of haptenated–immunoglobulin molecules to induce tolerance in B cells from neonatal mice. Waldschmidt TJ, et al. **J Immunol** 1985 Mar;134(3):1436–41

Evidence for two distinct activation states available to B lymphocytes. Wetzel GD, et al. **J Immunol** 1984 Nov;133(5):2327–32

Differential abilities of human peripheral blood monocytes quantitatively or qualitatively differing in HLA–DR and HLA–DS expression to support B cell activation in liquid and semisolid cultures. Whisler RL, et al. **J Immunol** 1985 Jul;135(1):172–9

LPS regulation of the immune response: separate mechanisms for murine B cell activation by lipid A (direct) and polysaccharide (macrophage–dependent) derived from Bacteroides LPS. Williamson SI, et al. **J Immunol** 1984 Nov;133(5):2294–300

Molecular associations of class II MHC antigens in mitogen–stimulated B cells. Wolfert RL, et al. **J Immunol** 1985 Sep;135(3):1668–73

Regulation of immune responses via genetically–restricted cellular interactions. I. Augmentation of antibody responses by idiotype–specific enhancing B lymphocytes. Yamamoto H, et al. **J Immunol** 1984 Dec;133(6):2882–7

B cell repertoire diversity to PR8 influenza virus does not decrease with age. Zharhary D, et al. **J Immunol** 1984 Nov;133(5):2285–7

A method of purifying sheep sIg+ lymphocytes as a tool for class II MHC antigen analysis. Chasset P, et al. **J Immunol Methods** 1985 Feb 28;77(1):37–43

The demonstration of cell surface antigens on T cells, B cells and accessory cells in paraffin–embedded human tissues. Collings LA, et al. **J Immunol Methods** 1984 Dec 31;75(2):227–39

Cloning of mitogen– and antigen–reactive B lymphocytes on filter paper discs. I. A description of the technique and of methods for the analysis of colonies. Kelsoe G. **J Immunol Methods** 1985 Feb 11;76(2):345–63

Variants of lymphoid lines produced with ricin A–chain monoclonal antibody conjugates. Lowe JA, et al. **J Immunol Methods** 1985 Jan 21;76(1):93–104

Comparison of T and B cell analyses on fresh and aged blood. Nicholson JK, et al. **J Immunol Methods** 1984 Oct 12;73(1):29–40

Lymphocyte bacterial rosette test: methodological details and effect of metabolic inhibitors and divalent cations. Räsänen L, et al. **J Immunol Methods** 1984 Dec 31;75(2):361–8

Infectious mononucleosis: a polyclonal B cell transformation in vivo. Brown N, et al. **J Infect Dis** 1984 Oct;150(4):517–22

Isotype profiles of anti–influenza antibodies in mice bearing the xid defect. Reale MA, et al. **J Virol** 1985 Feb;53(2):425–9

Evaluation of methods for chemically coupling foot–and–mouth disease virus to sheep red blood cells for immunological assays. Varelas–Wesley I, et al. **J Virol Methods** 1985 Jun;11(2):105–17

Suppression of B–lymphocyte function by T–lymphocytes in patients with advanced lung cancer. Venkataraman M, et al. **JNCI** 1985 Jan;74(1):37–41

Immunohistochemical analysis of human lymphomas with monoclonal antibodies to B cell and Ia antigens reactive in paraffin sections. Marder RJ, et al. **Lab Invest** 1985 May;52(5):497–504

Hodgkin–cell leukaemia of B–cell origin. Linch DC, et al. **Lancet** 1985 Jan 12;1(8420):78–80

Surface antigen expression by a human B–lymphoblastoid cell line treated with 'differentiation' inducers, dimethysulfoxide and tetradecanoylphorbol acetate. Ashman LK, et al. **Leuk Res** 1985;9(1):157–65

Variations in antigen expression during the cell cycle of a human B–lymphoblastoid cell line. Gesche AH, et al. **Leuk Res** 1985;9(1):147–56

A comparison of membrane marker phenotypes in hairy–cell leukemia and phorbol–ester induced B–cll cells using monoclonal antibodies. Herrmann F, et al. **Leuk Res** 1985;9(5):529–36

Stimulated lymphoid cells of B lineage, but not plasma or myeloid cells, can express E receptor. Mills KH, et al. **Leuk Res** 1985;9(3):375–80

B cell–specific immunoregulatory factors: development of bioassays for growth and differentiation–promoting activities. Altman A. **Lymphokine Res** 1982;1(3):69–72

Interleukins for B lymphocytes. Howard M, et al. **Lymphokine Res** 1982;1(1):1–4

A subclone of the CEM cell line produces human B cell growth factor activity. Ligler FS. **Lymphokine Res** 1984 Summer;3(4):183–91

Characterization of B–cell growth factor. Maizel AL, et al. **Lymphokine Res** 1982;1(1):9–14

Erythrophagocytic acute lymphocytic leukemia with B–cell markers and with a 20q– chromosome abnormality. Colon–Otero G, et al. **Mayo Clin Proc** 1984 Oct;59(10):678–82

Suicide of lymphoid cells. Basten A, et al. **Methods Enzymol** 1984;108:254–61

Direct and mixed antiglobulin rosetting reaction. Haegert DG. **Methods Enzymol** 1984;108:386–93

Isotype specificity and heterogeneity of Fc gamma-receptors on guinea pig splenic B and T lymphocytes. Yamashita T, et al. **Microbiol Immunol** 1984;28(10):1137-48

Molecular basis of heavy-chain class switching and switch region deletion in an Abelson virus-transformed cell line. DePinho R, et al. **Mol Cell Biol** 1984 Dec;4(12):2905-10

Shared determinants of native and denatured bovine serum albumin are recognized by both B- and T-cells. Apple R, et al. **Mol Immunol** 1984 Oct;21(10):901-5

Analysis of structural differences between Ly-5 molecules of T- and B-cells. Ewald SJ, et al. **Mol Immunol** 1985 May;22(5):581-8

Hybridoma 2.4G2: dissociation of the B-lymphocyte-triggering activity from the monoclonal anti-Fc IgG receptor antibody. Lamers MC, et al. **Mol Immunol** 1984 Dec;21(12):1237-42

A glycoprotein of molecular weight 85,000 on human cells of B-lineage: detection with a family of monoclonal antibodies. Letarte M, et al. **Mol Immunol** 1985 Feb;22(2):113-24

Effects of phosphorylcholine-lipopolysaccharide conjugates on the induction of anti-idiotype-mediated B-cell tolerance. Massey PB, et al. **Mol Immunol** 1985 Jun;22(6):655-61

Emergence of idiotype variants during treatment of B-cell lymphoma with anti-idiotype antibodies. Meeker T, et al. **N Engl J Med** 1985 Jun 27;312(26):1658-65

Spontaneous alteration of idiotype in a monoclonal B-cell lymphoma. Escape from detection by anti-idiotype. Raffeld M, et al. **N Engl J Med** 1985 Jun 27;312(26):1653-8

Natural killer cells inhibit outgrowth of autologous Epstein-Barr virus-infected B lymphocytes. Kaplan J, et al. **Nat Immun Cell Growth Regul** 1985;4(1):40-7

Immunological help at last [news] Howard JC. **Nature** 1985 Apr 11-17;314(6011):494-5

Human B-cell cytotoxic lymphokine priority [letter] Karpas A. **Nature** 1985 Feb 21-27;313(6004):636

Antigen-specific interaction between T and B cells. Lanzavecchia A. **Nature** 1985 Apr 11-17;314(6011):537-9

Human interleukin-2 promotes proliferation of activated B cells via surface receptors similar to those of activated T cells. Mingari MC, et al. **Nature** 1984 Dec 13-19;312(5995):641-3

A uniform deleting element mediates the loss of kappa genes in human B cells. Siminovitch KA, et al. **Nature** 1985 Jul 18-24;316(6025):260-2

T-cell control of Epstein-Barr virus-infected B cells is lost during P. falciparum malaria. Whittle HC, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):449-50

Preferential utilization of the most JH-proximal VH gene segments in pre-B-cell lines. Yancopoulos GD, et al. **Nature** 1984 Oct 25-31;311(5988):727-33

Fc receptor-dependent immune-regulation: immunological roles of immune suppressive lymphokines (suppressive B cell factor), produced by Fc receptor-stimulated murine and human B cells. Masuda T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1623-31

Inference of cellular origin and differentiation stage of B-cell malignancies using multiple immunological markers. Mi[illegible]o K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1567-78

Immunopathology of Schistosoma japonicum and S. mansoni infection in B cell depleted mice. Cheever AW, et al. **Parasite Immunol** 1985 Jul;7(4):399-413

Immunoelectronmicroscopic profile of intracytoplasmic immunoglobulins in B non Hodgkin's malignant lymphomas. Comparison with the normal pattern of B lymphoid cells. Reynes M, et al. **Pathol Res Pract** 1984 Jul;178(6):570-8

Immunoglobulin JH, C mu, and C gamma gene rearrangements in human B lymphocytes clonally transformed by Epstein-Barr virus. Brown NA, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):556-60

Anti-immunoglobulin augments the B-cell antigen-presentation function independently of internalization of receptor-antigen complex. Casten LA, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5890-4

Role of the Bp35 cell surface polypeptide in human B-cell activation. Clark EA, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1766-70

Identification of a unique B-cell-stimulating factor produced by a cloned dendritic cell. Clayberger C, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):183-7

Two separate functions of class II (Ia) molecules: T-cell stimulation and B-cell excitation. Corley RB, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):516-20

Purification to homogeneity and characterization of human B-cell differentiation factor (BCDF or BSFp-2). Hirano T, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5490-4

B cells that simultaneously express surface IgM and IgE in Nippostrongylus brasiliensis-infected SJA/9 mice do not provide evidence for isotype switching without gene deletion. Katona IM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):511-5

Long-term cultured B lymphocytes and their precursors reconstitute the B-lymphocyte lineage in vivo. Kurland JI, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7554-8

Antigen-specific helper T-cell clone supernatant is sufficient to induce both polyclonal proliferation and differentiation of small resting B lymphocytes. Leclercq L, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6491-5

Inducible transcription of the unrearranged kappa constant region locus is a common feature of pre-B cells and does not require DNA or protein synthesis. Nelson KJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5305-9

Increased expression of Ia antigens on resting B cells: an additional role for B-cell growth factor. Noelle R, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6149-53

B-cell growth factor (B-cell growth factor I or B-cell-stimulating factor, provisional 1) is a differentiation factor for resting B cells and may not induce cell growth. Oliver K, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2465-7

Antibodies of the secondary response can be expressed without switch recombination in normal mouse B cells. Perlmutter AP, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7189-93

A high-efficiency cloning system for single hapten-specific B lymphocytes that is suitable for assay of putative growth and differentiation factors. Pike BL, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3395-9

Human interleukin 2 can promote the growth and differentiation of single hapten-specific B cells in the presence of specific antigen. Pike BL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7917-21

B-cell stimulatory factor 1 activates resting B cells. Rabin EM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2935-9

Evidence for an intracellular precursor for human B-cell growth factor. Sahasrabuddhe CG, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7902-6

Novel B-cell maturation factor from spontaneously autoimmune viable motheaten mice. Sidman CL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7199-202

Retrovirus-induced expression of interleukin 2 receptors on cells of human B-cell lineage. Sugamura K, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7441-5

Immunoglobulin gene rearrangements and deletions in human Epstein-Barr virus-transformed cell lines producing different IgG and IgA subclasses. Webb CF, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5495-9

Demonstration of T-cell-dependent and T-cell-independent components of 8-mercaptoguanosine-mediated adjuvanticity. Goodman MG. **Proc Soc Exp Biol Med** 1985 Sep;179(4):479-86

Queuosine metabolism: possible relation to B-cell activation by C8 derivatives of guanosine. Katze JR. **Proc Soc Exp Biol Med** 1985 Sep;179(4):492-6

Modulation of IgE isotype expression on B lymphocytes in Peyer's patches of germfree rats. Durkin HG, et al. **Prog Clin Biol Res** 1985;181:387-90

Isotype expression and specificity repertoire of lipopolysaccharide-reactive B cells in germfree mice fed chemically defined ultrafiltered 'antigen-free' diet. Hooijkaas H, et al. **Prog Clin Biol Res** 1985;181:359-62

Positive selection by 'panning' of B lymphocytes using unfractionated anti-immunoglobulin antiserum. Rojo JM. **Rev Esp Fisiol** 1984 Dec;40(4):463-7

CALLA-positive bone marrow B lymphocytes in cytomegalovirus-infectious mononucleosis (case report). Ruiz-Argüelles GJ, et al. **Rev Invest Clin** 1985 Apr-Jun;37(2):135-7

2-Mercaptoethanol-dependent lipopolysaocharide-responsive B cells in nylon-wool-fractionated spleen cell preparations. Eastman AY, et al. **Scand J Immunol** 1985 Jan;21(1):35-41

Abnormal production of and response to B-cell growth factor and B-cell differentiation factor in patients with systemic lupus erythematosus. Hirose T, et al. **Scand J Immunol** 1985 Feb;21(2):141-50

Hapten-specific unresponsiveness in mice. III. Study of the B-cell functions of tolerant mice. Huchet R, et al. **Scand J Immunol** 1985 Apr;21(4):337-43

Polyclonal activation of B cells during rubella infection. Hyypiä T, et al. **Scand J Immunol** 1985 Jun;21(6):615-7

Characterization of activities inducing polyclonal maturation of activated B lymphocytes to immunoglobulin secretion. Leanderson T, et al. **Scand J Immunol** 1985 Apr;21(4):297-304

Induction of immunoglobulin secretion by protein A from Staphylococcus aureus in human blood and bone marrow B cells. Ringdén O. **Scand J Immunol** 1985 Jul;22(1):17-26

Characterization of two murine monoclonal antibodies reactive with human B cells. Their use in a high-yield, high-purity method for isolation of B cells and utilization of such cells in an assay for B-cell stimulating factor. Smeland E, et al. **Scand J Immunol** 1985 Mar;21(3):205-14

Surface markers in chronic lymphoid leukemias of B cell type. Caligaris-Cappio F, et al. **Semin Hematol** 1985 Jan;22(1):1-12 (83 ref.)

Circulating and bone marrow immunoglobulin-secreting cells in patients with monoclonal gammopathies. A simple and reliable marker for a B-cell function. Dammacco F, et al. **Semin Hematol** 1985 Apr;22(2):115-20

Future directions in human immunobiology. Moretta L, et al. **Semin Hematol** 1985 Apr;22(2):121-2

Cellular origin of hairy cell leukemia: malignant B cells that express receptors for T cell growth factor. Korsmeyer SJ, et al. **Semin Oncol** 1984 Dec;11(4):394-400

Differentiation antigens associated with hairy cell leukemia. Posnett DN, et al. **Semin Oncol** 1984 Dec;11(4):413-5

Non T lymphoid cells can express T cell surface characteristics: normal, HCL, and a range of leukemic B cells express T cell antigens after appropriate in vitro stimulation. Worman CP, et al. **Semin Oncol** 1984 Dec;11(4):401-4

Lymphokines active in B cell proliferation and differentiation. Schimpl A. **Springer Semin Immunopathol** 1984;7(4):299-310

Recognition of an Igh-linked histocompatibility antigen, H-40, on B-cell tumors by cytotoxic T lymphocytes. Forman J, et al. **Surv Immunol Res** 1985;4(1):41-7

Cell-mediated cytotoxicity toward class I and class II antigens on canine T and B lymphoblasts. Buurman WA, et al. **Tissue Antigens** 1984 Jul;24(1):48-57

Immunochemical analysis of class II molecules expressed by a human B cell line with the unusual class II genotype, DR5+, MB1+, (MB3-), MT2+. Karr RW, et al. **Tissue Antigens** 1985 Mar;25(3):121-9

Discontinuous expression of a membrane antigen (HB-7) during B lymphocyte differentiation. Tedder TF, et al. **Tissue Antigens** 1984 Sep;24(3):140-9

Demonstration of HCG on the surface of maternal lymphocytes and discrimination of T and B cells by esterase cytochemistry. Yamauchi S, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):333-7

Identification, purification, and characterization of antigen-activated and antigen-specific human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1983;96:182-7

Multiple specificities of B lymphocyte-reactive antibodies and their significance in renal allograft survival. Rhodes CL, et al. **Transplant Proc** 1984 Dec;16(6):1425-6

Induction of immune alterations and successful renal transplantation with a simplified method of donor-specific blood transfusion. Cheigh JS, et al. **Transplantation** 1984 Nov;38(5):501-6

The early posttransplant prognosis of acute renal allograft rejection as determined by detection of cytotoxic antibodies to lymphoid B cell lines. Lordon RE, et al. **Transplantation** 1984 Nov;38(5):493-7

Failure of B-cold lymphocytotoxins to enhance cadaveric renal allograft survival. Mendez R, et al. **Transplantation** 1985 Sep;40(3):253-6

Pretransplant warm B cell antibodies in recipients of primary and retransplanted cadaver renal allografts. Posner MP, et al. **Transplantation** 1984 Dec;38(6):638-43

Monoclonal antibodies recognizing T-cells (Leu 1) and transferrin receptor (OKT 9) crossreact with malignant B-cells of distinct differentiation stages. Ludwig WD, et al. **Tumour Biol** 1984;5(6):321-6

Polyclonal activation of canine B lymphocytes evaluated by a protein A reverse hemolytic plaque assay. Felsburg PJ, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3-4):353-64

Monoclonal antibodies that distinguish bovine T and B lymphocytes. Lewin HA, et al. **Vet Immunol Immunopathol** 1985 May;9(1):87-102

The poised B cell: lymphokines induce an Ia-increase and antigen-presenting function in B cells. Tartakovsky B, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):145-52

[T and B lymphocytes in bone marrow suppression] Pecka M, et al. **Vnitr Lek** 1985 Jun;31(6):560-6 (Eng. Abstr.) **(Cze)**

[Lymphocyte differentiation] Toivanen P, et al. **Duodecim** 1985;101(3):334-40 **(Fin)**

[Polyclonal stimulation of resting B lymphocytes by the supernatant from the culture of antigen-specific helper T lymphocytes] Leclerq L, et al. **C R Acad Sci [III]** 1984;299(8):285-7 (Eng. Abstr.) **(Fre)**

[Primary structure of human class II histocompatibility antigens (HLA-D). II. Separation of alpha from beta-chains of HLA-D from a homozygous lymphoblastoid B cell line, H2LCL (HLA-A3,3;B7,7;Dw2,2;MT1,1;DC1,1;MB1,1), and characterization of the isolated chain] Egert G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov;365(11):1291-308 (Eng. Abstr.) **(Ger)**

[Primary structure of human class II histocompatibility antigens (HLA-D). I. Isolation, purification and characterization of the HLA-D alpha/beta chain complex from a homozygous lymphoblastoid B cell line, H2LCL (HLA-A3,3;B7,7;Dw2, 2;DR2,2;MT1,1;DC1,1;MB1,1] Thinnes FP, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov;365(11):1277-89 (Eng. Abstr.) **(Ger)**

[Studies on B cell activation in collagenoses] Becker H, et al. **Immun Infekt** 1985 Apr;13(2):78-9 (Eng. Abstr.) **(Ger)**

[T and B cell reactions in AIDS and AIDS risk groups] Kekow J, et al. **Immun Infekt** 1985 Feb;13(1):26-8 (Eng. Abstr.) **(Ger)**

[Protein-A plaque test and ELISA: comparison of the two methods for the analysis of B-cell function] Lüdemann J, et al. **Immun Infekt** 1985 Jul;13(4):139-46 (Eng. Abstr.) **(Ger)**

[Detection of T cell independent B cell maturation disorder in cocultivation studies in systemic lupus erythematosus] Schlegelberger T, et al. **Immun Infekt** 1985 Feb;13(1):31-2 (Eng. Abstr.) **(Ger)**

[Regulatory factors of the cellular immune reaction] Szperalski B, et al. **Immun Infekt** 1984 Jun;12(3):163-77 (135 ref.) (Eng. Abstr.) **(Ger)**

[Terminal B-cell maturation and immunoglobulin synthesis in vitro in primary and secondary immune deficiencies] von Bismarck U, et al. **Immun Infekt** 1984 Apr;12(2):75-87 (Eng. Abstr.) **(Ger)**

[Disorders of B cell activation in splenectomized patients] Sieber G, et al. **Langenbecks Arch Chir** 1984;363(2):93-101

(Eng. Abstr.) **(Ger)**

[Characterization of cell suspensions adhering to nylon obtained from mononuclear cells in toto or depleted of monocytes] Caruso C, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2317-23 (Eng. Abstr.) **(Ita)**

[Changes in the in vitro antibody formation in B lymphoproliferative diseases] Olgiati A, et al. **Minerva Med** 1985 Sep 15;76(34-35):1557-62 (Eng. Abstr.) **(Ita)**

[Severe combined immunodeficiency disease. II. Heterogeneity of B cell defects observed in patients with 'SCID having B cells'] Matsuoka H, et al. **Arerugi** 1985 Jan;34(1):1-5 (Eng. Abstr.) **(Jpn)**

[Suppression on normal human lymphocyte proliferation induced by Sepharose 4B binding staphylococcal protein A through addition of human IgG, heat-aggregated IgG, F(ab')2 gamma, Fab gamma and aggregated Fc gamma] Ohno I, et al. **Arerugi** 1984 Jul;33(7):411-7 (Eng. Abstr.) **(Jpn)**

[Studies of the mechanisms of human B cell activation. III. Development of an assay system for human B cell differentiation factors (BCDF) and identification of BCDF-producing T cell subsets] Suzuki N, et al. **Arerugi** 1984 Nov;33(11):963-9 (Eng. Abstr.) **(Jpn)**

[Surface marker studies on lymphoma and leukemia cells with microcytotoxicity test using the UCLA Monoclonal Antibody Tray 5] Toki H, et al. **Gan No Rinsho** 1985 Apr; 31(4):409-13 (Eng. Abstr.) **(Jpn)**

[A new B-cell alloantigen of the rat] Fujimoto Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):412-24 (Eng. Abstr.) **(Jpn)**

[Human B cell antigens and their implication in B cell tumors] Ishii Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):383-5 **(Jpn)**

[Immunosuppressive factors in sera from children with nephrotic syndrome. Their effects on B cell function] Nagai Y. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):43-56 (Eng. Abstr.) **(Jpn)**

[Establishment and characterization of a monoclonal antibody (NU-B1) reactive with human B-cell lineage] Matsuo Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1414-21 (Eng. Abstr.) **(Jpn)**

[Establishment and characterization of B cell line cells (Kei-4 and Kei-5) derived from a patient with adult T-cell leukemia] Yasuda K. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):784-93 (Eng. Abstr.) **(Jpn)**

[Study of activated lymphocytes in bronchoalveolar lavage fluid (BALF) from patients with various diffuse interstitial lung diseases] Fujimura N. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):552-61 (Eng. Abstr.) **(Jpn)**

[Symposium on mechanisms of host defense from fundamental and clinical medicine. 3. Regulation of B lymphocyte differentiation] Kishimoto T. **Nippon Naika Gakkai Zasshi** 1984 Dec;73(12):1752-5 (Eng. Abstr.) **(Jpn)**

[Determination of human B cell functions by Salmonella paratyphi B and its clinical significance] Funato T, et al. **Rinsho Byori** 1985 Jan;33(1):82-8 **(Jpn)**

[Studies on the B-cell activation system. VI. Effects of T cells on P cell activation by Staphylococcus aureus Cowan I] Funato T, et al. **Rinsho Byori** 1985 Feb;33(2):195-9 **(Jpn)**

[Studies on human B cell activation system. V. Effects of monocyte on Ig synthesis stimulated by PWM and SAC] Funato T, et al. **Rinsho Byori** 1984 May;32(5):549-54 **(Jpn)**

[Depression of immunoglobulin synthesis by human B cells associated with aging] Funato T, et al. **Rinsho Byori** 1984 Oct;32(10):1130-2 **(Jpn)**

[Determination of surface immunoglobulin-bearing cells using flow cytometry. (I)] Tazawa H, et al. **Rinsho Byori** 1985 Mar;33(3):289-92 **(Jpn)**

[Premalignant lesions of B cell malignancy--from polyclonal to monoclonal phases] Nakano M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):315-31 (192 ref.) **(Jpn)**

[Studies of the mechanisms of human B-cell activation. IV. Abnormalities at the B-cell level in patients with Behçet's disease] Suzuki N, et al. **Ryumachi** 1985 Apr;25(2):95-102 (Eng. Abstr.) **(Jpn)**

[Studies of the mechanisms of human B-cell activation. II. The role of resting B-cell abnormalities in the pathogenesis of systemic lupus erythematosus] Ueda Y, et al. **Ryumachi** 1985 Feb;25(1):8-14 (Eng. Abstr.) **(Jpn)**

[Immunological and cytochemical indicators in the leukocytes of elderly persons] Lisiewicz J, et al. **Folia Med Cracov** 1984;25(1-2):43-56 (Eng. Abstr.) **(Pol)**

[Various immunological phenomena in myasthenia gravis. Preliminary report] Płużańska A, et al. **Neurol Neurochir Pol** 1984 May-Jun;18(3):215-21 (Eng. Abstr.) **(Pol)**

[Functional relations between neurohormonal and immunological systems] Muranyi M. **Neuropatol Pol** 1985; 23(1):1-21 (86 ref.) (Eng. Abstr.) **(Pol)**

[Role of the immunologic response in the formation of the clinical picture of hepatitis B] Deroń Z. **Pol Tyg Lek** 1984 Aug 13;39(33):1107-10 (Eng. Abstr.) **(Pol)**

[Leukocytes and peripheral blood lymphocytes in children with recurrent respiratory tract infections] Jankowski A, et al. **Pol Tyg Lek** 1985 May 27;40(21):597-9 (Eng. Abstr.) **(Pol)**

[Cell membrane antigens in hairy cell leukemia] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1201-3 (Eng. Abstr.) **(Pol)**

[Specificity of the immunofluorescence method for the detection of native membrane immunoglobulins of B lymphocytes] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3; 39(36):1215-7 **(Pol)**

[The presence of CALLA (common acute lymphoblastic leukemia antigens) and B-cell differentiation antigens in lymphocytic lymphoma] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1197-9 (Eng. Abstr.) **(Pol)**

[Immunological characteristics of plasmacytic leukemia] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1205-7 (Eng. Abstr.) **(Pol)**

[Immunoglobulins, interferon and T- and B lymphocytes in patients with bronchial asthma vaccinated with Alavac, Vibrio cholerae vaccine and polyvaccine] Krasnowska M, et al. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):361-3 (Eng. Abstr.) **(Pol)**

[T and B lymphocytes in the blood of coal miners with anthracosilicosis] Sroczyński J, et al. **Pol Tyg Lek** 1984 May 14;39(20):665-8 (Eng. Abstr.) **(Pol)**

[Formation of immunoglobulins] Sikorska EJ. **Postepy Hig Med Dosw** 1984 Jul-Aug;38(4):427-49 (71 ref.) (Eng. Abstr.) **(Pol)**

[2 levels of regulation of the immunologic response] Strzadała L. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):601-13 (Eng. Abstr.) **(Pol)**

[State of cellular and humoral immunity in recurrent and chronic bronchopulmonary diseases in children before and after immunostimulation with levamisole] Błaszczyk E, et al. **Wiad Lek** 1985 Apr 1;38(7):495-9 (Eng. Abstr.) **(Pol)**

[Antigenic signal to immunocompetent cells] Marx A. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):1-12 (7 ref.) **(Rum)**

[Hormonal and immunological status of patients with hyperplastic processes in the endometrium] Minkina GN, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):24-6 (Eng. Abstr.) **(Rus)**

[Changes in the immunological indicators in the normal menstrual cycle] Mitrofanov NA, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):58-9 **(Rus)**

[T- and B-lymphocyte dynamics in patients following septic abortion] Repina MA, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):43-5 (Eng. Abstr.) **(Rus)**

[Prospects for the development of immunological studies with regard to hyperplastic processes in the reproductive system] Zaporozhan VN. **Akush Ginekol (Mosk)** 1984 Nov; (11):16-20 (Eng. Abstr.) **(Rus)**

[Changes in the number of E- and EAC-rosette-forming lymphocytes in the blood of patients after traumatic shock] Anan'eva SK. **Anesteziol Reanimatol** 1984 Nov-Dec; (6):25-8 (Eng. Abstr.) **(Rus)**

[A factor, circulating in the blood, capable of suppressing the immune response in terminal states of the body] Kheladze ZS. **Anesteziol Reanimatol** 1984 Nov-Dec; (6):42-5 (Eng. Abstr.) **(Rus)**

[Effect of anesthesia and surgery on the immune reactions of the body] Khudavertsev GG, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):21-3 (Eng. Abstr.) **(Rus)**

[Effect of polysaccharides isolated from marine invertebrates on various functions of T- and B lymphocytes] Zaporozhets TS, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):43-7 (Eng. Abstr.) **(Rus)**

[Interaction of the lymph node and splenic lymphocytes of mice in inactivation of allogeneic hematopoietic stem cells] Dozmorov IM, et al. **Biull Eksp Biol Med** 1985 May; 99(5):592-4 (Eng. Abstr.) **(Rus)**

[Lymphocyte differentiation in continuous culture: the induction of the switching of the synthesis of immunoglobulin classes in IgM+ variants of a human lymphoblastoid cell line] Seregina TM, et al. **Dokl Akad Nauk SSSR** 1984;277(4):1012-6 **(Rus)**

[Immunomodulating effect of cyclophosphamide in experimental chemotherapy of transplanted tumors] Kovbasiuk SA, et al. **Eksp Onkol** 1985;7(2):67-70 (Eng. Abstr.) **(Rus)**

[Subpopulations and physiological activity of human immunocompetent cells] Lebedev KA, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):317-26 (100 ref.) **(Rus)**

[HLA-DR typing of frozen B lymphocytes] Abramov VIu, et al. **Gematol Transfuziol** 1985 May;30(5):50-3 **(Rus)**

[Indicators of cellular immunity in donors of antistaphylococcal plasma] Konstantinov VN, et al. **Gematol Transfuziol** 1985 May;30(5):35-9 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the tuberculin sensitivity and T- and B-cell levels in the peripheral blood of workers in electromechanical engineering] Strelis AK, et al. **Gig Tr Prof Zabol** 1985 May;(5):48-9 **(Rus)**

[Immunological studies in the diagnosis of surgical infection and suppurative-resorptive fever] Novokreshchenov LB, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):92-5 (Eng. Abstr.) **(Rus)**

[Immune mechanisms in the development of venous insufficiency of the lower extremities] Zakharov SN, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):40-2 (Eng. Abstr.) **(Rus)**

[Changes in the immunological status related to operation and anesthesia in children] Mikhel'son VA, et al. **Klin Khir** 1985;(6):38-40 (Eng. Abstr.) **(Rus)**

[Immunologic reactions in patients with diffuse toxic goiter after mercasolyl treatment] Epishin AV. **Klin Med (Mosk)** 1984 Aug;62(8):90-3 **(Rus)**

[Prognostic significance of changes in T- and B-lymphocytes in patients with peptic ulcer hemorrhage after massive blood transfusion] Veksler KhM, et al. **Klin Med (Mosk)** 1984 Oct;62(10):65-8 (Eng. Abstr.) **(Rus)**

[Clinical evaluation of immunologic reactivity in young children with excessive weight during dispensarization] Kravets EB, et al. **Pediatriia** 1985 Feb;(2):18-20 (Eng. Abstr.) **(Rus)**

[Clinical significance of the indicators of cellular, humoral and local immunity in children with perinatal brain damage] Stratulat PM. **Pediatriia** 1984 Dec;(12):22-4 (Eng. Abstr.) **(Rus)**

[Cellular immunity in patients with diabetes mellitus complicated by diabetic retinopathies] Danilova AI, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):29-34 (Eng. Abstr.) **(Rus)**

[Value of immunological indicators in the diagnosis of tuberculosis and nonspecific lung diseases] Knoring BE, et al. **Probl Tuberk** 1985;(2):48-52 (Eng. Abstr.) **(Rus)**

[Bronchial pathology and the T- and B- systems of immunity in pulmonary tuberculosis patients of various age groups] Melkumov GA, et al. **Probl Tuberk** 1984 Sep;(9):38-42 (Eng. Abstr.) **(Rus)**

[Changes in the immunity indicators in patients with silicotuberculosis] Varzina NV, et al. **Probl Tuberk** 1984 Sep;(9):46-9 (Eng. Abstr.) **(Rus)**

[Effect of various methods of surgical treatment on clinico-immunological indicators in peptic ulcer patients] Pomelov VS, et al. **Sov Med** 1984;(7):11-7 (Eng. Abstr.) **(Rus)**

[Circulating T- and B-lymphocytes in patients with periodontal pathology] Ivaniushko TP, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):15-7 (Eng. Abstr.) **(Rus)**

[Immunologic phenotype of blast cells in the diagnosis of myeloblastic leukemias] Baryshnikov AIu, et al. **Ter Arkh** 1985;57(5):98-100 (Eng. Abstr.) **(Rus)**

[Analysis of immunocompetent cell subpopulations in chronic bronchitis patients during the use of different immunomodulating preparations] Karaulov AV, et al. **Ter Arkh** 1984;56(10):14-7 (Eng. Abstr.) **(Rus)**

[Various immunological indicators in patients with atopic dermatitis during reflexotherapy] Shinaev NN, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):39-42 (Eng. Abstr.) **(Rus)**

[In vitro system for determining the use of immunocorrective agents in patients with disseminated psoriasis] Vasil'eva LL, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):6-8 (Eng. Abstr.) **(Rus)**

[Indicators of T- and B systems of immunity in patients with acute cholecystitis during treatment] Bogdanov VI. **Vestn Khir** 1985 Feb;134(2):33-7 (Eng. Abstr.) **(Rus)**

[Effects of the methods of treatment of patients with chronic tonsillitis on the defense mechanisms and their immunostimulation] Popa VA, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):56-61 (Eng. Abstr.) **(Rus)**

[Effect of vitamin E on T and B lymphocyte numbers in the peripheral blood and various indicators of nonspecific immunity] Pletsityĭ KD, et al. **Vopr Pitan** 1984 Jul-Aug; (4):42-4 (Eng. Abstr.) **(Rus)**

[The B lymphocyte system in viral hepatitis] Bliuger AF, et al. **Vrach Delo** 1985 Apr;(4):108-10 (Eng. Abstr.) **(Rus)**

[State of the serotonin-monoamine oxidase-serotoninopexy system and its relation to immunological indicators in patients with pulmonary tuberculosis] Chernushenko EF, et al. **Vrach Delo** 1985 Apr;(4):66-9 (Eng. Abstr.) **(Rus)**

[Indicators of cellular and humoral immunity in patients with chronic diffuse liver disease] Karashurova LL, et al. **Vrach Delo** 1985 Jan;(1):25-8 (Eng. Abstr.) **(Rus)**

[Various indicators of cellular and humoral immunity in patients with myelocytic leukemia and subleukemia] Kravchenko NI, et al. **Vrach Delo** 1985 Feb;(2):80-3 (Eng. Abstr.) **(Rus)**

[Immunological reactivity in patients with chronic bronchitis] Parashchak AP, et al. **Vrach Delo** 1985 Mar;(3):5-7 (Eng. Abstr.) **(Rus)**

[Splenectomy and immunological indicators in patients with hematologic diseases] Terekhov NT, et al. **Vrach Delo** 1985 Mar;(3):49-52 (Eng. Abstr.) **(Rus)**

[Sensitivity of the process of the formation of antigen-induced B-suppressors to DNA synthesis inhibitors] Akramov AR, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):82-6 (Eng. Abstr.) **(Rus)**

[Regulating role of the B-lymphocytes in lymphocyte interaction with allogeneic hematopoietic stem cells] Dozmorov IM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):72-6 (Eng. Abstr.) **(Rus)**

[Immunologic abnormalities in amyotrophic lateral sclerosis] Khondkarian OA, et al. **Zh Nevropatol Psikhiatr** 1985; 85(2):195-8 (Eng. Abstr.) **(Rus)**

[Immunologic characteristics of the pathogenesis of herpes zoster] Seletskaia TA, et al. **Zh Nevropatol Psikhiatr** 1985; 85(2):180-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Intracellular Ca2+ buffering potentiates an 86Rb+ permeability response in human lymphocytes. Heikkilä R, et al. **Acta Physiol Scand** 1985 Jun;124(2):247–51

Factor determining the antigenic type of interferons produced in human lymphoblastoid cell lines. Matsuoka H, et al. **Biken J** 1984 Dec;27(4):153–9

Interleukin 2 (IL 2) and interferon–gamma production by T lymphocytes from patients with B–chronic lymphocytic leukemia: evidence that normally released IL 2 is absorbed by the neoplastic B cell population. Foa R, et al. **Blood** 1985 Sep;66(3):614–9

Common and pre–B acute lymphoblastic leukemia cells express interleukin 2 receptors, and interleukin 2 stimulates in vitro colony formation. Touw I, et al. **Blood** 1985 Sep;66(3):556–61

Prognostic value of B–cell mitogen–induced and spontaneous thymidine uptake in vitro in chronic B–lymphocytic leukaemia cells. Juliusson G, et al. **Br J Haematol** 1985 Jul;60(3):429–36

Diverse deoxyribonucleotide profiles in cultured human cells with differential sensitivity to thymidine. Leyva A, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):231–7

B lymphocyte receptors and polyphosphoinositide degradation. Bijsterbosch MK, et al. **Cell** 1985 Jul;41(3):999–1006

B–cell–derived interleukin 1 (IL–1)–like factor. I. Relationship of production of IL–1–like factor to accessory cell function of Epstein–Barr virus–transformed human B–lymphoblast lines. Matsushima K, et al. **Cell Immunol** 1985 Sep;94(2):406–17

B–cell–derived interleukin–1 (IL–1)–like factor. II. Sources, effects, and biochemical properties. Matsushima K, et al. **Cell Immunol** 1985 Sep;94(2):418–26

Lymphocyte function–associated antigens one (LFA–1) on B and on T lymphocytes bind a monoclonal antibody with different affinities. van Agthoven AJ, et al. **Cell Immunol** 1985 Mar;91(1):255–62

Differences in modifications of cytoplasmic free Ca2+ concentration and 86Rb+ influx in human neoplastic B cells by antibodies to mu– relative to delta–Ig heavy chains. Heikkilä R, et al. **Clin Exp Immunol** 1985 Mar;59(3):695–702

Immunoregulation of immunoglobulin production in normal infants and children. Nouri–Aria KT, et al. **Clin Exp Immunol** 1985 Mar;59(3):679–86

T–cell–replacing factor and its acceptor site on B cells: molecular properties and immunogenetic aspects. Hamaoka T. **Contemp Top Mol Immunol** 1985;10:231–61 (25 ref.)

Unusual RNA splicing generates a secreted form of HLA–A2 in a mutagenized B lymphoblastoid cell line. Krangel MS. **EMBO J** 1985 May;4(5):1205–10

T cell–replacing factor in specific antibody responses to influenza virus by human blood B cells. Callard RE, et al. **Eur J Immunol** 1985 Jan;15(1):52–9

Regulation of expression of immunoglobulins M and D in murine B cells. Yuan D, et al. **Fed Proc** 1985 Jul;44(10):2652–9

Defective generation of tetanus–specific antibody–producing B cells after in vivo immunization of Crohn's disease and ulcerative colitis patients. Stevens R, et al. **Gastroenterology** 1985 Jun;88(6):1860–6

Capacity of B–lymphocytic lines of diverse tumor origin to produce and respond to B–cell growth factors: a progression model for B–cell lymphomagenesis. Gordon J, et al. **Int J Cancer** 1985 Feb 15;35(2):251–6

Effect of dexamethasone on de novo IgE synthesis by human blood lymphocytes. Hemady Z, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):304–12

Lipopolysaccharide and phorbol esters induce differentiation but have opposite effects on phosphatidylinositol turnover and Ca2+ mobilization in 70Z/3 pre–B lymphocytes. Rosoff PM, et al. **J Biol Chem** 1985 Aug 5;260(16):9209–15

Immunoregulation by opioid peptides: I. Absence of classical opioid receptor on human mononuclear cells. Mendelsohn LG, et al. **J Clin Lab Immunol** 1985 Mar;16(3):125–9

Interleukin 2 receptors on human B cells. Implications for the role of interleukin 2 in human B cell function. Muraguchi A, et al. **J Exp Med** 1985 Jan 1;161(1):181–97

Expression of interleukin 2 receptors on activated human B cells. Waldmann TA, et al. **J Exp Med** 1984 Nov 1;160(5):1450–66

Analysis of cell surface light chain immunoglobulin expression by flow cytometry in normal controls: a new mathematical approach. Wong GY, et al. **J Histochem Cytochem** 1985 Feb;33(2):119–26

The human Ia–associated invariant chain is synthesized in Ia–negative B cell variants and is not expressed on the cell surface of both Ia–negative and Ia–positive parental cells. Accolla RS, et al. **J Immunol** 1985 May;134(5):3265–71

Antigen–induced acceleration of shedding and replacement of B cell antigen receptors requires mature T cells. Ashman RF, et al. **J Immunol** 1985 Jul;135(1):100–5

Structural and functional characterization of IL 2 receptors on activated human B cells. Boyd AW, et al. **J Immunol** 1985 Apr;134(4):2387–92

A B cell growth factor–like activity is secreted by cloned, neoplastic B cells. Brooks KH, et al. **J Immunol** 1984 Dec;133(6):3133–7

B lymphocyte regulation of the immune system. II. Inhibition of Fc receptor expression of lymphocytes by BEF, a lymphokine of B cell origin. del Guercio P, et al. **J Immunol** 1985 Jun;134(6):3926–33

Characterization of a T4+/Leu–8+ T cell clone that directly helps B cell Ig production by secreting B cell differentiation factor. Goldstein H, et al. **J Immunol** 1985 Jul;135(1):339–43

Increased phosphatidylinositol metabolism is an important but not an obligatory early event in B lymphocyte activation. Grupp SA, et al. **J Immunol** 1985 Jun;134(6):4087–94

Igh restriction of the anti–alpha (1–3) dextran response: polyclonal B cell activators induce the synthesis of anti–alpha (1–3) dextran antibodies in lymphocytes from Igha mice only. Juy D, et al. **J Immunol** 1985 Aug;135(2):1239–44

Effect of B cell differentiation factor (BCDF) on biosynthesis and secretion of immunoglobulin molecules in human B cell lines. Kikutani H, et al. **J Immunol** 1985 Feb;134(2):990–5

Induction of IgG secretion in a human B cell clone with recombinant IL 2. Kishi H, et al. **J Immunol** 1985 May;134(5):3104–7

Conditions required for expression of membrane IL 1 on B cells. Kurt–Jones EA, et al. **J Immunol** 1985 Sep;135(3):1548–50

Induction of interleukin 2 from a murine B cell tumor by a factor found in immune serum. Maino VC, et al. **J Immunol** 1985 Apr;134(4):2419–25

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. II. FcR epsilon+ B lymphocytes initiate a cascade of cellular and molecular interactions that control FcR epsilon expression and IgE production. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2829–36

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. IV. Delineation of target cells and mechanisms of action of SFA and EFA in inhibiting in vitro induction of FcR epsilon expression. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2845–51

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. I. A new class of molecules, termed IgE–induced regulants (EIR), which modulate FcR epsilon expression by lymphocytes. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2821–8

Production of interleukin 1 activity by normal human peripheral blood B lymphocytes. Matsushima K, et al. **J Immunol** 1985 Aug;135(2):1132–6

Activated human B cells display a functional IL 2 receptor. Mittler R, et al. **J Immunol** 1985 Apr;134(4):2393–9

Agar human T cell colony growth promoted by a B + null cell–derived lymphokine distinct from IL 2. Mossalayi MD, et al. **J Immunol** 1985 Apr;134(4):2400–4

Physicochemical and functional properties of murine B cell–derived B cell growth factor II (WEHI–231–BCGF–II). Nakajima K, et al. **J Immunol** 1985 Aug;135(2):1207–12

Effect of priming with antigen on the expression of C3 receptors on murine B cells and the responses to TI–2 antigens. Nariuchi H, et al. **J Immunol** 1985 Feb;134(2):748–53

The role of the transferrin receptor in human B lymphocyte activation. Neckers LM, et al. **J Immunol** 1984 Nov;133(5):2437–41

Fine specificity, structure, and proteolytic susceptibility of the human lymphocyte receptor for IgE. Peterson LH, et al. **J Immunol** 1985 Oct;135(4):2654–60

Lymphocytes capable of making monoclonal autoantibodies that react with multiple organs are a common feature of the normal B cell repertoire. Prabhakar BS, et al. **J Immunol** 1984 Dec;133(6):2815–7

Induction of high affinity IL 2 receptors on B cells responding to anti–Ig and T cell–derived helper factors. Prakash S, et al. **J Immunol** 1985 Jul;135(1):117–22

Stimulation of immunoglobulin secretion in human B lymphocytes as a direct effect of high concentrations of IL 2. Ralph P, et al. **J Immunol** 1984 Nov;133(5):2442–5

Pneumococcal polysaccharides induce antibody formation by human B lymphocytes in vitro. Rijkers GT, et al. **J Immunol** 1985 Jul;135(1):1–4

Prolactin receptors on human T and B lymphocytes: antagonism of prolactin binding by cyclosporine. Russell DH, et al. **J Immunol** 1985 May;134(5):3027–31

Cellular distribution of the Ia–associated chondroitin sulfate proteoglycan. Sant AJ, et al. **J Immunol** 1985 Jul;135(1):408–15

Phorbol esters specifically inhibit induction of immunoglobulin secretion in a murine B cell leukemia. Simpson LG, et al. **J Immunol** 1985 Apr;134(4):2759–66

The regulation of membrane–bound and secreted alpha–chain biosynthesis during the differentiation of the B cell lymphoma I.29. Sitia R, et al. **J Immunol** 1985 Oct;135(4):2859–64

Comparison of the expression of IL 2 receptors by human T and B cells: induction by the polyclonal mitogens, phorbol myristate acetate, and anti–mu antibody. Suzuki T, et al. **J Immunol** 1985 May;134(5):3111–9

Relationship between immunoglobulin production and immortalization by Epstein Barr virus. Tosato G, et al. **J Immunol** 1985 Aug;135(2):959–64

B cell lines as models for inherited phagocytic diseases: abnormal superoxide generation in chronic granulomatous disease and giant granules in Chediak–Higashi syndrome. Volkman DJ, et al. **J Immunol** 1984 Dec;133(6):3006–9

Immunostimulation by cytomegalovirus (CMV): helper T cell–dependent activation of immunoglobulin production in vitro by lymphocytes from CMV–immune donors. Yachie A, et al. **J Immunol** 1985 Aug;135(2):1395–400

Human peripheral blood mononuclear cells produce IgA anti–influenza virus antibody in a secondary in vitro antibody response. Yarchoan R, et al. **J Immunol** 1985 Aug;135(2):1033–9

A cholinergic receptor site on murine lymphocytes with novel binding characteristics. Atweh SF, et al. **Life Sci** 1984 Dec 10;35(24):2459–69

beta 2–Microglobulin secretion from lymphoid cells: a study at the cellular level. Hammarström L, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):59–66

Mitogen–induced phosphorylation of cytosolic proteins in rabbit T– and B–lymphocytes. Dasch JR, et al. **Mol Immunol** 1985 Apr;22(4):379–89

Similarities between interleukin–2 receptor number and affinity on activated B and T lymphocytes. Lowenthal JW, et al. **Nature** 1985 Jun 20–26;315(6021):669–72

gp140, the C3d receptor of human B lymphocytes, is also the Epstein–Barr virus receptor. Frade R, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1490–3

Metabolism and selectivity of arabinonucleoside in human lymphoid cells. Fridland A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):456–62

3H–thymidine uptake in B cell lymphomas––relationship to treatment response and survival. Kvaløy S, et al. **Scand J Haematol** 1985 May;34(5):429–35

Distribution of Ig classes and IgG subclasses among human B cells activated by Nocardia opaca–delipidated cell mitogen or by pokeweed mitogen. Bich–Thuy LT, et al. **Scand J Immunol** 1985 Jun;21(6):531–8

B lineage––specific interactions of an immunoglobulin enhancer with cellular factors in vivo. Ephrussi A, et al. **Science** 1985 Jan 11;227(4683):134–40

[Neutral glycosphingolipids of Fabry's disease lymphoblastoid lines established by Epstein–Barr virus transformation] Salvayre R, et al. **Eur J Biochem** 1985 Feb 15;147(1):77–82 (Eng. Abstr.) **(Fre)**

MICROBIOLOGY

Epstein–Barr virus infection and immunoregulation in man. Tosato G, et al. **Adv Immunol** 1985;37:99–149 (228 ref.)

Staphylococcus aureus–induced suppression of contact sensitivity in mice: suppressor cells elicited by polyclonal B–cell activation are regulated by idiotype––anti–idiotype interactions. Benedettini G, et al. **Cell Immunol** 1985 Jul;93(2):508–19

Distribution of immunoglobulin isotypes in the nonspecific B–cell response induced by infection with Plasmodium chabaudi adami and Plasmodium yoelii. Langhorne J, et al. **Cell Immunol** 1985 Jan;90(1):251–7

Immunoglobulin synthesis and gene rearrangements in lymphoid cells transformed by replication–competent Rauscher murine leukemia virus: transformation of B cells at various stages of differentiation. Balachandran R, et al. **EMBO J** 1984 Dec 20;3(13):3199–207

Establishment and characterization of adult T–cell leukemia virus–containing B–cell lines derived from peripheral blood of adult T–cell leukemia patients. Miyamoto K, et al. **Gann** 1984 Aug;75(8):655–9

Characterization of human B–cell lines harbouring both adult T–cell leukaemia (ATL) virus and Epstein–Barr virus derived from ATL patients. Koyanagi Y, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1781–9

Proliferation and differentiation requirements for the induction of two retroviral loci during B–cell activation. Stoye JP, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):109–20

Epstein–Barr virus–transformed lymphocytes produce monoclonal autoantibodies that react with antigens in multiple organs. Garzelli C, et al. **J Virol** 1984 Nov;52(2):722–5

Monkey B–lymphotropic papovavirus mutant capable of replicating in T–lymphoblastoid cells. Kanda T, et al. **J Virol** 1985 Jul;55(1):96–100

Herpesvirus sylvilagus infects both B and T lymphocytes in vivo. Kramp WJ, et al. **J Virol** 1985 Oct;56(1):60–5

Epstein–Barr virus transformation of human B lymphocytes despite inhibition of viral polymerase. Sixbey JW, et al. **J Virol** 1985 Jan;53(1):299–301

Productive HTLV–III infection of human B cell lines [letter] Tersmette M, et al. **Lancet** 1985 Apr 6;1(8432):815–6

Demonstration and characterization of virus released by murine B cell leukemia cells (BCL1). Morecki S, et al. **Leuk Res** 1984;8(5):821–32

The Abelson murine leukemia virus oncogene. Goff SP. **Proc Soc Exp Biol Med** 1985 Sep;179(4):403–12 (66 ref.)

Individual tumors of multifocal EB virus–induced malignant lymphomas in tamarins arise from different B–cell clones. Cleary ML, et al. **Science** 1985 May 10;228(4700):722–4

The role of calmodulin in the infection of human B lymphocytes by Epstein–Barr virus. Nemerow GR, et al. **Trans Assoc Am Physicians** 1984;97:232–41

Epstein–Barr virus, immunodeficiency, and B cell lymphoproliferation. Hanto DW, et al. **Transplantation** 1985 May;39(5):461–72 (166 ref.)

Nonpermissive infection of lymphoblastoid cells by vesicular stomatitis virus. I. Synthesis and function of the viral transcripts. Johnson GP, et al. **Virus Res** 1984;1(3):259–74

Expression and demethylation of germinally–transmitted BALB/c mouse mammary tumor virus DNA in Abelson MuLV B–lymphoid cell lines. Pauley RJ, et al. **Virus Res** 1984;1(5):381–400

Nonpermissive infection of lymphoblastoid cells by vesicular stomatitis virus. II. Effect on viral morphogenesis. Wethers JA, et al. **Virus Res** 1985 Jun;2(4):345–58

PATHOLOGY

Diffuse malignant lymphoma with cerebriform nuclei: A B–cell lymphoma studied with monoclonal antibodies. Burke JS, et al. **Am J Clin Pathol** 1985 Jun;83(6):753–9

Immunologic methods in cytology: definitive diagnosis of non–Hodgkin's lymphomas using immunologic markers for T– and B–cells. Martin SE, et al. **Am J Clin Pathol** 1984 Dec;82(6):666–73

Morphologic and immunologic evidence of composite B– and T–cell lymphomas. A report of three cases developing in follicular center cell lymphomas. York JC 2d, et al. **Am J Clin Pathol** 1985 Jul;84(1):35–43

B–cell lymphoma in two monogamous homosexual men. Levine AM, et al. **Arch Intern Med** 1985 Mar;145(3):479–81

Molecular basis of human B cell neoplasia. Croce CM, et al. **Blood** 1985 Jan;65(1):1–7 (37 ref.)

Prognostic information from cytogenetic analysis in chronic B–lymphocytic leukemia and leukemic immunocytoma. Juliusson G, et al. **Blood** 1985 Jan;65(1):134–41

Interleukin 2 stimulates chronic lymphocytic leukemia colony formation in vitro. Touw I, et al. **Blood** 1985 Jul; 66(1):237–40

Differentiation and cytokinetic analyses of normal and neoplastic lymphoid cells in B and T cell malignancies of childhood. Hirt A, et al. **Br J Haematol** 1984 Oct; 58(2):241–8

A distinctive cutaneous malignant neoplasm expressing the Langerhans cell phenotype. Synchronous occurrence with B–chronic lymphocytic leukemia. Bonetti F, et al. **Cancer** 1985 May 15;55(10):2417–25

Immunohistochemical demonstration of follicular dendritic cells in bone marrow involvement of B–cell chronic lymphocytic leukemia. Chilosi M, et al. **Cancer** 1985 Jul 15;56(2):328–32

B– and T–lymphocytes in Hodgkin's disease. An immunohistochemical study utilizing heterologous and monoclonal antibodies. Forni M, et al. **Cancer** 1985 Feb 15;55(4):728–37

Malignant large cell lymphoma of B–cell type with multilobated nuclei. Report of a case and review of the literature. Parfrey NA, et al. **Cancer** 1985 May 1; 55(9):1913–7

Morphologic, immunologic, enzymehistochemical and chromosomal analysis of a cell line derived from Hodgkin's disease. Evidence for a B–cell origin of Sternberg–Reed cells. Poppema S, et al. **Cancer** 1985 Feb 15;55(4):683–90

Maturation of chronic lymphocytic leukemia B cells: correlation between the capacity of responding to T–cell factors in vitro and the stage of maturation reached in vivo. Rubartelli A, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):296–303

A morphologic study of lymphadenosis benigna cutis. Geerts ML, et al. **Dermatologica** 1985;170(3):121–7

Neoplastic angioendotheliosis with B lymphocyte markers on neoplastic cells: a case report. Mori S, et al. **Gann** 1985 Mar;76(3):208–12

Multilobated B cell lymphomas. A study of 7 cases. Weiss RL, et al. **Hematol Oncol** 1985 Apr–Jun;3(2):79–86

Immunoblastic sarcoma of T– and B–cell types: morphologic description and comparison. Schneider DR, et al. **Hum Pathol** 1985 Sep;16(9):885–900

Characterization of a high–grade malignant murine B–cell lymphoma and a study of its dissemination pattern after intraperitoneal or intravenous inoculation. Molenaar WM, et al. **Invasion Metastasis** 1985;5(4):206–17

Pre–B cells in agammaglobulinemia: evidence for disease heterogeneity among affected boys. Landreth KS, et al. **J Clin Immunol** 1985 Mar;5(2):84–9

T cells and probably B cells arise from the malignant clone in chronic myelogenous leukemia. Fauser AA, et al. **J Clin Invest** 1985 Mar;75(3):1080–2

Different stages of B cell differentiation in non–T acute lymphoblastic leukemia. Foa R, et al. **J Clin Invest** 1984 Nov;74(5):1756–63

Morphological heterogeneity in childhood B cell acute lymphoblastic leukaemia. Al–Rubei K, et al. **J Clin Pathol** 1984 Dec;37(12):1348–52

Growth factor–mediated tumor cell proliferation in hairy cell leukemia. Ford RJ, et al. **J Exp Med** 1985 Sep 1; 162(3):1093–8

Frequent biclonality and Ig gene alterations among B cell lymphomas that show multiple histologic forms. Siegelman MH, et al. **J Exp Med** 1985 Apr 1;161(4):850–63

B lymphocyte production in the bone marrow of mice with X–linked immunodeficiency (xid). Reid GK, et al. **J Immunol** 1985 Oct;135(4):2299–302

Establishment and characterization of a B–cell line from a patient with acute lymphoblastic leukemia. Kottaridis S, et al. **Leuk Res** 1985;9(1):113–22

Circulating monoclonal B lymphocytes in non–Hodgkin's lymphoma. Smith BR, et al. **N Engl J Med** 1984 Dec 6; 311(23):1476–81

PHYSIOLOGY

Action of a phorbol ester on B–cells: potentiation of stimulant–induced electrical activity. Pace CS, et al. **Am J Physiol** 1985 May;248(5 Pt 1):C527–34

Defective B–lymphocyte function in homosexual men in relation to the acquired immunodeficiency syndrome. Pahwa SG, et al. **Ann Intern Med** 1984 Dec;101(6):757–63

B–cell abnormalities in multiple sclerosis. A hypothesis. Roos RP. **Arch Neurol** 1985 Jan;42(1):73–5

Glucocorticoid effects on membrane lipid mobility during differentiation of murine B lymphocytes. Keating KM, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):305–12

Binding of [3H]triamcinolone acetonide–receptor complexes to chromatin from the B–cell leukemia line, BCL1. Ruh MF, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):24–33

Abnormal adherence–related functions of neutrophils, monocytes, and Epstein–Barr virus–transformed B cells in a patient with C3bi receptor deficiency. Buescher ES, et al. **Blood** 1985 Jun;65(6):1382–90

Regulation of human peripheral blood BFU–E growth in vitro by leukaemic B–lymphocytes. Najman A, et al. **Br J Haematol** 1985 Aug;60(4):643–50

Lymphocyte and macrophage function. Crawford DH. **Br J Hosp Med** 1984 Sep;32(3):112, 114–8 (32 ref.)

Subpopulations of colony–forming B lymphocytes exhibit distinct in vitro growth characteristics. Peschel C, et al. **Cell Immunol** 1984 Oct 1;88(1):137–46

The selective localization of B lymphocytes in the spleen and the role of complement receptors. Kraal G, et al. **Eur J Immunol** 1985 Jul;15(7):681–6

Regulation of Thy–1 and Pgp–1 glycoproteins in hybrids between T–cell lymphomas and Abelson–leukemia–virus–induced lymphomas. Hyman R, et al. **Immunogenetics** 1984;20(6):677–91

Plaque–forming cell capability in the senescent. Tauris P, et al. **Immunol Lett** 1985;9(1):3–8

Subpopulations of mononuclear cells in ageing: expansion of the null cell compartment and decrease in the number of T and B cells in human blood. Ligthart GJ, et al. **Immunology** 1985 May;55(1):15–21

Characteristic biochemical differences in human T and B lymphocytes separated on nylon wool. Hrabák A, et al. **Int J Biochem** 1985;17(1):113–7

Transferrin receptor induction is required for human B–lymphocyte activation but not for immunoglobulin secretion. Neckers LM, et al. **J Cell Biochem** 1985; 27(4):377–89

Evidence for the involvement of B lymphoid cells in polycythemia vera and essential thrombocythemia. Raskind WH, et al. **J Clin Invest** 1985 Apr;75(4):1388–90

Regulation of human B lymphopoiesis: effect of a urinary activity associated with cyclic neutropenia. Landreth KS, et al. **J Immunol** 1985 Apr;134(4):2305–9

LFA–1 membrane molecule in the regulation of homotypic adhesions of human B lymphocytes. Mentzer SJ, et al. **J Immunol** 1985 Jul;135(1):9–11

Physiology of B cells in mice with X–linked immunodeficiency. I. Size, migratory properties, and turnover of the B cell pool. Sprent J, et al. **J Immunol** 1985 Mar;134(3):1442–8

The ontogeny and organization of the lymphoid system. Osmond DG. **J Invest Dermatol** 1985 Jul;85(1 Suppl):2s–9s

Currents carried by monovalent cations through calcium channels in mouse neoplastic B lymphocytes. Fukushima Y, et al. **J Physiol (Lond)** 1985 Jan;358:255–84

Regulation of B lymphocyte differentiation. Kishimoto T. **Jpn J Med** 1985 May;24(2):186–7

DNA rearrangements of immunoglobulin genes correlate with phenotypic markers in B–cell malignancies. Foroni L, et al. **Mol Biol Med** 1984 Feb;2(1):63–79

Expression of an X–linked gene family (XLR) in late–stage B cells and its alteration by the xid mutation. Cohen DI, et al. **Nature** 1985 Mar 28–Apr 3;314(6009):372–4

Development of B cells in human bone marrow. Yoshida Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec; 47(8):1557–66

Reactivation by a trans–acting factor of human major histocompatibility complex Ia gene expression in interspecies hybrids between an Ia–negative human B–cell variant and an Ia–positive mouse B–cell lymphoma. Accolla RS, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):5145–9

Immunoglobulin heavy chain toxicity in plasma cells is neutralized by fusion to pre–B cells. Haas IG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7185–8

Deletions of kappa chain constant region genes in mouse lambda chain–producing B cells involve intrachromosomal DNA recombinations similar to V–J joining. Moore MW, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6211–5

Enhancer–dependent expression of human kappa immunoglobulin genes introduced into mouse pre–B lymphocytes by electroporation. Potter H, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7161–5

The specific induction of myc protooncogene expression in normal human B cells is not a sufficient event for acquisition of competence to proliferate. Smeland E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6255–9

Deletion of a B–cell–specific enhancer affects transfected, but not endogenous, immunoglobulin heavy–chain gene expression. Zaller DM, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5088–92

Human B–cell precursor leukemias. Korsmeyer SJ, et al. **Surv Synth Pathol Res** 1984;3(6):510–9

[An extended concept of tonsillar involution: changes in lymphocyte maturation. Its demonstration by surface marker determination with monoclonal antibodies and rosette technics] Siegel G, et al. **Allerg Immunol (Leipz)** 1985;31(1):55–60 (Eng. Abstr.) (Ger)

[In vitro B lymphocyte colony formation in normal subjects and patients with rheumatoid arthritis] Ishiyama T, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1077–83 (Eng. Abstr.) (Jpn)

RADIATION EFFECTS

Long–term injury in B–lymphocyte precursor cells in repeatedly–irradiated mice. Hendry JH, et al. **Biomed Pharmacother** 1984;38(7):343–7

DNA supercoiled domains and radiosensitivity of subpopulations of human peripheral blood lymphocytes. van Rensburg EJ, et al. **Int J Radiat Biol** 1985 Jun; 47(6):673–9

Impaired B lymphocyte reactivity in patients after radiotherapy. Sieber G, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):777–82

Selective effect of irradiation on responses to thymus–independent antigen. Lee SK, et al. **J Immunol** 1985 Feb;134(2):761–4

Hypersensitivity to ionizing radiation in cultured cells from Down syndrome patients. Otsuka F, et al. **J Neurol Sci** 1985 May–Jun;69(1–2):103–12

A sensitive assay for detecting hypersensitivity to ionizing radiation in lymphoblastoid lines from patients with Duchenne muscular dystrophy and primary neuronal degenerations. Tarone RE, et al. **J Neurol Sci** 1984 Sep; 65(3):367–81

Effects of atomic bomb radiation on the differentiation of B lymphocytes and on the function of concanavalin A–induced suppressor T lymphocytes. Yamada Y, et al. **Radiat Res** 1985 Feb;101(2):351–5

SECRETION

Neuropathy and anti–myelin–associated glycoprotein IgM M proteins: T cell regulation of M protein secretion in vitro. Latov N, et al. **Ann Neurol** 1985 Aug;18(2):182–8

Release of platelet–activating factor (PAF)–like material from human lymphoid cell lines. Bussolino F, et al. **Exp Hematol** 1984 Oct;12(9):688–93

TRANSPLANTATION

Immunocompetence of chimeric rabbits. II. Persistence of memory and antigen–driven responses of donor cells. Adler FL, et al. **Transplantation** 1984 Oct;38(4):387–91

Immunocompetence of chimeric rabbits. I. Participation of donor–derived B lymphocytes in immunoglobulin, but not in antibody, synthesis. Adler LT, et al. **Transplantation** 1984 Oct;38(4):382–6

ULTRASTRUCTURE

Ultrastructure of the cell types of the anterior hypophysis in a lizard v. caudal gonadotrophs, melanotrophs, and other caudal cells; true follicles, syncytial areas, and possible evolution of the cell types. Del Conte E. **Acta Cient Venez** 1984;35(2):116–26

Different properties in lymphoblastoid cell lines from patients with Bloom syndrome. Hashimoto T, et al. **Basic Life Sci** 1984;29 Pt B:765–74

Human acute leukemia cell line with the t(4;11) chromosomal rearrangement exhibits B lineage and monocytic characteristics. Stong RC, et al. **Blood** 1985 Jan;65(1):21–31

Telomeric association of chromosomes in B–cell lymphoid leukemia. Fitzgerald PH, et al. **Hum Genet** 1984; 67(4):385–90

Neoplastic B cells with cerebriform nuclei in follicular lymphomas. Nathwani BN, et al. **Hum Pathol** 1985 Feb; 16(2):173–80

Anchorage and lymphocyte function: pattern of spreading distinguishes T– and B–cell chronic lymphocytic leukaemia. Sundqvist KG, et al. **Immunology** 1984 Dec; 53(4):635–42

Intracytoplasmic inclusions in B prolymphocytic leukaemia: ultrastructural, cytochemical, and immunological studies. Robinson DS, et al. **J Clin Pathol** 1985 Aug;38(8):897–903

Normal counterparts of hairy cells and B–prolymphocytes in the peripheral blood. An ultrastructural study with monoclonal antibodies and the immunogold method. Robinson DS, et al. **Leuk Res** 1985;9(3):335–48

Tissue distribution and ultrastructure of B lymphocytes reacting with the monoclonal antibody anti–Y29/55. Gudat FG, et al. **Virchows Arch [Cell Pathol]** 1985;48(4):341–50

[Right ventricular inflow tract obstruction in primary non–Hodgkin lymphoma of the heart] Wiegand V, et al. **Z Kardiol** 1985 Mar;74(3):194–6 (Eng. Abstr.) (Ger)

[Native membrane immunoglobulins and immunoglobulins bound to B lymphocyte membranes] Jarczok K, et al. **Pol Arch Med Wewn** 1984 Apr;71(4):257–62 (Pol)

[Comparative study of ultrastructure of E and EM–rosette–forming human lymphocytes] Gruzov MA, et al. **Vrach Delo** 1985 Jan;(1):92–5 (Eng. Abstr.) (Rus)

T LYMPHOCYTES

see related
LYMPHOCYTE COOPERATION

Human T–cell leukemia/lymphoma syndrome. Christian ES, et al. **Am Fam Physician** 1985 Jul;32(1):155–60

T–cell phenotypes in children with chronic idiopathic thrombocytopenic purpura [letter] Bertotto A, et al. **Am J Dis Child** 1984 Nov;138(11):1086

Chronic T-cell lymphocytosis with neutropenia. Its association with Epstein-Barr virus infection. Herrod HG, et al. **Am J Dis Child** 1985 Apr;139(4):405-7

Midfacial T cell lymphoma: characterization by monoclonal antibodies. Yamanaka N, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):207-11

Stimulation of bone marrow erythropoiesis by T lymphocytes of anaemic patients with rheumatoid arthritis. Prouse PJ, et al. **Ann Rheum Dis** 1985 Apr;44(4):220-3

Gold-induced bone marrow aplasia: successful treatment with antithymocyte globulin. McGirr EE, et al. **Aust NZ J Med** 1985 Apr;15(2):253-5

Adult T cell leukemia: a potential target for ricin A chain immunotoxins. Krönke M, et al. **Blood** 1985 Jun;65(6):1416-21

Effects of in vitro depletion of T cells in HLA-identical allogeneic marrow grafts. Martin PJ, et al. **Blood** 1985 Sep;66(3):664-72

Adult T-cell leukemia with an unusual phenotype, Leu-2a positive and Leu-3a negative. Amagasaki T, et al. **Blut** 1985 Apr;50(4):209-11

Preferential increase of a T-cell subset as a cause of lymphocytosis in children with whooping cough. De Martino M, et al. **Boll Ist Sieroter Milan** 1984;63(5):479-82

Establishment of T and B cell lines from patients with mycosis fungoides. Kaltoft K, et al. **Br J Dermatol** 1984 Sep;111(3):303-8

Cyclical neutropenia and T8 lymphocyte mediated stimulation of granulopoiesis. Smith JG, et al. **Br J Haematol** 1985 Jul;60(3):481-9

Variation in the clinical courses of adult T-cell leukemia. Kawano F, et al. **Cancer** 1985 Feb 15;55(4):851-6

Monoclonal gammopathies in adult T-cell leukemia. Matsuzaki H, et al. **Cancer** 1985 Sep 15;56(6):1380-3

Familial adult T-cell leukemia. Miyamoto Y, et al. **Cancer** 1985 Jan 1;55(1):181-5

A case of T-cell chronic lymphocytic leukemia with an unusual phenotype and central nervous system involvement. Oshimi K, et al. **Cancer** 1985 May 1;55(9):1937-42

Pulmonary complications in patients with adult T-cell leukemia. Yoshioka R, et al. **Cancer** 1985 May 15;55(10):2491-4

Peculiar cytogenetic finding in T-cell lymphoproliferative disorders [letter] Ríos González A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):185-6

Lymphomas of T-cell phenotype [editorial] Filippa DA. **Cancer Invest** 1984;2(5):427-8

Pathologic and clinical spectrum of post-thymic T-cell malignancies. Jaffe ES. **Cancer Invest** 1984;2(5):413-26 (78 ref.)

Alveolitis in an asymptomatic pigeon breeder [letter] Hoogsteden HC, et al. **Chest** 1985 Feb;87(2):272

Monitoring of T lymphocytes before and after surgical removal of hepatic tumors. Lee CS, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):177-82

A case of adult T-cell leukemia with metastatic calcification. Togawa T, et al. **Eur J Nucl Med** 1985;10(1-2):90-2

Comparison of three techniques for the ex vivo elimination of T cells from human bone marrow. Blazar BR, et al. **Exp Hematol** 1985 Feb;13(2):123-8

Increased T-lymphocyte numbers in chronic granulocytic leukemia before treatment. Dowding C, et al. **Exp Hematol** 1984 Nov;12(10):811-15

Peripheral blood T lymphocyte subsets in leprosy. Rea TH, et al. **Int J Lepr** 1984 Sep;52(3):311-7

Behçet's disease: clinical and immunological response to immunosuppressive therapy. A case report. Rimon D, et al. **Isr J Med Sci** 1985 Jan;21(1):57-61

Immunoperoxidase detection of T and B cells in blood compared with conventional methods. Hui PK, et al. **J Clin Pathol** 1984 Dec;37(12):1343-7

The interference of T cell activation by calcium channel blocking agents. Birx DL, et al. **J Immunol** 1984 Dec;133(6):2904-9

Repopulation of the mouse thymus after sublethal fission neutron irradiation. II. Sequential changes in the thymic microenvironment. Huiskamp R, et al. **J Immunol** 1985 Apr;134(4):2170-8

Thymic epithelium. I. Lymphoid-free organ cultures grafted in syngeneic intact mice. Jordan RK, et al. **J Immunol** 1985 Apr;134(4):2155-60

Production of B cell growth factor by a Leu-7+, OKM1+ non-T cell with the features of large granular lymphocytes (LGL). Pistoia V, et al. **J Immunol** 1985 May;134(5):3179-84

A procedure for the isolation of highly purified populations of B cells, T cells and monocytes from human peripheral and umbilical cord blood. Hoover ML, et al. **J Immunol Methods** 1985 Apr 8;78(1):71-85

Liquid nitrogen storage of cultured T lymphocytes. Mottram PL, et al. **J Immunol Methods** 1985 Apr 22;78(2):207-10

Reversal of T cell helper/suppressor ratios in intravenous drug abusers with nonopportunistic infections [letter] Hewlett D Jr, et al. **J Infect Dis** 1985 Apr;151(4):748-9

Disproportionate expansion of a minor T cell subset in patients with lymphadenopathy syndrome and acquired immunodeficiency syndrome. Lewis DE, et al. **J Infect Dis** 1985 Mar;151(3):555-9

Circulating T cell subsets in the Lambert-Eaton myasthenic syndrome. Robb SA, et al. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):501-5

Ga-67 scanning in the evaluation of the disease activity of T-cell alveolitis in sarcoidosis. Ichikawa Y, et al. **Kurume Med J** 1984;31(1):7-13

Imaging of T-cell lymphoma by radiolabelied monoclonal antibody [letter] Bunn PA Jr, et al. **Lancet** 1984 Nov 24;2(8413):1219-21

HTLV-I-positive T-cell lymphoma/leukaemia in an African resident in UK [letter] Stewart JS, et al. **Lancet** 1984 Oct 27;2(8409):984-5

Differential methylation of class I histocompatibility antigen genes in T-cell lines derived from two different types of T-cell malignancies. Clarke MF, et al. **Leuk Res** 1984;8(6):965-73

The sensitivity to methylnitrosourea-induced T-cell leukemogenesis in mice is modified by the injection of hydrocortisone. Seidel HJ, et al. **Leuk Res** 1985;9(5):625-9

The antitumour effect of doxycycline on a T-cell leukaemia in the rat. van den Bogert C, et al. **Leuk Res** 1985;9(5):617-23

Functional and phenotypic analysis of a T cell prolymphocytic leukemia. Woods GM, et al. **Leuk Res** 1985;9(5):587-96

Immunoreactive thymosin alpha 1 is associated with murine T-cell lymphomas. Zatz MM, et al. **Leuk Res** 1984;8(6):1003-10

Thymocyte subsets transformed by Abelson murine leukemia virus. Cook WD. **Mol Cell Biol** 1985 Feb;5(2):390-7

Phorbol myristate acetate-stimulated production of interleukin 2 by T-cell lymphoma and constitutive production by derived hybridomas. Bubeník J, et al. **Neoplasma** 1984;31(5):497-505

Adult T-cell leukaemia lymphoma (ATLL) associated with human T-cell leukaemia virus (HTLV). Case report and immunological studies with the neoplastic T-cells of a Caribbean patient. Feenstra H, et al. **Neth J Med** 1985;28(7):285-90

Monitoring of T-lymphocyte regeneration following allogeneic bone marrow transplantation using monoclonal antibodies. Gratama JW, et al. **Neth J Med** 1985;28(3):128-33

Primary cutaneous T-cell lymphoma in a child. Paller AS, et al. **Pediatr Dermatol** 1984 Oct;2(2):131-5

Extracorporeal photopheresis. Edelson RL. **Trans Am Soc Artif Intern Organs** 1984;30:674-5

Congenital T cell deficiency with neutropenia and erythroblastopenia. Correction following allogeneic bone marrow transplantation. Perreault C, et al. **Transplantation** 1985 Mar;39(3):321-3

Immunoelectron microscopic studies on peripheral T-cell lymphomas using monoclonal antibodies. Shamoto M, et al. **Virchows Arch [Cell Pathol]** 1984;47(4):281-90

[T and B cells in gingival tissue in periodontitis] Chen JX. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):171-2 **(Chi)**

[Effect of air pollution on T-lymphocytes of the peripheral blood in children] Sun ZX. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Mar;18(2):108-9 (Eng. Abstr.) **(Chi)**

[Peripheral T cell lymphoma] Horschowski N, et al. **Nouv Rev Fr Hematol** 1984;26(5):287-93 (Eng. Abstr.) **(Fre)**

[T CD4(OKT4+) lymphocyte deficiency after thoracic duct drainage (letter)] Laville M, et al. **Presse Med** 1985 Mar 2;14(9):547 **(Fre)**

[Two cases of adult T cell leukemia complicated with Pneumocystis carinii pneumonia] Yamaguchi Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1686-91 (Eng. Abstr.) **(Jpn)**

[Principles of immunocorrective therapy using the thymus preparation T-activin] Arion VIa, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):44-8 (Eng. Abstr.) **(Rus)**

[Spontaneous rosette formation reaction of lymphocytes isolated from capillary blood] Karpova ZhI, et al. **Lab Delo** 1984;(7):427-30 (Eng. Abstr.) **(Rus)**

[Isolation of IgG and IgM antierythrocyte antibodies for determining human T-lymphocyte subpopulations] Khavkin IuA, et al. **Lab Delo** 1984;(7):420-2 (Eng. Abstr.) **(Rus)**

[Evaluation of populations of peripheral lymphocytes in healthy newborn infants] Samsygina GA, et al. **Pediatriia** 1985 Mar;(3):11-5 (Eng. Abstr.) **(Rus)**

[Intrathymic differentiation of the T lymphocyte and classification of the T-cell lymphoproliferative disorders] García Rodríguez MC. **Sangre (Barc)** 1984;29(4-C):696-701 **(Spa)**

[Proliferative disorders of thymocytes] Jiménez Herráez MC. **Sangre (Barc)** 1984;29(4-C):695 **(Spa)**

ANALYSIS

Glycosphingolipids in murine lymphocytes from thymus and spontaneous and X-ray induced thymomas. Bartoszewicz Z, et al. **Acta Biochim Pol** 1985;32(1):47-53

S-100 protein positive human T-lymphocyte. Takahashi K, et al. **Am J Clin Pathol** 1985 Jan;83(1):69-72

Assessment of immunocompetent cells in patients with head and neck squamous cell carcinoma. Dawson DE, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):342-5

Thymopoietin radioreceptor assay utilizing lectin-purified glycoprotein from a biologically responsive T cell line. Audhya T, et al. **Arch Biochem Biophys** 1984 Oct;234(1):167-77

Alpha-foetoprotein in chronic lymphocytic leukaemia. Komlos L, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):191-4

Expression of H-2 antigen on oligodendrocytes is induced by soluble factors from concanavalin A activated T cells. Suzumura A, et al. **Brain Res** 1985 Jun 10;336(1):171-5

The isolation and nucleotide sequence of a cDNA encoding the T cell surface protein T4: a new member of the immunoglobulin gene family. Maddon PJ, et al. **Cell** 1985 Aug;42(1):93-104

Bronchoalveolar T-cell subsets in gold lung. Evidence for a hypersensitivity reaction [letter] **Chest** 1985 Jan;87(1):135-6

T-lymphocytosis in bronchoalveolar lavage fluid of hypersensitivity pneumonitis [letter] **Chest** 1985 Jan;87(1):133-4

An approach to molecular analysis of T-cell clones by two-dimensional gel electrophoresis: is there interclonal and intraclonal heterogeneity? Kettman J, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1950-5

T-cell factors that promote B-cell proliferation and differentiation. Swain SL, et al. **Contemp Top Mol Immunol** 1985;10:219-29 (30 ref.)

Flow cytometric fluorescence emission spectrum analysis of Hoechst-33342-stained DNA in chicken thymocytes. Watson JV, et al. **Cytometry** 1985 Jul;6(4):310-5

The large sialoglycoprotein of human lymphocytes. I. Distribution on T and B lineage cells as revealed by a monospecific chicken antibody. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):417-26

The large sialoglycoprotein of human lymphocytes. II. Biochemical features. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):427-33

Increase in T. G-cell ratio in renal transplant recipients and the relationship to complications. Dohi K, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):233-8

Structural differences in cell surface T25 polypeptides from thymocytes and cloned T cells. Sarmiento M, et al. **Hybridoma** 1981;1(1):13-26

Thalidomide--effect on T cell subsets as a possible mechanism of action. Moncada B, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):201-5

Effects of cyclosporine on T-cell subsets in experimental autoimmune uveitis. Nussenblatt RB, et al. **Invest Ophthalmol Vis Sci** 1985 Jan;26(1):10-4

Characterization of the two heavy chains of the T3 complex on the surface of human T lymphocytes. Oettgen HC, et al. **J Biol Chem** 1984 Oct 10;259(19):12039-48

Immunohistologic localization and immune phenotypes of lymphocytes expressing Tac antigen in human lymphoid tissues. Miyawaki T, et al. **J Immunol** 1984 Dec;133(6):2996-3000

Peripheral blood and CSF T-cell subsets in Japanese MS patients. Kuroda Y, et al. **Neurology** 1985 Feb;35(2):270-3

Purification and characterization of a human T-lymphocyte-derived glial growth-promoting factor. Benveniste EN, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3930-4

Rearrangement and transcription of a T-cell receptor beta-chain gene in different T-cell subsets. Hedrick SM, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):531-5

Purification and chemical characterization of the receptor for interleukin 2 from activated human T lymphocytes and from a human T-cell lymphoma cell line. Urdal DL, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6481-5

Changes in T-lymphocytes and response to high-dose gamma-globulin therapy in idiopathic thrombocytopenic purpura. Brearley RL, et al. **Scand J Haematol** 1984 Nov;33(5):482-5

Heterogeneity of macrophage-activating factors (MAFs) and their effects in vivo. Krammer PH, et al. **Symp Fundam Cancer Res** 1984;37:193-7

[Contribution of immunology to the positive and differential diagnosis of the acquired immunodeficiency syndrome. Immunologic mechanisms of the syndrome] Gluckman JC, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):282-7 (Eng. Abstr.) **(Fre)**

[Phenotype study of blood T lymphocytes in alcoholic hepatopathies] Pelletier G, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):911-4 (Eng. Abstr.) **(Fre)**

[Populations of circulating T lymphocytes in patients with alcoholic cirrhosis] Perrin D, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):907-10 (Eng. Abstr.) **(Fre)**

[Determination of circulating lymphocyte subsets by monoclonal antibodies: still imperfect use of an excellent tool] Vuitton D, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):903-6 **(Fre)**

[Human T-lymphocytes--clinical and methodological studies on the detection of Fc-IgM- and Fc-IgG-receptor bearing T-lymphocytes (Tm and Tg)] Grunow G, et al. **Folia Haematol (Leipz)** 1985;112(1):109-24 (Eng. Abstr.) **(Ger)**

[Immunological diagnosis of cutaneous lymphomas. II. Membrane receptor for Helix pomatia lectin on lymphocytes: a new immunohistological marker for T-lymphocytes and Sezary cells] Trost TH. **Z Hautkr** 1985 Jan;60(1-2):67-70 (Eng. Abstr.) **(Ger)**

[Correlation between membrane markers and cytochemical markers in acute T-cell lymphoproliferative disorders. Comparison with other acute lymphoproliferative processes] Larrocha Rabanal C, et al. **Sangre (Barc)** 1984; 29(4-C):741-51 **(Spa)**

CLASSIFICATION

T-cell subsets in patients with mild and severe atopic dermatitis. Braathen LR. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:133-6

T-subset abnormalities in thalassaemia intermedia: possible evidence for a thymus functional deficiency. Guglielmo P, et al. **Acta Haematol (Basel)** 1984;72(6):361-7

T-cell imbalances in blood and lymph nodes from patients with acquired immune deficiency syndrome or AIDS-related complex. Grossi CE, et al. **Ala J Med Sci** 1985 Apr;22(2):160-3

T gamma cell levels in mammary and cervical uterine cancer patients before and after local irradiation treatment. Folch H, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct; 12(5):383-6

T-lymphocyte subsets in idiopathic dilated cardiomyopathy. Sanderson JE, et al. **Am J Cardiol** 1985 Mar 1;55(6):755-8

Identification of complex phenotype (OKT4+/OKT8+) on adult T-cell leukemia cells by sequential application of indirect rosette assay with protein A-coated ox red blood cells and immunoperoxidase technic. Tamura K, et al. **Am J Clin Pathol** 1985 Jul;84(1):44-8

A lymphoproliferative disorder of T gamma cells with the phenotype of cytotoxic/suppressor T-cell. Amagasaki T, et al. **Am J Hematol** 1985 May;19(1):85-93

Alterations in lymphocyte cell surface markers during various human infections [letter] **Am J Med** 1985 Mar;78(3):A79, A84, A89 passim

Correlation between immunologic function and clinical subpopulations of patients with the acquired immune deficiency syndrome. Lane HC, et al. **Am J Med** 1985 Mar; 78(3):417-22

Analysis of T cell subsets in different clinical subgroups of patients with the acquired immune deficiency syndrome. Comparison with the 'classic' form of Kaposi's sarcoma. Mittelman A, et al. **Am J Med** 1985 Jun;78(6 Pt 1):951-6

Ia-positive T lymphocytes in recently diagnosed idiopathic Addison's disease. Rabinowe SL, et al. **Am J Med** 1984 Oct;77(4):597-601

Systemic lupus erythematosus: delineation of subpopulations by clinical, serologic, and T cell subset analysis. Smolen JS, et al. **Am J Med Sci** 1985 Apr;289(4):139-47

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin. McLoughlin ME, et al. **Am J Vet Res** 1984 Sep;45(9):1795-9

T cell subsets in allergic respiratory disease using monoclonal antibodies. Engel P, et al. **Ann Allergy** 1984 Oct; 53(4):337-40

Characterization of T cell subsets in patients with atopic dermatitis using OKT monoclonal antibodies. Miadonna A, et al. **Ann Allergy** 1985 Apr;54(4):321-4

Isolation of T lymphocyte subsets from peripheral blood using monoclonal antilymphocyte antibodies. Patel R, et al. **Ann Clin Lab Sci** 1985 Jan-Feb;15(1):66-70

Tissue and blood T-lymphocyte subpopulations in erythema nodosum leprosum. Modlin RL, et al. **Arch Dermatol** 1985 Feb;121(2):216-9

Monoclonal antibody studies in the skin lesions of patients with anetoderma. Venencie PY, et al. **Arch Dermatol** 1985 Jun;121(6):747-9

Lymphopenia and abnormal balance of T-lymphocyte subpopulations in toxic epidermal necrolysis. Roujeau JC, et al. **Arch Dermatol Res** 1985;277(1):24-7

Distribution of T-cell subpopulations in the peripheral blood of patients with erythrodermic psoriasis. Willemze R, et al. **Arch Dermatol Res** 1985;277(1):19-23

Lymphocyte subpopulations during blood storage [letter] Kahan A, et al. **Arch Intern Med** 1984 Oct;144(10):2101

Lymphocyte subsets in lymph nodes of homosexual men with generalized unexplained lymphadenopathy. Correlation with morphology and blood changes. Chan WC, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):133-7

Transplant site affects splenic T- and B-cell survival and function. Livingston CD, et al. **Arch Surg** 1985 Jan; 120(1):89-92

Raised serum neopterin levels and imbalances of T-lymphocyte subsets in viral diseases, acquired immune deficiency and related lymphadenopathy syndromes. Kern P, et al. **Biomed Pharmacother** 1984;38(8):407-11

Characterization of immature T cell subpopulations in neonatal blood [letter] **Blood** 1985 Feb;65(2):507-9

Terminology in T gamma lymphoproliferative disease [letter] Ault KA, et al. **Blood** 1985 Jul;66(1):248-9

Surface phenotype and cytochemistry of T cells [letter] Dufer J, et al. **Blood** 1985 Jan;65(1):246-8

Lymphadenopathy-associated virus antibodies and T cells in hemophiliacs treated with cryoprecipitate or concentrate. Gjerset GF, et al. **Blood** 1985 Sep;66(3):718-20

The regulation of immunoglobulin synthesis after HLA-identical bone marrow transplantation: VI. Differential rates of maturation of distinct functional groups within lymphoid subpopulations in patients after human marrow grafting. Lum LG, et al. **Blood** 1985 Jun; 65(6):1422-33

Effect of chemotherapy on T-lymphocyte subsets in B-cell proliferative disorders. Emmendörffer CA, et al. **Blut** 1985 Mar;50(3):149-56

T-lymphocyte subpopulations in the peripheral blood and bone marrow of patients with aplastic anemia. Falcão RP, et al. **Blut** 1985 Feb;50(2):103-7

Thymosin beta 4 induced phenotypic changes in Molt-4 leukemic cell line. Kokkinopoulos D, et al. **Blut** 1985 Jun; 50(6):341-8

T lymphocyte lines in the study of autoimmune disease. Wekerle H, et al. **Blut** 1984 Sep;49(3):187-94

Cerebrospinal fluid and peripheral blood lymphocyte subpopulations in multiple sclerosis. Evaluation by means of monoclonal antibodies (a preliminary note). Biglino A, et al. **Boll Ist Sieroter Milan** 1982;61(5):432-6

Peripheral blood and bone marrow lymphocytes of B chronic lymphocytic leukaemia patients. De Paoli P, et al. **Boll Ist Sieroter Milan** 1984;63(6):534-6

Alteration of T cell subsets during tetanus infection treated with high doses of specific immunoglobulins. De Paoli P, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):196-200

Identification with monoclonal antibodies of T-cell subsets in peripheral blood and ascitic fluid of patients with alcoholic hepatic cirrhosis. Pirrone S, et al. **Boll Ist Sieroter Milan** 1985;64(1):52-4

Oral lichen planus: an immunoperoxidase study using monoclonal antibodies to lymphocyte subsets. Matthews JB, et al. **Br J Dermatol** 1984 Nov;111(5):587-95

Vitiligo: peripheral T-cell subset imbalance as defined by monoclonal antibodies. Soubiran P, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:124-7

In situ quantification of T-lymphocyte subsets and Langerhans cells in the inflammatory infiltrate of atopic eczema. Zachary CB, et al. **Br J Dermatol** 1985 Feb; 112(2):149-56

Lymphocyte subsets in renal carcinoma--a sequential study using monoclonal antibodies. Ritchie AW, et al. **Br J Urol** 1984 Apr;56(2):140-8

Lymphocytes are rhythmic: is this important? [letter] **Br Med J [Clin Res]** 1985 Jan 12;290(6462):152-3

Stress, cortisol concentrations, and lymphocyte subpopulations. Baker GH, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1393

T-cell subsets in patients with aplastic anemia. Falcão RP, et al. **Braz J Med Biol Res** 1984;17(2):151-6

Phenotypic and ultrastructural characterization of a medullary thymocyte acute lymphoblastic leukemia with cellular procoagulant activity. Chorba TL, et al. **Cancer** 1985 Feb 1;55(3):675-81

Influence of genotype and the organ of origin on the subtype of T-cell in Moloney lymphomas induced by transfer of preleukemic cells from athymic and thymus-bearing mice. Asjö B, et al. **Cancer Res** 1985 Mar;45(3):1040-5

Age-related changes in the relative numbers of Thy-1- and Lyt-2-bearing peripheral blood lymphocytes in mice: a longitudinal approach. Boersma WJ, et al. **Cell Immunol** 1985 Jul;93(2):417-30

The roles of two peritoneal T-lymphocyte populations in the in vivo rejection of methylcolanthrene-induced sarcoma. Kadhim SA, et al. **Cell Immunol** 1985 Jan; 90(1):234-41

Atopic asthma: T lymphocyte subpopulations. Schuyler M, et al. **Clin Allergy** 1985 Mar;15(2):131-8

Increased Ia expression, T lymphocyte subset abnormalities and autoimmunity in murine strains bearing the lpr gene. Dauphinée MJ, et al. **Clin Exp Immunol** 1984 Oct; 58(1):145-53

Evaluation of T cell subsets in Behçet's syndrome using anti-T cell monoclonal antibodies. Valesini G, et al. **Clin Exp Immunol** 1985 Apr;60(1):55-60

Abnormalities of peripheral blood T lymphocyte subsets in polymyalgia rheumatica. Chelazzi G, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):333-6

T-cell subsets in the hyporesponsiveness to hepatitis B surface antigen (HBsAg) and antigen-specific suppressor lymphocytes in chronic hepatitis B virus (HBV) infection. Barnaba V, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):284-95

Effect of cytotoxic antineoplastic chemotherapy on immunoregulatory leukocytes measured with monoclonal antibodies. Braun DP, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):54-66

T-lymphocyte subsets in experimental autoimmune uveitis. Chan CC, et al. **Clin Immunol Immunopathol** 1985 Apr; 35(1):103-10

Effects of prostaglandin E2 on responses of T-cell subsets to mitogen and autologous non-T-cell stimulation. Honda M, et al. **Clin Immunol Immunopathol** 1984 Oct; 33(1):111-22

Variables affecting T-lymphocyte subsets in a volunteer blood donor population. Lifson JD, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):151-60

Alterations in serum antibody and peripheral T-lymphocyte subsets resulting from treatment of murine immune complex glomerulonephritis with PGE2. McLeish KR, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):100-8

T lymphomas associated with human T-cell leukemia-lymphoma virus may show phenotypic and functional differences from adult T-cell leukemias. Yamada Y, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):306-19

Immunogenetics and immunopathology of human primary membranous glomerulonephritis: HLA-A, B, DR antigens; functional activity of splenic macrophage Fc-receptors and peripheral blood T-lymphocyte subpopulations. Berthoux FC, et al. **Clin Nephrol** 1984 Jul;22(1):15-20

Anti-islet cellular and humoral immunity, T-cell subsets, and thymic function in type I diabetes. Quiniou-Debrie MC, et al. **Diabetes** 1985 Apr;34(4):373-9

Double-rosetting technique for the detection of Fc gamma receptor-positive T lymphocytes. Cillari E, et al. **Diagn Immunol** 1983;1(2):80-6

Infection and T lymphocyte subpopulations: changes associated with bacteremia and the acquired immunodeficiency syndrome. Fishman JA, et al. **Diagn Immunol** 1983;1(3):261-5

Extent of squamous cancer of the lung correlates with alterations in circulating T cells. Ginns LC, et al. **Diagn Immunol** 1983;1(3):155-61

Lymphocyte phenotype changes in congenital and acquired perinatal cytomegalovirus infections. Katikaneni LD, et al. **Diagn Immunol** 1985;3(1):38-42

Effects of human T-cell subpopulations on B-cell proliferation as determined by (3H)-thymidine incorporation. Kay NE, et al. **Diagn Immunol** 1983; 1(1):11-6

Fc gamma bearing T cells in non-Hodgkin lymphoma. Keller RH, et al. **Diagn Immunol** 1983;1(1):27-32

Functional diversity in OKT4 and OKT8 subsets from long-term survivors after HLA-identical marrow grafting. Lum LG, et al. **Diagn Immunol** 1983;1(3):179-87

Involvement of T3 and T8 molecules in human T cell receptor function. Anti-T3 or anti-T8 antibodies do not block the antigen-dependent activation of a subset of alloreactive cytolytic T cell precursors. Moretta A, et al. **Eur J Immunol** 1985 Aug;15(8):803-8

T-lymphocyte subsets in pleural fluids: discrimination according to traditional and monoclonal antibody-defined markers. Kochman S, et al. **Eur J Respir Dis** 1984 Nov; 65(8):586-91

Immunohistochemical demonstration of T-lymphocyte subsets in tissue sections using monoclonal antibodies: a 3-layer PAP system and comparison of three immunoperoxidase methods. Jothy S, et al. **Exp Pathol** 1985;27(3):137-42

Sexually transmitted diseases, T cell subsets, and sexual practices in homosexual men attending an STD clinic. Maw RD, et al. **Genitourin Med** 1985 Jun;61(3):197-201

Peripheral B and T-cell subsets defined by monoclonal antibodies in patients treated with histamine type-2 receptor antagonists [letter] Cavanna L, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):503-4

Two different T-cell systems in humans, one of which is probably equivalent to Qa or Tla in mice. van Leeuwen A, et al. **Hum Immunol** 1985 Apr;12(4):235-46

Monoclonal antibody identification of mononuclear cells in endomyocardial biopsy specimens from a patient with rheumatic carditis. Marboe CC, et al. **Hum Pathol** 1985 Apr;16(4):332-8

B- and T-cell subsets in follicular centroblastic/centrocytic (cleaved follicular center cell) lymphoma: an immunohistologic analysis of 26 lymph nodes and three spleens. Swerdlow SH, et al. **Hum Pathol** 1985 Apr; 16(4):339-52

FT-2 antigen for distinguishing lymphocyte subpopulations in the developing thymus. Takashi T, et al. **Immunol Lett** 1985;9(5):259-62

The relationship between secreted and cell surface antigen-binding molecules synthesized by T cells. I. Function-related isotypic determinants on T cells defined by antisera to antigen-specific helper and suppressor factors. Culbert EJ, et al. **Immunology** 1984 Nov; 53(3):481-90

Surface antigens, SBU-T4 and SBU-T8, of sheep T lymphocyte subsets defined by monoclonal antibodies. Maddox JF, et al. **Immunology** 1985 Aug;55(4):739-48

Characterization of functionally distinct subpopulations of rabbit T lymphocytes. Watkins JR, et al. **Immunology** 1984 Dec;53(4):659-67

Cord blood T lymphocyte subpopulations in premature and full-term infants. Lilja G, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):273-5

Concanavalin A-induced activation of human T cell subpopulations. Persson U, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):337-44

Establishment of the Amsalem T-cell line from a patient with acute lymphoblastic leukemia. Expression of E-receptor-associated antigens in cells incapable of forming E-rosettes. Ben Bassat H, et al. **Int J Cancer** 1985 Jan 15;35(1):27-33

Human T-cell subpopulations distinguished by monoclonal antibodies. Fishwild D, et al. **Int Ophthalmol Clin** 1985 Summer;25(2):55-62

T cell subpopulations in alopecia areata. Todes-Taylor N, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 1):216-23

Characterization of human lymphocyte subpopulations: alloreactive cytotoxic T-lymphocyte precursor and effector cells are phenotypically distinct from Leu 2+ suppressor cells. Clement LT, et al. **J Clin Immunol** 1984 Sep;4(5):395-402

Functional and phenotypic studies of Japanese adult T cell leukemia cells. Morimoto C, et al. **J Clin Invest** 1985 Mar; 75(3):836-43

Human T lymphocyte subsets. Functional heterogeneity and surface recognition structures. Romain PL, et al. **J Clin Invest** 1984 Nov;74(5):1559-65 (84 ref.)

Immunoregulatory T cells in man. Histamine-induced suppressor T cells are derived from a Leu 2+ (T8+) subpopulation distinct from that which gives rise to cytotoxic T cells. Sansoni P, et al. **J Clin Invest** 1985 Feb; 75(2):650–6

OKT4+ and OKT8+ cell subset values and HLA–DR phenotypes. Caruso C, et al. **J Clin Lab Immunol** 1985 Feb; 16(2):91–2

Adult T cell leukemia with atypical surface phenotypes: clinical correlation. Yamada Y, et al. **J Clin Oncol** 1985 Jun;3(6):782–8

Retrospective study of histological features of acute rejection in renal allografts and comparison with circulating T cell populations. Wyatt J, et al. **J Clin Pathol** 1985 Aug; 38(8):858–63

Absence of the Lyt–2–,L3T4+ lineage of T cells in mice treated neonatally with anti–I–A correlates with absence of intrathymic I–A–bearing antigen–presenting cell function. Kruisbeek AM, et al. **J Exp Med** 1985 May 1; 161(5):1029–47

Effect of in vivo administration of Lyt antibodies. Lyt phenotype of T cells in lymphoid tissues and blocking of tumor rejection. Nakayama E, et al. **J Exp Med** 1985 Feb 1;161(2):345–55

Organ–specific autoimmune diseases induced in mice by elimination of T cell subset. I. Evidence for the active participation of T cells in natural self–tolerance; deficit of a T cell subset as a possible cause of autoimmune disease. Sakaguchi S, et al. **J Exp Med** 1985 Jan 1;161(1):72–87

Coexpression of T4 and T8 on peripheral blood T cells demonstrated by two–color fluorescence flow cytometry. Blue ML, et al. **J Immunol** 1985 Apr;134(4):2281–6

Functional analysis of T cell subsets from mice bearing the lpr gene. Davignon JL, et al. **J Immunol** 1985 Oct; 135(4):2423–8

Xenogeneic monoclonal antibody to an Ly–6–linked murine cell surface antigen: differential reactivity with T cell subpopulations and bone marrow cells. Dumont FJ, et al. **J Immunol** 1985 Apr;134(4):2357–65

Increased incidence of Ia antigen–bearing T lymphocytes in the spontaneously diabetic BB rat. Francfort JW, et al. **J Immunol** 1985 Mar;134(3):1577–82

Characterization of a T4+/Leu–8+ T cell clone that directly helps B cell Ig production by secreting B cell differentiation factor. Goldstein H, et al. **J Immunol** 1985 Jul;135(1):339–43

Repopulation of the mouse thymus after sublethal fission neutron irradiation. I. Sequential appearance of thymocyte subpopulations. Huiskamp R, et al. **J Immunol** 1985 Apr; 134(4):2161–9

Presence of an antigen–specific T cell subset that forms IgE–suppressive factor and IgG–suppressive factor on antigenic stimulation. Jardieu P, et al. **J Immunol** 1985 Aug; 135(2):922–9

Functional characterization of human T lymphocyte subsets distinguished by monoclonal anti–leu–8. Kansas GS, et al. **J Immunol** 1985 May;134(5):2995–3002

In vivo treatment of neonatal mice with anti–I–A antibodies interferes with the development of the class I, class II, and Mls–reactive proliferating T cell subset. Kruisbeek AM, et al. **J Immunol** 1985 Jun;134(6):3597–604

Lymphocyte function in human bone marrow. I. Characterization of two T cell populations regulating immunoglobulin secretion. Mills GB, et al. **J Immunol** 1985 May;134(5):3036–41

Alloantigen presentation by B cells: two types of alloreactive T cell hybridomas, B cell–reactive and B cell–nonreactive. Minami M, et al. **J Immunol** 1985 Jul;135(1):111–6

T cell subsets in (responder x nonresponder)F1 mice regulating antibody responses to L–glutamic acid60–L–alanine30–L–tyrosine (GAT). Pierce CW, et al. **J Immunol** 1984 Dec;133(6):2874–81

Thymic reticulum in mice. IV. The rosette formation between phagocytic cells of the thymic reticulum and cortical type thymocytes is mediated by complement receptor type three. el Rouby S, et al. **J Immunol** 1985 Jun;134(6):3625–31

T cell synergy in the primary MLR: proliferative kinetics, effector cell generation, and IL 2 production. Salomon DR, et al. **J Immunol** 1984 Dec;133(6):3075–83

Antigen presentation in the rat. II. An Ia+ radiosensitive T cell can present antigen to primed Ia– T cells. Sopori ML, et al. **J Immunol** 1985 Mar;134(3):1369–73

T alpha cell subsets in human peripheral blood. Suga T, et al. **J Immunol** 1985 Mar;134(3):1327–9

Characterization of two different Ly–1+ T cell populations that mediate delayed–type hypersensitivity. Van Loveren H, et al. **J Immunol** 1984 Nov;133(5):2402–11

Activation through CD3 molecule leads to clonal expansion of all human peripheral blood T lymphocytes: functional analysis of clonally expanded cells. Weber WE, et al. **J Immunol** 1985 Oct;135(4):2337–42

Presentation of Class I antigens on T cells can induce the generation of antigen–specific CTL. Zier KS, et al. **J Immunol** 1985 Oct;135(4):2274–8

Phenotyping of proliferating cells in cultures of human lymphocytes. Suez D, et al. **J Immunol Methods** 1985 Apr 8;78(1):49–57

Investigations on the age–dependence of T–lymphocyte subpopulations and lymphocyte reactivity. Reiter JJ, et al. **J Immunopharmacol** 1984;6(4):359–77

Appearance of T–cell subpopulations during the time course of beryllium–induced granulomas. Maceira JM, et al. **J Invest Dermatol** 1984 Nov;83(5):314–6

Circulating T–cell subsets in Guillain–Barré syndrome. Lisak RP, et al. **J Neuroimmunol** 1985 May;8(2–3):93–101

Leu–3+ lymphocytes account for increased CSF cellularity. Vandenbark AA, et al. **J Neuroimmunol** 1985 May; 8(2–3):103–14

Lichen planus: possible mechanisms of pathogenesis. Gabriel SA, et al. **J Oral Med** 1985 Apr–Jun;40(2):56–9

T lymphocyte subsets in the inflamed gingiva of human adult periodontitis. Okada H, et al. **J Periodont Res** 1984 Nov; 19(6):595–8

Helper T cell function of rheumatoid synovial tissue lymphocytes. McCain GA. **J Rheumatol** 1984 Aug; 11(4):438–47

Evaluation of clinical and prognostic significance of T cell regulatory subsets in rheumatoid arthritis. Reynolds WJ, et al. **J Rheumatol** 1985 Feb;12(1):49–56

Canine transmissible venereal sarcoma: quantitation of T–lymphocyte subpopulations during progressive growth and spontaneous tumor regression. Trail PA, et al. **JNCI** 1985 Feb;74(2):461–7

Characterization of T cells cultured from fine needle aspirates of human renal allografts during rejection. Wolff JL, et al. **Kidney Int** 1985 Feb;27(2):469–71

Isolation and characterisation of human T–cell lines from a patient with Chagas' disease. Britten V, et al. **Lancet** 1985 Sep 21;2(8456):637–9

Acute AIDS retrovirus infection. Definition of a clinical illness associated with seroconversion. Cooper DA, et al. **Lancet** 1985 Mar 9;1(8428):537–40

Heterogeneity of peripheral blood T–cell colony–forming cells in patients with T–cell malignancies. Georgoulias V, et al. **Leuk Res** 1984;8(6):1025–36

Panning separation for monoclonal antibody–specific T–cell subsets: effects of enzymes and metabolic inhibitors. Goto M, et al. **Microbiol Immunol** 1984;28(12):1373–84

Distribution of subpopulations of T lymphocytes in Hodgkin's disease. Gulwani BN, et al. **Neoplasma** 1985; 32(2):239–46

T and B lymphocytes in canine lymphosarcoma. Koyama H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):157–60

Role of theophylline–resistant and –sensitive T cells in autologous mixed lymphocyte reaction. Ifuku H, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1017–24

T cell subsets in patients with multiple myeloma. Katagiri S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Sep; 47(6):1351–8

T–cell subsets in patients with gastric cancer. Watanabe T, et al. **Oncology** 1985;42(2):89–91

T–lymphocyte subset changes in recurrent aphthous stomatitis. Savage NW, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):175–81

T–lymphocyte subpopulations identified by monoclonal antibodies after human bone–marrow transplantation. Tubiana N, et al. **Pathol Biol (Paris)** 1985 Mar;33(3):173–8

T cell subsets in renal transplanted patients defined by theophylline sensitivity and monoclonal antibodies. Shapira Z, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1037–41

HLA, lymphocyte subsets and immunoglobulins in liver cirrhosis. Fjorini G, et al. **Quad Sclavo Diagn** 1984 Sep; 20(3):276–82

T–cell subsets in malignant lymphomas and monoclonal gammopathies. Bergmann L, et al. **Scand J Haematol** 1985 Feb;34(2):170–6

Autologous mixed lymphocyte reaction in man. XI. Deficiency of autologous mixed lymphocyte reaction and abnormalities of monoclonal antibody–defined T–cell subsets in chronic mucocutaneous candidiasis. Gupta S. **Scand J Immunol** 1985 Jun;21(6):525–30

Lymphocyte transformation tests and subpopulations of lymphocytes in a population–based material of atopic dermatitis in twins. Schultz Larsen F, et al. **Scand J Immunol** 1985 Apr;21(4):375–81

Recent advances in the phenotypic and functional analysis of human T lymphocytes. Moretta A, et al. **Semin Hematol** 1984 Oct;21(4):257–69 (112 ref.)

Rat thymocyte subpopulations: heterogeneity of the fetal calf serum dependent rosette forming cells. Takács L, et al. **Thymus** 1984;6(6):375–85

HLA–DR phenotypes and blood levels of T cell subsets. Caruso C, et al. **Tissue Antigens** 1984 Nov;24(5):320–2

Aberration of B and T cell subsets in patients with IgA nephropathy and membranous nephropathy. Suga T, et al. **Tokai J Exp Clin Med** 1984 Jun;9(2):95–101

Lymphocyte subsets in patients with acquired immunodeficiency syndrome (AIDS), aids–related complex (ARC), and acute viral infections. Lewis DE, et al. **Trans Assoc Am Physicians** 1984;97:197–204

CFU–GM and T cell subsets in young red cell collections. Marcus RE, et al. **Transfusion** 1984 Sep–Oct;24(5):379–81

Subsets of T lymphocyte subpopulations after human marrow transplantation defined by monoclonal antibodies and two–color fluorescence. Farrell C, et al. **Transplant Proc** 1985 Apr;17(2):1704–6

T cell subsets in fine needle aspiration biopsies from renal transplant recipients. Waugh J, et al. **Transplant Proc** 1985 Apr;17(2):1701–3

The effect of cytomegalovirus and Epstein–Barr virus infection on T lymphocyte subsets in cardiac transplant patients on cyclosporine. Dummer JS, et al. **Transplantation** 1984 Oct;38(4):433–5

Further phenotypic characterization of T cells after human allogeneic bone marrow transplantation. Elfenbein GJ, et al. **Transplantation** 1985 Jan;39(1):97–102

HNK–1+ (Leu–7) and other lymphocyte subsets in long–term survivors with renal allotransplants. Fregona I, et al. **Transplantation** 1985 Jan;39(1):25–9

The effect of hormone therapy on peripheral blood leukocytic subset distribution in stage D prostatic cancer patients. Rubenstein M, et al. **Urol Res** 1985;13(2):67–71

Lymphadenopathy in drug addicts. A study of the distribution of T lymphocyte subsets in the lymph nodes. Toccanier MF, et al. **Virchows Arch [A]** 1985;406(2):149–63

[Peripheral T–lymphocyte subpopulations in primary and alcoholic dilated cardiomyopathy] Sachs RN, et al. **Ann Med Interne (Paris)** 1985;136(3):229–32 (Eng. Abstr.) **(Fre)**

[Abnormal distribution of T lymphocytes in primary intestinal lymphangiectasia (letter)] Di Cesare E, et al. **Arch Fr Pediatr** 1985 Jan;42(1):64 **(Fre)**

[T–cell subpopulations during acute attacks of pernicious malaria] Ndiaye AB, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):342–8 (Eng. Abstr.) **(Fre)**

[Blood T lymphocyte populations in the hemophiliac] Aymard JP, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):473–7 (Eng. Abstr.) **(Fre)**

[Cytochemical differentiation of T– and B–lymphocytes in the short–tailed mouse (Clethrionomys glareolus)] Budde R, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:83–105 (Eng. Abstr.) **(Ger)**

[Analysis of T–lymphocyte subpopulations in psoriasis using monoclonal antibodies] Knopf B, et al. **Dermatol Monatsschr** 1985;171(4):217–21 (Eng. Abstr.) **(Ger)**

[Lymphocytes and lymphocyte subpopulations] Seelig HP. **Immun Infekt** 1984 Oct;12(5):217–28 (135 ref.) (Eng. Abstr.) **(Ger)**

[T–lymphocyte subsets––characterization and functions] Grunwald Z, et al. **Harefuah** 1985 Apr 1;108(7):349–51 **(Heb)**

[Study of lymphocyte subpopulations in 2 cases of ankylosing spondylitis] Tramaloni C, et al. **G Clin Med** 1984 Sep–Oct; 65(9–10):427–32 (Eng. Abstr.) **(Ita)**

[T–lymphocyte populations defined by monoclonal antibodies in children with atopic dermatitis] Chiarelli F, et al. **Minerva Pediatr** 1985 Feb 15;37(3):113–6 (Eng. Abstr.) **(Ita)**

[Lymphocyte study in the selective deficit of IgA] Danieli MG, et al. **Recenti Prog Med** 1984 Dec;75(12):1061–75 (Eng. Abstr.) **(Ita)**

[Studies of the mechanisms of human B cell activation. I. Development of an assay system for human B cell growth factors (BCGF) and identification of BCGF–producing T cell subsets] Ueda Y, et al. **Arerugi** 1984 Oct;33(10):859–67 (Eng. Abstr.) **(Jpn)**

[Changes of peripheral lymphocyte subsets in patients with oral squamous carcinoma] Moroyama T, et al. **Gan No Rinsho** 1985 Feb;31(2):117–21 (Eng. Abstr.) **(Jpn)**

[Various immunological parameters studied in patients with malignant brain tumor. Correlation between clinical stage and T cell subsets] Inoue I, et al. **Neurol Med Chir (Tokyo)** 1985 Mar;25(3):168–76 (Eng. Abstr.) **(Jpn)**

[Changes in lymphocyte subsets in the peripheral blood of patients with lung cancer during radiotherapy––analysis with flow–cytometry. (2. On the changes with the effects of radiotherapy] Inomata T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1068–78 (Eng. Abstr.) **(Jpn)**

[Changes in lymphocyte subsets in the peripheral blood of patients with lung cancer during radiotherapy––analysis with flow–cytometry. (1. On the total changes] Inomata T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20; 19(5):1055–67 (Eng. Abstr.) **(Jpn)**

[Flow–cytometric analysis of changes of lymphocyte subsets in the blood of cancer patients during radiotherapy. 4. Special reference to OKT8+–lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jun 20;19(5):1041–8 (Eng. Abstr.) **(Jpn)**

[Lymphocyte subsets and immunoglobulins in patients with Behçet disease] Sunakawa M, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):688–91 (Eng. Abstr.) **(Jpn)**

[T cell subsets and nuclear contour index of skin–infiltrating T cells in mycosis fungoides and Sézary syndrome] Iwahara K. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1499–507 **(Jpn)**

[A comparative study of idiopathic mucinosis follicularis and a symptomatic type associated with mycosis fungoides––with an observation on T cell subsets] Sudo S, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):681–94 **(Jpn)**

[Study of T cell subsets in various forms of renal disease in childhood] Shimakura Y. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):195–207 (Eng. Abstr.) **(Jpn)**

[Immunological studies on diffuse panbronchiolitis––analysis of T lymphocyte subsets by monoclonal antibodies] Yoshimura K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):992–9 (Eng. Abstr.) **(Jpn)**

[Intrahepatic T cell subsets in patients with fulminant hepatitis] Kumon I, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Dec;81(12):3040 **(Jpn)**

[T cell subsets in liver biopsy specimens of patients with chronic hepatitis] Morimoto H. **Nippon Shokakibyo Gakkai Zasshi** 1984 Nov; 81(11):2748-53 (Eng. Abstr.) **(Jpn)**

[Immunological monitoring of brain tumors--prognosis based on T-lymphocyte subpopulations and skin testing for delayed hypersensitivity] Yokoyama H, et al. **No To Shinkei** 1985 Feb;37(2):193-9 (Eng. Abstr.) **(Jpn)**

[Adult T-cell leukemia with OKT4 and OKT8 subsets] Natori H, et al. **Rinsho Ketsueki** 1985 Jan;26(1):52-7 (Eng. Abstr.) **(Jpn)**

[Identification of human T lymphocytes subsets by KOLT-1 monoclonal antibody] Okubo K, et al. **Rinsho Ketsueki** 1985 Mar;26(3):341-8 (Eng. Abstr.) **(Jpn)**

[Immunohistological studies on T lymphocyte subsets of the salivary glands in Sjögren's syndrome] Takaya M, et al. **Ryumachi** 1984 Aug;24(4):250-5 (Eng. Abstr.) **(Jpn)**

[Quantitative evaluation of T and B lymphocytes in the peripheral blood of newborn infants with infections] Godula-Stuglik U, et al. **Pediatr Pol** 1984 Jun;59(6):443-8 (Eng. Abstr.) **(Pol)**

[T-lymphocyte subpopulations in sarcoidosis] Gergert VIa, et al. **Probl Tuberk** 1984 Sep;(9):65-9 (Eng. Abstr.) **(Rus)**

[T-lymphocyte subpopulations in hemophiliacs and other groups at risk for the acquired immunodeficiency syndrome (AIDS)] Gallart T. **Med Clin (Barc)** 1984 Oct 20; 83(12):492-6 (50 ref.) **(Spa)**

[Lymphocyte subpopulations in hemophilia A and B] Ollero M, et al. **Med Clin (Barc)** 1984 Oct 20;83(12):479-81 (Eng. Abstr.) **(Spa)**

[Value of T-lymphocyte subpopulations in dilated myocardiopathy (letter)] Pallarés C, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):336-7 **(Spa)**

[Acquired immunodeficiency syndrome. Clinical data and immunologic studies on 9 patients examined in Mexico] Abud-Mendoza C, et al. **Rev Invest Clin** 1984 Oct-Dec; 36(4):311-9 (Eng. Abstr.) **(Spa)**

[Functional activity of thymic subpopulations] Gómez de la Concha E, et al. **Sangre (Barc)** 1984;29(4-C):724-30 (41 ref.) **(Spa)**

CYTOLOGY

Isolation studies--intestinal T lymphocytes. Selby WS. **Acta Chir Scand [Suppl]** 1985;525:45-53

Nodular alteration of the paracortical area. An in situ immunohistochemical analysis of primary, secondary, and tertiary T-nodules. van den Oord JJ, et al **Am J Pathol** 1985 Jul;120(1):55-66

Lack of association between morphology and T-cell ALL in children. Letvak L, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):327-9

Effects of bovine viral diarrhea virus on the percentages and absolute numbers of circulating B and T lymphocytes in cattle. Bolin SR, et al. **Am J Vet Res** 1985 Apr;46(4):884-6

Electrophoretic mobilities and levels of T and B lymphocytes in human pregnancy. Knippel E, et al. **Arch Gynecol** 1984; 236(2):61-7

Electrophoretic mobility of leukocytes in leukemia patients. Hołowiecki J, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(2):161-5

Thymic microenvironment. Crouse DA, et al. **Bibl Haematol** 1984;(48):293-320 (120 ref.)

Inhibition of cell proliferation by polyamines does not depend on the cytotoxicity of acrolein. Smith CJ, et al. **Biochem Soc Trans** 1985 Apr;13(2):326-9

A study on the amount of high-mobility-group chromatin proteins in T-cells at different stages of differentiation. Russanova VR, et al. **Biochim Biophys Acta** 1985 Aug 21; 825(4):405-10

Characterization of circulating T-lymphocyte subsets in alcoholic liver disease by monoclonal antibodies: correlation with the absolute lymphocyte count. Chelazzi G, et al. **Boll Ist Sieroter Milan** 1985;64(2):131-4

Human placental Hofbauer cells promote mitogen induced T cell proliferation. Zaccheo D, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1879-84

Regulation of reticulum cell sarcoma tumor growth in SJL/J mice by a serum inhibitor affecting T-cell proliferation. Sakano T, et al. **Cancer Res** 1985 Apr;45(4):1573-8

Possible role of sialic acid and endogenous neuraminidase in T-cell proliferation. Stancou R, et al. **Cell Biol Int Rep** 1984 Aug;8(8):637-47

Characterization of normal peripheral blood T- and B-cell colony-forming cells: growth factors(s) and accessory cell requirements for their in vitro proliferation. Georgoulias V, et al. **Cell Immunol** 1985 Jan;90(1):1-13

Proliferative capabilities of T3-positive thymocytes. Musiani P, et al. **Cell Immunol** 1985 Feb;90(2):358-65

Are any functionally mature cells of medullary phenotype located in the thymus cortex? Shortman K, et al. **Cell Immunol** 1985 Jul;93(2):350-63

Localization and characterization of T-cell subpopulations and natural killer cells (HNK 1+ cells) in the human tonsilla palatina. An ultrastructural-immunocytochemical study. von Gaudecker B, et al. **Cell Tissue Res** 1984; 238(1):135-43

Correlation between tumorigenicity and banding pattern of chromosome 15 in murine T-cell leukemia cells and hybrids of normal and malignant cells. Somssich IE, et al. **Chromosoma** 1984;91(1):39-45

The origin of T cell colonies from T depleted human lymphocyte populations: analysis by limiting dilution. Lederman HM, et al. **Clin Exp Immunol** 1985 Feb; 59(2):482-90

The role of interleukin-2 in T colony formation by human pre-T cells (pTCFC). Rey A, et al. **Clin Exp Immunol** 1984 Oct;58(1):154-60

Biochemical and biological properties of interleukin-3: a lymphokine mediating the differentiation of a lineage of cells that includes prothymocytes and mastlike cells. Ihle JN. **Contemp Top Mol Immunol** 1985;10:93-119 (50 ref.)

Activation of the c-myc oncogene in B and T lymphoid tumors. Cory S, et al. **Curr Top Microbiol Immunol** 1984; 113:161-5

Effects of liposome treatment and cytoskeleton-inhibiting drugs on the capping kinetics of rabbit T lymphocytes at various stages of differentiation. Roozemond RC, et al. **Eur J Cell Biol** 1984 Nov;35(2):322-6

Efficiency of antigen presentation to T cell clones by (B cell X B cell lymphoma) hybridomas correlates quantitatively with cell surface ia antigen expression. Bekkhoucha F, et al. **Eur J Immunol** 1984 Sep;14(9):807-14

Biochemical events initiated by exposure of human T lymphocyte clones to immunogenic and tolerogenic concentrations of antigen. Zanders ED, et al. **Eur J Immunol** 1985 Mar;15(3):302-5

Association of specific cell-surface glycoproteins with a triton X-100-resistant complex of plasma membrane proteins isolated from T-lymphoma cells (P1798). Hoessli D, et al. **Exp Cell Res** 1985 Jan;156(1):239-50

T cell and T cell subset determination in normal peripheral blood: comparison of the indirect immunofluorescence and lymphocytotoxicity techniques. Patel R, et al. **Experientia** 1984 Dec 15;40(12):1412-3

A T lymphocyte-derived differentiation-inducing factor for myeloid leukemia cells: purification and characterization. Olsson I, et al. **Hamatol Bluttransfus** 1985;29:423-5

Thymus-recruited peritoneal exudate T lymphocytes. Koga Y, et al. **Immunobiology** 1984 Dec;167(5):495-505

Interleukin 2-dependent T cell line acquires responsiveness to phorbol myristate acetate and lipopolysaccharide in the course of long-term culture. Mukaida N, et al. **Immunol Commun** 1984;13(5):475-86

Control of human T-colony formation by interleukin-2. Jourdan M, et al. **Immunology** 1985 Feb;54(2):249-53

T-lymphocyte progenitors in man: phenotypic characterization of blood and bone marrow T-colony forming cells. Triebel F, et al. **Immunology** 1985 Feb; 54(2):241-7

Effect of leprosy sera and foetal calf serum (FCS) on the T cell number of peripheral blood of leprosy patients. Patil SA, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):784-91

Use of the T lymphocyte colony-forming assay to study human lymphocyte interactions. Ridley MB, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):284-6

Clonal analysis of T lymphocytes isolated from ovarian carcinoma ascitic fluid. Phenotypic and functional characterization of T-cell clones capable of lysing autologous carcinoma cells. Ferrini S, et al. **Int J Cancer** 1985 Sep 15;36(3):337-43

Depletion of T-lymphocyte subsets using monoclonal antibody and complement: effect on T-colony formation. McCluskey DR, et al. **Int J Cell Cloning** 1984 Sep; 2(5):296-303

Regulatory roles of T mu and T gamma cells in the collaborative cellular initiation of the extrinsic coagulation pathway by bacterial lipopolysaccharide. Levy GA, et al. **J Clin Invest** 1985 Aug;76(2):548-55

Early T lymphocytes. Differentiation in vivo of adult intrathymic precursor cells. Fowlkes BJ, et al. **J Exp Med** 1985 Sep 1;162(3):802-22

Preferential generation of human T cell hybrids with a tetraploid fusion partner. Berger AE, et al. **J Immunol** 1985 Sep;135(3):1792-9

Interleukin 2 (IL 2) administered in vivo: influence of IL 2 route and timing on T cell growth. Cheever MA, et al. **J Immunol** 1985 Jun;134(6):3895-900

Lymphokine-like activity of 8-mercaptoguanosine: induction of T and B cell differentiation. Feldbush TL, et al. **J Immunol** 1985 May;134(5):3204-11

Intrathymic T cell differentiation in radiation bone marrow chimeras and its role in T cell emigration to the spleen. An immunohistochemical study. Hirokawa K, et al. **J Immunol** 1985 Jun;134(6):3615-24

Agar human T cell colony growth promoted by a B + null cell-derived lymphokine distinct from IL 2. Mossalayi MD, et al. **J Immunol** 1985 Apr;134(4):2400-4

Identification of early stages of T lymphocyte development in the thymus cortex and medulla. Scollay R, et al. **J Immunol** 1985 Jun;134(6):3632-42

Removal of rat dendritic cells from single cell suspensions by passage through columns of Sephadex G-10. Bowers WE, et al. **J Immunol Methods** 1984 Nov 30;74(2):317-25

Human blood B lymphocytes with receptors for sheep erythrocytes--their relevance in techniques to obtain T cells depleted of mature B cells. Lobo PI. **J Immunol Methods** 1984 Nov 16;74(1):105-13

Rapid generation of human T cell hybridomas. Mayer L, et al. **J Immunol Methods** 1985 Aug 2;81(2):271-81

Control of in vitro lymphocyte proliferation by copper, magnesium and zinc deficiency. Flynn A. **J Nutr** 1984 Nov; 114(11):2034-42

Phenotypic studies of cells from periodontal disease tissues. Taubman MA, et al. **J Periodont Res** 1984 Nov; 19(6):587-90

The relative roles of interleukins 1, 2, and 3 in the regulation of T cell differentiation. Ihle JN, et al. **KROC Found Ser** 1984;18:399-421 (89 ref.)

CSF findings and distribution of T and B lymphocytes in Vogt-Koyanagi-Harada disease. Shoji H, et al. **Kurume Med J** 1984;31(3):203-7

Fractionation of human lymphocytes on Helix pomatia a hemagglutinin-sepharose and wheat germ agglutinin-sepharose. Hellström U, et al. **Methods Enzymol** 1984;108:153-68

Cell separation on cellular monolayers. Mage MG. **Methods Enzymol** 1984;108:125-32

Use of antisera and complement for the purification of lymphocyte subpopulations. Shen FW. **Methods Enzymol** 1984;108:249-53

Elimination of specific immunoreactive T lymphocytes with 5-bromodeoxyuridine and light. Shevach EM. **Methods Enzymol** 1984;108:262-70

T lymphocyte subsets in osteoporosis. Effect of 1-alpha hydroxyvitamin D3. Fujita T, et al. **Miner Electrolyte Metab** 1984;10(6):375-8

Control of T-cell development [news] Scollay R. **Nature** 1985 Mar 7-13;314(6006):16

Thymocyte subpopulation enriched for progenitors with an unrearranged T-cell receptor beta-chain gene. Trowbridge IS, et al. **Nature** 1985 Jun 20-26;315(6021):666-9

Analysis of the effect of L-asparaginase on the cell cycle of leukemic T-cells by flow cytometry. Takase K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):159-63

Regulation of T-cell receptor gene expression in human T-cell development. Collins MK, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4503-7

Expression of cell-cycle-dependent genes in phytohemagglutinin-stimulated human lymphocytes. Kaczmarek L, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(16):5375-9

Effects of different anti-rejection treatments on lymphocyte subsets in renal transplantation. Egidi F, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):341-5

Evaluation of lymphocyte subpopulations with monoclonal antibodies in five psoriatic patients treated with etretinate. Lazzini C, et al. **Ric Clin Lab** 1984 Jul-Sep;14(3):323-5

Establishment of a long-term cultured suppressor T-cell line specific for guanosine. Imai Y, et al. **Scand J Immunol** 1984 Dec;20(6):543-9

Phenotypic and functional properties of mouse and human thymocytes. Ceredig R, et al. **Semin Hematol** 1984 Oct; 21(4):244-56 (84 ref.)

The prothymocyte: cellular and molecular biology. Boyse EA. **Surv Immunol Res** 1985;4(1):6-10

Intrathymic differentiation: some unanswered questions. Ceredig R, et al. **Surv Immunol Res** 1985;4(2):87-95 (41 ref.)

Intrathymic differentiation: thymocyte heterogeneity and the characterization of early T-cell precursors. Fowlkes BJ, et al. **Surv Immunol Res** 1985;4(2):96-109 (44 ref.)

Phenotyping the prothymocyte. Silverstone AE, et al. **Surv Immunol Res** 1985;4(1):11-8 (53 ref.)

The prothymocyte revisited. Silverstone AE. **Surv Immunol Res** 1985;4(1):1-5

The determinants of T-cell growth. Smith KA. **Symp Fundam Cancer Res** 1984;37:185-92

T-lymphocyte colony formation by thymic and peripheral lymphocytes in methylcellulose culture. Röpke C, et al. **Thymus** 1985;7(1):49-63

Biological and clinical properties of THF. Trainin N, et al. **Thymus** 1985;7(3):137-50

T cell subset analysis and immune monitoring of kidney transplant recipients experiencing reversal or nonreversal of steroid-resistant rejection by plasma leukapheresis. Pennline KJ, et al. **Transplant Proc** 1984 Dec;16(6):1550-4

Immunohistological analysis of serial biopsies taken during human renal allograft rejection. Changing profile of infiltrating cells and activation of the coagulation system. Hancock WW, et al. **Transplantation** 1985 Apr;39(4):430-8

Quantitation of T lymphocytes in human bone marrow by a limiting dilution assay. Kernan NA, et al. **Transplantation** 1985 Sep;40(3):317-22

Characterization of the inflammatory cells in progressing tumor-like alveolar hydatid cysts: 1. Kinetics and composition of inflammatory infiltrates. Treves S, et al. **Tropenmed Parasitol** 1984 Sep;35(3):183-8

The Omenn's syndrome: histological, immunohistochemical and ultrastructural evidence for a partial T cell deficiency evolving in an abnormal proliferation of T lymphocytes and S-100 +/T-6 + Langerhans-like cells. Ruco LP, et al. **Virchows Arch** [A] 1985;407(1):69-82

[Lymphoid composition: identification and characterization of t-lymphocyte sub-populations] Boniver J, et al. **Rev Med Brux** 1985 Apr;6(4):217-20 (Eng. Abstr.) **(Fre)**

[Determination of B and T lymphocytes in cattle and swine] Müller G. **Arch Exp Veterinarmed** 1984 Jul;38(4):555-63 (Eng. Abstr.) **(Ger)**

[T lymphocyte picture in the 'eye' of B lymphocytes, or the utilization of antibodies in studies on the maturation, variability, function and specificity of differentiating cells in the thymus gland] Kisielow P. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):577-99 (134 ref.) (Eng. Abstr.) **(Pol)**

[Study of biology of T cells using monoclonal antibodies. III. Differentiation, maturation and distribution of T lymphocytes in lymphoid tissues studied with monoclonal antibodies] Rupniewska ZM. **Przegl Lek** 1984; 41(11):667-72 (31 ref.) **(Pol)**

[T colonies in vitro cultures of normal and leukemic lymphocytes. The effect of L-asparaginase on the formation of these colonies] Astaldi G, et al. **Rev Med Interna [Med Interna]** 1984 Nov-Dec; 36(6):559-64 (Eng. Abstr.) **(Rum)**

[Effect of T-lymphocytes on the cellular proliferation of the salivary glands in rats and mice exposed to isoproterenol] Dontsov VI. **Biull Eksp Biol Med** 1985 Jul;100(7):65-8 (Eng. Abstr.) **(Rus)**

[Regulating effect of bone marrow cells on human T-lymphocyte function] Gankovskaia LV, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):462-3 (Eng. Abstr.) **(Rus)**

[Use of the physical adhesion of thymocytes to glass and cotton wool for separating cell populations] Sungurov AIu, et al. **Tsitologiia** 1984 Oct;26(10):1186-90 (Eng. Abstr.) **(Rus)**

[Changes in the lactate dehydrogenase isoenzyme spectrum during T-lymphocyte differentiation] Toporkova LB, et al. **Tsitologiia** 1985 Feb;27(2):213-5 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Alterations of T cell subpopulations in childhood lipoid nephrosis and its relation to immunosuppressive treatment. Zhou X, et al. **Acta Acad Med Wuhan** 1984;4(4):213-5

Mitogenic responses of sheep peripheral blood T-lymphocytes to PHA and LPS in a hanging drop microassay. Mlangwa JE. **Acta Vet Scand** 1984; 25(4):548-60

Effects of the H2-receptor agonist dimaprit on lymphocyte responsiveness in vitro. Binderup L. **Agents Actions** 1984 Oct;15(3-4):119-24

Influence of ceftriaxone on natural defense systems. Gialdroni Grassi G, et al. **Am J Med** 1984 Oct 19;77(4C):37-41

Glucocorticoid resistance in depression: the dexamethasone suppression test and lymphocyte sensitivity to dexamethasone. Lowy MT, et al. **Am J Psychiatry** 1984 Nov;141(11):1365-70

Modulation of T-cell subsets in asthmatic children by THF, a thymic hormone. Shohat B, et al. **Ann Allergy** 1985 Jul; 55(1):52-6

Cyclosporin A inhibits the delayed-type hypersensitivity effector function of T lymphocytes without affecting their clonal expansion. Milon G, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3):237-45

Effect of hydrazide cysteine on T cells. I. Hydrazide cysteine changes the sensitivity of murine T lymphocytes to hydrocortisone and their ability to form autologous rosettes. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):269-79

Effect of hydrazide cysteine on T cells. II. Human autologous rosette forming cells belong to two subpopulations differing with respect to the sensitivity to hydrocortisone and hydrazide cysteine. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):281-5

Effects of L-canavanine on T cells may explain the induction of systemic lupus erythematosus by alfalfa. Alcocer-Varela J, et al. **Arthritis Rheum** 1985 Jan;28(1):52-7

Co-mitogenic tumor promoters suppress the phosphatidylinositol response in lymphocytes during early mitogenesis. Mellors A, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):181-8

Use of multiple T cell-directed intact ricin immunotoxins for autologous bone marrow transplantation. Stong RC, et al. **Blood** 1985 Sep;66(3):627-35

Allogeneic bone marrow transplantation in man: in vitro activity of FTS-Zn on T-cell markers and functions. Bordigoni P, et al. **Br J Haematol** 1984 Dec;58(4):661-9

Immune modulation of a T-suppressor cell lymphoma by thymic humoral factor, a thymic hormone. Shohat B, et al. **Cancer** 1984 Nov 15;54(10):2122-6

In vitro selective effect of melphalan on human T-cell populations. Ben-Efraim S, et al. **Cancer Immunol Immunother** 1985;19(1):53-6

Determinants of deoxyadenosine toxicity in hybrids between human T- and B- lymphoblasts as a model for the development of drug resistance in T-cell acute lymphoblastic leukemia. Kurtzberg J, et al. **Cancer Res** 1985 Apr;45(4):1579-86

Metabolic basis of arabinonucleoside selectivity for human leukemic T- and B-lymphoblasts. Verhoef V, et al. **Cancer Res** 1985 Aug;45(8):3646-50

Thymus hormones do not induce proliferative ability or cytolytic function in PNA+ cortical thymocytes. Andrews P, et al. **Cell Immunol** 1985 Apr 1;91(2):455-66

Both cloned interleukin 2 and purified interleukin 1 are required for optimal growth of purified L3T4+ and Lyt 2+ lymphocytes initiated by concanavalin A. Palacios R, et al. **Cell Immunol** 1985 Sep;94(2):369-82

Effects of chromium(VI) and chromium(III) on energy charge and oxygen consumption in rat thymocytes. Lazzarini A, et al. **Chem Biol Interact** 1985 May; 53(3):273-81

Deacetyl-thymosin beta 4: synthesis and effect on the impaired peripheral T-cell subsets in patients with chronic renal failure. Abiko T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4497-505

Atopic asthma: T-cell response to corticosteroids. Gerblich A, et al. **Chest** 1985 Jan;87(1):44-50

The in vitro effect of thymic polypeptide on peripheral lymphocytes of children with respiratory diseases and a preliminary observation of its therapeutic efficacy. Li ZM, et al. **Chin Med J [Engl]** 1984 Aug;97(8):593-8

The effect of 2'deoxyguanosine on human lymphocyte responses. I. 2'deoxyguanosine enhances T lymphocyte responses. Hanglow AC, et al. **Clin Exp Immunol** 1985 Mar; 59(3):653-8

Transfer of experimental autoimmune thyroiditis to normal syngeneic mice by injection of mouse thyroglobulin-sensitized T lymphocytes after activation with concanavalin A. Okayasu I. **Clin Immunol Immunopathol** 1985 Jul;36(1):101-9

T-cell subsets in a cyclosporin-A treated recipient of cadaveric kidney allograft as defined by theophylline sensitivity and monoclonal antibodies. Shohat B, et al. **Dev Biol Stand** 1984;57:361-6

Effect of cimetidine on T lymphocytes in a patient with giant benign gastric ulcer. Shohat B, et al. **Dev Biol Stand** 1984; 57:355-60

Insulin-induced desensitization at the receptor and postreceptor level in mitogen-activated human T-lymphocytes. Ercolani L, et al. **Diabetes** 1985 Sep; 34(9):931-7

Melphalan treatment of human peripheral T cells promotes Ig production by B cells in vitro. Baral E, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):81-4

Tumor promoter phorbol esters induce unresponsiveness to antigen and expression of interleukin 2 receptor on T cells. Ando I, et al. **Eur J Immunol** 1985 Feb;15(2):196-9

Occupational exposure to benzene, toluene and xylene and the T lymphocyte functions. Moszczynsky P, et al. **Haematologia (Budap)** 1984;17(4):449-53

The differential effects of hydrocortisone on activation and tolerance induction in human T lymphocyte clones. Moss FM, et al. **Hum Immunol** 1984 Dec;11(4):259-70

Differentiation of prothymocytes induced by trypsin. Eylar EH, et al. **Immunol Commun** 1984;13(4):305-12

Lack of effect of LTB4 on human natural killer cell activity and T lymphocyte transformation. Hall TJ, et al. **Immunol Lett** 1985;9(5):255-8

The effects of indomethacin on T lymphocyte stimulation. Kingston AE, et al. **Immunol Lett** 1984;8(6):301-5

Effect of colchicine on T cell subsets of healthy volunteers. Ilfeld D, et al. **Immunology** 1984 Nov;53(3):595-8

Inhibition of T lymphocyte activation by estramustine: dose-dependent interference with IL-2 production and later proliferation events. Kalland T. **Immunopharmacology** 1985 Apr;9(2):65-71

Stimulating effect of zinc chloride on DNA synthesis of human thymocytes. Nordlind K. **Int Arch Allergy Appl Immunol** 1985;77(4):461-2

Investigation of ability of the metal allergens cobalt chloride, nickel sulfate and potassium dichromate to give a mitogenic response in human thymocytes. Nordlind K, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):330-2

Effect of cyclosporin-A (CsA) on the ability of T lymphocyte subsets to inhibit the proliferation of autologous EBV-transformed B cells. Bejarano MT, et al. **Int J Cancer** 1985 Mar 15;35(3):327-33

In vitro suppression of human lymphocyte activity by minoxidil. Galbraith GM, et al. **Int J Dermatol** 1985 May; 24(4):249-51

Effects of isoprinosine in animal models of depressed T-cell function. Binderup L. **Int J Immunopharmacol** 1985; 7(1):93-101

The effect of steroids on the circulating lymphocyte population--VI. Studies of the thoracic duct T- and B-lymphocyte populations after neonatal thymectomy and prednisolone treatment. An immunofluorescence study in the rat. Hedman LA, et al. **Int J Immunopharmacol** 1984; 6(4):357-63

Cyclosporin A inhibits helper/inducer surface antigen expression on activated human lymphocytes. Marder P, et al. **Int J Immunopharmacol** 1985;7(2):165-75

Inhibition of the antigen activated T cell response by methylprednisolone is caused by inhibition of interleukin-2 (IL-2) production. Randazzo B, et al. **Int J Immunopharmacol** 1984;6(5):419-23

Production of and response to interleukin-2 by cultured T cells: effects of lithium chloride and other putative modulators. Kishter S, et al. **J Biol Response Mod** 1985 Apr;4(2):185-94

2'-deoxyguanosine toxicity for B and mature T lymphoid cell lines is mediated by guanine ribonucleotide accumulation. Sidi Y, et al. **J Clin Invest** 1984 Nov; 74(5):1640-8

The in vivo regulation of splenic T cell population by the prostaglandin-mediated system. Taniguchi K, et al. **J Clin Lab Immunol** 1984 Aug;14(4):195-203

Mechanism of action of Cyclosporin A: inhibition of lymphokine secretion studied with antigen-stimulated T cell hybridomas. Kaufmann Y, et al. **J Immunol** 1984 Dec; 133(6):3107-11

Circulating T-cell subpopulations in lithium-associated granulocytosis. Crockard AD, et al. **J Immunopharmacol** 1984;6(3):215-26

Lymphocyte subpopulations in gastric disease; effect of histamine and cimetidine on immunoregulatory T cell subsets. Raptopoulou-Gigi M, et al. **J Immunopharmacol** 1984;6(3):173-83

Alteration of lymphocyte functions by 8-methoxypsoralen and longwave ultraviolet radiation. I. Suppressive effects of PUVA on T-lymphocyte migration in vitro. Okamoto H, et al. **J Invest Dermatol** 1985 Mar;84(3):203-5

Influence of ethanol on human T-lymphocyte migration. Kaelin RM, et al. **J Lab Clin Med** 1984 Nov;104(5):752-60

The effect of biotin on the formation of different types of E-rosettes by human lymphocytes. Petrelli F, et al. **J Leukocyte Biol** 1985 May;37(5):503-9

Relationship between lymphocytic cytotoxicity and phytohemagglutinin-induced lymphoblastogenesis before and after surgical tumor excision: an experimental study. Yamamoto S, et al. **J Surg Oncol** 1985 Jan;28(1):42-9

Thalidomide induces imbalances in T-lymphocyte sub-populations in the circulating blood of healthy males. Gad SM, et al. **Lepr Rev** 1985 Mar;56(1):35-9

The molecular basis for the differential sensitivity of B and T lymphocytes to growth inhibition by thymidine and 5-fluorouracil. el-Assouli SM. **Leuk Res** 1985;9(3):391-8

1,25-Dihydroxyvitamin D3 regulates proliferation of activated T-lymphocyte subsets. Matsui T, et al. **Life Sci** 1985 Jul 8;37(1):95-101

Third French Workshop on interleukin 2: joint report. Jacques Y, et al. **Lymphokine Res** 1985 Spring;4(2):159-67

Chemical identification of a prostaglandin-induced T suppressor (PITS). Webb DR, et al. **Lymphokine Res** 1985 Spring;4(2):139-49

Disappearance of terminal deoxynucleotidyltransferase in human malignant T-lymphoblasts treated with a human alpha interferon preparation. Takano S, et al. **Microbiol Immunol** 1984;28(10):1111-5

Effect of cyclosporin A on natural killer cells' response during viral infections. Gaeta A, et al. **Microbiologica** 1985 Jul;8(3):225-32

Somatic gene mutations in vivo as indicated by the 6-thioguanine-resistant T-lymphocytes in human blood. Albertini RJ. **Mutat Res** 1985 Jun-Jul;150(1-2):411-22

A method to quantify spontaneous and in vivo induced thioguanine-resistant mouse lymphocytes. Jones IM, et al. **Mutat Res** 1985 Jun;147(3):97-105

Phytohemagglutinin-induced human T-lymphocyte colonies: cellular and T-cell growth factor requirements are the same as for suspension culture growth. Ruscetti FW. **Nat Immun Cell Growth Regul** 1983-84;3(2):102-12

Effect of methionine-enkephalin plus ZnCl2 on active T cell rosettes. Murgo AJ, et al. **Neuropeptides** 1985 Feb; 5(4-6):367-70

Altered distribution of T lymphocyte subsets in lithium-treated patients. Wahlin A, et al. **Neuropsychobiology** 1984;11(4):243-6

Selective action of cyclophosphamide on T and B cell activity. Sigel MM, et al. **Prog Clin Biol Res** 1984;161:241-8

T-lymphocyte behaviour modification in vitro by cancer patient sera. Santamaría M, et al. **Rev Esp Fisiol** 1985 Jun; 41(2):221-3

Participation of cyclophosphamide-resistant T cells in murine lymphocytic choriomeningitis. Doherty PC, et al. **Scand J Immunol** 1985 Feb;21(2):127-32

Glucocorticoids enhance the in vitro Ig synthesis of pokeweed mitogen-stimulated human B cells by inhibiting the suppressive effect of T8+ T cells. Paavonen T. **Scand J Immunol** 1985 Jan;21(1):63-71

Different response of mouse thymocyte subpopulations to interleukin 2 and concanavalin A. Nishimura T, et al. **Thymus** 1984;6(4):235-42

Mitogenic effect of IL 2 on non-thymic and thymic lymphocytes of the mouse. Nishimura T, et al. **Thymus** 1984;6(4):225-33

The effect of cyclosporin A on pulmonary fibrosis induced by butylated hydroxytoluene, bleomycin and beryllium sulfate. Sendelbach LE, et al. **Toxicol Lett** 1985 Aug; 26(2-3):169-73

Inhibition of human T lymphocyte proliferation in vitro by commercial factor VIII concentrates. Wang Y, et al. **Vox Sang** 1985;48(6):343-9

[Changes in the white blood picture and the T- and B-lymphocyte counts in the peripheral blood of pigs after treatment with E. coli endotoxin] Andonova M, et al. **Vet Med Nauki** 1984;21(6):101-6 (Eng. Abstr.) **(Bul)**

[Effect of beta-adrenergic mimetics and histamine on the capacity of T-lymphocytes from asthmatic patients and healthy persons to form E-rosettes] Kosturkov G, et al. **Vutr Boles** 1984;23(5):86-91 (Eng. Abstr.) **(Bul)**

[Effect of 'si jun zi tang' on nucleic acid contents of the thymus gland and T lymphocytes in the peripheral circulation] Li QL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):366-7 (Eng. Abstr.) **(Chi)**

[Influence on immune function parameters in histiocytosis-X of thymostimulin] Eckstein R, et al. **Arzneimittelforsch** 1985;35(1):155-62 (Eng. Abstr.) **(Ger)**

[Evaluation of lymphocyte subpopulations using monoclonal antibodies in patients with rheumatoid arthritis undergoing treatment with a new gold salt (auranofin)] Di Matteo L, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):777-81 (Eng. Abstr.) **(Ita)**

[Effect of anti-inflammatory drugs on transformation of human T-lymphocytes to blast-like cells induced by PHA and on one-way mixed lymphocyte reaction] Oshizawa T, et al. **Eisei Shikenjo Hokoku** 1984;(102):36-9 (Eng. Abstr.) **(Jpn)**

[Immunological study on localized intrahepatic injection of Adriamycin--experimental study in rats] Takada T, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):907-12 (Eng. Abstr.) **(Jpn)**

[Effect of traxanox on antibody formation in BALB/c mice] Hisadome M, et al. **Nippon Yakurigaku Zasshi** 1984 Jun; 83(6):497-505 (Eng. Abstr.) **(Jpn)**

[Receptors for lactoferrin on human thymic lymphocytes. The stimulation of expression as affected by adenosine, theophylline and a supernatant of thymic lymphocytes] Gneditskaia EV, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):586-9 (Eng. Abstr.) **(Rus)**

[Sensitivity of the splenic immunocompetent cells of mice with different genotypes to the action of alkylating agents] Pevnitskiĭ LA, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):213-5 (Eng. Abstr.) **(Rus)**

[Determination of the antihistaminic properties of histidine derivatives on models of guinea pig T- and B-lymphocyte rosette formation] Sharpan' IuV. **Biull Eksp Biol Med** 1984 Oct;98(10):503-5 (Eng. Abstr.) **(Rus)**

[Vitamin A stimulates the immune response to thymus-dependent antigens and increases the activity of natural killers] Pletsityĭ KD, et al.
Dokl Akad Nauk SSSR 1984;278(4):1017-9 **(Rus)**

[Autoradiographic study of the lymphocytotropic function of the low-molecular thymus humoral factor LSS in thymectomized and thymsplenectomized mice] Giriavenko EIa, et al. **Fiziol Zh** 1985 May-Jun;31(3):349-52 **(Rus)**

[Increased sensitivity of E-rosette-forming blood lymphocytes to histamine in human T-immunodeficient states] Giulling EV, et al. **Fiziol Zh** 1984 Nov-Dec; 30(6):740-3 **(Rus)**

[Effect of different immunomodulators on the subpopulations of immunocompetent cells. The immunomodulating therapy of respiratory diseases] Sil'vestrov VP, et al.
Ter Arkh 1985;57(1):70-5 (Eng. Abstr.) **(Rus)**

[Prediction of the effectiveness of levamisole immunotherapy by the sensitivity of blood lymphocytes to the drug] Giulling EV, et al. **Vrach Delo** 1984 Nov;(11):38-42 (Eng. Abstr.) **(Rus)**

[Effect of splenin on the blood T-lymphocyte count in workers in the manufacture of amino acids and antibiotics] Gordienko VE. **Vrach Delo** 1984 Oct;(10):101-4 (Eng. Abstr.) **(Rus)**

[Effect of type II neuroleptanalgesia on T and B lymphocytes] Pacheco M, et al.
Rev Esp Anestesiol Reanim 1984 Nov-Dec;31(6):225-8 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Dipeptidyl-amino-peptidase IV (DAP IV) activity in human T-cell subsets [letter] Dufer J, et al.
Acta Haematol (Basel) 1984;72(3):213-4

Dipeptidyl peptidase IV and alpha-naphthylacetate esterase in human T lymphocytes: cytochemical and biochemical investigations. Schön E, et al. **Acta Histochem (Jena)** 1984; 75(2):175-82

Partial purification and characterization of phospholipid N-methyltransferases from murine thymocyte microsomes. Makishima F, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):315-24

Inhibitor of 2',5'-oligoadenylate synthetase induced in human T lymphoblastoid cell line treated with deoxyadenosine, deoxycoformycin and interferon. Heike T, et al.
Biochem Biophys Res Commun 1985 Mar 29;127(3):1019-25

Dipeptidyl peptidase IV of human lymphocytes. Evidence for specific hydrolysis of glycylproline p-nitroanilide in T-lymphocytes. Schön E, et al. **Biochem J** 1984 Oct 1; 223(1):255-8

Characterization and subcellular localization of nucleotide cyclases in calf thymus lymphocytes. Kaever V, et al.
Biochim Biophys Acta 1984 Sep 19;776(1):133-43

Characterization of an arachidonic acid-selective acyl-CoA synthetase from murine T lymphocytes. Taylor AS, et al.
Biochim Biophys Acta 1985 Feb 8;833(2):229-38

The dipeptidyl peptidase IV, a membrane enzyme involved in the proliferation of T lymphocytes. Schön E, et al.
Biomed Biochim Acta 1985;44(2):K9-15

The activities of enzymes of purine metabolism in murine thymus dependent lymphocytes. Sidi Y, et al.
Biomed Pharmacother 1984;38(9-10):455-8

Decreased 5' nucleotidase activity in lymphocytes from asymptomatic sexually active homosexual men and patients with the acquired immune deficiency syndrome. Murray JL, et al. **Blood** 1984 Nov;64(5):1016-21

Lack of correlation between two markers of lymphocyte differentiation: 5' nucleotidase activity and T lymphocyte colony formation. Freeman LA, et al. **Blut** 1984 Nov; 49(5):389-93

Dipeptidyl peptidase IV as a new surface marker for a subpopulation of human T-lymphocytes. Mentlein R, et al. **Cell Immunol** 1984 Nov;89(1):11-9

Cytidine deaminase activity of human normal and malignant lymphoid cells. Pérignon JL, et al. **Clin Chim Acta** 1985 Apr 15;147(2):67-74

DNA ligases as markers of lymphoid cell maturation and heterogeneity in the chicken. David JC, et al.
Eur J Immunol 1985 Jan;15(1):77-82

Fine specificity analysis of lactate dehydrogenase B-specific proliferating T cell clones: implications for the mechanism of alloreactivity. Nagy ZA, et al. **Eur J Immunol** 1985 Aug; 15(8):814-21

Beta-glucuronidase activity in human T and B lymphocytes and the Tmu and T gamma subpopulations. Orye E, et al. **Histochemistry** 1984;81(3):287-90

Activation of T lymphocytes results in an increase in H-2-encoded neuraminidase. Landolfi NF, et al.
Immunogenetics 1985;22(2):159-67

Distribution of acid alpha-naphthyl acetate esterase among human T lymphocyte subsets. Facchini A, et al.
Immunol Lett 1984;8(4):207-10

LDH isoenzyme distribution in human T gamma lymphocytes. Plum J, et al. **Immunol Lett** 1984;8(4):153-8

T-lymphoblast-specific nucleoside kinase: characterization and comparison with deoxycytidine kinase. Yamada Y, et al. **Int J Biochem** 1985;17(3):425-8

Evidence for distinct catabolic pathways for deoxy-GTP and GTP in purine-nucleoside phosphorylase-deficient mouse T lymphoblasts. Barankiewicz J, et al. **J Biol Chem** 1985 Apr 25;260(8):4565-7

Characterization of distinct tyrosine-specific protein kinases in B and T lymphocytes. Earp HS, et al. **J Biol Chem** 1985 Apr 10;260(7):4351-6

Secretion of an articular cartilage proteoglycan-degrading enzyme activity by murine T lymphocytes in vitro. Kammer GM, et al. **J Clin Invest** 1985 Aug;76(2):395-402

Ecto-5'-nucleotidase can provide the total purine requirements of mitogen-stimulated human T cells and rapidly dividing human B lymphoblastoid cells. Thompson LF. **J Immunol** 1985 Jun;134(6):3794-7

Effects of antileukemic agents on the activity of terminal deoxynucleotidyl transferase from human normal thymic and leukemic cells 'in vitro'. Rusquet R, et al.
Leuk Res 1985;9(7):859-67

Alterations of the hprt gene in human in vivo-derived 6-thioguanine-resistant T lymphocytes. Albertini RJ, et al.
Nature 1985 Jul 25-31;316(6026):369-71

In situ identification of T lymphocytes in polymorphic light eruption. Horkay I, et al. **Photodermatol** 1984 Oct; 1(5):250-2

Age-associated changes in content of cyclic adenosine-3', 5'-monophosphate (cAMP), cyclic guanosine-3',5'-monophosphate (cGMP) and in activity of phosphodiesterase-cAM (pDE-cAM) in spleen T-lymphocytes from C3HA mice. Kostromin AP, et al. **ZFA** 1984 Nov-Dec;39(6):351-5

[Preliminary observation on the activity of T lymphocyte acid alpha-naphthyl acetate esterase in the blood of patients with schistosomiasis japonica] Fu CE, et al.
Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih 1984;2(3):161-3 (Eng. Abstr.) **(Chi)**

[Detection of T lymphocytes with acid alpha-naphthyl acetate esterase. Specificity and use in pleural effusions] Eckert H, et al. **Z Erkr Atmungsorgane** 1984;163(1):49-53 (Eng. Abstr.) **(Ger)**

[Effect of thymic hormonal factors on the serine protease activity of splenic and thymic lymphocytes] Vaniurikhina LT, et al. **Vrach Delo** 1984 Nov;(11):71-3 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Ontogeny of human T and B lymphocytes during stressed and normal gestation: phenotypic analysis of umbilical cord lymphocytes from term and preterm infants. Wilson M, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):1-12

Guinea pig T lymphocyte development analyzed by enzyme histocytochemistry, monoclonal antibodies, and flow cytometry. Elias JM, et al. **Lab Invest** 1985 Mar;52(3):270-7

Induction of postthymic T-cell maturation by thymic humoral factor(s) derived from a tumor cell of thymic epithelial origin. Koninkx JF, et al. **Thymus** 1984; 6(6):395-409

IMMUNOLOGY

Human immunoregulation. An overview. Ceuppens JL.
Acta Clin Belg 1984;39(4):210-27 (93 ref.)

T lymphocyte study in sickle cell anaemia by means of rosetting techniques [letter] Hernández P, et al.
Acta Haematol (Basel) 1985;73(1):59-60

Concentration-dependent effects of mycobacteria on the stimulation of murine T-cell clones. Kingston AE, et al.
Acta Leprol (Geneve) 1984 Oct-Dec;(95):369-77

Influenza virus hemagglutinin-binding T cells in delayed hypersensitivity induced in mice. Ochalek T, et al.
Acta Microbiol Pol 1985;34(2):155-8

T-cell subsets in multiple sclerosis: relationships between peripheral blood and cerebrospinal fluid. Zaffaroni M, et al. **Acta Neurol Scand** 1985 Mar;71(3):242-8

Immunological and biochemical properties of tonsillar lymphocytes. Sugiyama M, et al.
Acta Otolaryngol [Suppl] (Stockh) 1984;416:45-55

The effect of tonsillar T cell subpopulations in antigen-specific lymphocyte proliferative response. Evidence of T cell suppression. Takenaka H, et al.
Acta Otolaryngol [Suppl] (Stockh) 1984;416:38-44

Analysis of lymphocytes in tonsils and blood from patients with chronic tonsillitis. Plum J, et al.
Acta Otorhinolaryngol Belg 1984;38(6):632-7

Acute infectious lymphocytosis: phenotype of the proliferating cell. Bertotto A, et al. **Acta Paediatr Scand** 1985 Jul;74(4):633-5

Monocyte/T-cell interactions in Con A induced suppressor activity. Davidsen B, et al.
Acta Pathol Microbiol Immunol Scand [C] 1984 Jun; 92(3):173-80

Effects of anti-T lymphocyte serum on immunological reactivity and on the T cell area of the cloacal bursa in the chicken. Naukkarinen A, et al.
Acta Pathol Microbiol Immunol Scand [C] 1984 Jun; 92(3):145-51

Effects of anti-macrophage serum on immunological reactivity and on the T cell area of the cloacal bursa in the chicken. Naukkarinen A, et al.
Acta Pathol Microbiol Immunol Scand [C] 1984 Aug; 92(4):201-5

A standardized human T-lymphocyte proliferation assay for detecting soluble accessory factors from monocytes. II. Interleukin-1 production and detection. Remvig L, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Apr; 93(2):91-6

Sheep peripheral blood-T-lymphocytes: isolation, separation and surface receptors for Helix pomatia agglutinin and peanut agglutinin from Arachis hypogaea. Mlangwa JE. **Acta Vet Scand** 1984;25(4):536-47

Virus-induced decrease in the activity of serum blocking factor(s): a mechanism of activation of the autoreactive T effectors in graft versus host reaction and of controlling T suppressors. Khozinsky VV, et al. **Acta Virol (Praha)** 1985 Jan;29(1):35-43

Immunological surveillance of tumors in the context of major histocompatibility complex restriction of T cell function. Doherty PC, et al. **Adv Cancer Res** 1984;42:1-65 (418 ref.)

Contrasuppression: the second law of thymodynamics, revisited. Green DR, et al. **Adv Cancer Res** 1984;42:277-335 (188 ref.)

Human T-cell leukemia virus: its discovery and role in leukemogenesis and immunosuppression. Shaw GM, et al.
Adv Intern Med 1984;30:1-27 (105 ref.)

Clinical disorders associated with T cell subset abnormalities. Siegel RL. **Adv Pediatr** 1984;31:447-80

Effect of thymosin on T-lymphocyte rosette formation in Nigerian patients with different types of cancer. Olusi SO, et al. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):103-9

Cellular immune functions, endorphins, and alcohol consumption in males. Watson RR, et al.
Alcoholism (NY) 1985 May-Jun;9(3):248-54

Mechanism of suppression of the depressed lymphocyte response in lung cancer patients. Alberola V, et al.
Allergol Immunopathol (Madr) 1985 May-Jun;13(3):213-9

PHA reactivity of spontaneous AKR lymphomas: absolute macrophage requirement. Alonso MC, et al.
Allergol Immunopathol (Madr) 1984 Sep-Oct;12(5):363-7

A simultaneous assay for T-cells and B-cells using Immunobeads. Baran MM, et al. **Am J Clin Pathol** 1985 Feb;83(2):182-9

Hairy-cell leukemia with hybrid B-T features: a study with a panel of monoclonal antibodies. Armitage RJ, et al.
Am J Hematol 1985 Apr;18(4):335-44

Interaction between a serum factor and T lymphocytes in Gaucher disease. Bassan R, et al. **Am J Hematol** 1985 Apr; 18(4):381-4

Treatment of red cell aplasia with antithymocyte globulin: repeated inductions of complete remissions in two patients. Harris SI, et al. **Am J Hematol** 1985 Oct;20(2):183-6

Successful treatment of chronic refractory pure red cell aplasia with antithymocyte globulin: correlation with in vitro erythroid culture studies. Mangan KF, et al.
Am J Hematol 1984;17(4):417-26

Association between urinary zinc excretion and lymphocyte dysfunction in patients with lung cancer. Allen JI, et al.
Am J Med 1985 Aug;79(2):209-15

Predictive factors for response to anti-thymocyte globulin in acquired aplastic anemia. Hunter RF, et al.
Am J Med 1985 Jul;79(1):73-8

Pure red cell aplasia characterized by erythropoietic maturation arrest. Response to anti-thymocyte globulin. Jacobs AD, et al. **Am J Med** 1985 Mar;78(3):515-7

Host factors in defense against fungal infections. Kirkpatrick CH. **Am J Med** 1984 Oct 30;77(4D):1-12

Infectious antecedent of immunoblastic lymphoma. Progressive immunosuppression in a patient with lymphogranuloma venereum. Senitzer D, et al.
Am J Med 1985 Jan;78(1):163-7

Implantation site in complete molar pregnancy: a study of immunologically competent cells with monoclonal antibodies. Kabawat SE, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):97-9

Significance and Biological Function of Class II MHC Molecules. Rous-Whipple Award lecture 1985. Benacerraf B. **Am J Pathol** 1985 Sep;120(3):334-43

SIg-E- ('null-cell') non-Hodgkin's lymphomas. Multiparametric determination of their B- or T-cell lineage. Knowles DM 2d, et al. **Am J Pathol** 1985 Sep; 120(3):356-70

Seminal plasma abrogates the postcoital T cell response to spermatozoal histocompatibility antigens. Thomas IK, et al. **Am J Reprod Immunol** 1984 Dec;6(4):185-9

Experimental porcine eperythrozoonosis: T-lymphocyte suppression and misdirected immune responses. Zachary JF, et al. **Am J Vet Res** 1985 Apr;46(4):821-30

Ia-like antigens on T-cells and their subpopulations in pulmonary sarcoidosis and in hypersensitivity pneumonitis. Analysis of bronchoalveolar and blood lymphocytes

Costabel U, et al. **Am Rev Respir Dis** 1985 Mar;131(3):337-42

Immunoregulation in hypersensitivity pneumonitis: phenotypic and functional studies of bronchoalveolar lavage lymphocytes. Keller RH, et al. **Am Rev Respir Dis** 1984 Nov;130(5):766-71

Cellular and T-lymphocyte subpopulation profiles in bronchoalveolar lavage fluid from patients with acquired immunodeficiency syndrome and pneumonitis. Wallace JM, et al. **Am Rev Respir Dis** 1984 Nov;130(5):786-90

MHC restriction in T/B cell collaboration: is the controversy settled? Coutinho A. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):71-3

Genetic selection for antibody responsiveness in mice: further evidence for inverse modification of macrophage catabolic activity without alteration of the expression of T-cell-mediated immunity. Mouton D, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):173-86

A synaptic basis for T-lymphocyte activation. Norcross MA. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):113-34 (62 ref.)

T/B collaboration in vivo vs. in vitro. Sprent J. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):98-105 (31 ref.)

Effects of T mitogens on in vivo antibody production to a T-dependent antigen in lines of mice genetically selected for high or low in vitro responsiveness to PHA. Stiffel C, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3):257-70

Human cells allosensitized in vitro release soluble suppressor factors: presence of at least two distinct factors. Bensussan A, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):211-23

Amegakaryocytic thrombocytopenic purpura treated with antithymocyte globulin [letter] Khelif A, et al. **Ann Intern Med** 1985 May;102(5):720

Immunological similarities between T lymphocytes and Purkinje cells [letter] Meyer MA. **Ann Neurol** 1984 Sep;16(3):369

Functional integrity of T, B, and natural killer cells in homosexual subjects with prodromata and in patients with AIDS. Bekesi JG, et al. **Ann NY Acad Sci** 1984;437:28-38

Human T-cell leukemia virus: transformation in vitro of nonhuman primate T-lymphocytes and experimental inoculation of nonhuman primates. Falk LA Jr, et al. **Ann NY Acad Sci** 1984;437:563-7

Characterization of antigen-specific T cells in multiple sclerosis twins with elevated responses to measles virus. Greenstein JI, et al. **Ann NY Acad Sci** 1984;436:511-2

Evaluation of leukocyte surface antigens in patients with multiple sclerosis. McFarlin DE, et al. **Ann NY Acad Sci** 1984;436:254-65

The failure of monoclonal antibody-defined lymphocyte subsets to monitor disease activity in patients with multiple sclerosis. Rice GP, et al. **Ann NY Acad Sci** 1984;436:271-80

Characterization of cerebrospinal fluid lymphocytes in multiple sclerosis. Richert JR, et al. **Ann NY Acad Sci** 1984;436:151-62

Virologic, immunologic, and epidemiologic associations with AIDS among gay males in a low incidence area. Rinaldo C, et al. **Ann NY Acad Sci** 1984;437:544-8

Further lymphocyte characterization in the central nervous system in multiple sclerosis. Traugott U, et al. **Ann NY Acad Sci** 1984;436:163-80

Immune complexes suppress cellular immunity. Virgin HW 4th, et al. **Ann NY Acad Sci** 1984;437:16-27 (31 ref.)

Lymphocyte subsets in patients with compositae oleoresin dermatitis and increased UVA sensitivity during treatment with azathioprine. Baadsgaard O, et al. **Arch Dermatol Res** 1985;277(4):304-6

Experimental allergic encephalomyelitis in the chicken. Class-specific antibody to myelin basic protein, the ability of T cells to cause GvH reaction, brain and spleen histology, and nonspecific biochemical indicators of inflammation. Blaszczyk B, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):703-9

Changes in the expression of SRBC receptors on human lymphocytes caused by azathioprine and puromycine. Drela N. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):565-76

IgM of mice infected with Mycobacterium bovis interacts selectively with T cells. Skibiński G, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):557-64

Enriched immune T cell suspension protects rabbits against infection with Treponema pallidum. Smogór W, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):685-8

Cells involved in autologous rosette formation in mice. I. Two different subpopulations of thymocytes regulating autologous rosette formation. Wieczorek Z, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):537-41

Immunotropic properties of fractions isolated from human milk. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):203-9

The effect of a proline-rich polypeptide (PRP) on the humoral immune response. I. Distinct effect of PRP on the T cell properties of mouse glass-nonadherent (NAT) and glass-adherent (GAT) thymocytes in thymectomized mice. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):191-6

Disseminated Kaposi's sarcoma without lymphocyte abnormalities. Ballard HS. **Arch Intern Med** 1985 Mar;145(3):547

Identification of lymphocyte subsets and natural killer cells in head and neck cancers. An immunohistological study using monoclonal antibodies. Harabuchi Y, et al. **Arch Otorhinolaryngol** 1985;242(1):89-97

Severe alcohol abuse and cellular immune functions. Watson RR, et al. **Ariz Med** 1984 Oct;41(10):665-8 (15 ref.)

In vitro T lymphocyte proliferative response to Yersinia enterocolitica in Reiter's syndrome [letter] Aaron S. **Arthritis Rheum** 1985 Apr;28(4):478-9

Children with rheumatic diseases and the effects of steroid pulses on T cells [letter] Myones BL, et al. **Arthritis Rheum** 1985 Apr;28(4):477

Characterization of T cells bearing HLA-DR antigens in rheumatoid arthritis. Pincus SH, et al. **Arthritis Rheum** 1985 Jan;28(1):8-15

Effect of myasthenia serum and anti-acetylcholine receptor monoclonal antibody on the distributions of T-cell subsets in myasthenia patients and normal subjects. Chiu HC, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):30-6

Immunoregulation in rheumatic fever. Hsieh KH, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):23-9

Changes in delayed-type hypersensitivity and helper function activities of T cell lines and clones during long-term culture. Kina T, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):67-73

In vitro cell-mediated immunity assay for helper or suppressor activities of human T lymphocytes. Makonkawkeyoon S, et al. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):73-6

Trypanosoma lewisi: the effect of thymectomy on the production of ablastin and the termination of the parasitaemia in infected rats. Drew PA, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):243-52

Antigen-specific response among T lymphocytes following intestinal administration of alloantigens. Husband AJ, et al. **Aust J Exp Biol Med Sci** 1984 Dec;62 (Pt 6):687-99

Production and purification of monoclonal T lymphocyte antigen binding molecules (TABM). Beaman KD, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):475-83

Production of cytotoxic factor(s) in human T cell lines transformed by a human retrovirus. Hinuma S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1052-8

1,25-Dihydroxyvitamin D3 and 1,24-dihydroxyvitamin D3 suppress in vitro antibody response to T cell-dependent antigen. Komoriya K, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):753-8

Augmentation of pokeweed mitogen-induced immunoglobulin production by cord T-cell supernatants. Brazil J, et al. **Biol Neonate** 1985;47(1):36-41

Alterations of immunologic parameters in pregnancies complicated by EPH-gestosis. Bartl W, et al. **Biol Res Pregnancy Perinatol** 1985;6(2):73-8

Induction of immunoglobulin secretion in follicular non-Hodgkin's lymphomas: role of immunoregulatory T cells. Braziel RM, et al. **Blood** 1985 Jul;66(1):128-34

Optimal elimination of leukemic T cells from human bone marrow with T101-ricin A-chain immunotoxin. Casellas P, et al. **Blood** 1985 Feb;65(2):289-97

Recovery of T cell subsets after autologous bone marrow transplantation is mainly due to proliferation of mature T cells in the graft. de Gast GC, et al. **Blood** 1985 Aug;66(2):428-31

Lymphokine abnormalities in aplastic anemia: implications for the mechanism of action of antithymocyte globulin. Gascon P, et al. **Blood** 1985 Feb;65(2):407-13

Antibody against T lymphoblastic leukemia-associated antigen (3-40) identifies vimentin and keratin intermediate filaments in normal cells. Laster AJ, et al. **Blood** 1985 Sep;66(3):642-8

Human bone marrow and peripheral blood T lymphocyte depletion: efficacy and effects of both T cells and monocytes on growth of hematopoietic progenitors. Levitt L, et al. **Blood** 1985 Mar;65(3):663-79

Quantitative assays for detection of residual T cells of T-depleted human marrow. Martin PJ, et al. **Blood** 1985 May;65(5):1134-40

Efficient transformation of previously activated and dividing T lymphocytes by human T cell leukemia-lymphoma virus. Merl S, et al. **Blood** 1984 Nov;64(5):967-74

The E rosette-associated antigen of T cells can be identified on blasts from patients with acute myeloblastic leukemia. Mirro J, et al. **Blood** 1985 Feb;65(2):363-7

T cell chronic lymphocytic leukemia with lymphocytes of unusual immunologic phenotype and function. Simpkins H, et al. **Blood** 1985 Jan;65(1):127-33

The family of human T-lymphotropic leukemia viruses: HTLV-I as the cause of adult T cell leukemia and HTLV-III as the cause of acquired immunodeficiency syndrome. Wong-Staal F, et al. **Blood** 1985 Feb;65(2):253-63 (79 ref.)

T-cell depletion of bone marrow does not inhibit in vitro hematopoiesis. Kirshner J, et al. **Blut** 1985 Apr;50(4):201-8

Treatment of multiple rejection episodes with ALG or ATGAM after cadaveric renal transplantation. Toledo-Pereya LH, et al. **Bol Asoc Med PR** 1984 Jul;76(7):293-6

Blood T and B cells in patients with acute viral hepatitis A, B and non-A non-B. Cargnel A, et al. **Boll Ist Sieroter Milan** 1982;61(5):375-82

Relevance of anti-T monoclonal antibodies in the study of children with primary immunodeficiencies. Tovo PA, et al. **Boll Ist Sieroter Milan** 1985;64(2):135-41

In vivo detection and partial characterization of effector and suppressor cell populations in spleens of mice with large metastatic fibrosarcomas. Dent LA, et al. **Br J Cancer** 1985 Apr;51(4):533-41

Specific decrease in T3 antigen density in adult T-cell leukaemia cells: I. Flow microfluorometric analysis. Tsuda H, et al. **Br J Cancer** 1984 Dec;50(6):843-5

Hapten-specific T-cell lines in guinea-pig contact sensitivity: carrier specificity and specific accumulation. Polak L, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:74-80

Immunohistological aspects of cutaneous T-cell infiltrates. Thivolet J. **Br J Dermatol** 1985 Jul;113 Suppl 28:1

Discrepancy between phenotypic and functional features of natural killer T-lymphocytes in B-cell chronic lymphocytic leukaemia. Foa R, et al. **Br J Haematol** 1984 Nov;58(3):509-16

T-cell mediated inhibition of erythropoiesis in transient erythroblastopenia of childhood [letter] Hanada T, et al. **Br J Haematol** 1985 Feb;59(2):391-2

Inverse correlation between age related abnormalities of T-cell immunity and circulating thymosin alpha 1 levels in haemophilia A. Kessler CM, et al. **Br J Haematol** 1984 Oct;58(2):325-36

Differential effect of isolated placental isoferritins on in vitro T-lymphocyte function. Matzner Y, et al. **Br J Haematol** 1985 Mar;59(3):443-8

Abnormal T lymphoproliferative disorder demonstrating in vitro suppressor and helper characteristics associated with Crohn's disease. Proctor SJ. **Br J Haematol** 1985 Apr;59(4):740-1

Lymphoid crisis with T-cell phenotypes in a patient with Philadelphia chromosome negative chronic myeloid leukaemia. Soda H, et al. **Br J Haematol** 1985 Apr;59(4):671-9

T-lymphocyte subpopulations in uveitis. Murray PI, et al. **Br J Ophthalmol** 1984 Oct;68(10):746-9

T cells and viral infections. Doherty PC. **Br Med Bull** 1985 Jan;41(1):7-14 (93 ref.)

Effects of chemotherapy on the immunological characteristics of patients with primary destructive pulmonary tuberculosis. Khomenko AG, et al. **Bull WHO** 1984;62(5):763-71

In situ study of T-cell subpopulations in cutaneous T-cell lymphoma. Diagnostic criteria. Chu A, et al. **Cancer** 1984 Dec 1;54(11):2414-22

Harnessing T-lymphocytes for human cancer immunotherapy. Hirshaut Y, et al. **Cancer** 1985 Sep 15;56(6):1366-73 (86 ref.)

Unaltered immunocompetence in patients with non-disseminated breast cancer at the time of diagnosis. Ludwig CU, et al. **Cancer** 1985 Apr 15;55(8):1673-8

A case report of T-cell lymphoma with suppressor phenotype and helper function for immunoglobulin synthesis. Oshimi K, et al. **Cancer** 1984 Nov 1;54(9):2029-31

Cell-mediated immune status in patients with squamous cell carcinoma of the oral cavity. Saranath D, et al. **Cancer** 1985 Sep 1;56(5):1062-70

Primary tissue culture of spontaneously regressing flat warts. In vitro attack by mononuclear cells against wart-derived epidermal cells. Tagami H, et al. **Cancer** 1985 May 15;55(10):2437-41

The relationship between membrane characteristics, functional reactivity of T-lymphocytes, and the progression rate of B-cell chronic lymphocytic leukemia. Vitale B, et al. **Cancer** 1985 Sep 1;56(5):1075-81

Inhibition of growth and metastasis of syngeneic transplantable tumours by an aromatic retinoic acid analogue. 2. T cell dependence of retinoid effects in vivo. Eccles SA, et al. **Cancer Immunol Immunother** 1985;19(2):115-20

In vivo assessment of tumor-induced nonspecific suppression of contact sensitivity. II. Regulation by cytokines and T cells via adoptive transfer. Garner RE, et al. **Cancer Immunol Immunother** 1984;18(2):135-7

Peripheral T gamma lymphocyte population in head and neck cancer. Hayashi Y, et al. **Cancer Immunol Immunother** 1984;17(3):160-4

T cell surface antigen expression on lymphocytes of patients with AIDS during in vitro mitogen stimulation. Munn CG, et al. **Cancer Immunol Immunother** 1984;18(3):141-8

The therapeutic significance of concomitant antitumor immunity. II. Passive transfer of concomitant immunity with Ly-1+2- T cells primes established tumors in T cell-deficient recipients for endotoxin-induced regression. North RJ. **Cancer Immunol Immunother** 1984;18(2):75-9

Immunomodulation and therapeutic characterization of thymosin fraction five. Talmadge JE, et al. **Cancer Immunol Immunother** 1984;18(3):185-94

Depression of macrophage functions and T-cell-mediated immunity to listeria infection in tumor-bearing mice and its prevention by PSK. Tsuru S, et al. **Cancer Immunol Immunother** 1984;18(3):160-3

DR antigens expressed on tumor cells do not contribute to the blastogenetic response of autologous T cells. Vánky F, et al. **Cancer Immunol Immunother** 1985;19(3):219-25

Comparison of immune status and 1,2 dimethylhydrazine induced tumorigenesis in brown--Norway and Fischer rats. Emphasis on splenic and colonic lymphocyte function. Locniskar M, et al. **Cancer Lett** 1985 Jan;25(3):311-23

Reversal of T-cell unresponsiveness by T-cell-conditioned medium in retrovirus MAV-2-O-induced immunosuppression in chickens. Böni-Schnetzler M, et al. **Cancer Res** 1985 Oct;45(10):4871-5

Production of antitumor T-cells in tumor-bearing mice treated with tumor vaccine and 6-mercaptopurine. Kataoka T, et al. **Cancer Res** 1985 Jul;45(7):2962-6

Treatment regimen and host T-cell-dependent therapeutic effect of interferon in mouse solid tumors. Kataoka T, et al. **Cancer Res** 1985 Aug;45(8):3548-53

Lysis of spontaneous murine breast tumors by human interleukin 2-stimulated syngeneic T-lymphocytes. Merluzzi VJ, et al. **Cancer Res** 1985 Jan;45(1):203-6

Eradication of a disseminated syngeneic mouse lymphoma by systemic adoptive transfer of immune lymphocytes and its dependence upon a host component(s). Mulé JJ, et al. **Cancer Res** 1985 Feb;45(2):526-31

Induction of in vitro and in vivo antigenic modulation by the anti-human T-cell monoclonal antibody T101. Shawler DL, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5921-7

Monoclonal antibody and enzymatic profiles of human malignant T-lymphoid cells and derived cell lines. Smith SD, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5657-60

Restoration of T-cell function and induction of antitumor immune response in T-cell-depressed spontaneously hypertensive rats by treatment with thymosin fraction 5. Takeichi N, et al. **Cancer Res** 1985 Feb;45(2):487-91

Rearranged beta T cell receptor genes in a helper T cell clone specific for lysozyme: no correlation between V beta and MHC restriction. Goverman J, et al. **Cell** 1985 Apr;40(4):859-67

The isolation and sequence of the gene encoding T8: a molecule defining functional classes of T lymphocytes. Littman DR, et al. **Cell** 1985 Feb;40(2):237-46

Stimulation of the T3-T cell receptor complex induces a membrane-potential-sensitive calcium influx. Oettgen HC, et al. **Cell** 1985 Mar;40(3):583-90

A one and a half receptor model for MHC-restricted antigen recognition by T lymphocytes. Pernis B, et al. **Cell** 1985 May;41(1):13-6 (26 ref.)

V beta gene polymorphism and a major polyclonal T cell receptor idiotype. Sim GK, et al. **Cell** 1985 Aug;42(1):89-92

The T cell differentiation antigen Leu-2/T8 is homologous to immunoglobulin and T cell receptor variable regions. Sukhatme VP, et al. **Cell** 1985 Mar;40(3):591-7

Evidence from cDNA clones that the rat leukocyte-common antigen (T200) spans the lipid bilayer and contains a cytoplasmic domain of 80,000 Mr. Thomas ML, et al. **Cell** 1985 May;41(1):83-93

The T cell receptor: the alpha and beta chains define idiotype, and antigen and MHC specificity. Yagüe J, et al. **Cell** 1985 Aug;42(1):81-7

Hapten-specific T-cell response to azobenzenearsonate-N-acetyl-L-tyrosine in the Lewis rat. IV. Rat dendritic cells present soluble and insoluble azobenzenearsonate conjugates to T cells. Amsden A, et al. **Cell Immunol** 1985 Jul;93(2):447-58

T-cell help for the IgA response: the function of T cells from different lymphoid organs in regulating the proportions of plasma cells expressing various isotypes. Arny M, et al. **Cell Immunol** 1984 Nov;89(1):95-112

Antigen-specific murine T-cell lymphomas. II. H-2 restriction of primary and secondary responses. Ben-Sasson SZ, et al. **Cell Immunol** 1984 Dec;89(2):290-9

Chemoattractant lymphokines specific for the helper/inducer T-lymphocyte subset. Berman JS, et al. **Cell Immunol** 1985 Oct 1;95(1):105-12

Phytohemagglutinin-induced proliferation and cytolytic activity in T3+ but not in T3- cloned T lymphocytes requires the involvement of the T3 antigen for signal transmission. Bolhuis RL, et al. **Cell Immunol** 1985 Jun;93(1):46-57

Induction of experimental autoimmune thyroiditis in mice with in vitro activated splenic T cells. Braley-Mullen H, et al. **Cell Immunol** 1985 Jun;93(1):132-43

T-cell responsiveness in Mycobacterium lepraemurium infections in a 'resistant' (CBA) and a 'susceptible' (BALB/c) mouse strain. Brett SJ. **Cell Immunol** 1984 Nov;89(1):132-43

High frequency of precursors of anomalous killer cells in human peripheral blood: evidence for T-cell regulation. Burns GF, et al. **Cell Immunol** 1984 Nov;89(1):202-11

Suppression of cellular and humoral immunity to T-dependent antigens by calorie restriction. Christadoss P, et al. **Cell Immunol** 1984 Oct 1;88(1):1-8

Idiotypic properties of the murine anti-arsonate antibody response: B- and T-cell influences. Conger JD, et al. **Cell Immunol** 1985 Oct 1;95(1):173-9

Regulation of human cytotoxic T-lymphocyte responses by a soluble suppressor factor. Crosier PS, et al. **Cell Immunol** 1985 Oct 1;95(1):54-64

The autoimmune response in active Heymann's nephritis in Lewis rats is regulated by T-lymphocyte subsets. de Heer E, et al. **Cell Immunol** 1985 May;92(2):254-64

Regulation of an in vitro anti-DNA antibody response by thymocytes and T cells from NZB/W and normal mice. DeMoor JM, et al. **Cell Immunol** 1985 Jul;93(2):406-16

Membrane antigen phenotype of sensitized T lymphocytes mediating tuberculin-delayed hypersensitivity in rats. Ernst DN, et al. **Cell Immunol** 1984 Oct 15;88(2):436-52

Immature T lymphocytes in human cord blood identified by monoclonal antibodies: a model for the study of the differentiation pathway of T cells in humans. Foa R, et al. **Cell Immunol** 1984 Nov;89(1):194-201

Activated human T cells can present alloantigens but cannot present soluble antigens. Gerrard TL, et al. **Cell Immunol** 1985 Oct 1;95(1):65-74

A defined basal medium for study of in vitro T-cell responses. Gersten MJ, et al. **Cell Immunol** 1985 Mar;91(1):143-58

Analysis of responder cell-cell interactions in the syngeneic mixed leukocyte response. Glimcher LH, et al. **Cell Immunol** 1985 Jun;93(1):157-67

T-cell function in B-lymphocyte-deprived mice. Gordon J, et al. **Cell Immunol** 1985 Aug;94(1):100-12

Analysis of the role of xenogeneic antigens in the proliferation of human T cells stimulated with autologous non-T cells and phytohemagglutinin-activated T cells. Indiveri F, et al. **Cell Immunol** 1985 May;92(2):210-7

Augmentation of the proliferative response of thymocytes to phytohemagglutinin by the muramyl dipeptide1. Iribe H, et al. **Cell Immunol** 1984 Oct 1;88(1):9-15

Target cell heterogeneity in murine leukemia virus infection. III. Identification of susceptible Lyt 1+ and resistant Lyt 2+ T-cell subsets following in vitro infection with Friend murine leukemia virus. Isaak DD, et al. **Cell Immunol** 1984 Oct 15;88(2):464-74

Effect of L-ornithine on proliferative and cytotoxic T-cell responses in allogeneic and syngeneic mixed leukocyte cultures. Jänicke R, et al. **Cell Immunol** 1985 May;92(2):359-65

Attempts to characterize the T-cell population and lymphokine involved in the activation of macrophage oxygen metabolism in murine listeriosis. Kaufmann SH, et al. **Cell Immunol** 1984 Oct 15;88(2):545-50

Activation/suppression of the immune response in vitro by antigen and dextran sulfate. 2. The role of T-cell subsets determined by cell separation and partition analysis. Kettman J, et al. **Cell Immunol** 1984 Oct 1;88(1):129-36

Selective induction of delayed hypersensitivity T-effector and T-suppressor lymphocytes in vitro by haptenized bone marrow-derived macrophages. Knop J, et al. **Cell Immunol** 1984 Oct 15;88(2):411-20

Characteristics of T cells involved in the expression of delayed hypersensitivity and tumor rejection immunity to 13762A rat mammary adenocarcinoma. Kreider JW, et al. **Cell Immunol** 1985 Jun;93(1):26-37

T cells function via restricted recognition of antigen, not antigen-restricted recognition. Langman RE, et al. **Cell Immunol** 1985 Sep;94(2):598-608

Activation and growth requirements for cytotoxic and noncytotoxic T lymphocytes. Larsson EL, et al. **Cell Immunol** 1984 Nov;89(1):223-31 (63 ref.)

Evidence that the Pgp-1 glycoprotein is expressed on thymus-homing progenitor cells of the thymus. Lesley J, et al. **Cell Immunol** 1985 Apr 1;91(2):397-403

Role of the L3T4 antigen in T-cell activation. I. Description of a monoclonal IgM antibody to a distinct epitope (L3T4b) of the L3T4 antigen and its effect on interleukin 1-induced thymocyte proliferation. Lögdberg L, et al. **Cell Immunol** 1985 Sep;94(2):299-311

Partial characterization of T cell components related to defined VH (VT) markers. Mackel-Vandersteenhoven A, et al. **Cell Immunol** 1984 Oct 1;88(1):147-61

Modulatory effect of zinc on the proliferative response of murine spleen cells to polyclonal T cell mitogens. Malavé I, et al. **Cell Immunol** 1984 Dec;89(2):322-30

Studies of murine lymphocytes and alloantigens. I. Ly-6 mitogen and MLR responses. Michaelides M, et al. **Cell Immunol** 1984 Oct 1;88(1):174-83

Ontogeny of T-cell mitogen response in Lewis rats. III. Juvenile adherent suppressor cells block adult mitogen responses. Middleton PA, et al. **Cell Immunol** 1984 Oct 15;88(2):421-35

Interferon-gamma can augment expression ability of HLA-DR antigens on pokeweed mitogen-stimulated human T lymphocytes. Miyawaki T, et al. **Cell Immunol** 1984 Dec;89(2):300-9

Mitomycin C-treated or irradiated concanavalin A-activated T cells augment the activation of cytotoxic T cells in vivo. Moyers C, et al. **Cell Immunol** 1984 Oct 1;88(1):123-8

Acidification of internalized class I major histocompatibility complex antigen by T lymphoblasts. Murphy RF, et al. **Cell Immunol** 1984 Oct 15;88(2):336-42

Characterization and function of autoreactive T-lymphocyte clones isolated from normal, unprimed mice. Nagarkatti PS, et al. **Cell Immunol** 1985 Aug;94(1):32-48

Human autologous rosette-forming cells. II. Specificity of the binding between lymphocytes and erythrocytes. Nalet V, et al. **Cell Immunol** 1984 Nov;89(1):212-22

In situ effector pathways of allograft destruction. 2. Generation of the 'humoral' response in the graft and the graft recipient. Nemlander A, et al. **Cell Immunol** 1984 Dec;89(2):420-6

Sugar specificity of the receptor of rat thymocytes in rosette formation with guinea pig erythrocytes. Oka H, et al. **Cell Immunol** 1984 Nov;89(1):235-41

Acquired immunity to heavy infection with Mycobacterium bovis bacillus Calmette-Guérin and its relationship to the development of nonspecific unresponsiveness in vitro. Orme IM, et al. **Cell Immunol** 1984 Oct 15;88(2):285-96

In vivo and in vitro requirements for T-cell activation: concordance and contrasts. Owens T. **Cell Immunol** 1984 Nov;89(1):232-4

Heterogeneity in the response of T cells to antigens presented by B lymphoma cells. Ratcliffe MJ, et al. **Cell Immunol** 1984 Oct 1;88(1):49-60

Role of class II histocompatibility antigens in Staphylococcus aureus protein A-induced activation of human T lymphocytes. Romagnani S, et al. **Cell Immunol** 1985 Jan;90(1):52-64

Transfer of experimental allergic neuritis with P2-reactive T-cell lines. Rostami A, et al. **Cell Immunol** 1985 Apr 1;91(2):354-61

Leishmania tropica: differences in the antigenicity of promastigotes and amastigotes. Sadick MD, et al. **Cell Immunol** 1985 Apr 1;91(2):404-14

Macrophage procoagulant-inducing activity of influenza-specific effector T cells. Schiltknecht E, et al. **Cell Immunol** 1984 Dec;89(2):342-54

Interleukin 2 production by human T lymphocytes identified by antibodies to dipeptidyl peptidase IV. Scholz W, et al. **Cell Immunol** 1985 Jun;93(1):199-211

Human B-cell-stimulatory-factor production by both T4+ and T8+ lymphocytes. Schwarting R, et al. **Cell Immunol** 1984 Oct 1;88(1):41-8

Regulation of hapten-specific T-cell response. II. Functional analysis of helper T cells and cytotoxic T cells in animals suppressed by azobenzenearsonate (ABA)-specific suppressor T cells. Scott CF Jr, et al. **Cell Immunol** 1985 Jun;93(1):144-56

Cellular cooperation in the expression of murine delayed-type hypersensitivity (DTH). 1. A normal accessory cell population enhances DTH produced by immune peritoneal exudate T lymphocytes. Scovern H, et al. **Cell Immunol** 1985 Apr 1;91(2):344-53

Human T cells in cord blood: abnormalities in IA antigens induction by phytohemagglutinin and in autologous mixed lymphocyte reactions. Scudeletti M, et al. **Cell Immunol** 1984 Oct 15;88(2):521-30

Characterization of the in vitro murine T-cell proliferative responses to murine and human thyroglobulins in thyroiditis-susceptible and -resistant mice. Simon LL, et al. **Cell Immunol** 1985 Aug;94(1):243-53

Lymphopoiesis in the nude fetal thymus following sympathectomy. Singh U. **Cell Immunol** 1985 Jun;93(1):222-8

Fine specificity analysis of human influenza-specific cloned cell lines. Sterkers G, et al. **Cell Immunol** 1985 Sep;94(2):394-405

Stimulator requirements for primed alloreactive T cells: macrophages and dendritic cells activate T cells across all genetic disparities. Sunshine GH, et al. **Cell Immunol** 1985 Mar;91(1):60-74

Maturational impairment of thymic lymphocytes in streptozotocin-induced diabetes in rats. Tabata T, et al. **Cell Immunol** 1984 Nov;89(1):250-8

Lymphocyte mitogenesis induced by monoclonal antibodies to the T3 complex. Differential modulation by human IgG. Tsoukas CD, et al. **Cell Immunol** 1984 Nov;89(1):66-74

Development and characterization of interleukin-2-independent antigen-specific human T cell clones that produce multiple lymphokines. Volkman DJ, et al. **Cell Immunol** 1984 Oct 15;88(2):323-35

Establishment of T-cell clones recognizing difference in H-2K antigen and inducing graft-versus-host disease. Watanabe H, et al. **Cell Immunol** 1985 Sep;94(2):454-65

Construction of hybridomas from nude mice with phenotypes of precursors of regulatory T cells. I. A model for study of development of T-cell function in immune systems. Webb GC, et al. **Cell Immunol** 1984 Dec;89(2):271-80

Effects of granuloma modulation induced by regulatory-T-lymphocyte activity on angiotensin II/III production by granuloma macrophages in murine schistosomiasis mansoni. Weinstock JV, et al. **Cell Immunol** 1985 Sep;94(2):558-67

Antigen-specific augmentation of murine immediate hypersensitivity-like footpad reaction by a T-cell factor in the culture supernatant of immune spleen cells. Yamada A, et al. **Cell Immunol** 1985 May;92(2):350-8

The early (18-hr) human mixed lymphocyte reaction: identification and isolation of activated T-cell clones. Ythier AA, et al. **Cell Immunol** 1985 Mar;91(1):215-26

Immunocytochemical and histochemical studies on T lymphocytes and immunoglobulin-producing cells in gastric carcinoma. Zhang ZB, et al. **Chin Med J [Engl]** 1985 Mar;98(3):197-202

Immunologic behavior of lymphocytes in experimental viral myocarditis: significance of T lymphocytes in the severity of myocarditis and silent myocarditis in BALB/c-nu/nu mice. Kishimoto C, et al. **Circulation** 1985 Jun;71(6):1247-54

Immunologic studies of peripheral blood lymphocytes and lymph nodes in Hodgkin's disease. A preliminary report. Cunningham JR, et al. **Cleve Clin Q** 1985 Spring;52(1):69-72

Interleukin 2 receptor expressing T cells during acute allergy [letter] Pichler WJ, et al. **Clin Allergy** 1985 Mar;15(2):211-2

Spontaneous production of, and defective response to, interleukin-1 by peripheral blood mononuclear cells from patients with scleroderma. Alcocer-Varela J, et al. **Clin Exp Immunol** 1985 Mar;59(3):666-72

T lymphocytes in infectious mononucleosis. II. Response in vitro to interleukin-2 and establishment of T cell lines. Bishop CJ, et al. **Clin Exp Immunol** 1985 Apr;60(1):70-7

The immunosuppressive effects of measles virus on T cell function--failure to affect IL-2 release or cytotoxic T cell activity in vitro. Borysiewicz LK, et al. **Clin Exp Immunol** 1985 Jan;59(1):29-36

Hypergammaglobulinaemia in Leishmania donovani infected hamsters: possible association with a polyclonal activator of B cells and with suppression of T cell function. Bunn-Moreno MM, et al. **Clin Exp Immunol** 1985 Feb;59(2):427-34

Increased peripheral blood Ia positive T cells and their effect on autologous mixed lymphocyte reaction in chronic active liver disease. Fukui K, et al. **Clin Exp Immunol** 1984 Oct;58(1):90-6

Is there correlation of T cell proliferative functions and surface marker phenotypes in patients with acquired immune deficiency syndrome or lymphadenopathy syndrome? Gluckman JC, et al. **Clin Exp Immunol** 1985 Apr;60(1):8-16

Specific allogeneic help by T lymphocytes from patients with systemic lupus erythematosus. Hari Kumar MK, et al. **Clin Exp Immunol** 1984 Oct;58(1):21-8

Intrathyroidal HLA-DR expression and T lymphocyte phenotypes in Graves' thyrotoxicosis, Hashimoto's thyroiditis and nodular colloid goitre. Jansson R, et al. **Clin Exp Immunol** 1984 Nov;58(2):264-72

LPF-induced T cell colony formation: effect of PMA and interleukin-2, and surface marker analysis. Kashiwa H, et al. **Clin Exp Immunol** 1985 Jun;60(3):509-17

The mitogenic effect of the lymphocytosis promoting factor from Bordetella pertussis on human T gamma and non-T gamma cells. Kashiwa H, et al. **Clin Exp Immunol** 1984 Nov;58(2):436-43

Activated T cells in Graves' disease before treatment. Kennedy R, et al. **Clin Exp Immunol** 1985 Feb;59(2):377-82

Detection of cross-reacting murine I-J like determinants on a human subset of T8+ antigen binding, presenting and contrasuppressor cells. Lehner T, et al. **Clin Exp Immunol** 1984 Nov;58(2):410-9

A non-specific inhibitor produced by Candida albicans activated T cells impairs cell proliferation by inhibiting interleukin-1 production. Lombardi G, et al. **Clin Exp Immunol** 1985 May;60(2):303-10

Abnormal in vitro proliferation and differentiation of T colony forming cells in AIDS patients and clinically normal male homosexuals. Lunardi-Iskandar Y, et al. **Clin Exp Immunol** 1985 May;60(2):285-93

Functional analysis of T and B cells from blood and thyroid tissue in Hashimoto's disease. McLachlan SM, et al. **Clin Exp Immunol** 1985 Mar;59(3):585-92

The microenvironment of coeliac disease: T cell phenotypes and expression of the T2 'T blast' antigen by small bowel lymphocytes. Malizia G, et al. **Clin Exp Immunol** 1985 May;60(2):437-46

Immunohistological phenotyping of thyroid infiltrating lymphocytes in Graves' disease and Hashimoto's thyroiditis. Misaki T, et al. **Clin Exp Immunol** 1985 Apr;60(1):104-10

Predominance of T lymphocytes in pancreatic islets and spleen of pre-diabetic non-obese diabetic (NOD) mice: a longitudinal study. Miyazaki A, et al. **Clin Exp Immunol** 1985 Jun;60(3):622-30

T lymphocytes in infectious mononucleosis. I. T cell death in vitro. Moss DJ, et al. **Clin Exp Immunol** 1985 Apr;60(1):61-9

Dynamics of T cells of L3T4 and Ly 2 phenotype within granulomas in murine listeriosis. Näher H, et al. **Clin Exp Immunol** 1985 Jun;60(3):559-64

Evidence for the presence of M. leprae reactive T lymphocytes in patients with lepromatous leprosy. Nath I, et al. **Clin Exp Immunol** 1984 Dec;58(3):522-30

Elevated numbers of peripheral T cells in inflammatory bowel diseases displaying T9 antigen and Fc alpha receptors. Raedler A, et al. **Clin Exp Immunol** 1985 Jun;60(3):518-24

Quantitative aspects of the T cell proliferation response to antigen P1 from D. pteronyssinus: suppression by added histamine and limited effects of basophil depletion. Rawle FC, et al. **Clin Exp Immunol** 1985 Jan;59(1):101-9

I-A restricted activation by T cell lines of anti-tuberculosis activity in murine macrophages. Rook GA, et al. **Clin Exp Immunol** 1985 Feb;59(2):414-20

Reactivity of Leu 1 and T101 monoclonal antibodies with B cell lymphomas (correlations with other immunological markers). Al Saati T, et al. **Clin Exp Immunol** 1984 Dec;58(3):631-8

IgE Fc receptor positive T and B lymphocytes in patients with the hyper IgE syndrome. Thompson LF, et al. **Clin Exp Immunol** 1985 Jan;59(1):77-84

Regulation of the immune response in Plasmodium falciparum malaria. III. Proliferative response to antigen in vitro and subset composition of T cells from patients with acute infection or from immune donors. Troye-Blomberg M, et al. **Clin Exp Immunol** 1984 Nov;58(2):380-7

Five antigens on human T cells detected by mouse monoclonal antibodies. Tsuge I, et al. **Clin Exp Immunol** 1984 Nov;58(2):444-52

Generation of interleukin-2-dependent T cell lines from synovial fluids in rheumatoid arthritis. Wilkins JA, et al. **Clin Exp Immunol** 1984 Oct;58(1):1-6

Amplifier T cell activity is decreased in MRL/1 mice: failure of concanavalin A and anti-lymphocyte serum to enhance antibody responses to thymus-independent antigens. Wilson DA, et al. **Clin Exp Immunol** 1985 Apr;60(1):95-103

Phenotypic analysis of T cell subsets in the blood of chronically aborting women. Bertotto A, et al. **Clin Exp Obstet Gynecol** 1984;11(4):147-9

Antilymphocyte antibodies in progressive systemic sclerosis. Labro MT, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):23-8

Differences in the distribution of synovial T lymphocyte subpopulations between patients with acute and chronic exudative synovitis. Nilsson E, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):57-62

Lymphocyte subpopulations in Kawasaki disease. Shannon K, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):59-62

Analysis of the mitogenic effects of toxic shock toxin on human peripheral blood mononuclear cells in vitro. Calvano SE, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):99-110

Compartmentalized immune responses: antigen-specificity of cerebrospinal fluid T-cell lines maintained in the absence of antigen. Clark RB, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):176-86

Generation of long-term T-cell lines from synovial fluid. Clark RB, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):287-92

T-cell abnormalities in inflammatory bowel disease are mediated by interleukin 2. Ebert EC, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):232-44

Immunoregulatory effects of C3 and its major cleavage fragments. Fleisher TA, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):391-401

Long-term cultivation of T-cell subsets from patients with acquired immune deficiency syndrome. Levy JA, et al. **Clin Immunol Immunopathol** 1985 Jun;35(3):328-36

Phenotypic and functional heterogeneity of human T lymphocytes producing B-cell growth factor(s): a clonal analysis. Maggi E, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):168-75

Pregnancy-associated growth factor. I. A proliferative agent which expands adult and cord T4 cells in unfractionated cultures. Morse JH, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):237-53

The role of xenoantigen in the human autologous mixed lymphocyte reaction: ability to respond in the absence of exposure to xenoantigen depends on the method of T-cell preparation. Naides SJ, et al. **Clin Immunol Immunopathol** 1985 Feb;34(2):216-26

Association of decreased T-cell-mediated natural cytotoxicity and interferon production in Down's syndrome. Nair MP, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):412-24

Some evidence for the in vivo functional activation of suppressor T cells in asymptomatic patients with hemophilia A receiving Factor VIII concentrates. Seki H, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):27-38

T-cell subsets regulating anti-acetylcholine-receptor-antibody formation in myasthenia gravis and characterization of suppressor T-cell factors involved. Shinomiya N, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):182-90

Quantitative studies on T-cell functions in MRL/MP-Lpr/Lpr mice. I. Frequency analysis of precursor cells of proliferating, cytotoxic, and T-cell growth factor-secreting T lymphocytes reveals an increase in absolute numbers, with a concomitant decrease in percentage of immunocompetent cells. Simon MM, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):39-53

Cellular targets of antilymphocyte antibodies in AIDS and LAS. Tomar RH, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):37-47

Regulation of IGE synthesis in man. Leung DY, et al. **Clin Immunol Rev** 1984;3(1):1-24 (89 ref.)

Enhancement of passive antilisterial immunity and change of Lyt phenotype following in vitro stimulation of murine lymphoid cells from immune donors. Barry RA, et al. **Clin Invest Med** 1984;7(4):303-9

The cellular response to Listeria monocytogenes is mediated by a heterogeneous population of immunospecific T cells. McGregor DD, et al. **Clin Invest Med** 1984;7(4):243-52 (82 ref.)

The generation of colony stimulating activity by lectin stimulated human peripheral blood mononuclear leucocytes. Matthews JH, et al. **Clin Invest Med** 1985;8(1):9-14

Effect of plasmapheresis on cellular immunity abnormalities in patients with systemic lupus erythematosus. Bonomini V, et al. **Clin Nephrol** 1984 Sep;22(3):121-6

Parathyroid hormone as a uremic toxin: its influence on T lymphocyte receptors [letter] Giacchino F, et al. **Clin Nephrol** 1985 Feb;23(2):105-6

Anti-T cell antibodies in primary glomerulonephritis. Nakabayashi K, et al. **Clin Nephrol** 1985 Feb;23(2):74-80

Immunologic abnormalities in the acquired immunodeficiency syndrome (AIDS). Fauci AS. **Clin Res** 1984 Dec;32(5):491-9

Phenotypic characterization and ontogeny of components of the human thymic microenvironment. Haynes BF. **Clin Res** 1984 Dec;32(5):500-7

Bronchoalveolar T lymphocytes and pulmonary sarcoidosis. Hunninghake GW. **Clin Rev Allergy** 1985 May;3(2):227-34 (50 ref.)

Distribution of T-lymphocyte subsets in patients with vascular diseases. Horvath M, et al. **Cor Vasa** 1984;26(6):429-37

Isotope-specific T cell factors for the IgE response. Ishizaka K. **CRC Crit Rev Immunol** 1985;5(3):229-62 (100 ref.)

Is psoriasis a disease of the immune system? Morhenn VB. **Cutis** 1984 Sep;34(3):223-4

Lymphocyte-keratinocyte interactions mediated through interferon. New observations relevant to psoriasis. Nickoloff BJ. **Cutis** 1984 Nov;34(5):445-6

The thymus-dependent immune system in the pathogenesis of type 1 (insulin-dependent) diabetes mellitus. Animal model and human studies. Buschard K. **Dan Med Bull** 1985 Jun;32(3):139-51 (132 ref.)

T cell subsets and macrophages in lichen planus. In situ identification using monoclonal antibodies and histochemical techniques. Buechner SA. **Dermatologica** 1984;169(6):325-9

Reduced graft-versus-host reaction of T cells in Kaposi's sarcoma: a possible prognostic indicator. David M, et al. **Dermatologica** 1984;169(2):76-9

Blood lymphocyte subpopulations studied with monoclonal antibodies in aleukaemic stages of mycosis fungoides. Economidou J, et al. **Dermatologica** 1985;170(2):59-64

Characterization of cellular infiltrates in skin lesions of atopic eczema by means of monoclonal antibodies. Rocha C, et al. **Dermatologica** 1984;169(6):330-8

Functional capacities of chick embryo thymocytes in the mixed lymphocyte reaction. Cormier F, et al. **Dev Comp Immunol** 1985 Spring;9(2):343-9

Ontogeny of T-cell mitogen response in Lewis rats: II. Early appearance and loss of suppressor activity. Middleton PA, et al. **Dev Comp Immunol** 1984 Fall;8(4):907-19

Ontogeny of T-cell mitogen response in Lewis rats: I. Culture conditions and developmental patterns. Middleton PA, et al. **Dev Comp Immunol** 1984 Fall;8(4):895-906

Effect of insulin and transferrin in the maintenance of the activated state of the T-lymphocyte induced by allo-antigen. Helderman JH, et al. **Diabetologia** 1984 Jul;27 Suppl:99-101

Lymphocyte subpopulations at the onset of type 1 (insulin-dependent) diabetes. Ilonen J, et al. **Diabetologia** 1984 Jul;27 Suppl:106-8

Peripheral blood T-cell subsets studied by monoclonal antibodies in type 1 (insulin-dependent) diabetes: effect of blood glucose control. Rodier M, et al. **Diabetologia** 1984 Jul;27 Suppl:136-8

Possible involvement of the OKT4 molecule in T-cell recognition of class II HLA antigens. Biddison WE, et al. **Diagn Immunol** 1983;1(3):112-5

HLA typing and karyotyping of limited numbers of lymphocytes is facilitated by in vitro expansion with TCGF. Blank JL, et al. **Diagn Immunol** 1985;3(1):29-32

Enumeration of TG lymphocytes in B-chronic lymphocytic leukaemia (B-CLL) by a rapid double-rosetting technique. Cillari E, et al. **Diagn Immunol** 1984;2(4):224-7

Antigenic modulation of pan-T-cell and T-cell subset-specific markers. Estabrook A, et al. **Diagn Immunol** 1983;1(3):199-204

Type I diabetes of man and the BB rat: monoclonal antibody-defined T-cell abnormalities. Jackson RA, et al. **Diagn Immunol** 1983;1(3):240-4

Relevance of 3A1 monoclonal antibody in the diagnosis of T-cell acute lymphoblastic leukemia. Lopez M, et al. **Diagn Immunol** 1985;3(1):11-4

Resting and activation antigens of T cells: studies with OKT10 and OKT20 monoclonal antibodies. Mittler RS, et al. **Diagn Immunol** 1983;1(3):120-8

Recognition of immature T-cell phenotypes in neonatal blood using monoclonal antibodies. Patterson JA, et al. **Diagn Immunol** 1983;1(3):205-10

Opposing effects of filariasis and chronic malaria on immunoregulatory T lymphocytes. Piessens WF, et al. **Diagn Immunol** 1983;1(3):257-60

Immunity to herpes simplex virus type 2. V. Risk of recurrent disease following primary infection: modulation of T-cell subsets and lymphokine (LIF) production. Sheridan JF, et al. **Diagn Immunol** 1983;1(3):245-56

Kinetics of expression of T-cell 'activation' antigens on in vivo- and in vitro-stimulated T cells. Taniguchi N, et al. **Diagn Immunol** 1983;1(3):104-11

Biological functions of T-cell surface glycoproteins. Thomas Y, et al. **Diagn Immunol** 1983;1(3):100-3

Cell surface phenotype and in vitro function of adult T-cell leukemia cells. Uchiyama T, et al. **Diagn Immunol** 1983;1(3):150-4

Phaseolus vulgaris phytohaemagglutinin (PHA) binds to the human T lymphocyte antigen receptor. Chilson OP, et al. **EMBO J** 1984 Dec 20;3(13):3239-45

The T3/T cell receptor complex: antigenic distinction between the two 20-kd T3 (T3-delta and T3-epsilon) subunits. Pessano S, et al. **EMBO J** 1985 Feb;4(2):337-44

T lymphocyte subsets in homosexual men from Copenhagen. Gerstoft J, et al. **Eur J Clin Invest** 1984 Aug;14(4):301-5

Rat natural killer cell and cytotoxic T cell lysis of H-2-negative murine embryonal carcinoma cells. Bell SM, et al. **Eur J Immunol** 1985 Jan;15(1):59-65

Inhibition of proliferative and cytotoxic activities of human T lymphocytes with rabbit antibodies directed against leucoagglutinin-reactive T cell surface components. Berzins T, et al. **Eur J Immunol** 1984 Dec;14(12):1145-52

Growth of normal human T lymphocytes induced by monoclonal antibody to the T cell antigen receptor. Boylston AW, et al. **Eur J Immunol** 1985 Jul;15(7):738-42

The role of B cell differentiation factors and specific T cell help in the pathogenesis of primary hypogammaglobulinemia. Brenner MK, et al. **Eur J Immunol** 1984 Nov;14(11):1021-7

In vivo suppression of T-dependent antibody responses by treatment with a monoclonal anti-L3T4 antibody. Coulie PG, et al. **Eur J Immunol** 1985 Jun;15(6):638-40

T cell clones interacting with accessory and T helper cells for a proliferative response. Di Pauli R, et al. **Eur J Immunol** 1984 Oct;14(10):915-22

Analysis of autoreactive I region-restricted T cell colonies isolated from the guinea pig syngeneic mixed leukocyte reaction and from immune responses to conventional foreign antigens. DosReis GA, et al. **Eur J Immunol** 1985 May;15(5):466-72

Production and characterization of antibody probes directed at constant regions of the alpha and beta subunit of the human T cell receptor. Fabbi M, et al. **Eur J Immunol** 1985 Aug;15(8):821-7

Immune responses of thymus/lymphocyte embryonic chimeras: studies on tolerance and major histocompatibility complex restriction in Xenopus. Flajnik MF, et al. **Eur J Immunol** 1985 Jun;15(6):540-7

Activation of Lyt-2+ T cells by antibodies towards brain-associated antigens. I. Accessory cell requirement and role of Fc receptors in the induction of reactivity to interleukin 2. Gullberg M, et al. **Eur J Immunol** 1985 Apr;15(4):393-400

Expression of interleukin 2 receptor on murine fetal thymocytes. Habu S, et al. **Eur J Immunol** 1985 May;15(5):456-60

T lymphocyte function during experimental Chagas' disease: production of and response to interleukin 2. Harel-Bellan A, et al. **Eur J Immunol** 1985 May;15(5):438-42

Regulation of thymocyte proliferative response by macrophage-derived prostaglandin E2 and interleukin 1. Hayari Y, et al. **Eur J Immunol** 1985 Jan;15(1):43-7

VLA-1: a T cell surface antigen which defines a novel late stage of human T cell activation. Hemler ME, et al. **Eur J Immunol** 1985 May;15(5):502-8

B cell activation potential of insulin-reactive T cells in H-2b mice. Huber BT, et al. **Eur J Immunol** 1984 Dec;14(12):1106-10

The mitogenic lectin from Phaseolus vulgaris does not recognize the T3 antigen of human T lymphocytes. Kanellopoulos JM, et al. **Eur J Immunol** 1985 May;15(5):479-86

An attempt to assess the overall diversity of murine T cells using two-dimensional gel electrophoresis. Kettman J, et al. **Eur J Immunol** 1984 Sep;14(9):769-77

Characterization of stromal cell populations in the developing thymus of normal and nude mice. Kingston R, et al. **Eur J Immunol** 1984 Nov;14(11):1052-6

Antigen-nonspecific T cell-derived factors in B cell activation: differences in the requirements for interleukin 2 in responses of unprimed and primed B cells. Kuhara T, et al. **Eur J Immunol** 1985 Aug;15(8):787-93

Suppression of polyclonal B cell activation by IgG-binding factors. Requirement for T cells. Lê thi Bich-Thuy, et al. **Eur J Immunol** 1985 Jan;15(1):96-9

Frequent coexpression of cytolytic activity and lymphokine production among human T lymphocytes. Production of B cell growth factor and interleukin 2 by T8+ and T4+ cytolytic clones. Mingari MC, et al. **Eur J Immunol** 1984 Nov;14(11):1066-9

A cell surface marker of thymus-dependent lymphocytes in Xenopus laevis is identifiable by mouse monoclonal antibody. Nagata S. **Eur J Immunol** 1985 Aug;15(8):837-41

A rapid isolation technique of unmodified human T cells on a polystyrene resin column. Noma T, et al. **Eur J Immunol** 1985 Aug;15(8):833-7

Mechanisms by which accessory cells contribute in growth of resting T lymphocytes initiated by OKT3 antibody. Palacios R. **Eur J Immunol** 1985 Jul;15(7):645-51

HLA-DR-, MB- and novel DC-related determinants restrict purified protein derivative of tuberculin (PPD)-stimulated human T cell proliferation. Pawelec G, et al. **Eur J Immunol** 1985 Jan;15(1):12-7

Function of alloproliferative T lymphocyte clones correlates better with their class II recognitive specificity than with their cell surface phenotype. Pawelec G, et al. **Eur J Immunol** 1985 Feb;15(2):163-7

Early expression in (NZB X DBA/2)F1 hybrids of thymus dysfunction and abnormal antibody production inherited from the NZB parent. Quere P, et al. **Eur J Immunol** 1985 Feb;15(2):112-7

Evaluation of accessory cell heterogeneity. II. Failure of dendritic cells to activate antigen-specific T helper cells to soluble antigens. Ramila G, et al. **Eur J Immunol** 1985 Feb;15(2):189-92

T cell competence to heterologous and homologous thyroglobulins during the induction of experimental autoimmune thyroiditis. Romball CG, et al. **Eur J Immunol** 1984 Oct;14(10):887-93

T cell triggering by lectins. II. Stimuli for induction of interleukin 2 responsiveness and interleukin 2 production differ only in quantitative aspects. Roosnek EE, et al. **Eur J Immunol** 1985 Jul;15(7):657-61

Interleukin 2 induces T cell-dependent IgM production in human B cells. Sauerwein RW, et al. **Eur J Immunol** 1985 Jun;15(6):611-6

Major histocompatibility complex restriction of tetanus toxoid-specific human T lymphocyte clones. Schmitt C, et al. **Eur J Immunol** 1984 Dec;14(12):1131-6

Biochemical characterization and purification of human B cell stimulatory factor (BSF). Schwarting R, et al. **Eur J Immunol** 1985 Jun;15(6):632-7

Rapid activation of ornithine decarboxylase by mitogenic (but not by nonmitogenic) ligands in human T lymphocytes. Scott IG, et al. **Eur J Immunol** 1985 Aug;15(8):783-7

Partial biochemical characterization of IgG1-inducing factor. Sideras P, et al. **Eur J Immunol** 1985 Jun;15(6):593-8

Secretion of IgG1 induction factor by T cell clones and hybridomas. Sideras P, et al. **Eur J Immunol** 1985 Jun;15(6):586-93

Abrogation and reconstitution of nonresponsiveness: a correlation with high network connectivity. Singhai R, et al. **Eur J Immunol** 1985 May;15(5):526-9

Association between the human thymic differentiation antigens T6 and T8. Snow PM, et al. **Eur J Immunol** 1985 May;15(5):529-32

Phytohemagglutinin binds to the 20-kDa molecule of the T3 complex. Valentine MA, et al. **Eur J Immunol** 1985 Aug;15(8):851-4

Induction of proliferative and cytotoxic responses in resting Lyt-2+ T cells with lectin and recombinant interleukin 2. Vohr HW, et al. **Eur J Immunol** 1985 Apr;15(4):332-7

Thymocytes appear to ignore class I major histocompatibility complex antigens expressed on thymus epithelial cells. Von Boehmer H, et al. **Eur J Immunol** 1984 Nov;14(11):1048-52

Accessory function of human leukemic cell lines: properties of B and B-K562 hybrid cell lines. Wakasugi H, et al. **Eur J Immunol** 1985 Mar;15(3):256-61

Helper function of human T cells with different affinity for Helix pomatia A hemagglutinin in a tetanus toxoid-induced B cell differentiation system. Wikén M, et al. **Eur J Immunol** 1984 Nov;14(11):1003-9

Interferon gamma produced by mitogen-activated T lymphocytes does not directly mediate lymphoproliferation. Wilkinson M, et al. **Eur J Immunol** 1985 Apr;15(4):404-7

Molecular and antigenic heterogeneity of the rat leukocyte-common antigen from thymocytes and T and B lymphocytes. Woollett GR, et al. **Eur J Immunol** 1985 Feb;15(2):168-73

Production of IgE-potentiating factor in man by T cell lines bearing Fc receptors for IgE. Young MC, et al. **Eur J Immunol** 1984 Oct;14(10):871-8

Direct evaluation of antigen binding to human T lymphocyte clones: involvement of major histocompatibility complex products in antigen binding. Zanders ED, et al. **Eur J Immunol** 1984 Dec;14(12):1101-5

Phytohemagglutinin skin test for the immunological assessment of the surgical patient. Meijer S, et al. **Eur Surg Res** 1984;16(6):348-53

Suppression of lymphocyte activation by plasma lipoproteins: modulation by cell number and type. Okano Y, et al. **Exp Cell Biol** 1985;53(4):199-212

Early recognition of transplantation antigens by T lymphocytes. II. Specificity and characterization of the recognition process. Ramseier H. **Exp Cell Biol** 1985;53(3):150-62

Early recognition of transplantation antigens by T lymphocytes. I. Test system and cellular parameters. Ramseier H. **Exp Cell Biol** 1985;53(3):138-49

Food intake reduction and immunologic alterations in mice fed dehydroepiandrosterone. Windruch R, et al. **Exp Gerontol** 1984;19(5):297-304

A randomized trial of antihuman thymocyte globulin versus murine monoclonal antihuman T-cell antibodies as immunosuppressive therapy for aplastic anemia. Doney K, et al. **Exp Hematol** 1985 Jul;13(6):520-4

Serological identification and separation of canine lymphocyte subpopulations. Holler E, et al. **Exp Hematol** 1984 Nov;12(10):774-81

Heparin inhibition of antibody-dependent complement-mediated lysis. Wesolowski J, et al. **Exp Hematol** 1984 Oct;12(9):700-5

Specificity of immunosuppression by human alveolar cells. McCombs CC, et al. **Exp Lung Res** 1984;7(3-4):211-22

The effect of mouse erythrocyte rosette forming lymphocytes on lymphokine production in T-cell cultures. Dobozy A, et al. **Experientia** 1984 Dec 15;40(12):1403-4

Can resting B cells present antigen to T cells? Ashwell JD, et al. **Fed Proc** 1985 May;44(8):2475-9 (34 ref.)

Morphine depression of T cell E-rosetting: definition of the process. Donahoe RM, et al. **Fed Proc** 1985 Jan;44(1 Pt 1):95-9

The effect of idiotype-specific and anti-ACA-1 sera on T cell subpopulations responding to H-2 antigens. Nesterenko VG, et al. **Folia Biol (Praha)** 1984;30(5):307-16

Effector cell analysis of tumor cell rejection in vivo in two syngeneic tumor systems exhibiting distinct in vitro cytotoxic mechanisms. Fukuzawa M, et al. **Gann** 1984 Oct;75(10):912-9

Characterization of thymic lymphoid-stromal cell complex-forming cells in preleukemic AKR mice. Hiai H, et al. **Gann** 1984 Oct;75(10):905-11

T cell involvement in production of tumor necrosis factor: reconstitution experiments with nude mice. Niitsu Y, et al. **Gann** 1985 May;76(5):395-9

Cellular immune response in liver of patients with chronic hepatitis B. Electron microscopic observation of lymphocyte subsets by the immunoperoxidase method using monoclonal antibodies. Yamada G, et al. **Gastroenterol Jpn** 1984 Dec;19(6):517-28

Involvement of the immune system in the pathogenesis of Crohn's disease. Expression of the T9 antigen on peripheral immunocytes correlates with the severity of the disease. Raedler A, et al. **Gastroenterology** 1985 Apr;88(4):978-83

Proliferative response in solid culture of T cells from healthy aged subjects. Rivas AJ, et al. **Gerontology** 1985;31(1):39-45

Squamous cell carcinoma of the cervix stage IB: numbers and reactivities of pelvic lymph node T cells. Onsrud M, et al. **Gynecol Oncol** 1985 Feb;20(2):177-83

Cell-mediated and humoral immune responses to chlamydial and herpesvirus antigens in patients with cervical carcinoma. Qvigstad E, et al. **Gynecol Oncol** 1985 Feb;20(2):184-9

Automated cytofluorograph system and T lymphocytes age related modifications [letter] Colombo M, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):82

Internal activity of the immune system and its physiologic significance. Coutinho A, et al. **Hamatol Bluttransfus** 1985;29:477-80

Monoclonal antibodies and immunotoxins in bone marrow transplantation: purging marrow of ALL or GVHD cells with preservation of stem cells. Kersey JH, et al. **Hamatol Bluttransfus** 1985;29:34-8

Thymic dendritic cells present blood-borne antigens to medullary thymocytes in vivo: a possible role in the generation of the T-cell repertoire. Kyewski BA. **Hamatol Bluttransfus** 1985;29:486-91

T cell depletion of donor marrow for prevention of acute graft-versus-host disease. Martin PJ, et al. **Hamatol Bluttransfus** 1985;29:42-3

Genetic determination of the cytolytic T lymphocyte receptor repertoire. Sherman LA. **Hamatol Bluttransfus** 1985;29:471-6

Antigen presentation by liposomes. Walden P, et al. **Hamatol Bluttransfus** 1985;29:481-5

Regulation of the human immune response to HBsAg: effects of antibodies and antigen conformation in the stimulation of helper T cells by HBsAg. Celis E, et al. **Hepatology** 1985 Sep-Oct;5(5):744-51

HBsAg-serum protein complexes stimulate immune T lymphocytes more efficiently than do pure HBsAg. Celis E, et al. **Hepatology** 1984 Nov-Dec;4(6):1116-23

In vitro response to HBsAg of peripheral blood lymphocytes from recipients of hepatitis B vaccine. Chang TW, et al. **Hepatology** 1984 Sep-Oct;4(5):824-9

T lymphocyte sensitization to HBcAg and T cell-mediated unresponsiveness to HBsAg in hepatitis B virus-related chronic liver disease. Vento S, et al. **Hepatology** 1985 Mar-Apr;5(2):192-7

The human T cell antigen Leu-2 (T8) is encoded on chromosome 2. Bruns G, et al. **Hum Genet** 1985;70(4):311-4

The clusters of differentiation (CD) defined by the First International Workshop on Human Leucocyte Differentiation Antigens. Bernard A, et al. **Hum Immunol** 1984 Sep;11(1):1-10

Cloned human T cells synthesize Ia molecules and can function as antigen presenting cells. Brown MF, et al. **Hum Immunol** 1984 Dec;11(4):219-28

Antigen-induced production of lymphokines by human T cell clones specific for hepatitis B surface antigen. Celis E, et al. **Hum Immunol** 1984 Dec;11(4):229-37

Homozygous typing cell-defined HLA-Dw specificities correlate better than serologically defined HLA-DR specificities with restriction elements for influenza virus-specific proliferative human T lymphocyte clones. Fleischer B, et al. **Hum Immunol** 1985 Sep;14(1):37-47

Class II determinants recognized by TNP-specific cloned human T cell lines. Hanke JH, et al. **Hum Immunol** 1985 Sep;14(1):59-76

Different specificities of an HLA-DRw6 haplotype detected by alloreactive T lymphocytes. Myers LK, et al. **Hum Immunol** 1984 Dec;11(4):193-205

Expression of extra class I major histocompatibility antigens on T-cell acute lymphoblastic leukemia (ALL) lymphoblasts. Orgad S, et al. **Hum Immunol** 1985 Mar;12(3):133-41

HLA class II restriction repertoire of antigen-specific T cells. I. The main restriction determinants for antigen presentation are associated with HLA-D/DR and not with DP and DQ. Ottenhoff TH, et al. **Hum Immunol** 1985 Jun;13(2):105-16

Dissection of human allostimulatory determinants with cloned T cells: stimulation inhibition by monoclonal antibodies TU22, 34, 35, 36, 37, 39, 43, and 58 against distinct human MHC class II molecules. Pawelec G, et al. **Hum Immunol** 1985 Mar;12(3):165-76

Antigen-specific T cell clones restricted by DR, DRw53 (MT), or DP (SB) Class II HLA molecules. Inhibition studies with monoclonal HLA-specific antibodies. Qvigstad E, et al. **Hum Immunol** 1984 Dec;11(4):207-17

Functional characterization of human alloreactive T cell clones. Rohowsky-Kochan C, et al. **Hum Immunol** 1984 Dec;11(4):173-82

The thymus in 'bare lymphocyte' syndrome: significance of expression of major histocompatibility complex antigens on thymic epithelial cells in intrathymic T-cell maturation. Schuurman HJ, et al. **Hum Immunol** 1985 Jun;13(2):69-82

Generation of CTL lines using cultured T cells (CTC) as feeder cells. I. Specificity for class I determinants. Zier KS, et al. **Hum Immunol** 1984 Sep;11(1):47-55

The immunoarchitecture of cutaneous pseudolymphoma. Wirt DP, et al. **Hum Pathol** 1985 May;16(5):492-510

An IgM pan-T monoclonal antibody that blocks E-rosette formation. De Nardin E, et al. **Hybridoma** 1985 Summer;4(2):125-41

Lym 7.2: monoclonal antibody defining an alloantigen similar or identical to Ly 7.2. Lanier LL, et al. **Hybridoma** 1982; 1(3):227-41

A monoclonal antibody 7G7/B6, binds to an epitope on the human interleukin-2 (IL-2) receptor that is distinct from that recognized by IL-2 or anti-Tac. Rubin LA, et al. **Hybridoma** 1985 Summer;4(2):91-102

Production of monoclonal antibodies defining guinea pig T-cell surface markers and a strain 13 Ia-like antigen: the value of immunohistological screening. Tan BT, et al. **Hybridoma** 1985 Summer;4(2):115-24

Construction of rat-mouse T-cell hybridomas that constitutively produce rat IL-2. Uede T, et al. **Hybridoma** 1985 Summer;4(2):103-14

Utility of monoclonal antibodies in the immunologic phenotyping of acute lymphoblastic leukemia. Yu AL, et al. **Hybridoma** 1982;1(2):91-8

Interaction of tumour-promoting agents with immunofunctional cells in vitro and in vivo. Baxter CS, et al. **IARC Sci Publ** 1984;(56):305-17

Accessory cells and T cell activation. The relationship between two components of macrophage accessory cell function: I-A and IL1. Durum SK, et al. **Immunobiology** 1984 Dec;168(3-5):213-31 (51 ref.)

Characterization of lymphokine-mediated activation of macrophages for antigen presentation: studies with long-term cultured bone marrow-derived macrophages and cloned T cells. Fischer HG, et al. **Immunobiology** 1984 Dec;168(3-5):232-45

Cultured T cells from patients with T cell chronic lymphocytic leukemia demonstrate a normal phenotype. Gramatzki M, et al. **Immunobiology** 1985 Mar;169(2):186-97

The production of interleukin 2 as a measure of reactivity in mixed lymphocyte culture. Ilonen J, et al. **Immunobiology** 1984 Dec;167(5):399-402

Selection of the delayed hypersensitivity T effector and T suppressor cell response by antigen-presenting macrophages. Knop J, et al. **Immunobiology** 1984 Dec; 168(3-5):246-59 (77 ref.)

T-cell recruitment regulated by prostaglandin-mediated system and its role in immune response. Koga Y, et al. **Immunobiology** 1984 May;166(4-5):382-96

The growth of concanavalin-A activated, Lyt selected subsets in IL-2 containing supernatants. Kuppers RC, et al. **Immunobiology** 1984 Oct;167(4):365-75

Regulatory roles of human OKT4/OKT8 subsets in polyclonal immunoglobulin production induced by herpes simplex type 1 virus. Lum LG, et al. **Immunobiology** 1985 Apr;169(3):319-29

The presentation of cell surface alloantigens to T cells. Owens T, et al. **Immunobiology** 1984 Dec;168(3-5):189-201 (54 ref.)

Comparison of the inhibitory activity of seven anti-T8 antibodies on specific cellular cytotoxicity. Pichler WJ, et al. **Immunobiology** 1984 Oct;167(4):376-88

Interactions of T lymphocytes with human vascular endothelial cells: role of endothelial cells surface antigens. Pober JS, et al. **Immunobiology** 1984 Dec;168(3-5):483-94 (44 ref.)

Induction of 'allogeneic effect'-like reaction by syngeneic TNP-modified lymphoid cells. Ptak W, et al. **Immunobiology** 1984 May;166(4-5):368-81

Biotechnological production and functional characterization of leukocytic cytokine(s) with cytotoxic effect on resting but not activated thymocytes. Russmann E, et al. **Immunobiology** 1985 May;169(4):389-402

T-cell-lymphokines and the production and function of accessory cells. Schrader JW, et al. **Immunobiology** 1984 Dec;168(3-5):425-40 (55 ref.)

Studies on the mechanism whereby cyclosporin A inhibits T-lymphocyte activation. Stoeck M, et al. **Immunobiology** 1985 Feb;169(1):83-96

Interspecies cross-reactivity of Class II antigen of MHC determined by syngeneic, allogeneic and xenogeneic B and T cells. Yano A, et al. **Immunobiology** 1984 Dec; 168(3-5):154-66

Sequential changes of the T lymphocytes following ER rosette formation in guinea pigs. I. Expression of Fc and complement receptors. Yasumizu R, et al. **Immunobiology** 1985 Apr;169(3):292-302

Consequences of a single Ir-gene defect for the pathogenesis of lymphocytic choriomeningitis. Allan JE, et al. **Immunogenetics** 1985;21(6):581-9

Antigen-specific HLA-restricted human T-cell lines. II. A GAT-specific T-cell line restricted by a determinant carried by an HLA-DQ molecule. Ball EJ, et al. **Immunogenetics** 1984;20(5):547-64

An Ia-positive mouse T-cell clone is functional in presenting antigen to other T cells. Ben-Nun A, et al. **Immunogenetics** 1985;22(2):123-30

Restricted recognition of H-2 subregion coded alloantigens in delayed-type hypersensitivity. Bianchi AT, et al. **Immunogenetics** 1984;20(4):347-57

Distribution of alloreactivity among antigen-specific, class II-restricted T-cell clones and hybridomas. Bux E, et al. **Immunogenetics** 1985;22(2):189-92

Modulation of T-cell antigen receptor on lymphocyte membrane. Haars R, et al. **Immunogenetics** 1984; 20(4):397-405

Selective destruction by formaldehyde fixation of an H-2Kb serological determinant involving lysine 89 without loss of T-cell reactivity. Hua C, et al. **Immunogenetics** 1985; 21(3):227-34

The Pgp-1 antigen is expressed on early fetal thymocytes. Lesley J, et al. **Immunogenetics** 1985;22(2):149-57

The polypeptide structure and assembly of Ly-2/3 heterodimers. Murray BJ, et al. **Immunogenetics** 1985; 21(6):519-27

Allostimulating cells in man. Quantitative variation in the expression of HLA-DR and HLA-DQ molecules influences T-cell activation. Nuñez G, et al. **Immunogenetics** 1985;22(1):85-91

Clonospecific structural heterogeneity in the Thy-1 molecule from mouse T lymphocytes. Pont S, et al. **Immunogenetics** 1985;21(5):459-67

Close association between the Dw14 (LD40) subtype of HLA-DR4 and a restriction element for antigen-specific T-cell clones. Qvigstad E, et al. **Immunogenetics** 1984; 20(5):583-8

A highly homologous T-cell receptor beta-chain variable region is expressed in mouse and human T cells. Rinaldy A, et al. **Immunogenetics** 1985;21(4):403-6

Genes regulating HLA class I antigen expression in T-B lymphoblast hybrids. Salter RD, et al. **Immunogenetics** 1985;21(3):235-46

Restriction analysis of influenza-specific cloned cell lines issued from an HLA-DRw6/DR- donor. Sterkers G, et al. **Immunogenetics** 1984;20(6):693-7

Identification of two forms of the Ly-6.2 antigen showing differential expression. Sutton VR, et al. **Immunogenetics** 1985;21(6):539-47

A novel approach for localization of the continuous protein antigenic sites by comprehensive synthetic surface scanning: antibody and T-cell activity to several influenza hemagglutinin synthetic sites. Atassi MZ, et al. **Immunol Commun** 1984;13(6):539-51

Tetanus toxoid reactive T lymphocytes in the cerebrospinal fluid of multiple sclerosis patients. Burns J, et al. **Immunol Commun** 1984;13(4):361-9

Observation of the effect of substance P on human T and B lymphocyte proliferation. Zhu LP, et al. **Immunol Commun** 1984;13(5):457-64

T-cell dependency of the antibody response to free small synthetic peptides of a protein: demonstration with an antigenic site of myoglobin. Young CR, et al. **Immunol Invest** 1985 Feb;14(1):1-5

Antigen presentation by proliferating thymic macrophages to A (T,G)-A-L specific T cell line in an H-2 restricted manner. Axelrod O, et al. **Immunol Lett** 1985;10(1):25-30

Specificity study of PPD-reactive human T cell line and clones. Bach MA, et al. **Immunol Lett** 1985;9(2-3):81-5

Studies on T cell subsets in chronic urticaria by monoclonal antibodies. Doutre MS, et al. **Immunol Lett** 1985; 10(1):49-51

The activation of T cells with Staphylococcus aureus Cowan 1 (SAC). Ishizaka A, et al. **Immunol Lett** 1985;10(1):13-7

Autoimmune T-lymphocytes with specificity for pancreatic islet antigens. Kolb H, et al. **Immunol Lett** 1985;9(1):29-32

Autorosette formation in humans: study of the specificity of the T cell receptors for autologous erythrocytes. Nalet V, et al. **Immunol Lett** 1985;10(1):7-12

Production of a lymphocyte differentiating factor (ELDIF) by cultured human epidermal cells. Nicolas JF, et al. **Immunol Lett** 1985;9(2-3):65-8

Thymocyte activating factors from SV40-transformed human embryo fibroblasts. Okai Y, et al. **Immunol Lett** 1985;9(2-3):153-9

Cellular and growth factor requirements for the direct and indirect oxidative induction of interleukin 2 responsiveness in human thymocytes. Roffman E, et al. **Immunol Lett** 1985; 9(2-3):131-7

Induction of Ia antigens on thyroid cultures by syngeneic T lymphocytes: a model of autoimmune disease. Salamero J, et al. **Immunol Lett** 1985;9(5):285-9

Induction of K562 lysis in autologous LGL and dense T cell cocultures. Tsukuda K, et al. **Immunol Lett** 1985; 9(5):291-5

The murine T cell antigen receptor and associated structures. Allison JP, et al. **Immunol Rev** 1984 Oct;81:145-60

A murine T cell receptor gene complex: isolation, structure and rearrangement. Davis MM, et al. **Immunol Rev** 1984 Oct;81:235-58 (64 ref.)

T cells, the MHC, and function. Forman J. **Immunol Rev** 1984 Oct;81:203-19 (57 ref.)

Clonotypic antibodies which stimulate T cell clone proliferation. Frelinger J, et al. **Immunol Rev** 1984 Oct; 81:21-38

Cell surface antigen marking the stages of murine T cell ontogeny and its functional subsets. Habu S, et al. **Immunol Rev** 1984 Dec;82:117-39 (49 ref.)

Biochemistry and distribution of the T cell receptor. Hannum C, et al. **Immunol Rev** 1984 Oct;81:161-76 (61 ref.)

Reversal by interleukin-2 of the T cell unresponsiveness of lepromatous leprosy to Mycobacterium leprae. Haregewoin A, et al. **Immunol Rev** 1984 Aug;80:77-86

Two new fetal thymocyte antigens, FT-1 and FT-2. Kasai M, et al. **Immunol Rev** 1984 Dec;82:105-15 (24 ref.)

The structure and function of T cell receptor complexes. Kaye J, et al. **Immunol Rev** 1984 Oct;81:39-63

Cell surface structures involved in T cell activation. Lancki DW, et al. **Immunol Rev** 1984 Oct;81:65-94 (77 ref.)

Genes encoding the human T cell antigen receptor. Mak TW, et al. **Immunol Rev** 1984 Oct;81:221-33 (36 ref.)

Cell surface antigen expression on thymocytes: development and phenotypic differentiation of intrathymic subsets. Mathieson BJ, et al. **Immunol Rev** 1984 Dec;82:141-73 (125 ref.)

Clonotypic surface structure on human T lymphocytes: functional and biochemical analysis of the antigen receptor complex. Reinherz EL, et al. **Immunol Rev** 1984 Oct; 81:95-129

Characterization of the antigen-specific T cell receptor from a pigeon cytochrome c-specific T cell hybrid. Samelson LE, et al. **Immunol Rev** 1984 Oct;81:131-44

T cell development in the adult murine thymus: changes in the expression of the surface antigens Ly2, L3T4 and B2A2 during development from early precursor cells to emigrants. Scollay R, et al. **Immunol Rev** 1984 Dec; 82:79-103 (50 ref.)

I-J as an inducible T cell receptor for self. Tada T, et al. **Immunol Rev** 1985 Apr;83:105-24 (39 ref.)

Ly antigens associated with T cell recognition and effector function. Walker ID, et al. **Immunol Rev** 1984 Dec;82:47-77 (53 ref.)

Effects of platelet-derived growth factor and epidermal growth factor on antigen-induced proliferation of human T-cell lines. Acres RB, et al. **Immunology** 1985 Jan; 54(1):9-16

Equivalence of conventional anti-picryl T suppressor factor in the contact sensitivity system and monoclonal anti-NP TsF3: their final non-specific effect via the T acceptor cell. Asherson GL, et al. **Immunology** 1984 Nov;53(3):491-7

Analysis of the xenogeneic T-cell response to murine H-2 negative embryonal carcinoma cells. Aspinall R, et al. **Immunology** 1985 Mar;54(3):549-57

Antibodies to the T3 antigen complex on human T cells render thymocytes unresponsive to mitogen. Burns GF, et al. **Immunology** 1985 May;55(1):1-6

Inhibition of lymphocyte proliferation by free fatty acids. II. Toxicity of stearic acid towards phytohaemagglutinin-activated T cells. Buttke TM, et al. **Immunology** 1984 Nov;53(3):507-14

Inhibition of lymphocyte proliferation by free fatty acids. I. Differential effects on mouse B and T lymphocytes. Buttke TM. **Immunology** 1984 Oct;53(2):235-42

Autoreactive T-cell lines specific for mouse thyroglobulin. Champion BR, et al. **Immunology** 1985 Mar;54(3):513-9

Selection of BW 5147 subclones devoid of non-specific suppressive activity for use in cell hybridization. Chaouat G, et al. **Immunology** 1985 Feb;54(2):363-70

Macrophage-mediated suppression of T lymphocyte proliferation induced by oral carrageenan administration. Cochran FR, et al. **Immunology** 1984 Oct;53(2):291-7

Functionally distinct human T-lymphocyte clones sharing potent suppressive activity on immunoglobulin secretion. Falcioni F, et al. **Immunology** 1985 Apr;54(4):685-92

Human T-cell hybrids with HLA-restricted proliferative response to Epstein-Barr virus-infected B cells. Gallagher G, et al. **Immunology** 1984 Dec;53(4):611-21

A basophil-activating factor from human T lymphocytes. Goetzl EJ, et al. **Immunology** 1984 Oct;53(2):227-34

Adoptive transfer of acquired resistance to Mycobacterium kansasii by T cells harvested from chronically-infected mice. Hepper KP, et al. **Immunology** 1984 Dec;53(4):819-25

Dexamethasone suppresses concanavalin A-induced production of chemotactic lymphokines by releasing a soluble factor from splenic T lymphocytes. Hirashima M, et al. **Immunology** 1985 Mar;54(3):533-40

Differential requirements for rabbit dendritic cells and macrophages in T lymphocyte proliferation induced by various mitogens. Kapsenberg ML, et al. **Immunology** 1985 Jun;55(2):301-10

Separation and characterization of a subset of human T8+ cells which function as antigen-presenting and contrasuppressor cells. Lehner T, et al. **Immunology** 1985 Apr;54(4):713-22

Helper and suppressor functions of human mononuclear cells depleted of antigen-binding T8+ cells. Lehner T, et al. **Immunology** 1985 Apr;54(4):701-11

A comparative study of streptococcal antigen-binding human T8+ cells and monocytes, in relation to the HLA-DRw6 locus and the helper, suppressor and contrasuppressor functions. Lehner T, et al. **Immunology** 1984 Oct; 53(2):215-25

Surface phenotype of T cells producing growth of mucosal mast cells in normal rat bone marrow culture. McMenamin C, et al. **Immunology** 1985 Jul;55(3):399-403

The T-cell mediated immune response to Schistosoma mansoni. I. Generation of stage-specific, MHC-restricted proliferative T-cell clones to soluble egg antigens. Mak NK, et al. **Immunology** 1985 Apr;54(4):625-33

Lymphocyte chemotaxis in inflammation. X. Heterogeneity of chemotactic responsiveness in human T subsets towards lymphocyte chemotactic factors from delayed hypersensitivity reaction site. Mibu Y, et al. **Immunology** 1985 Jul;55(3):473-9

Isolation of specific antigen-reactive T-cell clones from nude (nu/nu) mice infected with Mesocestoides corti. Sanderson CJ, et al. **Immunology** 1985 Feb;54(2):275-9

Immunological studies of ageing. X. Impaired T lymphocytes and normal monocyte response from elderly humans to the mitogenic antibodies OKT3 and Leu 4. Schwab R, et al. **Immunology** 1985 Aug;55(4):677-84

Comparison of phorbol myristate acetate and phytohaemagglutinin as stimulators of in vitro T lymphocyte colony formation of human peripheral blood lymphocytes. I. Surface markers of colony cells. Suzawa T, et al. **Immunology** 1984 Nov;53(3):499–505

The regulation of tissue eosinophilia. III. In vitro production of eosinophil-directed chemotactic inhibitory factor by T lymphocytes of complete Freund's adjuvant-treated guinea-pigs. Tashiro K, et al. **Immunology** 1985 May; 55(1):115–24

T-lymphocyte progenitors in man: biochemical characterization of a colony promoting activity (CPA) active on immature precursors. Triebel F, et al. **Immunology** 1984 Dec;53(4):651–7

Migration inhibition factor secreting human T-cell lines reactive to PPD: a study of their antigen specificity, MHC restriction and the use of Epstein-Barr virus-transformed B-cell lines as requirement for antigen-presenting cells. Vyakarnam A, et al. **Immunology** 1984 Dec;53(4):601–10

Inhibition by human T-lymphotropic virus (HTLV-I) of T-lymphocyte mitogenesis: failure of exogenous T-cell growth factor to restore responsiveness to lectin. Wainberg MA, et al. **Immunology** 1985 Jan;54(1):1–7

Production of a T-cell hybrid producing a lymphokine stimulating eosinophil differentiation. Warren DJ, et al. **Immunology** 1985 Apr;54(4):615–23

Lymphatic mast cells in response to in vitro stimulation by non-specific T-cell mitogens. Włodarski K, et al. **Immunology** 1985 Jun;55(2):311–5

The effects of cyclic nucleotides on the proliferation of cultured human T-lymphocytes. Maca RD. **Immunopharmacology** 1984 Oct;8(2):53–60

Serum blocking factors in carcinoma. Gupta SC, et al. **Indian J Cancer** 1984 Mar–Apr;21(1):11–3

Changes in concentration of lymphocytes subpopulations in Rhesus monkey during Plasmodium knowlesi infection and in drug-cured immune monkeys. Sharma P, et al. **Indian J Malariol** 1984 Jun;21(1):31–6

Mouse typhoid in normal & T-cell deficient animals. Kumar A, et al. **Indian J Med Res** 1984 Nov;80:557–62

Lymphocyte reactivity to phytohaemmagglutinin during pregnancy & its modulation by foetal calf serum. Ponnappan U, et al. **Indian J Med Res** 1984 Jun;79:772–8

T-cell-mediated immune response in murine malaria: differential effects of antigen-specific Lyt T-cell subsets in recovery from Plasmodium yoelii infection in normal and T-cell-deficient mice. Brinkmann V, et al. **Infect Immun** 1985 Mar;47(3):737–43

Evolution of cell types and T-cell subsets in the spleens of Mycobacterium bovis BCG-resistant and M. bovis BCG-susceptible strains of mice after infection with M. bovis BCG. Denis M, et al. **Infect Immun** 1985 Jul; 49(1):253–5

Effective protection against Listeria monocytogenes and delayed-type hypersensitivity to listerial antigens depend on cooperation between specific L3T4+ and Lyt 2+ T cells. Kaufmann SH, et al. **Infect Immun** 1985 Apr; 48(1):263–6

Antigen-reactivity pattern of T-cell hybridomas from Mycobacterium bovis BCG-infected mice. Müller I, et al. **Infect Immun** 1985 Sep;49(3):838–40

Effects of first-order Cryptococcus-specific T-suppressor cells on induction of cells responsible for delayed-type hypersensitivity. Murphy JW. **Infect Immun** 1985 May; 48(2):439–45

Passive transfer of tuberculin sensitivity from anergic mice. Orme IM, et al. **Infect Immun** 1984 Dec;46(3):850–3

Adoptive transfer of murine host protection to salmonellosis with T-cell growth factor-dependent, Salmonella-specific T-cell lines. Paul C, et al. **Infect Immun** 1985 Apr; 48(1):40–3

Production of macrophage-activating and migration-inhibition factors in vitro by serologically selected and cloned Listeria monocytogenes-specific T cells of the Lyt 1+2– phenotype. Sperling U, et al. **Infect Immun** 1984 Oct;46(1):111–5

Production of Listeria-specific rat T-cell clones and role of interleukin-2 receptors in regulation of Listeria-dependent T-cell clone growth in vitro. Stolpmann RM, et al. **Infect Immun** 1985 Mar;47(3):822–6

Immune suppression and induction of gamma interferon by pertussis toxin. Vogel FR, et al. **Infect Immun** 1985 Jul; 49(1):90–7

T cell dependence of human IgE response: quantitative and functional studies. Gurbindo C, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):445–50

Persistent IgE-secreting cells which are refractory to T-cell control. Holt PG, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):45–6

IgE-binding factors. Selective regulation of the IgE response by T cell factors. Ishizaka K, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):13–20

Effects of a single oral dose of dinitrochlorobenzene on T lymphocyte distribution and migration in the gut. Jeurissen SH, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):384–9

Secretion of IgE-specific potentiating factors by human Fc epsilon R+ T cell lines. Leung DY, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):232–4

Suppression of T lymphocyte mitogen response in patients with mastocytosis. Olafsson JH, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):423–9

Distinction of the human basophil promoting activity from human interleukin-3. Stadler BM, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):151–4

Regulation of human IgE response by T cells and their products. Suemura M, et al. **Int Arch Allergy Appl Immunol** 1985;77(1–2):26–31

Passive adoptive immunotherapy of low-immunogenic BALB/c lymphoma by syngeneic alloimmune T lymphocytes. Colombo MP, et al. **Int J Cancer** 1984 Dec 15;34(6):807–13

Incidence of adult T-cell leukemia-lymphoma and its familial clustering. Kondo T, et al. **Int J Cancer** 1985 Jun 15; 35(6):749–51

Selection and characterization of monoclonal antibodies to the idiotype-like structure of an interleukin-2-producing human leukemia T-cell line. Moretta A, et al. **Int J Cancer** 1985 Aug 15;36(2):253–9

Localized cutaneous cryptococcosis in an immunosuppressed man. Geyer SJ, et al. **Int J Dermatol** 1984 Dec;23(10):673–5

Thymulin (FTS-Zn) induced in vitro modulation of T cell subsets markers on lymphocytes from rheumatoid arthritis and systemic lupus erythematosus patients. Faure G, et al. **Int J Immunopharmacol** 1984;6(4):381–8

Effects of dietary technical pentachlorophenol exposure on T cell, macrophage and natural killer cell activity in C57Bl/6 mice. Kerkvliet NI, et al. **Int J Immunopharmacol** 1985;7(2):239–47

Synergistic effect of N-acetyl-D-glucosamine (NAG) on mitogenic, antigenic and allogeneic stimulation of normal human lymphocytes. Komlos L, et al. **Int J Immunopharmacol** 1984;6(6):593–9

Modulation of the growth of murine thymoma cell lines having different Lyt-phenotypes by MDP and MDP(D-D): macrophage-mediated inhibition of in vitro cell growth. Phillips NC, et al. **Int J Immunopharmacol** 1984;6(6):577–85

The cellular content of dermal leprous granulomas: an immuno-histological approach. Wallach D, et al. **Int J Lepr** 1984 Sep;52(3):318–26

Changes in T and B lymphocyte subpopulations before, during and after chemotherapy for malignant melanoma. Bernengo MG, et al. **Int J Tissue React** 1984;6(6):505–11

T lymphocytes in children with recurrent respiratory infections: effect of the use of thymostimulin on the alterations of T-cell subsets. De Martino M, et al. **Int J Tissue React** 1984;6(3):223–8

Lymphocyte surface antigens: a longitudinal study during the first month of human life. Gerli R, et al. **Int J Tissue React** 1984;6(6):537–40

Appearance of Ia antigens on T lymphocytes stimulated by streptococcal mitogen as an in vitro model of autoimmunity. Quagliata F, et al. **Int J Tissue React** 1985; 7(1):47–53

An enterovirus-induced murine model of an acute dilated-type cardiomyopathy. Reyes MP, et al. **Intervirology** 1984;22(3):146–55

Structural studies of T lymphocyte Fc receptors. Association of Gc protein with IgG binding to Fc gamma. Petrini M, et al. **J Biol Chem** 1985 Feb 10;260(3):1804–10

Interleukin-2 administered in vivo induces the growth and augments the function of cultured T cells in vivo. Cheever MA, et al. **J Biol Response Mod** 1984 Oct;3(5):462–7

Recombinant DNA-derived interferons-alpha and -beta modulate the alloactivated proliferative response of bulk and cloned human lymphocytes. Chen BP, et al. **J Biol Response Mod** 1985 Jun,4(3):287–97

T cell nature of adjuvant peptide--induced antitumor cell-mediated cytotoxicity. Eggers AE, et al. **J Biol Response Mod** 1984 Aug;3(4):387–90

Effector mechanisms operative in adoptive therapy of tumor-bearing animals: implications for the use of interleukin-2. Greenberg PD, et al. **J Biol Response Mod** 1984 Oct;3(5):455–61

T cell growth factor required for optimal induction of T cell growth factor receptor expression in phytohemagglutinin-stimulated T cells. Reeves WG, et al. **J Biol Response Mod** 1985 Feb;4(1):83–95

Depletion of T cells from human bone marrow with monoclonal antibody CT-2 and complement. Trigg ME, et al. **J Biol Response Mod** 1984 Aug;3(4):406–12

THF, a thymic hormone, promotes interleukin-2 production in intact and thymus-deprived mice. Umiel T, et al. **J Biol Response Mod** 1984 Aug;3(4):423–34

Release of hemopoietic factors by normal human T cell lines with either suppressor or helper activity. Lanfrancone L, et al. **J Cell Physiol** 1985 Jan;122(1):7–13

Diagnostic concepts in clinical organ transplantation: histocompatibility testing and T cell monitoring. Wonigeit K. **J Clin Chem Clin Biochem** 1984 Dec;22(12):959–67

Cocultures of human thyroid monolayer cells and autologous T cells: impact of HLA class II antigen expression. Davies TF. **J Clin Endocrinol Metab** 1985 Sep;61(3):418–22

The human T-cell receptor. Acuto O, et al. **J Clin Immunol** 1985 May;5(3):141–57 (73 ref.)

A mature thymocyte-like phenotypic pattern on human cord circulating T-lymphoid cells. Gerli R, et al. **J Clin Immunol** 1984 Nov;4(6):461–8

Autologous mixed lymphocyte reaction in man. XIII. Characterization of the T-T autologous mixed lymphocyte reaction. Gupta S, et al. **J Clin Immunol** 1985 May; 5(3):187–94

The effect of cyclosporine on immunization with tetanus and keyhole limpet hemocyanin (KLH) in humans. Palestine AG, et al. **J Clin Immunol** 1985 Mar;5(2):115–21

Defective monocyte function in acquired immune deficiency syndrome (AIDS): evidence from a monocyte-dependent T-cell proliferative system. Prince HE, et al. **J Clin Immunol** 1985 Jan;5(1):21–5

Abnormal expression pattern of Tac and T9 antigens on in vitro activation of leukemic T cells. Tsuda H, et al. **J Clin Immunol** 1985 Mar;5(2):109–14

Differentiation and activation phenotypes of lung T lymphocytes differ from those of circulating T lymphocytes. Davidson BL, et al. **J Clin Invest** 1985 Jul; 76(1):60–5

Role of the thymus in induction and transfer of vaccination against adjuvant arthritis with a T lymphocyte line in rats. Holoshitz J, et al. **J Clin Invest** 1985 Feb;75(2):472–7

Studies of the pathogenesis of angioimmunoblastic lymphadenopathy. Honda M, et al. **J Clin Invest** 1985 Jul; 76(1):332–40

Discordance between surface and cytoplasmic expression of the Leu-4 (T3) antigen in thymocytes and in blast cells from childhood T lymphoblastic malignancies. Link MP, et al. **J Clin Invest** 1985 Jul;76(1):248–53

Suppression of normal human erythropoiesis by gamma interferon in vitro. Role of monocytes and T lymphocytes. Mamus SW, et al. **J Clin Invest** 1985 May;75(5):1496–503

Maintenance of antigen specificity by human interleukin-2-dependent T cell lines. Use of antigen-presenting cells and OKT3 antibody in the absence of antigen. Padula SJ, et al. **J Clin Invest** 1985 Mar; 75(3):788–97

Inhibition of T lymphocyte mitogenesis by 1,25-dihydroxyvitamin D3 (calcitriol). Rigby WF, et al. **J Clin Invest** 1984 Oct;74(4):1451–5

A human T cell lymphoma secreting an immunoglobulin F specific helper factor. Young MC, et al. **J Clin Invest** 1985 Jun;75(6):1977–82

T cell early activation antigens expressed by peripheral lymphocytes in Crohn's disease. Fais S, et al. **J Clin Lab Immunol** 1985 Feb;16(2):75–6

Regulatory functions of T- and accessory-cells for hepatitis B surface antigen induced specific antibody production and proliferation of human peripheral blood lymphocytes, in vitro. Hellström U, et al. **J Clin Lab Immunol** 1985 Apr; 16(4):173–81

The role of peripheral blood T and B lymphocytes in mitogen responses during human pregnancy. Hirahara F, et al. **J Clin Lab Immunol** 1985 Apr;16(4):191–5

Partial purification and physicochemical properties of human T cell migration inhibitory factor (TIF). Kowalczyk D, et al. **J Clin Lab Immunol** 1984 Oct;15(2):105–10

Analysis of the relationship between T cell subsets and in vitro B cell responses in multiple myeloma. Levinson AI, et al. **J Clin Lab Immunol** 1985 Jan;16(1):23–6

In vitro generation of NK-like activity in human PBL co-cultured with fresh T leukaemia cells. Matera L, et al. **J Clin Lab Immunol** 1984 Oct;15(2):85–90

Depressed effector activity of OKT4+ and OKT8+ T cell subsets in lectin-dependent cell-mediated cytotoxicity to HEP-2 cells in patients with systemic lupus erythematosus. Perl A, et al. **J Clin Lab Immunol** 1984 Oct;15(2):95–100

E-receptors mediate the attachment of activated T-lymphocytes to human red blood cells: evidence from studies with monoclonal antibodies and simple sugars. Schlesinger M, et al. **J Clin Lab Immunol** 1984 Sep; 15(1):27–33

Immunological effect of silica dust analyzed by monoclonal antibodies. Youinou P, et al. **J Clin Lab Immunol** 1985 Apr; 16(4):207–10

Epidermal cells bearing both I-A and I-E subregion antigens can induce hen egg white lysozyme-specific T lymphocyte proliferation. Katoh K, et al. **J Dermatol (Tokyo)** 1985 Feb; 12(1):20–30

Molecular analysis of T cell receptor (Ti) variable region (V) gene expression. Evidence that a single Ti beta V gene family can be used in formation of V domains on phenotypically and functionally diverse T cell populations. Acuto O, et al. **J Exp Med** 1985 Jun 1;161(6):1326–43

Stimulation of a subset of normal resting T lymphocytes by a monoclonal antibody to a crossreactive determinant of the human T cell antigen receptor. Bigler RD, et al. **J Exp Med** 1985 Jun 1;161(6):1450–63

Antigen-specific, I-A-restricted suppressor hybridomas with spontaneous cytolytic activity. Functional properties and lack of rearrangement of the T cell receptor beta chain genes. Blanckmeister CA, et al. **J Exp Med** 1985 Sep 1; 162(3):851–63

Origin and specificity of autoreactive T cells in antigen-induced populations. Faherty DA, et al. **J Exp Med** 1985 Jun 1;161(6):1293–301

Role of L3T4 in antigen-driven activation of a class I-specific T cell hybridoma. Greenstein JL, et al. **J Exp Med** 1985 Jul 1;162(1):369–74

Human T cell activation. I. Monocyte-independent activation and proliferation induced by anti-T3 monoclonal antibodies in the presence of tumor promoter 12-o-tetradecanoyl phorbol-13 acetate. Hara T, et al. **J Exp Med** 1985 Apr 1;161(4):641–56

Human T cell activation. II. A new activation pathway used by a major T cell population via a disulfide-bonded dimer of a 44 kilodalton polypeptide (9.3 antigen). Hara T, et al. **J Exp Med** 1985 Jun 1;161(6):1513–24

The cell surface molecule recognized by the erythrocyte receptor of T lymphocytes. Identification and partial characterization using a monoclonal antibody. Hünig T. **J Exp Med** 1985 Sep 1;162(3):890–901

Resting and sensitized T lymphocytes exhibit distinct stimulatory (antigen-presenting cell) requirements for growth and lymphokine release. Inaba K, et al. **J Exp Med** 1984 Dec 1;160(6):1717-35

An analysis of in vitro T cell responsiveness in lepromatous leprosy. Kaplan G, et al. **J Exp Med** 1985 Sep 1; 162(3):917-29

Thymus dictates major histocompatibility complex (MHC) specificity and immune response gene phenotype of class II MHC-restricted T cells but not of class I MHC-restricted T cells. Kast WM, et al. **J Exp Med** 1984 Dec 1;160(6):1752-66

Sequential expression of genes involved in human T lymphocyte growth and differentiation. Krönke M, et al. **J Exp Med** 1985 Jun 1;161(6):1593-8

Synergism between T and non-T cells in the in vivo induction and in vitro expression of graft-vs.-host disease-induced natural suppressor cells. Maier T, et al. **J Exp Med** 1985 Sep 1;162(3):979-92

Interleukin 2 upregulates expression of its receptor on a T cell clone. Malek TR, et al. **J Exp Med** 1985 Jun 1; 161(6):1575-80

Human malignant T cells capable of inducing an immunoglobulin class switch. Mayer L, et al. **J Exp Med** 1985 Jan 1;161(1):134-44

Involvement of T44 molecules in an antigen-independent pathway of T cell activation. Analysis of the correlations to the T cell antigen-receptor complex. Moretta A, et al. **J Exp Med** 1985 Sep 1;162(3):823-38

Normal Lyt-1+2- T cells have the unique capacity to respond to syngeneic autoreactive T cells. Demonstration of a T cell network. Nagarkatti PS, et al. **J Exp Med** 1985 Jul 1;162(1):375-80

Human T cell clones express functional homing receptors required for normal lymphocyte trafficking. Navarro RF, et al. **J Exp Med** 1985 Sep 1;162(3):1075-80

Immune complexes can trigger specific, T cell-dependent, autoanti-IgG antibody production in mice. Nemazee DA. **J Exp Med** 1985 Jan 1;161(1):242-56

Identification of the principal T lymphocyte-stimulating antigens of Pseudomonas aeruginosa. Parmely MJ, et al. **J Exp Med** 1984 Nov 1;160(5):1338-49

Identification, at the genomic level, of an HLA-DR restriction element for cloned antigen-specific T4 cells. Paulsen G, et al. **J Exp Med** 1985 Jun 1;161(6):1569-74

A model for the differentiation of human natural killer cells. Studies on the in vitro activation of Leu-11+ granular lymphocytes with a natural killer-sensitive tumor cell, K562. Phillips JH, et al. **J Exp Med** 1985 Jun 1; 161(6):1464-82

Inhibition of antigen-specific T lymphocyte activation by structurally related Ir gene-controlled polymers. II. Competitive inhibition of I-E-restricted, antigen-specific T cell responses. Rock KL, et al. **J Exp Med** 1984 Dec 1;160(6):1864-79

Distinct recognition phenotypes exist for T cell clones specific for small peptide regions of proteins. Implications for the mechanisms underlying major histocompatibility complex-restricted antigen recognition and clonal deletion models of immune response gene defects. Shastri N, et al. **J Exp Med** 1985 Jul 1;162(1):332-45

T cell development in B cell-deficient mice. II. Serological characterization of suppressor T cell factors (TsF1) produced in normal mice and in mice treated chronically with rabbit anti-mouse IgM antibodies. Sy MS, et al. **J Exp Med** 1985 Jun 1;161(6):1402-13

Differential requirements of B cells from normal and allergic subjects for the induction of IgE synthesis by an alloreactive T cell clone. Umetsu DT, et al. **J Exp Med** 1985 Jul 1;162(1):202-14

Functional properties of T cell clones with a double specificity for alloantigens and foreign antigens. Waters SJ, et al. **J Exp Med** 1984 Nov 1;160(5):1300-15

Requirement for the coexpression of T3 and the T cell antigen receptor on a malignant human T cell line. Weiss A, et al. **J Exp Med** 1984 Nov 1;160(5):1284-99

Interleukin 2 regulates the expression of Tac antigen on peripheral blood T lymphocytes. Welte K, et al. **J Exp Med** 1984 Nov 1;160(5):1390-403

Injection of anti-thy-1.2 serum breaks genetic resistance of mice against herpes simplex virus. Chmielarczyk W, et al. **J Gen Virol** 1985 May;66 (Pt 5):1087-94

A possible explanation for the synergism between mixed T- and B- cell populations in mice adoptively immunized with Ancylostoma caninum. Kolhe N, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):479-84

Immune system dysfunction contributes to the aetiology of spontaneous hypertension. Norman RA Jr, et al. **J Hypertens** 1985 Jun;3(3):261-8

Ir gene control of T and B cell responses to determinants in (Glu Lys Ala) terpolymers. Babu UM, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):251-4

T cell recognition of lysozyme. IV. Localization and genetic control of the continuous T cell recognition sites by synthetic overlapping peptides representing the entire protein chain. Bixler GS Jr, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):327-37

T cell recognition of myoglobin. Localization of the sites stimulating T cell proliferative responses by synthetic overlapping peptides encompassing the entire molecule. Bixler GS Jr, et al. **J Immunogenet** 1984 Oct-Dec; 11(5-6):339-53

T cell recognition of lysozyme. III. Recognition of the 'surface-simulation' synthetic antigenic sites. Bixler GS Jr, et al. **J Immunogenet** 1984 Jun-Aug;11(3-4):245-50

Fine specificities of the murine T cell responses to (Glu Lys Ala) terpolymers. Lai CH, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):355-63

Restricted expression of LW antigen on subsets of human B and T lymphocytes. Oliveira OL, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):297-303

Antigen presentation by hapten-specific B lymphocytes. II. Specificity and properties of antigen-presenting B lymphocytes, and function of immunoglobulin receptors. Abbas AK, et al. **J Immunol** 1985 Sep;135(3):1661-7

Recognition and display of the predominant idiotype among members of the regulatory circuitry controlling the anti-lysozyme immune response. Araneo BA, et al. **J Immunol** 1985 Feb;134(2):1073-9

Interleukin 2 acts directly on a Tac-positive cloned B cell line established from a patient with adult T cell leukemia. Arima N, et al. **J Immunol** 1985 Oct;135(4):2474-7

Human B lymphoblastoid cell lines provide an interleukin 1-like signal for mitogen-treated T lymphocytes via direct cell contact. Arnold A, et al. **J Immunol** 1985 Jun; 134(6):3876-81

Antigen-induced acceleration of shedding and replacement of B cell antigen receptors requires mature T cells. Ashman RF, et al. **J Immunol** 1985 Jul;135(1):100-5

The decline in murine splenic PHA and LPS responsiveness with age is primarily due to an intrinsic mechanism. Averill LE, et al. **J Immunol** 1985 Jun;134(6):3859-63

Accessory cell function in the Con A response: role of Ia-positive and Ia-negative accessory cells. Bekoff M, et al. **J Immunol** 1985 Mar;134(3):1337-42

T cell clones to two major T cell epitopes of myoglobin: effect of I-A/I-E restriction on epitope dominance. Berkower I, et al. **J Immunol** 1985 Oct;135(4):2628-34

H-2-linked Ir gene control of T cell recognition of the Sm nuclear autoantigen and the aberrant response of autoimmune MRL/Mp-+/+ mice. Bernard NF, et al. **J Immunol** 1985 Jun;134(6):3812-8

Response of MRL/Mp-+/+ mice to mouse Sm: non-H-2-linked genes determine T cell recognition. Bernard NF, et al. **J Immunol** 1985 Mar;134(3):1422-5

The interference of T cell activation by calcium channel blocking agents. Birx DL, et al. **J Immunol** 1984 Dec; 133(6):2904-9

T cell activation via CD2 [T, gp50] molecules: accessory cells are required to trigger T cell activation via CD2-D66 plus CD2-9.6/T11(1) epitopes. Brottier P, et al. **J Immunol** 1985 Sep;135(3):1624-31

Human splenic sinusoidal lining cells express antigens associated with monocytes, macrophages, endothelial cells, and T lymphocytes. Buckley PJ, et al. **J Immunol** 1985 Apr;134(4):2310-5

T cell regulation of light chain expression: preferential enhancement of Ig kappa production by T cells in the response to DNP. Burkly LC, et al. **J Immunol** 1985 Sep; 135(3):1577-81

T cell regulation of light chain expression: preferential enhancement of Ig kappa in a primary thymus-dependent response does not require affinity-based selection. Burkly LC, et al. **J Immunol** 1985 Sep;135(3):1573-6

Pregnancy-associated growth factor. II. A T-dependent polyclonal activator of human adult peripheral blood lymphocytes (PBL). Carlino JA, et al. **J Immunol** 1985 Mar;134(3):1702-8

Prostaglandin E2 acts at two distinct pathways of T lymphocyte activation: inhibition of interleukin 2 production and down-regulation of transferrin receptor expression. Chouaib S, et al. **J Immunol** 1985 Aug; 135(2):1172-9

Antigen presentation by EBV-B cells to resting and activated T cells: role of interleukin 1. Chu ET, et al. **J Immunol** 1985 Mar;134(3):1676-81

Analysis of the monocyte Fc receptors and antibody-mediated cellular interactions required for the induction of T cell proliferation by anti-T3 antibodies. Clement LT, et al. **J Immunol** 1985 Jul;135(1):165-71

Activation of Lyt-1+ and Lyt-2+ T cell cloned lines: stimulation of proliferation, lymphokine production, and self-destruction. Conta BS, et al. **J Immunol** 1985 Apr; 134(4):2185-90

Differential effects of two anti-apo-cytochrome c-specific monoclonal antibodies on the function of apo-cytochrome c-specific murine T cell clones. Corradin G, et al. **J Immunol** 1984 Dec;133(6):2915-9

Type II collagen-reactive T cell clones from mice with collagen-induced arthritis. Dallman M, et al. **J Immunol** 1985 Aug;135(2):1113-8

Immunoregulatory T cell circuits in man. Identification of a distinct T cell subpopulation of the helper/inducer lineage that amplifies the development of alloantigen-specific suppressor T cells. Damle NK, et al. **J Immunol** 1985 Jan; 134(1):235-43

Macrophage T lymphocyte interactions in the anti-tumor immune response: a mathematical model. De Boer RJ, et al. **J Immunol** 1985 Apr;134(4):2748-58

B cell activation: role of dendritic and T cell factors in the response to thymic-independent and -dependent antigens. DeKruyff R, et al. **J Immunol** 1985 May;134(5):2860-6

Activation requirements of cloned inducer T cells. I. Differential inhibition by anti-L3T4 or anti-I-A is determined by the accessory cell population. DeKruyff R, et al. **J Immunol** 1985 Oct;135(4):2243-8

Reconstitution of nude mouse T cell function in vivo: IL 2-independent effect of human T cells. Dosch HM, et al. **J Immunol** 1985 Jan;134(1):336-42

Immunity to leprosy. II. Genetic control of murine T cell proliferative responses to Mycobacterium leprae. Douglas-Jones AG, et al. **J Immunol** 1985 Oct; 135(4):2824-8

Subsets of Lyt-2+ cells defined by differential expression of the 9F3 antigen: alterations in mice of the lpr/lpr genotype. Dumont FJ, et al. **J Immunol** 1985 Jan; 134(1):196-203

An examination of the TRF assay reveals a heterogeneity of TRF-like activities. Eisenberg L. **J Immunol** 1985 Jun; 134(6):3920-5

Isolation of stable mouse L cell transfectant expressing human T cell differentiation antigen, Tp40. Emi N, et al. **J Immunol** 1985 May;134(5):2817-9

The immunological basis of tumor rejection: the absolute dependence of the effector arm on sensitized T cells after chemoimmunotherapy of a murine sarcoma. Evans R, et al. **J Immunol** 1985 Jun;134(6):4255-60

Amplification of immune T lymphocyte function in situ: the identification of active components of the immunologic network during tumor rejection. Evans R, et al. **J Immunol** 1985 Aug;135(2):1498-504

Astrocytes as antigen-presenting cells. I. Induction of Ia antigen expression on astrocytes by T cells via immune interferon and its effect on antigen presentation. Fierz W, et al. **J Immunol** 1985 Jun;134(6):3785-93

Defective T cell response to presented antigen in autoimmune mice. Fischbach M. **J Immunol** 1984 Nov;133(5):2365-8

Recognition of viral antigens by human influenza A virus-specific T lymphocyte clones. Fleischer B, et al. **J Immunol** 1985 Oct;135(4):2800-4

A monoclonal antibody that recognizes an Ly-6-linked antigen inhibits the generation of functionally active T cell subsets. Flood PM, et al. **J Immunol** 1985 Jul;135(1):63-72

Investigations into the nature of Igh-V region-restricted T cell interactions by using antibodies to antigens on methylcholanthrene-induced sarcomas. I. Analysis of an Igh-V-restricted suppressor-inducer factor. Flood PM. **J Immunol** 1985 Mar;134(3):1665-72

A 64,000 dalton matrix protein of human cytomegalovirus induces in vitro immune responses similar to those of whole viral antigen. Forman SJ, et al. **J Immunol** 1985 May; 134(5):3391-5

Activation of human thymocytes via the 50KD T11 sheep erythrocyte binding protein induces the expression of interleukin 2 receptors on both T3+ and T3- populations. Fox DA, et al. **J Immunol** 1985 Jan;134(1):330-5

The mechanism of tumor growth inhibition by tumor-specific Lyt-1+2-T cells. I. Antitumor effect of Lyt-1+2-T cells depends on the existence of adherent cells. Fujiwara H, et al. **J Immunol** 1985 Sep;135(3):2187-91

cAMP is an essential signal in the induction of antibody production by B cells but inhibits helper function of T cells. Gilbert KM, et al. **J Immunol** 1985 Sep;135(3):2084-9

Evidence that autoreactive T hybridomas recognize multiple epitopes on the I-Ak molecule. Glimcher LH, et al. **J Immunol** 1985 Mar;134(3):1780-6

Augmentation of macrophage complement receptor function in vitro. V. Studies on the mechanisms of ligation of macrophage Fc receptors required to trigger macrophages to signal T lymphocytes to elaborate the lymphokine that activates macrophage C3 receptors for phagocytosis. Griffin FM Jr, et al. **J Immunol** 1985 Jul;135(1):344-9

Effect of lipoxygenase metabolites of arachidonic acid on proliferation of human T cells and T cell subsets. Gualde N, et al. **J Immunol** 1985 Feb;134(2):1125-9

BCGFII activity on activated B cells of a purified murine T cell-replacing factor (TRF) from a T cell hybridoma (B151K12). Harada N, et al. **J Immunol** 1985 Jun; 134(6):3944-51

Lyt-1 cells mediate acute murine experimental allergic encephalomyelitis. Hauser SL, et al. **J Immunol** 1984 Nov; 133(5):2288-90

Redistribution of Lyt-bearing T cells in acute murine experimental allergic encephalomyelitis: selective migration of Lyt-1 cells to the central nervous system is associated with a transient depletion of Lyt-1 cells in peripheral blood. Hauser SL, et al. **J Immunol** 1984 Dec;133(6):3037-42

The T cell response to the glycoprotein D of the herpes simplex virus: the significance of antigen conformation. Heber-Katz E, et al **J Immunol** 1985 Aug;135(2):1385-90

Distribution of cells bearing the Tac antigen during ontogeny of human lymphoid tissue. Hofman FM, et al. **J Immunol** 1985 Jun;134(6):3751-5

The distribution of the Qa-2 alloantigen on functional T lymphocytes. Hogarth PM, et al. **J Immunol** 1985 Sep; 135(3):1632-6

Antibodies to nonpolymorphic determinants of the Thy-1 molecule inhibit T cell proliferation. Hollander N. **J Immunol** 1985 May;134(5):2916-21

Characterization and partial purification of a specific interleukin 2 inhibitor. Honda M, et al. **J Immunol** 1985 Sep;135(3):1834-9

Interaction of interleukin 2 with cells: quantitative analysis of effects. Hooton JW, et al. **J Immunol** 1985 Oct; 135(4):2464-73

Natural killing target antigens as inducers of interferon:

studies with an immunoselected, natural killing-resistant human T lymphoblastoid cell line. Howell DN, et al. **J Immunol** 1985 Feb;134(2):971-6

I-A-controlled T cell molecules: protease sensitivity. Hullett DA, et al. **J Immunol** 1984 Dec;133(6):3183-7

The response of gut-associated T lymphocytes to intestinal viral immunization. Issekutz TB. **J Immunol** 1984 Dec; 133(6):2955-60

The immunobiology of the T cell response to Mls-locus-disparate stimulator cells. I. Unidirectionality, new strain combinations, and the role of Ia antigens. Janeway CA Jr, et al. **J Immunol** 1985 Apr;134(4):2057-63

Immunoregulatory pathways in adult responder mice. II. Regulation of delayed-type hypersensitivity responses by GAT-specific suppressor factors present in GAT-tolerant adult responder mice. Jenkins MK, et al. **J Immunol** 1985 Jan;134(1):114-21

Delineation of three subsets of class I human T antigens (HTA) on Molt-4 cells: serologic and regulatory relationship to HLA class I antigens. Kahn-Perles B, et al. **J Immunol** 1985 Mar;134(3):1759-65

Lymphokine-mediated induction of cytolytic activity in a T cell hybridoma. Kanagawa O, et al. **J Immunol** 1985 Jan;134(1):397-403

Recognition of influenza virus hemagglutinin by subtype-specific and cross-reactive proliferative T cells: contribution of HA1 and HA2 polypeptide chains. Katz JM, et al. **J Immunol** 1985 Jan;134(1):616-22

The immunobiology of T cell responses to Mls-locus-disparate stimulator cells. II. Effects of Mls-locus-disparate stimulator cells on cloned, protein antigen-specific, Ia-restricted T cell lines. Katz ME, et al. **J Immunol** 1985 Apr;134(4):2064-70

Mechanisms of human T cell response to mitogens: IL 2 induces IL 2 receptor expression and proliferation but not IL 2 synthesis in PHA-stimulated T cells. Katzen D, et al. **J Immunol** 1985 Sep;135(3):1840-5

Vaccination against the intracellular bacterium Listeria monocytogenes with a clonotypic antiserum. Kaufmann SH, et al. **J Immunol** 1985 Jun;134(6):4123-7

Interleukins 2 and 3 regulate the in vitro proliferation of two distinguishable populations of 20-alpha-hydroxysteroid dehydrogenase-positive cells. Keller JR, et al. **J Immunol** 1985 Sep;135(3):1864-71

A novel anti-Ia monoclonal antibody which specifically enhances the corresponding T cell alloreactivity. Kimura AK, et al. **J Immunol** 1984 Nov;133(5):2360-4

The molecular basis of the requirement for antigen processing of pigeon cytochrome c prior to T cell activation. Kovač Z, et al. **J Immunol** 1985 May;134(5):3233-40

In vitro T cell hyperreactivity in Obese strain (OS) chickens is due to a defect in nonspecific suppressor mechanism(s). Krömer G, et al. **J Immunol** 1985 Oct;135(4):2458-63

Analysis of lymphocytes infiltrating the thyroid gland of Obese strain chickens. Krömer G, et al. **J Immunol** 1985 Oct;135(4):2452-7

Characterization of Schistosoma mansoni antigen-reactive T cell clones that form granulomas in vitro. Lammie PJ, et al. **J Immunol** 1985 Jun;134(6):4170-5

Differential glycosylation requirements for the cell surface expression of class I molecules. Landolfi NF, et al. **J Immunol** 1985 Jan;134(1):423-30

Covalent association between human thymus leukemia-like antigens and CD8(Tp32) molecules. Ledbetter JA, et al. **J Immunol** 1985 Jun;134(6):4250-4

Antibodies to common leukocyte antigen p220 influence human T cell proliferation by modifying IL 2 receptor expression. Ledbetter JA, et al. **J Immunol** 1985 Sep; 135(3):1819-25

Antibodies to Tp67 and Tp44 augment and sustain proliferative responses of activated T cells. Ledbetter JA, et al. **J Immunol** 1985 Oct;135(4):2331-6

Mechanism of recovery from acute virus infection. I. Role of T lymphocytes in the clearance of lymphocytic choriomeningitis virus from spleens of mice. Lehmann-Grube F, et al. **J Immunol** 1985 Jan; 134(1):608-15

Prophylactic immunization against experimental leishmaniasis. V. Mechanism of the anti-protective blocking effect induced by subcutaneous immunization against Leishmania major infection. Liew FY, et al. **J Immunol** 1985 Sep;135(3):2102-7

The role of complement receptor positive and complement receptor negative B cells in the primary and secondary immune response to thymus independent type 2 and thymus dependent antigens. Lindsten T, et al. **J Immunol** 1985 May; 134(5):2853-9

Human T cell antigen expression during the early stages of fetal thymic maturation. Lobach DF, et al. **J Immunol** 1985 Sep;135(3):1752-9

Functional characterization of human thymocytes: a limiting dilution analysis of precursors with proliferative and cytolytic activities. Lopez-Botet M, et al. **J Immunol** 1985 Apr;134(4):2299-304

Production of an endogenous pyrogen by glomerular mesangial cells. Lovett DH, et al. **J Immunol** 1985 Feb; 134(2):670-2

Biosynthesis and maturation of the Lyt-2/3 molecular complex in mouse thymocytes. Lüscher B, et al. **J Immunol** 1985 Sep;135(3):1937-44

T cell responses to Mls determinants are restricted by cross-reactive MHC determinants. Lynch DH, et al. **J Immunol** 1985 Apr;134(4):2071-8

T cell responses to cleaved rabies virus glycoprotein and to synthetic peptides. Macfarlan RI, et al. **J Immunol** 1984 Nov;133(5):2748-52

Characterization of murine T cell activation signals produced by B lymphoma cells. McKean DJ, et al. **J Immunol** 1985 Apr;134(4):2484-91

Continuous cultivation of equine lymphocytes: evidence for occasional T cell-like maturation events in horses with hereditary severe combined immunodeficiency. Magnuson NS, et al. **J Immunol** 1984 Nov;133(5):2518-24

Prostaglandin E2 inhibits the activation of cloned T cell hybridomas. Makoul GT, et al. **J Immunol** 1985 Apr; 134(4):2645-50

Influence of accessory cell and T cell surface antigens on mitogen-induced IL 2 receptor expression. Malek TR, et al. **J Immunol** 1985 Sep;135(3):1826-33

Antigen-specific B cells efficiently present low doses of antigen for induction of T cell proliferation. Malynn BA, et al. **J Immunol** 1985 Aug;135(2):980-8

Induction of interleukin 2 responsiveness in thymocytes by synergistic action of interleukin 1 and interleukin 2. Männel DN, et al. **J Immunol** 1985 May;134(5):3108-10

Characterization of in vivo-activated allospecific T lymphocytes propagated from human renal allograft biopsies undergoing rejection. Mayer TG, et al. **J Immunol** 1985 Jan;134(1):258-64

Immunologic studies with LFA-1- and Mo1-deficient lymphocytes from a patient with recurrent bacterial infections. Miedema F, et al. **J Immunol** 1985 May; 134(5):3075-81

Clonal analysis of B cell growth and differentiation activities induced from T lymphocytes upon triggering of T3-Ti and T11 pathways. Milanese C, et al. **J Immunol** 1985 Sep; 135(3):1884-90

Genetic regulation of the immune response to hepatitis B surface antigen (HBsAg). VI. T cell fine specificity. Milich DR, et al. **J Immunol** 1985 Jun;134(6):4203-11

Genetic regulation of the immune response to hepatitis B surface antigen (HBsAg). V. T cell proliferative response and cellular interactions. Milich DR, et al. **J Immunol** 1985 Jun;134(6):4194-202

T cell repopulation from functionally restricted splenic progenitors: 10,000-fold expansion documented by using limiting dilution analyses. Miller RA, et al. **J Immunol** 1984 Dec;133(6):2925-32

Defective cell-mediated immunity in leprosy: failure of T cells from lepromatous leprosy patients to respond to Mycobacterium leprae is associated with defective expression of interleukin 2 receptors and is not reconstituted by interleukin 2. Mohagheghpour N, et al. **J Immunol** 1985 Aug;135(2):1443-9

Genetic and biological characterization of a T suppressor cell induced by anti-idiotypic antibody. Monroe JG, et al. **J Immunol** 1985 Sep;135(3):1589-97

Arsonate-specific murine T cell clones. II. Delayed-type hypersensitivity induced by P-azobenzenearsonate-L-tyrosine (ABA-Tyr). Morita CT, et al. **J Immunol** 1985 May;134(5):2894-9

T cells with FC receptors in myeloma; suppression of growth and secretion of MOPC-315 by T alpha cells. Müller S, et al. **J Immunol** 1985 Jan;134(1):644-7

Characterization of T lymphocyte subpopulations responsible for deficient interleukin 2 activity in patients with systemic lupus erythematosus. Murakawa Y, et al. **J Immunol** 1985 Jan;134(1):187-95

Commentary on the genetic basis for control of I-J determinants. Murphy DB. **J Immunol** 1985 Sep; 135(3):1543-7

H-2K-restricted granuloma formation by Ly-2+ T cells in antibacterial protection to facultative intracellular bacteria. Näher H, et al. **J Immunol** 1985 Jan;134(1):569-72

Studies on macrophage-activating factor (MAF) in antitumor immune responses. I. Tumor-specific Lyt-1+2- T cells are required for producing MAF able to generate cytolytic as well as cytostatic macrophages. Nakajima H, et al. **J Immunol** 1985 Sep;135(3):2199-205

Murine interstitial nephritis. III. The selection of phenotypic (Lyt and L3T4) and idiotypic (RE-Id) T cell preferences by genes in Igh-1 and H-2K characterizes the cell-mediated potential for disease expression: susceptible mice provide a unique effector T cell repertoire in response to tubular antigen. Neilson EG, et al. **J Immunol** 1985 Apr; 134(4):2375-82

Reversal of phorbol ester-mediated reduction of cloned T lymphocyte cytolysis by interleukin 2. Orosz CG, et al. **J Immunol** 1985 Jan;134(1):324-9

Inhibition of IL 2-dependent proliferation of rat T lymphoblasts by the monoclonal antibody ART62 which reacts with MHC class 1 antigens. Osawa H, et al. **J Immunol** 1985 Jun;134(6):3901-6

Mechanism of accessory cell requirement in inducing IL 2 responsiveness by human T4 lymphocytes that generate colonies under PHA stimulation. Oudrhiri N, et al. **J Immunol** 1985 Sep;135(3):1813-8

Murine anti-swine T4 and T8 monoclonal antibodies: distribution and effects on proliferative and cytotoxic T cells. Pescovitz MD, et al. **J Immunol** 1985 Jan;134(1):37-44

Specific Schistosoma mansoni rat T cell clones. I. Generation and functional analysis in vitro and in vivo. Pestel J, et al. **J Immunol** 1985 Jun;134(6):4132-9

T cell subsets regulating antibody responses to L-glutamic acid60-L-alanine30-L-tyrosine10 (GAT) in virgin and immunized nonresponder mice. Pierce CW, et al. **J Immunol** 1985 Jan;134(1):29-36

GVHR elicited by products of class I or class II loci of the MHC: analysis of the response of mouse T lymphocytes to products of class I and class II loci of the MHC in correlation with GVHR-induced mortality, medullary aplasia, and enteropathy. Piguet PF. **J Immunol** 1985 Sep; 135(3):1637-43

OKT3 monoclonal antibody induces production of colony-stimulating factor(s) for granulocytes and macrophages in cultures of human T lymphocytes and adherent cells. Platzer E, et al. **J Immunol** 1985 Jan; 134(1):265-71

A 'lymphokine-like' soluble product that induces proliferation and maturation of B cells appears in the serum-free supernatant of a T cell hybridoma as a consequence of mycoplasmal contamination. Proust JJ, et al. **J Immunol** 1985 Jan;134(1):390-6

Selective improvement of thymus and some T cell dysfunctions in NZB mice by in utero thymulin treatment. Quéré P, et al. **J Immunol** 1985 Aug;135(2):1180-5

T cell locomotion in the tumor microenvironment. I. A collagen-matrix assay. Ratner S, et al. **J Immunol** 1985 Sep; 135(3):2220-7

Effect of wheat germ agglutinin on the interleukin pathway of human T lymphocyte activation. Reed JC, et al. **J Immunol** 1985 Jan;134(1):314-23

Measles-specific T cell clones derived from a twin with multiple sclerosis: genetic restriction studies. Richert JR, et al. **J Immunol** 1985 Mar;134(3):1561-6

The effects of 1,25-dihydroxyvitamin D3 on human T lymphocyte activation and proliferation: a cell cycle analysis. Rigby WF, et al. **J Immunol** 1985 Oct; 135(4):2279-86

Modulation induction of the T3 antigen by OKT3 antibody is monocyte dependent. Rinnooy Kan EA, et al. **J Immunol** 1984 Dec;133(6):2979-85

Decreased sensitivity of atopic mononuclear cells to prostaglandin E2 (PGE2) and prostaglandin D2 (PGD2). Rocklin RE, et al. **J Immunol** 1985 Sep;135(3):2033-9

The major histocompatibility complex-restricted antigen receptor on T cells: the genetics of expression of an allotype. Roehm NW, et al. **J Immunol** 1985 Sep; 135(3):2176-82

Jacalin: an IgA-binding lectin. Roque-Barreira MC, et al. **J Immunol** 1985 Mar;134(3):1740-3

T cells from autoimmune 'IL 2-defective' MRL-lpr/lpr mice continue to grow in vitro and produce IL 2 constitutively. Rosenberg YJ, et al. **J Immunol** 1984 Nov;133(5):2545-8

Reduced ecto-5'-nucleotidase activity and enhanced OKT10 and HLA-DR expression on CD8 (T suppressor/cytotoxic) lymphocytes in the acquired immune deficiency syndrome: evidence of CD8 cell immaturity. Salazar-Gonzalez JF, et al. **J Immunol** 1985 Sep;135(3):1778-85

Strong suppression by monocytes of T cell mitogenesis in chicken peripheral blood leukocytes. Schaefer AE, et al. **J Immunol** 1985 Sep;135(3):1652-60

Enhanced response to Con A and production of TCGF by lymphocytes of obese strain (OS) chickens with spontaneous autoimmune thyroiditis. Schauenstein K, et al. **J Immunol** 1985 Feb;134(2):872-9

Specific accumulation of hapten-reactive T cells in contact sensitivity reaction sites. Scheper RJ, et al. **J Immunol** 1985 Mar;134(3):1333-6

Requirements for T cell activation by OKT3 monoclonal antibody: role of modulation of T3 molecules and interleukin 1. Schwab R, et al. **J Immunol** 1985 Sep; 135(3):1714-8

The T lymphocyte response to cytochrome c. V. Determination of the minimal peptide size required for stimulation of T cell clones and assessment of the contribution of each residue beyond this size to antigenic potency. Schwartz RH, et al. **J Immunol** 1985 Oct; 135(4):2598-608

Antigen-specific T cell activation results in an increase in cytoplasmic free calcium. Shapiro DN, et al. **J Immunol** 1985 Oct;135(4):2256-61

Sodium periodate-induced T cell mitogenesis: an analysis of the requirement for Ia and IL 1. Smith LA, et al. **J Immunol** 1985 Aug;135(2):1137-44

Differences in T15 expression of primary and secondary anti-PC responses with T cells from T15+ and T15- donors. Smyk SK, et al. **J Immunol** 1985 Jan;134(1):23-8

A correlation between conditioning and engraftment in recipients of MHC-mismatched T cell-depleted murine bone marrow transplants. Soderling CC, et al. **J Immunol** 1985 Aug;135(2):941-6

Characteristics of a monoclonal antibody (WT-31) that recognizes a common epitope on the human T cell receptor for antigen. Spits H, et al. **J Immunol** 1985 Sep; 135(3):1922-8

Characterization of a membrane surface glycoprotein associated with T-cell activation. Sportsman JR, et al. **J Immunol** 1985 Jul;135(1):158-64

Isolation and characterization of a tumor-specific T suppressor factor from a T cell hybridoma. Steele JK, et al. **J Immunol** 1985 Apr;134(4):2767-78

Sex and H-2 haplotype control the resistance of CBA-BALB hybrids to the induction of T cell lymphoma by Moloney leukemia virus. Storch TG, et al. **J Immunol** 1984 Nov; 133(5):2797-800

Cell contact-mediated macrophage activation for antileishmanial defense. II. Identification of effector cell phenotype and genetic restriction. Sypek JP, et al. **J Immunol** 1984 Dec;133(6):3351-7

Analysis of the mode of antigen presentation required for triggering of T cell proliferation by using various azobenzenearsonate-tyrosine derivatives. Tadakuma T, et al. **J Immunol** 1985 Jan;134(1):122-8

T-T cell interaction in the induction of delayed-type hypersensitivity (DTH) responses: vaccinia virus-reactive helper T cell activity involved in enhanced in vivo induction of DTH responses and its application to augmentation of tumor-specific DTH responses. Takai Y, et al. **J Immunol** 1985 Jan;134(1):108-13

Stimulation and inhibition of human T cell subsets by wheat germ agglutinin. Taylor DS, et al. **J Immunol** 1985 Jun;134(6):3756-61

Evaluation of lymphocyte differentiation in primary and secondary immunodeficiency diseases. Tedder TF, et al. **J Immunol** 1985 Sep;135(3):1786-91

T cell-derived B cell growth factor(s) can induce stimulation of both resting and activated B cells. Thompson CB, et al. **J Immunol** 1985 Jan;134(1):369-74

Phenotype and function of engrafted maternal T cells in patients with severe combined immunodeficiency. Thompson LF, et al. **J Immunol** 1984 Nov;133(5):2513-7

Therapeutic effect of anti-L3T4 monoclonal antibody GK1.5 on cutaneous leishmaniasis in genetically-susceptible BALB/c mice. Titus RG, et al. **J Immunol** 1985 Sep;135(3):2108-14

In vivo helper activity of autoreactive T cell clones. Tomonari K. **J Immunol** 1985 Sep;135(3):1598-602

Characteristic T cell dysfunction in patients with chronic active Epstein-Barr virus infection (chronic infectious mononucleosis). Tosato G, et al. **J Immunol** 1985 May;134(5):3082-8

Characterization of T cell lines and clones from SJL/J and (BALB/c x SJL/J)F1 mice specific for myelin basic protein. Trotter J, et al. **J Immunol** 1985 Apr;134(4):2322-7

Activation of resting T lymphocytes by anti-CD3 (T3) antibodies in the absence of monocytes. Tsoukas CD, et al. **J Immunol** 1985 Sep;135(3):1719-23

A myelin basic protein-specific T lymphocyte line that mediates experimental autoimmune encephalomyelitis. Vandenbark AA, et al. **J Immunol** 1985 Jul;135(1):223-8

Specificity of T lymphocyte lines for peptides of myelin basic protein. Vandenbark AA, et al. **J Immunol** 1985 Jul;135(1):229-33

Delayed-type hypersensitivity is mediated by a sequence of two different T cell activities. Van Loveren H, et al. **J Immunol** 1984 Nov;133(5):2397-401

A role for mast cells and the vasoactive amine serotonin in T cell-dependent immunity to tumors. Van Loveren H, et al. **J Immunol** 1985 Feb;134(2):1292-9

Recessive T cell response to poly (Glu50Tyr50) possibly caused by self tolerance. Vidović D, et al. **J Immunol** 1985 Jun;134(6):3563-8

Co-expression of an epitope on human free kappa-light chains and on a cytoplasmic component in activated T cells. Walker KZ, et al. **J Immunol** 1985 Feb;134(2):1059-64

Regulation of clones responding to dextran B1355S. III. The thymic-independent and thymic-dependent antibody responses. Ward RE, et al. **J Immunol** 1985 Mar;134(3):1430-5

Role of the L3T4-antigen in T cell activation. II. Inhibition of T cell activation by monoclonal anti-L3T4 antibodies in the absence of accessory cells. Wassmer P, et al. **J Immunol** 1985 Oct;135(4):2237-42

Regulation of transplantation immunity in vivo by monoclonal antibodies recognizing host class II restriction elements. II. Effects of anti-Ia immunotherapy on host T cell responses to graft alloantigens. Williams IR, et al. **J Immunol** 1985 May;134(5):2942-7

The events of primary T cell activation can be staged by use of Sepharose-bound anti-T3 (64.1) monoclonal antibody and purified interleukin 1. Williams JM, et al. **J Immunol** 1985 Oct;135(4):2249-55

Accessory cell requirement for activation antigen expression and cell cycle progression by human T lymphocytes. Williams JM, et al. **J Immunol** 1984 Dec;133(6):2986-95

Defective in vitro T cell colony formation in the acquired immunodeficiency syndrome. Winkelstein A, et al. **J Immunol** 1985 Jan;134(1):151-6

Activation of a human T cell line: a two-stimulus requirement in the pretranslational events involved in the coordinate expression of interleukin 2 and gamma-interferon genes. Wiskocil R, et al. **J Immunol** 1985 Mar;134(3):1599-603

Treatment of murine lupus with monoclonal anti-T cell antibody. Wofsy D, et al. **J Immunol** 1985 Feb;134(2):852-7

Influence of RU 41.740, a glycoprotein extract from Klebsiella pneumoniae, on the murine system. II. RU 41.740 facilitates the response to Con A in otherwise unresponsive T-enriched cells. Wood CD, et al. **J Immunol** 1985 Jul;135(1):131-6

Mutant EL-4 thymoma cells polyclonally activate murine and human B cells via direct cell interaction. Zubler RH, et al. **J Immunol** 1985 Jun;134(6):3662-8

The demonstration of cell surface antigens on T cells, B cells and accessory cells in paraffin-embedded human tissues. Collings LA, et al. **J Immunol Methods** 1984 Dec 31;75(2):227-39

Ricin-resistant human T-cell hybridomas producing interferon gamma. Crane IJ, et al. **J Immunol Methods** 1985 Mar 18;77(2):207-18

Establishment of stable human T-T hybridomas. Kouttab N, et al. **J Immunol Methods** 1985 Feb 28;77(1):165-72

Rapid production of monoclonal antibodies to T lymphocyte functional antigens. Lögdberg L, et al. **J Immunol Methods** 1985 May 23;79(2):239-49

Comparison of T and B cell analyses on fresh and aged blood. Nicholson JK, et al. **J Immunol Methods** 1984 Oct 12;73(1):29-40

Lymphocyte bacterial rosette test: methodological details and effect of metabolic inhibitors and divalent cations. Räsänen L, et al. **J Immunol Methods** 1984 Dec 31;75(2):361-8

Dendritic cells as accessory cells in antigen-specific murine T lymphocyte proliferation in vitro. Teunissen MB, et al. **J Immunol Methods** 1985 Feb 28;77(1):131-8

A simple and rapid method for detecting and separating T lymphocytes by rosetting with autologous erythrocytes. Volk HD, et al. **J Immunol Methods** 1984 Oct 26;73(2):443-6

In situ localization of T lymphocytes in disseminated coccidioidomycosis. Modlin RL, et al. **J Infect Dis** 1985 Feb;151(2):314-9

Immune spleen cell-mediated protection against fatal Hantaan virus infection in infant mice. Nakamura T, et al. **J Infect Dis** 1985 Apr;151(4):691-7

Poly I:C or IFN-alpha/beta treatment inhibits macrophage induced T cell proliferation. Blank KJ, et al. **J Interferon Res** 1985 Winter;5(1):215-21

Markedly enhanced production of gamma interferon in murine T lymphocytes treated with lentil lectin and the diterpene ester, mezerein. Taylor JL, et al. **J Interferon Res** 1984 Summer;4(3):315-27

Analysis of major histocompatibility antigens and the mononuclear cell infiltrate in halo nevi. Bergman W, et al. **J Invest Dermatol** 1985 Jul;85(1):25-9

Enriched epidermal Langerhans cells are potent antigen-presenting cells for T cells. Bjercke S, et al. **J Invest Dermatol** 1984 Oct;83(4):286-9

The study and manipulation of experimental autoimmune disease using T lymphocyte lines. Cohen IR. **J Invest Dermatol** 1985 Jul;85(1 Suppl):34s-38s

An analysis of monoclonal T cell and antibody recognition sites on Ia molecules. Frelinger JG, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):30s-33s

Expression of activation antigens by T cells infiltrating basal cell carcinomas. Guillén FJ, et al. **J Invest Dermatol** 1985 Sep;85(3):203-6

Regulation of human IgE synthesis. Leung DY, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):155s-160s

Genes encoding the T-cell antigen receptor. Mak TW, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):107s-109s

The role of epidermal cells in the induction of delayed-type hypersensitivity to alloantigens. Tamaki K, et al. **J Invest Dermatol** 1985 Jul;85(1):20-4

Pulmonary sarcoidosis: flow cytometry measurement of lung T cell activation. Mornex JF, et al. **J Lab Clin Med** 1985 Jan;105(1):70-6

Accessory cells provide more than one signal for lectin mitogen-stimulated proliferation of human lymphocytes. Kern JA, et al. **J Leukocyte Biol** 1985 Oct;38(4):495-507

T-T cell interaction in the in vitro induction of delayed-type hypersensitivity (DTH) responses: demonstration of vaccinia virus-reactive helper T cell activity involved in enhanced induction of DTH responses. Kosugi A, et al. **J Leukocyte Biol** 1985 May;37(5):629-39

T cell-dependent and -independent stimulation of hamster spleen NK-like cells with concanavalin A. Stewart JA, et al. **J Leukocyte Biol** 1985 Jan;37(1):75-86

The phosphatidylinositol response and proliferation of oxidative enzyme-activated human T lymphocytes: suppression by plasma lipoproteins. Akeson AL, et al. **J Lipid Res** 1984 Nov;25(11):1195-205

Aplastic anemia: pathophysiology and management. Rothberg H. **J Med Soc NJ** 1985 Jun;82(6):457-62

The effects of human cytomegalovirus challenge in vitro on subpopulations of T cells from seronegative donors. Sing GK, et al. **J Med Virol** 1984;14(4):363-71

T cell subsets in multiple sclerosis. A longitudinal study of exacerbating-remitting cases. Bach MA, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):331-43

Modulation of experimental allergic encephalomyelitis in Lewis rats by monoclonal anti-T cell antibodies. Brinkman CJ, et al. **J Neuroimmunol** 1985 Jan;7(4):231-8

Phenotypic markers and functional characteristics of T lymphocyte clones from cerebrospinal fluid in multiple sclerosis. Fleischer B, et al. **J Neuroimmunol** 1984 Dec;7(2-3):151-62

Strategies for the modulation of neuroimmunological disease at the level of autoreactive T-lymphocytes. Hohlfeld R, et al. **J Neuroimmunol** 1985 Aug;9(3-4):193-204

Myelin basic protein-specific T cell lines and clones derived from SJL/J mice with experimental allergic encephalomyelitis. Richert JR, et al. **J Neuroimmunol** 1985 May;8(2-3):129-39

Macrophage response to herpes simplex encephalitis in immune competent and T cell-deficient mice. Townsend JJ. **J Neuroimmunol** 1985 Jan;7(4):195-206

Local and systemic immune response in multiple sclerosis: analysis of CSF inflammatory changes and peripheral blood T-cell subsets. Steck AJ, et al. **J Neurol** 1984;231(3):126-9

Dynamics of Ia-expressing cells and T lymphocytes of different subsets during experimental allergic neuritis in Lewis rats. Olsson T, et al. **J Neurol Sci** 1984 Nov-Dec;66(2-3):141-9

Myelin basic protein-responsive blood T lymphocytes in patients with multiple sclerosis. Hashim GA, et al. **J Neurosci Res** 1985;13(3):349-55

Immunological changes during progressive stages of vitamin A deficiency in the rat. Nauss KM, et al. **J Nutr** 1985 Jul;115(7):909-18

Spleen cell responses in experimental murine toxocariasis. Kayes SG. **J Parasitol** 1984 Aug;70(4):522-9

Early lymphocyte trapping in malaria infections: a particulate antigen mediated phenomenon. Lewis-Hughes PH, et al. **J Parasitol** 1984 Jun;70(3):391-7

Comparison between bone marrow transplantation and antithymocyte globulin in treatment of young patients with severe aplastic anemia. Bayever E, et al. **J Pediatr** 1984 Dec;105(6):920-5

Inherited absence of OKT4 lymphocyte antigen in a chronically transfused patient with homozygous sickle cell disease. Gill JC, et al. **J Pediatr** 1985 Aug;107(2):251-3

Immunodepression secondary to malnutrition: assay by lymphocyte subset analysis using monoclonal antibodies and the cell sorter. Ricci JL, et al. **J Pediatr Surg** 1984 Dec;19(6):829-31

Lymphomatoid papulosis with possible progression to lymphoma: T-cell subpopulations as prognostic indicators. Shaw M, et al. **J R Soc Med** 1984;77 Suppl 4:9-11

Maternal immunoregulation: interrelationship between alloreactive and anti-self plus conventional antigen T sets of cells. Piazzón I, et al. **J Reprod Immunol** 1985 May;7(3):249-60

OKT4:OKT8 ratios of circulating T cells and in vitro suppressor cell function of patients with juvenile rheumatoid arthritis (JRA). Oen K, et al. **J Rheumatol** 1985 Apr;12(2):321-7

Tumor escape from immune elimination: simplified precursor bound cytotoxicity models. De Boer RJ, et al. **J Theor Biol** 1985 Apr 21;113(4):719-36

Cluster formation in a symmetrical network: a dynamical system for the description of the suppression among non-immune T lymphocytes and its application to the effects of immunization. Fey K, et al. **J Theor Biol** 1985 Jun 21;114(4):615-40

T-lymphocyte analysis in the early diagnosis of adult respiratory distress syndrome. Dalton M, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):519-21

The clinical value of active T-rosette-forming cells in urine after renal transplantation. Toma H, et al. **J Urol** 1985 Apr;133(4):575-8

Role of immunity in age-related resistance to paralysis after murine leukemia virus infection. Hoffman PM, et al. **J Virol** 1984 Dec;52(3):734-8

Regulation of herpes simplex virus-specific lymphoproliferation by suppressor cells. Horohov DW, et al. **J Virol** 1985 Oct;56(1):1-6

Interstitial murine cytomegalovirus pneumonia after irradiation: characterization of cells that limit viral replication during established infection of the lungs. Reddehase MJ, et al. **J Virol** 1985 Aug;55(2):264-73

T-cell involvement in adoptive transfer of line 10 tumor immunity in strain 2 guinea pigs. de Jong WH, et al. **JNCI** 1985 Sep;75(3):483-9

Lysis of fresh human tumor cells by autologous large granular lymphocytes and T-lymphocytes: two distinct killing activities induced by coculture with autologous tumor. Uchida A, et al. **JNCI** 1984 Dec;73(6):1285-92

Suppression of B-lymphocyte function by T-lymphocytes in patients with advanced lung cancer. Venkataraman M, et al. **JNCI** 1985 Jan;74(1):37-41

A case of granular lymphocyte proliferation with T-cell phenotype. Toki H, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):151-9

Establishment of T cell hybridomas which produce suppressor factors specific to the hen egg-white lysozyme (HEL). Nagatani T, et al. **Jpn J Exp Med** 1984 Feb;54(1):1-8

Significance of autologous mixed lymphocyte reaction-activated immune circuits for maintaining normal immune system homeostasis in humans. Sakane T. **Jpn J Med** 1985 May;24(2):188-90

Abnormality of the delayed type hypersensitivity (DTH) response to Bordetella pertussis in spontaneously hypertensive rats (SHR). Komoriya K, et al. **Jpn J Pharmacol** 1984 Dec;36(4):449-54

Effect of neuraminidase treatment of rat thymocytes on rosette formation with guinea pig erythrocytes. Oka H, et al. **Jpn J Physiol** 1984;34(6):1141-5

Pyelonephritis: the role of cell-mediated immunity defined in a congenitally athymic rat. Miller T. **Kidney Int** 1984 Dec;26(6):816-22

Morphologic study on experimental allergic neuritis mediated by T cell line specific for bovine P2 protein in Lewis rats. Izumo S, et al. **Lab Invest** 1985 Aug;53(2):209-18

ABO status and T-cell help [letter] Contreras M, et al. **Lancet** 1985 Jan 19;1(8421):165

Cellular basis of immune response to antigens of ABO blood-group system. Capacity to provide help during response to T-cell-dependent ABO-system antigens is restricted to individuals of blood group O. Kay LA. **Lancet** 1984 Dec 15;2(8416):1369-71

Repairing the T-cell defect in AIDS [letter] Zagury D, et al. **Lancet** 1985 Aug 24;2(8452):449

T-lymphocytes phenotype and functions in patients with head and neck cancer. Pierri I, et al. **Laryngoscope** 1985 May;95(5):577-81

T-cell phenotypes in chemically induced leukemia in mice. Kreja L, et al. **Leuk Res** 1985;9(2):321-7

Regulatory activity of neoplastic T cells in Sezary syndrome on in vitro immunoglobulin production. Miedema F, et al. **Leuk Res** 1984;8(5):873-84

Induction of T cell proliferation and lymphokine production by monoclonal antibody. Chang TW. **Lymphokine Res** 1982;1(1):5-8

T cells from lymphoepithelial thymoma produce a biochemical variant of IL-2. Cornaglia-Ferraris P, et al. **Lymphokine Res** 1985 Summer;4(3):251-63

Induction of receptors for interleukin 2 requires T cell Ag:Ia receptor crosslinking and interleukin 1. Kaye J, et al. **Lymphokine Res** 1984 Summer;3(4):175-82

Epidermal cytokines: properties of epidermal cell thymocyte-activating factor (ETAF). Sauder DN. **Lymphokine Res** 1984 Summer;3(4):145-51

Evidence for expansion of a population of lymphocytes with reduced or absent T3 expression in aged human donors. Hallgren HM, et al. **Mech Ageing Dev** 1985 May 31; 30(3):239-50

Differential immunotoxic effects of the environmental chemical benzo[a]pyrene in young and aged mice. Lyte M, et al. **Mech Ageing Dev** 1985 May 31;30(3):333-41

RISH III. Haplotype-sharing in immune responses. Daunter B. **Med Hypotheses** 1985 May;17(1):79-93 (44 ref.)

Immunologically oriented concept of the genesis of acquired immunodeficiency syndrome. Mark AS, et al. **Med Hypotheses** 1985 Jun;17(2):167-73

Suicide of lymphoid cells. Basten A, et al. **Methods Enzymol** 1984;108:254-61

Use of the nude mouse in immunological research. Giovanella BC, et al. **Methods Enzymol** 1984;108:348-57

Direct and mixed antiglobulin rosetting reaction. Haegert DG. **Methods Enzymol** 1984;108:386-93

Identification and characterization of human T lymphocyte antigens. Romain PL, et al. **Methods Enzymol** 1984; 108:624-42

Immunochemical purification and analysis of Qa and TL antigens. Soloski MJ, et al. **Methods Enzymol** 1984; 108:549-58

Graft-versus-host reactions. Steinmuller D. **Methods Enzymol** 1984;108:28-35

Partial characterization of thymocyte-activating factor derived from MDP-stimulated guinea pig fibroblasts. Iribe H, et al. **Microbiol Immunol** 1984;28(10):1125-36

A new monoclonal antibody recognizing an antigen of human lymphocytes similar or identical to Tac antigen. Tanaka Y, et al. **Microbiol Immunol** 1984;28(9):1041-55

Isotype specificity and heterogeneity of Fc gamma-receptors on guinea pig splenic B and T lymphocytes. Yamashita T, et al. **Microbiol Immunol** 1984;28(10):1137-48

Is beta t a component of HLA-A,B,C in thymus derived cells? Calabi F, et al. **Mol Biol Med** 1983 Sep;1(2):219-23

A cDNA clone encoding a product of activated human T lymphocytes. Chang NT, et al. **Mol Biol Med** 1984 Apr; 2(2):151-65

Removal of T cells from bone marrow for transplantation. Comparison of rat monoclonal anti-lymphocyte antibodies of different isotypes. Hale G, et al. **Mol Biol Med** 1983 Oct;1(3):305-19

Shared determinants of native and denatured bovine serum albumin are recognized by both B- and T-cells. Apple R, et al. **Mol Immunol** 1984 Oct;21(10):901-5

Selection of pre-T cells in the thymus by unique combinations of major and minor histocompatibility antigens. Blanden RV, et al. **Mol Immunol** 1985 Jul; 22(7):827-30

Biochemical characterization of a p43,12 complex: comparison with human and murine class I molecules. Bushkin Y, et al. **Mol Immunol** 1985 Jun;22(6):695-703

Biochemical characterization of the human T6 antigen: a comparison between T6 and murine TL. Bushkin Y, et al. **Mol Immunol** 1984 Oct;21(10):821-9

Monoclonal antibody against a 'Pan-T-cell' antigen expressed by thymocytes, peripheral T-lymphocytes and T-cell leukemias. Carrel S, et al. **Mol Immunol** 1984 Oct; 21(10):831-40

Role of C3b receptors in the enhancement of interleukin-2-dependent T-cell proliferation. Erdei A, et al. **Mol Immunol** 1984 Dec;21(12):1215-21

Analysis of structural differences between Ly-5 molecules of T- and B-cells. Ewald SJ, et al. **Mol Immunol** 1985 May;22(5):581-8

Induction of Fc receptors and immunoglobulin-binding factors in T-cell clones. Fridman WH, et al. **Mol Immunol** 1984 Dec;21(12):1243-51

Activation of macrophages by lymphokines from T-cell clones: evidence for different macrophage-activating factors. Gemsa D, et al. **Mol Immunol** 1984 Dec; 21(12):1267-76

Structural requirements for T-cell recognition of tyrosine-azobenzene-arsonate in the rat and mouse. Roy S, et al. **Mol Immunol** 1984 Nov;21(11):1031-6

In vivo activated T lymphocytes in the peripheral blood and cerebrospinal fluid of patients with multiple sclerosis. Hafler DA, et al. **N Engl J Med** 1985 May 30; 312(22):1405-11

Lack of effect of hepatitis B vaccine on T-cell phenotypes. Jacobson IM, et al. **N Engl J Med** 1984 Oct 18; 311(16):1030-2

Phenotypic drift and clonal variation in differentiation antigen expression on AKR T-cell lymphoma lines grown in vitro. Howell AL, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):143-54

Generation of natural killer-like activity in mixed lymphocyte-tumor cell cultures. II. Correlation between expression of HLA-DR antigens on the activated T cells and their cytotoxic capability. Santoli D, et al. **Nat Immun Cell Growth Regul** 1985;4(2):103-12

Identification of antigen receptor-associated structures on murine T cells. Allison JP, et al. **Nature** 1985 Mar 7-13; 314(6006):107-9

Therapy with monoclonal antibodies by elimination of T-cell subsets in vivo. Cobbold SP, et al. **Nature** 1984 Dec 6-12; 312(5994):548-51

T cells with receptors for IgD. Coico RF, et al. **Nature** 1985 Aug 22-28;316(6030):744-6

Cloning, sequence and expression of human interleukin-2 receptor. Cosman D, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):768-71

The CD4 (T4) antigen is an essential component of the receptor for the AIDS retrovirus. Dalgleish AG, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):763-7

Expression of the T-cell-specific gamma gene is unnecessary in T cells recognizing class II MHC determinants. Heilig JS, et al. **Nature** 1985 Sep 5-11;317(6032):68-70

Immunological help at last [news] Howard JC. **Nature** 1985 Apr 11-17;314(6011):494-5

Rejection of transplantable AKR leukaemia cells following MHC DNA-mediated cell transformation. Hui K, et al. **Nature** 1984 Oct 25-31;311(5988):750-2

Anti-idiotypic T cells suppress rejection of renal allografts in rats. Lancaster F, et al. **Nature** 1985 May 23-29; 315(6017):336-7

Two tandemly organized human genes encoding the T-cell gamma constant-region sequences show multiple rearrangement in different T-cell types. Lefranc MP, et al. **Nature** 1985 Aug 1-7;316(6027):464-6

Epithelial cells expressing aberrant MHC class II determinants can present antigen to cloned human T cells. Londei M, et al. **Nature** 1984 Dec 13-19;312(5995):639-41

Human interleukin-2 promotes proliferation of activated B cells via surface receptors similar to those of activated T cells. Mingari MC, et al. **Nature** 1984 Dec 13-19; 312(5995):641-3

Phytohaemagglutinin activation of T cells through the sheep red blood cell receptor. O'Flynn K, et al. **Nature** 1985 Feb 21-27;313(6004):686-7

Expression and function of interleukin-2 receptors on immature thymocytes. Raulet DH. **Nature** 1985 Mar 7-13; 314(6006):101-3

Receptor gene rearrangement and ontogeny of T lymphocytes [news] Robertson M. **Nature** 1984 Sep 27-Oct 3;311(5984):305-6

The structure, rearrangement and expression of D beta gene segments of the murine T-cell antigen receptor. Siu G, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):344-50

Hybrid antibodies can target sites for attack by T cells. Staerz UD, et al. **Nature** 1985 Apr 18-24;314(6012):628-31

Reactivity of HTLV-transformed human T-cell lines to MHC class II antigens. Suciu-Foca N, et al. **Nature** 1984 Nov 15-21;312(5991):275-7

Rearrangements of T-cell receptor gene YT35 in human DNA from thymic leukaemia T-cell lines and functional T-cell clones. Toyonaga B, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):385-7

I-J epitopes are adaptively acquired by T cells differentiated in the chimaeric condition. Uracz W, et al. **Nature** 1985 Aug 22-28;316(6030):741-3

Induction of regulatory T-lymphocyte responses by liposomes carrying major histocompatibility complex molecules and foreign antigen. Walden P, et al. **Nature** 1985 May 23-29;315(6017):327-9

T-cell control of Epstein-Barr virus-infected B cells is lost during P. falciparum malaria. Whittle HC, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):449-50

Clinical uses of anti-thymocyte globulin (ATGAM). Part II. Gilbert C. **NC Med J** 1984 Dec;45(12):773-5

Clinical uses of anti-thymocyte globulin (ATGAM). Part I. Gilbert C. **NC Med J** 1984 Nov;45(11):737-9 (0 ref.)

Zinc-induced enhancement of lymphocyte function and viability in chronic uremia. Antoniou LD, et al. **Nephron** 1985;40(1):14-21

Treatment of steroid-resistant rejections with ATG and/or plasma filtration improves graft survival rates after cadaveric kidney transplantation. Fassbinder W, et al. **Neth J Med** 1985;28(6):265-7

Treatment of acute rejection of renal allografts with antithymocyte globulin or high-dosage prednisone. Influence of recipient DRw6 and DR matching. Hoitsma AJ, et al. **Neth J Med** 1985;28(6):239-42

Distinction between T gamma lymphocytosis and other T-cell proliferations with monoclonal antibodies against T-cell and natural killer (NK) cell subsets. Van de Griend RJ, et al. **Neth J Med** 1985;28(3):96-101

T lymphocyte subpopulations in patients undergoing chronic hemodialysis. Hamaguchi N, et al. **Nippon Jinzo Gakkai Shi** 1984 Sep;26(9):1205-12

Role of T cells in feline infectious peritonitis virus infection of suckling mice. Takenouchi T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):465-8

Reactivities of neoplastic T cells to human autoantibody and monoclonal antibodies. Takiuchi Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):99-107

Functional aspects of T-lymphocyte subsets in pregnancy. Bailey K, et al. **Obstet Gynecol** 1985 Aug;66(2):211-5

T cell-mediated immunity in murine malaria. II. Induction of protective immunity to P. chabaudi by antigen-fed macrophages and antigen-educated lymphocytes. Chemtai AK, et al. **Parasite Immunol** 1984 Sep;6(5):469-80

Early local reaction and lymph node permeation of rat carcinoma HH9-cl 14 cells. An immunohistological approach. Grundmann E, et al. **Pathol Res Pract** 1985 Jan; 179(3):304-9

Monoclonal anti-T-cell antibodies react with circulating myeloid leukemia cells and normal tissue macrophages. Pilkington GR, et al. **Pathology** 1984 Oct;16(4):447-54

Effects of emotional stress on the immune system. Miller NE. **Pavlov J Biol Sci** 1985 Apr-Jun;20(2):47-52

Immunopathologic demonstration of T lymphocyte subpopulations and interleukin 2 in granuloma annulare. Modlin RL, et al. **Pediatr Dermatol** 1984 Jul;2(1):26-32

Treatment of progressive Bacillus Calmette-Guérin infection in an immunodeficient infant with a specific bovine thymic extract (thymostimulin). Lin CY, et al. **Pediatr Infect Dis** 1985 Jul-Aug;4(4):402-5

T-lymphocyte subpopulations and function during murine cytomegalovirus infection. Sell MS, et al. **Pediatr Res** 1985 Jun;19(6):583-7

Pleomorphic T-cell leukaemia in a Caucasian adult: clinical phenotypic and functional characteristics. Hawkey CJ, et al. **Postgrad Med J** 1985 May;61(715):457-9

Rearrangement of T-cell receptor beta-chain genes during T-cell development. Born W, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2925-9

Regulation of T-cell function by antibodies: enhancement of the response of human T-cell clones to hepatitis B surface antigen by antigen-specific monoclonal antibodies. Celis E, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6846-50

Two separate functions of class II (Ia) molecules: T-cell stimulation and B-cell excitation. Corley RB, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):516-20

Human T-lymphocyte response in vitro to synthetic peptides of herpes simplex virus glycoprotein D. DeFreitas EC, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3425-9

'Exon-shuffling' maps control of antibody- and T-cell-recognition sites to the NH2-terminal domain of the class II major histocompatibility polypeptide A beta. Germain RN, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2940-4

Isolation of the gene encoding the human T-lymphocyte differentiation antigen Leu-2 (T8) by gene transfer and cDNA subtraction. Kavathas P, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7688-92

Monocytes are required to trigger Ca2+ uptake in the proliferative response of human t lymphocytes to staphylococcus aureus protein A. Lederman HM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6827-30

Human leukemia cell maturation induced by a T-cell lymphokine isolated from medium conditioned by normal lymphocytes. Leung K, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1209-13

Bone marrow-derived thymic antigen-presenting cells determine self-recognition of Ia-restricted T lymphocytes. Longo DL, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5900-4

Molecular cloning of Lyt-2, a membrane glycoprotein marking a subset of mouse T lymphocytes: molecular homology to its human counterpart, Leu-2/T8, and to immunoglobulin variable regions. Nakauchi H, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5126-30

Genes encoding the T-cell receptor alpha and beta subunits are transcribed in an ordered manner during intrathymic ontogeny. Royer HD, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5510-4

Acetylcholine receptor-specific suppressive T-cell factor from a retrovirally transformed T-cell line. Sinigaglia F, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7569-73

Antigen conformation determines processing requirements for T-cell activation. Streicher HZ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6831-5

Antigen induces chronic idiotype suppression. Tokuhisa T, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4217-20

Involvement of I-J epitopes in the self- and allo-recognition sites of T cells: blocking of syngeneic and allogeneic mixed lymphocyte reaction-responder cells by monoclonal anti-I-J antibodies. Uracz W, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2905-9

Arthritis induced by a T-lymphocyte clone that responds to Mycobacterium tuberculosis and to cartilage proteoglycans. van Eden W, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5117-20

Antigen presentation by murine and human cells to a murine T-cell hybridoma: demonstration of a restriction element associated with a major histocompatibility complex class II determinant(s) shared by both species. Waters SJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7559-63

T-cell activation by peptide antigen: effect of peptide sequence and method of antigen presentation. Watts TH, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5480–4

Calcium dependency of antigen-specific (T3-Ti) and alternative (T11) pathways of human T-cell activation. Weiss MJ, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6836–40

Analysis of cDNA clones specific for human T cells and the alpha and beta chains of the T-cell receptor heterodimer from a human T-cell line. Yanagi Y, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3430–4

Demonstration of T-cell-dependent and T-cell-independent components of 8-mercaptoguanosine-mediated adjuvanticity. Goodman MG. **Proc Soc Exp Biol Med** 1985 Sep;179(4):479–86

Synergism of antiviral activity in cell cultures treated with low concentrations of interferon and interferon-treated lymphocytes. Weigent DA, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):257–61

HLA class-II restriction of antigen-specific T-cell activation. With special reference to the fine specificity and immunoregulation of HLA class-II restriction elements. Qvigstad E, et al. **Prog Allergy** 1985;36:73–94 (43 ref.)

Parameters influencing chicken T-cell response to mitogens. Cheng YQ, et al. **Prog Clin Biol Res** 1984;161:151–6

T-dependent and T-independent PFC responses of chickens. Edelman AS, et al. **Prog Clin Biol Res** 1984;161:65–75

The interaction of antigen and the histocompatibility molecule during T cell activation. Schwartz RH. **Prog Clin Biol Res** 1985;172B:333–41

Inhibition of adenosine deaminase and purine nucleoside phosphorylase and T-cell function in germfree mice and human peripheral blood. Wiedl SC, et al. **Prog Clin Biol Res** 1985;181:461–6

The Ying-Yang hypothesis of opioid peptide immunomodulation. Plotnikoff NP. **Psychopharmacol Bull** 1985;21(3):489

Quantitative absorption of interleukin-2 by peripheral blood and synovial fluid lymphocytes from patients with rheumatoid arthritis. Knobloch C, et al. **Rheumatol Int** 1985;5(3):133–9

Alteration of Fc-receptor phenotype and proliferative capacity of Fc-IgG-receptor positive lymphocytes through interaction with soluble immune complexes of patients with SLE or RA. Thien M, et al. **Rheumatol Int** 1985;5(3):127–32

Alterations of both responder T cells and stimulator non-T cells are responsible for abnormal mixed lymphocyte reaction in aged humans. Giudizi MG, et al. **Ric Clin Lab** 1984 Oct-Dec;14(4):615–20

Active T rosette formation of human T lymphocytes after stimulation with lectins. Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):235–42

Effect of metabolic inhibitors on the ability of human T lymphocytes to form active T rosettes. Ohkubo K, et al. **Sangyo Ika Daigaku Zasshi** 1984 Sep 1;6(3):243–8

Functional and multimarker analysis of T-cell chronic lymphocytic leukaemia. Baldini L, et al. **Scand J Haematol** 1985 Jan;34(1):88–96

Chronic T lymphocytic leukaemia: antigenic, morphological and functional properties of the neoplastic lymphocytes. de Paoli P, et al. **Scand J Haematol** 1984 Oct;33(4):363–7

Deficiency of fibrinogen and factor VII following treatment of severe aplastic anaemia with anti-thymocyte globulin and high-dose methylprednisolone. Fischer M, et al. **Scand J Haematol** 1985 Apr;34(4):312–6

Occurrence of HTLV-I antibodies in Danish patients with cutaneous T-cell lymphoma. Saxinger WC, et al. **Scand J Haematol** 1985 May;34(5):455–62

T-cell chronic lymphocytic leukaemia: anomalous cell markers, variable morphology, and marked responsiveness to pentostatin (2'-deoxycoformycin). Spiers AS, et al. **Scand J Haematol** 1985 Jan;34(1):57–67

Dendritic cells and monocytes as accessory cells in T-cell responses in man. II. Function as antigen-presenting cells. Bjercke S, et al. **Scand J Immunol** 1985 May;21(5):501–8

Effect of verapamil on T-lymphocyte activation in vitro. Bruserud O. **Scand J Immunol** 1985 Jan;21(1):73–9

Dendritic cells and monocytes as accessory cells in T-cell responses in man. I. Phenotypic analysis of dendritic cells and monocytes. Gaudernack G, et al. **Scand J Immunol** 1985 May;21(5):493–500

Appearance of different lymphoid cells in synovial tissue and in peripheral blood during the course of collagen II-induced arthritis in rats. Holmdahl R, et al. **Scand J Immunol** 1985 Mar;21(3):197–204

In vivo treatment of rats with monoclonal anti-T-cell antibodies. Immunohistochemical and functional analysis in normal rats and in experimental allergic neuritis. Holmdahl R, et al. **Scand J Immunol** 1985 Aug;22(2):157–69

The possible role of class II major histocompatibility complex antigens in self tolerance. Mason DW. **Scand J Immunol** 1985 May;21(5):397–400 (23 ref.)

Identification of a cell surface protein complex mediating phorbol ester-induced adhesion (binding) among human mononuclear leukocytes. Patarroyo M, et al. **Scand J Immunol** 1985 Aug;22(2):171–82

Characterization of Chlamydia trachomatis serotypes by human T-lymphocyte clones. Qvigstad E, et al. **Scand J Immunol** 1985 Mar;21(3):215–20

Selective inhibition of IgE versus beta 2-microglobulin in human U-266 myeloma cell line treated with T-cell-derived factors. Rossi P, et al. **Scand J Immunol** 1985 Jul;22(1):33–9

Mycoplasma mimicry of lymphokine activity in T-cell lines. Ruuth E, et al. **Scand J Immunol** 1985 Jun;21(6):593–600

Role of HLA class II products in proliferative T-lymphocyte responses to PPD. Evidence of a regulatory influence associated with MB1. van Eden W, et al. **Scand J Immunol** 1984 Dec;20(6):503–10

Partial primary structure of the alpha and beta chains of human tumor T-cell receptors. Jones N, et al. **Science** 1985 Jan 18;227(4684):311–4

Inhibition of interferon-gamma may suppress allograft reactivity by T lymphocytes in vitro and in vivo. Landolfo S, et al. **Science** 1985 Jul 12;229(4709):176–9

Human T-cell clones from autoimmune thyroid glands: specific recognition of autologous thyroid cells. Londei M, et al. **Science** 1985 Apr 5;228(4695):85–9

Alteration of T-cell functions by infection with HTLV-I or HTLV-II. Popovic M, et al. **Science** 1984 Oct 26; 226(4673):459–62

Lymphocyte markers and infectious diseases. Blumberg RS, et al. **Semin Hematol** 1985 Apr;22(2):81–114 (359 ref.)

Phenotypic and functional characterization of human malignant T cells. Harden EA, et al. **Semin Hematol** 1985 Jan;22(1):13–26 (143 ref.)

Future directions in human immunobiology. Moretta L, et al. **Semin Hematol** 1985 Apr;22(2):121–2

T cell subsets in hairy cell leukemia. Cawley JC, et al. **Semin Oncol** 1984 Dec;11(4):405–8

Membrane phenotype and functional behaviour of T lymphocytes in hairy cell leukemia (HCL). Lauria F, et al. **Semin Oncol** 1984 Dec;11(4):409–12

Differentiation antigens associated with hairy cell leukemia. Posnett DN, et al. **Semin Oncol** 1984 Dec;11(4):413–5

Non T lymphoid cells can express T cell surface characteristics: normal, HCL, and a range of leukemic B cells express T cell antigens after appropriate in vitro stimulation. Worman CP, et al. **Semin Oncol** 1984 Dec; 11(4):401–4

Assignment of gene for human cell-surface membrane antigen Trop-4 to chromosome 11. Suomalainen HA, et al. **Somatic Cell Mol Genet** 1985 May;11(3):257–65

Improved immunohistochemical visualization of helper/inducer T-cells by the simultaneous application of two noncrossblocking monoclonal antibodies. van den Oord JJ, et al. **Stain Technol** 1985 Jan;60(1):45–9

'Activated' T-lymphocyte levels in the spontaneously diabetic BB rat syndrome. Francfort JW, et al. **Surgery** 1985 Aug;98(2):251–8

Acquisition of MHC-restriction specificities: role of thymic stromal cells. Kruisbeek AM, et al. **Surv Immunol Res** 1985; 4(2):110–9 (34 ref.)

Implication of the Thy-1 antigen on mouse thymus cells in the recognition of 'self' structures. Levy J, et al. **Thymus** 1985;7(2):85–93

Modulation of the expression of Tac antigen (T-cell growth factor response) on human thymocytes. Yeh NH, et al. **Thymus** 1984;6(4):255–61

Role of RNA in the induction of Thy-1+ phenotype on prothymocytes. Zemmour J, et al. **Thymus** 1984;6(5):335–45

Macrophage subpopulations regulate intrathymic T-cell development. I: Ia-positive macrophages augment thymocyte proliferation. Zepp F, et al. **Thymus** 1984; 6(5):279–93

Macrophage subpopulations regulate intrathymic T-cell development. II: Ia-negative macrophages decrease thymocyte viability and proliferation by formation of thymocyte-macrophage-rosettes. Zepp F, et al. **Thymus** 1984;6(5):295–308

T lymphocyte responses to Coxsackie B4 and mumps virus. I. Influence of HLA-DR restriction elements. Bruserud O, et al. **Tissue Antigens** 1985 Jul;26(1):41–50

Association of HLA-DR antigens with the autologous mixed lymphocyte reaction. Davey FR, et al. **Tissue Antigens** 1984 Aug;24(2):98–106

Class II antigens on canine T lymphocytes. Doveren RF, et al. **Tissue Antigens** 1985 May;25(5):255–65

HLA-class II restriction of the proliferative T lymphocyte responses to nickel, cobalt and chromium compounds. Al-Tawil NG, et al. **Tissue Antigens** 1985 Mar;25(3):163–72

Demonstration of HCG on the surface of maternal lymphocytes and discrimination of T and B cells by esterase cytochemistry. Yamauchi S, et al. **Tokai J Exp Clin Med** 1983 Nov;8(4):333–7

Monoclonal anti-T12 antibody as therapy for renal allograft rejection. Carpenter CB, et al. **Trans Assoc Am Physicians** 1983;96:84–92

Effect of cryopreservation on lymphocyte markers evaluated by monoclonal antibodies. Glassman AB, et al. **Transfusion** 1984 Nov-Dec;24(6):538–9

Testing for T-activation by bovine albumin [letter] Wheaton D, et al. **Transfusion** 1985 Jul-Aug;25(4):398–9

High-dose versus low-dose steroid therapy in conjunction with rabbit anti-human lymphocyte serum: flow cytometric monitoring of lymphocyte parameters. Green WF, et al. **Transplant Proc** 1984 Dec;16(6):1517–9

Analysis of T cell function using cyclosporine: graft rejection by T cells involves lymphokine release. Hodgkin PD, et al. **Transplant Proc** 1985 Apr;17(2):1644–5

Multiple human Ia antigen molecules are expressed on functional T cell clones. Koide Y, et al. **Transplant Proc** 1984 Dec;16(6):1681–6

Characterization of mononuclear cell infiltrates in human cardiac allografts. Marboe CC, et al. **Transplant Proc** 1984 Dec;16(6):1598–9

Murine monoclonal anti-T cell antibodies for treatment of refractory acute graft-versus-host disease. Martin PJ, et al. **Transplant Proc** 1984 Dec;16(6):1494–5

Temporal effect of cyclosporine immunosuppression on T lymphocyte subsets, Ia-reactive cells, and donor-specific immunity in cardiac allograft recipients. Mazaheri R, et al. **Transplant Proc** 1984 Dec;16(6):1537–9

Daily monitoring of T cell subpopulations in renal allograft recipients: high-resolution measurement of T cell kinetics and their relevance to clinical course. Mohanakumar T, et al. **Transplant Proc** 1984 Dec;16(6):1490–1

Human peripheral blood and splenic T lymphocyte reactions versus kidney cortical cells. Roth D, et al. **Transplant Proc** 1984 Dec;16(6):1532–4

Differential effects of horse ATG and rabbit ATG on T cell and T cell subset levels measured by monoclonal antibodies. Thomas FT, et al. **Transplant Proc** 1984 Dec;16(6):1561–3

Ineffective cellular interaction and interleukin 2 deficiency causing T cell defects in human allogeneic marrow recipients early after grafting and in those with chronic graft-versus-host disease. Tsoi MS, et al. **Transplant Proc** 1984 Dec;16(6):1470–2

Prednisolone half-life and T lymphocytes in renal allograft recipients. Walker KB, et al. **Transplant Proc** 1985 Apr; 17(2):1679–81

Thyroid allograft rejection is triggered by the transfer of sensitized Lyt 2+ cells. Warren HS, et al. **Transplant Proc** 1985 Apr;17(2):1641–3

Urinary polyamine levels are markers of altered T lymphocyte proliferation/loss and rejection in heart transplant patients. Womble JR, et al. **Transplant Proc** 1984 Dec;16(6):1573–5

Phenotype, activation status, and suppressor activity of host lymphocytes during acute rejection and after cyclosporine-induced unresponsiveness of rat cardiac allografts. Araujo JL, et al. **Transplantation** 1985 Sep; 40(3):278–84

Restoration of immune competence with cryopreserved thymus. Cacheiro LH, et al. **Transplantation** 1985 Jul; 40(1):110–2

Induction of immune alterations and successful renal transplantation with a simplified method of donor-specific blood transfusion. Cheigh JS, et al. **Transplantation** 1984 Nov;38(5):501–6

A novel cell type carrying both Th and Tc/s markers in the blood of cyclosporine-treated, allografted rats. Godden U, et al. **Transplantation** 1985 Jun;39(6):624–8

Differential requirements for class II MHC antigen in human T cell activation. Goeken NE, et al. **Transplantation** 1984 Dec;38(6):714–9

The possible role of cytotoxic T cells in the mediation of first-set allograft rejection. Hall BM, et al. **Transplantation** 1985 Sep;40(3):336–9

Removal of marrow T cells with OKT3-OKT11 monoclonal antibodies and complement to prevent acute graft-versus-host disease. A pilot study in ten patients. Herve P, et al. **Transplantation** 1985 Feb;39(2):138–43

T lymphocyte function in vivo. Ambivalence of the class I MHC antigen-reactive subset. Hodgkin PD, et al. **Transplantation** 1985 Sep;40(3):288–92

Clinical significance of in situ detection of T lymphocyte subsets and monocyte/macrophage lineages in heart allografts. Hoshinaga K, et al. **Transplantation** 1984 Dec; 38(6):634–7

Relationships among the histologic pattern, intensity, and phenotypes of T cells infiltrating renal allografts. Kolbeck PC, et al. **Transplantation** 1984 Dec;38(6):709–13

Inhibition of the accessory function of murine macrophages in vitro by cyclosporine. Manca F, et al. **Transplantation** 1985 Jun;39(6):644–9

Interleukin-1 and interleukin-2 defects associated with murine graft-versus-host-induced immunodeficiency. Mendes ML, et al. **Transplantation** 1985 Apr;39(4):418–24

T cell colony-forming frequency of mononucleated cells extracted from rejected human kidney transplants. Functional and phenotypic studies of the colonies. Moreau JF, et al. **Transplantation** 1985 Jun;39(6):649–56

Restoration of T cell responsiveness to interleukin-2 in recipients of pancreatic islet xenografts treated with cyclosporine. Nakajima Y, et al. **Transplantation** 1985 Jul; 40(1):73–6

Positive T cell crossmatch with stored recipient sera in cadaveric renal transplantation. Rosenthal JT, et al. **Transplantation** 1985 Mar;39(3):310–1

Molecular aspects of human T lymphocyte antigen recognition. Royer HD, et al. **Transplantation** 1985 Jun; 39(6):571–82 (78 ref.)

Which T cells mediate allograft rejection? Steinmuller D. **Transplantation** 1985 Sep;40(3):229–33 (69 ref.)

A reappraisal of the effects of monoclonal antibodies directed at T cell differentiation antigens. Suthanthiran M, et al. **Transplantation** 1984 Dec;38(6):720–6

Rapid serologic diagnosis of serum sickness from antithymocyte globulin therapy using enzyme immunoassay. Tatum AH, et al. **Transplantation** 1984 Dec; 38(6):582–6

Evolving use of OKT3 monoclonal antibody for treatment of renal allograft rejection. Thistlethwaite JR Jr, et al. **Transplantation** 1984 Dec;38(6):695–701

Improved T cell subset monitoring by immunogold staining following renal transplantation. Tomaszewski JE, et al. **Transplantation** 1984 Dec;38(6):591–4

Generation of anti–H–Y–reactive T cells in vivo by the addition of activated macrophages. Yamashita A, et al. **Transplantation** 1985 Jun;39(6):629–33

Monoclonal antibodies recognizing T–cells (Leu 1) and transferrin receptor (OKT 9) crossreact with malignant B–cells of distinct differentiation stages. Ludwig WD, et al. **Tumour Biol** 1984;5(6):321–6

Subpopulation of T lymphocytes in primary immunodeficiency diseases. Sanal O, et al. **Turk J Pediatr** 1985 Jan–Mar;27(1):3–10

Primary biliary cirrhosis—phenotypic characterization of immunocompetent cells in peripheral blood and liver tissue. Karlsson–Parra A, et al. **Ups J Med Sci** 1984;89(3):254–65

Activation of the alternative complement pathway by lymphoblasts isolated from canine thymic lymphomas. Gorman NT. **Vet Immunol Immunopathol** 1984 Oct; 7(3–4):213–25

Monoclonal antibodies that distinguish bovine T and B lymphocytes. Lewin HA, et al. **Vet Immunol Immunopathol** 1985 May;9(1):87–102

Analysis of a sheep anti–pig T lymphoblast serum with specificity for E rosette–forming lymphocytes. Licence ST, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3–4):255–73

Bovine interleukin 2 (IL–2) production and activity on bovine and murine cell lines. Miller–Edge M, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):119–30

Immunity to Babesia in mice. III. The effects of corticosteroids and anti–thymocyte serum on mice immune to Babesia rodhaini. Zivkovic D, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):131–42

T cell–macrophage interaction in arginase–mediated resistance to herpes simplex virus. Bonina L, et al. **Virus Res** 1984 Sep;1(6):501–5

Altered T cell subsets and function in polytransfused beta–thalassemia patients: correlation with sex and age at first transfusion. De Martino M, et al. **Vox Sang** 1985; 48(5):296–304

[Application of T–cell subset monoclonal antibody in the immunologic assay of cancer patients] Xu LX. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):99–102 (Eng. Abstr.) **(Chi)**

[15 cases of aplastic anemia treated with antihuman thymus globulin] Zhang RF. **Chung Hua Nei Ko Tsa Chih** 1984 Aug;23(8):488–90, 525 (Eng. Abstr.) **(Chi)**

[Cyclosporin A: a new immunosuppressive peptide] Wu J. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):41–4 (36 ref.) **(Chi)**

[T–lymphocyte dynamics in the acute phase of recurrent otitis in childhood] Kašpárek L, et al. **Cesk Otolaryngol** 1985 Jul;34(4):223–6 (Eng. Abstr.) **(Cze)**

[T and B lymphocytes in bone marrow suppression] Pecka M, et al. **Vnitr Lek** 1985 Jun;31(6):560–6 (Eng. Abstr.) **(Cze)**

[Immunological mechanisms of contact hypersensitivity] Silvennoinen–Kassinen S, et al. **Duodecim** 1985; 101(11):1056–62 **(Fin)**

[Lymphocyte differentiation] Toivanen P, et al. **Duodecim** 1985;101(3):334–40 **(Fin)**

[Immunohistochemical study of plasmocytes and T–lymphocyte subpopulations in Hashimoto's thyroiditis] Patey M, et al. **Ann Pathol** 1984 Sep–Nov;4(4):259–65 (Eng. Abstr.) **(Fre)**

[Myasthenia gravis: biochemical and immunological aspects. State of research (2)] Maufort–Nortier J. **Rev Med Brux** 1984 Dec;5(10):643–9 (Eng. Abstr.) **(Fre)**

[Characterization of a series of monoclonal antibodies against human T cells] Fiebig H, et al. **Allerg Immunol (Leipz)** 1984;30(4):242–50 (Eng. Abstr.) **(Ger)**

[Comparative studies of the determination of T lymphocytes in human peripheral blood] Schön E, et al. **Allerg Immunol (Leipz)** 1985;31(2):91–104 (Eng. Abstr.) **(Ger)**

[Demonstration of T–lymphocyte differentiation in the tonsil by determination of surface markers with monoclonal antibodies and rosette technics] Siegel G. **Allerg Immunol (Leipz)** 1984;30(3):169–74 (Eng. Abstr.) **(Ger)**

[Autologous mixed lymphocyte culture (AMLC)] Volk HD, et al. **Allerg Immunol (Leipz)** 1984;30(2):60–73 (Eng. Abstr.) **(Ger)**

[Age–related changes in the thymus–dependent immune system] Steinmann GG, et al. **Dtsch Med Wochenschr** 1985 Aug 23;110(34):1300–7 (81 ref.) **(Ger)**

[Ep 1 and Ep 2--2 new monoclonal antibodies against human T–lymphocytes: candidates for therapeutic use?] Becker WM, et al. **Immun Infekt** 1984 Apr;12(2):105–6 (Eng. Abstr.) **(Ger)**

[T and B cell reactions in AIDS and AIDS risk groups] Kekow J, et al. **Immun Infekt** 1985 Feb;13(1):26–8 (Eng. Abstr.) **(Ger)**

[In vivo reactivation of reduced T cell activity following polytransfusion caused by immune aggregates in immunoglobulin preparations] Maerker–Alzer G, et al. **Immun Infekt** 1985 Apr;13(2):85–6 (Eng. Abstr.) **(Ger)**

[Detection of T cell independent B cell maturation disorder in cocultivation studies in systemic lupus erythematosus] Schlegelberger T, et al. **Immun Infekt** 1985 Feb;13(1):31–2 (Eng. Abstr.) **(Ger)**

[Characterization of the leukemic cell population in a patient with T–ALL at disease beginning and in recurrence: parallel changes in phenotypic and functional behavior] Sieber G, et al. **Immun Infekt** 1985 Feb;13(1):35–6 (Eng. Abstr.) **(Ger)**

[Regulatory factors of the cellular immune reaction] Szperalski B, et al. **Immun Infekt** 1984 Jun;12(3):163–77 (135 ref.) (Eng. Abstr.) **(Ger)**

[Postoperative T cell suppression in relation to preoperative nutritional status in childhood] Erwa W, et al. **Padiatr Padol** 1985;20(2):151–63 (Eng. Abstr.) **(Ger)**

[Lymphocyte markers in sarcoidosis and tuberculosis] Munker M, et al. **Prax Klin Pneumol** 1984 Oct;38(10):456–9 (Eng. Abstr.) **(Ger)**

[In vitro treatment of human bone marrow in the elimination of tumor cells: initial experiences with cytotoxic monoclonal anti–T–cell antibody LAU–A1] Brun del Re GP, et al. **Schweiz Med Wochenschr** 1984 Oct 6; 114(40):1379–82 (Eng. Abstr.) **(Ger)**

[Analysis of T–cell subpopulations. Pathophysiological concept and significance for clinical medicine] Pichler WJ, et al. **Schweiz Med Wochenschr** 1985 Apr 20;115(16):534–50 (123 ref.) (Eng. Abstr.) **(Ger)**

[Fc IgG carrying T lymphocytes in healthy adults and patients following kidney transplantation] Kaden J, et al. **Z Urol Nephrol** 1984 Dec;77(12):683–93 (Eng. Abstr.) **(Ger)**

[Behavior of T–lymphocytes in patients with a gynecologic malignancy] Ressel M, et al. **Zentralbl Gynakol** 1984; 106(17):1192–7 (Eng. Abstr.) **(Ger)**

[The role of T–cells in the pathogenesis of rheumatoid arthritis] Holoshitz J, et al. **Harefuah** 1984 Sep; 107(5–6):136–7 **(Heb)**

[Influence of lysozyme on the circulating level of immune complexes in patients with rheumatoid arthritis] Di Matteo L, et al. **Boll Soc Ital Biol Sper** 1985 May 30;61(5):783–6 (Eng. Abstr.) **(Ita)**

[Molecular analysis of the expression of a lymphohemopoietic differentiation antigen] Dellabona P, et al. **Pathologica** 1983; 75 Suppl:66–70 **(Ita)**

[Decreased percentage of circulating T–lymphocytes in patients with thalassemic trait] Ogier C, et al. **Riv Emoter Immunoematol** 1984;31(1):58–62 (Eng. Abstr.) **(Ita)**

[Effects of glycyrrhizin on antibody production of PWM–stimulated lymphocytes in vitro] Mizoguchi Y, et al. **Arerugi** 1984 Jun;33(6):328–35 (Eng. Abstr.) **(Jpn)**

[Studies of the mechanisms of human B cell activation. III. Development of an assay system for human B cell differentiation factors (BCDF) and identification of BCDF–producing T cell subsets] Suzuki N, et al. **Arerugi** 1984 Nov;33(11):963–9 (Eng. Abstr.) **(Jpn)**

[T cell–activating monokines in guinea pigs. Physicochemical properties and some analysis of the action of the monokines] Taniyama T. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):422–30 (Eng. Abstr.) **(Jpn)**

[Surface marker studies on lymphoma and leukemia cells with microcytotoxicity test using the UCLA Monoclonal Antibody Tray 5] Toki H, et al. **Gan No Rinsho** 1985 Apr; 31(4):409–13 (Eng. Abstr.) **(Jpn)**

[The augmentation of tumor–specific immunity by T–T cell interaction] Fujiwara H, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):734–40 (Eng. Abstr.) **(Jpn)**

[Clinico–immunological evaluation of T cells bearing IgG Fc receptors in brain tumor patients] Kawamoto K, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1606–11 (Eng. Abstr.) **(Jpn)**

[Effect of PSK on the recovery of macrophage function and T cell–mediated immunity in tumor–bearing mice] Tsuru S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2375–80 (Eng. Abstr.) **(Jpn)**

[The inhibitory effects of anti class II monoclonal antibodies against the proliferative response of autoreactive T–cell clone] Hasegawa H, et al. **Hokkaido Igaku Zasshi** 1985 May;60(3):368–74 (Eng. Abstr.) **(Jpn)**

[Analysis of in vitro immune responses in humans using T cell clones and monoclonal antibodies] Ogasawara K. **Hokkaido Igaku Zasshi** 1984 May;59(3):346–55 (Eng. Abstr.) **(Jpn)**

[T lymphocytes participating in tuberculosis immunology--a study using cloned T lymphocytes] Saito K. **Kekkaku** 1985 Jan;60(1):34–70 (Eng. Abstr.) **(Jpn)**

[Adoptive immunotherapy of murine tumor using cultured syngeneic tumor–bearer–spleen cells. 1: Anti–tumor activity of tumor–bearer–spleen cells cultured with T cell growth factor (TCGF) and soluble tumor extract] Kan N, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):31–9 (Eng. Abstr.) **(Jpn)**

[Surface marker studies on the activated peripheral blood lymphocytes of Vogt–Koyanagi–Harada's disease] Okubo K, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb; 89(2):358–63 (Eng. Abstr.) **(Jpn)**

[Tumor–specific cytotoxicity of tumor infiltrating lymphocytes (TIL) induced with TCGF in murine mammary carcinoma] Hori T, et al. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):749–57 (Eng. Abstr.) **(Jpn)**

[Liver regeneration and the immune system. 1. In vitro and in vivo activation of lymphocytes by liver regeneration] Miyahara S. **Nippon Geka Gakkai Zasshi** 1984 Aug; 85(8):791–8 (Eng. Abstr.) **(Jpn)**

[Effect of splenectomy on T cell subsets of peripheral blood lymphocytes in portal hypertension] Takeda A, et al. **Nippon Geka Gakkai Zasshi** 1985 Apr;86(4):507 **(Jpn)**

[Analysis of hen egg white lysozyme specific proliferating T cells] Ishii N, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):431–6 **(Jpn)**

[Analysis of hen egg white lysozyme specific delayed type hypersensitivity hybridomas] Ishii N, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov;94(13):1531–6 **(Jpn)**

[T cell function in psoriasis. Analysis of T cell helper function in psoriasis] Yamaguchi S. **Nippon Hifuka Gakkai Zasshi** 1984 Sep;94(10):1109–14 **(Jpn)**

[Warthin's tumor: a immunological study of the lymphoid cell component] Furukawa M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec;87(12):1650–3 (Eng. Abstr.) **(Jpn)**

[Immune–mediated inhibition of erythropoiesis in pure red cell aplasia] Hanada T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1383–8 (Eng. Abstr.) **(Jpn)**

[A hybridoma clone producing a monoclonal antibody (KOLT–1) reactive with adult T cell leukemia cells] Okubo K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1422–32 (Eng. Abstr.) **(Jpn)**

[A new monoclonal antibody (KOLT–2) specific to the cell surface antigen on activated human T lymphocytes] Okubo K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov; 47(7):1433–44 (Eng. Abstr.) **(Jpn)**

[A case of Felty's syndrome with evidence for suppression of human bone marrow colony–forming unit in culture (CFU–C)–derived colony formation by patient's peripheral blood T lymphocytes] Sugimoto M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1445–55 (Eng. Abstr.) **(Jpn)**

[Study of activated lymphocytes in bronchoalveolar lavage fluid (BALF) from patients with various diffuse interstitial lung diseases] Fujimura N. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):552–61 (Eng. Abstr.) **(Jpn)**

[Immunological studies of T gamma cells (IgG Fc–receptors bearing T cells) in peripheral blood of patients with sarcoidosis] Sawano T. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jul;22(7):562–9 (Eng. Abstr.) **(Jpn)**

[Characterization of peripheral Ia–positive T cell subsets in systemic lupus erythematosus] Matsumoto Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Nov;73(11):1643–8 **(Jpn)**

[Analysis of mechanism of PPD–specific T cell activation by using monoclonal antibodies in tuberculous pleurisy patients] Okubo Y, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):935–43 **(Jpn)**

[T cell sub–sets, changes in Ia–antigen positive cells and IL–2 abnormality in MRL mice, with special reference to lpr gene] Miyasaka N, et al. **Nippon Rinsho** 1985 Jan; 43(1):185–92 **(Jpn)**

[Graft rejection and T cells] Nakayama E. **Nippon Rinsho** 1985 Jan;43(1):104–8 (20 ref.) **(Jpn)**

[Studies on the B–cell activation system. VI. Effects of T cells on B cell activation by Staphylococcus aureus Cowan I] Funato T, et al. **Rinsho Byori** 1985 Feb;33(2):195–9 **(Jpn)**

[Surface marker analysis with monoclonal antibodies in childhood acute lymphocytic leukemia] Kawai S, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1209–17 (Eng. Abstr.) **(Jpn)**

[Effect of plasma factor on lymphocyte surface markers] Sei Y, et al. **Rinsho Ketsueki** 1985 Feb;26(2):147–52 (Eng. Abstr.) **(Jpn)**

[Immune deficiency and nonspecific chronic lymphadenitis of twenty years' duration terminating in non–Hodgkin's lymphoma with a 14q+ karyotype and T cell markers] Taniguchi Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1671–9 (Eng. Abstr.) **(Jpn)**

[Immunological and cytochemical indicators in the leukocytes of elderly persons] Lisiewicz J, et al. **Folia Med Cracov** 1984;25(1–2):43–56 (Eng. Abstr.) **(Pol)**

[Various immunological phenomena in myasthenia gravis. Preliminary report] Płużańska A, et al. **Neurol Neurochir Pol** 1984 May–Jun;18(3):215–21 (Eng. Abstr.) **(Pol)**

[Functional relations between neurohormonal and immunological systems] Muranyi M. **Neuropatol Pol** 1985; 23(1):1–21 (86 ref.) (Eng. Abstr.) **(Pol)**

[Correlations of selected immunological parameters, leukocytosis and prognosis in grades I and III cervical cancer during more than 2 years of observation] Rytwiński K, et al. **Nowotwory** 1984 Oct–Dec;34(4):297–304 (Eng. Abstr.) **(Pol)**

[Immunotherapy of chronic active hepatitis (HBsAg+) with calf thymus extract (TFX–Polfa). Evaluation of the efficiency of cellular mechanisms of the immunologic response] Dabrowska–Bernstein BK, et al. **Pol Tyg Lek** 1984 Aug 13;39(33):1091–6 (Eng. Abstr.) **(Pol)**

[Role of the immunologic response in the formation of the clinical picture of hepatitis B] Deroń Z. **Pol Tyg Lek** 1984 Aug 13;39(33):1107–10 (Eng. Abstr.) **(Pol)**

[Leukocytes and peripheral blood lymphocytes in children with recurrent respiratory tract infections] Jankowski A, et al. **Pol Tyg Lek** 1985 May 27;40(21):597–9 (Eng. Abstr.) **(Pol)**

[Immunological characteristics of plasmacytic leukemia] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1205–7

(Eng. Abstr.) (Pol)

[Disorders of cellular immunity in insulin-dependent diabetes mellitus (type 1)] Korfel J. **Pol Tyg Lek** 1985 May 6; 40(18):527-30 (48 ref.) (Pol)

[Immunoglobulins, interferon and T- and B lymphocytes in patients with bronchial asthma vaccinated with Alavac, Vibrio cholerae vaccine and polyvaccine] Krasnowska M, et al. **Pol Tyg Lek** 1985 Mar 25-31;40(12-13):361-3 (Eng. Abstr.) (Pol)

[T and B lymphocytes in the blood of coal miners with anthracosilicosis] Sroczyński J, et al. **Pol Tyg Lek** 1984 May 14;39(20):665-8 (Eng. Abstr.) (Pol)

[Immunostimulation and immunostimulants] Gieldanowski J. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):557-75 (69 ref.) (Eng. Abstr.) (Pol)

[Role of immunological response of the cellular type in the protection of the body against Treponema pallidum infection] Podwińska J. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):46-84 (125 ref.) (Eng. Abstr.) (Pol)

[2 levels of regulation of the immunologic response] Strzadala L. **Postepy Hig Med Dosw** 1984 Sep-Dec;38(5-6):601-13 (Eng. Abstr.) (Pol)

[Biology of T-cells studied using monoclonal antibodies. I. Subpopulations of T-cell and monoclonal antibodies] Rupniewska ZM. **Przegl Lek** 1984;41(8):529-35 (68 ref.) (Pol)

[State of cellular and humoral immunity in recurrent and chronic bronchopulmonary diseases in children before and after immunostimulation with levamisole] Błaszczyk E, et al. **Wiad Lek** 1985 Apr 1;38(7):495-9 (Eng. Abstr.) (Pol)

[Behavior of T lymphocytes, T helper and T suppressor, in multiple sclerosis. Preliminary report] Tilbery CP, et al. **Rev Paul Med** 1984 Jul-Aug;102(4):181-3 (Eng. Abstr.) (Por)

[Antigenic signal to immunocompetent cells] Marx A. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):1-12 (7 ref.) (Rum)

[Hormonal and immunological status of patients with hyperplastic processes in the endometrium] Minkina GN, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):24-6 (Eng. Abstr.) (Rus)

[Changes in the immunological indicators in the normal menstrual cycle] Mitrofanov NA, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):58-9 (Rus)

[T- and B-lymphocyte dynamics in patients following septic abortion] Repina MA, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):43-5 (Eng. Abstr.) (Rus)

[Activity of natural killer cells and the rosette-forming function of peripheral blood lymphocytes in physiological pregnancy] Tsvetkov VV, et al. **Akush Ginekol (Mosk)** 1984 Dec;(12):14-6 (Eng. Abstr.) (Rus)

[Prospects for the development of immunological studies with regard to hyperplastic processes in the reproductive system] Zaporozhan VN. **Akush Ginekol (Mosk)** 1984 Nov; (11):16-20 (Eng. Abstr.) (Rus)

[Changes in the number of E- and EAC-rosette-forming lymphocytes in the blood of patients after traumatic shock] Anan'eva SK. **Anesteziol Reanimatol** 1984 Nov-Dec; (6):25-8 (Eng. Abstr.) (Rus)

[A factor, circulating in the blood, capable of suppressing the immune response in terminal states of the body] Kheladze ZS. **Anesteziol Reanimatol** 1984 Nov-Dec; (6):42-5 (Eng. Abstr.) (Rus)

[Effect of anesthesia and surgery on the immune reactions of the body] Khudavertsev GG, et al. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):21-3 (Eng. Abstr.) (Rus)

[Effect of polysaccharides isolated from marine invertebrates on various functions of T- and B lymphocytes] Zaporozhets TS, et al. **Antibiot Med Biotekhnol** 1985 Jan; 30(1):43-7 (Eng. Abstr.) (Rus)

[Monoclonal antibodies against human differentiated thymocyte antigens] Baryshnikov AIu. **Biull Eksp Biol Med** 1984 Sep;98(9):324-6 (Eng. Abstr.) (Rus)

[Nonidentity of Lyt phenotypes and the radiosensitivity of early and late producers of macrophage migration inhibitory factor in reaction to H-2 complex antigens] Berkova NP, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):176-8 (Eng. Abstr.) (Rus)

[Cytotoxic antibodies to thymocyte antigens in rheumatism and other diseases] Danilova TA, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):716-8 (Eng. Abstr.) (Rus)

[Interaction of the lymph node and splenic lymphocytes of mice in inactivation of allogeneic hematopoietic stem cells] Dozmorov IM, et al. **Biull Eksp Biol Med** 1985 May; 99(5):592-4 (Eng. Abstr.) (Rus)

[Induction of T-cell producers of the macrophage migration inhibitory factor by the products of the K-, I- and D-regions of the H-2 complex in mice] Kharkevich DD, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):484-6 (Eng. Abstr.) (Rus)

[Induction of T cells--producers of a macrophage migration-inhibitory factor by minor histocompatibility antigens] Kharkevich DD, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):703-5 (Eng. Abstr.) (Rus)

[Immunomodulating effect of cyclophosphamide in experimental chemotherapy of transplanted tumors] Kovbasiuk SA, et al. **Eksp Onkol** 1985;7(2):67-70 (Eng. Abstr.) (Rus)

[Possible approaches to the study of the immunological status of cancer patients and healthy people] Montsevichiute-Eringene EV. **Eksp Onkol** 1984;6(2):8-14 (53 ref.) (Eng. Abstr.) (Rus)

[Expression of surface markers of lymphocytes and their relation to suppressor function in lymphogranulomatosis] Tabagari DZ, et al. **Eksp Onkol** 1985;7(2):60-4 (Eng. Abstr.) (Rus)

[Subpopulations and physiological activity of human immunocompetent cells] Lebedev KA, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):317-26 (100 ref.) (Rus)

[Interrelation of 5'-nucleotidase separated from thymocytes by heating and receptors responsible for interaction with autologous erythrocytes] Bezvershenko IA, et al. **Fiziol Zh** 1985 May-Jun;31(3):282-7 (Eng. Abstr.) (Rus)

[The number of active rosette-forming cells in the peripheral blood of children with O-cell variant of acute lymphoid leukemia] Baidun LV, et al. **Gematol Transfuziol** 1985 Mar; 30(3):17-20 (Eng. Abstr.) (Rus)

[Indicators of cellular immunity in donors of antistaphylococcal plasma] Konstantinov VN, et al. **Gematol Transfuziol** 1985 May;30(5):35-9 (Eng. Abstr.) (Rus)

[Immunologic disorders in preleukemic states] Sabashvili MK, et al. **Gematol Transfuziol** 1984 Oct;29(10):21-3 (Eng. Abstr.) (Rus)

[Comparative evaluation of the tuberculin sensitivity and T- and B-cell levels in the peripheral blood of workers in electromechanical engineering] Strelis AK, et al. **Gig Tr Prof Zabol** 1985 May;(5):48-9 (Rus)

[Cellular immunity in chronic complications of peptic ulcer of the stomach and duodenum] Kirichenko BB. **Khirurgiia (Mosk)** 1984 Sep;(9):64-6 (Eng. Abstr.) (Rus)

[Immunological studies in the diagnosis of surgical infection and suppurative-resorptive fever] Novokreshchenov LB, et al. **Khirurgiia (Mosk)** 1984 Jul;(7):92-5 (Eng. Abstr.) (Rus)

[Immune mechanisms in the development of venous insufficiency of the lower extremities] Zakharov SN, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):40-2 (Eng. Abstr.) (Rus)

[Changes in the immunological status related to operation and anesthesia in children] Mikhel'son VA, et al. **Klin Khir** 1985;(6):38-40 (Eng. Abstr.) (Rus)

[Immunologic reactions in patients with diffuse toxic goiter after mercasolyl treatment] Epishin AV. **Klin Med (Mosk)** 1984 Aug;62(8):90-3 (Rus)

[Prognostic significance of changes in T- and B-lymphocytes in patients with peptic ulcer hemorrhage after massive blood transfusion] Veksler KhM, et al. **Klin Med (Mosk)** 1984 Oct;62(10):65-8 (Eng. Abstr.) (Rus)

[Method of determining the sensitivity of lymphocytes to immunomodulators of the phenylimidazothiazole group] Kazmirchuk VE, et al. **Lab Delo** 1985;(3):169-71 (Eng. Abstr.) (Rus)

[Effect of blood serum on T-lymphocyte activity in viral hepatitis] Sokhin AA, et al. **Lab Delo** 1984;(10):609-11 (Eng. Abstr.) (Rus)

[Accumulation of lymphocytes forming autologous rosettes in the microcirculatory bed of the gingiva of patients with the inflammatory-dystrophic form of periodontosis. Its possible pathogenetic significance] Zhiakonis IM. **Lab Delo** 1984;(8):485-7 (Eng. Abstr.) (Rus)

[Changes in the cellular reactions in children with chronic hepatitis B, and the use of immunoregulatory drugs] Gol'zand IV, et al. **Pediatriia** 1984 Aug;(8):12-5 (Eng. Abstr.) (Rus)

[Indicators of cellular immunity in various types of treatment of children with chronic hepatitis B] Idrisova RS, et al. **Pediatriia** 1984 Aug;(8):16-8 (Eng. Abstr.) (Rus)

[Clinical evaluation of immunologic reactivity in young children with excessive weight during dispensarization] Kravets EB, et al. **Pediatriia** 1985 Feb;(2):18-20 (Eng. Abstr.) (Rus)

[Clinical significance of the indicators of cellular, humoral and local immunity in children with perinatal brain damage] Stratulat PM. **Pediatriia** 1984 Dec;(12):22-4 (Eng. Abstr.) (Rus)

[Cellular immunity in patients with diabetes mellitus complicated by diabetic retinopathies] Danilova AI, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):29-34 (Eng. Abstr.) (Rus)

[Specific immunity of patients with newly detected tuberculosis during chemotherapy] Evdokimov VN. **Probl Tuberk** 1984 Sep;(9):33-8 (Eng. Abstr.) (Rus)

[Value of immunological indicators in the diagnosis of tuberculosis and nonspecific lung diseases] Knoring BE, et al. **Probl Tuberk** 1985;(2):48-52 (Eng. Abstr.) (Rus)

[Bronchial pathology and the T- and B- systems of immunity in pulmonary tuberculosis patients of various age groups] Melkumov GA, et al. **Probl Tuberk** 1984 Sep;(9):38-42 (Eng. Abstr.) (Rus)

[Various indicators of the immunological response of the body after inclusion of pathogenetic agents in the chemotherapy of tuberculosis] Sibirnaia RI, et al. **Probl Tuberk** 1984 Sep;(9):28-30 (Eng. Abstr.) (Rus)

[Changes in the immunity indicators in patients with silicotuberculosis] Varzina NV, et al. **Probl Tuberk** 1984 Sep;(9):46-9 (Eng. Abstr.) (Rus)

[Effect of various methods of surgical treatment on clinico-immunological indicators in peptic ulcer patients] Pomelov VS, et al. **Sov Med** 1984;(7):11-7 (Eng. Abstr.) (Rus)

[Circulating T- and B-lymphocytes in patients with periodontal pathology] Ivaniushko TP, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):15-7 (Eng. Abstr.) (Rus)

[Immunologic phenotype of blast cells in the diagnosis of myeloblastic leukemias] Baryshnikov AIu, et al. **Ter Arkh** 1985;57(5):98-100 (Eng. Abstr.) (Rus)

[Analysis of immunocompetent cell subpopulations in chronic bronchitis patients during the use of different immunomodulating preparations] Karaulov AV, et al. **Ter Arkh** 1984;56(10):14-7 (Eng. Abstr.) (Rus)

[Thymus-dependent suppression of erythroid colony formation induced by concanavalin A in the cloning of pluripotent hematopoietic stem cells of the spleen] Popov BV, et al. **Tsitologiia** 1985 Jun;27(6):698-702 (Eng. Abstr.) (Rus)

[Disorders in the balance of immunoregulatory T-lymphocyte subpopulations (T gamma and T mu cells) and possible means for immunocorrection in destructive pneumonias in young infants] Burkov IV, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):80-3 (Eng. Abstr.) (Rus)

[Functional state of T-lymphocytes of the skin in patients with psoriasis] Bogdanovich LI, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):8-10 (Eng. Abstr.) (Rus)

[Interrelation of phagocytic reactions of neutrophils with the reactions of the T-component of immunity in patients with staphyloderma] Lesnitskii AI. **Vestn Dermatol Venerol** 1985 Mar;(3):7-9 (Eng. Abstr.) (Rus)

[Various immunological indicators in patients with atopic dermatitis during reflexotherapy] Shinaev NN, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):39-42 (Eng. Abstr.) (Rus)

[In vitro system for determining the use of immunocorrective agents in patients with disseminated psoriasis] Vasil'eva LL, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):6-8 (Eng. Abstr.) (Rus)

[Indicators of T- and B systems of immunity in patients with acute cholecystitis during treatment] Bogdanov VI. **Vestn Khir** 1985 Feb;134(2):33-7 (Eng. Abstr.) (Rus)

[Clinico-immunologic status and postoperative course of patients with chronic pancreatitis and complicated cholecystitis] Kolker II, et al. **Vestn Khir** 1985 Jan; 134(1):51-4 (Eng. Abstr.) (Rus)

[Effects of the methods of treatment of patients with chronic tonsillitis on the defense mechanisms and their immunostimulation] Popa VA, et al. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):56-61 (Eng. Abstr.) (Rus)

[Status of T-system immunity in patients with chronic diseases and cancer of the gastrointestinal tract] Movsesian KS, et al. **Vopr Onkol** 1985;31(1):60-3 (Eng. Abstr.) (Rus)

[Effect of vitamin E on T and B lymphocyte numbers in the peripheral blood and various indicators of nonspecific immunity] Pletsityi KD, et al. **Vopr Pitan** 1984 Jul-Aug; (4):42-4 (Eng. Abstr.) (Rus)

[Effect of the herpes simplex virus antigen on E rosette formation by the lymphocytes of patients with ocular herpes] Maichuk IuF, et al. **Vopr Virusol** 1985 Jan-Feb; 30(1):78-80 (Eng. Abstr.) (Rus)

[Protective effectiveness of the blood sera and immune system cells from mice immunized with live or inactivated influenza virus] Maiorova LP, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):540-3 (Eng. Abstr.) (Rus)

[State of the serotonin-monoamine oxidase-serotoninopexy system and its relation to immunological indicators in patients with pulmonary tuberculosis] Chernushenko EF, et al. **Vrach Delo** 1985 Apr;(4):66-9 (Eng. Abstr.) (Rus)

[Characteristics of membrane markers of peripheral blood lymphocytes in patients with subleukemic myelosis] Guseva SA, et al. **Vrach Delo** 1985 Jun;(6):67-9 (Eng. Abstr.) (Rus)

[Indicators of cellular and humoral immunity in patients with chronic diffuse liver disease] Karashurova LL, et al. **Vrach Delo** 1985 Jan;(1):25-8 (Eng. Abstr.) (Rus)

[Various indicators of cellular and humoral immunity in patients with myelocytic leukemia and subleukemia] Kravchenko NI, et al. **Vrach Delo** 1985 Feb;(2):80-3 (Eng. Abstr.) (Rus)

[Immunological reactivity in patients with chronic bronchitis] Parashchak AP, et al. **Vrach Delo** 1985 Mar;(3):5-7 (Eng. Abstr.) (Rus)

[Splenectomy and immunological indicators in patients with hematologic diseases] Terekhov NT, et al. **Vrach Delo** 1985 Mar;(3):49-52 (Eng. Abstr.) (Rus)

[Changes in the count of highly avid, thermostable blood T-cells in viral hepatitis and its outcome] Bliuger AF, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):82-5 (Eng. Abstr.) (Rus)

[Immunologic abnormalities in amyotrophic lateral sclerosis] Khondkarian OA, et al. **Zh Nevropatol Psikhiatr** 1985; 85(2):195-8 (Eng. Abstr.) (Rus)

[Immunologic characteristics of the pathogenesis of herpes zoster] Seletskaia TA, et al. **Zh Nevropatol Psikhiatr** 1985; 85(2):180-4 (Eng. Abstr.) (Rus)

[Genetic analysis of antithymocyte activity in schizophrenia] Shapiro IuA, et al. **Zh Nevropatol Psikhiatr** 1985;

85(7):1042-50 (Eng. Abstr.) **(Rus)**

[Enhancement of the recovery of receptors for sheep erythrocytes on human T lymphocytes by prolactin] Rovenský J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):832-4 (Eng. Abstr.) **(Slo)**

[Thymoma and associated immunologic changes: T lymphocytes and the regulation of hematopoiesis] Estivill X. **Med Clin (Barc)** 1985 Jun 22;85(4):161-5 **(Spa)**

[Change in the turnover of HLA ABC molecules in circulating T lymphocytes in mycosis fungoides] Paciel J, et al. **Med Cutan Ibero Lat Am** 1984;12(6):477-82 (Eng. Abstr.) **(Spa)**

[Increase of circulating HLA DR+ T lymphocytes in psoriasis] Paciel J, et al. **Med Cutan Ibero Lat Am** 1984; 12(6):497-500 (Eng. Abstr.) **(Spa)**

[Modulation of the lymphocyte membrane with anti-HLA ABC in psoriasis] Paciel J, et al. **Med Cutan Ibero Lat Am** 1984;12(5):403-8 (Eng. Abstr.) **(Spa)**

[Acute lymphoblastic leukemia with an abnormal T8 phenotype] Blanco A, et al. **Sangre (Barc)** 1984;29(3):302-9 (Eng. Abstr.) **(Spa)**

METABOLISM

Evidence for the synthesis of thymosin alpha 1 by calf thymocytes and the production of this peptide by natural processing. Freire M, et al. **Arch Biochem Biophys** 1985 Jun;239(2):480-5

Modulation of the expression of interleukin 2 receptors of human thymocytes by recombinant interleukin 2. Reem GH, et al. **Arch Biochem Biophys** 1985 Jun;239(2):455-61

Factor determining the antigenic type of interferons produced in human lymphoblastoid cell lines. Matsuoka H, et al. **Biken J** 1984 Dec;27(4):153-9

Changes in glycan branching and sialylation of the Thy-1 antigen during normal differentiation of mouse T-lymphocytes. Carlsson SR. **Biochem J** 1985 Mar 1; 226(2):519-25

Breakdown of phosphatidylinositol 4,5-bisphosphate in a T-cell leukaemia line stimulated by phytohaemagglutinin is not dependent on Ca2+ mobilization. Sasaki T, et al. **Biochem J** 1985 May 1;227(3):971-9

Functional role of lipid metabolism in activated T-lymphocytes. Goppelt M, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):463-72

Chemical modification of the Na+/H+ exchanger of thymic lymphocytes. Inhibition by N-ethylmaleimide. Grinstein S, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):213-22

Glycosphingolipids of leukemic cells in adult T-cell leukemia-lymphoma. Kuriyama M, et al. **Biochim Biophys Acta** 1985 May 17;834(3):396-401

Interleukin 2 (IL 2) and interferon-gamma production by T lymphocytes from patients with B-chronic lymphocytic leukemia: evidence that normally released IL 2 is absorbed by the neoplastic B cell population. Foa R, et al. **Blood** 1985 Sep;66(3):614-9

Decrease in generation of reactive oxygen species by neutrophils from patients with infectious mononucleosis: role of suppressor T lymphocytes. Niwa Y, et al. **Blood** 1984 Nov;64(5):994-9

Production of plasminogen activators by human T-cell leukaemia virus-transformed human T cell lines. Hinuma S, et al. **Br J Cancer** 1985 Jun;51(6):753-9

Specific production of eosinophil colony stimulating factor from sensitized T cells from a patient with allergic eosinophilia. Enokihara H, et al. **Br J Haematol** 1985 Jan; 59(1):85-91

Purine metabolism in human T lymphocytes: role of the purine nucleoside cycle. Cohen A, et al. **Can J Biochem Cell Biol** 1984 Jul;62(7):577-83

Diverse deoxyribonucleotide profiles in cultured human cells with differential sensitivity to thymidine. Leyva A, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):231-7

Metabolism of 1-beta-D-arabinofuranosyl-5-azacytosine and incorporation into DNA of human T-lymphoblastic cells (Molt-4). Townsend A, et al. **Cancer Res** 1985 Aug; 45(8):3522-8

Interleukin 2 receptor (Tac antigen) expression in HTLV-I-associated adult T-cell leukemia. Waldmann TA, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4559s-4562s

Kinetics of activation antigen expression by in vitro-stimulated human T lymphocytes. Holter W, et al. **Cell Immunol** 1985 Feb;90(2):322-30

Characterization of corticosteroid receptors in natural killer cells: comparison with circulating lymphoid and myeloid cells. Katz P, et al. **Cell Immunol** 1985 Sep;94(2):347-52

Receptors for thymosin alpha 1 on mouse thymocytes. Rinaldi Garaci C, et al. **Cell Immunol** 1985 Mar; 91(1):289-93

Lymphocyte function-associated antigens one (LFA-1) on B and on T lymphocytes bind a monoclonal antibody with different affinities. van Agthoven AJ, et al. **Cell Immunol** 1985 Mar;91(1):255-62

Endocytosis of cationized ferritin in human peripheral blood by resting T-lymphocytes. Renau-Piqueras J, et al. **Cell Tissue Res** 1985;240(3):743-6

P-cell stimulating factor: biochemistry, biology, and role in oncogenesis. Schrader JW, et al. **Contemp Top Mol Immunol** 1985;10:121-46 (90 ref.)

On the mechanism of deoxyribonucleoside toxicity in human T-lymphoblastoid cells. Reversal of growth inhibition by addition of cytidine. Dahbo Y, et al. **Eur J Biochem** 1985 Aug 1;150(3):429-34

Secretion of a macrophage-activating factor distinct from interferon-gamma by human T cell clones. Andrew PW, et al. **Eur J Immunol** 1984 Oct;14(10):962-4

Receptors for immunoglobulin isotypes (FcR) on murine T cells. II. Multiple FcR induction on hybridoma T cell clones. Daëron M, et al. **Eur J Immunol** 1985 Jul; 15(7):668-74

Receptors for immunoglobulin isotypes (FcR) on murine T cells. I. Multiple FcR expression on T lymphocytes and hybridoma T cell clones. Daëron M, et al. **Eur J Immunol** 1985 Jul;15(7):662-7

Activation of macrophage tumor cytotoxicity by the synergism of two T cell-derived lymphokines: immune interferon (IFN-gamma) and macrophage cytotoxicity-inducing factor 2 (MCIF2). Hamann U, et al. **Eur J Immunol** 1985 Jan;15(1):18-24

Investigation of early T cell activation: analysis of the effect of specific antigen, interleukin 2 and monoclonal antibodies on intracellular free calcium concentration. O'Flynn K, et al. **Eur J Immunol** 1985 Jan;15(1):7-11

T cell triggering by lectins. I. Requirements for interleukin 2 production; lectin concentration determines the accessory cell dependency. Roosnek EE, et al. **Eur J Immunol** 1985 Jul;15(7):652-6

Characterization of hemopoietic growth factors from T cells and the myelomonocytic leukemia WEHI-3B. Clark-Lewis I, et al. **Exp Hematol** 1985 May;13(4):304-11

Interaction of 3-deaza-adenosine, a phospholipid methyltransferase inhibitor, on the production of pluripoietins from human peripheral T cells. Fauser AA, et al. **Exp Hematol** 1985 May;13(4):299-303

Characteristics of colony-stimulating factor production by murine T-lymphocyte clones. Kelso A, et al. **Exp Hematol** 1985 Jan;13(1):7-15

Distribution of concanavalin-A receptor sites on the surface of human resting T lymphocytes. A stereological study using concanavalin-A/colloidal-gold-labelled horseradish peroxidase. Renau-Piqueras J, et al. **Histochemistry** 1985; 82(3):293-7

The preparation of interferon gamma-producing T-cell hybridomas from jacalin-stimulated T lymphocytes and the SH9 T-cell line. Crane I, et al. **Immunology** 1984 Dec; 53(4):855-9

Suppression of B-cell and T-cell responses by the prostaglandin-induced T-cell-derived suppressors (PITS)--III. Production of PITS beta factors from T-cell hybridomas. Rogers TJ, et al. **Int J Immunopharmacol** 1985; 7(1):153-6

Evidence for distinct catabolic pathways of adenine ribonucleotides and deoxyribonucleotides in human T lymphoblastoid cells. Barankiewicz J, et al. **J Biol Chem** 1984 Dec 25;259(24):15178-81

The human receptor for T-cell growth factor. Evidence for variable post-translational processing, phosphorylation, sulfation, and the ability of precursor forms of the receptor to bind T-cell growth factor. Leonard WJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1872-80

Early heat shock proteins in primary thymocytes. Evidence for transcriptional and translational regulation. Maytin EV, et al. **J Biol Chem** 1985 Feb 25;260(4):2384-92

Covalent cross-linking of vasoactive intestinal polypeptide to its receptors on intact human lymphoblasts. Wood CL, et al. **J Biol Chem** 1985 Jan 25;260(2):1243-7

Activators of protein kinase C and 5-azacytidine induce IL-2 receptor expression on human T lymphocytes. Depper JM, et al. **J Cell Biochem** 1985;27(3):267-76

A T-lymphoma transmembrane glycoprotein (gp180) is linked to the cytoskeletal protein, fodrin. Bourguignon LY, et al. **J Cell Biol** 1985 Aug;101(2):477-87

Direct visualization of redistribution and capping of fluorescent gangliosides on lymphocytes. Spiegel S, et al. **J Cell Biol** 1984 Nov;99(5):1575-81

Clonal heterogeneity in colony stimulating factor production by murine T lymphocytes. Kelso A, et al. **J Cell Physiol** 1985 Apr;123(1):101-10

Internalization and acidification of insulin by activated human lymphocytes. Murphy RF, et al. **J Cell Physiol** 1984 Nov; 121(2):351-6

Kinetics of long-term (72 hr) calcium content during mitogen activation of cultured human T lymphocytes. Wolff CH, et al. **J Cell Physiol** 1985 Apr;123(1):46-50

Acute regulation of human lymphocyte insulin receptors. Analysis by the glucose clamp. Helderman JH. **J Clin Invest** 1984 Oct;74(4):1428-35

Pharmacologic effects of autacoids on subsets of T cells. Regulation of expression/function of histamine-2 receptors by a subset of suppressor cells. Khan MM, et al. **J Clin Invest** 1985 May;75(5):1578-83

Substance P recognition by a subset of human T lymphocytes. Payan DG, et al. **J Clin Invest** 1984 Oct;74(4):1532-9

Gamma interferon is spontaneously released by alveolar macrophages and lung T lymphocytes in patients with pulmonary sarcoidosis. Robinson BW, et al. **J Clin Invest** 1985 May;75(5):1488-95

Cytosine arabinoside transport and metabolism in acute leukemias and T cell lymphoblastic lymphoma. Wiley JS, et al. **J Clin Invest** 1985 Feb;75(2):632-42

Immunoregulation by opioid peptides: I. Absence of classical opioid receptor on human mononuclear cells. Mendelsohn LG, et al. **J Clin Lab Immunol** 1985 Mar;16(3):125-9

T cell receptor alpha chain genes are located on chromosome 14 at 14q11-14q12 in humans. Caccia N, et al. **J Exp Med** 1985 May 1;161(5):1255-60

Genetic markers of the antigen-specific T cell receptor locus. Epstein R, et al. **J Exp Med** 1985 May 1;161(5):1219-24

Major histocompatibility complex-restricted antigen receptor on T cells. VIII. Role of the LFA-1 molecule. Golde WT, et al. **J Exp Med** 1985 Mar 1;161(3):635-40

Stimulation of lymphokine release from T lymphoblasts. Requirement for mRNA synthesis and inhibition by cyclosporin A. Granelli-Piperno A, et al. **J Exp Med** 1984 Dec 1;160(6):1792-802

Human interleukin 1. Purification to homogeneity. Kronheim SR, et al. **J Exp Med** 1985 Mar 1;161(3):490-502

Clonal analysis of B cells induced to secrete IgG by T cell-derived lymphokine(s). Layton JE, et al. **J Exp Med** 1984 Dec 1;160(6):1850-63

Rat lymphoid cell lines producing human T cell leukemia virus. II. Constitutive expression of rat interleukin 2 receptor. Yodoi J, et al. **J Exp Med** 1985 May 1; 161(5):924-34

22Na+ fluxes in thymic lymphocytes. II. Amiloride-sensitive Na+/H+ exchange pathway; reversibility of transport and asymmetry of the modifier site. Grinstein S, et al. **J Gen Physiol** 1984 Oct;84(4):585-600

22Na+ fluxes in thymic lymphocytes. I. Na+/Na+ and Na+/H+ exchange through an amiloride-insensitive pathway. Grinstein S, et al. **J Gen Physiol** 1984 Oct; 84(4):565-84

Interferon gamma production by herpes simplex virus antigen-specific T cell clones from patients with recurrent herpes labialis. Cunningham AL, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):249-58

Distinction between antigen receptor and IL 2 receptor triggering events in the activation of alloreactive T cell clones with calcium ionophore and phorbol ester. Albert F, et al. **J Immunol** 1985 Jun;134(6):3649-55

Different antigen-presenting cells differ in their capacity to induce lymphokine production and proliferation of an apo-cytochrome c-specific T cell clone. Baumhüter S, et al. **J Immunol** 1985 Aug;135(2):989-94

Suppression of T lymphocyte chemotactic factor production by the opioid peptides beta-endorphin and met-enkephalin. Brown SL, et al. **J Immunol** 1985 May;134(5):3384-90

Prethymic T cell precursors express receptors for antigen. Chervenak R, et al. **J Immunol** 1985 Feb;134(2):695-8

Stimulated rat T cell-derived inhibitory factor for cellular DNA synthesis (STIF). III. Effect on cell proliferation and immune responses. Chiba K, et al. **J Immunol** 1985 May; 134(5):3172-8

Stimulated rat T cell-derived inhibitory factor for cellular DNA synthesis (STIF). I. Isolation and characterization. Chiba K, et al. **J Immunol** 1985 Feb;134(2):1019-25

Enhancement of macrophage immune and nonimmune receptor-mediated phagocytosis by a low molecular weight soluble factor from resident thymocytes. Coleman DL, et al. **J Immunol** 1984 Dec;133(6):3121-7

The role of cytoplasmic intermediates in IL 2-induced T cell growth. Gutowski JK, et al. **J Immunol** 1984 Dec; 133(6):3068-74

Developmentally controlled expression of IL 2 receptors and of sensitivity to IL 2 in a subset of embryonic thymocytes. Hardt C, et al. **J Immunol** 1985 Jun;134(6):3891-4

Genetic restriction of autoreactive acetylcholine receptor-specific T lymphocytes in myasthenia gravis. Hohlfeld R, et al. **J Immunol** 1985 Oct;135(4):2393-9

The tumor promoter teleocidin induces IL 2 receptor expression and IL 2-independent proliferation of human peripheral blood T cells. Isakov N, et al. **J Immunol** 1985 Oct;135(4):2343-50

Regulation of human T lymphocyte surface antigen mobility by purinergic receptors. Kammer GM, et al. **J Immunol** 1984 Dec;133(6):3298-302

Interleukin 1 (IL 1)-dependent lymphokine production by human leukemic T cell line HSB.2 subclones. Kasahara T, et al. **J Immunol** 1985 Mar;134(3):1682-9

Mechanism of action of a suppressor-activating factor (SAF) produced by a human T cell line. Lau CY, et al. **J Immunol** 1985 May;134(5):3155-62

Biosynthesis of mouse Thy-1 antigen. Luescher B, et al. **J Immunol** 1985 Feb;134(2):1084-9

The murine IL 2 receptor. III. Cellular requirements for the induction of IL 2 receptor expression on T cell subpopulations. Malek TR, et al. **J Immunol** 1985 Apr; 134(4):2405-13

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. III. Suppressive factor of allergy (SFA) is produced during the in vitro FcR epsilon expression cascade and displays corollary physiologic activity in vivo. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2837-44

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. I. A new class of molecules, termed IgE-induced regulants (EIR), which modulate FcR epsilon expression by lymphocytes. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2821-8

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. IV. Delineation of target cells and mechanisms of action of SFA and EFA in inhibiting in vitro induction of FcR epsilon expression. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2845-51

Thymocyte cyclic AMP and cyclic GMP response to treatment with metabolites issued from the lipoxygenase pathway. Mexmain S, et al. **J Immunol** 1985 Aug;

135(2):1361-5

Synergistic effect of concanavalin A and Bu-WSA on DNA synthesis in human peripheral blood lymphocytes. Nitta T, et al. **J Immunol** 1985 Feb;134(2):808-14

Retrovirus-mediated immunosuppression. II. FeLV-UV alters in vitro murine T lymphocyte behavior by reversibly impairing lymphokine secretion. Orosz CG, et al. **J Immunol** 1985 Jul;135(1):583-90

Monoclonal antibody OKT11A inhibits and recombinant interleukin 2 (IL 2) augments expression of IL 2 receptors at a pretranslational level. Reed JC, et al. **J Immunol** 1985 Oct;135(4):2478-82

Suppression of interleukin 2 receptor acquisition by monoclonal antibodies recognizing the 50 KD protein associated with the sheep erythrocyte receptor on human T lymphocytes. Reed JC, et al. **J Immunol** 1985 Mar;134(3):1631-9

Regulation by interleukin 2 of interleukin 2 receptors and gamma-interferon synthesis by human thymocytes: augmentation of interleukin 2 receptors by interleukin 2. Reem GH, et al. **J Immunol** 1985 Feb;134(2):953-8

Unusual expression of IL 2 receptors and both the c-myb and c-raf oncogenes in T cell lines and clones derived from autoimmune MRL-lpr/lpr mice. Rosenberg YJ, et al. **J Immunol** 1985 May;134(5):3120-3

Prolactin receptors on human T and B lymphocytes: antagonism of prolactin binding by cyclosporine. Russell DH, et al. **J Immunol** 1985 May;134(5):3027-31

Immortalization of BGDF (BCGF II)- and BCDF-producing T cells by human T cell leukemia virus (HTLV) and characterization of human BGDF (BCGF II). Shimizu K, et al. **J Immunol** 1985 Mar;134(3):1728-33

Natural killer (NK) cell activating factor released from murine thymocytes stimulated with an anti-tumor streptococcal preparation, OK-432. Shitara K, et al. **J Immunol** 1985 Feb;134(2):1039-47

Comparison of the expression of IL 2 receptors by human T and B cells: induction by the polyclonal mitogens, phorbol myristate acetate, and anti-mu antibody. Suzuki T, et al. **J Immunol** 1985 May;134(5):3111-9

Functional properties of the 50 kd protein associated with the E-receptor on human T lymphocytes: suppression of IL 2 production by anti-p50 monoclonal antibodies. Tadmori W, et al. **J Immunol** 1985 Mar;134(3):1709-16

Role of N-acetyl-D-galactosamine residue on B151K12-derived T cell-replacing factor (B151-TRF) molecule in B cell-receptor binding and -stimulating activity. Takahama Y, et al. **J Immunol** 1985 Oct;135(4):2534-40

IL 2 receptor induction on human T lymphocytes: role for IL 2 and monocytes. Wakasugi H, et al. **J Immunol** 1985 Jul;135(1):321-7

Activation of the gamma 1 gene by lipopolysaccharide and T cell-derived lymphokines containing a B cell differentiation factor for IgG1 (BCDF gamma). Yuan D, et al. **J Immunol** 1985 Aug;135(2):1465-9

Mechanism of action of thymosin. I. Thymosin fraction 5 increases lymphokine production by mature murine T cells responding in a mixed lymphocyte reaction. Zatz MM, et al. **J Immunol** 1985 Feb;134(2):1032-8

Isolation of interleukin 2 (IL-2) from human and mouse lymphocyte culture supernatants by batch adsorption onto silicic acid. Pauly JL, et al. **J Immunol Methods** 1984 Dec 14;75(1):73-84

Evidence of bone resorption-stimulating factor in adult T-cell leukemia. Fujihira T, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):385-91

A cholinergic receptor site on murine lymphocytes with novel binding characteristics. Atweh SF, et al. **Life Sci** 1984 Dec 10;35(24):2459-69

Induction of interleukin 2 production in the gibbon ape T cell line MLA 144. Lin Y, et al. **Lymphokine Res** 1985 Winter;4(1):1-4

IL-2 production and response in vitro by the leukocytes of patients with acquired immune deficiency syndrome. Reuben JM, et al. **Lymphokine Res** 1985 Spring;4(2):103-16

beta 2-Microglobulin secretion from lymphoid cells: a study at the cellular level. Hammarström L, et al. **Med Microbiol Immunol (Berl)** 1985;174(2):59-66

Constitutive production and characterization of interferon-gamma in a human T-lymphoblastoid cell line transformed by a human retrovirus. Matsuyama M, et al. **Microbiol Immunol** 1984;28(12):1333-43

Biosynthetic processing of human interleukin-2 receptor (Tac antigen). Wano Y, et al. **Microbiol Immunol** 1985;29(5):451-66

Mitogen-induced phosphorylation of cytosolic proteins in rabbit T- and B-lymphocytes. Dasch JR, et al. **Mol Immunol** 1985 Apr;22(4):379-89

Expression of interleukin-2 receptors as a differentiation marker on intrathymic stem cells. Ceredig R, et al. **Nature** 1985 Mar 7-13;314(6006):98-100

Similarities between interleukin-2 receptor number and affinity on activated B and T lymphocytes. Lowenthal JW, et al. **Nature** 1985 Jun 20-26;315(6021):669-72

Effect of ultraviolet radiation on the DNA synthesis of guinea pig thymocytes cultured in vitro. Nordlind K, et al. **Photodermatol** 1985 Apr;2(2):117-9

Genetic analysis of the 6-thiobenzylpurine binding site of the nucleoside transporter in mouse lymphoblasts. Aronow B, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):463-71

Catabolic pathways of purine ribonucleotides and deoxyribonucleotides in lymphocytes. Cohen A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):437-41

Metabolism and selectivity of arabinonucleoside in human lymphoid cells. Fridland A, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):456-62

Identification of interleukin-2 producer and responder T lymphocyte subpopulations by immunoperoxidase staining. Gillis S, et al. **Prog Clin Biol Res** 1985;182:375-86

Phenotypic and functional heterogeneity of human T cell clones producing gamma-interferon. Melioli G, et al. **Ric Clin Lab** 1985 Jan-Mar;15(1):47-52

Synthesis and turnover of the putative T-lymphocyte antigen receptor. McKimm-Breschkin JL, et al. **Scand J Immunol** 1985 Jun;21(6):539-47

Antigen-binding molecules of T cells: distinction from MHC-restricted molecules and segmental homology to immunoglobulin VH and T-cell receptor genes. Marchalonis JJ. **Scand J Immunol** 1985 Feb;21(2):99-107 (52 ref.)

The predicted structure of the Ia beta 1 domain. A hypothesis for the structural basis of major histocompatibility complex-restricted T-cell recognition of antigens. Norcross MA, et al. **Scand J Immunol** 1985 Jun;21(6):511-23 (48 ref.)

Impaired gamma interferon production by cells from patients with lymphoproliferative disorders of mature T and NK cells. Pandolfi F, et al. **Scand J Immunol** 1985 Apr;21(4):315-20

Active T-cell receptor genes have intron deoxyribonuclease hypersensitive sites. Bier E, et al. **Science** 1985 Aug 9;229(4713):528-34 (54 ref.)

Cyclosporin A binding to calmodulin: a possible site of action on T lymphocytes. Colombani PM, et al. **Science** 1985 Apr 19;228(4697):337-9

[Production of GM-CSF by human T lymphocytes purified and stimulated by Con A] Bonnefoix T, et al. **Nouv Rev Fr Hematol** 1985;27(3):175-81 (Eng. Abstr.) **(Fre)**

[In vitro synthesis of interleukin 2 (IL-2) by T lymphocytes extracted from a lymphoepithelial thymoma. Purification and biochemical characterization] Ponzoni M, et al. **Boll Ist Sieroter Milan** 1985;64(1):12-24 (Eng. Abstr.) **(Ita)**

[Metabolic state of liver mitochondria and lymphocytes after T-activin administration under condition of hypothermia] Agureev AP, et al. **Biokhimiia** 1985 Apr;50(4):639-44 (Eng. Abstr.) **(Rus)**

[The creatine kinase system in rat thymus and thymocytes.] Dmitrenko NP, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):51-6 (Eng. Abstr.) **(Rus)**

[Chagas' disease: persistent production of a T lymphocyte glycoprotein in patients treated with anti-Trypanosoma cruzi agents] Cabral HR, et al. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):5-11 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

Mechanisms of virus-induced immune suppression. Wainberg MA, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1261-7 (61 ref.)

The human T-cell leukemia/lymphotropic retroviruses (HTLV) family: past, present, and future. Gallo RC. **Cancer Res** 1985 Sep;45(9 Suppl):4524s-4533s (95 ref.)

Advances in the isolation of HTLV-III from patients with AIDS and AIDS-related complex and from donors at risk. Markham PD, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4588s-4591s

Evidence for HTLV-III in T-cells from semen of AIDS patients: expression in primary cell culture, long-term mitogen-stimulated cell cultures, and cocultures with a permissive T-cell line. Zagury D, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4595s-4597s

Characterization of Epstein-Barr virus-specific T-cell hybridomas derived from infectious mononucleosis. Valentine MA, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):56-62

Human T-cell leukemia/lymphoma viruses (HTLV): a unique family of pathogenic retroviruses. Mitsuya H, et al. **Curr Top Microbiol Immunol** 1985;115:33-51

Isolation, characterization, and biological effects of the first human retroviruses: the human T-lymphotropic retrovirus family. Robert-Guroff M, et al. **Curr Top Microbiol Immunol** 1985;115:7-31

Two cases of AIDS with florid Mycobacterium avium-intracellulare infection in the T-cell areas of the spleen [letter] Seshi B. **Hum Pathol** 1985 Sep;16(9):964-5

Immortalization of human lymphocytes by co-cultivation with lethally irradiated autologous T-cell lines harbouring human T-cell leukaemia virus-I. Akagi T, et al. **J Cancer Res Clin Oncol** 1985;110(1):82-4

Microplate method for retrovirus-induced transformation of normal human T-cells. Sugamura K, et al. **J Immunol Methods** 1984 Oct 26;73(2):379-85

Herpes simplex virus replication in interleukin-2-stimulated human T cells. Hammer SM, et al. **J Infect Dis** 1985 Mar;151(3):544-8

Detection of two human T cell leukemia/lymphotropic viruses in cultured lymphocytes of a hemophiliac with acquired immunodeficiency syndrome. Palmer EL, et al. **J Infect Dis** 1985 Mar;151(3):559-63

Monkey B-lymphotropic papovavirus mutant capable of replicating in T-lymphoblastoid cells. Kanda T, et al. **J Virol** 1985 Jul;55(1):96-100

Herpesvirus sylvilagus infects both B and T lymphocytes in vivo. Kramp WJ, et al. **J Virol** 1985 Oct;56(1):60-5

Inverse relationship between constitutive gamma interferon production and human T-cell lymphoma/leukemia virus expression in cultured T lymphocytes. Moore JL, et al. **J Virol** 1985 Feb;53(2):440-6

Ribavirin suppresses replication of lymphadenopathy-associated virus in cultures of human adult T lymphocytes. McCormick JB, et al. **Lancet** 1984 Dec 15;2(8416):1367-9

T4 positive human neoplastic cell lines susceptible to and permissive for HTLV-III [letter] Popovic M, et al. **Lancet** 1984 Dec 22;2(8417-18):1472-3

The monoclonal antibodies to p19 of HTLV should not be used alone to screen for the virus in T-cells. Comment. Karpas A. **Leuk Res** 1985;9(4):511-2

Measles virus variants: viral replication and cytopathogenicity in human T lymphocytes and B lymphoblastoid cells. Di Stefano R, et al. **Microbiologica** 1984 Jul;7(3):197-202

Clonal selection of human T-cell leukemia virus-infected cells in vivo and in vitro. Hahn B, et al. **Mol Biol Med** 1984 Feb;2(1):29-36

A molecular clone of HTLV-III with biological activity. Fisher AG, et al. **Nature** 1985 Jul 18-24;316(6025):262-5

T-lymphocyte T4 molecule behaves as the receptor for human retrovirus LAV. Klatzmann D, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):767-8

The human T-cell leukemia-lymphoma virus family. Salahuddin SZ, et al. **Prog Med Virol** 1985;32:195-211 (88 ref.)

Isolation of T-cell tropic HTLV-III-like retrovirus from macaques. Daniel MD, et al. **Science** 1985 Jun 7;228(4704):1201-4

Persistent noncytopathic infection of normal human T lymphocytes with AIDS-associated retrovirus. Hoxie JA, et al. **Science** 1985 Sep 27;229(4720):1400-2

Serologic identification and characterization of a macaque T-lymphotropic retrovirus closely related to HTLV-III. Kanki PJ, et al. **Science** 1985 Jun 7;228(4704):1199-201

More about the HTLV's and how they act [news] Marx JL. **Science** 1985 Jul 5;229(4708):37-8

Suramin protection of T cells in vitro against infectivity and cytopathic effect of HTLV-III. Mitsuya H, et al. **Science** 1984 Oct 12;226(4671):172-4

[Influence of mycoplasma on the production of the oncogenic leukemia virus HTLV by HUT-102 T-lymphoblastoid cells] Alymbaeva DB, et al. **Vopr Virusol** 1985 Jan-Feb;30(1):75-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Phenotypic characterization of skin-infiltrating cells in pagetoid reticulosis by monoclonal antibodies. Gonzalez M, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):421-4

Predominant T cells in pleural effusion of a patient with B-cell CLL. Ben-Chetrit E, et al. **Acta Haematol (Basel)** 1985;73(2):101-3

The arrest of T cell maturation in spontaneously hypertensive rats with a deficient production of thymic factors. Takeichi N, et al. **Acta Pathol Jpn** 1985 Mar;35(2):351-60

Immunologic methods in cytology: definitive diagnosis of non-Hodgkin's lymphomas using immunologic markers for T- and B-cells. Martin SE, et al. **Am J Clin Pathol** 1984 Dec;82(6):666-73

Morphologic and immunologic evidence of composite B- and T-cell lymphomas. A report of three cases developing in follicular center cell lymphomas. York JC 2d, et al. **Am J Clin Pathol** 1985 Jul;84(1):35-43

Lymphomatoid papulosis. Development into cutaneous T-cell lymphoma. Wantzin GL, et al. **Arch Dermatol** 1985 Jun;121(6):792-4

Lymphadenopathy in patients at risk for acquired immunodeficiency syndrome. Histopathology and histochemistry. Raphael M, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):128-32

Different populations of rheumatoid adherent cells mediate activation versus suppression of T lymphocyte proliferation. Klareskog L, et al. **Arthritis Rheum** 1985 Aug;28(8):863-72

Preleukemic state of adult T cell leukemia: abnormal T lymphocytosis induced by human adult T cell leukemia-lymphoma virus. Kinoshita K, et al. **Blood** 1985 Jul;66(1):120-7

Terminal transferase positive acute promyelocytic leukemia: in vitro differentiation of a T-lymphocytic/promyelocytic hybrid phenotype. Paietta E, et al. **Blood** 1985 Jan;65(1):107-14

T gamma-lymphoproliferative disease and related disorders in humans and experimental animals: a review of the clinical, cellular, and functional characteristics. Reynolds CW, et al. **Blood** 1984 Dec;64(6):1146-58 (107 ref.)

T cells in patients with chronic T gamma lymphocytosis: morphology, cytochemistry, ultrastructure and immunological characteristics. Smit JW, et al. **Blut** 1985 Aug;51(2):83-95

Differentiation and cytokinetic analyses of normal and neoplastic lymphoid cells in B and T cell malignancies of childhood. Hirt A, et al. **Br J Haematol** 1984 Oct;58(2):241-8

Chronic T cell lymphocytosis: a review of 21 cases. Newland AC, et al. **Br J Haematol** 1984 Nov;58(3):433-46

B- and T-lymphocytes in Hodgkin's disease. An immunohistochemical study utilizing heterologous and monoclonal antibodies. Forni M, et al. **Cancer** 1985 Feb 15;55(4):728-37

Hand-mirror variant of acute lymphoblastic leukemia. Evidence for early T-cell lineage in two cases by evaluation with monoclonal antibodies. Gramatzki M, et al. **Cancer** 1985 Jan 1;55(1):77-83

Peripheral T-cell lymphoma. A clinicopathologic study of a morphologically diverse entity. Weisenburger DD, et al. **Cancer** 1985 Oct 15;56(8):2061-8

Characterization of extramedullary tumors in a case of Ph-positive chronic myelogenous leukemia: possible involvement of immature T lymphocytes. Ohyashiki K, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):119-27

Retroviruses and human cancer: evaluation of T-lymphocyte transformation by human T-cell leukemia-lymphoma virus. Lobach DF, et al. **Cancer Invest** 1985;3(2):145-60 (147 ref.)

Sezary's syndrome: T lymphocyte phenotyping of a skin biopsy using monoclonal antibodies. Hoffman MA, et al. **Clin Lab Haematol** 1984;6(4):383-6

T lymphoblastic transformation of refractory anaemia with excess of blasts. Pereira AM, et al. **Clin Lab Haematol** 1985; 7(1):89-95

A morphologic study of lymphadenosis benigna cutis. Geerts ML, et al. **Dermatologica** 1985;170(3):121-7

Immunoblastic sarcoma of T- and B-cell types: morphologic description and comparison. Schneider DR, et al. **Hum Pathol** 1985 Sep;16(9):885-900

Colony formation in the absence of added growth factors by peripheral blood T-cell colony-forming cells of patients with T-cell malignancies. Georgoulias V, et al. **Int J Cancer** 1984 Oct 15;34(4):471-7

HTLV-positive and -negative T-cell lymphomas. Morphological and immunohistochemical differences between European and HTLV-positive Japanese T-cell lymphomas. Lennert K, et al. **Int J Cancer** 1985 Jan 15; 35(1):65-72

Induction of IL-2 production, IL-2 receptor expression and proliferation of T3- T-PLL cells by phorbol ester. Vyth-Dreese FA, et al. **Int J Cancer** 1984 Dec 15; 34(6):831-8

Normal human marrow stromal cells induce clonal growth of human malignant T-lymphoblasts. Gallardo RL, et al. **Int J Cell Cloning** 1985 May;3(3):169-75

Patterns of thymocyte differentiation markers on virus and radiation induced lymphomas of C57BL/Ka mice. Scott ML, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):71-8

T cells and probably B cells arise from the malignant clone in chronic myelogenous leukemia. Fauser AA, et al. **J Clin Invest** 1985 Mar;75(3):1080-2

Long-term T-cell lines from the tears of patients with vernal conjunctivitis. Clark RB, et al. **J Clin Lab Immunol** 1984 Oct;15(2):91-4

Interleukin 2 inhibits in vitro growth of human T cell lines carrying retrovirus. Sugamura K, et al. **J Exp Med** 1985 May 1;161(5):1243-8

Enlargement of Lyt-2-positive T cells is associated with functional impairment and autoimmune hemolytic anemia in New Zealand Black mice. McCoy KL, et al. **J Immunol** 1985 Oct;135(4):2432-7

Cellular events during radiation-induced thymic leukemogenesis in mice: abnormal T cell differentiation in the thymus and defect of thymocyte precursors in the bone marrow after split-dose irradiation. Muto M, et al. **J Immunol** 1985 Mar;134(3):2026-31

Combined ex vivo treatment with immunotoxins and mafosfamid: a novel immunochemotherapeutic approach for elimination of neoplastic T cells from autologous marrow grafts. Uckun FM, et al. **J Immunol** 1985 May; 134(5):3504-15

Phenotypic properties of atypical lymphocytes in cytomegalovirus-induced mononucleosis. Felsenstein D, et al. **J Infect Dis** 1985 Jul;152(1):198-203

Cutaneous lymphoma expressing both T-cell and macrophage features. Adams J, et al. **J R Soc Med** 1984; 77 Suppl 4:12-5

T lymphocyte participation in antibody-induced experimental glomerulonephritis. Tipping PG, et al. **Kidney Int** 1985 Mar;27(3):530-7

In vitro transformation of human cord blood and bone marrow T lymphocytes by HTLV. Markham PD, et al. **KROC Found Ser** 1984;18:323-35 (57 ref.)

Accessory role of autologous T lymphocytes and adherent cells for the in vitro proliferation of T-cell colony-forming cells from patients with T-cell acute lymphoblastic leukemia. Georgoulias V, et al. **Leuk Res** 1985;9(3):357-67

Characterization of a continuous T-cell line susceptible to the cytopathic effects of the acquired immunodeficiency syndrome (AIDS)-associated retrovirus. Folks T, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4539-43

Unusual T cell proliferations and neutropenia in rheumatoid arthritis: comparison with classical Felty's syndrome. Linch DC, et al. **Scand J Haematol** 1984 Oct;33(4):342-50

E rosette-positive agar colonies containing the Philadelphia chromosome in chronic myeloid leukaemia. Nogueira-Costa R, et al. **Scand J Haematol** 1985 Feb; 34(2):184-90

Treatment of therapy-resistant Sézary syndrome with Cyclosporin-A: suppression of pruritus, leukaemic T cell activation markers and tumour mass. Tötterman TH, et al. **Scand J Haematol** 1985 Feb;34(2):196-203

Prothymocytes as target cells of T cell leukemogenesis in the mouse. Haran-Ghera N. **Surv Immunol Res** 1985; 4(1):19-26

Abnormal T lymphocyte colony formation following human allogeneic bone marrow transplantation. Luckhurst E, et al. **Transplant Proc** 1985 Apr;17(2):1717-20

Graft-versus-host-disease-like histopathological findings in pre-bone-marrow transplantation biopsies of patients with severe T cell deficiency. Snover DC, et al. **Transplantation** 1985 Jan;39(1):95-7

[Interaction of the tumor and immunocompetent cells of lung cancer patients in diffusion chambers] Berezhnaia NM, et al. **Eksp Onkol** 1985;7(3):37-40 (Eng. Abstr.) **(Rus)**

[Clinical manifestations of lymphoproliferative disorders of thymic origin] Pintado Cros T. **Sangre (Barc)** 1984; 29(4-C):731-40 (77 ref.) **(Spa)**

PHYSIOLOGY

Modification of the chemiluminescent response of rat thymocytes to concanavalin A by the acute non-specific inflammatory process. Bird J, et al. **Agents Actions** 1984 Oct;15(3-4):356-60

Neuropathy and anti-myelin-associated glycoprotein IgM M proteins: T cell regulation of M protein secretion in vitro. Latov N, et al. **Ann Neurol** 1985 Aug;18(2):182-8

Dendritic cell identification in head and neck lymphoid tissue. Newly recognized cells control T-lymphocyte functions. Richtsmeier WJ, et al. **Arch Otolaryngol** 1984 Nov; 110(11):701-6

T lymphocyte clones illuminate pathogenesis and affect therapy of experimental arthritis. Cohen IR, et al. **Arthritis Rheum** 1985 Aug;28(8):841-5

Regulation of human peripheral blood erythroid burst-forming unit growth by T lymphocytes and T lymphocyte subpopulations defined by OKT4 and OKT8 monoclonal antibodies. Wisniewski D, et al. **Blood** 1985 Feb;65(2):456-63

A regulatory role of activated T-lymphocytes on human megakaryocytopoiesis in vitro. Geissler D, et al **Br J Haematol** 1985 Jun;60(2):233-8

Lymphocyte and macrophage function. Crawford DH. **Br J Hosp Med** 1984 Sep;32(3):112, 114-8 (32 ref.)

Distinction of human T-cell line (HUT-102)-derived activity stimulating granulocytic colony formation in diffusion chambers in vivo from activities stimulating erythroid and mixed-colony formation in vitro. Niskanen E, et al. **Cancer Res** 1985 Aug;45(8):3493-6

Human B-cell proliferation in response to recombinant interleukin 2 is not due to T-cell help. Lê thi Bich-Thuy, et al. **Cell Immunol** 1985 Sep;94(2):353-9

DNA synthesis of rat thymic lymphocytes and their migration to the spleen. Encuţ I, et al. **Cell Mol Biol** 1984; 30(4):401-6

T-cell function. Sakai H. **Contrib Nephrol** 1984;40:124-9

Effects of age, gender, and cigarette smoking on human immunoregulatory T-cell subsets: establishment of normal ranges and comparison with patients with colorectal cancer and multiple sclerosis. Burton RC, et al. **Diagn Immunol** 1983;1(3):216-23

Immunological studies of aging. IX. Quantitative differences in T lymphocyte subsets in young and old individuals. Schwab R, et al. **Diagn Immunol** 1983;1(3):195-8

T-cell regulation of erythropoiesis during acute lymphoblastic leukemia. Bacon ER, et al. **Exp Hematol** 1985 Feb;13(2):104-10

Effects of T cells and monocytes on globin chain synthesis in erythroid bursts cultured from human peripheral blood burst-forming units (BFU-e). Baptista LC, et al. **Exp Hematol** 1985 Jul;13(6):507-11

Molecularly cloned and expressed murine T-cell gene product is biologically similar to interleukin-3. Greenberger JS, et al. **Exp Hematol** 1985 May;13(4):249-60

Production of colony-stimulating factor(s) for granulocyte-macrophage and multipotential (granulocyte/erythroid/megakaryocyte/macrophage) hematopoietic progenitor cells (CFU-GEMM) by clonal lines of human IL-2-dependent T-lymphocytes. Greenberger JS, et al. **Exp Hematol** 1984 Oct;12(9):720-7

Thymic lymphoid-stromal cell complexes in mice: in vitro assay and mechanism of the complex formation. Hiai H, et al. **Exp Hematol** 1985 Mar;13(3):215-20

Regulation of Thy-1 and Pgp-1 glycoproteins in hybrids between T-cell lymphomas and Abelson-leukemia-virus-induced lymphomas. Hyman R, et al. **Immunogenetics** 1984;20(6):677-91

Plaque-forming cell capability in the senescent. Tauris P, et al. **Immunol Lett** 1985;9(1):3-8

Subpopulations of mononuclear cells in ageing: expansion of the null cell compartment and decrease in the number of T and B cells in human blood. Ligthart GJ, et al. **Immunology** 1985 May;55(1):15-21

Characteristic biochemical differences in human T and B lymphocytes separated on nylon wool. Hrabák A, et al. **Int J Biochem** 1985;17(1):113-7

Variable inotropic effect of immune cells on mice atria--participation of metabolic products of arachidonic acid. Borda E, et al. **Int J Immunopharmacol** 1984; 6(6):629-36

T-cell mediated vascular dilatation and hemorrhage induced by antitumour polysaccharides. Maeda YY, et al. **Int J Immunopharmacol** 1984;6(5):493-501

An analysis of T lymphocyte subpopulations in patients with Alzheimer's disease. Leffell MS, et al. **J Am Geriatr Soc** 1985 Jan;33(1):4-8

The intracellular pH of quiescent and proliferating human and rat thymic lymphocytes. Grinstein S, et al. **J Cell Physiol** 1984 Oct;121(1):87-95

Bone marrow function. I. Peripheral T cells are responsible for the increased auto-antiidiotype response of older mice. Kim YT, et al. **J Exp Med** 1985 May 1;161(5):1237-42

In vitro alteration of receptors for vasoactive intestinal peptide changes the in vivo localization of mouse T cells. Ottaway CA. **J Exp Med** 1984 Oct 1;160(4):1054-69

Induction of T cell aggregation by antibody to a 16kd human leukocyte surface antigen. Chen YX, et al. **J Immunol** 1984 Nov;133(5):2496-501

The roles of T cell factors in activation, cell cycle progression, and differentiation of human B cells. Jelinek DF, et al. **J Immunol** 1985 Mar;134(3):1690-701

Induction of human T lymphocyte motility by interleukin 2. Kornfeld H, et al. **J Immunol** 1985 Jun;134(6):3887-90

Ly-2+ T cell enlargement and null cell proliferation occur at the onset of splenomegaly and autoantibody production in New Zealand Black mice. Manohar V, et al. **J Immunol** 1984 Dec;133(6):3020-5

Delayed reduction in T cell precursor frequencies accompanies diet-induced lifespan extension. Miller RA, et al. **J Immunol** 1985 Mar;134(3):1426-9

Inhibition of proliferation of mouse T cell-dependent bone marrow-derived mast cells by rat serum does not change their unique phenotype. Stevens RL, et al. **J Immunol** 1984 Nov;133(5):2674-80

The ontogeny and organization of the lymphoid system. Osmond DG. **J Invest Dermatol** 1985 Jul;85(1 Suppl):2s-9s

The stimulation of human peripheral blood lymphocytes by solubilized dental plaque: macrophage and T-cell dependence. Baker JJ, et al. **J Periodontol** 1985 Jul; 56(7):410-8

Evaluation of PSK, an antitumor protein-bound polysaccharides, by thymocyte electrophoresis. Iwaguchi T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):677-80

A voltage-gated potassium channel in human T lymphocytes. Cahalan MD, et al. **J Physiol (Lond)** 1985 Jan;358:197-237

Molecular level view gives immune system clues [news] Marwick C. **JAMA** 1985 Jun 21;253(23):3371, 3375-6

Effect of radiation on the production of interleukins and T-lymphocyte activities. Manori I, et al. **JNCI** 1985 Jun; 74(6):1215-21

Constitutive production of phagocytosis inducing factor(s) in a monocyte/macrophage lineage cell line (THP-1) by retrovirus-transformed human T cell lines. Hinuma S, et al. **Microbiol Immunol** 1984;28(8):935-47

The murine T-cell receptor uses a limited repertoire of expressed V beta gene segments. Barth RK, et al. **Nature** 1985 Aug 8-14;316(6028):517-23

Homing receptor-bearing thymocytes, an immunocompetent cortical subpopulation. Fink PJ, et al. **Nature** 1985 Jan 17-23;313(5999):233-5

Limited diversity of the rearranged T-cell gamma gene. Kranz DM, et al. **Nature** 1985 Feb 28-Mar 6; 313(6005):752-5

Rearrangement and transcription of the beta-chain genes of the T-cell antigen receptor in different types of murine lymphocytes. Kronenberg M, et al. **Nature** 1985 Feb 21-27; 313(6004):647-53

T cell and monocyte-derived burst-promoting activity directly act on erythroid progenitor cells. Linch DC, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):775-7

Human gamma-chain genes are rearranged in leukaemic T cells and map to the short arm of chromosome 7. Murre C, et al. **Nature** 1985 Aug 8-14;316(6028):549-52

Antigen-dependent increase in cytosolic free calcium in specific human T-lymphocyte clones. Nisbet-Brown E, et al. **Nature** 1985 Aug 8-14;316(6028):545-7

Developmental regulation of T-cell receptor gene expression. Raulet DH, et al. **Nature** 1985 Mar 7-13;314(6006):103-7

Identical V beta T-cell receptor genes used in alloreactive cytotoxic and antigen plus I-A specific helper T cells. Rupp F, et al. **Nature** 1985 May 30-Jun 5;315(6018):425-7

Primary structure of human T-cell receptor alpha-chain. Sim GK, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):771-5

Complexity of human T-cell antigen receptor beta-chain constant- and variable-region genes. Sims JE, et al. **Nature** 1984 Dec 6-12;312(5994):541-5

Expression of T-cell antigen receptor genes during fetal development in the thymus. Snodgrass HR, et al. **Nature** 1985 May 16-22;315(6016):232-3

Early steps of lymphocyte activation bypassed by synergy between calcium ionophores and phorbol ester. Truneh A, et al. **Nature** 1985 Jan 24-30;313(6000):318-20

Absence of growth by most receptor-expressing fetal thymocytes in the presence of interleukin-2. von Boehmer H, et al. **Nature** 1985 Apr 11-17;314(6011):539-40

Sequence and expression of transcripts of the human T-cell receptor beta-chain genes. Yoshikai Y, et al. **Nature** 1984 Dec 6-12;312(5994):521-4

T lymphocytes, monocytes and erythropoiesis disorders in chronic renal failure. Lamperi S, et al. **Nephron** 1985; 39(3):211-5

Human T lymphocytes and hemopoiesis. Kamamoto T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1739-52

Gene transfer in lymphoid cells: expression of the Thy-1.2 antigen by Thy-1.1 BW5147 lymphoma cells transfected with unfractionated cellular DNA. Berman JW, et al.

Proc Natl Acad Sci USA 1984 Nov;81(22):7176-9

T-cell receptor gene rearrangements as markers of lineage and clonality in T-cell neoplasms. Flug F, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3460-4

Interleukin 2 receptor gene expression in normal human T lymphocytes. Leonard WJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6281-5

Regulation of c-myc mRNA levels in normal human lymphocytes by modulators of cell proliferation. Reed JC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4221-4

The effect of concanavalin A-stimulated mononuclear cells on low density lipoprotein receptor activity of cultured fibroblasts. Hiramatsu K, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):9-16

Deregulation of interleukin-2 receptor gene expression in HTLV-I-induced adult T-cell leukemia. Krönke M, et al. **Science** 1985 Jun 7;228(4704):1215-7

T cell approach to demyelinating diseases. Wekerle H, et al. **Springer Semin Immunopathol** 1985;8(1-2):97-110 (37 ref.)

Differentiation factors from cell lines. Watson JD, et al. **Symp Fundam Cancer Res** 1984;37:315-25

Transplantation. Molecular biology and function. **Transplant Proc** 1985 Feb;17(1 Pt 2):935-1011

Enhancement of endothelial plasminogen activator synthesis by lymphokines. Tiku ML, et al. **Transplantation** 1985 Sep; 40(3):293-8

The effects of variations in pH and temperature on the activation of mouse thymocytes by both forms of rabbit interleukin-1. Murphy PA, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):115-23

[An extended concept of tonsillar involution: changes in lymphocyte maturation. Its demonstration by surface marker determination with monoclonal antibodies and rosette technics] Siegel G, et al. **Allerg Immunol (Leipz)** 1985;31(1):55-60 (Eng. Abstr.) **(Ger)**

[Studies on the regulatory function of T cells in patients with multiple myeloma] Funato T, et al. **Gan No Rinsho** 1985 Apr;31(4):404-8 (Eng. Abstr.) **(Jpn)**

[Antitumor activity of Ge-132, a new organogermanium compound, in mice is expressed through the functions of macrophages and T lymphocytes] Suzuki F. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1445-52 (Eng. Abstr.) **(Jpn)**

[Lymphoid cell capacity for erythropoiesis stimulation after local irradiation of the body] Dygai AM, et al. **Gematol Transfuziol** 1984 Dec;29(12):25-6 (Eng. Abstr.) **(Rus)**

[The role of T cells in the mechanism of action of glucocorticoids on hematopoietic stem cells] Moroz BB, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):24-8 (Eng. Abstr.) **(Rus)**

[Radiosensitivity of a thymocyte subpopulation capable of stimulating erythropoiesis in locally irradiated animals] Dygai AM. **Radiobiologiia** 1984 Nov-Dec;24(6):811-3 (Eng. Abstr.) **(Rus)**

[Immunologic properties of the growth hormone in 2 model situations] Rovensky J, et al. **Bratisl Lek Listy** 1985 Aug; 84(2):185-92 (Eng. Abstr.) **(Slo)**

PHYSIOPATHOLOGY

Proportional and functional studies of the infiltrating lymphocytes in the parotid gland of Sjögren's syndrome associated with rheumatoid arthritis. Ichikawa Y, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):23-30

RADIATION EFFECTS

Effect of highly radiolabelled 2,4-dinitrochlorobenzene (DNCB) on experimental DNCB contact dermatitis in guinea pigs. Filipp G, et al. **Allergy** 1984 Oct;39(7):499-507

T-cell abnormalities after mediastinal irradiation for lung cancer. The in vitro influence of synthetic thymosin alpha-1. Schulof RS, et al. **Cancer** 1985 Mar 1;55(5):974-83

The therapeutic significance of concomitant antitumor immunity. I. LY-1-2+ T cells from mice with a progressive tumor can cause regression of an established tumor in gamma-irradiated recipients. North RJ. **Cancer Immunol Immunother** 1984;18(2):69-74

Variation of peripheral T-lymphocytes after total body irradiation in 9 patients with chronic granulocytic leukemia. Gu YX, et al. **Chin Med J [Engl]** 1985 Jan;98(1):72-4

Radiosensitivity of isolated subsets of human lymphocytes (E+, OKT4+, OKT8+): protective role of monocytes and monokines. Manori I, et al. **Clin Exp Immunol** 1984 Nov;58(2):453-61

Functional impairment of T-lymphocytes in mouse radiation chimeras by a nucleotide-free diet. Kulkarni SS, et al. **Exp Hematol** 1984 Oct;12(9):694-9

Mechanism of enhancing effect of irradiation on production of IL-2. Gerber M, et al. **Immunol Lett** 1985;9(5):279-83

The use of flow cytometry to measure X-ray survival in cultured T lymphocytes. Szekely JG, et al. **Int J Radiat Biol** 1985 Jun;47(6):681-8

DNA supercoiled domains and radiosensitivity of subpopulations of human peripheral blood lymphocytes. van Rensburg EJ, et al. **Int J Radiat Biol** 1985 Jun; 47(6):673-9

Restoring capacity of immunomodifiers for radiation-induced inhibition of colony-forming T cells. Pioch Y, et al. **J Biol Response Mod** 1985 Feb;4(1):70-82

Strain difference in the radiosensitivity of immunocompetent cells and its influence on the residual host-vs-graft reaction in lethally irradiated mice grafted with semiallogeneic bone marrow. Sado T, et al. **J Immunol** 1985 Feb;134(2):704-10

The relative sensitivity of peripheral blood T-lymphocyte colony forming cells and bone marrow CFU-GM to deoxyadenosine and 2'deoxycoformycin. Russell NH, et al. **Leuk Res** 1985;9(2):315-9

Ultraviolet radiation inhibits both accessory cell and responder T cell function in the proliferative response to haptenated-self. Pretell JO, et al. **Photochem Photobiol** 1984 Sep;40(3):337-42

In vivo separation of two classes of T cells as determined by negative selection after the injection of UV-treated allogeneic lymphoid cells. Bellgrau D, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5136-9

Effects of atomic bomb radiation on the differentiation of B lymphocytes and on the function of concanavalin A-induced suppressor T lymphocytes. Yamada Y, et al. **Radiat Res** 1985 Feb;101(2):351-5

[Flow-cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiotherapy. 2. Special reference to OKM1+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):566-72 (Eng. Abstr.) **(Jpn)**

[Flow-cytometric analysis of changes in lymphocyte subsets in the blood of cancer patients during radiotherapy. 3. Special reference to OKT4+-lymphocytes] Ogawa Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):573-9 (Eng. Abstr.) **(Jpn)**

[Postirradiation dynamics of T-lymphocyte precursors and thymus regeneration in mice] Iarilin AA, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):505-9 (Eng. Abstr.) **(Rus)**

[Inactivation of non-syngeneic hematopoietic stem cells by mouse lymphocytes after long-term exposure to tritium oxide] Kirillova EN, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):255-8 (Eng. Abstr.) **(Rus)**

[Effect of bacterial DNA gyrase inhibitors on the radiosensitivity of thymocytes and on the utilization of exogenous adenine in these cells] Kuznetsova EV, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):457-61 (Eng. Abstr.) **(Rus)**

[Role of hypoxanthine in the radiation death of thymocytes in vitro] Trebenok ZA, et al. **Radiobiologiia** 1985 Jul-Aug; 25(4):521-4 (Eng. Abstr.) **(Rus)**

[Postirradiation changes in the chromatin structure of thymocytes in irradiated rats] Zotova RN, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):517-21 (Eng. Abstr.) **(Rus)**

SECRETION

Release of platelet-activating factor (PAF)-like material from human lymphoid cell lines. Bussolino F, et al. **Exp Hematol** 1984 Oct;12(9):688-93

The activity of lymphokines secreted by normal and malignant T cells. Krammer PH, et al. **Springer Semin Immunopathol** 1984;7(4):291-8

TRANSPLANTATION

Therapy of disseminated murine leukemia with cyclophosphamide and immune Lyt-1+,2- T cells. Tumor eradication does not require participation of cytotoxic T cells. Greenberg PD, et al. **J Exp Med** 1985 May 1; 161(5):1122-34

Enhanced accumulation of inflammatory neutrophils and macrophages mediated by transfer of T cells from mice immunized with Listeria monocytogenes. Czuprynski CJ, et al. **J Immunol** 1985 May;134(5):3449-54

Treatment of disseminated leukemia with cyclophosphamide and immune cells: tumor immunity reflects long-term persistence of tumor-specific donor T cells. Greenberg PD, et al. **J Immunol** 1984 Dec;133(6):3401-7

Murine interstitial nephritis. IV. Long-term cultured L3T4+ T cell lines transfer delayed expression of disease as I-A-restricted inducers of the effector T cell repertoire. Mann R, et al. **J Immunol** 1985 Jul;135(1):286-93

Pregnancy after treatment with paternal lymphocytes [letter] MacLeod AM, et al. **Lancet** 1985 Aug 31;2(8453):508

ULTRASTRUCTURE

Eosinophilic granuloma associated with a 16q22 chromosomal defect of cutaneous T lymphocytes. Bisballe S, et al. **Acta Derm Venereol (Stockh)** 1984;64(6):548-51

Immunoelectron-microscopic localization of Tac antigen in adult T-cell leukemia/lymphoma. Shamoto M, et al. **Am J Pathol** 1985 Jun;119(3):513-6

The chromosomal location of T-cell receptor genes and a T cell rearranging gene: possible correlation with specific translocations in human T cell leukaemia. Rabbitts TH, et al. **EMBO J** 1985 Jun;4(6):1461-5

Leu-7-positive cells with monocyte phenotype show different ultrastructural features in comparison to Leu-7-positive cells with T-cell phenotype. Manara GC, et al. **Histochemistry** 1985;82(6):525-7

The acquired immunodeficiency syndrome: an ultrastructural study. Sidhu GS, et al. **Hum Pathol** 1985 Apr;16(4):377-86

Anchorage and lymphocyte function: pattern of spreading distinguishes T- and B-cell chronic lymphocytic leukaemia. Sundqvist KG, et al. **Immunology** 1984 Dec; 53(4):635-42

[Cell surface in the contact interaction of normal masto- and lymphocytes and those subjected to freezing] Nikol'skii IS, et al. **Tsitologiia** 1984 Nov;26(11):1283-6 (Eng. Abstr.) **(Rus)**

[Comparative study of ultrastructure of E and EM-rosette-forming human lymphocytes] Gruzov MA, et al. **Vrach Delo** 1985 Jan;(1):92-5 (Eng. Abstr.) **(Rus)**

T LYMPHOCYTES, CYTOTOXIC

see related

CYTOTOXICITY, IMMUNOLOGIC

Mechanisms of cell-mediated cytotoxicity II. Second International Workshop on Mechanisms in Cell-Mediated Cytotoxicity. Annapolis, Maryland, June 10-13, 1984. **Adv Exp Med Biol** 1985;184:1-568

Pure red cell aplasia and thymoma associated with high levels of the suppressor/cytotoxic T lymphocyte subset. Milnes JP, et al. **Br Med J [Clin Res]** 1984 Nov 17; 289(6455):1333-4

Human renal allograft and peripheral blood T lymphocyte subpopulations during the onset and treatment of rejection. Taube D, et al. **Clin Nephrol** 1984 Sep;22(3):127-32

Subpopulations of mononuclear cells in microscopic lesions of psoriatic patients. Selective accumulation of suppressor/cytotoxic T cells in epidermis during the evolution of the lesion. Hammar H, et al. **J Invest Dermatol** 1984 Dec;83(6):416-20

ANALYSIS

p215 and p24: two membrane-associated proteins expressed on cloned cytolytic T-cells but not on cloned helper T-cells. Gately MK, et al. **Adv Exp Med Biol** 1985; 184:401-13

Beta-linked N-acetylgalactosamine residues present at the nonreducing termini of O-linked oligosaccharides of a cloned murine cytotoxic T lymphocyte line are absent in a Vicia villosa lectin-resistant mutant cell line. Conzelmann A, et al. **J Biol Chem** 1984 Oct 25;259(20):12528-35

Comparison of membrane-associated proteins of murine cytolytic and helper cloned T-cell lines: identification of a protein, p24, prominent in membrane fractions from cytolytic but not helper T-cells. Dick MD, et al. **Mol Immunol** 1985 Jul;22(7):741-55

CLASSIFICATION

Development of graft-vs.-host disease-like syndrome in cyclosporine-treated rats after syngeneic bone marrow transplantation. I. Development of cytotoxic T lymphocytes with apparent polyclonal anti-Ia specificity, including autoreactivity. Hess AD, et al. **J Exp Med** 1985 Apr 1;161(4):718-30

Molecular cloning and DNA sequence analysis of genes encoding cytotoxic T lymphocyte-defined HLA-A3 subtypes: the E1 subtype. Cowan EP, et al. **J Immunol** 1985 Oct;135(4):2835-41

Generation of primary murine CTL specific for allogeneic and xenogeneic MHC determinants upon stimulation with murine L cells transfected with class I genes. Golding H, et al. **J Immunol** 1985 Jun;134(6):3557-9

Protein-antigen specific Ia-restricted cytolytic T cells: analysis of frequency, target cell susceptibility, and mechanism of cytolysis. Tite JP, et al. **J Immunol** 1985 Jul;135(1):25-33

CYTOLOGY

Enumeration of lymphocyte-target cell conjugates by cytofluorometry. Berke G. **Eur J Immunol** 1985 Apr; 15(4):337-40

Induction of cytolytic cells by pure recombinant human interleukin 2. Devos R, et al. **Eur J Immunol** 1984 Nov; 14(11):1057-60

The glycosphingolipid globoside as a serological marker on cytolytic T lymphocyte precursors and alloantigen-responsive proliferating T lymphocytes in murine spleen. Mühlradt PF, et al. **Eur J Immunol** 1984 Sep;14(9):852-8

Regulation of the rate of cell cycle progression in quiescent cytolytic T cells by T cell growth factor: analysis by flow microfluorometry. Sekaly RP, et al. **J Cell Physiol** 1984 Oct;121(1):159-66

TLiSA1, a human T lineage-specific activation antigen involved in the differentiation of cytotoxic T lymphocytes and anomalous killer cells from their precursors. Burns GF, et al. **J Exp Med** 1985 May 1;161(5):1063-78

A sensitive and quantitative microassay for the detection of mycoplasma contamination: inhibition of IL-2 dependent cell line proliferation. Sinigaglia F, et al. **J Immunol Methods** 1985 Jan 21;76(1):85-92

Cell separation on cellular monolayers. Mage MG. **Methods Enzymol** 1984;108:125-32

Xenogeneic antiserum to soluble products from activated lymphoid cells inhibits interleukin 1-mediated functions in the helper pathway of cytolytic-effector-cell differentiation. McMannis JD, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1513-7

Soluble suppressor of T cell proliferation in primary in vitro response to murine minor histocompatibility antigens. Solana R, et al. **Rev Esp Fisiol** 1984 Sep;40(3):341-52

The appearance of cytotoxic lymphocytes in unstimulated and concanavalin A-activated human peripheral mononuclear cells. Persson U, et al. **Scand J Immunol** 1984

Sep;20(3):209-17

[Adaptive T-lymphocyte differentiation in an allogeneic environment] Petrov RV, et al. **Ontogenez** 1984 Nov-Dec; 15(6):593-8 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Pharmacological characterization of histamine H2 receptors on clonal cytolytic T lymphocytes. Evidence for histamine-induced desensitization. Schreurs J, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3375-82

Effect of levamisoie on cytotoxic T-cell-mediated immune resistance to L1210 murine leukemia in hyperimmune mice. Gomi K, et al. **Cancer Immunol Immunother** 1984; 17(3):195-9

The human lymphokine-activated killer cell system. V. Purified recombinant interleukin 2 activates cytotoxic lymphocytes which lyse both natural killer-resistant autologous and allogeneic tumors and trinitrophenyl-modified autologous peripheral blood lymphocytes. Grimm EA, et al. **Cell Immunol** 1985 Sep; 94(2):568-78

The mechanism of cell-mediated cytotoxicity. IV. K-76 COONa, which inhibits the activity of Factor I and of C5, inhibits early events in cytotoxic T-lymphocyte-mediated cytolysis and in T-lymphocyte activation. Redelman D, et al. **Cell Immunol** 1984 Oct 1; 88(1):16-28

Activation of Listeria monocytogenes-induced prekiller T cells by interleukin-2. Chen-Woan M, et al. **Clin Invest Med** 1984;7(4):287-95

Synthesis and release of plasminogen activator by lymphoid cell lines of malignant origin and its effect on lymphocyte cytotoxicity. Sundar SK, et al. **Exp Biol** 1985;43(4):277-85

Interleukin-1 restores the impaired cytotoxic T lymphocyte generation in beige mutant mouse. Okuno K, et al. **Gann** 1984 Sep;75(9):824-32

Reduction in precursors of cytotoxic T lymphocytes and of cells with natural killer-like activity in spleens of cyclophosphamide-treated mice. Collavo D, et al. **Int J Immunopharmacol** 1984;6(5):529-34

Suppressive activity of 12-O-tetradecanoyl phorbol-13-acetate on the induction of cytotoxic T cells in vitro. Yamashita U. **Jpn J Cancer Res** 1985 Jul; 76(7):618-25

Biologic activities of recombinant human interleukin 2 on murine lymphocytes. Bleackley RC, et al. **Lymphokine Res** 1985 Spring;4(2):117-31

Induction of T cell proliferation and cytotoxicity by lymphokines. Männel DN, et al. **Lymphokine Res** 1985 Spring;4(2):133-8

Effect of thymopentin on the mortality and immune response after an experimental herpes simplex infection in mice. Cappel R, et al. **Surv Immunol Res** 1985;4 Suppl 1:48-57

The differential inhibitory effects exerted by cyclosporine and hydrocortisone on the activation of human cytotoxic lymphocytes by recombinant interleukin-2 versus allospecific CTL. Grimm EA, et al. **Transplantation** 1985 May;39(5):537-40

Phorbol myristate acetate and in vitro T lymphocyte function. III. Selective impairment by PMA of lethal hit delivery by cloned CTL. Orosz CG, et al. **Transplantation** 1985 Apr;39(4):411-8

ENZYMOLOGY

A murine cytotoxic T lymphocyte cell line resistant to Vicia villosa lectin is deficient in UDP-GalNAc:beta-galactose beta 1,4-N-acetylgalactosaminyltransferase. Conzelmann A, et al. **J Biol Chem** 1984 Oct 25;259(20):12536-42

A novel serine esterase expressed by cytotoxic T lymphocytes. Pasternack MS, et al. **Nature** 1985 Apr 25-May 1;314(6013):743-5

GROWTH & DEVELOPMENT

Dextran sulphate selectively enhances interleukin-2-dependent cytotoxic T lymphocyte growth but not differentiation. Primi D, et al. **Scand J Immunol** 1984 Dec;20(6):533-42

IMMUNOLOGY

Isolation and characterization of cytotoxic effector cells and antibody producing cells from human intestine. MacDermott RP. **Acta Chir Scand [Suppl]** 1985;525:25-43

Naturally occurring T lymphocytotoxic antibody in viral and related skin diseases. Hosokawa H, et al. **Acta Derm Venereol (Stockh)** 1984;64(4):275-80

Cellular cytotoxicity to membrane-associated insulin in an autologous system. Richens ER, et al. **Acta Diabetol Lat** 1985 Jan-Mar;22(1):55-62

Lack of cell-mediated cytotoxicity towards Chlamydia trachomatis infected target cells in humans. Qvigstad E, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Jun; 92(3):153-9

Mechanism of T-dependent cytotoxicity: role of papain-sensitive non class I MHC target molecules and expression of target antigen for cytotoxicity. Bonavida B, et al. **Adv Exp Med Biol** 1985;184:415-28

DNA fragmentation in targets of CTL: an example of programmed cell death in the immune system. Cohen JJ, et al. **Adv Exp Med Biol** 1985;184:493-508 (23 ref.)

The role of cytoplasmic granules in cytotoxicity by large granular lymphocytes and cytotoxic T lymphocytes. Henkart P, et al. **Adv Exp Med Biol** 1985;184:121-38

A unified theory for the mechanism of the lethal hit by cytotoxic T lymphocytes (CTL) and natural killer (NK) cells as defined by antisera capable of blocking the lethal hit stage of cytotoxicity. Hiserodt JC. **Adv Exp Med Biol** 1985;184:139-60

Antigen/mitogen induced cytolytic activity and IL-2 secretion in memory-like CTL-hybridomas. Kaufmann Y, et al. **Adv Exp Med Biol** 1985;184:535-50

Lymphocyte function-associated antigens: regulation of lymphocyte adhesions in vitro and immunity in vivo. Martz E, et al. **Adv Exp Med Biol** 1985;184:291-310 (35 ref.)

Functional relationships of Lyt-2 and Lyt-3 expression and T-cell cytotoxicity: a new model system. Palladino MA Jr, et al. **Adv Exp Med Biol** 1985;184:355-64

Quantitative models for the kinetics of cell-mediated cytotoxicity at the single cell level. Perelson AS, et al. **Adv Exp Med Biol** 1985;184:551-61

Cell surface thiols, methylation, and complement-like components are involved in the early events of CML whereas proteases participate in the later, Ca + + -dependent events. Redelman D, et al. **Adv Exp Med Biol** 1985;184:527-34

Evidence for the molecular dissociation of binding and post-binding functions in cytotoxic T lymphocytes. Russell JH, et al. **Adv Exp Med Biol** 1985;184:453-72

Requirement for Lyt-2/3 molecules on allospecific cytolytic T lymphocyte clones is dependent upon target cell antigen density. Shimonkevitz R, et al. **Adv Exp Med Biol** 1985; 184:343-53

Cell-cell contact proteins in antigen-specific and antigen-nonspecific cellular cytotoxicity. Sitkovsky MV, et al. **Adv Exp Med Biol** 1985;184:429-49

Immune cytolysis viewed as a stimulatory process of the target. Tirosh R, et al. **Adv Exp Med Biol** 1985;184:473-92 (80 ref.)

The role of the T3 molecular complex on human T lymphocyte-mediated cytotoxicity. Tsoukas CD, et al. **Adv Exp Med Biol** 1985;184:365-85 (39 ref.)

Functional interactions of LFA-1, T8 and alloantigen surface structures in T-cell mediated cytotoxicity. Ware CF, et al. **Adv Exp Med Biol** 1985;184:323-41

A molecular analysis of the cytolytic T lymphocyte response. Burakoff SJ, et al. **Adv Immunol** 1984;36:45-85 (260 ref.)

A lymphoproliferative disorder of T gamma cells with the phenotype of cytotoxic/suppressor T-cell. Amagasaki T, et al. **Am J Hematol** 1985 May;19(1):85-93

Measurements of cell-mediated cytotoxicity on target cells labelled with the indium-111-oxine complex. Smet-Donnay M, et al. **Ann Biol Clin (Paris)** 1985; 43(3):285-8

Cytotoxic anti-T cell antibodies in children with juvenile rheumatoid arthritis. Barron KS, et al. **Arthritis Rheum** 1984 Nov;27(11):1272-80

Macrophages, NK-cells, NK-like cells, and tumor surveillance in man. Reizenstein P. **Biomed Pharmacother** 1985;39(1):1-3

Allostimulation of patients' lymphocytes generates both T and NK-like cells cytotoxic for autologous melanoma. Balsari A, et al. **Br J Cancer** 1985 Jul;52(1):73-80

Langerhans cell induced cytotoxic T-cell responses against normal human epidermal cell targets: in vitro studies. Faure M, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:114-7

Modifications of host defence mechanisms by an acute non-immunological inflammatory reaction. Florentin I, et al. **Br J Exp Pathol** 1985 Jun;66(3):257-70

Antibody-dependent and spontaneous cell-mediated cytotoxicity against transmissible gastroenteritis virus infected cells by lymphocytes from sows, fetuses and neonatal piglets. Cepica A, et al. **Can J Comp Med** 1984 Jul;48(3):258-61

The use of cytotoxic T cells in the regulation of tumour growth in syngeneic mice. Kwong L, et al. **Cancer Immunol Immunother** 1984;17(3):205-12

Augmentation of generation of human allospecific cytotoxic T lymphocyte by PPD in in vitro sensitization culture. Ohno R, et al. **Cancer Immunol Immunother** 1985; 19(1):46-52

Evaluation of in vivo and in vitro effectivity of immune defense against a spontaneously arising, nonlymphoid rat tumor. II. T cell response after induction of immunogenicity. Zöller M. **Cancer Immunol Immunother** 1985;19(3):189-97

Resistance of metastatic tumor variants to tumor-specific cytotoxic T-lymphocytes not due to defects in expression of restricting major histocompatibility complex molecules in murine cells. Altevogt P, et al. **Cancer Res** 1984 Nov; 44(11):5305-13

Rapid changes in specificity within single clones of cytolytic effector cells. Reimann J, et al. **Cell** 1985 Mar;40(3):571-81

Cytotoxic T cells recognize fragments of the influenza nucleoprotein. Townsend AR, et al. **Cell** 1985 Sep; 42(2):457-67

Cytotoxic T cell recognition of the influenza nucleoprotein and hemagglutinin expressed in transfected mouse L cells. Townsend AR, et al. **Cell** 1984 Nov;39(1):13-25

Immune T cells can protect or induce fatal neurological disease in murine lymphocytic choriomeningitis. Allan JE, et al. **Cell Immunol** 1985 Feb;90(2):401-7

Time course analysis of regulation of cytotoxic T cells. Andrighetto G, et al. **Cell Immunol** 1985 Jun;93(1):178-88

Human epidermal cells are more potent than peripheral blood mononuclear cells for the detection of weak allogeneic or virus-specific primary responses in vitro. Bagot M, et al. **Cell Immunol** 1985 Aug;94(1):215-24

Capacity of different cell types to prime in vivo for secondary in vitro cytotoxic T-cell responses against non-major-histocompatibility antigens. Buszello H, et al. **Cell Immunol** 1984 Dec;89(2):331-41

Differential resistance to growth of a tumor expressing incompatible minor alloantigens reflects regulatory influences rather than differences in anti-minor-CTL-P frequencies. Carayanniotis G, et al. **Cell Immunol** 1985 Mar; 91(1):100-10

Regulation of human cytotoxic T-lymphocyte responses by a soluble suppressor factor. Crosier PS, et al. **Cell Immunol** 1985 Oct 1;95(1):54-64

Characterization of stimulator cells for alloreactive cytotoxic-T-lymphocyte responses in vivo. Czitrom AA, et al. **Cell Immunol** 1985 Feb;90(2):503-13

Direct in vitro inactivation of murine alloreactive cytotoxic-T-lymphocyte precursors by syngeneic nonspecific cytotoxic-T-cell populations. Degiovanni G, et al. **Cell Immunol** 1985 Feb;90(2):474-84

The effect of age on the antigen-presenting mechanism in limiting dilution precursor cell frequency analysis. Effros RB, et al. **Cell Immunol** 1984 Oct 15;88(2):531-9

A qualitative difference in the interleukin 2 (IL-2) requirement of helper and cytotoxic T lymphocytes. Efrat S, et al. **Cell Immunol** 1984 Oct 1;88(1):207-12

The role of HLA antigens in the control of the cytotoxic T-cell response to Epstein-Barr virus: a family study. Gaston JS, et al. **Cell Immunol** 1985 Aug;94(1):231-42

Cardiac injury in myocarditis induced by Coxsackievirus group B, type 3 in Balb/c mice is mediated by Lyt 2 + cytolytic lymphocytes. Guthrie M, et al. **Cell Immunol** 1984 Oct 15;88(2):558-67

Influenza virus-specific human cytotoxic T cell clones: heterogeneity in antigenic specificity and restriction by class II MHC products. Kaplan DR, et al. **Cell Immunol** 1984 Oct 1;88(1):193-206

Selective binding of concanavalin A to target cell major histocompatibility antigens is required to induce nonspecific conjugation and lysis by cytolytic T lymphocytes in lectin-dependent cytotoxicity. Keren Z, et al. **Cell Immunol** 1984 Dec;89(2):458-77

Inhibition of cell-mediated lympholysis by cloned and uncloned lines of natural killer cells and cytotoxic T lymphocytes with sugars and lectins. Kornbluth J, et al. **Cell Immunol** 1984 Oct 1;88(1):162-73

Activation and growth requirements for cytotoxic and noncytotoxic T lymphocytes. Larsson EL, et al. **Cell Immunol** 1984 Nov;89(1):223-31 (63 ref.)

Comparison of murine lymphokine-activated killer cells, natural killer cells, and cytotoxic T lymphocytes. Merluzzi VJ. **Cell Immunol** 1985 Oct 1;95(1):95-104

Inhibition of interleukin-2-dependent cytotoxic T-lymphocyte growth by gangliosides. Merritt WD, et al. **Cell Immunol** 1984 Nov;89(1):1-10

Cellular interaction between subsets of T8 population for maximal suppression of antigen-specific antibody response. Morimoto C, et al. **Cell Immunol** 1984 Oct 1;88(1):75-84

Mitomycin C-treated or irradiated concanavalin A-activated T cells augment the activation of cytotoxic T cells in vivo. Moyers C, et al. **Cell Immunol** 1984 Oct 1;88(1):123-8

In situ effector pathways of allograft destruction. I. Generation of the 'cellular' effector response in the graft and the graft recipient. Nemlander A, et al. **Cell Immunol** 1984 Dec;89(2):409-19

Modulation of human blood lymphocyte cytotoxicity by the phorbol ester tumor promoter P(Bu)2: increase of target binding, impairment of effector recycling, and activation of lytic potential which is independent of IL-2. Ramos OF, et al. **Cell Immunol** 1985 Mar;91(1):178-92

Reactivity patterns with HLA-A2 variants indicate lack of identity between determinants defined by monoclonal antibodies and cytotoxic-T-cell clones. Russo C, et al. **Cell Immunol** 1984 Oct 1;88(1):228-32

Syngeneic sensitization of mouse lymphocytes on monolayers of thyroid epithelial cells. VII. Generation of thyroid-specific cytotoxic effector cells. Salamero J, et al. **Cell Immunol** 1985 Mar;91(1):111-8

A comparison of lysis mediated by Lyt 2+ TNP-specific cytotoxic-T-lymphocyte (CTL) lines with that mediated by rapidly internalized lymphotoxin-containing supernatant fluids: evidence for a role of soluble mediators in CTL-mediated killing. Schmid DS, et al. **Cell Immunol** 1985 Jun;93(1):68-82

Inhibition of normal lymphocyte responses by cell membranes. Stallcup KC, et al. **Cell Immunol** 1984 Nov; 89(1):144-50

T-Lymphocyte-mediated cytolysis as an excitatory process of the target. I. Evidence that the target cell may be the site of Ca2+ action. Tirosh R, et al. **Cell Immunol** 1985 Oct 1;95(1):113-23

Asymmetry in the recognition of HLA-A3 molecules by virus-specific cytotoxic T cells. Van Dijk J, et al. **Cell Immunol** 1985 Jul;93(2):497-507

Ongoing hapten-specific delayed-type hypersensitivity prevents generation of cytolytic T lymphocytes to the same hapten. Wong HL, et al. **Cell Immunol** 1985 Aug; 94(1):205-14

Natural cell-mediated cytotoxic activity against isolated chondrocytes in the mouse. Malejczyk J, et al. **Clin Exp Immunol** 1985 Jan;59(1):110-6

Proliferation of T8-positive cytolytic T lymphocytes in response to thyroglobulin in human autoimmune thyroiditis: analysis of cell interactions and culture requirements. Canonica GW, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):40-8

Quantitative studies on T-cell functions in MRL/MP-Lpr/Lpr mice. I. Frequency analysis of precursor cells of proliferating, cytotoxic, and T-cell growth factor-secreting T lymphocytes reveals an increase in absolute numbers, with a concomitant decrease in percentage of immunocompetent cells. Simon MM, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):39-53

Cytotoxic lymphocytes generated in vivo with acute measles virus infection. Sissons JG, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):60-8

Subpopulations of T lymphocytes in peripheral blood and in skin lesions in lichen ruber planus. Simon M Jr, et al. **Dermatologica** 1984;169(3):112-6

Cytotoxic T cells directed against HLA-DR antigens and their surface proteins. Burakoff SJ, et al. **Diagn Immunol** 1983;1(3):116-9

Cytotoxic T cell clone-specific monoclonal antibodies used to select clonotypic antigen-specific cytotoxic T cells. Acha-Orbea H, et al. **Eur J Immunol** 1985 Jan;15(1):31-6

Inhibition of proliferative and cytotoxic activities of human T lymphocytes with rabbit antibodies directed against leucoagglutinin-reactive T cell surface components. Berzins T, et al. **Eur J Immunol** 1984 Dec;14(12):1145-52

Antigen stimulation of cytolytic T lymphocyte precursors: minimal requirements for growth and acquisition of cytolytic activity. Erard F, et al. **Eur J Immunol** 1985 Aug;15(8):798-803

Cytolytic T cell hybridomas. II. Interleukin 2-independent cytolytic variants. Haas W, et al. **Eur J Immunol** 1985 Aug;15(8):755-60

Cytolytic T cell hybridomas. I. Interleukin 2-independent noncytolytic variants. Haas W, et al. **Eur J Immunol** 1985 Aug;15(8):751-5

Cytotoxic T cell responses to haptenated cells. IV. Requirements for in vivo priming. Haas W, et al. **Eur J Immunol** 1984 Nov;14(11):1069-72

Signal requirements for the in vitro differentiation of cytotoxic T lymphocytes (CTL): distinct soluble mediators promote preactivation of CTL-precursors, clonal growth and differentiation into cytotoxic effector cells. Hardt C, et al. **Eur J Immunol** 1985 May;15(5):472-8

Analysis of immunological tolerance to major histocompatibility complex antigens. I. High frequencies of tolerogen-specific cytotoxic T lymphocyte precursors in mice neonatally tolerized to class I major histocompatibility complex antigens. Heeg K, et al. **Eur J Immunol** 1985 Jan;15(1):25-30

Clonal specificity of concanavalin A-induced cytotoxic T lymphocytes. Larsson EL, et al. **Eur J Immunol** 1985 Apr;15(4):400-3

Interleukin 2 and interferon-gamma are not sufficient to induce natural killer-like activity in human T cell clones. López-Botet M, et al. **Eur J Immunol** 1984 Dec;14(12):1137-41

Production and characterization of monoclonal anti-Thy-1 antibodies that stimulate lymphokine production by cytolytic T cell clones. MacDonald HR, et al. **Eur J Immunol** 1985 May;15(5):495-501

Distinct epitopes are recognized by cytolytic T lymphocyte clones on the same class I molecule: direct demonstration using DNA-transfected targets and long-term cytolytic T cell clones. McLaughlin-Taylor E, et al. **Eur J Immunol** 1984 Nov;14(11):969-74

Genetic and stimulatory cell type requirements for inducing class I major histocompatibility complex alloantigen-specific in vivo cytotoxic T cell immunity. Mizoguchi K, et al. **Eur J Immunol** 1985 May;15(5):487-94

Involvement of T11 molecules in antigen receptor-mediated T lymphocyte functions: effect of anti-T11 monoclonal antibody on functional capabilities of alloreactive T cell clones. Moretta A, et al. **Eur J Immunol** 1985 Aug;15(8):841-4

Involvement of T3 and T8 molecules in human T cell receptor function. Anti-T3 or anti-T8 antibodies do not block the antigen-dependent activation of a subset of alloreactive cytolytic T cell precursors. Moretta A, et al. **Eur J Immunol** 1985 Aug;15(8):803-8

Frequency and surface phenotype of human T lymphocytes producing interleukin 2. Analysis by limiting dilution and cell cloning. Moretta A. **Eur J Immunol** 1985 Feb;15(2):148-55

Irreversible inactivation of activated cytotoxic T lymphocyte precursor cells by 'anti-self' suppressor cells present in murine bone marrow T cell colonies. Muraoka S, et al. **Eur J Immunol** 1984 Nov;14(11):1010-6

Inhibition of hapten-specific cytotoxic T cell recognition by monoclonal anti-hapten antibodies. Pircher H, et al. **Eur J Immunol** 1985 Mar;15(3):228-35

Antibodies against the transferrin receptor block the induction of cytotoxic T lymphocytes. A new method for antigen-specific negative selection in vitro. Rammensee HG, et al. **Eur J Immunol** 1985 Jul;15(7):687-92

Frequency analysis of cytolytic T lymphocyte precursors (CTL-P) generated in vivo during lethal rabies infection of mice. II. Rabies virus genus specificity of CTL-P. Reddehase MJ, et al. **Eur J Immunol** 1984 Nov;14(11):1039-43

Alloreactive cytotoxic T cells. I. Alloreactive and allorestricted cytotoxic T cells. Reimann J, et al. **Eur J Immunol** 1985 Apr;15(4):387-93

Immunoregulation by mouse T cell clones. III. Cloned H-Y-specific cytotoxic T cells secrete a soluble mediator(s) that inhibits cytotoxic responses by acting on both Lyt-2- and L3T4- lymphocytes. Simon MM, et al. **Eur J Immunol** 1985 Aug;15(8):773-83

Antigen-specific cytotoxic T cell and antigen-specific proliferating T cell clones can be induced to cytolytic activity by monoclonal antibodies against T3. Spits H, et al. **Eur J Immunol** 1985 Jan;15(1):88-91

Comparison of thymic and peripheral T cell Ly-2/3 antigens. Walker ID, et al. **Eur J Immunol** 1984 Oct;14(10):906-10

Degradation of specificity in cytolytic T lymphocyte clones: mouse strain dependence and interstrain transfer of nonspecific cytolysis. Wilson A, et al. **Eur J Immunol** 1984 Oct;14(10):951-6

Recombinant interleukin 2 differentiates alloantigen-primed Lyt-2+ T cells into the activated cytotoxic state. Yoshimoto R, et al. **Eur J Immunol** 1985 Apr;15(4):325-31

Monoclonal antibody to human cytotoxic-suppressor T-lymphocytes cross-reacts with canine lymphocytes and inhibits cell-mediated lympholysis of canine cells. Szer J, et al. **Exp Hematol** 1985 Aug;13(7):641-6

Cytotoxic lymphocytes in rat tumor in situ: effect of intraperitoneal injections of Propionibacterium avidum. Hojo H, et al. **Gann** 1985 Jan;76(1):53-60

Cytotoxicity of autologous and allogeneic lymphocytes against cultured human lung cancer cells: optimal conditions for the production of cytotoxic lymphocytes. Kimura H, et al. **Gann** 1984 Nov;75(11):1006-16

Inhibition of anti-class I cytotoxicity by anti-class II monoclonal antibodies (MoAb). II. Blocking of anti-class I CTL clones by anti-DR MoAb. Anichini A, et al. **Hum Immunol** 1985 Jun;13(2):139-43

Change in functional phenotype of cloned human alloreactive cytolytic T cells. Irle C, et al. **Hum Immunol** 1984 Dec;11(4):183-91

Analysis of human class II antigens by cloned cytolytic T cell reagents: a study using HLA loss mutant lymphoblastoid cell lines and monoclonal antibodies detecting the HLA-DP products. Ohta N, et al. **Hum Immunol** 1985 May;13(1):21-32

Generation of CTL lines using cultured T cells (CTC) as feeder cells. I. Specificity for class I determinants. Zier KS, et al. **Hum Immunol** 1984 Sep;11(1):47-55

Modification of cytotoxic T-cell response patterns by administration of hemagglutinin-specific monoclonal antibodies to mice infected with influenza A viruses. Greenspan N, et al. **Hybridoma** 1982;1(2):149-59

Human T cell differentiation antigens characterizing a cytotoxic/suppressor T cell subset. Rieber P, et al. **Hybrjdoma** 1981;1(1):59-69

The failure of female cells to present in vitro the male H-Y antigen for secondary cytotoxic T-cell responses. Biasi G, et al. **Immunogenetics** 1985;22(2):177-81

Characterization of the HLA-A2.2 subtype: T cell evidence for further heterogeneity. Gotch FM, et al. **Immunogenetics** 1985;21(1):11-23

Correlation of Qa-1 determinants defined by antisera and by cytotoxic T lymphocytes. Jenkins RN, et al. **Immunogenetics** 1985;21(3):215-25

The cooperative effect of the satin and beige mutations in the suppression of NK and CTL activities in mice. McGarry RC, et al. **Immunogenetics** 1984;20(5):527-34

Identification of several functional subgroups of HLA-B27 by restriction of the activity of antiviral T killer lymphocytes. Toubert A, et al. **Immunogenetics** 1984;20(5):513-25

Allospecific T cell recognition of HLA-A2 antigens: evidence for group-specific and subgroup-specific epitopes. Wallace LE, et al. **Immunogenetics** 1985;21(3):201-14

Suppression of CTL responses in vitro by large granular T cells. Schaaf-Lafontaine N, et al. **Immunol Lett** 1984;8(4):201-6

Cytotoxic T-cell response to H-Y antigen by B6.C-H-2bm12 and B10.BR mice. Juretic A, et al. **Immunology** 1985 Aug;55(4):671-5

Fine-specificity of the immune response to oxazolones. IV. Furyloxazolone-specific cytolytic T lymphocytes (unlike antibodies) are not heteroclitic. Matoso-Ferreira A. **Immunology** 1984 Nov;53(3):451-6

Immunoregulation by mouse T-cell clones. II. The same H-Y-specific T helper clone can provide help for the generation of cytotoxic lymphocytes and antibody-secreting cells. Moll H, et al. **Immunology** 1985 Feb;54(2):255-64

Ly 1+2- suppressor T cells down-regulate the generation of Ly 1-2+ effector T cells during progressive growth of the P815 mastocytoma. North RJ, et al. **Immunology** 1985 Jan;54(1):47-56

Induction of Kb-restricted anti-influenza cytotoxic T cells in C57BL mice: importance of stimulator cell type and immunization route. Pala P, et al. **Immunology** 1985 Aug;55(4):601-7

Reversibility of lymphokine-induced NK-like activity in virus-specific cytotoxic T-lymphocyte clones. Ronchese F, et al. **Immunology** 1985 Feb;54(2):265-74

The analysis of an anti-fluorescein response at limit dilution: the effect of lymphokine preparations on the apparent specificity. Skinner MA, et al. **Immunology** 1985 Jul;55(3):463-71

Mechanisms of in vivo generation of cytotoxic activity against syngeneic tumours. I. Local differentiation of mature cytotoxic T lymphocytes in the rejection of tumours. Tsuru S, et al. **Immunology** 1985 Feb;54(2):281-8

Clonal analysis of cytotoxic T-lymphocyte response to autologous human metastatic melanoma. Anichini A, et al. **Int J Cancer** 1985 May 15;35(5):683-9

Adoptive immune therapy in mice bearing poorly immunogenic metastases, using T lymphocytes stimulated in vitro against highly immunogenic mutant sublines. Dennis JW, et al. **Int J Cancer** 1984 Nov 15;34(5):709-16

Adoptive immunotherapy of intracerebral murine lymphomas: role of different lymphoid populations. Romani L, et al. **Int J Cancer** 1985 May 15;35(5):659-65

Isolation of a lytic, pore-forming protein (perforin) from cytolytic T-lymphocytes. Masson D, et al. **J Biol Chem** 1985 Aug 5;260(16):9069-72

Expansion of murine cytotoxic precursors in vitro and in vivo by purified interleukin-2. Merluzzi VJ, et al. **J Biol Response Mod** 1984 Oct;3(5):468-74

Characterization of human lymphocyte subpopulations: alloreactive cytotoxic T-lymphocyte precursor and effector cells are phenotypically distinct from Leu 2+ suppressor cells. Clement LT, et al. **J Clin Immunol** 1984 Sep;4(5):395-402

Induction of cytolytic activity by anti-T3 monoclonal antibody. Activation of alloimmune memory cells and natural killer cells from normal and immunodeficient individuals. Suthanthiran M, et al. **J Clin Invest** 1984 Dec;74(6):2263-71

Natural cytostatic cells have a broader range of antitumor activity than natural killer cells. Kato M, et al. **J Clin Lab Immunol** 1985 Jan;16(1):47-51

Allospecific cytolytic T lymphocytes recognize conformational determinants on hybrid mouse transplantation antigens. Bluestone JA, et al. **J Exp Med** 1985 Jul 1;162(1):268-81

Interferon enhances the susceptibility of virus-infected fibroblasts to cytotoxic T cells. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):257-62

Functional heterogeneity in allospecific cytotoxic T lymphocyte clones. I. CTL clones express strong anti-self suppressive activity. Claësson MH, et al. **J Exp Med** 1984 Dec 1;160(6):1702-16

Characterization of antigen-specific, Ia-restricted, L3T4+ cytolytic T lymphocytes and assessment of thymic influence on their self specificity. Golding H, et al. **J Exp Med** 1985 Sep 1;162(3):943-61

Impaired measles virus-specific cytotoxic T cell responses in multiple sclerosis. Jacobson S, et al. **J Exp Med** 1985 Sep 1;162(3):839-50

Identification of a specific HLA DR2 Ia molecule as a restriction element for measles virus-specific HLA class II-restricted cytotoxic T cell clones. Jacobson S, et al. **J Exp Med** 1985 Jan 1;161(1):263-8

Nonspecific recruitment of cytotoxic effector cells in the intestinal mucosa of antigen-primed mice. Klein JR, et al. **J Exp Med** 1984 Dec 1;160(6):1931-6

Expression of specific cytolytic activity by H-2I region-restricted, influenza virus-specific T lymphocyte clones. Lukacher AE, et al. **J Exp Med** 1985 Jul 1;162(1):171-87

Both L3T4+ and Lyt-2+ helper T cells initiate cytotoxic T lymphocyte responses against allogenic major histocompatibility antigens but not against trinitrophenyl-modified self. Mizuochi T, et al. **J Exp Med** 1985 Aug 1;162(2):427-43

Allorestricted cytotoxic T cells. Large numbers of allo-H-2Kb-restricted antihapten and antiviral cytotoxic T cell populations clonally develop in vitro from murine splenic precursor T cells. Reimann J, et al. **J Exp Med** 1985 Aug 1;162(2):592-606

Syngeneic monoclonal antiidiotype can induce cellular immunity to reovirus. Sharpe AH, et al. **J Exp Med** 1984 Oct 1;160(4):1195-205

Expression of structurally diverse Qa-2-encoded molecules on the surface of cloned cytotoxic T lymphocytes. Sherman DH, et al. **J Exp Med** 1984 Nov 1;160(5):1421-30

Antigen valence determines the binding of nominal antigen to cytolytic T cell clones. Siliciano RF, et al. **J Exp Med** 1985 Aug 1;162(2):768-73

Expression and T cell recognition of hybrid antigens with amino-terminal domains encoded by Qa-2 region of major histocompatibility complex and carboxyl termini of transplantation antigens. Stroynowski I, et al. **J Exp Med** 1985 May 1;161(5):935-52

Characterization of gP85gag as an antigen recognized by Moloney leukemia virus-specific cytolytic T cell clones that function in vivo. van der Hoorn FA, et al. **J Exp Med** 1985 Jul 1;162(1):128-44 (59 ref.)

Influenza virus hemagglutinin-specific cytotoxic T cell response induced by polypeptide produced in Escherichia coli. Yamada A, et al. **J Exp Med** 1985 Aug 1;162(2):663-74

The cytotoxic response to murine cytomegalovirus. II. In vitro requirements for generation of cytotoxic T cells. Sinickas VG, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):757-65

Cytotoxic T cell lysis of target cells fused with liposomes containing influenza virus haemagglutinin and neuraminidase. Stitz L, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1333-9

Cross-reactive target antigen in cell-mediated cytolysis of cells infected with a temperature-sensitive mutant of Sindbis virus. Wolcott JA, et al. **J Gen Virol** 1985 May; 66 (Pt 5):1167-70

Induction of influenza A virus cross-reactive cytotoxic T cells by a nucleoprotein/haemagglutinin preparation. Wraith DC, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1327-31

Activation of virus specific CTL clones: antigen-dependent regulation of interleukin 2 receptor expression. Andrew ME, et al. **J Immunol** 1985 Feb;134(2):920-5

Studies on the induction and expression of T cell-mediated immunity. XV. Role of non-MHC papain-sensitive target structures and Lyt-2 antigens in allogeneic and xenogeneic lectin-dependent cellular cytotoxicity (LDCC). Bonavida B, et al. **J Immunol** 1985 Sep;135(3):1616-23

Clonal T lymphocyte recognition of the fine structure of the HLA-A2 molecule. Brenner MB, et al. **J Immunol** 1985 Jul;135(1):384-90

Natural killer activity in cloned cytotoxic T lymphocytes: regulation by interleukin 2, interferon, and specific antigen. Brooks CG, et al. **J Immunol** 1985 Aug;135(2):1145-52

Peripheral (somatic) expansion of the murine cytotoxic T lymphocyte repertoire. I. Analysis of diversity in recognition repertoire of alloreactive T cells derived from the thymus and spleen of adult or aged DBA/2J mice. Chang MP, et al. **J Immunol** 1984 Nov;133(5):2375-80

Immunoactive products of placenta. IV. Impairment by placental cells and their products of CTL function at effector stage. Chaouat G, et al. **J Immunol** 1985 Jul; 135(1):215-22

Functional heterogeneity in allospecific cytotoxic T lymphocyte clones. II. Development of syngeneic cytotoxicity in the absence of specific antigenic stimulation. Claesson MH, et al. **J Immunol** 1985 Feb;134(2):684-90

Target specificity and cell surface structures involved in the human cytolytic T lymphocyte response to endothelial cells. Clayberger C, et al. **J Immunol** 1985 Jul;135(1):12-8

Antigen-specific suppressor T lymphocytes in man make use of the same set of surface molecules as do cytolytic T lymphocytes: roles of Leu-2/T8, Leu-4/T3, Leu-5/T11, LFA-1 molecules. Damle NK, et al. **J Immunol** 1985 Sep; 135(3):1724-30

Successful generation of cytotoxic T lymphocytes specific for self immunoglobulin-determinants on B lymphocytes. Dohi Y, et al. **J Immunol** 1985 Jul;135(1):47-52

Suppression of cytotoxic T lymphocyte activation by L-ornithine. Dröge W, et al. **J Immunol** 1985 May; 134(5):3379-83

Interleukin 2 is both necessary and sufficient for the growth and differentiation of lectin-stimulated cytolytic T lymphocyte precursors. Erard F, et al. **J Immunol** 1985 Mar;134(3):1644-52

Induction of IL 2 receptor expression and cytotoxicity of thymocytes by stimulation with TCF1. Falk W, et al. **J Immunol** 1985 Aug;135(2):1160-4

A role for helper cell subpopulations in a genetically controlled cytolytic T lymphocyte response to the H-2Db antigen. French DL, et al. **J Immunol** 1985 Jul;135(1):39-46

Identification of herpes simplex virus type 1 (HSV-1) glycoprotein gC as the immunodominant antigen for HSV-1-specific memory cytotoxic T lymphocytes. Glorioso J, et al. **J Immunol** 1985 Jul;135(1):575-82

Specificity, phenotype, and precursor frequency of primary cytolytic T lymphocytes specific for class II major histocompatibility antigens. Golding H, et al. **J Immunol** 1985 Sep;135(3):1610-5

Peripheral (somatic) expansion of the murine cytotoxic T lymphocyte repertoire. II. Comparison of diversity in recognition repertoire of alloreactive T cells in spleen and thymus of young or aged DBA/2J mice transplanted with bone marrow cells from young or aged donors. Gorczynski RM, et al. **J Immunol** 1984 Nov;133(5):2381-9

Functional distinctions between the LFA-1, LFA-2, and LFA-3 membrane proteins on human CTL are revealed with trypsin-pretreated target cells. Gromkowski SH, et al. **J Immunol** 1985 Jan;134(1):244-9

Blocking of CTL-mediated killing by monoclonal antibodies to LFA-1 and Lyt-2, 3. II. Evidence that trypsin pretreatment of target cells removes a non-H-2 molecule important in killing. Gromkowski SH, et al. **J Immunol** 1985 Jan;134(1):70-7

Defining cytolytic T lymphocyte recognition of chemically modified self. I. Response to trinitrophenyl-H-2Kk. Handa K, et al. **J Immunol** 1985 Sep;135(3):1564-72

H-40, an antigen controlled by an Igh-linked gene and recognized by cytotoxic T lymphocytes. II. Recognition of H-40 as a tumor antigen in leukemic animals. Henderson LA, et al. **J Immunol** 1984 Nov;133(5):2778-85

Studies on the cytolytic attack mechanism of the cytotoxic T lymphocyte (CTL): preparation of antisera against cellfree cytosolic extracts of a CTL clone capable of blocking the lethal hit stage of CTL cytolysis and analysis of the cytolytic structure. Hiserodt JC. **J Immunol** 1985 Jul;135(1):53-62

Lysis of anti-T3-bearing murine hybridoma cells by human allospecific cytotoxic T cell clones and inhibition of that lysis by anti-T3 and anti-LFA-1 antibodies. Hoffman RW, et al. **J Immunol** 1985 Jul;135(1):5-8

Analysis of the binding and postbinding activities of an inducible cloned CTL line at the population and the single-cell level. Howe RC, et al. **J Immunol** 1985 May; 134(5):2922-9

Interleukin 2-mediated induction of lytic activity in a cloned murine CTL line. Howe RC, et al. **J Immunol** 1985 Apr; 134(4):2414-8

In vivo activation of autoreactive cytotoxic T lymphocytes after bone marrow transplantation: evidence for the prethymic specificity of T cells? Hurme M, et al. **J Immunol** 1985 Aug;135(2):1108-12

The target minor H antigen for F1 cytotoxic T lymphocytes induced by Igh-congenic parental spleen cells is coded for by gene linked to H-2. Ishikawa H, et al. **J Immunol** 1985 May;134(5):2953-9

Recognition of alloantigen by cytotoxic T cell precursors is independent of the function of Ia+ cells. Iwasaki H, et al. **J Immunol** 1985 Jun;134(6):3592-6

The role of class I MHC products in polyclonal activation of CTL function. Kane K, et al. **J Immunol** 1984 Dec; 133(6):2857-63

Tac antigen-positive T cells activated in autologous mixed lymphocyte reaction regulate the generation of killer T cells against hapten-modified autologous cells. Kumagai S, et al. **J Immunol** 1985 Feb;134(2):711-7

CTL and serologically defined antigens of B2m,H-3 region. Kurtz ME, et al. **J Immunol** 1985 Oct;135(4):2847-52

Failure of bone marrow cells to reconstitute T cell immunity in graft-vs-host mice. Lang P, et al. **J Immunol** 1985 Apr; 134(4):2050-2

Novel antigenic determinants of the T200 glycoprotein expressed preferentially by activated cytotoxic T lymphocytes. Lefrançois L, et al. **J Immunol** 1985 Jul; 135(1):374-83

Molecular localization of allogeneic and self determinants recognized by bulk and clonal populations of cytotoxic T cells. Levy RB, et al. **J Immunol** 1985 Feb;134(2):677-83

Human neuroblastoma cell lines are susceptible to lysis by natural killer cells but not by cytotoxic T lymphocytes. Main EK, et al. **J Immunol** 1985 Jul;135(1):242-6

In vitro T cell-mediated killing of Pseudomonas aeruginosa. II. The role of macrophages and T cell subsets in T cell killing. Markham RB, et al. **J Immunol** 1985 Jun; 134(6):4112-7

Distinct proliferative T cell clonotypes are generated in response to a murine retrovirus-induced syngeneic T cell leukemia: viral gp70 antigen-specific MT4+ clones and Lyt-2+ cytolytic clones which recognize a tumor-specific cell surface antigen. Matis LA, et al. **J Immunol** 1985 Jul; 135(1):703-13

T3 monoclonal antibody activation of nonspecific cytolysis: a mechanism of CTL inhibition. Mentzer SJ, et al. **J Immunol** 1985 Jul;135(1):34-8

Lymphokine-activated killer cells are generated before classical cytotoxic T lymphocytes after bone marrow transplantation in mice. Merluzzi VJ, et al. **J Immunol** 1985 Sep;135(3):1702-6

Cell-mediated T lymphocyte responses against syngeneic cells modified with amino-reactive hapten (AED-NH2): H-2Dk serves as an element for cell-mediated lympholysis to amino-reactive hapten (AED-NH2)-modified self. Mizuochi T, et al. **J Immunol** 1985 Feb;134(2):673-6

Memory CTL-hybridoma: a model system to analyze the anamnestic response of cytolytic T lymphocytes. Moscovitch M, et al. **J Immunol** 1984 Nov;133(5):2369-74

Common precursor pool marker for allospecific (CTL) and nonspecific (NK and activated) cytotoxic cells in the bone marrow. Nieminen P, et al. **J Immunol** 1985 Feb; 134(2):699-703

Retrovirus-mediated immunosuppression. I. FeLV-UV and specific FeLV proteins alter T lymphocyte behavior by inducing hyporesponsiveness to lymphokines. Orosz CG, et al. **J Immunol** 1985 May;134(5):3396-403

Suppression of in vitro CML generation by alloactivated lymphocytes: analysis of antigen-nonspecific suppressive mechanisms. Orosz CG, et al. **J Immunol** 1985 Jan; 134(1):45-50

Quantitative measurements of the specificity and kinetics of conjugate formation between cloned cytotoxic T lymphocytes and splenic target cells by dual parameter flow cytometry. Perez P, et al. **J Immunol** 1985 Jan; 134(1):478-85

Murine anti-swine T4 and T8 monoclonal antibodies: distribution and effects on proliferative and cytotoxic T cells. Pescovitz MD, et al. **J Immunol** 1985 Jan;134(1):37-44

Inhibition of human cytotoxic T lymphocyte activity in vitro by autologous peripheral blood granulocytes. Petrie HT, et al. **J Immunol** 1985 Jan;134(1):230-4

Lack of correlation between cytotoxic T lymphocytes and lethal murine lymphocytic choriomeningitis. Pfau CJ, et al. **J Immunol** 1985 Jul;135(1):597-602

Enhancement of tumor growth correlates with suppression of the tumor-specific cytolytic T lymphocyte response in mice chronically infected by Trypanosoma cruzi. Plata F. **J Immunol** 1985 Feb;134(2):1312-9

Immunologic mechanisms in the pathogenesis of virus-induced leukemia. IV. Mechanism of target cell recognition by autoreactive thymocytes. Proffitt MR, et al. **J Immunol** 1985 Jun;134(6):4244-9

Functional clonal deletion of class I-specific cytotoxic T lymphocytes by veto cells that express antigen. Rammensee HG, et al. **J Immunol** 1984 Nov;133(5):2390-6

Reduced ecto-5'-nucleotidase activity and enhanced OKT10 and HLA-DR expression on CD8 (T suppressor/cytotoxic) lymphocytes in the acquired immune deficiency syndrome: evidence of CD8 cell immaturity. Salazar-Gonzalez JF, et al. **J Immunol** 1985 Sep;135(3):1778-85

Cell receptors for the mammalian reovirus. IV. Reovirus-specific cytolytic T cell lines that have idiotypic receptors recognize anti-idiotypic B cell hybridomas. Sharpe AH, et al. **J Immunol** 1985 Apr;134(4):2702-6

Susceptibility of cytotoxic T lymphocyte (CTL) clones to inhibition by anti-T3 and anti-T4 (but not anti-LFA-1) monoclonal antibodies varies with the 'avidity' of CTL-target interaction. Shaw S, et al. **J Immunol** 1985 May;134(5):3019-26

TNP-specific Lyt-2+ cytolytic T cell clones preferentially respond to TNP-conjugated epidermal cells. Shimada S, et al. **J Immunol** 1985 Sep;135(3):1558-63

Clonal analysis of cytolytic T lymphocyte-mediated lysis of target cells with inducible antigen expression: correlation between antigen density and requirement for Lyt-2/3 function. Shimonkevitz R, et al. **J Immunol** 1985 Aug; 135(2):892-9

Variable requirement for murine lymphocyte function-associated antigen-1 (LFA-1) in T cell-mediated lysis depending upon the tissue origin of the target cells. Shimonkevitz R, et al. **J Immunol** 1985 Sep;135(3):1555-7

Adoptive immunotherapy of a newly induced sarcoma: immunologic characteristics of effector cells. Shu S, et al. **J Immunol** 1985 Oct;135(4):2895-903

Polymorphism and tissue distribution of maternally transmitted antigen defined by cytotoxic T lymphocyte lines. Smith R 3d, et al. **J Immunol** 1985 Apr;134(4):2191-7

The role of T8 in the cytotoxic activity of cloned cytotoxic T lymphocyte lines specific for class II and class I major histocompatibility complex antigens. Spits H, et al. **J Immunol** 1985 Apr;134(4):2294-8

Epidermal cells as accessory cells in the generation of allo-reactive and hapten-specific cytotoxic T lymphocyte (CTL) responses. Steiner G, et al. **J Immunol** 1985 Feb; 134(2):736-41

Natural killer cells vs cytotoxic T cells in the peripheral blood of virus-infected mice. Stitz L, et al. **J Immunol** 1985 Jan; 134(1):598-602

Interaction of alpha 1 with alpha 2 region in class I MHC proteins contributes determinants recognized by antibodies and cytotoxic T cells. Stroynowski I, et al. **J Immunol** 1985 Sep;135(3):2160-6

Suppression of alloimmune cytotoxic T lymphocyte (CTL) generation by depletion of NK cells and restoration by interferon and/or interleukin 2. Suzuki R, et al. **J Immunol** 1985 Apr;134(4):2139-48

Inhibition of cytotoxic T lymphocyte-mediated lysis by ETYA: effect independent of arachidonic acid metabolism. Taylor AS, et al. **J Immunol** 1985 Feb;134(2):1130-5

Natural suppressor cell inhibiting T killer responses against retroviruses: a model for self tolerance. Tilkin AF, et al. **J Immunol** 1985 Apr;134(4):2779-82

Stimulation of a cell-mediated cytotoxic response to FeLV-induced T cell lymphomas in the cat. Tompkins MB, et al. **J Immunol** 1985 Oct;135(4):2817-23

Modulation of cytolytic T cell function by lectins. Toribio ML, et al. **J Immunol** 1985 Apr;134(4):2179-84

Calcium ionophore plus phorbol ester can substitute for antigen in the induction of cytolytic T lymphocytes from specifically primed precursors. Truneh A, et al. **J Immunol** 1985 Oct;135(4):2262-7

Comparative structural analysis of HLA-A3 antigens distinguishable by cytotoxic T lymphocytes: variant E1. van Schravendijk MR, et al. **J Immunol** 1985 Jan; 134(1):410-6

Abrogation of anti-Pichinde virus cytotoxic T cell memory by cyclophosphamide and restoration by coinfection or interleukin 2. Walker CM, et al. **J Immunol** 1985 Aug; 135(2):1401-7

Human alloreactive CTL clones: loss and reacquisition of specific cytolytic activity can be regulated by 'recombinant' interleukin 2. Wee SL, et al. **J Immunol** 1985 Jan; 134(1):310-3

Identification of a structure on human melanoma cells recognized by CTL exhibiting anomalous killer cell function. Werkmeister JA, et al. **J Immunol** 1985 Jul; 135(1):689-95

Description of phenotypically distinct T-lymphocyte subsets which mediate helper/DTH and cytotoxic functions in the Syrian hamster. Witte PL, et al. **J Immunol** 1985 May; 134(5):2908-15

Lymphokine-induced cytotoxicity: requirement of two lymphokines for the induction of optimal cytotoxic response. Yang SS, et al. **J Immunol** 1985 Jun;134(6):3912-9

Multiple epitopes on human and murine cells expressing HLA-B7 as defined by specific murine cytotoxic T cell clones. Yannelli JR, et al. **J Immunol** 1985 Aug; 135(2):900-5

Human cytotoxic T cell clones directed against herpes simplex virus-infected cells. II. Bifunctional clones with cytotoxic and virus-induced proliferative activities exhibit herpes simplex virus type 1 and 2 specific or type common reactivities. Yasukawa M, et al. **J Immunol** 1984 Nov; 133(5):2736-42

Human cytotoxic T cell clones directed against herpes simplex virus-infected cells. III. Analysis of viral glycoproteins recognized by CTL clones by using recombinant herpes simplex viruses. Yasukawa M, et al. **J Immunol** 1985 Apr;134(4):2679-82

Presentation of Class I antigens on T cells can induce the generation of antigen-specific CTL. Zier KS, et al. **J Immunol** 1985 Oct;135(4):2274-8

Deficient, HLA-restricted, cytomegalovirus-specific cytotoxic T cells and natural killer cells in patients with the acquired immunodeficiency syndrome. Rook AH, et al. **J Infect Dis** 1985 Sep;152(3):627-30

Cytotoxic T-lymphocyte reactivity with individual Sendai virus glycoproteins. Al-Ahdal MN, et al. **J Virol** 1985 Apr;53(4):53-7

Biology of cloned cytotoxic T lymphocytes specific for lymphocytic choriomeningitis virus: clearance of virus and in vitro properties. Anderson J, et al. **J Virol** 1985 Feb;53(2):552-60

Cytotoxic T-cell response to respiratory syncytial virus in mice. Bangham CR, et al. **J Virol** 1985 Oct;56(1):55-9

Treatment of mice with polyinosinic-polycytidilic polyribonucleotide reduces T-cell involvement in a localized inflammatory response to vaccinia virus challenge. Korngold R, et al. **J Virol** 1985 Feb;53(2):489-94

Hyperthermia and the generation and activity of murine influenza-immune cytotoxic T cells in vitro. Müllbacher A. **J Virol** 1984 Dec;52(3):928-31

Sensitization of mice with wild-type and cold-adapted influenza virus variants: immune response to two H1N1 and H3N2 viruses. Tao SJ, et al. **J Virol** 1985 Feb;53(2):645-50

Use of the HLA-DR antigens incorporated into liposomes to generate HLA-DR specific cytotoxic T lymphocytes. Gorga JC, et al. **Methods Enzymol** 1984;108:607-13

Plasma membranes from influenza virus-infected cells induce in vitro human secondary virus-specific cytotoxic T lymphocyte responses. Hildreth JE, et al. **Mol Biol Med** 1983 Sep;1(2):225-33

Identification of phenotypically distinct subpopulations of cytotoxic T lymphocytes. Zamoyska R, et al. **Mol Biol Med** 1983 Jul;1(1):137-50

Homing receptor-bearing thymocytes, an immunocompetent cortical subpopulation. Fink PJ, et al. **Nature** 1985 Jan 17-23;313(5999):233-5

Immunoglobulin-like nature of the alpha-chain of a human T-cell antigen/MHC receptor. Hannum CH, et al. **Nature** 1984 Nov 1-7;312(5989):65-7

Functional modifications of cytotoxic T-lymphocyte T200 glycoprotein recognized by monoclonal antibodies. Lefrançois L, et al. **Nature** 1985 Apr 4-10;314(6010):449-52

Specific targeting of cytotoxic T cells by anti-T3 linked to anti-target cell antibody. Perez P, et al. **Nature** 1985 Jul 25-31;316(6026):354-6

A third rearranged and expressed gene in a clone of cytotoxic T lymphocytes. Saito H, et al. **Nature** 1984 Nov 1-7;312(5989):36-40

Recognition of HLA-A2 and -B7 antigens by cloned cytotoxic T lymphocytes after gene transfer into human and monkey, but not mouse, cells. Barbosa JA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7549-53

In vivo separation of two classes of T cells as determined by negative selection after the injection of UV-treated allogeneic lymphoid cells. Bellgrau D, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5136-9

Allogeneic stimulation of cytotoxic T cells by supported planar membranes. Brian AA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6159-63

Lack of lymphocyte-induced DNA fragmentation in human targets during lysis represents a species-specific difference between human and murine cells. Christiaansen JE, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4482-5

Human cytotoxic T-lymphocyte recognition of an HLA-A3 gene product expressed on murine L cells: the only human gene product required on the target cells for lysis is the class I heavy chain. Cowan EP, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4490-4

Interleukin 2 promotes growth and cytolytic activity in human T3+4-8- thymocytes. de la Hera A, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6268-71

Attachment of an anti-receptor antibody to non-target cells renders them susceptible to lysis by a clone of cytotoxic T lymphocytes. Kranz DM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7922-6

Recognition of interspecies hybrid class I histocompatibility antigens by antigen-specific cytolytic T lymphocytes. Maziarz R, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6276-80

Influenza A virus nucleoprotein is a major target antigen for cross-reactive anti-influenza A virus cytotoxic T lymphocytes. Yewdell JW, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(6):1785-9

Class-I-restricted human cytotoxic T lymphocytes directed against minor transplantation antigens and their possible role in organ transplantation. Goulmy E. **Prog Allergy** 1985;36:44-72 (124 ref.)

Specificity of cytotoxic T lymphocytes stimulated with influenza virus. Studies in mice and humans. Townsend AR, et al. **Prog Allergy** 1985;36:10-43 (157 ref.)

Importance of ovine cytotoxic T cells in protection against bluetongue virus infection. Jeggo MH, et al. **Prog Clin Biol Res** 1985;178:477-87

Radiosensitivity of murine T-lymphocyte cytotoxicity. Gerber M. **Radiat Res** 1984 Nov;100(2):365-77

Recent progresses in the phenotypic and functional characterization of human cytolytic T lymphocytes. Moretta A, et al. **Ric Clin Lab** 1984 Oct-Dec;14(4):601-12 (64 ref.)

Virus-dependent cellular cytotoxicity in vitro. Mechanisms of induction and effector cell characterization. Alsheikhly AR, et al. **Scand J Immunol** 1985 Apr;21(4):329-35

Human epidermal cell-induced generation of alloreactive cytotoxic T-lymphocyte responses against epidermal cells. Requirement for DR-positive Langerhans cells. Faure M, et al. **Scand J Immunol** 1985 May;21(5):441-6

High-dose survival in the lymphocytic choriomeningitis virus infection is accompanied by suppressed DTH but unaffected T-cell cytotoxicity. Marker O, et al. **Scand J Immunol** 1985 Jan;21(1):81-91

Influenza virus-specific T cells fail to reduce lung virus titres in cyclosporin-treated, infected mice. Schiltknecht E, et al. **Scand J Immunol** 1985 Jul;22(1):99-103

Recognition of HLA-A2 by cytotoxic T lymphocytes after DNA transfer into human and murine cells. van de Rijn M, et al. **Science** 1984 Nov 30;226(4678):1083-5

Expression and CTL recognition of cloned subgenomic fragments of Moloney murine leukemia virus in murine cells. Flyer DC, et al. **Surv Immunol Res** 1985;4(2):168-72

Recognition of an Igh-linked histocompatibility antigen, H-40, on B-cell tumors by cytotoxic T lymphocytes. Forman J, et al. **Surv Immunol Res** 1985;4(1):41-7

Activation of cytotoxic T lymphocytes in HLA-A, -B and -C-identical responder-stimulator pairs. II. New subtypes of HLA-Bw35. Breuning MH, et al. **Tissue Antigens** 1984 Aug;24(2):90-7

Activation of cytotoxic T lymphocytes in HLA-A, -B and -C-identical responder-stimulator pairs. I. Variations in generation of anti-class-II CTL in primary mixed lymphocyte cultures. Breuning MH, et al. **Tissue Antigens** 1984 Aug;24(2):81-9

Cell-mediated cytotoxicity toward class I and class II antigens on canine T and B lymphoblasts. Buurman WA, et al. **Tissue Antigens** 1984 Jul;24(1):48-57

Cellular function and T cell subsets in patients with long-surviving renal transplants. Bakran A, et al. **Transplant Proc** 1984 Dec;16(6):1558-60

Monitoring of cytotoxic T cell function in cardiac transplant recipients: the immediate posttransplant period. Cohen DJ, et al. **Transplant Proc** 1984 Dec;16(6):1512-3

Liver transplantation against T cell-positive warm crossmatches. Iwatsuki S, et al. **Transplant Proc** 1984 Dec;16(6):1427-9

The real meaning of changing peripheral blood helper to cytotoxic/suppressor cell ratio during renal allograft rejection. Kovithavongs T, et al. **Transplant Proc** 1984 Dec;16(6):1486-9

Blood transfusion and antiidiotypic immunity. Nagarkatti PS, et al. **Transplant Proc** 1984 Dec;16(6):1407-9

Suppression of cytotoxic T cell activity in the Syrian hamster. O'Hara RM Jr, et al. **Transplant Proc** 1985 Aug;17(4):1987-90

Evidence that rat renal allografts are rejected by cytotoxic T cells and not by nonspecific effectors. Bradley JA, et al. **Transplantation** 1985 Feb;39(2):169-75

Failure of cyclosporine to prevent in vivo T cell priming in man. Studies in allogeneic spleen transplantation. Gonwa TA, et al. **Transplantation** 1985 Sep;40(3):299-304

Cell-mediated cytotoxicity patterns of cloned cytotoxic T lymphocytes. Cytotoxicity directed against canine lymphoblasts, monocytes, and endothelial cells. Groenewegen G, et al. **Transplantation** 1985 Jun;39(6):657-60

Generation of mouse cytolytic T cells against human concanavalin A blasts. Involvement of non-MHC determinants in the antihuman response. Guillou PJ, et al. **Transplantation** 1985 Feb;39(2):157-62

Decreased graft-versus-host reaction and T cell cytolytic potential of beige mice. Halle-Pannenko O, et al. **Transplantation** 1985 Jan;39(1):85-7

Absence of correlation between cytolytic T lymphocytes and lethal murine graft-versus-host disease in response to minor histocompatibility antigens. Hamilton BL. **Transplantation** 1984 Oct;38(4):357-60

Frequency analysis of cyclosporine-sensitive cytotoxic T lymphocyte precursors. Heeg K, et al. **Transplantation** 1984 Nov;38(5):532-6

Alloreactive T cell responses between HLA-identical siblings. Detection of anti-minor histocompatibility T cell clones induced in vivo. Irle C, et al. **Transplantation** 1985 Sep;40(3):329-33

Inhibition of human in vivo cytotoxic T lymphocyte generation by cyclosporine following organ transplantation. Keown PA, et al. **Transplantation** 1985 Jul;40(1):45-9

Antigen competition in cytotoxic T cell response to minor histocompatibility antigens. Lai PK. **Transplantation** 1985 Jun;39(6):638-43

Ly-1+2- suppressor T cells inhibit the expression of passively transferred antitumor immunity by suppressing the generation of cytolytic T cells. Mills CD, et al. **Transplantation** 1985 Feb;39(2):202-8

Cytotoxic T cells recognizing minor transplantation antigens, and possibly a variant of the HLA-B8 molecule. Cause of rejection of an HLA-identical sibling kidney transplant? Pfeffer PF, et al. **Transplantation** 1984 Nov;38(5):517-22

Recognition of target cell determinants associated with DLA-D-locus-encoded antigens by canine cytotoxic lymphocytes. Raff RF, et al. **Transplantation** 1985 Sep;40(3):323-8

Assessment of immunocompetence by limiting dilution analysis in long-term T cell depletion chimeras transplanted across the MHC barrier. Vallera DA, et al. **Transplantation** 1985 Sep;40(3):311-6

Rapid expansion of allospecific cytotoxic T cell clones using nonspecific feeder cell lines without further addition of exogenous IL2. van de Griend RJ, et al. **Transplantation** 1984 Oct;38(4):401-6

Vaccinia virus proteins on the plasma membranes of infected cells. II. Expression of viral antigens and killing of infected cells by vaccinia virus-specific cytotoxic T cells. Mallon VR, et al. **Virology** 1985 Aug;145(1):1-23

[Non-specific influx of cytotoxic T cells into influenza virus-infected lungs of mice] Zhang YH, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb;7(1):37-40 (Eng. Abstr.) **(Chi)**

[T-cell growth factor and clonization of type A influenza virus cytotoxic T-cell] Lin YL. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):126-30 **(Chi)**

[Cell mediated cytotoxic activities in ataxia-telangiectasia with T cell deficiency] Tsuge I, et al. **Arerugi** 1984 Oct;33(10):909-16 (Eng. Abstr.) **(Jpn)**

[Augmentation of resistance against metastatic tumor cells after local administration of PSK] Tsuru S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):86-90 (Eng. Abstr.) **(Jpn)**

[Immunological studies on herpetic keratitis. Induction of cytotoxic T lymphocytes in mouse splenocytes] Hirakawa Y. **Nippon Ganka Gakkai Zasshi** 1985 Jan;89(1):208-13 (Eng. Abstr.) **(Jpn)**

[Involvement of Ia-positive accessory cells for activation of cytotoxic T lymphocyte specific for melanocyte-associated antigens in patients with Vogt-Koyanagi-Harada disease] Maezawa N, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):440-6 (Eng. Abstr.) **(Jpn)**

[Analysis of specific tumor antigens in mice and human neuroblastoma] Etoh T. **Nippon Geka Gakkai Zasshi** 1984 Dec;85(12):1579-85 (Eng. Abstr.) **(Jpn)**

[Establishment of cytotoxic lymphocytes against autologous cholangiocarcinoma from the patient's blood lymphocytes cultured in T cell growth factor (TCGF)] Yoshizumi Y. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):563-72 (Eng. Abstr.) **(Jpn)**

[Action of phospholipids and gangliosides on tumor cell sensitivity to the cytostatic and membrane-toxic action of splenic effectors] Bogdashin IV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):237-9 (Eng. Abstr.) **(Rus)**

[Effect of cytotoxic lymphocytes obtained by in vitro immunization with syngeneic lymphoma cells on pluripotent hemopoietic cells] Voitenok NN, et al. **Biull Eksp Biol Med** 1985 May;99(5):604-6 (Eng. Abstr.) **(Rus)**

[Cytotoxic effect of the lymphocytes in ischemic heart disease] Kitaev MI, et al. **Kardiologiia** 1985 May;25(5):74-6 (Eng. Abstr.) **(Rus)**

[Characteristics of the cytotoxic antilymphocyte antibodies in systemic lupus erythematosus] Matveikov GP, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):32-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Inhibition of [3H]thymidine incorporation by Mycoplasma arginini-infected cells due to enzymatic cleavage of the nucleoside. Sinigaglia F, et al. **Eur J Immunol** 1985 Jul;15(7):692-6

Control of immune interferon release by cytotoxic T-cell clones specific for influenza. Taylor PM, et al. **Immunology** 1985 Apr;54(4):607-14

Unexpected cell surface labeling in conjugates between cytotoxic T lymphocytes and target cells. Foa C, et al. **J Histochem Cytochem** 1985 Jul;33(7):647-54

Activation requirements for antigen- and mitogen-induced interferon-gamma release from cytotoxic T lymphocytes. Klein JR, et al. **J Immunol** 1985 Apr;134(4):2456-61

Reorientation of the microtubule-organizing center and the Golgi apparatus in cloned cytotoxic lymphocytes triggered by binding to lysable target cells. Kupfer A, et al. **J Immunol** 1984 Nov;133(5):2762-6

Antigenic stimulation regulates the expression of IL 2 receptors in a cytolytic T lymphocyte clone. Lowenthal JW, et al. **J Immunol** 1985 Feb;134(2):931-9

Comparison of the H-2Kb-specific cytolytic T lymphocyte receptor repertoire in Igh recombinant strains. Sherman LA, et al. **J Immunol** 1985 Jun;134(6):3569-73

The cytolytic T lymphocyte receptor repertoire of H-2 disparate cells obtained from double parent chimeras. Sherman LA. **J Immunol** 1985 Mar;134(3):1330-2

The interaction of nominal antigen with T cell antigen receptors. I. Specific binding of multivalent nominal antigen to cytolytic T cell clones. Siliciano RF, et al. **J Immunol** 1985 Aug;135(2):906-14

Generation of natural killer-like cytotoxicity from human thymocytes with interleukin-2. Gray JD, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):124-32

PATHOLOGY

Demonstration in situ of subsets of T-lymphocytes in sarcoidosis. Modlin RL, et al. **Am J Dermatopathol** 1984 Oct;6(5):423-7

T lymphocyte proliferation in lymphomatoid granulomatosis. Petras RE, et al. **Cleve Clin Q** 1985 Summer;52(2):137–46

Decreased level of suppressor/cytotoxic T cells (OKT8+) in polymyalgia rheumatica and temporal arteritis: relation to disease activity. Elling H, et al. **J Rheumatol** 1985 Apr;12(2):306–9

PHYSIOLOGY

5-Azacytidine treatment of a murine cytotoxic T cell line alters interferon-gamma gene induction by interleukin 2. Farrar WL, et al. **J Immunol** 1985 Sep;135(3):1551–4

RADIATION EFFECTS

Effect of microwave irradiation (2450 MHz) on murine cytotoxic lymphocyte and natural killer (NK) cells. Deschaux P, et al. **J Microwave Power** 1984 Jun;19(2):107–10

ULTRASTRUCTURE

Cytolytic T-cell granules: biochemical properties and functional specificity. Podack ER, et al. **Adv Exp Med Biol** 1985;184:99–119

Ly 2 positive cytotoxic T lymphocytes, whether specific or non-specific in lytic activity, may express a large, granular, vacuolated lymphocyte morphology. Wilson A, et al. **Aust J Exp Biol Med Sci** 1984 Aug;62 (Pt 4):381–401

Quantitative ultrastructure of cytolytic lymphocytes mediating allograft rejection in the mouse. I. Cellular alterations in T lymphocytes during specific target cell lysis. Gregory CD, et al. **Virchows Arch [Cell Pathol]** 1984;47(4):329–45

[Exocytosis of cytolytic T-lymphocytes studied by cryofracture and stereophotogrammetry] Shevelev AA, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):476–8 (Eng. Abstr.) **(Rus)**

[Electron microscopy and cytochemistry studies of lymphocyte subpopulations in corticosteroid deficiency] Zak KP, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):78–82 (Eng. Abstr.) **(Rus)**

T LYMPHOCYTES, HELPER see **HELPER CELLS**

T LYMPHOCYTES, INDUCER see **HELPER CELLS**

T LYMPHOCYTES, REGULATORY

see related
LYMPHOCYTE COOPERATION

Infectious mononucleosis mimicking a B cell immunoblastic lymphoma associated with an abnormality in regulatory T cells. Otteman LA, et al. **Am J Med** 1985 May;78(5):885–90

ANALYSIS

Immunoregulatory and activated T cells in amyotrophic lateral sclerosis patients. Bartfeld H, et al. **J Neuroimmunol** 1985 Aug;9(3–4):131–7

CLASSIFICATION

Abnormality of immunoregulatory T-lymphocytes in hypogammaglobulinemia. Ashkenazi S, et al. **Isr J Med Sci** 1985 Feb;21(2):167–9

The proliferative response of cloned Peyer's patch switch T cells to syngeneic and allogeneic stimuli. Kawanishi H, et al. **J Immunol** 1985 Jun;134(6):3586–91

Differential effects of leukotriene B4 on T4+ and T8+ lymphocyte phenotype and immunoregulatory functions. Rola-Pleszczynski M. **J Immunol** 1985 Aug;135(2):1357–60

Description of phenotypically distinct T-lymphocyte subsets which mediate helper/DTH and cytotoxic functions in the Syrian hamster. Witte PL, et al. **J Immunol** 1985 May;134(5):2908–15

Immunoregulatory T cells in acute toxoplasmosis [letter] De Waele M. **J Infect Dis** 1985 Aug;152(2):424

DRUG EFFECTS

The effect of plasmapheresis and drug immunosuppression on T-cell subsets as defined by monoclonal antibodies. Kiprov DD, et al. **J Clin Apheresis** 1983;1(2):57–63

Pharmacological modification of immunoregulatory activity of lymphocytes: facts and potential. Polmar SH. **Surv Immunol Res** 1984;3(4):274–9 (24 ref.)

IMMUNOLOGY

T regulator cell surface antigens in multiple sclerosis. Reder AT, et al. **Ann NY Acad Sci** 1984;436:247–53

T cell subsets in patients with multiple sclerosis. An overview. Weiner HL, et al. **Ann NY Acad Sci** 1984;436:281–93 (32 ref.)

Immunoregulatory T cell pathways: the helper T cell clone as target. Green DR, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):318–24

In vitro study of T-cell subsets regulating anti-ovalbumin antibody formation in humans. Shinomiya N, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):43–8

Selective activation of immunoregulatory T-cell circuits by an Ia+ antigen-presenting cell line. Rosenson-Schloss RS, et al. **Cell Immunol** 1985 Jul;93(2):475–85

T cell-B cell regulation in the intestinal lamina propria in Crohn's disease. Elson CO, et al. **Gastroenterology** 1985 Aug;89(2):321–7

Immunoregulatory function of lamina propria T cells in Crohn's disease. James SP, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1143–50

Peripheral blood mononuclear cells and regulatory T cells in acute viral hepatitis. Barnaba V, et al. **Gut** 1985 Jul;26(7):739–44

Immunological cellular regulator and effector mechanisms in myocarditis. Maisch B, et al. **Herz** 1985 Feb;10(1):8–14

Hereditary deficiency of OKT4-positive cells: studies for mode of inheritance and lymphocyte functions. Fukuda T, et al. **Immunology** 1984 Dec;53(4):643–9

In vitro synthesis of IgE by human peripheral blood leucocytes. IV. Longitudinal study of regulatory T-cell activity in atopics. Turner KJ, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):308–12

Immunoregulation in juvenile chronic arthritis. Ziegler JB, et al. **Int Arch Allergy Appl Immunol** 1984;75(3):196–202

T cell regulation of B cell activation. Lyt-1+,2-T cells modify the MHC-restricted function of heterogeneous and cloned T suppressor cells. Asano Y, et al. **J Exp Med** 1985 Aug 1;162(2):413–26

Immunoregulation in the rat: cellular and molecular requirements for B cell responses to types 1, 2, and T-dependent antigens. Eldridge JH, et al. **J Immunol** 1985 Apr;134(4):2236–46

Network regulation of the immune response: alternative control points for suppressor modulation of effector lymphocytes. Irvine DH, et al. **J Immunol** 1985 Apr;134(4):2100–16

Network regulation of the immune response: modulation of suppressor lymphocytes by alternative signals including contrasuppression. Irvine DH, et al. **J Immunol** 1985 Apr;134(4):2117–30

Participation of class II alloantigens in in vivo regulation of K/D region disparate thyroid graft rejection in mice. Isakov N, et al. **J Immunol** 1985 Jun;134(6):3580–5

A platelet-derived immunoregulatory serum factor with T cell affinity. Katz IR, et al. **J Immunol** 1985 May;134(5):3199–203

Regulation of the growth of Epstein-Barr virus-infected B cells. I. Growth regression by E rosetting cells from VCA-positive donors is a combined effect of autologous mixed leukocyte reaction and activation of T8+ memory cells. Konttinen YT, et al. **J Immunol** 1985 Apr;134(4):2287–93

T cell regulation of interferon-alpha/beta (IFN-alpha/beta) production by alloantigen-stimulated bone marrow cells. Reyes VE, et al. **J Immunol** 1985 May;134(5):3137–41

Delayed hypersensitivity and immune protection against herpes simplex virus: suppressor T cells that regulate the induction of delayed hypersensitivity effector T cells also regulate the induction of protective T cells. Schrier RD, et al. **J Immunol** 1985 May;134(5):2889–93

T cell regulation of the thymus-independent antibody response to trinitrophenylated-Brucella abortus (TNP-BA). Tanay A, et al. **J Immunol** 1985 Jun;134(6):3669–74

Regulatory role of a monomorphic determinant of HLA Class I antigens in T cell proliferation. Turco MC, et al. **J Immunol** 1985 Oct;135(4):2268–73

Immunoregulatory T cells in multiple sclerosis: markers and functions. Bach MA. **Springer Semin Immunopathol** 1985;8(1–2):45–56 (49 ref.)

[Regulation of the immune response by contrasuppressor lymphocytes] Ptak W. **Postepy Hig Med Dosw** 1984 Jul–Aug;38(4):389–425 (107 ref.) (Eng. Abstr.) **(Pol)**

[Principle of immunoregulation in the treatment of chronic inflammatory rheumatism] Duţu A, et al. **Rev Med Interna [Med Interna]** 1984 May–Jun;36(3):193–203 (22 ref.) **(Rum)**

[Dominant role of the genes of the K region in the mouse H-2 system in macrophage induction of T effectors of the graft vs host reaction] Anfalova TV, et al. **Dokl Akad Nauk SSSR** 1984;279(4):1016–20 **(Rus)**

[Characteristics of immunoregulatory lymphocyte subpopulations in patients with congestive cardiomyopathy and nonrheumatic myocarditis studied by monoclonal antibodies] Kipshidze NN, et al. **Ter Arkh** 1984;56(10):56–8 (Eng. Abstr.) **(Rus)**

METABOLISM

Isotype-specific immunoregulation. IgA-binding factors produced by Fc alpha receptor-positive T cell hybridomas regulate IgA responses. Kiyono H, et al. **J Exp Med** 1985 Apr 1;161(4):731–47

PATHOLOGY

Histometric study of the localisation of lymphocyte subsets and accessory cells in human Mantoux reactions. Gibbs JH, et al. **J Clin Pathol** 1984 Nov;37(11):1227–34

PHYSIOLOGY

Studies on thyroglobulin-specific suppressor T cell function in autoimmune thyroid disease. Mori H, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):306–12

T LYMPHOCYTES, SUPPRESSOR see **SUPPRESSOR CELLS**

LYMPHOCYTES, NULL

[Electrophoretic mobility in acute null cell lymphoblastic leukemia] Pavone V, et al. **Boll Ist Sieroter Milan** 1982;61(3):225–9 (Eng. Abstr.) **(Ita)**

CLASSIFICATION

Definition of the cell types within the 'null lymphocyte' population of human peripheral blood: an analysis of phenotypes and functions. Ferrarini M, et al. **Semin Hematol** 1984 Oct;21(4):270–86 (189 ref.)

CYTOLOGY

Differentiation capacity of null-AL(L) cells in culture. Ganser A, et al. **Hamatol Bluttransfus** 1985;29:436–40

ENZYMOLOGY

Elevated adenosine deaminase and purine nucleoside phosphorylase activity in peripheral blood null lymphocytes from patients with acquired immune deficiency syndrome. Murray JL, et al. **Blood** 1985 Jun;65(6):1318–24

IMMUNOLOGY

Identification of erythroid colony progenitors in a subset of human peripheral null lymphocytes devoid of Fc receptors. Rosenthal CJ, et al. **Am J Hematol** 1985 Jun;19(2):109–20

SIg-E- ('null-cell') non-Hodgkin's lymphomas. Multiparametric determination of their B- or T-cell lineage. Knowles DM 2d, et al. **Am J Pathol** 1985 Sep;120(3):356–70

Monocyte-mediated augmentation of human natural cell-mediated cytotoxicity. Bloom ET, et al. **Cell Immunol** 1985 Mar;91(1):21–32

Cells and mediators which participate in immunoglobulin synthesis by human mononuclear cells. I. The obligatory requirement of null lymphocytes in the synthesis of immunoglobulins in vitro. Richter M, et al. **Cell Immunol** 1985 Sep;94(2):614–8

METABOLISM

Fc gamma-receptor-bearing, non-B lymphocytes in human peripheral blood: cytophilic immunoglobulin binds almost exclusively to large granular lymphocytes. Wilson AB, et al. **Cell Immunol** 1985 Jan;90(1):196–207

Agar human T cell colony growth promoted by a B+ null cell-derived lymphokine distinct from IL 2. Mossalayi MD, et al. **J Immunol** 1985 Apr;134(4):2400–4

Human peripheral blood null lymphocytes stimulated by Staphylococcus aureus Cowan I produce atypical acid-labile interferon in vitro. Funa K, et al. **Scand J Immunol** 1985 Jan;21(1):55–62

PATHOLOGY

Proliferation of infected lymphoid precursors before Moloney murine leukemia virus-induced T-cell lymphoma. Storch TG, et al. **JNCI** 1985 Jan;74(1):137–43

PHYSIOLOGY

Subpopulations of mononuclear cells in ageing: expansion of the null cell compartment and decrease in the number of T and B cells in human blood. Ligthart GJ, et al. **Immunology** 1985 May;55(1):15–21

Ly-2+ T cell enlargement and null cell proliferation occur at the onset of splenomegaly and autoantibody production in New Zealand Black mice. Manohar V, et al. **J Immunol** 1984 Dec;133(6):3020–5

LYMPHOCYTIC CHORIOMENINGITIS

COMPLICATIONS

Impairment in auditory and visual function follows perinatal viral infection in the rat. Campo A, et al. **Int J Neurosci** 1985 Jul;27(1–2):85–90

DIAGNOSIS

[Lyme disease in Finland] Kovanen J, et al. **Duodecim** 1985;101(12):1206–11 (Eng. Abstr.) **(Fin)**

DRUG THERAPY

Beneficial effect of cyclosporin A on the lymphocytic choriomeningitis virus infection in mice. Saron MF, et al. **Eur J Immunol** 1984 Nov;14(11):1064–6

ETIOLOGY

[Lymphocytic meningoradiculitis following insect bites (Bannwarth' syndrome)] Wokke JH, et al. **Ned Tijdschr Geneeskd** 1984 Sep 22;128(38):1796–9 (Eng. Abstr.) **(Dut)**

[Bannwarth's syndrome—a spirochetal cause of meningoradiculitis] Marttila R, et al. **Duodecim** 1985;101(12):1191–7 (Eng. Abstr.) **(Fin)**

FAMILIAL & GENETIC

Consequences of a single Ir-gene defect for the pathogenesis of lymphocytic choriomeningitis. Allan JE, et al. **Immunogenetics** 1985;21(6):581-9

Genetic mapping of lymphocytic choriomeningitis virus pathogenicity: virulence in guinea pigs is associated with the L RNA segment. Riviere Y, et al. **J Virol** 1985 Sep; 55(3):704-9

Analysis of persistent virus infections by in situ hybridization to whole-mouse sections. Southern PJ, et al. **Nature** 1984 Dec 6-12;312(5994):555-8

Susceptibility to murine lymphocytic choriomeningitis maps to class I MHC genes--a model for MHC/disease associations. Zinkernagel RM, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):814-7

IMMUNOLOGY

Appearance of antibodies to two viruses in cerebrospinal fluid of patients with aseptic meningitis. Dekonenko EP, et al. **Acta Neurol Scand** 1985 Feb;71(2):146-9

Immune T cells can protect or induce fatal neurological disease in murine lymphocytic choriomeningitis. Allan JE, et al. **Cell Immunol** 1985 Feb;90(2):401-7

Different isotype profiles of virus-specific antibodies in acute and persistent lymphocytic choriomeningitis virus infection in mice. Thomsen AR, et al. **Immunology** 1985 Jun; 55(2):213-23

Interferon enhances the susceptibility of virus-infected fibroblasts to cytotoxic T cells. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):257-62

Mechanism of recovery from acute virus infection. I. Role of T lymphocytes in the clearance of lymphocytic choriomeningitis virus from spleens of mice. Lehmann-Grube F, et al. **J Immunol** 1985 Jan; 134(1):608-15

The immune response of the mouse to lymphocytic choriomeningitis virus. IV. Enumeration of antibody-producing cells in spleens during acute and persistent infection. Moskophidis D, et al. **J Immunol** 1984 Dec;133(6):3366-70

Lack of correlation between cytotoxic T lymphocytes and lethal murine lymphocytic choriomeningitis. Pfau CJ, et al. **J Immunol** 1985 Jul;135(1):597-602

Expression of asialo GM1 and other antigens and glycolipids on natural killer cells and spleen leukocytes in virus-infected mice. Yang H, et al. **Nat Immun Cell Growth Regul** 1985;4(1):21-39

Participation of cyclophosphamide-resistant T cells in murine lymphocytic choriomeningitis. Doherty PC, et al. **Scand J Immunol** 1985 Feb;21(2):127-32

MORTALITY

High-dose survival in the lymphocytic choriomeningitis virus infection is accompanied by suppressed DTH but unaffected T-cell cytotoxicity. Marker O, et al. **Scand J Immunol** 1985 Jan;21(1):81-91

OCCURRENCE

Two epizootics of lymphocytic choriomeningitis virus occurring in laboratory mice despite intensive monitoring programs. Smith AL, et al. **Can J Comp Med** 1984 Jul; 48(3):335-7

[Lymphocytic choriomeningitis 1982] Witczuk J, et al. **Przegl Epidemiol** 1984;38(4):419-23 (Eng. Abstr.) **(Pol)**

LYMPHOCYTIC CHORIOMENINGITIS VIRUS

GENETICS

Genetic mapping of lymphocytic choriomeningitis virus pathogenicity: virulence in guinea pigs is associated with the L RNA segment. Riviere Y, et al. **J Virol** 1985 Sep; 55(3):704-9

The S RNA segment of lymphocytic choriomeningitis virus codes for the nucleoprotein and glycoproteins 1 and 2. Riviere Y, et al. **J Virol** 1985 Mar;53(3):966-8

Conserved sequences and coding of two strains of lymphocytic choriomeningitis virus (WE and ARM) and Pichinde arenavirus. Romanowski V, et al. **Virus Res** 1985 Feb;2(1):35-51

GROWTH & DEVELOPMENT

Adoptive transfer studies demonstrating the antiviral effect of natural killer cells in vivo. Bukowski JF, et al. **J Exp Med** 1985 Jan 1;161(1):40-52

IMMUNOLOGY

Different isotype profiles of virus-specific antibodies in acute and persistent lymphocytic choriomeningitis virus infection in mice. Thomsen AR, et al. **Immunology** 1985 Jun; 55(2):213-23

Mechanism of recovery from acute virus infection. I. Role of T lymphocytes in the clearance of lymphocytic choriomeningitis virus from spleens of mice. Lehmann-Grube F, et al. **J Immunol** 1985 Jan; 134(1):608-15

The immune response of the mouse to lymphocytic choriomeningitis virus. IV. Enumeration of antibody-producing cells in spleens during acute and persistent infection. Moskophidis D, et al. **J Immunol** 1984 Dec;133(6):3366-70

Biology of cloned cytotoxic T lymphocytes specific for lymphocytic choriomeningitis virus: clearance of virus and in vitro properties. Anderson J, et al. **J Virol** 1985 Feb; 53(2):552-60

PATHOGENICITY

Virus and immune responses: lymphocytic choriomeningitis virus as a prototype model of viral pathogenesis. Oldstone MB, et al. **Br Med Bull** 1985 Jan;41(1):70-4 (35 ref.)

Consequences of a single Ir-gene defect for the pathogenesis of lymphocytic choriomeningitis. Allan JE, et al. **Immunogenetics** 1985;21(6):581-9

Lack of correlation between cytotoxic T lymphocytes and lethal murine lymphocytic choriomeningitis. Pfau CJ, et al. **J Immunol** 1985 Jul;135(1):597-602

Susceptibility to murine lymphocytic choriomeningitis maps to class I MHC genes--a model for MHC/disease associations. Zinkernagel RM, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):814-7

LYMPHOCYTOPENIA see **LYMPHOPENIA**

LYMPHOCYTOSIS

BLOOD

Impaired gamma interferon production by cells from patients with lymphoproliferative disorders of mature T and NK cells. Pandolfi F, et al. **Scand J Immunol** 1985 Apr; 21(4):315-20

CEREBROSPINAL FLUID

[Pseudomigraine with inflammatory cerebrospinal fluid: a benign syndrome] Marti Masso JF, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):665-7 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Chemical modification of islet-activating protein, pertussis toxin. Essential role of free amino groups in its lymphocytosis-promoting activity. Nogimori K, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):220-31

COMPLICATIONS

Chronic T-cell lymphocytosis with neutropenia. Its association with Epstein-Barr virus infection. Herrod HG, et al. **Am J Dis Child** 1985 Apr;139(4):405-7

Cerebrospinal fluid lymphocytosis in acute bacterial meningitis. Powers WJ. **Am J Med** 1985 Aug;79(2):216-20

Cyclical neutropenia and T8 lymphocyte mediated stimulation of granulopoiesis. Smith JG, et al. **Br J Haematol** 1985 Jul;60(3):481-9

DIAGNOSIS

Distinction between T gamma lymphocytosis and other T-cell proliferations with monoclonal antibodies against T-cell and natural killer (NK) cell subsets. Van de Griend RJ, et al. **Neth J Med** 1985;28(3):96-101

Bannwarth's syndrome (lymphocytic meningoradiculitis) in Sweden. Ryberg B. **Yale J Biol Med** 1984 Jul-Aug; 57(4):499-503

ETIOLOGY

Preferential increase of a T-cell subset as a cause of lymphocytosis in children with whooping cough. De Martino M, et al. **Boll Ist Sieroter Milan** 1984;63(5):479-82

Chronic lymphocytosis due to the expansion of granular lymphocytes [letter] Pandolfi F, et al. **Br J Haematol** 1985 Aug;60(4):771-3

Evidence of lymphocyte alveolitis in Crohn's disease. Wallaert B, et al. **Chest** 1985 Mar;87(3):363-7

Persistent polyclonal lymphocytosis of B lymphocytes, induced by cigarette smoking? [letter] Carstairs KC, et al. **Lancet** 1985 May 11;1(8437):1094

[Lymphocytic interstitial pneumonia in Gougerot-Sjögren syndrome with scleroderma] Allard P, et al. **Ann Med Interne (Paris)** 1984;135(6):431-4 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Acute infectious lymphocytosis: phenotype of the proliferating cell. Bertotto A, et al. **Acta Paediatr Scand** 1985 Jul;74(4):633-5

Familial hemophagocytic lymphohistiocytosis in Israel. II. Pathologic findings. Soffer D, et al. **Cancer** 1984 Dec 1; 54(11):2423-31

Familial hemophagocytic lymphohistiocytosis (FHLH) in Israel. I. Description of 11 patients of Iranian-Iraqi origin and review of the literature. Stark B, et al. **Cancer** 1984 Nov 15;54(10):2109-21

Genetic analysis of familial erythrophagocytic lymphohistiocytosis. Gencik A, et al. **Eur J Pediatr** 1984 Sep;142(4):248-52

Familial haemophagocytic lymphohistiocytosis in two brothers: possible relationship between impaired immune function and clinical picture of graft-versus-host disease. Rascio N, et al. **Eur J Pediatr** 1984 Sep;142(4):306-7

Familial hemophagocytic lymphohistiocytosis: report of four cases in two families and review of the literature. Gilbert EF, et al. **Pediatr Pathol** 1985;3(1):59-92

Familial erythrophagocytic lymphohistiocytosis. van Acker KJ, et al. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):192-6

[Fragile site on chromosome 2 (q11) in a case of familial lymphohistiocytosis] Gilgenkrantz S, et al. **J Genet Hum** 1984 Jul;32(3):209-19 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

T cells in patients with chronic T gamma lymphocytosis: morphology, cytochemistry, ultrastructure and immunological characteristics. Smit JW, et al. **Blut** 1985 Aug;51(2):83-95

Abnormal T lymphoproliferative disorder demonstrating in vitro suppressor and helper characteristics associated with Crohn's disease. Proctor SJ. **Br J Haematol** 1985 Apr; 59(4):740-1

T-lymphocyte subsets in pleural fluids: discrimination according to traditional and monoclonal antibody-defined markers. Kochman S, et al. **Eur J Respir Dis** 1984 Nov; 65(8):586-91

A case of granular lymphocyte proliferation with T-cell phenotype. Toki H, et al. **Jpn J Clin Oncol** 1985 Mar; 15(1):151-9

Significance of lymphocytosis in adults. Chanarin I, et al. **Lancet** 1984 Oct 20;2(8408):897-9

Chronic large granular lymphocytosis with high NK activity and ADCC. Shimamoto Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):108-17

Chronic T cell lymphocytosis with large granular lymphocytes of helper (OKT4) phenotype. Berrebi A, et al. **Scand J Haematol** 1985 Feb;34(2):160-9

PATHOLOGY

Granulated T cell lymphocytosis with neutropenia: malignant or benign chronic lymphoproliferative disorder? McKenna RW, et al. **Blood** 1985 Aug;66(2):259-66

In vitro expansion and analysis of cloned cytotoxic T cells derived from patients with chronic T gamma lymphoproliferative disorders. van de Griend RJ, et al. **Blood** 1985 Apr;65(4):1002-9

Chronic T cell lymphocytosis: a review of 21 cases. Newland AC, et al. **Br J Haematol** 1984 Nov;58(3):433-46

Lymphocytic adenohypophysitis. A review and a case. Madsen FF, et al. **Dan Med Bull** 1985 Jun;32(3):185-8

Immunohistochemical studies in lymphocytic infiltration of the skin (Jessner) and discoid lupus erythematosus. A comparative study. Willemze R, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 1):832-40

Lymphocytoma cutis with meningeal involvement. Bhattacharyya K. **J Indian Med Assoc** 1984 Jun;82(6):210-1

LYMPHOCYTOTOXIC ANTIBODIES see **ANTILYMPHOCYTE SERUM**

LYMPHOGRANULOMA INGUINALE see **LYMPHOGRANULOMA VENEREUM**

LYMPHOGRANULOMA, MALIGNANT see **HODGKIN'S DISEASE**

LYMPHOGRANULOMA VENEREUM

Clinical aspects of chlamydial infections. **Can Med Assoc J** 1985 Jul 1;133(1):43

Female adolescents with Chlamydia. Tomorrow's candidates for in vitro fertilization? Schachter J, et al. **West J Med** 1985 Jul;143(1):101-2

COMPLICATIONS

[Condylomata acuminata as a venereological problem] Mazurkiewicz W, et al. **Przegl Dermatol** 1984 Nov-Dec; 71(6):559-66 (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Evaluation of a C-reactive protein latex agglutination detection test with sera from patients with sexually transmitted diseases. Schalla WO, et al. **J Clin Microbiol** 1984 Dec;20(6):1171-3

Monoclonal antibody based ELISA for detecting Chlamydia trachomatis [letter] Caul EO, et al. **Lancet** 1985 Feb 2; 1(8423):279

[Lymphogranuloma venereum] Petersen CS, et al. **Ugeskr Laeger** 1984 Nov 5;146(45):3460 (Eng. Abstr.) **(Dan)**

ETIOLOGY

[Oculogenital Chlamydia trachomatis infections in the city of Puebla (letter)] Tovar Tovar F, et al. **Rev Invest Clin** 1984 Oct-Dec;36(4):391 **(Spa)**

IMMUNOLOGY

Systemic Chlamydia trachomatis infection in mice: a comparison of lymphogranuloma venereum and trachoma biovars. Brunham RC, et al. **Infect Immun** 1985 Apr; 48(1):78-82

MICROBIOLOGY

[Neonatal pneumonia caused by Chlamydia trachomatis] Szirmai Z, et al. **Orv Hetil** 1985 Apr 28;126(17):1027-30

(Eng. Abstr.) **(Hun)**

[Studies on infectivity and microbiological incubation time of Chlamydia infection in men with urethritis and in their sexual partners. II. Significance of the microbiological incubation time for the correct determination of the risk of infection] Dajek Z. **Przegl Dermatol** 1984 Nov-Dec; 71(6):537-43 (Eng. Abstr.) **(Pol)**

[Studies on infectivity and microbiological incubation time of Chlamydia infection in men with urethritis and in their sexual partners. I. Degree of infectivity for the partners] Dajek Z. **Przegl Dermatol** 1984 Nov-Dec;71(6):529-35 (Eng. Abstr.) **(Pol)**

OCCURRENCE

Laboratory reports of chlamydial infections in Canada in 1984. **Can Med Assoc J** 1985 Jul 1;133(1):44-5

Prevalence of Chlamydia trachomatis and genital mycoplasmas in asymptomatic women. Embil JA, et al. **Can Med Assoc J** 1985 Jul 1;133(1):34-5

Epidemiologic and clinical factors of Chlamydia trachomatis in black, Hispanic and white female adolescents. Eagar RM, et al. **West J Med** 1985 Jul;143(1):37-41

PATHOLOGY

Infectious antecedent of immunoblastic lymphoma. Progressive immunosuppression in a patient with lymphogranuloma venereum. Senitzer D, et al. **Am J Med** 1985 Jan;78(1):163-7

Histological, immunofluorescent, and ultrastructural features of lymphogranuloma venereum: a case report. Alacoque B, et al. **Br J Vener Dis** 1984 Dec;60(6):390-5

[Segmental chlamydia proctitis] Cremer H, et al. **Leber Magen Darm** 1985 May;15(3):117-20 (Eng. Abstr.) **(Ger)**

LYMPHOGRAPHY

Lymphography as a diagnostic aid in urology. Brillenburg Wurth GH, et al. **Arch Chir Neerl** 1967;19(3):233-50

Intrapulmonary lymph nodes. Clinical, radiologic, and pathologic features. Kradin RL, et al. **Chest** 1985 May; 87(5):662-7

Priorities for computed tomography and lymphography in the staging and initial management of Hodgkin's disease. Shiels RA, et al. **Clin Radiol** 1984 Nov;35(6):447-9

Prognostic significance of lymphography in stage IIs Hodgkin's disease (HD). Mazza P, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1393-9

Lymphangiography, ultrasonography, and computed tomography in Hodgkin's disease and non-Hodgkin's lymphoma. Clouse ME, et al. **J Comput Tomogr** 1985 Jan; 9(1):1-8

Lymphangiography and computerized tomography in testicular carcinoma: how accurate in early stage disease? Tesoro-Tess JD, et al. **J Urol** 1985 Jun;133(6):967-70

Unusual chylolymphedema of congenital origin. Accarpio G, et al. **Lymphology** 1984 Dec;17(4):113-4

Abdominal ultrasonic scanning versus lymphangiography in testicular cancer. von der Maase H, et al. **Scand J Urol Nephrol** 1984;18(3):177-9

Relative role of abdominal pelvic CT and lymphangiography in staging of testicular seminoma. Macher MS, et al. **Urology** 1985 Aug;26(2):193-5

[Correlation of computed tomography and lymphangiography manifestations in non-Hodgkin's lymphomas--a report of 122 cases] Shi ML. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):192-5 (Eng. Abstr.) **(Chi)**

[Cinelymphography of chyluria] Lu GC. **Chung Hua Wai Ko Tsa Chih** 1984 Jul;22(7):415-6, 445 (Eng. Abstr.) **(Chi)**

[The effect of lymphography with an oily contrast medium on ventilatory and respiratory function] Bruna J, et al. **Cesk Radiol** 1984 Sep;38(5):328-33 (Eng. Abstr.) **(Cze)**

[Role and aspects of lymphography in juvenile chronic polyarthritis] Collet JP, et al. **Pediatrie** 1984 Oct-Dec; 39(7):575-9 (Eng. Abstr.) **(Fre)**

[Diagnostic value of sonography, computerized tomography and lymphography in malignant lymphoma] Wolff P, et al. **Fortschr Med** 1985 Jun 27;103(24):643-8 (Eng. Abstr.) **(Ger)**

[Value of computer tomography and lymphography for staging of malignant testicular tumors] Freitag J, et al. **Z Urol Nephrol** 1985 Feb;78(2):87-96 (Eng. Abstr.) **(Ger)**

[The histologically evaluated accuracy of lymphography in operative therapy of invasive cervix cancer stages Ib-IIb] Bergander S, et al. **Zentralbl Gynakol** 1985;107(12):721-5 (Eng. Abstr.) **(Ger)**

[Malignant lymphoma of Waldeyer's ring: is lymphography always necessary?] Hayabuchi N, et al. **Gan No Rinsho** 1985 Feb;31(2):185-9 (Eng. Abstr.) **(Jpn)**

[Clinical value of testicular lymphangiography in diagnosis of retroperitoneal metastases] Takasaki N, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1599-610 (Eng. Abstr.) **(Jpn)**

[Chylous ascites secondary to liver cirrhosis, with special reference to lymphangiography and lipoprotein analysis of chylous ascites] Sakurai H, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):40-7 **(Jpn)**

[Correlation between lymphangiography and abdominal computed tomography in the diagnosis of malignant lymphoma of the retroperitoneal lymph nodes] Sampi K, et al. **Rinsho Ketsueki** 1985 Mar;26(3):362-6 (Eng. Abstr.) **(Jpn)**

[Lymphography in cancer of the prostate] Tsyb AF, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):27-30 (Eng. Abstr.) **(Rus)**

[Possibilities of roentgeno-radiologic study of the lymphatic system] Tsyb AF, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):57-62 (49 ref.) **(Rus)**

[Lymphographic picture of malignant lymphomas in children] Vesnin AG, et al. **Vopr Onkol** 1985;31(2):67-73 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

The CT appearances of hepatic oil embolism following lymphography. Silverstone EJ, et al. **Br J Radiol** 1984 Sep; 57(682):779-83

Lipid cerebral embolization following lymphogram. San DC, et al. **Clin Neuropharmacol** 1985;8(2):184-8

Hepatic oil embolism following lymphangiography. Lee S. **J Ultrasound Med** 1985 Jul;4(7):357-9

[Acute adult respiratory distress syndrome after lymphography] Saada M, et al. **Ann Fr Anesth Reanim** 1985; 4(1):79-81 (Eng. Abstr.) **(Fre)**

INSTRUMENTATION

[Personal experience with a lymphography kit made in Yugoslavia (TIK Kobarid)] Benda K. **Cesk Radiol** 1985 May;39(3):193-8 (Eng. Abstr.) **(Cze)**

[Technical facilitation of lymphatic vessel puncture in lymphography] Eichner H. **Rontgenpraxis** 1985 Feb; 38(2):65-7 **(Ger)**

[Device and attachments for catheterization of peripheral lymphatic vessels] Tsyb AF, et al. **Khirurgiia (Mosk)** 1984 Oct;(10):104-7 **(Rus)**

[Lymphography using a Soviet autoinjector] Lytkin MI, et al. **Vestn Khir** 1984 Sep;133(9):131-4 **(Rus)**

METHODS

Radiographic imaging of lymph nodes in lymph node dissection specimens. Groote AD, et al. **Lab Invest** 1985 Mar;52(3):326-9

Indirect lymphography of the breast with iotasul: a vanishing hope? Musumeci R, et al. **Lymphology** 1984 Dec; 17(4):118-23

[A method of intramural lymphography of the esophagus and stomach] Rizaev MN, et al. **Radiol Diagn (Berl)** 1984; 25(3):259-65 (Eng. Abstr.) **(Ger)**

[Pharmacolymphography with Venalot and Venoruton--a 7 years' report] Schmidt F, et al. **Radiol Diagn (Berl)** 1985; 26(1):41-51 (Eng. Abstr.) **(Ger)**

[1st report on indirect lymphography using iotasul in the head and neck region] Muller RP, et al. **ROFO** 1985 Feb; 142(2):218-21 (Eng. Abstr.) **(Ger)**

[Lymphography without dye injection. A low-risk method with minimal patient burden] Rieden K. **ROFO** 1984 Nov; 141(5):583-4 (Eng. Abstr.) **(Ger)**

[Transbronchial mediastinal lymphography using water-soluble and non-ionic contrast medium] Tauchi T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):536-8 (Eng. Abstr.) **(Jpn)**

[Chromolymphography as a guide to the dissection of mediastinal lymph nodes] Watanabe H, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):587-92 (Eng. Abstr.) **(Jpn)**

[Thyroid lymphography with water-soluble agents in the diagnosis of thyroiditis] Akinchev AL. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):88-90 **(Rus)**

[Method of microlymphography of the thyroid gland] Spuziak MI, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec; (6):78-9 **(Rus)**

[Indirect contrast chromolymphography] Stukov AN, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):62-4 (Eng. Abstr.) **(Rus)**

[Indirect isotopic lymphography. Technic and clinical applications] Serena A, et al. **Rev Med Univ Navarra** 1984 Sep;28(3):25-30 (Eng. Abstr.) **(Spa)**

VETERINARY

[The lymphatic system and lymphography in birds (2)] Berens von Rautenfeld D, et al. **Tierarztl Prax** 1984;12(1):21-32 **(Ger)**

LYMPHOID CELLS see **LYMPHOCYTES**

LYMPHOID TISSUE

see related
ADENOIDS
SPLEEN
THYMUS GLAND
TONSIL

Dendritic cell identification in head and neck lymphoid tissue. Newly recognized cells control T-lymphocyte functions. Richtsmeier WJ, et al. **Arch Otolaryngol** 1984 Nov; 110(11):701-6

ANALYSIS

Application of image analysis for quantitative immunoperoxidase detection of IgE containing cells in lymphoid tissues. Gershwin LJ, et al. **J Immunol Methods** 1985 Jan 21;76(1):39-46

A controlled pore glass bead assay for the measurement of cytoplasmic and nuclear glucocorticoid receptors. Gormley GJ, et al. **J Steroid Biochem** 1985 Jun;22(6):693-8

Differential distribution of tolerogenic bovine gamma-globulin in lymphoid tissues. Hosono M, et al. **Jpn J Exp Med** 1984 Aug;54(4):153-7

A neuroendocrine marker in tissues of the immune system. Angeletti RH, et al. **Science** 1985 Oct 4;230(4721):89-90

ANATOMY & HISTOLOGY

A contribution to the development of intraparotidean lymphatic tissue in man. Holibka V, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:117-24

Morphometry of lymphoid organs in health and disease. Tosi P, et al. **Pathol Res Pract** 1984 Nov;179(2):207-9

Immune responsiveness and lymphoreticular morphology in cattle fed hypo- and hyperalimentative diets. Fiske RA, et al. **Vet Immunol Immunopathol** 1985 Feb;8(3):225-44

CYTOLOGY

Distribution of immunoglobulin-bearing cells in the gut-associated lymphoid tissues of the turkey: effect of antibiotics. Cook J, et al. **Am J Vet Res** 1984 Oct; 45(10):2189-92

Distribution of immunoglobulin-bearing cells in the gut-associated lymphoid tissues of the turkey: effect of oral treatment with intestinal microflora. Naqi SA, et al. **Am J Vet Res** 1984 Oct;45(10):2193-5

In vitro analysis of the homing properties of human lymphocytes: developmental regulation of functional receptors for high endothelial venules. Jalkanen ST, et al. **Blood** 1985 Sep;66(3):577-82

The inhibitory effect of histamine on lymphoid tissue proliferation in mice. Al-Imara LJ, et al. **Cell Immunol** 1985 Mar;91(1):284-8

Effects of thymic myoid cell culture supernatant on cells from lymphatic tissues. Kamo I, et al. **Cell Immunol** 1985 Sep;94(2):587-97

Accessory cell function of thoracic duct nonlymphoid cells, dendritic cells, and splenic adherent cells in the Brown-Norway rat. Nagelkerken L, et al. **Cell Immunol** 1985 Jul;93(2):520-31

Lymphopineal tissue in the chicken. Olah I, et al. **Dev Comp Immunol** 1984 Fall;8(4):855-62

MHC- and non-MHC-encoded surface antigens of chicken lymphoid cells and erythrocytes recognized by polyclonal xeno-, allo- and monoclonal antibodies. Wolf H, et al. **Eur J Immunol** 1984 Sep;14(9):831-9

The function and origin of follicular dendritic cells. Humphrey JH. **Folia Microbiol (Praha)** 1985;30(3):184-90

Distribution of the lymphoid cells in the intestinal epithelium of mice. A preliminary communication. Rowinski J, et al. **Folia Morphol** 1984;43(2):105-8

Gut associated lymphoid tissue: a morphological and immunocytochemical study of the human appendix. Spencer J, et al. **Gut** 1985 Jul;26(7):672-9

Expulsion of Trichinella spiralis from the intestine of W/Wv mice reconstituted with haematopoietic and lymphopoietic cells and origin of mucosal mast cells. Oku Y, et al. **Immunology** 1984 Oct;53(2):337-44

Endometrial lymphoid tissue: an immunohistological study. Morris H, et al. **J Clin Pathol** 1985 Jun;38(6):644-52

A selective culture system for generating terminal deoxynucleotidyl transferase-positive (TdT+) lymphoid precursor cells in vitro. I. Description of the culture system. Hayashi J, et al. **J Exp Med** 1984 Dec 1;160(6):1622-39

Human B cell development. I. Phenotypic differences of B lymphocytes in the bone marrow and peripheral lymphoid tissue. Campana D, et al. **J Immunol** 1985 Mar; 134(3):1524-30

Distribution of cells bearing the Tac antigen during ontogeny of human lymphoid tissue. Hofman FM, et al. **J Immunol** 1985 Jun;134(6):3751-5

The response of gut-associated T lymphocytes to intestinal viral immunization. Issekutz TB. **J Immunol** 1984 Dec; 133(6):2955-60

Antigen presentation by spleen dendritic cells. Sunshine GH, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):110s-114s

Cellular migration streams. The integration of the lymphomyeloid complex. Yoffey JM. **Lymphology** 1985 Mar;18(1):5-21 (119 ref.)

International Workshop on Dendritic and Langerhans Cells in Immunoregulation. **Scand J Immunol** 1985 May; 21(5):385-510

Dendritic cells and monocytes as accessory cells in T-cell responses in man. II. Function as antigen-presenting cells. Bjercke S, et al. **Scand J Immunol** 1985 May;21(5):501-8

Enriched Langerhans cells express more HLA-DR determinants than blood-derived adherent cells (monocytes and dendritic cells). Bjercke S, et al. **Scand J Immunol** 1985 May;21(5):489-92

Dendritic cells and monocytes as accessory cells in T-cell responses in man. I. Phenotypic analysis of dendritic cells and monocytes. Gaudernack G, et al. **Scand J Immunol** 1985 May;21(5):493-500

Development of natural killer cells: comparison of the maturation rates in different lymphoid compartments. Hurme M, et al. **Scand J Immunol** 1985 Feb;21(2):159-65

Morphological characterization of the somatostatin-immunoreactive dendritic skin cells in urticaria pigmentosa patients by computerized image analysis. Johansson O. **Scand J Immunol** 1985 May; 21(5):431-9

The involvement of dendritic cells in chronic inflammatory disease. Poulter LW, et al. **Scand J Immunol** 1985 May; 21(5):401-7

Langerhans cells and extra-epidermal dendritic cells. An investigation in laboratory animals and man with immunomorphological methods. Rowden G, et al. **Scand J Immunol** 1985 May;21(5):471-8

S-100 protein immunostaining in cells of dendritic morphology within reactive germinal centers by ABC immunoperoxidase method. Carbone A, et al. **Virchows Arch [A]** 1985;406(1):27-32

[Cytochemical differentiation of T- and B-lymphocytes in the short-tailed mouse (Clethrionomys glareolus)] Budde R, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:83-105 (Eng. Abstr.) **(Ger)**

[T cell distribution in the lymphatic tissues of bone marrow chimeras. An immunohistochemical study] Nakahara Y, et al. **Igaku Kenkyu** 1984 Mar;54(2):125-33 (Eng. Abstr.) **(Jpn)**

DRUG EFFECTS

Differential calcium leucovorin protection of human lymphoid cell lines from methotrexate. Browman GP, et al. **Cancer Chemother Pharmacol** 1985;15(2):105-10

Comparison of leucovorin protection from variety of antifolates in human lymphoid cell lines. Browman GP, et al. **Cancer Chemother Pharmacol** 1985;15(2):111-4

Retinoid toxicity. Turton JA, et al. **Ciba Found Symp** 1985; 113:220-51

Changes induced in the lymphoid system by the double-stranded RNA. Sula K, et al. **Folia Biol (Praha)** 1984;30(5):349-57

Intestinal lymphoid tissue changes in the cortisone-treated Wistar rat. Carpen E, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):115-7

Studies of intestinal lymphoid tissue. IX. Dose-dependent, gluten-induced lymphoid infiltration of coeliac jejunal epithelium. Leigh RJ, et al. **Scand J Gastroenterol** 1985 Aug;20(6):715-9

EMBRYOLOGY

[Ontogenesis of lymphoid organs. Immunophenotype and tissue structure] Kelényi G, et al. **Morphol Igazsagugyi Orv Sz** 1985 Jul;25(3):162-70 (Eng. Abstr.) **(Hun)**

ENZYMOLOGY

Immunomorphological localization of adenosine deaminase in rat tissues during ontogeny. Chechik BE, et al. **Histochem J** 1985 Feb;17(2):153-70

IMMUNOLOGY

Aging, idiotype repertoire shifts, and compartmentalization of the mucosal-associated lymphoid system. Wade AW, et al. **Adv Immunol** 1984;36:143-88 (256 ref.)

Use of bacteria and yeasts to identify T lymphocytes in peripheral blood and lymphoid tissues of healthy guinea pigs and guinea pigs fed aflatoxin. McLoughlin ME, et al. **Am J Vet Res** 1984 Sep;45(9):1795-9

Lymphadenopathic and oropharyngeal Kaposi's sarcoma in a drug addict with acquired immunodeficiency syndrome. Immunological abnormalities in peripheral blood and lymphoid tissue. Facchetti F, et al. **Appl Pathol** 1984; 2(2):103-9

The mucosal immune system. Sirisinha S. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):281-8 (51 ref.)

Two monoclonal antibodies raised against a Burkitt lymphoma cell line recognise different cell types within lymphoid follicles. Murray LJ, et al. **Clin Exp Immunol** 1985 Feb;59(2):315-26

Immunohistochemical localization of cells reacting with monoclonal antibodies directed against the interleukin-2 receptor of murine, rat and human origin. Takacs L, et al. **Clin Exp Immunol** 1985 Jan;59(1):37-44

Immunoglobulin-secreting cells in various maternal lymphoid tissues during syngeneic and allogeneic murine pregnancy. Mattsson R, et al. **Dev Comp Immunol** 1984 Fall;8(4):921-9

The application of monoclonal antibodies to the characterization and diagnosis of lymphoid neoplasms: a review of recent studies. Knowles DM 2d, et al. **Diagn Immunol** 1983;1(3):142-9

Different importance of primary lymphoid organs for Rous sarcoma regression in inbred lines of chickens. Plachý J, et al. **Folia Biol (Praha)** 1984;30(3):177-88

Immunoglobulin-producing cells in lymphatic tissues of germfree and conventional rabbits as detected by an immunofluorescence method. Stěpánková R, et al. **Folia Microbiol (Praha)** 1985;30(3):291-4

Divergent expression of HLA-DC/MB, -DR, and -SB region products on normal and pathological tissues as detected by monoclonal antibodies. Müller C, et al. **Immunobiology** 1985 Apr;169(3):228-49

Thyroid autoantibody synthesis by lymphocytes from different lymphoid organs: fractionation of B cells on density gradients. Atherton MC, et al. **Immunology** 1985 Jun;55(2):271-9

The heterogeneity of mononuclear phagocytes in lymphoid organs: distinct macrophage subpopulations in the rat recognized by monoclonal antibodies ED1, ED2 and ED3. Dijkstra CD, et al. **Immunology** 1985 Mar;54(3):589-99

Bronchus-associated lymphoid tissue. Bienenstock J. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:62-9

Behaviour of dendritic reticulum cells possessing immunoreactive acid cysteine-proteinase inhibitor in human lymphoid secondary follicles and in follicular-centre cell lymphomas. Alavaikko M, et al. **Int J Cancer** 1985 Mar 15;35(3):319-25

A monoclonal antibody that detects HLA-D region antigen in routinely fixed, wax embedded sections of normal and neoplastic lymphoid tissues. Epenetos AA, et al. **J Clin Pathol** 1985 Jan;38(1):12-7

Polymorphism and tissue distribution of maternally transmitted antigen defined by cytotoxic T lymphocyte lines. Smith R 3d, et al. **J Immunol** 1985 Apr;134(4):2191-7

Regulation by the skin of lymphoid cell recirculation and localization properties. Daynes RA, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):14s-20s (60 ref.)

Circuits and signals of the skin-associated lymphoid tissues (SALT). Streilein JW. **J Invest Dermatol** 1985 Jul;85(1 Suppl):10s-13s

Altered mitogen- and alloantigen-induced lymphoproliferative responses in primary lymphoid organs of pregnant mice. Hoskin DW, et al. **J Reprod Immunol** 1985 Jun;7(4):365-9

Histological changes in rat bronchus-associated lymphoid tissue after administration of five different antigens. van der Brugge-Gamelkoorn GJ, et al. **Respiration** 1985; 48(1):29-36

Gut bacterial endotoxin: influence on gut-associated lymphoreticular tissue and host immune function. McGhee JR, et al. **Surv Immunol Res** 1984;3(4):241-52 (27 ref.)

Quantitation and localization of immunoglobulin E containing cells in bovine lymphoid tissues. Gershwin LJ, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):213-20

Ia+ dendritic cells lining the dermo-epidermal junction in bullous skin disorders, associated with the deposition of immune complexes. Drijkoningen M, et al. **Virchows Arch [A]** 1985;406(3):301-7

[Follicular dendritic cells] Simar LJ. **Bull Mem Acad R Med Belg** 1984;139(10-11):495-506 (Eng. Abstr.) **(Fre)**

[Molecular analysis of the expression of a lymphohemopoietic differentiation antigen] Dellabona P, et al. **Pathologica** 1983; 75 Suppl:66-70 **(Ita)**

[A study of bronchus-associated lymphoid tissue (BALT) in pulmonary delayed type hypersensitivity. Immunological significance of the bronchoalveolar lavage (BAL) fluid in rabbits] Chida K, et al. **Kekkaku** 1985 Jan;60(1):7-22 (Eng. Abstr.) **(Jpn)**

[Cross-reacting antigen of Streptococcus group A and of the strómal fibroblasts of lymphoid organs] Kochetkova EV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):708-10 (Eng. Abstr.) **(Rus)**

INNERVATION

Autonomic nervous system innervation of thymic-related lymphoid tissue in wildtype and nude mice. Bulloch K, et al. **J Comp Neurol** 1984 Sep 1;228(1):57-68

Noradrenergic and peptidergic innervation of lymphoid tissue. Felten DL, et al. **J Immunol** 1985 Aug;135(2 Suppl):755s-765s (73 ref.)

METABOLISM

Uptake of antigens and inert particles by bronchus associated lymphoid tissue (BALT) epithelium in the rat. van der Brugge-Gamelkoorn G, et al. **Cell Biol Int Rep** 1985 Jun; 9(6):524

Two-dimensional gel pattern of proteins synthesized de novo in lymphoid organs of the mouse. Pluschke G, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2043-7

Distribution of fibronectin and laminin in normal and pathological lymphoid tissue. Reilly JT, et al. **J Clin Pathol** 1985 Aug;38(8):849-54

Molybdate-sensitive and molybdate-resistant activation-labile glucocorticoid-receptor mutants of the human lymphoid cell line CEM-C7. Harmon JM, et al. **J Steroid Biochem** 1984 Sep;21(3):227-36

Expression of glandular kallikrein genes in lymphoid and hemopoietic tissues and cell lines. Summers KM, et al. **Lymphokine Res** 1985 Summer;4(3):229-35

[Immunoperoxidase study of normal and pathologic lymphoid tissue. Value of monoclonal antibodies] Delsol G, et al. **Ann Pathol** 1984 Jun-Aug;4(3):165-83 (Eng. Abstr.) **(Fre)**

[Oral administration of streptococcal preparation 'OK 432 (picibanil)'--the second report: experimental studies on its absorption and the responses of the gut associated lymphoid tissue] Nio Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):71-9 (Eng. Abstr.) **(Jpn)**

[Characteristics of serotonin binding by the cells of immunocompetent tissues and synaptosomes] Eliseeva LS, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):210-3 (Eng. Abstr.) **(Rus)**

[Degradation of DNA and chromatin in cells of mouse lymphoid organs after irradiation and PHA administration] Kuvshinov NN, et al. **Radiobiologiia** 1985 Mar-Apr; 25(2):224-7 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Gastric lymphoma versus pseudolymphoma: the importance of immunological differentiation. Lerman-Sagie T, et al. **Am J Gastroenterol** 1985 Oct;80(10):763-6

Severe combined immunodeficiency (SCID) in the mouse. Pathology, reconstitution, neoplasms. Custer RP, et al. **Am J Pathol** 1985 Sep;120(3):464-77

Automated classification of lymphoid cells. Juan J, et al. **Anal Quant Cytol** 1985 Mar;7(1):38-46

Infectious mononucleosis. Appendiceal lymphoid tissue involvement parallels characteristic lymph node changes. O'Brien A, et al. **Arch Pathol Lab Med** 1985 Jul; 109(7):680-2

Pharyngeal lymphoid hyperplasia in Thoroughbred racehorses in training. Auer DE, et al. **Aust Vet J** 1985 Apr;62(4):124-6

Primary lymphoma of Waldeyer's ring. Clinicopathologic study of 68 cases. Saul SH, et al. **Cancer** 1985 Jul 1; 56(1):157-66

Primary malignant lymphoma of the thyroid--a tumour of mucosa-associated lymphoid tissue: review of seventy-six cases. Anscombe AM, et al. **Histopathology** 1985 Jan; 9(1):81-97

Interdigitating and dendritic reticulum cells in chronic active hepatitis. Bardadin KA, et al. **Histopathology** 1984 Jul; 8(4):657-67

Weight reduction of thymus and depletion of lymphocytes of T-dependent areas in peripheral lymphoid tissues of mice infected with Francisella tularensis. Ito M, et al. **Infect Immun** 1985 Sep;49(3):812-8

Observations on the gross changes in the secondary lymphoid organs of mice infected with Nematospiroides dubius. Ali NM, et al. **J Helminthol** 1985 Jun;59(2):167-74

Lymphoid interstitial pneumonia in juvenile rheumatoid arthritis. Lovell D, et al. **J Pediatr** 1984 Dec;105(6):947-50

Follicular lymphoid hyperplasia of the hard palate simulating lymphoma. Harsany DL, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):349-56

[Nodular lymphoid hyperplasia of the duodenum in cancers of the gastrointestinal tract] Tessmann D, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(6):266-9 (Eng. Abstr.) **(Ger)**

[Morphometric findings of a peculiarity in the aging of the lymphatic system] Rother P, et al. **ZFA** 1985 Jan-Feb; 40(1):3-7 (Eng. Abstr.) **(Ger)**

[A histopathologic study of bronchus-associated lymphoid tissue (BALT) in delayed-type hypersensitive reaction of the lung] Hayakawa H, et al. **Kekkaku** 1985 Feb;60(2):65-75 (Eng. Abstr.) **(Jpn)**

[Morphologic changes in the organs of the immune system of stillborn infants and dead newborn infants exposed to antigens] Barkov LA. **Vrach Delo** 1984 Dec;(12):25-8 (Eng. Abstr.) **(Rus)**

[Morphological changes in the lymphatic follicles of the intestines and other organs of immunity in antigenic exposure] Kelsevich LV, et al. **Vrach Delo** 1984 Sep; (9):34-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Peptide hormones shared by the neuroendocrine and immunologic systems. Blalock JE, et al. **J Immunol** 1985 Aug;135(2 Suppl):858s-861s

[Histophysiology of the intestinal epithelium as affected by the lymphoid system] Aparovich GG, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):489-91 (Eng. Abstr.) **(Rus)**

[Morphofunctional restructuring of the nervous system of the lymphoid organs during electrostimulation of the hypothalamus] Klimenko VM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):750-2 (Eng. Abstr.) **(Rus)**

[Mechanism of the poststimulation inhibition of the lymphatic center in the frog] Serbeniuk TsV, et al. **Fiziol Zh SSSR** 1984 Sep;70(9):1338-43 (Eng. Abstr.) **(Rus)**

[Muscle tissue regeneration of the lymph hearts in adult Rana temporaria frogs. A study by light and electron microscopy autoradiography methods] Markozashvili MI, et al. **Tsitologiia** 1984 Oct;26(10):1103-10 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Total lymphoid irradiation in chronic progressive multiple sclerosis. A preliminary report. Hafstein MP, et al. **Ann NY Acad Sci** 1984;436:397-409

Potential of 109Pd-labeled lymphocytes for selective lymphatic ablation. Fawwaz RA, et al. **Nuklearmedizin** 1984 Dec;23(6):333-5

Kidney allograft tolerance in diabetic patients after total lymphoid irradiation (TLI). Ang KK, et al. **Radiother Oncol** 1985 Apr;3(3):193-9

Treatment of intractable rheumatoid arthritis with total lymphoid irradiation (TLI): immunological and clinical changes. Strober S, et al. **Radiother Oncol** 1983 Aug; 1(1):43-52

Total lymphoid irradiation in canine pancreatic allograft recipients. Stewart GJ, et al. **Transplant Proc** 1985 Apr; 17(2):1731-3

Functional clonal deletion versus active suppression in transplantation tolerance induced by total-lymphoid irradiation. Morecki S, et al. **Transplantation** 1985 Aug; 40(2):201-10

Selective lymphoid irradiation. VI. Effect of palladium-109-labeled lymphocytes on rat cardiac allograft survival. Oluwole S, et al. **Transplantation** 1985 Aug; 40(2):146-50

[Therapeutic effect of total lymphoid irradiation in the SLE symptoms in the NZB/W F1 mouse] Ogawa H, et al. **Nippon Rinsho** 1985 Jan;43(1):180-4 **(Jpn)**

SURGERY

Influence of antecedent lymphoid surgery on the odds of acquiring rheumatoid arthritis. Fernandez-Madrid F, et al. **J Rheumatol** 1985 Feb;12(1):43-8

ULTRASTRUCTURE

Intercellular spaces in the lymph nodule associated epithelium of the rabbit Peyer's patch and appendix. Ogawa K, et al. **Arch Histol Jpn** 1985 Feb;48(1):53-67

Organization of lymphoid tissue in the tonsilla lingualis. An ultrastructural study in Macaca fascicularis (Primates, Cercopithecoidea). Nair PN, et al. **Cell Tissue Res** 1985; 240(1):233-42

Architecture of associations of minor salivary gland ducts and lymphoid follicles in Macaca fascicularis. An ultrastructural study. Nair PN, et al. **Cell Tissue Res** 1985; 240(1):223-32

Non-lymphoid cells of bronchus-associated lymphoid tissue of the rat in situ and in suspension. With special reference to interdigitating and follicular dendritic cells. van der Brugge-Gamelkoorn GJ, et al. **Cell Tissue Res** 1985; 239(1):177-82

The origin of follicular dendritic cells in the mouse and the mechanism of trapping of immune complexes on them. Humphrey JH, et al. **Eur J Immunol** 1984 Sep;14(9):859-64

Ultrastructural identification of Ia positive dendritic cells in the lactating rat mammary gland. Joshi K, et al. **Virchows Arch [A]** 1985;406(1):17-25

LYMPHOKINES

Inhibition of lymphocyte proliferation by sera from rectally inseminated male rabbits. Witkin SS, et al. **Ann NY Acad Sci** 1984;437:503-7

Lymphokines, monokines, and other cytokines. Nelson DS, et al. **Aust NZ J Med** 1985 Apr;15(2):285-90

Blast lymphocyte transformation (LTT), rosette (E-RFC) and leukocyte migration inhibition (MIF) tests in persons exposed to the action of lead during work. Report II. Jaremin B. **Bull Inst Marit Trop Med Gdynia** 1983; 34(3-4):189-97

Lymphokine-like activity of a strain of Mycoplasma arginini. Ruuth E, et al. **Isr J Med Sci** 1984 Sep;20(9):886-90

Macrophage activation for microbicidal activity against Leishmania major: inhibition of lymphokine activation by phosphatidylcholine-phosphatidylserine liposomes. Gilbreath MJ, et al. **J Immunol** 1985 May;134(5):3420-5

MIF-like activity of natural and recombinant human interferon-gamma and their neutralization by monoclonal antibody. Thurman GB, et al. **J Immunol** 1985 Jan; 134(1):305-9

Abnormal production of and response to B-cell growth factor and B-cell differentiation factor in patients with systemic lupus erythematosus. Hirose T, et al. **Scand J Immunol** 1985 Feb;21(2):141-50

[Chemical and functional characterization of lymphokines] Sorg C, et al. **Allerg Immunol (Leipz)** 1984;30(3):159-68 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Intracellular activation of human and rodent macrophages by human lymphokines encapsulated in liposomes. Kleinerman ES, et al. **J Leukocyte Biol** 1985 May; 37(5):571-84

ANALYSIS

Human cells allosensitized in vitro release soluble suppressor factors: presence of at least two distinct factors. Bensussan A, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr; 136C(2):211-23

The effects of Amicon and millipore membranes upon the lymphokine titres of culture supernatants. Attridge SR, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):547-50

Differentiation antigens in acute leukaemia. Reen DJ. **Biochem Soc Trans** 1985 Apr;13(2):420-2

Distribution of a new B-cell-associated surface antigen (BL7) detected by a monoclonal antibody in human leukemic disorders. Al-Katib A, et al. **Cancer Res** 1985 Jul; 45(7):3058-63

Leukoregulin, a direct-acting anticancer immunological hormone that is distinct from lymphotoxin and interferon. Ransom JH, et al. **Cancer Res** 1985 Feb;45(2):851-62

Attempts to characterize the T-cell population and lymphokine involved in the activation of macrophage oxygen metabolism in murine listeriosis. Kaufmann SH, et al. **Cell Immunol** 1984 Oct 15;88(2):545-50

Detection and partial characterization of human B cell colony stimulating activity in synovial fluids of patients with rheumatoid arthritis. Fay AC, et al. **Clin Exp Immunol** 1985 May;60(2):316-22

A human B cell differentiation antigen selectively expressed on mature B cells identified by a monoclonal antibody (HB-2). Abo T, et al. **Hum Immunol** 1985 Aug;13(4):253-64

Detection of antigen-specific suppressor T cell factor by sandwich radioimmunoassay using two monoclonal antibodies with different specificities. Suzuki N, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):300-7

An examination of the TRF assay reveals a heterogeneity of TRF-like activities. Eisenberg L. **J Immunol** 1985 Jun; 134(6):3920-5

Investigations into the nature of Igh-V region-restricted T cell interactions by using antibodies to antigens on methylcholanthrene-induced sarcomas. I. Analysis of an Igh-V-restricted suppressor-inducer factor. Flood PM. **J Immunol** 1985 Mar;134(3):1665-72

Relationship among IgE-binding factors with various molecular weights. Jardieu P, et al. **J Immunol** 1985 Oct; 135(4):2727-34

Humoral factors in very young NZB mice that enhance the maturation of normal B cell precursors. Partial purification and characterization. Jyonouchi H, et al. **J Immunol** 1985 Sep;135(3):1891-9

Physicochemical and functional properties of murine B cell-derived B cell growth factor II (WEHI-231-BCGF-II). Nakajima K, et al. **J Immunol** 1985 Aug;135(2):1207-12

Preliminary characterization of human T cell suppressor factor (HTsF) isolated from tonsil cells by monoclonal antibody immunoadsorbence. Steele JK, et al. **J Immunol** 1985 Aug;135(2):1201-6

Cellular immunity to sperm in infertile women. McShane PM, et al. **JAMA** 1985 Jun 28;253(24):3555

B cell-specific immunoregulatory factors: development of bioassays for growth and differentiation-promoting activities. Altman A. **Lymphokine Res** 1982;1(3):69-72

A high-efficiency cloning system for single hapten-specific B lymphocytes that is suitable for assay of putative growth and differentiation factors. Pike BL, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3395-9

Characterization of two murine monoclonal antibodies reactive with human B cells. Their use in a high-yield, high-purity method for isolation of B cells and utilization of such cells in an assay for B-cell stimulating factor. Smeland E, et al. **Scand J Immunol** 1985 Mar;21(3):205-14

Heterogeneity of macrophage-activating factors (MAFs) and their effects in vivo. Krammer PH, et al. **Symp Fundam Cancer Res** 1984;37:193-7

[Is the histamine-producing cell stimulating factor (HCSF) identical to interleukin 3 (IL-3)?] Dy M, et al. **C R Acad Sci [III]** 1985;300(14):513-8 (Eng. Abstr.) **(Fre)**

[Lymphokine determination in psoriasis scale extracts] Westphal HJ, et al. **Dermatol Monatsschr** 1984; 170(11):705-14 (Eng. Abstr.) **(Ger)**

[Studies of the mechanisms of human B cell activation. III. Development of an assay system for human B cell differentiation factors (BCDF) and identification of BCDF-producing T cell subsets] Suzuki N, et al. **Arerugi** 1984 Nov;33(11):963-9 (Eng. Abstr.) **(Jpn)**

[Studies of the mechanisms of human B cell activation. I. Development of an assay system for human B cell growth factors (BCGF) and identification of BCGF-producing T cell subsets] Ueda Y, et al. **Arerugi** 1984 Oct;33(10):859-67 (Eng. Abstr.) **(Jpn)**

[Abnormal phenotype of a chronic lymphatic leukemia: presence of T and B markers defined by monoclonal antibodies] Gómez Morales M, et al. **Sangre (Barc)** 1985; 30(3):348-54 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

The appearance of eosinophil-directed chemotactic inhibitory factor in the serum of complete Freund's adjuvant-treated guinea pigs. Hirashima M, et al. **Cell Immunol** 1984 Nov;89(1):113-21

Prevention of leukocyte migration inhibitory factor activity by glucagon. Pereţianu D, et al. **Med Interne** 1985 Jan-Mar; 23(1):63-6

Inhibition of soluble immune response suppressor activity by growth factors. Aune TM. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6260-4

BIOSYNTHESIS

Inhibition of protein synthesis and lymphokine production by tetracycline. Ganguly R, et al. **Allerg Immunol (Leipz)** 1984;30(2):104-9

Stimulation and killing of bovine mononuclear leukocytes by bacterial lipopolysaccharide (endotoxin). Banks KL, et al. **Am J Vet Res** 1985 Jul;46(7):1568-72

Lymphoid abnormalities in rats with adjuvant-induced arthritis. I. Mitogen responsiveness and lymphokine synthesis. Gilman SC, et al. **Ann Rheum Dis** 1984 Dec; 43(6):847-55

Lymphokine production and lymphocyte subpopulations in patients with head and neck squamous carcinoma. Wolf GT, et al. **Arch Otolaryngol** 1984 Nov;110(11):731-5

Induction of suppressor T cells of immunoglobulin production by alpha-foetoprotein in an in vitro human system. Shinomiya N, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):186-90

Production and purification of monoclonal T lymphocyte antigen binding molecules (TABM). Beaman KD, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):475-83

Lymphokine abnormalities in aplastic anemia: implications for the mechanism of action of antithymocyte globulin. Gascon P, et al. **Blood** 1985 Feb;65(2):407-13

Production of multiple cytokines by clones of human large granular lymphocytes. Allavena P, et al. **Cancer Immunol Immunother** 1985;19(2):121-6

Production of lymphokines affecting tumor cells by T-T hybridomas. Cohen MC, et al. **Cell Immunol** 1985 Jul; 93(2):541-8

Strain variation of lymphokine production and specific antibody secretion in mice infected with Mycobacterium lepraemurium. Hoffenbach A, et al. **Cell Immunol** 1985 Mar;91(1):1-11

Human B-cell-stimulatory-factor production by both T4+ and T8+ lymphocytes. Schwarting R, et al. **Cell Immunol** 1984 Oct 1;88(1):41-8

Development and characterization of interleukin-2-independent antigen-specific human T cell clones that produce multiple lymphokines. Volkman DJ, et al. **Cell Immunol** 1984 Oct 15;88(2):323-35

A murine cell line (2E10.4.13) produces five hemopoietic stimulators, and interleukin-2 and interleukin-3. Kajigaya S, et al. **Cell Struct Funct** 1985 Jun;10(2):121-31

Comparative study of 3 aminoglycoside antibiotics and aztreonam on M.I.F. production by splenic lymphocytes of mice in vitro. Said HE, et al. **Chemioterapia** 1984 Aug; 3(4):232-4

Suppressor T cells and soluble suppressor factors in allergy: effect of immunotherapy. Kesarwala HH, et al. **Clin Allergy** 1984 Nov;14(6):519-24

New lymphokines produced by SLE sera stimulated lymphocytes: the PNAF (polymorphonuclear activating factors). Labro-Bryskier MT, et al. **Clin Exp Immunol** 1985 Feb;59(2):442-8

Phenotypic and functional heterogeneity of human T lymphocytes producing B-cell growth factor(s): a clonal analysis. Maggi E, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):168-75

Amphibian lymphokines: 2. Migration inhibition factor produced by antigenic and mitogenic stimulation of amphibian leucocytes. Gearing A, et al. **Dev Comp Immunol** 1985 Spring;9(2):291-300

Amphibian lymphokines: 1. Leucocyte chemotactic factors produced by amphibian spleen cells following antigenic and mitogenic challenge in vitro. Gearing A, et al. **Dev Comp Immunol** 1985 Spring;9(2):281-90

Immunity to herpes simplex virus type 2. V. Risk of recurrent disease following primary infection: modulation of T-cell subsets and lymphokine (LIF) production. Sheridan JF, et al. **Diagn Immunol** 1983;1(3):245-56

Production and characterization of monoclonal anti-Thy-1 antibodies that stimulate lymphokine production by cytolytic T cell clones. MacDonald HR, et al. **Eur J Immunol** 1985 May;15(5):495-501

Frequent coexpression of cytolytic activity and lymphokine production among human T lymphocytes. Production of B cell growth factor and interleukin 2 by T8+ and T4+ cytolytic clones. Mingari MC, et al. **Eur J Immunol** 1984 Nov;14(11):1066-9

Cyclosporin A inhibits antigen- and lectin-induced but not constitutive production of interleukin 3. Palacios R. **Eur J Immunol** 1985 Feb;15(2):204-6

Immunoregulation by mouse T cell clones. III. Cloned H-Y-specific cytotoxic T cells secrete a soluble mediator(s) that inhibits cytotoxic responses by acting on both Lyt-2- and L3T4- lymphocytes. Simon MM, et al. **Eur J Immunol** 1985 Aug;15(8):773-83

Production of IgE-potentiating factor in man by T cell lines bearing Fc receptors for IgE. Young MC, et al. **Eur J Immunol** 1984 Oct;14(10):871-8

Interaction of 3-deaza-adenosine, a phospholipid methyltransferase inhibitor, on the production of pluripoietins from human peripheral T cells. Fauser AA, et al. **Exp Hematol** 1985 May;13(4):299-303

The effect of mouse erythrocyte rosette forming lymphocytes on lymphokine production in T-cell cultures. Dobozy A, et al. **Experientia** 1984 Dec 15;40(12):1403-4

Antigen-induced production of lymphokines by human T cell clones specific for hepatitis B surface antigen. Celis E, et al. **Hum Immunol** 1984 Dec;11(4):229-37

Production of lymphokines and interferon by immune cells involved in recovery of mice from herpes simplex virus type 2 hepatitis. Iannello D, et al. **Immunobiology** 1985 May; 169(4):412-23

Translation of human macrophage activating factor (for glucose consumption) mRNA in Xenopus laevis oocytes. Ishii Y, et al. **Immunol Invest** 1985 Apr;14(2):95-103

Leukocyte migration inhibitory factor production by activated lymphocytes representing immunological memory or virus-receptor interaction: response of T cell subsets to Epstein-Barr virus nuclear antigen, response of B cells to UV inactivated Epstein-Barr virus. Szigeti R, et al. **Immunol Lett** 1985;9(5):267-73

Production of a lymphocyte proliferation potentiating factor by purified polymorphonuclear leucocytes from mice and rabbits. Goto F, et al. **Immunology** 1984 Dec;53(4):683-92

The regulation of tissue eosinophilia. III. In vitro production of eosinophil-directed chemotactic inhibitory factor by T lymphocytes of complete Freund's adjuvant-treated guinea-pigs. Tashiro K, et al. **Immunology** 1985 May; 55(1):115-24

Production of macrophage-activating and migration-inhibition factors in vitro by serologically selected and cloned Listeria monocytogenes-specific T cells of the Lyt 1+2- phenotype. Sperling U, et al. **Infect Immun** 1984 Oct;46(1):111-5

Suppression of B-cell and T-cell responses by the prostaglandin-induced T-cell-derived suppressors (PITS)--III. Production of PITS beta factors from T-cell hybridomas. Rogers TJ, et al. **Int J Immunopharmacol** 1985; 7(1):153-6

Human B lymphoma cell line producing B cell growth factor. Ambrus JL Jr, et al. **J Clin Invest** 1985 Feb;75(2):732-9

A human T cell lymphoma secreting an immunoglobulin E specific helper factor. Young MC, et al. **J Clin Invest** 1985 Jun;75(6):1977-82

Isotype-specific immunoregulation. IgA-binding factors produced by Fc alpha receptor-positive T cell hybridomas regulate IgA responses. Kiyono H, et al. **J Exp Med** 1985 Apr 1;161(4):731-47

T cell development in B cell-deficient mice. II. Serological characterization of suppressor T cell factors (TsF1) produced in normal mice and in mice treated chronically with rabbit anti-mouse IgM antibodies. Sy MS, et al. **J Exp Med** 1985 Jun 1;161(6):1402-13

Cyclosporine therapy of rat heart allograft recipients and release of interleukins (IL 1, IL 2, IL 3): a role for IL 3 in graft tolerance? Abbud-Filho M, et al. **J Immunol** 1984 Nov;133(5):2582-6

Interleukin 1 production by the human monocyte cell line U937 requires a lymphokine induction signal distinct from interleukin 2 or interferons. Amento EP, et al. **J Immunol** 1985 Jan;134(1):350-7

Effects of immune complexes on production by human monocytes of interleukin 1 or an interleukin 1 inhibitor. Arend WP, et al. **J Immunol** 1985 Jun;134(6):3868-75

Production of the lymphokine soluble immune response suppressor (SIRS) during chronic experimental schistosomiasis mansoni. Aune TM, et al. **J Immunol** 1985 Oct;135(4):2768-71

Different antigen-presenting cells differ in their capacity to induce lymphokine production and proliferation of an apo-cytochrome c-specific T cell clone. Baumhüter S, et al. **J Immunol** 1985 Aug;135(2):989-94

Stimulated rat T cell-derived inhibitory factor for cellular DNA synthesis (STIF). II. Kinetics of the production and characterization of the producer. Chiba K, et al. **J Immunol** 1985 Feb;134(2):1026-31

Characterization of a T4+/Leu-8+ T cell clone that directly helps B cell Ig production by secreting B cell differentiation factor. Goldstein H, et al. **J Immunol** 1985 Jul;135(1):339-43

Augmentation of macrophage complement receptor function in vitro. V. Studies on the mechanisms of ligation of macrophage Fc receptors required to trigger macrophages to signal T lymphocytes to elaborate the lymphokine that activates macrophage C3 receptors for phagocytosis. Griffin FM Jr, et al. **J Immunol** 1985 Jul;135(1):344-9

Presence of an antigen-specific T cell subset that forms IgE-suppressive factor and IgG-suppressive factor on antigenic stimulation. Jardieu P, et al. **J Immunol** 1985 Aug; 135(2):922-9

IgE-binding factors from mouse T lymphocytes. III. Role of antigen-specific suppressor T cells in the formation of IgE-suppressive factor. Jardieu P, et al. **J Immunol** 1984 Dec;133(6):3266-73

Regulation of lymphokine production by arginine vasopressin and oxytocin: modulation of lymphocyte function by neurohypophyseal hormones. Johnson HM, et al. **J Immunol** 1985 Aug;135(2 Suppl):773s-775s

Interleukin 1 (IL 1)-dependent lymphokine production by human leukemic T cell line HSB.2 subclones. Kasahara T, et al. **J Immunol** 1985 Mar;134(3):1682-9

Production of interleukin 3 and gamma-interferon by an antigen-specific mouse suppressor T cell clone. Koyasu S, et al. **J Immunol** 1985 May;134(5):3130-6

Suppressor T cell circuits in contact sensitivity. II. Induction and characterization of an efferent-acting, antigen-specific, H-2-restricted, monoclonal T cell hybrid-derived suppressor factor specific for DNFB contact hypersensitivity. Miller SD. **J Immunol** 1984 Dec; 133(6):3112-20

Recipient micro-environment does not dictate the Igh-V restriction specificity of T cell suppressor inducer factor (TsiF) from allogeneic bone marrow chimera in mice. Noguchi M, et al. **J Immunol** 1985 Oct;135(4):2557-61

Retrovirus-mediated immunosuppression. II. FeLV-UV alters in vitro murine T lymphocyte behavior by reversibly impairing lymphokine secretion. Orosz CG, et al. **J Immunol** 1985 Jul;135(1):583-90

Production of B cell growth factor by a Leu-7+, OKM1+ non-T cell with the features of large granular lymphocytes (LGL). Pistoia V, et al. **J Immunol** 1985 May; 134(5):3179-84

Immortalization of BGDF (BCGF II)- and BCDF-producing T cells by human T cell leukemia virus (HTLV) and characterization of human BGDF (BCGF II). Shimizu K, et al. **J Immunol** 1985 Mar;134(3):1728-33

Production of soluble suppressor factor by spleen cells from mice immunized with type III pneumococcal polysaccharide. Taylor CE, et al. **J Immunol** 1985 Oct; 135(4):2551-6

Human lymphocyte differentiation antigens HB-10 and HB-11. II. Differential production of B cell growth and differentiation factors by distinct helper T cell subpopulations. Tedder TF, et al. **J Immunol** 1985 May; 134(5):2989-94

Human T cell leukemia/lymphoma virus-infected antigen-specific T cell clones: indiscriminant helper function and lymphokine production. Volkman DJ, et al. **J Immunol** 1985 Jun;134(6):4237-43

Mechanism of action of thymosin. I. Thymosin fraction 5 increases lymphokine production by mature murine T cells responding in a mixed lymphocyte reaction. Zatz MM, et al. **J Immunol** 1985 Feb;134(2):1032-8

Establishment of stable human T-T hybridomas. Kouttab N, et al. **J Immunol Methods** 1985 Feb 28;77(1):165-72

Human mononuclear cells exposed to staphylococci rapidly produce an inhibitor of neutrophil chemotaxis. Donabedian H. **J Infect Dis** 1985 Jul;152(1):24-32

Leukocyte migration inhibition in recurrent aphthous ulceration. Gadol N, et al. **J Oral Pathol** 1985 Feb; 14(2):121-32

Production of soluble suppressor factors by herpes simplex virus-stimulated splenocytes from herpes simplex virus-immune mice. Horohov DW, et al. **J Virol** 1985 Jun; 54(3):798-803

Impairment of macrophage activating factor (MAF) production in lymphocytes from cancer patients. Cameron DJ. **Jpn J Exp Med** 1985 Feb;55(1):13-9

Establishment of T cell hybridomas which produce suppressor factors specific to the hen egg-white lysozyme (HEL). Nagatani T, et al. **Jpn J Exp Med** 1984 Feb; 54(1):1-8

Possible participation of cholestatic factor in the pathogenesis of intrahepatic cholestasis in alcoholic liver disease. Mizoguchi Y, et al. **Jpn J Med** 1985 May;24(2):135-40

Induction of T cell proliferation and lymphokine production by monoclonal antibody. Chang TW. **Lymphokine Res** 1982;1(1):5-8

The effects of sodium butyrate on lymphokine production. Le Gros GS, et al. **Lymphokine Res** 1985 Summer; 4(3):221-7

A subclone of the CEM cell line produces human B cell growth factor activity. Ligler FS. **Lymphokine Res** 1984 Summer;3(4):183-91

Expression of glandular kallikrein genes in lymphoid and hemopoietic tissues and cell lines. Summers KM, et al. **Lymphokine Res** 1985 Summer;4(3):229-35

Constitutive production of phagocytosis inducing factor(s) in a monocyte/macrophage lineage cell line (THP-1) by retrovirus-transformed human T cell lines. Hinuma S, et al. **Microbiol Immunol** 1984;28(8):935-47

Lymphocyte proliferation, lymphokine production, and lymphocyte receptors in ageing and various clinical conditions. de Weck AL, et al. **Springer Semin Immunopathol** 1984;7(4):273-89 (114 ref.)

No demonstrable association between HLA DR4 and in vitro collagen reactivity as determined by the production of leukocyte inhibition factor. Ström H, et al. **Tissue Antigens** 1984 Sep;24(3):174-83

Influence of in vivo immunosuppressive drugs on production of lymphokines. Dupont E, et al. **Transplantation** 1985 Feb; 39(2):143-7

Differential requirements for class II MHC antigen in human T cell activation. Goeken NE, et al. **Transplantation** 1984 Dec;38(6):714-9

[Effect of gamma-ray irradiation, DNA and protein synthesis inhibitors on the generation of soluble suppressor factors by mononuclear leukocytes] Shen HD, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):207-13 (Eng. Abstr.) **(Chi)**

[Lymphokine production in vitro by blood lymphocytes from patients with a defective or hyperactive immune system] Gronewold P, et al. **Immun Infekt** 1984 Nov;12(6):287-97 (Eng. Abstr.) **(Ger)**

[Production of the leukocyte inhibitory factor (LIF) by peripheral blood lymphocytes in vitro and LIF-like plasma activity in paraproteinemic patients] Puppo F, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):394-402 (Eng. Abstr.) **(Ita)**

[Lectin-inducible cell cytotoxicity and the production of the cytotoxic factor of natural killer cells during immobilization stress in mice] Sukhikh GT, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):51-3 (Eng. Abstr.) **(Rus)**

BLOOD

The use of glycogen-induced guinea pig polymorphonuclear leukocytes to detect inhibitors of chemotaxis found in human serum. Judd RC, et al. **Diagn Immunol** 1985;3(1):1-6

Depression of lymphocyte reactivity by serum from patients with dilated cardiomyopathy. Franceschini R, et al. **Int J Cardiol** 1984 Oct;6(4):431-44

Clinical and immunological characterization of systemic lupus erythematosus in patients with circulating interferon and migration inhibitory factor. Rovenský J, et al. **Int J Clin Pharmacol Res** 1984;4(6):465-8

[Studies on vascular permeability factor induced by bacterial endotoxin in rabbits] Hasegawa R, et al. **Eisei Shikenjo Hokoku** 1984;(102):90-4 (Eng. Abstr.) **(Jpn)**

DEFICIENCY

[Immunological studies on mucocutaneous lymphnode syndrome (Kawasaki disease). I. Plasma inhibitory factor(s) against blastic transformation of lymphocytes--a lack of plasma inhibitory factor(s) against blastic transformation of lymphocytes exposed to streptolysin O] Wakiguchi H, et al. **Arerugi** 1984 Nov;33(11):978-84 (Eng. Abstr.) **(Jpn)**

GENETICS

Biologic properties of molecularly cloned and expressed murine interleukin-3. Hapel AJ, et al. **Blood** 1985 Jun; 65(6):1453-9

Cloning and nucleotide sequence of the murine interleukin-3 gene. Campbell HD, et al. **Eur J Biochem** 1985 Jul 15; 150(2):297-304

Lymphokines and interleukins emerge from the primeval soup. Feldmann M. **Nature** 1985 Jan 31-Feb 6; 313(6001):351-2

Molecular characterization and expression of the gene encoding human erythroid-potentiating activity. Gasson JC, et al. **Nature** 1985 Jun 27-Jul 3;315(6022):768-71

Human B-cell cytotoxic lymphokine priority [letter] Karpas A. **Nature** 1985 Feb 21-27;313(6004):636

I-J as an idiotype of the recognition component of antigen-specific suppressor T-cell factor. Sumida T, et al. **Nature** 1985 Aug 22-28;316(6030):738-41

Identification of an IgE-binding protein by molecular cloning. Liu FT, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4100-4

cDNA clones encoding IgE-binding factors from a rat-mouse T-cell hybridoma. Martens CL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2460-4

Structure of the chromosomal gene for murine interleukin 3. Miyatake S, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):316-20

Evidence for an intracellular precursor for human B-cell growth factor. Sahasrabuddhe CG, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7902-6

Novel B-cell maturation factor from spontaneously autoimmune viable motheaten mice. Sidman CL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7199-202

IMMUNOLOGY

The mechanism of leukoregulin enhancement of target cell susceptibility to NK cell mediated cytotoxicity in humans. Ransom JH, et al. **Adv Exp Med Biol** 1985;184:281-7

Impaired responsiveness to B cell growth factor in a patient with common variable hypogammaglobulinemia. Perri RT, et al. **Blood** 1985 Aug;66(2):345-9

Chemoattractant lymphokines specific for the helper/inducer T-lymphocyte subset. Berman JS, et al. **Cell Immunol** 1985 Oct 1;95(1):105-12

Regulation of human cytotoxic T-lymphocyte responses by a soluble suppressor factor. Crosier PS, et al. **Cell Immunol** 1985 Oct 1;95(1):54-64

Characterization of normal peripheral blood T- and B-cell colony-forming cells: growth factors(s) and accessory cell requirements for their in vitro proliferation. Georgoulias V, et al. **Cell Immunol** 1985 Jan;90(1):1-13

The appearance of eosinophil-directed chemotactic inhibitory factor in the serum of complete Freund's adjuvant-treated guinea pigs. Hirashima M, et al. **Cell Immunol** 1984 Nov;89(1):113-21

Preliminary characterization of a soluble immunosuppressive molecule from DBA/2 spleen cells using monoclonal antibody immunoadsorbence. Steele JK, et al. **Cell Immunol** 1985 Feb;90(2):303-13

Antigen-dependent heterogeneity of human migration inhibitory factor. Weiser WY, et al. **Cell Immunol** 1985 Jul;93(2):532-40

Antigen-specific augmentation factor involved in murine delayed-type footpad reaction. I. Nature of augmentation factor. Yamada A, et al. **Cell Immunol** 1984 Oct 1; 88(1):184-92

Inhibition of interleukin-2 production by adherent cell factors from lepromatous leprosy patients. Nath I, et al. **Clin Exp Immunol** 1984 Dec;58(3):531-8

B cell growth factor activity of immunoaffinity-purified and recombinant human interleukin 2. Mingari MC, et al. **Eur J Immunol** 1985 Feb;15(2):193-6

B-cell neoplasms of the lymphocytic, lymphoplasmacytoid, and plasma cell types: immunohistologic analysis and clinical correlation. Harris NL, et al. **Hum Pathol** 1985 Aug;16(8):829-37

A two-chain tumour-related suppressor factor specific for a sequence antigen. Koppi-Reynolds TA, et al. **Immunol Lett** 1984;8(4):219-25

'I-J' as an idiotypic marker on the antigen-specific suppressor T cell factor. Taniguchi M, et al. **Immunol Rev** 1985 Apr; 83:125-50 (53 ref.)

Equivalence of conventional anti-picryl T suppressor factor in the contact sensitivity system and monoclonal anti-NP TsF3: their final non-specific effect via the T acceptor cell. Asherson GL, et al. **Immunology** 1984 Nov;53(3):491-7

The relationship between secreted and cell surface antigen-binding molecules synthesized by T cells. I. Function-related isotypic determinants on T cells defined by antisera to antigen-specific helper and suppressor factors. Culbert EJ, et al. **Immunology** 1984 Nov; 53(3):481-90

Stimulation of interleukin-3 dependent cell growth by specific antibody. Kinnaird A, et al. **Immunology** 1985 Jul;

55(3):457-61

Lymphocyte chemotaxis in inflammation. X. Heterogeneity of chemotactic responsiveness in human T subsets towards lymphocyte chemotactic factors from delayed hypersensitivity reaction site. Mibu Y, et al. **Immunology** 1985 Jul;55(3):473-9

In vitro synthesis of IgE by human lymphocytes. II. Enhancement of the spontaneous IgE synthesis by IgE-binding factors secreted by RPMI 8866 lymphoblastoid B cells. Sarfati M, et al. **Immunology** 1984 Oct;53(2):197-205

In vitro synthesis of IgE by human lymphocytes. IV. Suppression of the spontaneous IgE synthesis by IgE-binding factors secreted by tunicamycin-treated RPMI 8866 cells. Sarfati M, et al. **Immunology** 1984 Dec; 53(4):783-90

A novel lymphokine derived from human IgG Fc receptor-bearing B cells: its suppressive effect on activated T and B lymphocytes including tumour cells in vitro. Suzuki T, et al. **Immunology** 1985 Jul;55(3):427-36

Factors influencing human IgE synthesis in vitro and in vivo. de Weck AL, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):38-44

IgE-binding factors. Selective regulation of the IgE response by T cell factors. Ishizaka K, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):13-20

The IgE antibody system is coordinately regulated by FcR epsilon-positive lymphoid cells and IgE-selective soluble factors. Katz DH. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):21-5

Secretion of IgE-specific potentiating factors by human Fc epsilon R+ T cell lines. Leung DY, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):232-4

Production and characterization of antisera against guinea pig macrophage activating factor. Peck R, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):361-7

Regulation of human IgE response by T cells and their products. Suemura M, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):26-31

Natural cytotoxicity of human blood monocytes and natural killer cells and their cytotoxic factors: discriminating effects of actinomycin D. Uchida A, et al. **Int J Cancer** 1985 May 15;35(5):691-9

Selective inhibition of growth factor-dependent human B cell proliferation by monoclonal antibody AB1 to an antigen expressed by activated B cells. Jung LK, et al. **J Exp Med** 1984 Dec 1;160(6):1919-24

Generation of anti-peptide monoclonal antibodies which recognize mature CSF-2 alpha (IL 3) protein. Conlon PJ, et al. **J Immunol** 1985 Jul;135(1):328-32

The mechanism of tumor growth inhibition by tumor-specific Lyt-1+2-T cells. I. Antitumor effect of Lyt-1+2-T cells depends on the existence of adherent cells. Fujiwara H, et al. **J Immunol** 1985 Sep;135(3):2187-91

Orderly expression of B cell antigens during the in vitro differentiation of nonmalignant human pre-B cells. Hokland P, et al. **J Immunol** 1985 Sep;135(3):1746-51

Lymphokine-mediated induction of cytolytic activity in a T cell hybridoma. Kanagawa O, et al. **J Immunol** 1985 Jan;134(1):397-403

Interleukins 2 and 3 regulate the in vitro proliferation of two distinguishable populations of 20-alpha-hydroxysteroid dehydrogenase-positive cells. Keller JR, et al. **J Immunol** 1985 Sep;135(3):1864-71

Clonal analysis of B cell growth and differentiation activities induced from T lymphocytes upon triggering of T3-Ti and T11 pathways. Milanese C, et al **J Immunol** 1985 Sep; 135(3):1884-90

Studies on macrophage-activating factor (MAF) in antitumor immune responses. I. Tumor-specific Lyt-1+2- T cells are required for producing MAF able to generate cytolytic as well as cytostatic macrophages. Nakajima H, et al. **J Immunol** 1985 Sep;135(3):2199-205

Monoclonal antibodies specific for single chain or two chain GAT-specific suppressor factors: production and analysis of in vitro modulating properties. Sorensen CM, et al. **J Immunol** 1985 Jul;135(1):362-7

The B cell surface molecule B1 is functionally linked with B cell activation and differentiation. Tedder TF, et al. **J Immunol** 1985 Aug;135(2):973-9

Evaluation of lymphocyte differentiation in primary and secondary immunodeficiency diseases. Tedder TF, et al **J Immunol** 1985 Sep;135(3):1786-91

Isolation of polyclonal monospecific anti HuIFN-gamma antibodies from an antiserum directed against human IFN-gamma and lymphokines. Stefanos S, et al. **J Interferon Res** 1985 Winter;5(1):39-43

Lymphokine/monokine inhibition of fibroblast proliferation and collagen production: role in progressive systemic sclerosis (PSS). Duncan MR, et al. **J Invest Dermatol** 1984 Nov;83(5):377-84

Circulating and mesangial secretory component-binding IgA-1 in primary IgA nephropathy. Valentijn RM, et al. **Kidney Int** 1984 Nov;26(5):760-6

Impaired lymphokine-activated killer-cell activity in patients with hypogammaglobulinaemia [letter] Gao L, et al. **Lancet** 1985 Aug 10;2(8450):340

Interleukins for B lymphocytes. Howard M, et al **Lymphokine Res** 1982;1(1):1-4

Suppressor cell induction factor: a new mediator released by stimulated human lymphocytes and distinct from previously described lymphokines. Kasakura S. **Lymphokine Res** 1985 Winter;4(1):31-7

Interferon gamma: more than a MAF. Peters PM, et al. **Lymphokine Res** 1985 Summer;4(3):265-73

Dependence of T-cell-replacing factor and immunogenic dose for the production of monoclonal antibodies using the in vitro immunization technique. Borrebaeck CA. **Mol Immunol** 1984 Oct;21(10):841-5

Activation of macrophages by lymphokines from T-cell clones: evidence for different macrophage-activating factors. Gemsa D, et al. **Mol Immunol** 1984 Dec; 21(12):1267-76

Variable regions of antibodies to synthetic polypeptides--I. Characterization of an idiotope expressed on antibodies and T-cell factors. Pincus SH, et al. **Mol Immunol** 1985 Apr; 22(4):455-61

Production of a monoclonal antibody to and molecular characterization of B-cell stimulatory factor-1. Ohara J, et al. **Nature** 1985 May 23-29;315(6017):333-6

Fc receptor-dependent immune-regulation: immunological roles of immune suppressive lymphokines (suppressive B cell factor), produced by Fc receptor-stimulated murine and human B cells. Masuda T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1623-31

Identification of a unique B-cell-stimulating factor produced by a cloned dendritic cell. Clayberger C, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):183-7

Increased expression of Ia antigens on resting B cells: an additional role for B-cell growth factor. Noelle R, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6149-53

Auto-delayed-type hypersensitivity induced in immunodeficient mice with modified self-antigens. III. Suppressive T-cell factor controls the autoreactivity against self-antigens. Tarcic N, et al. **Scand J Immunol** 1984 Nov;20(5):389-401

Auto-delayed-type hypersensitivity induced in immunodeficient mice with modified self-antigens. IV. Characterization of the suppressive T-cell factor that controls the autoreactivity against self-antigens. Tarcic N, et al. **Scand J Immunol** 1984 Nov;20(5):403-11

Lymphokines and the brain. Fontana A, et al. **Springer Semin Immunopathol** 1984;7(4):375-86 (40 ref.)

The role of lymphokines in delayed-type hypersensitivity reactions. Geczy CL. **Springer Semin Immunopathol** 1984; 7(4):321-46 (257 ref.)

Interferons, a group of multiple lymphokines. Kirchner H. **Springer Semin Immunopathol** 1984;7(4):347-74 (158 ref.)

Lymphokines active in B cell proliferation and differentiation. Schimpl A. **Springer Semin Immunopathol** 1984;7(4):299-310

Role of lymphokines in immediate type allergy. Stadler BM, et al. **Springer Semin Immunopathol** 1984;7(4):415-24 (77 ref.)

Donor-specific cellular responses and preexisting nonspecific responsiveness as interrelated determinants of renal transplant survival. MacSween JM, et al. **Transplant Proc** 1984 Dec;16(6):1410-2

[Biological functions of interleukins] Zhao WS. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):45-51 (72 ref.) **(Chi)**

[Tumor-regressive potency of soluble factors released from tumor-immune cells] Sasaki J, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2557-62 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

A mononuclear cell-derived histamine releasing factor in asthmatic patients. II. Activity in vivo. Alam R, et al. **Allergy** 1985 Feb;40(2):124-9

Property of immunoglobulin binding substance from the granary weevil. Mitsuhashi M, et al. **Arerugi** 1985 Jun; 34(6):394-8

The glomerular polyanion (GPA) of the rat kidney. III. Further characterization of a vaso-active serum factor which reduces GPA. Bakker WW, et al. **Br J Exp Pathol** 1985 Feb;66(1):47-55

Partial purification and characterization of a human lymphokine which induces antileishmanial activity in mouse macrophages. Buchmuller Y, et al. **Cell Immunol** 1985 Jan;90(1):242-50

Activation of human eosinophils by monokines and lymphokines: source and biochemical characteristics of the eosinophil cytotoxicity-enhancing activity produced by blood mononuclear cells. Lenzi HL, et al. **Cell Immunol** 1985 Sep;94(2):333-46

Biochemical characterization and purification of human B cell stimulatory factor (BSF). Schwarting R, et al. **Eur J Immunol** 1985 Jun;15(6):632-7

Partial biochemical characterization of IgG1-inducing factor. Sideras P, et al. **Eur J Immunol** 1985 Jun;15(6):593-8

Assessment of histamine release and kinin formation in man: identification of kinin degradation products and characterization of a lymphocyte-dependent histamine releasing factor. Kaplan AP, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):64-8

Distinction of the human basophil promoting activity from human interleukin-3. Stadler BM, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):151-4

Lymphokine purification by reversed-phase high-performance liquid chromatography. Urdal DL, et al. **J Chromatogr** 1984 Jul 27;296:171-9

Partial purification and physicochemical properties of human T cell migration inhibitory factor (TIF). Kowalczyk D, et al. **J Clin Lab Immunol** 1984 Oct;15(2):105-10

A surface receptor specific for human IgA on group B streptococci possessing the Ibc protein antigen. Russell-Jones GJ, et al. **J Exp Med** 1984 Nov 1; 160(5):1467-75

Identification of a lymphokine that stimulates eosinophil differentiation in vitro. Its relationship to interleukin 3, and functional properties of eosinophils produced in cultures. Sanderson CJ, et al. **J Exp Med** 1985 Jul 1;162(1):60-74

Stimulated rat T cell-derived inhibitory factor for cellular DNA synthesis (STIF). I. Isolation and characterization. Chiba K, et al. **J Immunol** 1985 Feb;134(2):1019-25

Purification and partial sequence of human osteoclast-activating factor: identity with interleukin 1 beta. Dewhirst FE, et al. **J Immunol** 1985 Oct;135(4):2562-8

Isolation and characterization of a T suppressor factor by using a monoclonal antibody. Ferguson TA, et al. **J Immunol** 1985 May;134(5):3163-71

Characterization and partial purification of a specific interleukin 2 inhibitor. Honda M, et al. **J Immunol** 1985 Sep;135(3):1834-9

Humoral factors in very young NZB mice that enhance the maturation of normal B cell precursors. Partial purification and characterization. Jyonouchi H, et al. **J Immunol** 1985 Sep;135(3):1891-9

A histamine-releasing factor from activated human mononuclear cells. Kaplan AP, et al. **J Immunol** 1985 Sep; 135(3):2027-32

Identification and characterization of a B cell growth inhibitory factor (BIF) on BCGF-dependent B cell proliferation. Kawano M, et al. **J Immunol** 1985 Jan; 134(1):375-81

Characterization of a human interleukin 1 inhibitor. Liao Z, et al. **J Immunol** 1985 Jun;134(6):3882-6

Partial purification of murine B cell stimulatory factor (BSF)-1. Ohara J, et al. **J Immunol** 1985 Oct;135(4):2518-23

A 'lymphokine-like' soluble product that induces proliferation and maturation of B cells appears in the serum-free supernatant of a T cell hybridoma as a consequence of mycoplasmal contamination. Proust JJ, et al. **J Immunol** 1985 Jan;134(1):390-6

Isolation and characterization of a tumor-specific T suppressor factor from a T cell hybridoma. Steele JK, et al. **J Immunol** 1985 Apr;134(4):2767-78

Purification and physicochemical characterization of murine T cell replacing factor (TRF). Takatsu K, et al. **J Immunol** 1985 Jan;134(1):382-9

A large scale method of separating multiple lymphokines secreted by the murine EL-4 thymoma. Chang AE, et al. **J Immunopharmacol** 1985;7(1):17-31

B cell growth and differentiation activity of a purified T cell-replacing factor (TRF) molecule from B151-T cell hybridoma. Hara Y, et al. **Lymphokine Res** 1985 Summer; 4(3):243-9

Suppressor cell induction factor: a new mediator released by stimulated human lymphocytes and distinct from previously described lymphokines. Kasakura S. **Lymphokine Res** 1985 Winter;4(1):31-7

Characterization of B-cell growth factor. Maizel AL, et al. **Lymphokine Res** 1982;1(1):9-14

Chemical identification of a prostaglandin-induced T suppressor (PITS). Webb DR, et al. **Lymphokine Res** 1985 Spring;4(2):139-49

Biological and biochemical characterization of macrophage activating factor (MAF) in murine lymphocytes: physiocochemical similarity of MAF to gamma interferon (IFN-gamma). Fukazawa Y, et al. **Microbiol Immunol** 1984; 28(6):691-702

Suppressor cell induction factor: a new mediator released by stimulated human lymphocytes and distinct from previously described lymphokines. Kasakura S. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1645-55

Interleukin 3 (IL3): a hematopoiesis-regulating lymphokine. Kumagai K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1635-44

Purification to homogeneity and characterization of human B-cell differentiation factor (BCDF or BSFp-2). Hirano T, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5490-4

Acetylcholine receptor-specific suppressive T-cell factor from a retrovirally transformed T-cell line. Sinigaglia F, et al **Proc Natl Acad Sci USA** 1984 Dec;81(23):7569-73

METABOLISM

Blastogenesis-suppressing serum factors, decreased immunoglobulin A, and increased beta 1-globulins in Airedale Terriers with diskospondylitis. Barta O, et al. **Am J Vet Res** 1985 Jun;46(6):1319-22

Glycolipid receptor for human migration inhibitory factor: fucose and sialic acid are important for the human monocyte response to migration inhibitory factor. Liu DY, et al. **Cell Immunol** 1985 Feb;90(2):539-46

T-cell-replacing factor and its acceptor site on B cells: molecular properties and immunogenetic aspects. Hamaoka T. **Contemp Top Mol Immunol** 1985;10:231-61 (25 ref.)

Rabbit lymphocyte factors modulate prostaglandin biosynthesis in alveolar macrophages. Hsueh W, et al. **Immunology** 1985 Jan;54(1):155-61

Production of a T-cell hybrid producing a lymphokine stimulating eosinophil differentiation. Warren DJ, et al. **Immunology** 1985 Apr;54(4):615-23

Stimulation of lymphokine release from T lymphoblasts. Requirement for mRNA synthesis and inhibition by cyclosporin A. Granelli-Piperno A, et al. **J Exp Med** 1984 Dec 1;160(6):1792-802

Resting and sensitized T lymphocytes exhibit distinct stimulatory (antigen-presenting cell) requirements for growth and lymphokine release. Inaba K, et al. **J Exp Med** 1984 Dec 1;160(6):1717-35

A B cell growth factor-like activity is secreted by cloned, neoplastic B cells. Brooks KH, et al. **J Immunol** 1984 Dec; 133(6):3133-7

Cell cycle-related expression of the receptor for a B cell differentiation factor. Brooks KH, et al. **J Immunol** 1985 Feb;134(2):742-7

PHARMACODYNAMICS

Calcium requirement for the lymphokine and vitamin D mediated differentiation of monoblastic U937 cells. Atsumi Y, et al. **Am J Med Sci** 1985 Feb;289(2):47-50

In vitro activation of murine Kupffer cells by lymphokines or endotoxins to lyse syngeneic tumor cells. Xu ZL, et al. **Am J Pathol** 1984 Dec;117(3):372-9

Potentiating effect of murine interferon-gamma-containing lymphokine preparations on the antiviral and antiproliferative effects of murine interferon-alpha/beta: identification of the potentiation factor as murine interferon-gamma itself. Fleischmann WR Jr, et al. **Antiviral Res** 1984 Aug;4(4):221-8

Selective inhibition of excessive scleroderma fibroblast collagen production by lymphokines from normal human mononuclear cells. Jimenez SA, et al. **Arthritis Rheum** 1985 May;28(5):502-10

Induction of proliferation of human circulating monocytes in vitro by lectin-induced factor(s) from lymphocytes. Ohta M, et al. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):705-11

Restoration and stimulation of the in vitro immune response of B cells to sheep erythrocytes by interleukins and muramyl dipeptide (MDP). Souvannavong V, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):431-9

Growth factor-mediated proliferation in B cell non-Hodgkin's lymphomas. Ford RJ, et al. **Blood** 1985 Jun; 65(6):1335-41

Different colony-stimulating factors are detected by the 'interleukin-3'-dependent cell lines FDC-Pl and 32D cl-23. Hapel AJ, et al. **Blood** 1984 Oct;64(4):786-90

The effect of interleukin 3 and GM-CSA-2 on megakaryocyte and myeloid clonal colony formation. Quesenberry PJ, et al. **Blood** 1985 Jan;65(1):214-7

Lymphokine-induced monocytic differentiation as a possible mechanism for hypercalcemia associated with adult T-cell lymphoma. Dodd RC, et al. **Cancer Res** 1985 Jun; 45(6):2501-6

Distinct differentiation-inducing activities of gamma-interferon and cytokine factors acting on the human promyelocytic leukemia cell line HL-60. Harris PE, et al. **Cancer Res** 1985 Jul;45(7):3090-5

Distinct activities of interferon-gamma, lymphokine and cytokine differentiation-inducing factors acting on the human monoblastic leukemia cell line U937. Harris PE, et al. **Cancer Res** 1985 Jan;45(1):9-13

Successful immunotherapy of murine experimental hepatic metastases with lymphokine-activated killer cells and recombinant interleukin 2. Lafreniere R, et al. **Cancer Res** 1985 Aug;45(8):3735-41

Il-3-dependent mouse clones that express B-220 surface antigen, contain Ig genes in germ-line configuration, and generate B lymphocytes in vivo. Palacios R, et al **Cell** 1985 Jul;41(3):727-34

Neoplastic transformation of mast cells by Abelson-MuLV: abrogation of IL-3 dependence by a nonautocrine mechanism. Pierce JH, et al. **Cell** 1985 Jul;41(3):685-93

Recombinant interleukin-3 exhibits synergistic factor activity. McNiece IK, et al. **Cell Biol Int Rep** 1984 Oct; 8(10):812

Effect of lymphokines on the production of cytostatic protein factors from human monocytes. Kildahl-Andersen O, et al. **Cell Immunol** 1984 Dec;89(2):365-75

Activation of human eosinophils by monokines and lymphokines: source and biochemical characteristics of the eosinophil cytotoxicity-enhancing activity produced by blood mononuclear cells. Lenzi HL, et al. **Cell Immunol** 1985 Sep;94(2):333-46

Establishment of growth factor-dependent MOPC 104E cell line in vitro. Shrestha K, et al. **Cell Immunol** 1985 Jan, 90(1):24-31

Effect of haemopoietic stem-cell proliferation regulators on early and late spleen colony-forming cells. Wright EG, et al. **Cell Tissue Kinet** 1985 Mar;18(2):193-9

Modulation of macrophage suppressive activity and prostaglandin release by lymphokines and interferon: comparison of alveolar, pleural and peritoneal macrophages. Sestini P, et al. **Clin Exp Immunol** 1984 Dec; 58(3):573-80

The tumor disappearance reaction: an in vivo effect of a noncytotoxic lymphokine active against tumor cells. D'Silva H, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):326-32

Lymphokines induce changes in morphology and enhance motility of endothelial cells. Groenewegen G, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):378-85

Maturation of chronic lymphocytic leukemia B cells: correlation between the capacity of responding to T-cell factors in vitro and the stage of maturation reached in vivo. Rubartelli A, et al. **Clin Immunol Immunopathol** 1985 Mar; 34(3):296-303

T-cell factors that promote B-cell proliferation and differentiation. Swain SL, et al. **Contemp Top Mol Immunol** 1985;10:219-29 (30 ref.)

Cloned neoplastic B cells release a growth factor which augments lymphokine-mediated proliferation of normal B cells. Brooks KH, et al. **Curr Top Microbiol Immunol** 1984; 113:69-71

Effect of temperature and lymphokines on mixed lymphocyte and mitogen responses of chicken lymphoid cells in vitro. Chi DS, et al. **Dev Comp Immunol** 1984 Summer; 8(3):683-94

Induction of macrophage procoagulant by products of activated lymphocytes. Geczy CL. **Haemostasis** 1984; 14(5):400-11 (59 ref.)

Characterization of lymphokine-mediated activation of macrophages for antigen presentation: studies with long-term cultured bone marrow-derived macrophages and cloned T cells. Fischer HG, et al. **Immunobiology** 1984 Dec;168(3-5):232-45

Role of bacterial lipopolysaccharide and lymphokine in the regulation of macrophage activation: correlates between secretion of plasminogen activator and tumor lysis. Jones CM, et al. **Immunobiology** 1984 May;166(4-5):410-27

T-cell-lymphokines and the production and function of accessory cells. Schrader JW, et al. **Immunobiology** 1984 Dec;168(3-5):425-40 (55 ref.)

The mechanism of action of lymphokines. VIII. Lymphokine-enhanced spontaneous hydrogen peroxide production by macrophages. Freund M, et al. **Immunology** 1985 Jan;54(1):35-45

Lymphokine activation of J774G8 cells and mouse peritoneal macrophages challenged with Toxoplasma gondii. Sibley LD, et al. **Infect Immun** 1985 Sep;49(3):760-4

Glucocorticoid modulation of lymphokine-induced giant cell formation. Galindo B. **Inflammation** 1984 Dec;8(4):393-406

Capacity of B-lymphocytic lines of diverse tumor origin to produce and respond to B-cell growth factors: a progression model for B-cell lymphomagenesis. Gordon J, et al. **Int J Cancer** 1985 Feb 15;35(2):251-6

In vitro and in vivo antitumor activity of lymphokine-induced cytotoxic cells. Ting CC, et al. **Int J Cancer** 1985 Jul 15;36(1):117-23

Growth factor-mediated tumor cell proliferation in hairy cell leukemia. Ford RJ, et al. **J Exp Med** 1985 Sep 1; 162(3):1093-8

Clonal analysis of B cells induced to secrete IgG by T cell-derived lymphokine(s). Layton JE, et al. **J Exp Med** 1984 Dec 1;160(6):1850-63

Interferons as macrophage-activating factors. III. Preferential effects of interferon-gamma on the interleukin 1 secretory potential of fresh or aged human monocytes. Arenzana-Seisdedos F, et al. **J Immunol** 1985 Apr; 134(4):2444-8

B lymphocyte regulation of the immune system. I. In vivo biologic activity of the novel lymphokine, B cell-derived enhancing factor (BEF). del Guercio P, et al. **J Immunol** 1985 Feb;134(2):996-1002

Lymphokine-like activity of 8-mercaptoguanosine: induction of T and B cell differentiation. Feldbush TL, et al. **J Immunol** 1985 May;134(5):3204-11

In vivo activity of lymphokine-activated macrophages in host defense against neoplasia. Fernandez-Cruz E, et al. **J Immunol** 1985 May;134(5):3489-96

Effect of B cell differentiation factor (BCDF) on biosynthesis and secretion of immunoglobulin molecules in human B cell lines. Kikutani H, et al. **J Immunol** 1985 Feb; 134(2):990-5

Epidermal cells synthesize a cytokine with interleukin 3-like properties. Luger TA, et al. **J Immunol** 1985 Feb; 134(2):915-9

Macrophage activation to kill Leishmania tropica: characterization of P/J mouse macrophage defects for lymphokine-induced antimicrobial activities against Leishmania tropica amastigotes. Nacy CA, et al. **J Immunol** 1984 Dec;133(6):3344-50

Retrovirus-mediated immunosuppression. I. FeLV-UV and specific FeLV proteins alter T lymphocyte behavior by inducing hyporesponsiveness to lymphokines. Orosz CG, et al. **J Immunol** 1985 May;134(5):3396-403

Jacalin: an IgA-binding lectin. Roque-Barreira MC, et al. **J Immunol** 1985 Mar;134(3):1740-3

Activation of human polymorphonuclear neutrophil functions by interferon-gamma and tumor necrosis factors. Shalaby MR, et al. **J Immunol** 1985 Sep;135(3):2069-73

Activation of the gamma 1 gene by lipopolysaccharide and T cell-derived lymphokines containing a B cell differentiation factor for IgG1 (BCDF gamma). Yuan D, et al. **J Immunol** 1985 Aug;135(2):1465-9

Modulation of lymphokine-induced macrophage activation by estrogen metabolites. Pfeifer RW, et al. **J Immunopharmacol** 1985;7(2):247-63

Genetic resistance of mice to persistent infection with Mycobacterium lepraemurium in vitro: association with macrophage bactericidal responsiveness to lymphokines and dissociation from production of hydrogen peroxide by macrophages. Sankaran K, et al. **J Immunopharmacol** 1984; 6(4):277-89

Impaired cell-mediated immunity in hemophilia. II. Persistence of subclinical immunodeficiency and enhancement of natural killer activity by lymphokines. Lederman MM, et al. **J Lab Clin Med** 1985 Aug; 106(2):197-204

Enhancement of hamster alveolar macrophage phagocytic activity by lymphokines. Widen RH, et al. **J Leukocyte Biol** 1985 Mar;37(3):349-58

Biologic effects of prolonged melphalan treatment of murine long-term bone marrow cultures and interleukin 3-dependent hematopoietic progenitor cell lines. Greenberger JS, et al. **JNCI** 1985 Jan;74(1):247-62

Experimental evidence for the potential usefulness of permanent IL-3-dependent multipotential hematopoietic progenitor cell lines in transfusion granulocyte support therapy: need for expansion of early passage cells. Greenberger JS, et al. **KROC Found Ser** 1984;18:255-69

Activation of tumoricidal properties in macrophages by lymphokines encapsulated in liposomes. Fidler IJ, et al. **Lymphokine Res** 1982;1(3):73-7

Lymphokine-activated killer cells: in vitro and in vivo studies. Mazumder A. **Lymphokine Res** 1985 Summer; 4(3):215-20

Activating factors for nonspecific and antibody-dependent cytotoxicity by human and murine mononuclear phagocytes. Ralph P. **Lymphokine Res** 1984 Summer; 3(4):153-61 (56 ref.)

Homogeneous interleukin 3 enhances arginase activity in murine hematopoietic cells. Schneider E, et al. **Lymphokine Res** 1985 Spring;4(2):95-102

Functions of multinucleated giant cells formed by fusing rat alveolar macrophages with lymphokines containing macrophage fusion factor. Sone S. **Lymphokine Res** 1984 Summer;3(4):163-73

Some interleukin-3 dependent mast-cell lines also respond to interleukin-2. Warren HS, et al. **Lymphokine Res** 1985 Summer;4(3):195-204

Altered cytosol/membrane enzyme redistribution on interleukin-3 activation of protein kinase C. Farrar WL, et al. **Nature** 1985 May 16-22;315(6016):235-7

Lymphokine dependence of in vivo expression of MHC class II antigens by endothelium. Groenewegen G, et al. **Nature** 1985 Jul 25-31;316(6026):361-3

Products of activated lymphocytes stimulate Schwann cell mitosis in vitro. Lisak RP, et al. **Neurosci Lett** 1985 Jun 12;57(2):105-11

Interleukin 3 promotes erythroid burst formation in 'serum-free' cultures without detectable erythropoietin. Goodman JW, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3291-5

Human leukemia cell maturation induced by a T-cell lymphokine isolated from medium conditioned by normal lymphocytes. Leung K, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1209-13

B-cell growth factor (B-cell growth factor I or B-cell-stimulating factor, provisional 1) is a differentiation factor for resting B cells and may not induce cell growth. Oliver K, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2465-7

B-cell stimulatory factor 1 activates resting B cells. Rabin EM, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2935-9

Mycoplasma mimicry of lymphokine activity in T-cell lines. Ruuth E, et al. **Scand J Immunol** 1985 Jun;21(6):593-600

Purified human granulocyte-macrophage colony-stimulating factor: direct action on neutrophils. Gasson JC, et al. **Science** 1984 Dec 14;226(4680):1339-42

Ultrastructural study on long-term cultures of bone marrow cells with histamine-producing stimulating factor (HCSF). Nabarra B, et al. **Virchows Arch [Cell Pathol]** 1984; 46(3):175-85

The poised B cell: lymphokines induce an Ia-increase and antigen-presenting function in B cells. Tartakovsky B, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):145-52

[Partial characterization of a human lymphokine that stimulates collagen production by fibroblasts] Miyamura M, et al. **Arerugi** 1985 Apr;34(4):263-70 (Eng. Abstr.) **(Jpn)**

[Mechanism of action of the stem-cell inhibition factor on the formation of exogenous hemopoietic colonies in the spleen of mice] Ignat'eva OIu, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):326-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Lack of evidence for human lymphokines with thrombocyte aggregating activity. An in vitro study. Oxholm P, et al. **Allergy** 1984 Nov;39(8):618-21

Effects of leukotrienes on neutrophil migration, and on production and action of lymphokines. Svenson M, et al. **Allergy** 1984 Aug;39(6):481-4

Multiple hemopoietic lineages are found after stimulation of mouse bone marrow precursor cells with interleukin 3. Prystowsky MB, et al. **Am J Pathol** 1984 Nov;117(2):171-9

Studies on the functional mechanism of cholestatic factor. Mizoguchi Y, et al. **Arerugi** 1984 Oct;33(10):903-8

Lymphokine-induced phagocytosis in angiocentric immunoproliferative lesions (AIL) and malignant lymphoma arising in AIL. Simrell CR, et al. **Blood** 1985 Jun;65(6):1469-76

Lymphocyte supernatant-induced human monocyte tumoricidal activity: dependence on the presence of gamma-interferon. Sadlik JR, et al. **Cancer Res** 1985 May; 45(5):1940-5

The reactivity of frozen B lymphocytes to B cell mitogens and human B cell growth factor: a study of step 1 and step 2 activators. Bertoglio JH, et al. **Cell Immunol** 1985 Jan;90(1):32-40

Synergistic interaction of a cytokine produced by embryonic fibroblasts and a lymphokine contained in Con A-stimulated spleen cell culture for murine macrophage differentiation: a model experiment using cell line cells, M1. Noro N, et al. **Cell Immunol** 1985 Oct 1;95(1):124-36

Synergy of helper factors in the differentiation of in vivo-preactivated antigen-specific human B cells. Peters M, et al. **Cell Immunol** 1985 Mar;91(1):33-42

In vitro migration of tumor cells from human neoplasms: inhibition by lymphokines. Cohen MC, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):94-9

Inhibitors of lymphocyte activity in peritoneal fluid of continuous ambulatory peritoneal dialysis (CAPD) [letter] Giangrande A, et al. **Clin Nephrol** 1984 Jul;22(1):52-3

Soluble-factor induction of B-cell growth. Howard M. **Contemp Top Mol Immunol** 1985;10:181-93 (50 ref.)

Biochemical and biological properties of interleukin-3: a lymphokine mediating the differentiation of a lineage of cells that includes prothymocytes and mastlike cells. Ihle JN. **Contemp Top Mol Immunol** 1985;10:93-119 (50 ref.)

Interleukin 3 dependent retrovirus induced lymphomas: loss of the ability to terminally differentiate in response to differentiation factors. Ihle JN, et al. **Curr Top Microbiol Immunol** 1984;113:86-91

T cell-replacing factor in specific antibody responses to influenza virus by human blood B cells. Callard RE, et al. **Eur J Immunol** 1985 Jan;15(1):52-9

Activation of macrophage tumor cytotoxicity by the synergism of two T cell-derived lymphokines: immune interferon (IFN-gamma) and macrophage cytotoxicity-inducing factor 2 (MCIF2). Hamann U, et al. **Eur J Immunol** 1985 Jan;15(1):18-24

Suppression of polyclonal B cell activation by IgG-binding factors. Requirement for T cells. Lê thi Bich-Thuy, et al. **Eur J Immunol** 1985 Jan;15(1):96-9

Molecularly cloned and expressed murine T-cell gene product is biologically similar to interleukin-3. Greenberger JS, et al. **Exp Hematol** 1985 May;13(4):249-60

Obligatory role of gamma interferon in T cell-replacing factor-dependent, antigen-specific murine B cell responses. Brunswick M, et al. **J Exp Med** 1985 May 1;161(5):953-71

Augmentation of macrophage complement receptor function in vitro. IV. The lymphokine that activates macrophage C3 receptors for phagocytosis binds to a fucose-bearing glycoprotein on the macrophage plasma membrane. Griffin FM Jr, et al. **J Exp Med** 1984 Oct 1;160(4):1206-18

Modulation of the biologic activities of IgE-binding factors. VII. Biochemical mechanisms by which glycosylation-enhancing factor activates phospholipase in lymphocytes. Akasaki M, et al. **J Immunol** 1985 Jun;134(6):4069-77

Proliferation of human malignant lymphocytes induced by anti-IgM independent of B cell growth factor. Baeker TR, et al. **J Immunol** 1985 May;134(5):3532-8

Control of B cell proliferation: inhibition of responses to B cell mitogens induced by plasma cell tumors. Berman JE, et al. **J Immunol** 1985 May;134(5):2872-8

Stimulated rat T cell-derived inhibitory factor for cellular DNA synthesis (STIF). III. Effect on cell proliferation and immune responses. Chiba K, et al. **J Immunol** 1985 May;134(5):3172-8

Active suppression of host-vs-graft reaction in pregnant mice. VI. Soluble suppressor activity obtained from decidua of allopregnant mice blocks the response to IL 2. Clark DA, et al. **J Immunol** 1985 Mar;134(3):1659-64

Enhancement of macrophage immune and nonimmune receptor-mediated phagocytosis by a low molecular weight soluble factor from resident thymocytes. Coleman DL, et al. **J Immunol** 1984 Dec;133(6):3121-7

B lymphocyte regulation of the immune system. II. Inhibition of Fc receptor expression of lymphocytes by BEF, a lymphokine of B cell origin. del Guercio P, et al. **J Immunol** 1985 Jun;134(6):3926-33

Functional properties of two human B cell growth factor species separated by lectin affinity column. Dugas B, et al. **J Immunol** 1985 Jul;135(1):333-8

Induction of IL 2 receptor expression and cytotoxicity of thymocytes by stimulation with TCF1. Falk W, et al. **J Immunol** 1985 Aug;135(2):1160-4

Information transfer between T cell subsets is directed by I-J+ antigen nonspecific molecules. Flood PM, et al. **J Immunol** 1985 Aug;135(2):933-40

Characterization of hydrogen peroxide-potentiating factor, a lymphokine that increases the capacity of human monocytes and monocyte-like cell lines to produce hydrogen peroxide. Gately CL, et al. **J Immunol** 1983 Dec;131(6):2853-8

Activation of rat and human alveolar macrophage intracellular microbicidal activity by a preformed LGL cytokine. Gomez J, et al. **J Immunol** 1985 Aug;135(2):1194-200

BCGFII activity on activated B cells of a purified murine T cell-replacing factor (TRF) from a T cell hybridoma (B151K12). Harada N, et al. **J Immunol** 1985 Jun;134(6):3944-51

Mechanism controlling the genetic restrictions of an NP-specific suppressor factor that inhibits B cell responses. Hausman PB, et al. **J Immunol** 1985 Aug;135(2):915-21

Twenty years with IgE: from the identification of IgE to regulatory factors for the IgE response. Ishizaka K. **J Immunol** 1985 Jul;135(1):i-x

Release of histamine and arachidonate from mouse mast cells induced by glycosylation-enhancing factor and bradykinin. Ishizaka T, et al. **J Immunol** 1985 Mar;134(3):1880-7

Hapten-specific responses to the phenyltrimethylamino hapten. V. A single chain antigen-binding I-J+ first-order T suppressor factor requires antigen to induce anti-idiotypic second-order suppressor T cells. Jayaraman S, et al. **J Immunol** 1985 Feb;134(2):1010-8

The roles of T cell factors in activation, cell cycle progression, and differentiation of human B cells. Jelinek DF, et al. **J Immunol** 1985 Mar;134(3):1690-701

A mitogenic factor, released by stimulated human mononuclear cells and distinct from interleukin 2 (IL 2), B cell growth factor (BCGF), and interleukin 1 (IL 1). Kasakura S, et al. **J Immunol** 1984 Dec;133(6):3084-90

In vitro T cell hyperreactivity in Obese strain (OS) chickens is due to a defect in nonspecific suppressor mechanism(s). Krömer G, et al. **J Immunol** 1985 Oct;135(4):2458-63

Mechanism of action of a suppressor-activating factor (SAF) produced by a human T cell line. Lau CY, et al. **J Immunol** 1985 May;134(5):3155-62

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. II. FcR epsilon+ B lymphocytes initiate a cascade of cellular and molecular interactions that control FcR epsilon expression and IgE production. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2829-36

FcR epsilon+ lymphocytes and regulation of the IgE antibody system. I. A new class of molecules, termed IgE-induced regulants (EIR), which modulate FcR epsilon expression by lymphocytes. Marcelletti JF, et al. **J Immunol** 1984 Dec;133(6):2821-8

Accessory cells in immune suppression. II. Evidence for presentation of idiotype-specific suppressor factors to B cell targets by I-A+ accessory cells. Moser G, et al. **J Immunol** 1985 May;134(5):2867-71

Signal requirements for growth and differentiation of activated murine B lymphocytes. Müller W, et al. **J Immunol** 1985 Aug;135(2):1213-9

Activation of tissue macrophages from AIDS patients: in vitro response of AIDS alveolar macrophages to lymphokines and interferon-gamma. Murray HW, et al. **J Immunol** 1985 Oct;135(4):2374-7

A cloned MCGF cDNA encodes a multilineage hematopoietic growth factor: multiple activities of interleukin 3. Rennick DM, et al. **J Immunol** 1985 Feb;134(2):910-4

Partial purification and biochemical characterization of a T cell suppressor factor produced by human glioblastoma cells. Schwyzer M, et al. **J Immunol** 1985 Feb;134(2):1003-9

A serum-derived molecule from autoimmune viable motheaten mice potentiates the action of a B cell maturation factor. Sidman CL, et al. **J Immunol** 1985 Aug;135(2):870-2

Human B cell responsiveness to B cell growth factor after activation by phorbol ester and monoclonal anti-mu antibody. Suzuki T, et al. **J Immunol** 1985 Apr;134(4):2470-6

Role of BCGFII in the differentiation to antibody secretion normal and tumor B cells. Swain SL. **J Immunol** 1985 Jun;134(6):3934-43

Role of N-acetyl-D-galactosamine residue on B151K12-derived T cell-replacing factor (B151-TRF) molecule in B cell-receptor binding and -stimulating activity. Takahama Y, et al. **J Immunol** 1985 Oct;135(4):2534-40

sIgD- and sIgD+ B cells responding to thymus-independent antigens have a different lymphokine requirement. Waldschmidt TJ, et al. **J Immunol** 1985 Aug;135(2):865-7

Immunity to herpes simplex virus: virus reactivation modulates lymphokine activity. Sheridan JF, et al. **J Infect Dis** 1985 Sep;152(3):449-56

The relative roles of interleukins 1, 2, and 3 in the regulation of T cell differentiation. Ihle JN, et al. **KROC Found Ser** 1984;18:399-421 (89 ref.)

Abstracts from Fourth International Lymphokine Workshop. Molecular and cellular biology of lymphokines. October 17-21, 1984. **Lymphokine Res** 1984 Summer;3(4):229-85

A cell cycle analysis of murine lymphokines. Herbert AG, et al. **Lymphokine Res** 1985 Winter;4(1):5-11

Summary of the Fourth International Lymphokine Workshop [news] Lachman LB. **Lymphokine Res** 1985 Winter;4(1):51-7

Suppressor T-cell factor(s) display an altered pattern of Igh (immunoglobulin heavy chain locus) genetic restriction when developed in an Igh-congeneic host. HayGlass KT, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):2133-7

Soluble suppressor of T cell proliferation in primary in vitro response to murine minor histocompatibility antigens. Solana R, et al. **Rev Esp Fisiol** 1984 Sep;40(3):341-52

Differentiation factors from cell lines. Watson JD, et al. **Symp Fundam Cancer Res** 1984;37:315-25

Enhancement of endothelial plasminogen activator synthesis by lymphokines. Tiku ML, et al. **Transplantation** 1985 Sep;40(3):293-8

[Serum inhibition factor in acute viral hepatitis] Berg PA, et al. **Leber Magen Darm** 1984 Nov;14(6):261-9 (Eng. Abstr.) **(Ger)**

[Possible participation of a cholestatic factor in the pathogenesis of intrahepatic cholestasis in alcoholic liver disease] Mizoguchi Y, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):441-9 (Eng. Abstr.) **(Jpn)**

[Interleukins and their clinical significance] Miyasaka N. **Ryumachi** 1985 Apr;25(2):134-41 (50 ref.) **(Jpn)**

RADIATION EFFECTS

Radiation abrogation of myelopoietic inhibitors found in thymus-conditioned medium. Gruber DF. **Thymus** 1985;7(1):3-11

SECRETION

Carcinoembryonic antigen-induced release of a suppressor factor from normal human lymphocytes in vitro. Medoff JR, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5822-7

Secretion of a macrophage-activating factor distinct from interferon-gamma by human T cell clones. Andrew PW, et al. **Eur J Immunol** 1984 Oct;14(10):962-4

Secretion of IgG1 induction factor by T cell clones and hybridomas. Sideras P, et al. **Eur J Immunol** 1985 Jun;15(6):586-93

Human clones with natural killer function can activate B cells and secrete B cell differentiation factors. Vyakarnam A, et al. **Eur J Immunol** 1985 Jun;15(6):606-10

Suppressor factor from a permanent T cell line inhibits allotransplantation reactions in vivo. Hašek M, et al. **Folia Biol (Praha)** 1985;31(2):185-91

The functional association of Lyt antigens with lymphokine production. Hollander N, et al. **Immunology** 1985 Jan;54(1):25-33

Mycobacterial antigen-specific human T-cell clones secreting macrophage activating factors. Matthews R, et al. **Immunology** 1985 Jan;54(1):17-23

Regulation of lymphocyte activation by PGE2 in multiple sclerosis. DuBois JH, et al. **J Neurol Sci** 1984 Aug;65(2):211-9

In vivo release of lymphokines in inbred murine strains. Neta R, et al. **Lymphokine Res** 1982;1(2):29-35

The activity of lymphokines secreted by normal and malignant T cells. Krammer PH, et al. **Springer Semin Immunopathol** 1984;7(4):291-8

Cellular immunity and the acquired immune deficiency syndrome: failure to secrete lymphokines and gamma interferon. Hart CC, et al. **Surv Synth Pathol Res** 1984;3(5):397-408 (63 ref.)

Effect of the immunosuppressive drugs cyclosporine and methylprednisolone on lymphokine responses in vitro. MacSween JM, et al. **Transplant Proc** 1985 Aug;17(4):1984-6

STANDARDS

Towards the standardization of lymphokines: first report of the Lymphokine Standardization Subcommittee of the International Union of Immunological Societies, PAHO, Washington, D.C., November 1983. **Lymphokine Res** 1984 Summer;3(4):193-227

THERAPEUTIC USE

Lymphokines, monoclonal antibodies, and other biological response modifiers in the treatment of cancer. Oldham RK, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2795-806

Biological response modifiers: preclinical evaluation and clinical activity. Smalley RV, et al. **CRC Crit Rev Oncol Hematol** 1984;1(3):259-94 (317 ref.)

Immunomodulators as local hormones: new insights regarding their clinical utilization. Bocci V. **J Biol Response Mod** 1985 Aug;4(4):340-52

Immunotherapy of murine and human tumors in mice with lymphokines and interleukin-2-propagated lymphocytes. Kedar E, et al. **J Biol Response Mod** 1984 Oct;3(5):517-26

A soluble suppressor T cell factor protects against experimental intraabdominal abscesses. Zaleznik DF, et al. **J Clin Invest** 1985 Mar;75(3):1023-7

Lymphokine: prospect as a cancer agent. Reynolds RD, et al. **Mo Med** 1984 Sep;81(9):604-6

URINE

Identification of the lymphokine soluble immune response suppressor in urine of nephrotic children. Schnaper HW, et al. **J Clin Invest** 1985 Jul;76(1):341-9

Regulation of human B lymphopoiesis: effect of a urinary activity associated with cyclic neutropenia. Landreth KS, et al. **J Immunol** 1985 Apr;134(4):2305-9

LYMPHOMA

Diagnostics and therapy of non-Hodgkin lymphomas in childhood. Plenert W, et al. **Acta Paediatr Hung** 1984;25(1-2):145-54

Management of malignant lymphoproliferative disorders of the nervous system. Williams CK. **Afr J Med Med Sci** 1984 Sep-Dec;13(3-4):93-101

Non-Hodgkins' lymphoma of the oral cavity. Case report. Cheng FG, et al. **Aust Dent J** 1984 Oct;29(5):332-4

Non-Hodgkin's lymphoma involving the central nervous system. Wolf MM, et al. **Aust NZ J Med** 1985 Feb;15(1):16-21

Clinical spectrum of human retroviral-induced diseases. Urba WJ, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4637s-4643s (68 ref.)

Cutaneous T-cell lymphoma: a review. Winkler CF, et al. **CRC Crit Rev Oncol Hematol** 1983;1(1):49-92 (246 ref.)

Non-Hodgkin's lymphoma. Gulati SC, et al.

Indian J Pediatr 1983 Nov-Dec;50(407):667-74 (24 ref.)

Karnofsky memorial lecture. The low-grade non-Hodgkin's lymphomas: challenges and opportunities. Rosenberg SA. **J Clin Oncol** 1985 Mar;3(3):299-310 (33 ref.)

Characterization of transplantable subline MDCC-MSB1-Clo. 18 derived from MDCC-MSB1. Higashihara T, et al. **Jpn J Vet Res** 1984 Jul;32(3):155-63

The natural history of initially untreated low-grade non-Hodgkin's lymphomas. Horning SJ, et al. **N Engl J Med** 1984 Dec 6;311(23):1471-5

Homing receptors as functional markers for classification, prognosis, and therapy of leukemias and lymphomas. Kamenov B, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):211-9 (24 ref.)

Non-Hodgkin lymphoma arising in lower urinary tract. Heaney JA, et al. **Urology** 1985 May;25(5):479-84

Splenectomy for malignant lymphomas. Mitchell A, et al. **World J Surg** 1985 Jun;9(3):444-8

[Digestive localizations of non Hodgkin's malignant lymphoma. Clinical, therapeutic and prognostic aspects. Apropos of 29 cases] Delpero JR, et al. **J Chir (Paris)** 1985 Feb;122(2):75-86 (Eng. Abstr.) **(Fre)**

[Lymphoma of the intestine (editorial)] Rachmilewitz D, et al. **Harefuah** 1984 Jul;107(1-2):42-3 **(Heb)**

[Primary gastric lymphomas] Conti A. **Minerva Chir** 1984 Nov 15;39(21):1443-8 **(Ita)**

ANALYSIS

Use of monoclonal antibodies for analyzing the distribution of the intermediate filament protein vimentin in human non-Hodgkin's lymphomas. Giorno R, et al. **Am J Pathol** 1985 Sep;120(3):351-5

Immunohistological study of transferrin receptor expression in non-Hodgkin's lymphoma. Pileri S, et al. **Br J Haematol** 1984 Nov;58(3):501-8

Cellular DNA of human neoplastic B-cells measured by flow cytometry. Braylan RC, et al. **Cancer Res** 1984 Nov;44(11):5010-6

Relationship of queuine-lacking transfer RNA to the grade of malignancy in human leukemias and lymphomas. Emmerich B, et al. **Cancer Res** 1985 Sep;45(9):4308-14

Validation of a mathematical procedure for computer analysis of flow cytometric DNA data in human tumors. Del Bino G, et al. **Cytometry** 1985 Jan;6(1):31-6

Purification and chemical characterization of the receptor for interleukin 2 from activated human T lymphocytes and from a human T-cell lymphoma cell line. Urdal DL, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6481-5

Iron, zinc, copper, manganese and magnesium in malignant lymphomas. Krishna SG, et al. **Sci Total Environ** 1985 Apr;42(3):237-43

Neuronal and glial markers in tumours of neuroblastic origin. Carlei F, et al. **Virchows Arch [A]** 1984;404(3):313-24

[Comparative study of gangliosides from murine B- and T-lymphomas.] Diatlovitskaia EV, et al. **Biokhimiia** 1985 Mar;50(3):412-5 (Eng. Abstr.) **(Rus)**

[Immunoblastic sarcoma in an IgM myeloma with the appearance of a second monoclonal component] Juliá A, et al. **Sangre (Barc)** 1985;30(3):355-62 (Eng. Abstr.) **(Spa)**

BLOOD

Sensitivity for the detection of leukemic cells [letter] **Acta Haematol (Basel)** 1984;72(2):140-3

Serum LDH concentration in non-Hodgkin's lymphomas. Relationship to histologic type, tumor mass, and presentation features. Fasola G, et al. **Acta Haematol (Basel)** 1984;72(4):231-8

Osmotic fragility of peripheral blood lymphocytes in some lymphoproliferative disorders. Karalias N, et al. **Acta Haematol (Basel)** 1984;72(2):138-9

Intracellular Ca2+ buffering potentiates an 86Rb+ permeability response in human lymphocytes. Heikkilä R, et al. **Acta Physiol Scand** 1985 Jun;124(2):247-51

Cell surface fibronectin on peripheral blood lymphocytes in normal individuals and in patients with acute and chronic lymphocytic leukemia and non Hodgkin's lymphoma. Cseh K, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):35-40

Lymphoma, hypercalcemia, and serum calcitriol levels [letter] Kitoh C. **Ann Intern Med** 1985 Jul;103(1):152-3

Accumulation of HDL-like lipoproteins in the plasma low-density fractions of tumor-bearing mice. Damen J, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):495-8

Diagnostic and prognostic significance of Sézary cells in peripheral blood smears from patients with cutaneous T cell lymphoma. Vonderheid EC, et al. **Blood** 1985 Aug;66(2):358-66

Serum copper, serum ceruloplasmin, and erythrocyte sedimentation rate measurements in children with Hodgkin's disease, non-Hodgkin's lymphoma, and nonmalignant lymphadenopathy. Margerison AC, et al. **Cancer** 1985 Apr 1;55(7):1501-6

Fc gamma bearing T cells in non-Hodgkin lymphoma. Keller RH, et al. **Diagn Immunol** 1983;1(1):27-32

Serum ceruloplasmin levels in patients of leukaemias, Hodgkin's and non-Hodgkin's lymphomas. Aggarwal AK, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):347-52

Hypophosphatemia accompanying blastic crisis in a patient with malignant lymphoma. Perek J, et al. **J Cancer Res Clin Oncol** 1984;108(3):351-3

Elevations in circulating 1,25-dihydroxyvitamin D in three patients with lymphoma-associated hypercalcemia. Rosenthal N, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):29-33

Superoxide anion (O-2) production by peripheral blood monocytes in Hodgkin's disease and malignant lymphoma. Perez-Soler R, et al. **J Clin Oncol** 1985 May;3(5):641-5

Morphometry of blood monocytes in malignant lymphoma. Sokol RJ, et al. **J Clin Pathol** 1985 Aug;38(8):904-7

Inverse relationship between constitutive gamma interferon production and human T-cell lymphoma/leukemia virus expression in cultured T lymphocytes. Moore JL, et al. **J Virol** 1985 Feb;53(2):440-6

Immunoreactive thymosin alpha 1 is associated with murine T-cell lymphomas. Zatz MM, et al. **Leuk Res** 1984;8(6):1003-10

Circulating monoclonal B lymphocytes in non-Hodgkin's lymphoma. Smith BR, et al. **N Engl J Med** 1984 Dec 6;311(23):1476-81

Serum ferritin and non-Hodgkin's lymphoma. Ohnishi K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1012-6

Serum ferritin concentration in malignant lymphomas. Sacchi S, et al. **Panminerva Med** 1985 Jan-Mar;27(1):29-31

Identification of B cells in multilineage hematopoietic colonies derived from cells of patients with lymphocytic lymphoma. Fauser AA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):883-5

[Serum copper levels in malignant lymphomas] Peng JF, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):74-6, 124 (Eng. Abstr.) **(Chi)**

[Cytochemical and immunologic characteristics of lymphocytes in lymphoproliferative diseases] Soboleva TN, et al. **Lab Delo** 1984;(9):515-20 (Eng. Abstr.) **(Rus)**

[Serum levels of beta 2-microglobulin in malignant hemopathies] López Fernández A, et al. **Sangre (Barc)** 1985;30(3):320-9 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Beta 2-microglobulin levels in cerebrospinal fluid of children with leukemia and lymphoma. Pudek MR, et al. **Clin Biochem** 1985 Jun;18(3):180-3

[Meningeal involvement in acute lymphoblastic leukemia and malignant lymphoma. Value of the assay of beta 2 microglobulin in the cerebrospinal fluid (letter)] Thyss A, et al. **Presse Med** 1984 Oct 6;13(35):2149 **(Fre)**

CHEMICALLY INDUCED

Benzene as a leukemogenic and carcinogenic agent. Aksoy M. **Am J Ind Med** 1985;8(1):9-20

Multifocal aggressive lymphoma of the gastrointestinal tract in a renal transplant patient treated with cyclosporin A and prednisone. Castro CJ, et al. **Cancer** 1985 Apr 15;55(8):1665-7

Genetically determined susceptibility of Fischer 344 rats to propylnitrosourea-induced thymic lymphomas. Shisa H, et al. **Cancer Res** 1985 Apr;45(4):1483-7

Exploration of the negative correlation between proliferative hepatocellular lesions and lymphoma in rats and mice--establishment and implications. Young SS, et al. **Fundam Appl Toxicol** 1984 Aug;4(4):632-40

Lymphoid malignancies in Nebraska: a hypothesis. Weisenburger DD. **Nebr Med J** 1985 Aug;70(8):300-5

Short- and long-term studies on chemical carcinogenesis in BALB/Mo mice. Chieco-Bianchi L, et al. **Toxicol Pathol** 1984;12(4):361-8

[Diagnostic problems in hydantoin immunopathy. Review of the literature and description of 3 cases] Amadori G, et al. **Minerva Med** 1984 Nov 3;75(42):2503-19 (Eng. Abstr.) **(Ita)**

[Benzene and leukemias and malignant lymphomas] Lisiewicz J, et al. **Pol Tyg Lek** 1985 May 20;40(20):584-8 (40 ref.) **(Pol)**

CLASSIFICATION

Immunohistologic characterization of two malignant lymphomas of germinal center type (centroblastic/centrocytic and centrocytic) with monoclonal antibodies. Follicular and diffuse lymphomas of small-cleaved-cell type are related but distinct entities. Harris NL, et al. **Am J Pathol** 1984 Nov;117(2):262-72

SIg-E- ('null-cell') non-Hodgkin's lymphomas. Multiparametric determination of their B- or T-cell lineage. Knowles DM 2d, et al. **Am J Pathol** 1985 Sep;120(3):356-70

Non-Hodgkin's lymphomas: contemporary classification and correlates. Howard DR, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):326-8

Classification of non-Hodgkin's lymphomas. Reproducibility of major classification systems. NCI non-Hodgkin's Classification Project Writing Committee. **Cancer** 1985 Jan 1;55(1):91-5

Comparison of the working formulation of non-Hodgkin's lymphoma with the Rappaport, Kiel, and Lukes & Collins classifications. Translational value and prognostic significance based on review of 658 patients treated at a single institution. Ersbøll J, et al. **Cancer** 1985 May 15;55(10):2442-58

Large cell lymphomas. I. Differential diagnosis of centroblastic and B-immunoblastic subtypes by morphometry on histologic preparations. van der Valk P, et al. **Cancer** 1984 Nov 15;54(10):2082-7

Reproducibility and prognostic value of different non-Hodgkin's lymphoma classifications: study based on the clinicopathologic relations found in the EORTC trial (20751). De Wolf-Peeters C, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):579-84

Clinical and prognostic relevance of the Kiel classification of non-Hodgkin lymphomas results of a prospective multicenter study by the Kiel Lymphoma Study Group. Brittinger G, et al. **Hematol Oncol** 1984 Jul-Sep;2(3):269-306 (77 ref.)

B-cell neoplasms of the lymphocytic, lymphoplasmacytoid, and plasma cell types: immunohistologic analysis and clinical correlation. Harris NL, et al. **Hum Pathol** 1985 Aug;16(8):829-37

Immunoblastic sarcoma of T- and B-cell types: morphologic description and comparison. Schneider DR, et al. **Hum Pathol** 1985 Sep;16(9):885-900

Morphological subclassification of follicular lymphoma: variability of diagnoses among hematopathologists, a collaborative study between the Repository Center and Pathology Panel for Lymphoma Clinical Studies. Metter GE, et al. **J Clin Oncol** 1985 Jan;3(1):25-38

Non-Hodgkin's lymphoma for the nononcologist. Hait WN, et al. **JAMA** 1985 Mar 8;253(10):1431-5

Post-transplantation reticulum-cell sarcoma reclassified as B-cell lymphoma [letter] Sedmak DD, et al. **N Engl J Med** 1985 May 16;312(20):1329-30

T-cell receptor gene rearrangements as markers of lineage and clonality in T-cell neoplasms. Flug F, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3460-4

Non-Hodgkin's lymphomas involving Waldeyer's ring: a proposal for clinical categorization. Hayabuchi N, et al. **Radiat Med** 1984 Oct-Dec;2(4):252-9

[Disputable problems of classification of malignant lymphoproliferative diseases] Faĭnshtein FE, et al. **Gematol Transfuziol** 1985 Jun;30(6):3-9 **(Rus)**

[Concerning lymphomas] Albores-Saavedra J, et al. **Gac Med Mex** 1983 Jul;119(7):289-94 **(Spa)**

COMPLICATIONS

Primary malignant lymphoma of the brain in acquired immune deficiency syndrome [letter] Reyes CV. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):85-6

Idiopathic myelofibrosis complicated by lymphoma. Report of two cases. Epstein RJ, et al. **Acta Haematol (Basel)** 1985;73(1):40-4

Parkinsonian syndrome and central nervous system lymphoma involving the substantia nigra. A case report. Gherardi R, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):338-43

Systemic candidiasis in cancer patients. Maksymiuk AW, et al. **Am J Med** 1984 Oct 30;77(4D):20-7

An unusual cause of back pain in a young athlete. A case report. Clark A, et al. **Am J Sports Med** 1985 Jan-Feb;13(1):51-4

Pneumocystis carinii in bone marrow [letter] Rossi JF, et al. **Ann Intern Med** 1985 Jun;102(6):868

Central neurogenic hyperventilation in a conscious patient with a primary cerebral lymphoma. Bateman DE, et al. **Ann Neurol** 1985 Apr;17(4):402-5

High-grade non-Hodgkin's lymphoma in patients with AIDS. Ziegler JL, et al. **Ann NY Acad Sci** 1984;437:412-9

Coexistence of pemphigus foliaceus and mycosis fungoides. Sarnoff DS, et al. **Arch Dermatol** 1985 May;121(5):669-72

Panniculitis associated with cutaneous T-cell lymphoma and cytophagocytic histiocytosis. Aronson IK, et al. **Br J Dermatol** 1985 Jan;112(1):87-96

Ulcerative colitis complicated by lymphoma and adenocarcinoma. Hope-Ross M, et al. **Br J Surg** 1985 Jan;72(1):22

Primary lymphoma of the anal canal presenting as perianal suppuration. Steele RJ, et al. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):311

Adult T-cell leukemia-lymphoma with mediastinal involvement and an asymptomatic chronic phase. Amato D, et al. **Can Med Assoc J** 1984 Sep 15;131(6):595-600

Hypercalcemia preferentially occurs in unusual forms of childhood non-Hodgkin's lymphoma, rhabdomyosarcoma, and Wilms' tumor. A study of 11 cases. Leblanc A, et al. **Cancer** 1984 Nov 15;54(10):2132-6

Non-Hodgkin's lymphoma associated with pregnancy. A report of six cases, with a review of the literature. Steiner-Salz D, et al. **Cancer** 1985 Oct 15;56(8):2087-91

Fungal infections in hematological neoplastic disease: the possibility of chemoprophylaxis. Fanci R, et al. **Chemioterapia** 1984 Oct;3(5):310-5

Hypereosinophilic syndrome preceding T cell lymphoblastic lymphoma. Keidan AJ, et al. **Clin Lab Haematol** 1985;7(1):83-8

The sign of Leser-Trélat associated with primary lymphoma of the brain. Kaplan DL, et al. **Cutis** 1984 Aug;34(2):164-5

Characteristics and prognostic value of pleural effusions in non-Hodgkin's lymphomas. Xaubet A, et al. **Eur J Respir Dis** 1985 Feb;66(2):135-40

Early occurrence of acute non lymphocytic leukaemia in B-cell non-Hodgkin's lymphoma. Fanin R, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):721-9

Intestinal lymphocytic lymphoma with monoclonal IgM gammopathy and bullous dermatitis. Leone G, et al. **Haematologica (Pavia)** 1984 Nov-Dec;69(6):707-14

Gamma 3 heavy chain disease and monoclonal IgMk in a patient with a gastrointestinal lymphoma. Roda L, et al.

Haematologica (Pavia) 1985 Mar–Apr;70(2):115–9

Acute febrile neutrophilic dermatosis (Sweet's syndrome) associated with lymphoma. Krolikowski FJ, et al. **Hum Pathol** 1985 May;16(5):520–2

Primary B cell lymphoma of thyroid gland with co-existing Hashimoto's disease. A case report. Mithilesh C, et al. **Indian J Pathol Microbiol** 1984 Oct;27(4):263–7

Intractable heart failure, conduction disturbances and myocardial infarction by massive myocardial invasion of malignant lymphoma. Miyazaki T, et al. **J Am Coll Cardiol** 1985 Oct;6(4):937–41

Orbitocalvarial swelling and proptosis as an early manifestation of systemic lymphoma. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):173–80

Porphyria cutanea tarda associated with lymphoma. Adrados G, et al. **J Dermatol (Tokyo)** 1984 Aug;11(4):403–6

Acute Epstein–Barr virus infection and diffuse large–cell lymphoma. Sato T. **J Infect** 1985 May;10(3):265–7

Intrathoracic lymphadenopathy in malignant lymphoma and acute lymphoblastic leukemia. Wanachiwanawin W, et al. **J Med Assoc Thai** 1984 Dec;67(12):663–9

Case report: bronchiolitis obliterans with multinodular lung densities and lymphoma. Cholankeril J, et al. **J Med Soc NJ** 1985 Jan;82(1):35–7

Epidural spinal cord compression as the initial finding in childhood acute leukemia and non–Hodgkin lymphoma. Pui CH, et al. **J Pediatr** 1985 May;106(5):788–92

Primary lymphoma of Meckel diverticulum: a case report. Al–Dabbagh AI, et al. **J Surg Oncol** 1985 Jan;28(1):19–20

B cell malignant lymphoma in a patient with progressive systemic sclerosis and Sjögren's syndrome. Report of a case and review of the literature. Sugai S, et al. **Jpn J Med** 1985 May;24(2):155–63

Association between Bell's palsy and lymphoid malignancies. Cartwright RA, et al. **Leuk Res** 1985;9(1):31–3

Lactic acidosis––a review of the association with neoplastic disorder. Johnson DA, et al. **Milit Med** 1985 Apr;150(4):206–8

Symposium on infections in the compromised host. Hodgkin's disease and non–Hodgkin's lymphomas. Terry BA. **Nurs Clin North Am** 1985 Mar;20(1):207–17

Oral presentations in non–Hodgkin's lymphoma: a review of thirty–one cases. Part III. Six cases in children. Eisenbud L, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):44–51

Pulmonary polymorphic centroblastic type malignant lymphoma in a patient with lymphomatoid granulomatosis, Sjögren syndrome and other manifestations of a dysimmune state. Capron F, et al. **Pathol Res Pract** 1985 May;179(6):656–65

Breast lumps and lymphoma. Ellis M, et al. **Postgrad Med J** 1985 Jun;61(716):521–2

Acquired immunodeficiency syndrome (AIDS). Masur H. **Prog Clin Biol Res** 1985;182:271–6

Development of lymphoma in patients with Crohn disease. Glick SN, et al. **Radiology** 1984 Nov;153(2):337–9

Brain abscesses due to Pseudallescheria boydii associated with primary non–Hodgkin's lymphoma of the central nervous system: a case report and literature review. Yoo D, et al. **Rev Infect Dis** 1985 Mar–Apr;7(2):272–77

[Hyperuricemic acute renal failure due to lymphoma and leukemia––report of 4 cases] Zhang JH. **Chung Hua Nei Ko Tsa Chih** 1984 Sep;23(9):566–8 (Eng. Abstr.) **(Chi)**

[Hypercalcemia associated with tumors in children. 20 cases] Leblanc A, et al. **Arch Fr Pediatr** 1984 Oct;41(8):551–5 (Eng. Abstr.) **(Fre)**

[Epidural compression of the cervical spine and cauda equina by a malignant non–Hodgkin's lymphoma] Boucetta M, et al. **Maroc Med** 1985 Jun;7(2):598–602 (Eng. Abstr.) **(Fre)**

[Dural venous sinus occlusions in hemopathies] Meininger V, et al. **Rev Neurol (Paris)** 1985;141(3):228–33 (Eng. Abstr.) **(Fre)**

[Deep mycoses in leukemias and malignant lymphomas] Donhuijsen K, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):903–7 (Eng. Abstr.) **(Ger)**

[Transitory oligoclonal paraproteinemia with virus infection and malignant lymphatic disease] Hermes C, et al. **Dtsch Med Wochenschr** 1985 May 24;110(21):837–40 (Eng. Abstr.) **(Ger)**

[Reactivation of tuberculosis in leukemias and malignant lymphomas under immunosuppressive therapy] Hennemann HH, et al. **Internist (Berlin)** 1985 Jun;26(6):352–6 **(Ger)**

[Hypercalcemia in non–Hodgkin lymphoma] Baechler R, et al. **Schweiz Med Wochenschr** 1985 Mar 9;115(10):332–4 (Eng. Abstr.) **(Ger)**

[Lymphatic reaction presenting as immunocytoma within the framework of carcinomas] Heinz R, et al. **Wien Klin Wochenschr** 1985 Feb 1;97(3):122–6 (Eng. Abstr.) **(Ger)**

[Malignant immunoblastic lymphoma under a pneumolytic scar in pleural empyema] Luther R, et al. **Z Gesamte Inn Med** 1984 Aug 15;39(16):399–402 (Eng. Abstr.) **(Ger)**

[Treatment of meningeal carcinomatosis––neocarzinostatin perfusion therapy in the CSF pathway] Uemura S, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1794–800 (Eng. Abstr.) **(Jpn)**

[Effect of cefminox on severe infections accompanying hematological diseases] Saito T, et al. **Jpn J Antibiot** 1985 Jan;38(1):114–20 (Eng. Abstr.) **(Jpn)**

[A case of non–Hodgkin's lymphoma with pyothorax] Iuchi K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec;22(12):1165–9 (Eng. Abstr.) **(Jpn)**

[A case of cholesterol pneumonitis] Tashiro T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov;22(11):1046–50 (Eng. Abstr.) **(Jpn)**

[A case with immunoblastic lymphadenopathy (IBL) like T–cell lymphoma accompanied by hepatic cirrhosis] Ohta H, et al. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):70–5 **(Jpn)**

[The causes of death in severe hematologic disorders. Increasing fatal fungal infection in hematologic malignancies] Kawano F, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1065–72 (Eng. Abstr.) **(Jpn)**

[Immunohistologic studies on Castleman lymphoma in two cases of plasma cell dyscrasia with polyneuropathy and endocrinopathy (Takatsuki's disease)] Taneichi K, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1266–72 (Eng. Abstr.) **(Jpn)**

[A study of amyloidogenesis in relation to SAA levels in inflammatory diseases] Tomita M, et al. **Ryumachi** 1985 Apr;25(2):110–4 (Eng. Abstr.) **(Jpn)**

[Chylothorax in lymphoma] Wiatr E, et al. **Pneumonol Pol** 1984 Aug;52(8):385–91 (Eng. Abstr.) **(Pol)**

[Pulmonary aspergillosis in lymphoproliferative disease] Załeska J, et al. **Pneumonol Pol** 1984 May;52(5):257–63 (Eng. Abstr.) **(Pol)**

[Acyclovir (Zovirax) in the treatment of Herpesvirus infections in children with neoplasms] Kubiczek K, et al. **Pol Tyg Lek** 1984 May 28;39(22):755–7 (Eng. Abstr.) **(Pol)**

[Case of massive gastrointestinal hemorrhage with coexistent symptoms of 'acute abdomen' caused by multifocal malignant lymphoma of the small intestine] Bernat M, et al. **Wiad Lek** 1985 Jan 1;38(1):63–6 (Eng. Abstr.) **(Pol)**

[Use of acyclovir in the treatment of herpes infections in patients with malignant hemopathies] Ruvidić R, et al. **Srp Arh Celok Lek** 1984 May;112(5):591–7 (Eng. Abstr.) **(Scc)**

[Primary lymphoma of the skin in a 10–year–old child with dermatomyositis] Lehotská V, et al. **Cesk Pediatr** 1984 Sep;39(9):528–31 (Eng. Abstr.) **(Slo)**

[Serum IgA–lambda monoclonal gammopathy in a patient with immunoblastic sarcoma with IgM–kappa cell surface immunoglobulin] Urbano Ispizua A, et al. **Med Clin (Barc)** 1985 Mar 16;84(10):405–7 (Eng. Abstr.) **(Spa)**

[Immunoblastic sarcoma associated with dermatitis herpetiformis] Bordas X, et al. **Med Cutan Iber Lat Am** 1984;12(3):239–43 (Eng. Abstr.) **(Spa)**

[Non–Hodgkin's lymphoma associated with hypercalcemia, multiple osteolytic lesions and diabetes insipidus] Pereira J, et al. **Rev Med Chil** 1984 Jul;112(7):689–92 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Endoscopic diagnosis of gastric ulcer. Evaluation of the benefits of endoscopic follow–up observation for malignancy. Trägårdh B, et al. **Acta Chir Scand** 1985;151(1):37–41

Preoperative cytologic diagnosis of primary gastrointestinal malignant lymphoma. Lozowski W, et al. **Acta Cytol (Baltimore)** 1984 Sep–Oct;28(5):563–70

Gynecologic presentation of pelvic lymphoma. Beckman EM, et al. **Acta Obstet Gynecol Scand** 1985;64(1):85–6

Comparison of 99Tcm lymphoscintigraphy and lymphangiography in patients with malignant lymphomas. Taaning E, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan–Feb;26(1):79–83

Could beta–2–microglobulin be a useful diagnostic tool in malignant lymphoma and other haematological malignancy? Krč I, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:231–8

Magnetic resonance imaging of hepatic lymphoma. Weinreb JC, et al. **AJR** 1984 Dec;143(6):1211–4

Detection of posterior mediastinal lymphoma by pulsed Doppler echocardiography. Kinney EL, et al. **Am Heart J** 1984 Nov;108(5):1365–9

Immunologic methods in cytology: definitive diagnosis of non–Hodgkin's lymphomas using immunologic markers for T– and B–cells. Martin SE, et al. **Am J Clin Pathol** 1984 Dec;82(6):666–73

Gastric lymphoma versus pseudolymphoma: the importance of immunological differentiation. Lerman–Sagie T, et al. **Am J Gastroenterol** 1985 Oct;80(10):763–6

Polymorphic B–cell lymphoma of the eyelid. Lins ME, et al. **Am J Ophthalmol** 1984 Nov;98(5):634–5

Lymphoma of the head and neck. A diagnostic dilemma. Larson DL, et al. **Am J Surg** 1984 Oct;148(4):433–7

Diagnostic importance of immunological markers in lymphoma involving the central nervous system. Ezrin–Waters C, et al. **Ann Neurol** 1984 Dec;16(6):668–72

Diagnostic laparotomy in suspected malignant lymphoma. Barr LC, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):402–4

Immunocytoma of the skin simulating lymphadenosis benigna cutis. van der Putte SC, et al. **Arch Dermatol Res** 1985;277(1):36–43

The role of computed tomography and other imaging modalities in malignant lymphoma. Rickard MT. **Australas Radiol** 1984 May;28(2):140–7

The value of immunocytochemical methods in the differentia diagnosis of anaplastic thyroid tumours. Ralfkiaer N, et al. **Br J Cancer** 1985 Aug;52(2):167–70

Unifocal lymphomas of the oral cavity. Barker GR. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):426–30

Lymphomas presenting as lumps in the parotid region. Watkin GT, et al. **Br J Surg** 1984 Sep;71(9):701–2

T cell leukemia/lymphoma in Trinidad [letter] Bartholomew C, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1824

Diagnosis by bronchoalveolar lavage of cause of pulmonary infiltrates in haematological malignancies. Costabel U, et al. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1041

A narrow escape from splenectomy. Jones L, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):687–8

Large cell lymphoma. II. Differential diagnosis of centroblastic and B–immunoblastic subtypes by morphometry on cytologic preparations. Ball PJ, et al. **Cancer** 1985 Jan 15;55(2):486–92

Hepatic tumors in Saudi Arabia. A practical approach to diagnosis. Kingston M, et al. **Cancer** 1985 Apr 1;55(7):1579–85

Primary pulmonary lymphoma. A clinical and immunohistochemical study of six cases. Peterson H, et al. **Cancer** 1985 Aug 15;56(4):805–13

Parametrial needle biopsy: follow–up of pelvic malignancies. Selim MA, et al. **Cancer Detect Prev** 1984;7(4):269–73

A histologically occult lymphoma revealed by electron microscopy. Shelley WB, et al. **Cutis** 1985 Mar;35(3):238–44

Monoclonal antibodies against immunoglobulin classes as standardizable reagent in B–cell lymphoma and leukemia diagnosis. Ernst M, et al. **Dev Biol Stand** 1984;57:325–9

Primary gastric lymphoma versus gastric cancer. An endoscopic and radiographic study of differential diagnostic possibilities. Fork FT, et al. **Endoscopy** 1985 Jan;17(1):5–7

Discriminant analysis of Hodgkin's disease and non–Hodgkin's lymphomas by age and serum proteins. Merucci P, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1243–7

Nipple oedema: an unusual presenting sign of non–Hodgkin's lymphoma. Bundred NJ, et al. **Eur J Surg Oncol** 1985 Mar;11(1):61–3

Mediterranean abdominal lymphoma [letter] Almici C, et al. **Haematologica (Pavia)** 1984 Jul–Aug;69(4):505

Discrimination of leukemias, lymphomas, and non–neoplastic controls by retroviral serum markers. Hehlmann R, et al. **Hamatol Bluttransfus** 1985;29:207–14

The use of antibodies to intermediate filament proteins in the differential diagnosis of lymphoma versus metastatic carcinoma. Ramaekers FC, et al. **Histochem J** 1985 Jan;17(1):57–70

Primary lymphoma of the breast. Telesinghe PU, et al. **Histopathology** 1985 Mar;9(3):297–307

Leukocyte common antigen––a diagnostic discriminant between hematopoietic and nonhematopoietic neoplasms in paraffin sections using monoclonal antibodies: correlation with immunologic studies and ultrastructural localization. Kurtin PJ, et al. **Hum Pathol** 1985 Apr;16(4):353–65

Limitations encountered in the application of tissue section immunodiagnosis to the study of lymphomas and related disorders. Warnke RA, et al. **Hum Pathol** 1985 Apr;16(4):326–31

Cytodiagnosis of Lennert's lymphoma. Das DK, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):161–8

Sonographic evaluation of children with urinary retention caused by an extragonadal pelvic mass. Kangarloo H, et al. **Int J Pediatr Nephrol** 1985 Apr–Jun;6(2):137–42

Cutaneous B cell lymphoma: diagnostic use of monoclonal antibodies. Hanno R, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):373–7

Nodular lymphoid disease of the head and neck: lymphocytoma cutis, benign lymphocytic infiltrate of Jessner, and their distinction from malignant lymphoma. Van Hale HM, et al. **J Am Acad Dermatol** 1985 Mar;12(3):455–61

Lymphangiography, ultrasonography, and computed tomography in Hodgkin's disease and non–Hodgkin's lymphoma. Clouse ME, et al. **J Comput Tomogr** 1985 Jan;9(1):1–8

Yorkshire Regional Lymphoma Histopathology panel: analysis of five years' experience. Bird CC, et al. **J Pathol** 1984 Aug;143(4):249–58

Primary lymphoma of bone presenting as monoarthritis. Rice DM, et al. **J Rheumatol** 1984 Dec;11(6):851–4

Non–Hodgkin's lymphomas presenting with gastrointestinal involvement. Siegert W, et al. **Klin Wochenschr** 1985 Jan 15;63(2):56–61

Two cases of intracranial malignant lymphoma––clinical and pathological differences in intracerebral infiltration between primary intracranial lymphoma and systemic malignant lymphoma. Hara K, et al. **Kurume Med J** 1984;31(2):107–13

Increase in high–grade lymphomas in young men. Boring CC, et al. **Lancet** 1985 Apr 13;1(8433):857–9

Practical importance of immunostaining paraffin–embedded biopsy samples of small lymphocytic and follicle centre cell lymphomas for S100 protein [letter] Carbone A, et al. **Lancet** 1985 Sep 14;2(8455):617

Rearrangement of the T–cell–receptor beta–chain gene in the diagnosis of lymphoproliferative disorders. O'Connor

NT, et al. **Lancet** 1985 Jun 8;1(8441):1295-7

Significance of immunological, cytochemical and immunohistochemical methods in the diagnosis of malignant lymphomas. Mioduszewska O, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):44-9

Significance of immunological, cytochemical and immunohistochemical methods in the diagnosis of malignant lymphomas. Mioduszewska O, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):44-9

T-cell receptors [editorial] Desforges JF. **N Engl J Med** 1985 Aug 29;313(9):576-7

Lymphoma presenting as a traumatic hematoma in an HTLV-III antibody-positive hemophiliac [letter] Ragni MV, et al. **N Engl J Med** 1985 Sep 5;313(10):640

Unusual B-cell cancers that produce bone-resorbing factors and can mimic multiple myeloma [letter] Rossi JF, et al. **N Engl J Med** 1985 May 2;312(18):1192

Monoclonal antibodies in the histopathological diagnosis of non-Hodgkin lymphomas. Meijer CJ, et al. **Neth J Med** 1985;28(3):138-41

Primary lymphoma of the central nervous system diagnosed by computed tomographic scan-directed needle biopsy with a frozen section immunoperoxidase technique. Pearl GS, et al. **Neurosurgery** 1985 Jan;16(1):1-4

Follicular lymphoid hyperplasia of the hard palate simulating lymphoma. Harsany DL, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):349-56

Magnetic resonance imaging of lymphomas in children. Cohen MD, et al. **Pediatr Radiol** 1985;15(3):179-83

Lymphoma of the thyroid gland associated with mycosis fungoides: sonographic, scintigraphic and CT features. Balachandran S, et al. **Radiat Med** 1984 Oct-Dec;2(4):211-3

Case study of patient with disease of the kidneys involving diagnostic imaging. Maycock TL, et al. **Radiography** 1985 Mar-Apr;51(596):113-8

Characterization of lymphadenopathy by magnetic resonance relaxation times: preliminary results. Dooms GC, et al. **Radiology** 1985 Jun;155(3):691-7

Pulmonary pseudolymphoma. Kilgore TL, et al. **South Med J** 1984 Oct;77(10):1320-2

Childhood non-Hodgkin's lymphoma. Buchanan GR. **Tex Med** 1985 Mar;81(3):46-9 (13 ref.)

[Diagnosis of malignant lymphoma] Mačák J. **Vnitr Lek** 1984 Dec;30(12):1166-8 (Eng. Abstr.) **(Cze)**

[Malignant lymphoma of the nasal cavity] Kristensen S, et al. **Ugeskr Laeger** 1984 Sep 3;146(36):2704 (Eng. Abstr.) **(Dan)**

[Diagnosis and treatment of non-Hodgkin lymphoma] de Pauw BE, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13; 129(15):675-9 **(Dut)**

[Lymphoma of the kidney. Value of echography and x-ray computed tomography] Bruneton JN, et al. **J Radiol** 1984 Nov;65(11):755-60 (Eng. Abstr.) **(Fre)**

[Ultrasonic diagnosis of renal lymphoma in children. A series of 18 cases] Hamdouch M, et al. **J Radiol** 1985 Mar; 66(3):209-13 (Eng. Abstr.) **(Fre)**

[Testicular lymphoma in echography. Apropos of 2 cases] Martin-Lalardrie B, et al. **J Radiol** 1985 Feb;66(2):125-9 (Eng. Abstr.) **(Fre)**

[Endobronchial non-Hodgkin's lymphoma. Apropos of a case] Herman DP, et al. **Rev Pneumol Clin** 1984;40(6):383-4 (Eng. Abstr.) **(Fre)**

[Primary non-Hodgkin malignant lymphoma of the stomach (apropos of 8 cases)] Fredj M, et al. **Tunis Med** 1984 Mar-Apr;62(2):105-11 (Eng. Abstr.) **(Fre)**

[Analysis of surface markers on cerebrospinal fluid-producing cells. Contribution to the differential diagnosis of intrathecal lymphomas] Hohlfeld R, et al. **Dtsch Med Wochenschr** 1984 Nov 16;109(46):1760-2 (Eng. Abstr.) **(Ger)**

[Diagnostic value of sonography, computerized tomography and lymphography in malignant lymphoma] Wolff P, et al. **Fortschr Med** 1985 Jun 27;103(24):643-8 (Eng. Abstr.) **(Ger)**

[Diagnosis of primary non-Hodgkin lymphomas of the central nervous system] Böhm P, et al. **Fortschr Neurol Psychiatr** 1984 Aug;52(8):284-91 (Eng. Abstr.) **(Ger)**

[Value of ultrasound study in lymphomas of the neck] Türk R, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):185-7 (Eng. Abstr.) **(Ger)**

[Diagnosis of extranodal involvement of non-Hodgkin's lymphoma in the abdominal and retroperitoneal space using sonography and computed tomography] Beyer D, et al. **Radiologe** 1985 May;25(5):206-12 (Eng. Abstr.) **(Ger)**

[Possibilities of diagnosing lymphoma with MR-tomography--comparison with other imaging technics] Steinbrich W, et al. **Radiologe** 1985 May; 25(5):199-205 (Eng. Abstr.) **(Ger)**

[Unrecognized malignant lymphomas simulating a primary gynecologic malignancy] Obwegeser J, et al. **Schweiz Med Wochenschr** 1984 Oct 27;114(43):1484-92 (Eng. Abstr.) **(Ger)**

[Sonography in the diagnosis of an unusual splenic tumor] Heilmeyer P, et al. **Ultraschall Med** 1984 Aug;5(4):167-9 (Eng. Abstr.) **(Ger)**

[Ultrasound diagnosis of malignant lymphomas] Lössner C, et al. **Z Gesamte Inn Med** 1984 Dec 1;39(23):590-2 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic problems of primary non-Hodgkin lymphoma of the stomach] Mokros W, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):117-21 (Eng. Abstr.) **(Ger)**

[Immunological diagnosis of cutaneous lymphomas. II. Membrane receptor for Helix pomatia lectin on lymphocytes: a new immunohistological marker for T-lymphocytes and Sezary cells] Trost TH. **Z Hautkr** 1985 Jan;60(1-2):67-70 (Eng. Abstr.) **(Ger)**

[IgM/kappa-immunoblastoma of the brain following Hodgkin's disease. Report on a clinical case and review of literature] Gerlach H, et al. **Zentralbl Allg Pathol** 1984; 129(4):343-56 (Eng. Abstr.) **(Ger)**

[Lymphocyte uroporphyrinogen synthase in the diagnosis of lymphoma and its follow-up] Lahav M, et al. **Harefuah** 1985 Mar 1;108(5):243-5 (Eng. Abstr.) **(Heb)**

[Differentiation of chronic lymphoid leukemia from the leukemic phase of non-Hodgkin's lymphoma using the M-rosette formation test] Pecze K, et al. **Orv Hetil** 1985 Jul 28;126(30):1835-6 (Eng. Abstr.) **(Hun)**

[A case of malignant lymphoma with circulating hairy cells (letter)] La Gioia A, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):186 **(Ita)**

[Pseudolymphoma of the lung: an interpretative doubt. Apropos of a case] Borgognone A, et al. **Minerva Chir** 1985 Jan 15-31;40(1-2):49-53 (Eng. Abstr.) **(Ita)**

[Primary lymphoma of the stomach. Review of the literature and presentation of a clinical case] Marino G, et al. **Minerva Chir** 1984 May 31;39(10):835-41 (Eng. Abstr.) **(Ita)**

[Proposal of a diagnostic protocol for gastric lymphoma] Spalluto F, et al. **Minerva Chir** 1984 May 31;39(10):805-9 (Eng. Abstr.) **(Ita)**

[Gastric pseudolymphoma. Experience with 3 clinical cases] Morini S, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):417-9 (Eng. Abstr.) **(Ita)**

[Screening of swellings of the neck by real-time echography] Rizzi B, et al. **Minerva Med** 1984 Sep 22;75(36):2057-8 **(Ita)**

[A case of pseudolymphoma originating in the thymic region] Kamatani N, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):114-8 (Eng. Abstr.) **(Jpn)**

[A case of so-called Lennert's lymphoma, suspected of sarcoidosis due to uveitis occurring first and elevation of serum angiotensin-converting enzyme (ACE)] Tamura A, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Nov; 22(11):1033-9 (Eng. Abstr.) **(Jpn)**

[Urinary polyamine analysis and its clinical significance. II. Analysis by enzymatic assay method and its clinical application. I. Urinary polyamines in patients with hematologic malignancies] Nagoshi H, et al. **Rinsho Byori** 1984 Jul;Spec No 59:123-30 **(Jpn)**

[Surface marker analysis of lymphoid malignancy] Takiguchi T, et al. **Rinsho Byori** 1984 Sep;32(9):946-53 (8 ref.) **(Jpn)**

[Image diagnosis of malignant lymphoma of the breast] Tanaka M, et al. **Rinsho Hoshasen** 1985 Jan;30(1):117-9 (Eng. Abstr.) **(Jpn)**

[Early diagnosis of an abdominal form of non-Hodgkin lymphoma in children] Dłużniewska A, et al. **Pol Tyg Lek** 1985 May 20;40(20):573-5 **(Pol)**

[Comparison of various clinical and hematological features of various types of non-Hodgkin lymphomas of a low degree of malignancy in relation to age groups] Dwilewicz-Trojaczek J, et al. **Pol Tyg Lek** 1985 May 20; 40(20):569-72 **(Pol)**

[Diagnosis and treatment of malignant lymphoma of the eye] Gabryś K, et al. **Przegl Lek** 1984;41(8):525-7 (18 ref.) **(Pol)**

[Peripheral lymph node excision for diagnostic purposes in surgical practice] Przystasz T. **Wiad Lek** 1984 Oct 15; 37(20):1581-5 (Eng. Abstr.) **(Pol)**

[Cytoenzymologic diagnosis of malignant lymphomas and cancer metastases into the lymph nodes] Zverkova AS, et al. **Gematol Transfuziol** 1984 Aug;29(8):11-4 (Eng. Abstr.) **(Rus)**

[Diagnosis and treatment of lymphogranulomatosis and lymphomas of the stomach] Sotnikov VN, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):19-21 (Eng. Abstr.) **(Rus)**

[Systemic diseases at a tuberculosis clinic] Marga OIa, et al. **Probl Tuberk** 1985;(2):27-31 (Eng. Abstr.) **(Rus)**

[Clinical and immunological characteristics of erythrodermal lymphomas of the skin] Shaposhnikov OK, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):4-9 (Eng. Abstr.) **(Rus)**

[Diagnosis of malignant lymphomas (review of the literature)] Zolotkov AG, et al. **Vestn Rentgenol Radiol** 1984 Nov-Dec;(6):64-9 (44 ref.) **(Rus)**

[Diagnosis of malignant lymphoma] Banićević B. **Bilt Hematol Transfuz** 1982;10(2-3):79-99 **(Scr)**

[Non-Hodgkin's lymphoma with primary testicular manifestation. Presentation of 3 cases] Isorna S, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):237-41 (Eng. Abstr.) **(Spa)**

[Mediterranean lymphoma in a patient of advanced age (letter)] Llobell Seguí G, et al. **Med Clin (Barc)** 1985 Apr 30;84(16):674-5 **(Spa)**

[Primary gastric lymphomas] González Martínez J, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):236-40 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Atypical tumor lysis syndrome in a patient with T cell lymphoma treated with recombinant leukocyte interferon. Fer MF, et al. **Am J Med** 1984 Nov;77(5):953-6

High-dose cytosine arabinoside. Active agent in treatment of non-Hodgkin's lymphoma. Shipp MA, et al. **Am J Med** 1984 Nov;77(5):845-50

Evaluation of the LSA2L2 protocol for treatment of childhood non-Hodgkin's lymphoma. A report from the Polish Children's Leukemia/Lymphoma Study Group. Bogusławska-Jaworska J, et al. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):363-70

Chemotherapy for large-cell lymphoma: optimism and caution. Coleman M. **Ann Intern Med** 1985 Jul;103(1):140-2

Risk of acute nonlymphocytic leukemia and preleukemia in patients treated with cyclophosphamide for non-Hodgkin's lymphomas. Comparison with results obtained in patients treated for Hodgkin's disease and ovarian carcinoma with other alkylating agents. Pedersen-Bjergaard J, et al. **Ann Intern Med** 1985 Aug;103(2):195-200

Antibodies as carriers of cancer chemotherapeutic agents. Ghose T, et al. **Ann NY Acad Sci** 1985;446:213-27

Remission of arthritis and radiological improvement after combination therapy for non-Hodgkin's lymphoma in a patient with rheumatoid arthritis undergoing treatment with D-penicillamine. Sheldon P, et al. **Ann Rheum Dis** 1985 Aug;44(8):556-8

Role of fluroacetate in the toxicity of 2-fluroethylnitrosoureas. Tisdale MJ, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3323-7

Effect of a luteinizing hormone releasing hormone agonist given during combination chemotherapy on posttherapy fertility in male patients with lymphoma: preliminary observations. Johnson DH, et al. **Blood** 1985 Apr; 65(4):832-6

Intravenous and oral demethoxydaunorubicin (NSC 256-439) in the treatment of acute leukemia and lymphoma: a pilot study. Eridani S, et al. **Blut** 1985 Jun;50(6):369-72

CHOP-firstline treatment in NHL with unfavorable prognosis--evaluation of therapeutic response and factors influencing prognosis. Heinz R, et al. **Blut** 1985 May; 50(5):267-76

Superior therapeutic activity of liposome-associated adriamycin in a murine metastatic tumour model. Gabizon A, et al. **Br J Cancer** 1985 May;51(5):681-9

Successful chemotherapy with deoxycoformycin in adult T-cell lymphoma-leukaemia. Daenen S, et al. **Br J Haematol** 1984 Dec;58(4):723-7

Massive chemotherapy with autologous bone marrow transplantation in 50 cases of bad prognosis non-Hodgkin's lymphoma. Philip T, et al. **Br J Haematol** 1985 Aug; 60(4):599-609

High-dose cytosine arabinoside in previously treated patients with poor-prognosis non-Hodgkin's lymphoma. Adelstein DJ, et al. **Cancer** 1985 Oct 1;56(7):1493-6

The hematologic malignancies. Leukemia, lymphoma, and myeloma. Freireich EJ, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2741-50 (65 ref.)

VP-16-213 in the treatment of stage III and IV diffuse large cell lymphoma. Jacobs P, et al. **Cancer** 1985 Sep 1; 56(5):1006-13

Secondary non-hematopoietic cancers arising following treatment of hematopoietic disorders. Krause JR, et al. **Cancer** 1985 Feb 1;55(3):512-5

Stages IE and IIE non-Hodgkin's lymphomas of the stomach. Comparison of treatment modalities. Maor MH, et al. **Cancer** 1984 Dec 1;54(11):2330-7

Transient neurologic dysfunction following moderate-dose methotrexate for undifferentiated lymphoma. Martino RL, et al. **Cancer** 1984 Nov 1;54(9):2003-5

Cis-dichlorodiammineplatinum (cis-platinum) and etoposide (VP-16) in malignant lymphoma--an effective salvage regimen. Judson IR, et al. **Cancer Chemother Pharmacol** 1985;14(3):258-61

Combination chemotherapy for advanced non-Hodgkin's lymphomas other than diffuse histiocytic or undifferentiated histologies. Anderson KC, et al. **Cancer Treat Rep** 1984 Nov;68(11):1343-50

Phase II study with amsacrines (m-AMSA and m-AMSA lactate) in refractory lymphomas. Bajetta E, et al. **Cancer Treat Rep** 1985 Sep;69(9):965-9

Treatment of relapsed non-Hodgkin's lymphoma with a combination of hydroxyurea, ifosfamide, and etoposide. Gasser AB, et al. **Cancer Treat Rep** 1985 Feb;69(2):225-6

Phase II trial of vinzolidine, an oral vinca alkaloid, in Hodgkin's disease and non-Hodgkin's lymphoma. Takasugi BJ, et al. **Cancer Treat Rep** 1984 Nov;68(11):1399-401

Current problems in the management of non-Hodgkin's lymphomas. Heinz R, et al. **Cancer Treat Rev** 1984 Dec; 11(4):307-10

2-Methyl-9-hydroxyellipticinium acetate (ellipticinium) in the treatment of lymphomas. Preliminary results of a phase II study. Tura S, et al. **Chemioterapia** 1984 Apr;3(2):79-82

Chemotherapy of testicular cancer at Yale: 1976-1982. Lin J, et al. **Conn Med** 1985 Jan;49(1):6-8

An EORTC phase II study of mitoxantrone in solid tumors and lymphomas. De Jager R, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1369-75

CHOP vs MEV for the treatment of non-Hodgkin's lymphoma of unfavourable histopathology: a randomized clinical trial. Hagberg H, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):175-9

'Smouldering' and symptomatic forms of central nervous system involvement in the course of non-Hodgkin's lymphoma in children. Dluzniewska A, et al. **Folia Haematol (Leipz)** 1985;112(2):241-7

Value of prednimustine in treating non Hodgkin's lymphomas of favourable histological type. Klener P, et al. **Folia Haematol (Leipz)** 1985;112(1):103-8

Phase II clinical trial of 4'-(9-acridinylamino) methanesulphon-m-anisidide (m-AMSA) in the treatment of advanced non-Hodgkin's lymphomas. Abate G, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):35-8

The results of high risk acute lymphoblastic leukemia and non-Hodgkin's lymphoma total therapy. Boguslawska-Jaworska J, et al. **Hamatol Bluttransfus** 1985; 29:63-6

Chemotherapy as definitive treatment of stage I-II large cell and diffuse mixed lymphomas. Cabanillas F. **Hematol Oncol** 1985 Jan-Mar;3(1):25-31

Heterogeneity of response and survival in diffuse histiocytic lymphoma after BACOP therapy (bleomycin, doxorubicin, cyclophosphamide, vincristine, prednisone). Levine AM, et al. **Hematol Oncol** 1985 Apr-Jun;3(2):87-98

Vindesine in advanced breast cancer, lymphoma and melanoma. A Colorado Clinical Oncology Group study. DiBella NJ, et al. **Invest New Drugs** 1984;2(3):323-8

Mitoxantrone in malignant lymphoma. Gams RA, et al. **Invest New Drugs** 1985;3(2):219-22

Treatment of cutaneous T cell lymphoma with cyclosporin A [letter] Moreland AA, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):886-7

Moderate versus aggressive chemotherapy of nodular lymphocytic poorly differentiated lymphoma. Ezdinli EZ, et al. **J Clin Oncol** 1985 Jun;3(6):769-75

Phase III study of BCOP v CHOP in unfavorable categories of malignant lymphoma: a Southeastern Cancer Study Group trial. Gams RA, et al. **J Clin Oncol** 1985 Sep; 3(9):1188-95

Renal involvement in diffuse aggressive lymphomas: results of treatment with combination chemotherapy. Geffen DB, et al. **J Clin Oncol** 1985 May;3(5):646-53

Non-suppression of cortisol secretion by long term treatment with ketoconazole in patients with acute leukaemia. Dandona P, et al. **J Clin Pathol** 1985 Jun;38(6):677-8

Improved synthesis of 2'-deoxyformycin A and studies of its in vitro activity against mouse lymphoma of T-cell origin. Rosowsky A, et al. **J Med Chem** 1985 Aug; 28(8):1096-9

Tamoxifen in the treatment of refractory lymphoma [letter] Narasimhan P. **N Engl J Med** 1984 Nov 8;311(19):1258-9

Abdominal non-Hodgkin's lymphoma in children. Results of irradiation and chemotherapy in a series of 50 patients. Alert J, et al. **Neoplasma** 1984;31(6):731-7

A pilot study of epidoxorubicin (NSC 256942) in combination treatment of acute leukaemia and non-Hodgkin's lymphoma. Eridani S, et al. **Oncology** 1984;41(6):383-6

Adverse histopathologic effects of chemotherapeutic agents in childhood leukemia and lymphoma. Wiedrich T, et al. **Pediatr Pathol** 1984;2(3):267-83

Treatment of diffuse aggressive non-Hodgkin's lymphomas with an intensive multi-drug regimen including high-dose cytosine arabinoside (F-MACHOP). Amadori S, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):218-22

VP-16 in the treatment of malignant lymphomas: a report from the Swiss Group for Clinical Cancer Research (SAKK). Cavalli F. **Semin Oncol** 1985 Mar;12(1 Suppl 2):33-6

Mitoxantrone in refractory nonHodgkin's lymphoma. A Southwest Oncology Group study. Coltman CA Jr, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):50-3

High-dose adriamycin combination chemotherapy for intermediate and high-grade non-Hodgkin's lymphomas. Dabich L, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):212-7

ProMACE-MOPP combination chemotherapy for diffuse lymphomas. Fisher RI, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 2):29-32

Mitoxantrone in malignant lymphoma. Gams RA, et al. **Semin Oncol** 1984 Sep;11(3 Suppl 1):47-9

Vindesine, etoposide (VP-16), and prednisolone (VEP) in relapsed patients with grade II non-Hodgkin's lymphoma. Hancock BW. **Semin Oncol** 1985 Mar;12(1 Suppl 2):26-8

Continuous infusion of high-dose cytosine arabinoside for treatment of childhood acute leukemia and non-Hodgkin's lymphoma in relapse. Jones GR, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):150-4

High-dose cytosine arabinoside in the treatment of childhood malignancies. Lie SO, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):160-5

The use of high-dose cytosine arabinoside for non-Hodgkin's lymphoma. Richards MA, et al. **Semin Oncol** 1985 Jun;12(2 Suppl 3):223-6

High-dose methotrexate-leucovorin rescue therapy: selected application in non-Hodgkin's lymphoma. Rizzoli V, et al. **Tumori** 1985 Apr 30;71(2):155-8

[Clinical study on the use of lithium carbonate in the attenuation of granulocytopenia and infection during combination chemotherapy of malignant blood diseases] Da WM. **Chung Hua Nei Ko Tsa Chih** 1984 Jan;23(1):28-30, 63 (Eng. Abstr.) **(Chi)**

[Lycurim, lymphomas and cytostatic trials] Klener P. **Vnitr Lek** 1984 Jul;30(7):714-6 **(Cze)**

[Ketoconazole in the prevention of mycotic complications during cytostatic treatment of leukemias and lymphomas] Krčová V, et al. **Vnitr Lek** 1985 Jun;31(6):567-71 (Eng. Abstr.) **(Cze)**

[Diagnosis and therapy of cutaneous T-cell lymphomas] Le T, et al. **Dermatologica** 1984;169(2):60-5 (Eng. Abstr.) **(Fre)**

[Primary cerebral lymphoma. Development of CT X-scanner data under corticoid treatment] Masson C, et al. **Rev Neurol (Paris)** 1985;141(3):248-50 (Eng. Abstr.) **(Fre)**

[Therapy of cutaneous T cell lymphomas with alpha interferon (letter)] Lang M, et al. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):197 **(Ger)**

[Principles of high-dose cytarabinoside treatment] Seeber S. **Onkologie** 1985 Feb;8(1):4-7 (Eng. Abstr.) **(Ger)**

[High-dose nitrosourea in a case of non-Hodgkin's lymphoma (letter)] Segalini G, et al. **Haematologica (Pavia)** 1984 Sep-Oct;69(5):639-40 **(Ita)**

[Mitoxantrone in the treatment of relapsed and refractory malignant lymphoma] Kimura I, et al. **Gan No Rinsho** 1985 May;31(6 Suppl):767-73 (Eng. Abstr.) **(Jpn)**

[VP 16-213] Ogawa M. **Gan No Rinsho** 1985 May;31(6 Suppl):774-8 (Eng. Abstr.) **(Jpn)**

[Phase II study with methyl 6-[3-(2-chloroethyl)-3 nitrosoureido]-6-deoxy-alpha-D-(MCNU) in hematological malignancies] Higuchi A, et al. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1253-9 (Eng. Abstr.) **(Jpn)**

[Phase II study of etoposide (VP-16) in the form of oral capsules for malignant lymphomas] Konishi I, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1482-6 (Eng. Abstr.) **(Jpn)**

[Clinical efficacy of a quadruple combination chemotherapy with ACNU, adriamycin, methotrexate, and prednisolone for patients with non-Hodgkin's lymphoma, who were refractory to VEPA (P) treatment] Niitsu H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2585-9 (Eng. Abstr.) **(Jpn)**

[Phase II trial of peplomycin in non-Hodgkin's lymphoma] Sampi K, et al. **Gan To Kagaku Ryoho** 1985 May; 12(5):1063-7 (Eng. Abstr.) **(Jpn)**

[Phase II study of VP-16 (capsule) in malignant lymphomas. A cooperative study] Sampi K, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):314-9 (Eng. Abstr.) **(Jpn)**

[Cis-dichlorodiammineplatinum (II) in the treatment of a refractory non-Hodgkin's lymphoma with renal involvement] Sueyama H, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):144-6 (Eng. Abstr.) **(Jpn)**

[The significance of reinduction chemotherapy with adriamycin for relapsed non-Hodgkin's lymphoma of Waldeyer's ring] Takenaka T, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1675-80 (Eng. Abstr.) **(Jpn)**

[Treatment for advanced malignant lymphoma in patients with compromised bone marrow--a combination therapy using pepleomycin, vincristine and high-dose adrenocorticoids (POP regimen)] Tamura K, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2568-72 (Eng. Abstr.) **(Jpn)**

[Phase II study of methyl 6-[3-(2-chloroethyl)-3-nitrosoureido]-6-deoxy-alpha-D-(MCNU).] Tanaka I, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):493-8 (Eng. Abstr.) **(Jpn)**

[Studies on high-dose methotrexate with citrovorum factor rescue therapy in children: analysis of bone marrow cell kinetics by flow cytometry] Tsurusawa M, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1827-32 (Eng. Abstr.) **(Jpn)**

[Primary malignant lymphoma of the brain with marked size reduction by administration of prednisolone. Case report] Kobayashi S, et al. **Neurol Med Chir (Tokyo)** 1985 Feb; 25(2):125-30 (Eng. Abstr.) **(Jpn)**

[A case of non-Hodgkin's lymphoma presenting optic neuropathy induced by vincristine] Hashimoto K, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1217-21 **(Jpn)**

[Problems associated with chemotherapy combined with radiotherapy (2) --chemotherapy of malignant lymphoma and its adverse effects] Shibuya H. **Rinsho Hoshasen** 1984 Sep;29(9):1045-6 **(Jpn)**

[VCP therapy for non-Hodgkin's lymphoma advanced more than stage IIB] Kuraishi Y, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1731-7 (Eng. Abstr.) **(Jpn)**

[ABP therapy in advanced non-Hodgkin's lymphoma resistant to VCP therapy] Kuraishi Y, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1427-32 (Eng. Abstr.) **(Jpn)**

[Therapeutic results of 36 malignant lymphomas and 8 histiocytic medullary reticulosis in childhood] Shimizu Y, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1738-45 (Eng. Abstr.) **(Jpn)**

[Results of modified LSA2L2 therapy in children with non-Hodgkin's lymphoma] Shitara T, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1594-9 (Eng. Abstr.) **(Jpn)**

[Pharmacokinetics of intravenous methotrexate in children with neoplasms of the hematopoietic system] Hermann T, et al. **Pol Tyg Lek** 1984 May 21;39(21):713-6 (Eng. Abstr.) **(Pol)**

[Antitumor activity of doxorubicin in the treatment of hemocytoblastosis La and various ascites tumors in mice] Ul'ianova LA, et al. **Antibiotiki** 1984 Nov;29(11):861-6 (Eng. Abstr.) **(Rus)**

[Non-Hodgkin's lymphoma in children. Study of 30 patients at the Caracas University Hospital] Acquatella G, et al. **Sangre (Barc)** 1985;30(3):253-83 (Eng. Abstr.) **(Spa)**

[Treatment of non-Hodgkin's lymphomas with CHOP-bleo. Experience in 16 patients] González Brito G, et al. **Sangre (Barc)** 1985;30(3):367-8 **(Spa)**

ENZYMOLOGY

Adenosine deaminase and terminal deoxynucleotidyl transferase in human lymphomas: an aid to the diagnosis and subclassification of lymphoblastic lymphomas. Vezzoni P, et al. **Am J Hematol** 1985 Jul;19(3):219-27

Cytochemistry of dipeptidylaminopeptidase IV and II in normal and neoplastic lymphoid cells. Invernizzi R, et al. **Blut** 1985 May;50(5):277-85

Deficiency of erythrocyte superoxide dismutase and catalase activities in patients with malignant lymphoma and acute myeloid leukemia. Saito T, et al. **Cancer Lett** 1984 Sep; 24(2):141-6

Monoclonal antibody and enzymatic profiles of human malignant T-lymphoid cells and derived cell lines. Smith SD, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5657-60

Alkaline phosphatase positive lymphoma. Geerts ML, et al. **Dermatologica** 1984;169(6):342-7

Suitability of the P388F mouse lymphoma system for detecting potential carcinogens and mutagens. Anderson D, et al. **Food Chem Toxicol** 1985 Jan;23(1):115-8

Ribonucleotide reductase and thymidine kinase activities in various cultured cell lines derived from hematologic malignancies. Takeda E, et al. **Gann** 1984 Sep;75(9):816-23

Significance of glycosidase patterns in lymphoid cells. Bjare U, et al. **Int J Biochem** 1985;17(1):67-72

Biosynthesis in vitro of Ii core glycosphingolipids from neolactotetraosylceramide by beta 1-3- and beta 1-6-N-acetylglucosaminyltransferases from mouse T-lymphoma. Basu M, et al. **J Biol Chem** 1984 Oct 25; 259(20):12557-62

Enhancement of adenylate cyclase activity in S49 lymphoma cells by phorbol esters. Putative effect of C kinase on alpha s-GTP-catalytic subunit interaction. Bell JD, et al. **J Biol Chem** 1985 Mar 10;260(5):2625-8

Interaction of the stimulatory and inhibitory regulatory proteins of the adenylyl cyclase system with the catalytic component of cyc-S49 cell membranes. Hildebrandt JD, et al. **J Biol Chem** 1984 Nov 10;259(21):13178-85

Ecto-5'-nucleotidase. II. Effect of 12-O-tetradecanoylphorbol 13-acetate on the expression of enzyme in normal and neoplastic B-cell lines. Hibi T, et al. **JNCI** 1984 Nov;73(5):1081-5

Ecto-5'-nucleotidase. I. Expression in human normal and neoplastic lymphoid cell lines representing sequential stages of B-cell differentiation. SenGupta S, et al. **JNCI** 1984 Nov;73(5):1075-80

Isoenzyme studies in human leukemia-lymphoma cell lines--I. Carboxylic esterase. Drexler HG, et al. **Leuk Res** 1985;9(2):209-29

Isoenzyme studies in human leukemia-lymphoma cell lines--III. beta-Hexosaminidase (E.C. 3.2.1.30). Drexler HG, et al. **Leuk Res** 1985;9(5):549-59

Isoenzyme studies in human leukemia-lymphoma cells lines--II. Acid phosphatase. Drexler HG, et al. **Leuk Res** 1985;9(5):537-48

Isoenzyme studies in human leukemia-lymphoma cell lines--IV. Lactate dehydrogenase. Drexler HG, et al. **Leuk Res** 1985;9(5):561-71

Identification of the tyrosine protein kinase from LSTRA cells by use of site-specific antibodies. Casnellie JE, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6676-80

Covalently bound myristate in a lymphoma tyrosine protein kinase. Marchildon GA, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7679-82

Thymidine kinase and thymidine phosphorylase activities in various types of leukaemia and lymphoma. Vertongen F, et al. **Tumour Biol** 1984;5(6):303-11

[Malignant lymphoma and sarcoidosis. Changes in the serum levels of angiotensin-converting enzyme (letter)] Fuzibet JG, et al. **Presse Med** 1984 Oct 20;13(37):2270 **(Fre)**

ETIOLOGY

Malignant lymphoma and multiple myeloma linked with agricultural occupations in a New Zealand Cancer Registry-based study. Pearce NE, et al. **Am J Epidemiol** 1985 Feb;121(2):225-37

Celiac disease: does hyposplenism predispose to the development of malignant disease? O'Grady JG, et al. **Am J Gastroenterol** 1985 Jan;80(1):27-9

Small intestinal lymphoma in three patients with acquired immune deficiency syndrome. Steinberg JJ, et al. **Am J Gastroenterol** 1985 Jan;80(1):21-6

Lymphoma of host origin in a marrow transplant recipient in remission of acute myeloid leukemia and receiving cyclosporin A. Bloom RE, et al. **Am J Hematol** 1985 Jan; 18(1):73-83

Malignant lymphoma presenting as Kaposi's sarcoma in a homosexual man with the acquired immunodeficiency syndrome. Lind SE, et al. **Ann Intern Med** 1985 Mar; 102(3):338-40

Non-Hodgkin lymphoma following Hodgkin's disease. A case report. Heinz R, et al. **Blut** 1984 Oct;49(4):353-7

Mixed connective tissue disease, Sjögren's syndrome, and abdominal pseudolymphoma. Frayha RA, et al. **Br J Rheumatol** 1985 Feb;24(1):70-3

Malignant lymphoma as a complication of ureterosigmoidostomy. Ghanem AN, et al. **Br J Surg** 1985 Jul;72(7):559-60

Association of lymphocytic neoplasia and mesothelioma. Efremidis AP, et al. **Cancer** 1985 Mar 1;55(5):1056-9

Non-Hodgkin's lymphoma after successful therapy of small cell lung carcinoma. Weiss RB, et al. **Cancer Chemother Pharmacol** 1985;14(1):9-11

A classification of HTLV-III infection based on 75 cases seen in a suburban community. Kaplan MH, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4655s-4658s

Proviral structure and differentiation antigen phenotype of spontaneous and chemically induced AKR lymphomas. Richie ER, et al. **Cancer Res** 1985 Jun;45(6):2802-6

Involvement of c-myc in MuLV-induced T cell lymphomas in mice: frequency and mechanisms of activation. Selten G, et al. **EMBO J** 1984 Dec 20;3(13):3215-22

Synergistic effect of radiation and N-nitrosoethylurea in the induction of lymphoma in mice: cellular kinetics and carcinogenesis. Seyama T, et al. **Gann** 1985 Jan;76(1):20-7

Human T-cell leukaemia virus in Africa: possible roles in health and disease. Williams CK, et al. **IARC Sci Publ** 1984;(63):713-26

Pathogenesis and virus content of lymphomas induced by pure ecotropic Graffi murine leukemia virus. Fischinger PJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):241-51

Herpesvirus saimiri-induced lymphoblastoid rabbit cell line: growth characteristics, virus persistence, and oncogenic properties. Ablashi DV, et al. **J Virol** 1985 Sep;55(3):623-33

Simultaneous occurrence of Pneumocystis carinii pneumonia, cytomegalovirus infection, Kaposi's sarcoma, and B-immunoblastic sarcoma in a homosexual man. Burkes RL, et al. **JAMA** 1985 Jun 21;253(23):3425-8

Sonography of abdominal posttransplant lymphoma. Frick MP, et al. **JCU** 1984 Sep;12(7):383-5

Development of virus-accelerated thymic lymphoma in AKR mice. Kato A, et al. **JNCI** 1985 Sep;75(3):491-7

Membrane alterations in magnesium-deficiency-induced malignant T cell lymphoma. Günther T, et al. **Magnesium** 1984;3(1):29-37

Simultaneous presentation of relapsing Hodgkin's disease and treatment-related non-Hodgkin's lymphoma. Perri RT, et al. **Med Pediatr Oncol** 1985;13(3):122-5

Malignant lymphoma confined to the heart, 13 years after a cadaver kidney transplant [letter] Rodenburg CJ, et al. **N Engl J Med** 1985 Jul 11;313(2):122

Epstein-Barr virus-associated B-cell proliferations of diverse clonal origins after bone marrow transplantation in a 12-year-old patient with severe combined immunodeficiency. Shearer WT, et al. **N Engl J Med** 1985 May 2;312(18):1151-9

Immunoblastic lymphoma in a cyclosporine-treated renal transplant recipient. Bia MJ, et al. **Transplantation** 1985 Jun;39(6):673-5

[Malignant lymphoma of the small intestine after long-existent sprue (letter)] Heck J. **Dtsch Med Wochenschr** 1984 Dec 21;109(51-52):1988 **(Ger)**

[Non-Hodgkin's lymphoma-like pseudolymphoma in syphilis II] Horn U. **Z Hautkr** 1985 Jun 1;60(11):908-12 (Eng. Abstr.) **(Ger)**

[Recent findings on the mechanism of murine T-cell lymphomagenesis] Yokoro K. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1181-8 (30 ref.) (Eng. Abstr.) **(Jpn)**

[Delayed occurrence of malignant lymphoma in the course of cold agglutinin disease: a case report] Hayashi M, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1665-70 (Eng. Abstr.) **(Jpn)**

[2 cases of adult T-cell leukemia/lymphoma occurring 3 to 7 years after monoclonal gammopathy] Kamihira S, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1133-7 (Eng. Abstr.) **(Jpn)**

[Immunodeficiency and the development of malignant lymphoma] Takahashi R. **Rinsho Ketsueki** 1984 Sep;25(9):1371-9 (42 ref.) (Eng. Abstr.) **(Jpn)**

[Immune deficiency and nonspecific chronic lymphadenitis of twenty years' duration terminating in non-Hodgkin's lymphoma with a 14q+ karyotype and T cell markers] Taniguchi Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1671-9 (Eng. Abstr.) **(Jpn)**

[Oncogenic virus RNA-HTLV (human T-cell leukemia-lymphoma virus)] Sikorski R, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1185-7 (Eng. Abstr.) **(Pol)**

[A new HTLV retrovirus associated with human T-cell leukemia/lymphoma] Kiselev FL. **Eksp Onkol** 1984;6(3):3-9 (56 ref.) (Eng. Abstr.) **(Rus)**

[Lymphoproliferative diseases secondary to autoimmune thyroiditis] Montalbán C, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):17-20 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

New genetics of Burkitt's lymphoma and other non-Hodgkin's lymphomas. Aisenberg AC. **Am J Med** 1984 Dec;77(6):1083-90 (49 ref.)

Familial microcephaly with normal intelligence, immunodeficiency, and risk for lymphoreticular malignancies: a new autosomal recessive disorder. Seemanová E, et al. **Am J Med Genet** 1985 Apr;20(4):639-48

Chromosome abnormalities in leukaemia and lymphoma. Garson OM. **Ann Acad Med Singapore** 1984 Jul;13(3):437-44 (56 ref.)

The relation of oncogenesis and cytogenetics in leukemia and lymphoma. Pearson M, et al. **Annu Rev Med** 1985;36:471-83 (42 ref.)

The isolation and characterization of the Blym-1 transforming gene. Diamond A, et al. **Basic Life Sci** 1985;33:141-52

A possible correlation between the growth rate and the extent of DNA damage induced by radiodecay in mouse lymphoma cells. Ribeiro PL, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):204-10

Prognostic information from cytogenetic analysis in chronic B-lymphocytic leukemia and leukemic immunocytoma. Juliusson G, et al. **Blood** 1985 Jan;65(1):134-41

Concurrence of lymphoma type adult T-cell leukemia in three sisters. Yamaguchi K, et al. **Cancer** 1985 Oct 1;56(7):1688-90

Scanning electron microscopy of marker chromosomes in a human malignancy. Barbieri D. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):177-80

Trisomy 12 in a case of large cell, immunoblastic, polymorphous non-Hodgkin's lymphoma with IgG kappa monoclonal paraprotein [letter] Brusamolino E, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):279-80

Karyotypic variation of cells from murine thymic lymphomas during short-term culture. Chan FP, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):303-11

Histiocytic lymphoma cell lines: immunologic and cytogenetic studies. Hecht BK, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):205-18

Chromosome changes in a secondary lymphoma. Kakati S, et al. **Cancer Genet Cytogenet** 1985 May;17(1):29-34

Peculiar cytogenetic finding in T-cell lymphoproliferative disorders [letter] Ríos González A, et al. **Cancer Genet Cytogenet** 1985 Jun;17(2):185-6

Sister chromatid exchange in malignant lymphomas. Slavutsky I, et al. **Cancer Genet Cytogenet** 1984 Oct;13(2):153-8

Cytogenetic studies of a diffuse mixed cell lymphoma of T cell origin. Takeuchi J, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):257-66

Non-neural malignancy complicating neurofibromatosis in two relatives. Wertelecki W, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):87-9

Increased gene amplification in L5178Y mouse lymphoma cells with hydroxyurea-induced chromosomal aberrations. Hill AB, et al. **Cancer Res** 1985 Oct;45(10):5050-7

Chemical carcinogens induce cadmium resistance and activate metallothionein genes in cadmium sensitive S49 mouse cells. MacArthur CA, et al. **Carcinogenesis** 1985 Jun;6(6):887-92

Cloning the chromosomal breakpoint of t(14;18) human lymphomas: clustering around JH on chromosome 14 and near a transcriptional unit on 18. Bakhshi A, et al. **Cell** 1985 Jul;41(3):899-906

Activation of a novel human transforming gene, ret, by DNA rearrangement. Takahashi M, et al. **Cell** 1985 Sep;42(2):581-8

Oncogenes in B-cell neoplasia. Workshop at the National Cancer Institute, National Institutes of Health, Bethesda, MD, USA, March 5-7,1984. **Curr Top Microbiol Immunol** 1984;113:1-268

Activation of the c-myc oncogene in B and T lymphoid tumors. Cory S, et al. **Curr Top Microbiol Immunol** 1984;113:161-5

Inexpensive upgrading of a FACS I and isolation of rare somatic variants by double-fluorescence sorting. Weichel W, et al. **Cytometry** 1985 Mar;6(2):116-23

Chromosome abnormalities in malignant lymphoma: biologic and clinical correlations. Bloomfield CD, et al. **Hamatol Bluttransfus** 1985;29:145-9

TLym 1, a stage-specific transforming gene which shares homology to MHCI genes and encodes a secreted protein. Lane MA, et al. **Hamatol Bluttransfus** 1985;29:277-9

Chromosome alterations in oncogenesis. Nowell FC, et al. **Hamatol Bluttransfus** 1985;29:253-60

Chromosomal translocations, oncogenes, and B-cell tumors. Croce CM. **Hosp Pract [Off]** 1985 Jan 15;20(1):41-8

Use of novel chemical supplements in the establishment of three human malignant lymphoma cell lines (NU-DHL-1, NU-DUL-1, and NU-AMB-1) with chromosome 14 translocations. Epstein AL, et al. **Int J Cancer** 1985 May 15;35(5):619-27

Cutaneous malignant lymphoma and HLA in the southwestern area of Japan. Yotsumoto H, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):134-7

DNA-mediated transfer of major histocompatibility class II I-Ab and I-Abm12 genes into B lymphoma cells: molecular and functional analysis of introduced antigens. Ben-Nun A, et al. **J Immunol** 1985 Aug;135(2):1456-64

Rapid induction of hemopoietic neoplasms in newborn mice by a raf(mil)/myc recombinant murine retrovirus. Rapp UR, et al. **J Virol** 1985 Jul;55(1):23-33

Sequences outside of the long terminal repeat determine the lymphomogenic potential of Rous-associated virus type 1. Robinson HL, et al. **J Virol** 1985 Sep;55(3):752-9

Cytogenetic studies in human T-cell lymphoma virus (HTLV)-positive leukemia-lymphoma in the United States. Whang-Peng J, et al. **JNCI** 1985 Feb;74(2):357-69

A newly established human lymphoma cell line, FL-18, carrying a 14;18 translocation. Ohno H, et al. **Jpn J Cancer Res** 1985 Jul;76(7):563-6

Apparent T-cell neoplasms with immunoglobulin gene rearrangements [letter] Friedlander M, et al. **Lancet** 1985 Sep 21;2(8456):670

Inherited factors in leukaemia and lymphoma. Harnden DG. **Leuk Res** 1985;9(6):705-7

Genetic mapping of a cellular DNA region involved in induction of thymic lymphomas (Mlvi-1) to mouse chromosome 15. Kozak CA, et al. **Mol Cell Biol** 1985 Apr;5(4):894-7

T-cell receptor gene rearrangements as clinical markers of human T-cell lymphomas. Bertness V, et al. **N Engl J Med** 1985 Aug 29;313(9):534-8

Translocations in T-cell leukemia in lymphoma [letter] Hecht F, et al. **N Engl J Med** 1985 Sep 19;313(12):758-9

OKT8-positive T-cell lymphoma associated with a chromosome rearrangement t(2;17) possibly involving the T8 locus. Mecucci C, et al. **N Engl J Med** 1985 Jul 18;313(3):185-6

Isolation of a new human oncogene from a diffuse B-cell lymphoma. Eva A, et al. **Nature** 1985 Jul 18-24;316(6025):273-5

Murine T lymphomas with retroviral inserts in the chromosomal 15 locus for plasmacytoma variant translocations. Graham M, et al. **Nature** 1985 Apr 25-May 1;314(6013):740-3

Clustering of breakpoints on chromosome 11 in human B-cell neoplasms with the t(11;14) chromosome translocation. Tsujimoto Y, et al. **Nature** 1985 May 23-29;315(6017):340-3

14q+ marker-positive lymphoid cancer and its subclasses. Fukuhara S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1579-90

Reactivation by a trans-acting factor of human major histocompatibility complex Ia gene expression in interspecies hybrids between an Ia-negative human B-cell variant and an Ia-positive mouse B-cell lymphoma. Accolla RS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5145-9

Gene transfer in lymphoid cells: expression of the Thy-1.2 antigen by Thy-1.1 BW5147 lymphoma cells transfected with unfractionated cellular DNA. Berman JW, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7176-9

Comparison of chemically induced and spontaneous murine thymic lymphomas in RF and AKR mice: differential expression of c-myc and c-myb. Chinsky J, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):565-9

Viral integration near c-myc in 10-20% of mcf 247-induced AKR lymphomas. Li Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6808-11

Transcription of three c-myc exons is enhanced in chicken bursal lymphoma cell lines. Linial M, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):53-7

Activation of a translocated c-myc gene: role of structural alterations in the upstream region. Wiman KG, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6798-802

Genetic factors in susceptibility to viral leukemogenesis. Lilly F, et al. **Prog Med Virol** 1985;32:39-46

Common region on chromosome 14 in T-cell leukemia and lymphoma. Hecht F, et al. **Science** 1984 Dec 21;226(4681):1445-7

Involvement of the bcl-2 gene in human follicular lymphoma. Tsujimoto Y, et al. **Science** 1985 Jun 21;228(4706):1440-3

Rearrangement and activation of the c-myc gene in avian and human B-cell lymphomas. Wiman KG, et al. **Tumour Biol** 1984;5(5):211-9 (38 ref.)

Concomitance of urogenital with lymphoid and intestinal malignancies: more than a coincidence. Shabtai F, et al. **Urol Int** 1985;40(3):145-7

[Amplification of the high production and low production nature of antibodies produced by the genetic selection of mice. Correlation between immunodeficiency and the incidence of lymphoma] Biozzi G, et al. **C R Acad Sci [III]** 1984;299(19):753-8 (Eng. Abstr.) **(Fre)**

[Cytogenetics and hematology] Michaux JL. **Rev Med Brux** 1985 Feb;6(2):67-70 (Eng. Abstr.) **(Fre)**

[Cytogenetics and hematology] Michaux JL. **Rev Med Liege** 1985 Jan 15;40(2):49-51 **(Fre)**

[Incidence of angioimmunoblastic lymphadenopathy and non-Hodgkin lymphoma in siblings] Pálóczi K, et al. **Orv Hetil** 1984 Dec 30;125(53):3231-5 (Eng. Abstr.) **(Hun)**

[Chromosomal analysis of childhood leukemia and lymphoma and its relation to the clinical features] Nagasaka M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1408-16 (Eng. Abstr.) **(Jpn)**

[A case of diffuse lymphoma with t(14;18)] Ohno H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1713-7 (Eng. Abstr.) **(Jpn)**

[Family clustering of leukemia/lymphoma. Genetic predisposition in a multi-factor genesis of cancer] Austgulen R, et al. **Tidsskr Nor Laegeforen** 1985 Feb 28;105(6):421-3 (Eng. Abstr.) **(Nor)**

[Frequently occurring chromosome aberrations in various hemoblastoses] Zakharova AV, et al. **Gematol Transfuziol** 1985 Apr;30(4):46-53 (51 ref.) **(Rus)**

[Cytogenetics of the lymphomas] San Román C. **Rev Esp Oncol** 1982;29(3):457-61 (Eng. Abstr.) **(Spa)**

HISTORY

Professor Titu Vasiliu, the reticulohistiocytic system and malignant lymphomas. Simu G.

Morphol Embryol (Bucur) 1985 Apr-Jun;31(2):95-100

IMMUNOLOGY

Human T-cell leukemia virus in cutaneous T-cell lymphoma in Denmark. A possible association of HTLV and aneuploidy. Lange Wantzin G, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):395-9

Natural antibodies to simian type-C viruses and human retrovirus HTLV in patients with lymphoid malignancies. Tóth FD, et al. **Acta Microbiol Hung** 1984;31(4):387-92

Malignant lymphoma of the parotid gland with monoclonal cytoplasmic immunoglobulin. Haratake J, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1459-67

Distribution of HNK-1+ cells in malignant lymphomas. Mori S, et al. **Acta Pathol Jpn** 1985 Mar;35(2):339-50

Dissemination pattern of two immunologically induced transplanted malignant lymphomas in C57 B1/6J mice. Ryd W, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Mar;93(2):57-65

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15

Immunodeficiency and prognosis in patients with non-Hodgkin's lymphomas. Lindemalm C, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):159-65

Immunohistological analysis of human lymphoma: correlation of histological and immunological categories. Stein H, et al. **Adv Cancer Res** 1984;42:67-147 (171 ref.)

Further evidence of immunomodulatory effects of cimetidine. Strejček J, et al. **Allerg Immunol (Leipz)** 1984;30(2):117-22

PHA reactivity of spontaneous AKR lymphomas: absolute macrophage requirement. Alonso MC, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):363-7

Peripheral T-cell lymphoma: aggressive disease with heterogeneous immunotypes. Grogan TM, et al. **Am J Clin Pathol** 1985 Mar;83(3):279-88

Primary central nervous system lymphoma in homosexual men. Clinical, immunologic, and pathologic features. Gill PS, et al. **Am J Med** 1985 May;78(5):742-8

Infectious antecedent of immunoblastic lymphoma. Progressive immunosuppression in a patient with lymphogranuloma venereum. Senitzer D, et al. **Am J Med** 1985 Jan;78(1):163-7

Rosette formation in malignant lymphoma. Frizzera G, et al. **Am J Pathol** 1985 Jun;119(3):351-6

Immunopathology of cutaneous T-cell lymphomas. Nasu K, et al. **Am J Pathol** 1985 Jun;119(3):436-47

Immunoelectron-microscopic localization of Tac antigen in adult T-cell leukemia/lymphoma. Shamoto M, et al. **Am J Pathol** 1985 Jun;119(3):513-6

Interleukin regulation of the immune system (IRIS) in male homosexuals with acquired immune deficiency disease syndrome. Palladino MA, et al. **Ann NY Acad Sci** 1984;437:535-9

Modulation of virus-specific immunity in vitro by the addition of interleukin-1 and interleukin-2 in patients with the acquired immune deficiency syndrome. Sheridan JF, et al. **Ann NY Acad Sci** 1984;437:530-4

Midfacial T cell lymphoma: characterization by monoclonal antibodies. Yamanaka N, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):207-11

Reactivity of monoclonal anti-K 562 antibodies with cells of leukemia- and lymphoma-patients. Hering S, et al. **Arch Geschwulstforsch** 1985;55(1):9-16

Parallel examination of receptors of malignant lymphoma cells using combined tests with mouse erythrocytes and monoclonal VIB-C5 antibody or polyvalent serum against human immunoglobulins. Krawczyk-Kuliś M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):155-60

Pregnancy and lymphoma [editorial] Banks PM. **Arch Pathol Lab Med** 1985 Sep;109(9):802

Use of live varicella vaccine in children with acute leukemia and malignant lymphoma. Sato Y, et al. **Biken J** 1984 Sep; 27(2-3):111-3

Incorporation of acylated antibody into planar lipid multilayers: characterization and cell binding. Huang L. **Biochemistry** 1985 Jan 1;24(1):29-34

Induction of immunoglobulin secretion in follicular non-Hodgkin's lymphomas: role of immunoregulatory T cells. Braziel RM, et al. **Blood** 1985 Jul;66(1):128-34

Growth factor-mediated proliferation in B cell non-Hodgkin's lymphomas. Ford RJ, et al. **Blood** 1985 Jun; 65(6):1335-41

Immunologic heterogeneity of diffuse large cell lymphoma. Freedman AS, et al. **Blood** 1985 Mar;65(3):630-7

Lysis of lymphoma cells by autologous and allogeneic natural killer cells. Oshimi K, et al. **Blood** 1985 Mar;65(3):638-43

Lymphokine-induced phagocytosis in angiocentric immunoproliferative lesions (AIL) and malignant lymphoma arising in AIL. Simrell CR, et al. **Blood** 1985 Jun;65(6):1469-76

Immunoglobulin negative follicle centre cell lymphoma. Gregg EO, et al. **Br J Cancer** 1984 Dec;50(6):735-44

Flow cytometric light chain analysis of peripheral blood lymphocytes in patients with non-Hodgkin's lymphoma. Johnson A, et al. **Br J Cancer** 1985 Aug;52(2):159-65

HNK-1+ cells in non-Hodgkin's lymphoma: lack of relation with transferrin receptor expression on malignant cells. Schuurman HJ, et al. **Br J Cancer** 1985 Feb;51(2):171-7

Secretion of immunoglobulin by neoplastic B lymphocytes from lymph nodes of patients with lymphoma. Stevenson FK, et al. **Br J Cancer** 1984 Nov;50(5):579-86

The effect of indomethacin treatment on lymphocyte PHA reactivity in healthy controls and patients with lymphoma and sarcoidosis. Underhill G, et al. **Br J Haematol** 1985 Jul;60(3):423-8

A study on the clinical usefulness of tissue polypeptide antigen in various blood diseases. Kageyama T, et al. **Bull Osaka Med Sch** 1983 Oct;29(2):55-61

In situ study of T-cell subpopulations in cutaneous T-cell lymphoma. Diagnostic criteria. Chu A, et al. **Cancer** 1984 Dec 1;54(11):2414-22

Gastric pseudolymphoma with monotypic cytoplasmic immunoglobulin. Eimoto T, et al. **Cancer** 1985 Feb 15; 55(4):788-93

Comparison of peripheral blood lymphocyte C3 receptor capping properties in patients with chronic lymphocytic leukemia and lymphoma. Hendrick AM, et al. **Cancer** 1985 Oct 1;56(7):1538-42

Monoclonal antibodies reactive with B-lymphocytes and histiocytes in paraffin sections. Okon E, et al. **Cancer** 1985 Jul 1;56(1):95-104

A case report of T-cell lymphoma with suppressor phenotype and helper function for immunoglobulin synthesis. Oshimi K, et al. **Cancer** 1984 Nov 1;54(9):2029-31

Immune modulation of a T-suppressor cell lymphoma by thymic humoral factor, a thymic hormone. Shohat B, et al. **Cancer** 1984 Nov 15;54(10):2122-6

Deficient helper cell function as a cause of diminished pokeweed mitogen blastogenic responses in patients with non-Hodgkin's lymphomas. Silver BA, et al. **Cancer** 1984 Dec 15;54(12):2936-42

Applications and limitations of peripheral blood lymphocyte immunoglobulin light chain analysis in the evaluation of non-Hodgkin's lymphoma. Sobol RE, et al. **Cancer** 1985 Oct 15;56(8):2005-10

Hypercalcemia, unusual bone lesions, and human T-cell leukemia-lymphoma virus in adult T-cell lymphoma. Tannir N, et al. **Cancer** 1985 Feb 1;55(3):615-9

T-helper cell lymphoma involving the lymph nodes and skin. A clinical, morphologic, and immunohistochemical analysis of five cases. van den Oord JJ, et al. **Cancer** 1985 Apr 15;55(8):1714-21

Non-Hodgkin's lymphoma of Waldeyer's ring and nasal cavity. Clinical and immunologic aspects. Yamanaka N, et al. **Cancer** 1985 Aug 15;56(4):768-76

Immunoperoxidase in lymphomas induced by host-versus-graft (HVG) reaction. Dutz-Kohout E, et al. **Cancer Detect Prev** 1984;7(4):289-92

Resistance of metastatic tumor variants to tumor-specific cytotoxic T-lymphocytes not due to defects in expression of restricting major histocompatibility complex molecules in murine cells. Altevogt P, et al. **Cancer Res** 1984 Nov; 44(11):5305-13

Influence of genotype and the organ of origin on the subtype of T-cell in Moloney lymphomas induced by transfer of preleukemic cells from athymic and thymus-bearing mice. Asjö B, et al. **Cancer Res** 1985 Mar;45(3):1040-5

Human anti-murine immunoglobulin responses in patients receiving monoclonal antibody therapy. Schroff RW, et al. **Cancer Res** 1985 Feb;45(2):879-85

Monoclonal antibody and enzymatic profiles of human malignant T-lymphoid cells and derived cell lines. Smith SD, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5657-60

Biosynthesis and processing of murine T-cell antigen receptor. McIntyre BW, et al. **Cell** 1984 Oct;38(3):659-65

Differential resistance to growth of a tumor expressing incompatible minor alloantigens reflects regulatory influences rather than differences in anti-minor-CTL-P frequencies. Carayanniotis G, et al. **Cell Immunol** 1985 Mar; 91(1):100-10

Lymphoma models for B-cell activation and tolerance. II. Growth inhibition by anti-mu of WEHI-231 and the selection and properties of resistant mutants. Scott DW, et al. **Cell Immunol** 1985 Jun;93(1):124-31

Activation of an interleukin-1-responsive T-cell lymphoma by fixed P388D1 macrophages and an antibody against the Ag:MHC T-cell receptor. Zlotnik A, et al. **Cell Immunol** 1985 Sep;94(2):447-53

Increased immunogenicity of murine lymphoma cells following exposure to gamma rays in vivo. Guadagni F, et al. **Chemioterapia** 1984 Dec;3(6):358-64

Monoclonal immunoglobulins in malignant lymphoma. Chu DT, et al. **Chin Med J [Engl]** 1985 Feb;98(2):111-4

Differences in modifications of cytoplasmic free Ca2+ concentration and 86Rb+ influx in human neoplastic B cells by antibodies to mu- relative to delta-Ig heavy chains. Heikkilä R, et al. **Clin Exp Immunol** 1985 Mar;59(3):695-702

Reactivity of Leu 1 and T101 monoclonal antibodies with B cell lymphomas (correlations with other immunological markers). Al Saati T, et al. **Clin Exp Immunol** 1984 Dec; 58(3):631-8

Cloned neoplastic B cells release a growth factor which augments lymphokine-mediated proliferation of normal B cells. Brooks KH, et al. **Curr Top Microbiol Immunol** 1984; 113:69-71

Growth regulation of a B-cell lymphoma via the antigen receptor. DeFranco AL. **Curr Top Microbiol Immunol** 1984;113:92-5

Ly-1 as a differentiation antigen on normal and neoplastic B cells. Hardy RR, et al. **Curr Top Microbiol Immunol** 1984; 113:231-6

Coexpression of Lyb-2 and Mac-1 by murine lymphomas and subpopulations of normal spleen and bone marrow cells. Holmes KL, et al. **Curr Top Microbiol Immunol** 1984; 113:224-30

Immune regulation of the c-myc oncogene in a murine B lymphoma. McCormack JE, et al. **Curr Top Microbiol Immunol** 1984;113:127-32

The CH series of murine B cell lymphomas: identification of cross-reactive idiotypes and restricted antigen specificities. Pennell CA, et al. **Curr Top Microbiol Immunol** 1984;113:251-7

Immunoglobulin heavy chain switching in cultured I.29 murine B lymphoma cells: commitment to an IgA or IgE switch. Stavnezer J, et al. **Curr Top Microbiol Immunol** 1984;113:109-16

Interleukin-2 receptors on activated malignant and normal B-cells. Waldmann TA, et al. **Curr Top Microbiol Immunol** 1984;113:96-101

Immunoregulatory mechanisms: dissection and diagnosis with monoclonal antibodies. Goldstein G. **Diagn Immunol** 1983;1(3):98-9

The application of monoclonal antibodies to the characterization and diagnosis of lymphoid neoplasms: a review of recent studies. Knowles DM 2d, et al. **Diagn Immunol** 1983;1(3):142-9

Segregation of reactivity to the mitogens lipopolysaccharide, lipoprotein and dextran sulfate in clones of the B cell lymphoma line WEHI 279.1. Kleine B, et al. **Eur J Immunol** 1985 Feb;15(2):207-9

Mouse monoclonal antibodies against the idiotype of human B cell non-Hodgkin lymphomas: production, characterization and use to monitor the progress of disease. Rankin EM, et al. **Eur J Immunol** 1984 Dec;14(12):1119-26

Cloned helper T cells can kill B lymphoma cells in the presence of specific antigen: Ia restriction and cognate vs. noncognate interactions in cytolysis. Tite JP, et al. **Eur J Immunol** 1984 Oct;14(10):878-86

Differential rate of age-related decline in immune functions in genetically defined mice with different tumor incidence and life span. Hirokawa K, et al. **Gerontology** 1984; 30(4):223-33

Quantitative expression and function of differentiation antigens on normal and malignant lymphoid cells. Clark EA, et al. **Hamatol Bluttransfus** 1985;29:455-60

In situ immunologic characterization of follicular lymphomas. Ancelin E, et al. **Hematol Oncol** 1984 Jul-Sep; 2(3):221-37

The immunoarchitecture of cutaneous pseudolymphoma. Wirt DP, et al. **Hum Pathol** 1985 May;16(5):492-510

Infiltration density of HNK 1 positive cells in non-Hodgkin's lymphomas depends on histologic subtype: an in situ morphometric analysis. Gattringer C, et al. **Immunobiology** 1985 Apr;169(3):280-91

H-2 control of expression of an idiotype shared by normal B cells and a B-cell lymphoma. Bishop GA, et al. **Immunogenetics** 1985;21(4):355-66

EL-4 and macrophages: generation of chemotactic monokines. Jutila M, et al. **Immunol Lett** 1984;8(3):137-42

Behaviour of dendritic reticulum cells possessing immunoreactive acid cysteine-proteinase inhibitor in human lymphoid secondary follicles and in follicular-centre cell lymphomas. Alavaikko M, et al. **Int J Cancer** 1985 Mar 15;35(3):319-25

Characterization of tumor progression from threshold tumor inocula: evidence for natural resistance. Brown GW, et al. **Int J Cancer** 1985 Mar 15;35(3):385-93

Carbohydrates as antigenic determinants of tumor-associated antigens recognized by monoclonal anti-tumor antibodies produced in a syngeneic system. Ito M, et al. **Int J Cancer** 1984 Nov 15;34(5):689-97

Paired Epstein-Barr virus-carrying lymphoma and lymphoblastoid cell lines from Burkitt's lymphoma patients: comparative sensitivity to non-specific and to allo-specific cytotoxic responses in vitro. Rooney CM, et al. **Int J Cancer** 1984 Sep 15;34(3):339-48

Natural resistance of mice pretreated with 5-(3,3'-dimethyl-1-triazeno)-imidazole-4-carboxamide (DTIC) + cyclophosphamide (Cy) against virus-induced lymphoma cells. Campanile F, et al. **Int J Immunopharmacol** 1984;6(4):251-8

Bimodal effects of MVE-2 on cytotoxic activity of natural killer cell and macrophage tumoricidal activities. Piccoli M, et al. **Int J Immunopharmacol** 1984;6(6):569-76

Monoclonal antibodies and cutaneous T cell lymphoma. Theoretical and practical considerations. McMillan EM. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):102-14 (149 ref.)

Human leukocyte antigens in cutaneous T cell lymphoma. Rosen ST, et al. **J Am Acad Dermatol** 1985 Mar;12(3):531-4

Discordance between surface and cytoplasmic expression of the Leu-4 (T3) antigen in thymocytes and in blast cells from childhood T lymphoblastic malignancies. Link MP, et al. **J Clin Invest** 1985 Jul;76(1):248-53

A human T cell lymphoma secreting an immunoglobulin E specific helper factor. Young MC, et al. **J Clin Invest** 1985 Jun;75(6):1977-82

Lymphoid and epithelial markers in small cell anaplastic thyroid tumours. Burt AD, et al. **J Clin Pathol** 1985 Aug; 38(8):893-6

A monoclonal antibody that detects HLA-D region antigen in routinely fixed, wax embedded sections of normal and neoplastic lymphoid tissues. Epenetos AA, et al.

J Clin Pathol 1985 Jan;38(1):12-7

Expression of leucocyte common antigen and epithelial membrane antigen in plasmacytic malignancies [letter] Salter DM, et al. **J Clin Pathol** 1985 Jul;38(7):843-4

B-cell markers in malignant B-cell lymphoma with scleroderma-like manifestation. Van Joost T, et al. **J Cutan Pathol** 1984 Dec;11(6):495-500

Natural killer-mediated lysis of normal and malignant target cells, and its regulation by monocytes. Oshimi K, et al. **J Exp Med** 1985 Aug 1;162(2):472-86

High incidence of B cell lymphomas derived from thymectomized AKR mice expressing TL.4 antigen. Peled A, et al. **J Exp Med** 1985 Sep 1;162(3):1081-6

Lymphoid tumors displaying rearrangements of both immunoglobulin and T cell receptor genes. Pelicci PG, et al. **J Exp Med** 1985 Sep 1;162(3):1015-24

Frequent biclonality and Ig gene alterations among B cell lymphomas that show multiple histologic forms. Siegelman MH, et al. **J Exp Med** 1985 Apr 1;161(4):850-63

Induction of immunoglobulin isotype switching in cultured I.29 B lymphoma cells. Characterization of the accompanying rearrangements of heavy chain genes. Stavnezer J, et al. **J Exp Med** 1985 Mar 1;161(3):577-601

Syngeneic antiidiotypic immune responses to a B cell lymphoma. Comparison between heavy chain hypervariable region peptides and intact Ig as immunogens. Thielemans K, et al. **J Exp Med** 1985 Jul 1;162(1):19-34 (40 ref.)

The generation of monoclonal anti-idiotype antibodies to human B cell-derived leukemias and lymphomas. Giardina SL, et al. **J Immunol** 1985 Jul;135(1):653-8

Phenotypic variation in clonal Abelson virus lymphoma cells. Green PL, et al. **J Immunol** 1985 Feb;134(2):1268-75

Origin and differentiation of natural killer cells. I. Characteristics of a transplantable NK cell precursor. Hackett J Jr, et al. **J Immunol** 1985 Jun;134(6):3731-8

Expression of a laminin-like substance on the surface of murine natural killer (NK) lymphocytes and its role in NK recognition of tumor target cells. Hiserodt JC, et al. **J Immunol** 1985 Aug;135(2):1484-7

Functional analysis of mononuclear cells infiltrating into tumors: differential cytotoxicity of mononuclear cells from tumors of immune and nonimmune rats. Ibayashi Y, et al. **J Immunol** 1985 Jan;134(1):648-53

Functional recognition of bacterial mitogens by B lymphoma cells: reactivity of WEHI 279.1 to lipopolysaccharide and selection of nonreactive variants. Kleine B, et al. **J Immunol** 1985 Oct;135(4):2541-5

Lymphoma models for B cell activation and tolerance. I. Conditions for the anti-mu-dependent stimulation of growth in NBL, a nude B cell lymphoma. Ling M, et al. **J Immunol** 1985 Mar;134(3):1449-54

Characterization of murine T cell activation signals produced by B lymphoma cells. McKean DJ, et al. **J Immunol** 1985 Apr;134(4):2484-91

Induction of interleukin 2 from a murine B cell tumor by a factor found in immune serum. Maino VC, et al. **J Immunol** 1985 Apr;134(4):2419-25

Cellular events during radiation-induced thymic leukemogenesis in mice: abnormal T cell differentiation in the thymus and defect of thymocyte precursors in the bone marrow after split-dose irradiation. Muto M, et al. **J Immunol** 1985 Mar;134(3):2026-31

The role of suppressor T cells in BCNU-mediated rejection of a syngeneic tumor. Nagarkatti M, et al. **J Immunol** 1985 Aug;135(2):1510-7

The regulation of membrane-bound and secreted alpha-chain biosynthesis during the differentiation of the B cell lymphoma I.29. Sitia R, et al. **J Immunol** 1985 Oct;135(4):2859-64

Sex and H-2 haplotype control the resistance of CBA-BALB hybrids to the induction of T cell lymphoma by Moloney leukemia virus. Storch TG, et al. **J Immunol** 1984 Nov;133(5):2797-800

Stimulation of a cell-mediated cytotoxic response to FeLV-induced T cell lymphomas in the cat. Tompkins MB, et al. **J Immunol** 1985 Oct;135(4):2817-23

The strain of mouse and assay conditions influence whether MuIFN-gamma primes or activates macrophages for tumor cell killing. Pace JL, et al. **J Leukocyte Biol** 1985 Apr;37(4):475-9

Immunohistochemical analysis of human MHC class II antigens in B-cell non-Hodgkin's lymphomas. Krajewski AS, et al. **J Pathol** 1985 Feb;145(2):185-94

Surface membrane phenotypic expression and treatment response of malignant lymphomas. Lauder I, et al. **J Pathol** 1985 Mar;145(3):259-68

Immunohistochemical staining of non-Hodgkin's lymphoma with monoclonal antibodies specific for the leucocyte common antigen. Salter DM, et al. **J Pathol** 1985 Aug;146(4):345-53

Comparison between murine natural antibodies and natural killer cells: recognition of separate target structures as revealed by differential in vitro expression and dependence on glycosylation. Grönberg A, et al. **JNCI** 1985 Jan;74(1):67-75

Adult T-cell leukemia-lymphoma in the Hokuriku District and presentation of a case in hematological remission after cryptococcus infection. Hirose Y, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):601-12

Monoclonal gammopathy in adult T-cell leukemia/lymphoma: a report of three cases. Kamihira S, et al. **Jpn J Clin Oncol** 1984 Dec;14(4):699-704

Immunopathology of non-Hodgkin lymphomas. Huber H, et al. **Klin Wochenschr** 1984 Nov 2;62(21):1001-10

Identification of two major B cell forms of nodular mixed lymphoma. Grogan TM, et al. **Lab Invest** 1984 Nov;51(5):504-14

Immunohistochemical analysis of human lymphomas with monoclonal antibodies to B cell and Ia antigens reactive in paraffin sections. Marder RJ, et al. **Lab Invest** 1985 May;52(5):497-504

HTLV-I-positive T-cell lymphoma/leukaemia in an African resident in UK [letter] Stewart JS, et al. **Lancet** 1984 Oct 27;2(8409):984-5

Decline of natural cytotoxicity of human lymphocytes following infection with human T-cell leukemia/lymphoma virus (HTLV). De Vecchis L, et al. **Leuk Res** 1985;9(3):349-55

Biochemical characterization of I-Ak proteins from mutant antigen-presenting B-cell--B-lymphoma hybridomas. Schlauder GG, et al. **Mol Immunol** 1985 May;22(5):597-607

Emergence of idiotype variants during treatment of B-cell lymphoma with anti-idiotype antibodies. Meeker T, et al. **N Engl J Med** 1985 Jun 27;312(26):1658-65

Spontaneous alteration of idiotype in a monoclonal B-cell lymphoma. Escape from detection by anti-idiotype. Raffeld M, et al. **N Engl J Med** 1985 Jun 27;312(26):1653-8

Phenotypic drift and clonal variation in differentiation antigen expression on AKR T-cell lymphoma lines grown in vitro. Howell AL, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):143-54

Inference of cellular origin and differentiation stage of B-cell malignancies using multiple immunological markers. Minato K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1567-78

Immunoglobulin production in neoplastic cells of B cell lymphomas. Mori N, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1591-603

A case of IgM lambda pyroglobulinemia caused by lymphoma probably of ovarian origin. Okubo H, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):124-33

Monoclonal surface membrane immunoglobulins of malignant cells in patients with malignant lymphoma and chronic lymphocytic leukemia. Sugai S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1001-11

Reactivities of neoplastic T cells to human autoantibody and monoclonal antibodies. Takiuchi Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):99-107

Immunoelectronmicroscopic profile of intracytoplasmic immunoglobulins in B non Hodgkin's malignant lymphomas. Comparison with the normal pattern of B lymphoid cells. Reynes M, et al. **Pathol Res Pract** 1984 Jul;178(6):570-8

Expression of differentiation and murine leukemia virus antigens on cells of primary tumors and cell lines derived from chemically induced lymphomas of RF/J mice. Goodenow MM, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7612-6

Cross-reactive idiotypes and common antigen binding specificities expressed by a series of murine B-cell lymphomas: etiological implications. Pennell CA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3799-803

T-cell subsets in malignant lymphomas and monoclonal gammopathies. Bergmann L, et al. **Scand J Haematol** 1985 Feb;34(2):170-6

Phenotypic and functional characterization of human malignant T cells. Harden EA, et al. **Semin Hematol** 1985 Jan;22(1):13-26 (143 ref.)

Lymphocyte markers in human leukemias and lymphomas: methodologic remarks. Preud'homme JL, et al. **Semin Hematol** 1984 Oct;21(4):296-301

Impairment of opsonic function in children with hematologic malignancy during remission induction therapy. Ueno N, et al. **Tohoku J Exp Med** 1985 Feb;145(2):115-23

Monoclonal antibodies recognizing T-cells (Leu 1) and transferrin receptor (OKT 9) crossreact with malignant B-cells of distinct differentiation stages. Ludwig WD, et al. **Tumour Biol** 1984;5(6):321-6

Activation of the alternative complement pathway by lymphoblasts isolated from canine thymic lymphomas. Gorman NT. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):213-25

Immunochemical behaviour of a tumour-associated antigen obtained from an AKR mouse lymphoma. Hajos SE, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):157-69

Antibodies against a tumour-associated antigen in an AKR lymphoma conditioned to grow in BALB/c mice. Hajos SE, et al. **Vet Immunol Immunopathol** 1984 Aug;7(1):53-63

Intracellular J chains in lymphoproliferative diseases. Kelényi G. **Virchows Arch [A]** 1985;405(3):365-78

[So-called immunoglobulin-producing lymphoma with a case presentation and the production of monoclonal immunoglobulin M] Vŭlkov I, et al. **Vutr Boles** 1984;23(6):94-9 (Eng. Abstr.) **(Bul)**

[Specific cytotoxic activity of a virus-induced murine lymphoma] Martin MT, et al. **C R Soc Biol (Paris)** 1985;179(1):137-41 (Eng. Abstr.) **(Fre)**

[NK activity in C57BL/Ka mice during the development of radiation-induced lymphomas] Noël A, et al. **C R Soc Biol (Paris)** 1985;179(2):271-5 (Eng. Abstr.) **(Fre)**

[Differentiation antigens of malignant leukocytes (2)] Bernard A, et al. **Presse Med** 1984 Nov 3;13(39):2371-4, 2379-80 (24 ref.) (Eng. Abstr.) **(Fre)**

[Immunodiagnosis of chronic lymphatic leukemia and leukemic non-Hodgkin's lymphoma with the monoclonal antibodies BL-Ig-L/1, BL-DR/1 and BL-T2] Malberg K, et al. **Arch Geschwulstforsch** 1984;54(4):325-32 (Eng. Abstr.) **(Ger)**

[Immunological characterization of unusual plasmacytic tumor cells in a disseminated non-Hodgkin's lymphoma] Burmester GR, et al. **Immun Infekt** 1984 Apr;12(2):107-8 (Eng. Abstr.) **(Ger)**

[Treatment of infections in granulocytopenia patients with a brulamycin-bactrim combination] Magyar T, et al. **Orv Hetil** 1985 Sep 1;126(35):2165-8 (Eng. Abstr.) **(Hun)**

[Use of monoclonal antibodies in hematology] Pagnucco G, et al. **Riv Emoter Immunoematol** 1984;31(1):1-35 **(Ita)**

[Surface marker studies on lymphoma and leukemia cells with microcytotoxicity test using the UCLA Monoclonal Antibody Tray 5] Toki H, et al. **Gan No Rinsho** 1985 Apr;31(4):409-13 (Eng. Abstr.) **(Jpn)**

[Analysis of cell surface properties by flow-cytometry in malignant lymphoma] Uemura H, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):385-7 **(Jpn)**

[Leukemic non-Hodgkin lymphoma cells bearing receptor for the ox blood erythrocytes] Oki H, et al. **Rinsho Byori** 1985 Jan;33(1):99-103 **(Jpn)**

[Peripheral lymphocyte subset analysis by monoclonal antibodies in patients with malignant lymphoma] Takada K, et al. **Rinsho Byori** 1984 Jun;32(6):646-50 **(Jpn)**

[Premalignant lesions of B cell malignancy--from polyclonal to monoclonal phases] Nakano M, et al. **Rinsho Ketsueki** 1985 Mar;26(3):315-31 (192 ref.) **(Jpn)**

[Cell surface markers of childhood leukemias and lymphomas] Shibuya A, et al. **Rinsho Ketsueki** 1985 Jan;26(1):7-14 (Eng. Abstr.) **(Jpn)**

[Disorders of non-specific immunity in malignant lymphoma; their diagnosis and therapeutic criteria] Urasiński I. **Pol Arch Med Wewn** 1985 Jan;73(1):3-7 **(Pol)**

[The Rubenosticon test in hematologic and lymphoreticular diseases] Milejski P, et al. **Pol Tyg Lek** 1984 Jun 11;39(24):815-8 (Eng. Abstr.) **(Pol)**

[Effect of cytotoxic lymphocytes obtained by in vitro immunization with syngeneic lymphoma cells on pluripotent hemopoietic cells] Voitenok NN, et al. **Biull Eksp Biol Med** 1985 May;99(5):604-6 (Eng. Abstr.) **(Rus)**

[Possible role of Bac. megaterium H antigens common with tumor antigens in the increase of the antitumor activity of lymphocytes] Zatula DG, et al. **Eksp Onkol** 1984;6(3):45-7 (Eng. Abstr.) **(Rus)**

[Tumors of lymphoid tissue as experimental models for the study of lymphocyte function] Petrović LM, et al. **Srp Arh Celok Lek** 1984 Apr;112(4):505-14 (Eng. Abstr.) **(Scc)**

[Immunologic damage due to chemotherapy and radiotherapy in children with lymphoma] Vuković I, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):287-94 (Eng. Abstr.) **(Scc)**

[Heterogeneity of surface characteristics of lymphoid cells altered by malignancy] Batinić D, et al. **Lijec Vjesn** 1985 Jul;107(7):273-7 (Eng. Abstr.) **(Scr)**

[Mediterranean lymphoma with secretion of lambda IgA demonstrated by analysis with immunoperoxidases] Clotet B, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):572-4 (Eng. Abstr.) **(Spa)**

[IgG lymphoma versus IgM myeloma: 2 dislocated biological phenotypes] Sánchez Fayos J. **Med Clin (Barc)** 1984 Sep 15;83(7):301-3 **(Spa)**

[Monocyte function in patients with lymphomas] Dorlhiac P, et al. **Sangre (Barc)** 1985;30(1):1-8 (Eng. Abstr.) **(Spa)**

METABOLISM

Magnesium transport in murine S49 lymphoma cells: pharmacology and divalent cation selectivity. Grubbs RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C51-7

The effect of castanospermine on the oligosaccharide structures of glycoproteins from lymphoma cell lines. Palamarczyk G, et al. **Biochem J** 1985 May 1;227(3):795-804

Basal phosphorylation of cyclic AMP-regulated phosphoproteins in intact S49 mouse lymphoma cells. Steinberg RA, et al. **Biochem J** 1985 May 1;227(3):987-94

Antitumour imidazotetrazines--VIII. Uptake and decomposition of a novel antitumour agent mitozolomide (CCRG 81010; M and B 39565; NSC 353451) in TLX5 mouse lymphoma in vitro. Horgan CM, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):217-21

Activity of azelaic acid on cultures of lymphoma- and leukemia-derived cell lines, normal resting and stimulated lymphocytes and 3T3 fibroblasts. Picardo M, et al. **Biochem Pharmacol** 1985 May 15;34(10):1653-8

Mechanism of action of 5'-methylthioadenosine in S49 cells. Riscoe MK, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3639-43

Glycosphingolipids of leukemic cells in adult T-cell leukemia-lymphoma. Kuriyama M, et al. **Biochim Biophys Acta** 1985 May 17;834(3):396-401

Immunoproliferative small intestinal disease and primary small intestinal lymphoma. Relation to alpha chain protein. Banisadre M, et al. **Cancer** 1985 Sep 15;56(6):1384-91

Analysis of the drug synergism between thymidine and arabinosyl cytosine using mouse S49 T lymphoma mutants. Cohen A, et al. **Cancer Chemother Pharmacol** 1985; 14(1):70-3

Phorbol ester-mediated protein phosphorylations in S49 mouse lymphoma cells. Kiss Z, et al. **Cancer Res** 1985 Jun; 45(6):2732-40

Transferrin-like activity produced by murine malignant T-lymphoma cell lines. Kitada S, et al. **Cancer Res** 1985 Aug;45(8):3537-40

Independent regulation of ornithine decarboxylase and S-adenosylmethionine decarboxylase in methylthioadenosine phosphorylase-deficient malignant murine lymphoblasts. Kubota M, et al. **Cancer Res** 1985 Aug;45(8):3567-72

Enhancement by uridine of the anabolism of 5-fluorouracil in mouse T-lymphoma (S-49) cells. Parker WB, et al. **Cancer Res** 1985 Sep;45(9):4249-56

Time course of arrest of immunoglobulin expression in heterokaryons and early hybrids of human lymphoma cells and mouse fibroblasts. A study of transcriptional and translational events. Junker S, et al. **Exp Cell Res** 1985 Jun; 158(2):349-59

Differential binding of conA and WGA on the cell surface, the role of sialic acid in their expression and the increased activity of sialidase after cis-Platin treatment. Sodhi A, et al. **Experientia** 1985 Jan 15;41(1):93-5

Photoaffinity labelling of the nucleoside transporter of cultured mouse lymphoma cells. Almeida AF, et al. **FEBS Lett** 1984 Oct 29;176(2):444-8

Cyclic AMP stimulates dephosphorylation of specific proteins in intact S49 mouse lymphoma cells. Kiss Z, et al. **FEBS Lett** 1985 Jan 28;180(2):207-11

Transmembrane transport of iron from extracellular transferrin by lymphoma cells. Almeida AF, et al. **Int J Nucl Med Biol** 1985;12(1):67-9

Ribonucleotide reductase activity and deoxyribonucleoside triphosphate metabolism during the cell cycle of S49 wild-type and mutant mouse T-lymphoma cells. Albert DA, et al. **J Biol Chem** 1985 Jan 10;260(1):679-84

Differential compartmentation of magnesium and calcium in murine S49 lymphoma cells. Grubbs RD, et al. **J Biol Chem** 1984 Oct 10;259(19):12184-92

Characterization of wild type and mutant glucocorticoid receptors from rat hepatoma and mouse lymphoma cells. Northrop JP, et al. **J Biol Chem** 1985 May 25; 260(10):6398-403

A T-lymphoma transmembrane glycoprotein (gp180) is linked to the cytoskeletal protein, fodrin. Bourguignon LY, et al. **J Cell Biol** 1985 Aug;101(2):477-87

Characterization of mouse lymphoma cells with altered nucleoside transport. Cohen A, et al. **J Cell Physiol** 1985 Jun;123(3):431-4

Resistance of mouse lymphoma L5178YAII cells to alkylation with methylmethane sulphonate resides in a late step of excision repair. Pearson CM, et al. **J Cell Sci** 1984 Jun;68:35-48

Light chains in Mediterranean lymphoma. Isaacson PG, et al. **J Clin Pathol** 1985 Jun;38(6):601-7

Distribution of fibronectin and laminin in normal and pathological lymphoid tissue. Reilly JT, et al. **J Clin Pathol** 1985 Aug;38(8):849-54

Epinephrine-induced sequestration of the beta-adrenergic receptor in cultured S49 WT and cyc- lymphoma cells. Clark RB, et al. **J Cyclic Nucleotide Protein Phosphor Res** 1985; 10(1):97-119

Characterization of a specific androgen receptor in non-Hodgkin's lymphoma cells. Danel L, et al. **J Steroid Biochem** 1984 Oct;21(4):421-6

Phorbol myristate acetate-stimulated production of interleukin 2 by T-cell lymphoma and constitutive production by derived hybridomas. Bubeník J, et al. **Neoplasma** 1984;31(5):497-505

Cytophotometric measurements of the DNA in Hodgkin lymphomas and non-Hodgkin lymphomas. Adler CP, et al. **Pathol Res Pract** 1984 Jul;178(6):579-89

Cell-type-specific receptors for alpha-fetoprotein in a mouse T-lymphoma cell line. Naval J, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3301-5

Lymphoma, analgesia and excitability after morphine administration in mice. Eldridge D, et al. **Proc West Pharmacol Soc** 1984;27:443-6

3H-thymidine uptake in B cell lymphomas--relationship to treatment response and survival. Kvaløy S, et al. **Scand J Haematol** 1985 May;34(5):429-35

[Prostaglandin E2 production by mononuclear cells of peripheral and marrow blood of patients with malignant lymphoma] Nakayama Y, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):802-10 (Eng. Abstr.) **(Jpn)**

[Changes in various biochemical indices and ultrastructure of ascites tumors after combined administration of cyclophosphamide and levorin] Oksman AIa, et al. **Eksp Onkol** 1984;6(1):57-61 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Human T-cell leukemia (lymphotropic) retroviruses and their causative role in T-cell malignancies and acquired immune deficiency syndrome. Gallo RC. **Cancer** 1985 May 15; 55(10):2317-23 (66 ref.)

Retroviruses in human T-cell malignancies. Sarin PS, et al **Cancer Invest** 1984;2(6):467-78

The epidemiology of human T-cell leukemia/lymphoma virus. Ito Y. **Curr Top Microbiol Immunol** 1985;115:99-112

Adult T-cell leukemia/lymphoma and its clinical subtypes from the viewpoints of viral etiology. Shimoyama M. **Curr Top Microbiol Immunol** 1985;115:113-25

Proviral activation of the putative oncogene Pim-1 in MuLV induced T-cell lymphomas. Selten G, et al. **EMBO J** 1985 Jul;4(7):1793-8

Generation of lymphomagenic mouse type-C viruses from radiation- or chemically-induced non-producer T-cell lymphoma cell lines infected with non-oncogenic ecotropic virus. Yanagihara K, et al. **Gann** 1985 May;76(5):331-7

Antibodies to human T-cell leukemia virus-membrane antigens in macaques with malignant lymphoma. Kanki PJ, et al. **Hamatol Bluttransfus** 1985;29:345-9

HTLV-I antibodies associated with cutaneous T cell lymphoma in Denmark. Lange Wantzin G, et al. **Hamatol Bluttransfus** 1985;29:335-7

Herpesvirus HVMA: a new representative in the group of the EBV-like B-lymphotropic herpesviruses of primates. Lapin BA, et al. **Hamatol Bluttransfus** 1985;29:312-3

Molecular cloning and analysis of a new variant of human T-cell leukemia virus (HTLV-ib) from an African patient with adult T-cell leukemia-lymphoma. Hahn BH, et al. **Int J Cancer** 1984 Nov 15;34(5):613-8

Human T-cell leukemia/lymphoma virus (HTLV I) DNA: detection in Italy in a lymphoma and in a Kaposi sarcoma patient [letter] Manzari V, et al. **Int J Cancer** 1984 Dec 15;34(6):891-2

Human T-lymphotropic retroviruses in adult T-cell leukemia-lymphoma and acquired immune deficiency syndrome. Sarin PS, et al. **J Clin Immunol** 1984 Nov; 4(6):415-23 (69 ref.)

Several classes of retroviruses are produced by an AKR mouse T lymphoma cell line. Hays EF, et al. **J Gen Virol** 1984 Nov;65 (Pt 11):1943-53

Expression of murine leukemia viruses in B-cell lymphomas of CWD/Agl mice. Angel JM, et al. **J Virol** 1984 Nov; 52(2):691-4

Integration of type B retroviral DNA in virus-induced primary murine thymic lymphomas. Dekaban GA, et al. **J Virol** 1984 Dec;52(3):784-92

Karyotypic differences between primary cultures and cell lines from tumors with the human T-cell leukemia virus. Nowell PC, et al. **JNCI** 1984 Oct;73(4):849-52

Viruses as risk factors or causes of human leukaemias and lymphomas? de Thé G, et al. **Leuk Res** 1985;9(6):691-6

Catalogue of Epstein-Barr virus (EBV) receptors on human malignant and non-malignant hematopoietic cell lines. Tatsumi E, et al. **Leuk Res** 1985;9(2):231-8

Formation of a transformed follicle is necessary but not sufficient for development of an avian leukosis virus-induced lymphoma. Baba TW, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):213-6

Occurrence of HTLV-I antibodies in Danish patients with cutaneous T-cell lymphoma. Saxinger WC, et al. **Scand J Haematol** 1985 May;34(5):455-62

Integration and expression of MCF-13 provirus in MCF-13-induced lymphomas. Boiocchi M, et al. **Tumori** 1984 Dec 31;70(6):467-76

The involvement of a type-B retrovirus in the induction of thymic lymphomas. Ball JK, et al. **Virology** 1985 Jan 15; 140(1):159-72

Differences in lymphomagenic properties of AKR mouse retroviruses. Hays EF, et al. **Virology** 1984 Oct 15; 138(1):49-57

Ecotropic and dualtropic mink cell focus-inducing murine leukemia viruses can induce a wide spectrum of H-2 controlled lymphoma types. Zijlstra M, et al. **Virology** 1984 Oct 30;138(2):198-211

[Pseudo-mycosis fungoides T-lymphoma associated with an HTLV retrovirus in an African] Lessana-Leieowitch M, et al. **Ann Dermatol Venereol** 1984;111(8):725-6 **(Fre)**

MORTALITY

Prognostic factors in stage I and II non-Hodgkin's lymphoma of Waldeyer's ring. Kondo M, et al. **Acta Radiol [Oncol]** 1985 Mar-Apr;24(2):153-8

Stages I and II non-Hodgkin's lymphomas of Waldeyer's ring and the neck. Kong JS, et al. **Am J Clin Oncol** 1984 Dec;7(6):629-39

Malignant lymphomas at the Pathology Department, University of Khartoum, Sudan. Ahmed MA, et al. **East Afr Med J** 1984 Aug;61(8):627-31

Stage IV diffuse large-cell lymphoma: a long-term analysis. Jagannath S, et al. **J Clin Oncol** 1985 Jan;3(1):39-47

Primary lymphomas of the central nervous system: patterns of failure and factors that influence survival. Loeffler JS, et al. **J Clin Oncol** 1985 Apr;3(4):490-4

Farming occupations and mortality from non-Hodgkin's lymphoma in Utah. A case-control study. Schumacher MC. **J Occup Med** 1985 Aug;27(8):580-4

A descriptive epidemiological study of hematopoietic neoplasms in Japan. Kato I, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):347-64

[Mode of recurrence and prognosis on non-Hodgkin's lymphoma of Waldeyer's ring] Takenaka T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1272-80 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

Nonendemic adult T-cell leukemia/lymphoma in the United States: report of two cases and review of the literature. Foucar K, et al. **Am J Clin Pathol** 1985 Jan;83(1):18-26

Neoplasms of the immune system in rheumatoid arthritis. Symmons DP. **Am J Med** 1985 Jan 21;78(1A):22-8

Non-Hodgkin's lymphoma in northern India. A retrospective analysis of 238 cases. Garg A, et al. **Cancer** 1985 Aug 15; 56(4):972-7

Human T-cell leukemia-lymphoma virus type 1 and adult T-cell leukemia-lymphoma in Okinawa. Clark JW, et al. **Cancer Res** 1985 Jun;45(6):2849-52

Human T-cell leukemia/lymphoma viruses: clinical and epidemiologic features. Blattner WA, et al. **Curr Top Microbiol Immunol** 1985;115:67-88

Epidemiology of adult T-cell leukemia/lymphoma in Japan. Tajima K, et al. **Curr Top Microbiol Immunol** 1985; 115:53-66

Primary gastrointestinal lymphoma in Kuwait. An 11-yr retrospective analysis of 108 cases. Omar YT, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):573-7

Opportunities for study of lymphoid neoplasia in Africa. O'Conor GT. **IARC Sci Publ** 1984;(63):629-46

Incidence of adult T-cell leukemia-lymphoma and its familial clustering. Kondo T, et al. **Int J Cancer** 1985 Jun 15; 35(6):749-51

Multiple primary cancers associated with hematological malignancies. Nagura E, et al. **Jpn J Clin Oncol** 1985 Apr; 15 Suppl 1:211-22

Malignant lymphoma in the Miyazaki district: analysis of 237 biopsy cases. Suzumiya J, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):35-47

T-lymphoma associated with HTLV-I outside the Caribbean and Japan [letter] **Lancet** 1985 Aug 10;2(8450):337-8

Lymphoid and haemopoietic malignancy case occurrence in UK, 1984 [letter] Cartwright RA, et al. **Lancet** 1984 Dec 1;2(8414):1270-1

Clustering of lymphoid and haemopoietic malignancy [letter] Swansbury GJ. **Lancet** 1985 Feb 16;1(8425):398-9

Epidemiology of leukaemia and lymphoma. Report of the Leukaemia Research Fund international workshop. Oxford, 25-27 September 1984. **Leuk Res** 1985;9(6):661-832

Leukaemia/lymphoma incidence in New Zealand: acute leukaemia subtypes in the South Island of New Zealand, 1983-1984. Beard ME, et al. **Leuk Res** 1985;9(6):803-7

Leukaemia and lymphoma in Malaysia. Bosco J, et al. **Leuk Res** 1985;9(6):789-91

Recent epidemiological studies of leukaemia in the United Kingdom. Cartwright RA. **Leuk Res** 1985;9(6):675-82

Immunological phenotype of leukaemias and lymphomas in Argentina. Fainboim L, et al. **Leuk Res** 1985;9(6):813-6

The epidemiology of lymphomas and leukaemias in Africa--an overview. Fleming AF. **Leuk Res** 1985; 9(6):735-40

Leukaemia and lymphoma in Kenya. Kasili EG. **Leuk Res** 1985;9(6):747-52

Leukaemias and lymphomas at Lucknow, India. Kushwaha MR, et al. **Leuk Res** 1985;9(6):799-802

Descriptive epidemiology of childhood leukaemia and lymphoma in Great Britain. Stiller CA. **Leuk Res** 1985; 9(6):671-4

Influence of life-style on the pattern of leukaemia and lymphoma subtypes among Nigerians. Williams CK. **Leuk Res** 1985;9(6):741-5

[Composition and distribution of malignant lymphoma in China--an analysis of 3, 366 cases] Li JY. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):185-8 (Eng. Abstr.) **(Chi)**

[Breast cancer and hematological malignancy in the same patients] Horikoshi N, et al. **Gan No Rinsho** 1985 Mar, 31(3):268-74 (Eng. Abstr.) **(Jpn)**

[Monthly changes in serum alpha 2-globulin and immunoglobulin levels in chronic hemodialysis patients--with special reference to the occurrence of cancer and blood transfusion] Misao A, et al. **Gan No Rinsho** 1985 Jul;31(8):953-8 (Eng. Abstr.) **(Jpn)**

[Multiple primary cancers in patients with malignant lymphoma] Sakai K, et al. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1524-9 (Eng. Abstr.) **(Jpn)**

[Second malignancies in non-Hodgkin's lymphoma] Sakai K, et al. **Rinsho Hoshasen** 1984 Nov;29(12):1399-401 (Eng. Abstr.) **(Jpn)**

[Neoplasms of the digestive tract. Review of 70,055 cases of surgical and necropsy material] Gutiérrez Samperio C, et al. **Rev Gastroenterol Mex** 1984 Apr-Jun;49(2):59-67 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Malignant lymphoma of the uterine cervix. Cytologic diagnosis of a case with immunocytochemical corroboration. Taki I, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):607-11

Ultrasonically guided fine-needle biopsy: a new useful technique in pathological staging of malignant lymphoma. Buscarini L, et al. **Acta Haematol (Basel)** 1985;73(3):150-2

Histologic transformation in extranodal non-Hodgkin's lymphoma. Aozasa K, et al. **Acta Pathol Jpn** 1984 Jul; 34(4):767-74

Three cases of primary splenic lymphoma. Case report and review of the Japanese literature. Hara K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):419-35

Malignant lymphoma, small non-cleaved, non-Burkitt's type. Kobayashi H, et al. **Acta Pathol Jpn** 1984 Nov; 34(6):1365-73

Cell electrophoretic characterization of lymphoid cells from various sources in patients with malignant non-Hodgkin lymphomas. Claus R, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):345-54

Human T-cell leukemia/lymphoma syndrome. Christian ES, et al. **Am Fam Physician** 1985 Jul:32(1):155-60

Diffuse malignant lymphoma with cerebriform nuclei: A B-cell lymphoma studied with monoclonal antibodies. Burke JS, et al. **Am J Clin Pathol** 1985 Jun;83(6):753-9

Plasmacytic differentiation in follicular center cell (FCC) lymphomas. Keith TA, et al. **Am J Clin Pathol** 1985 Sep; 84(3):283-90

Immunoperoxidase study of lymphomas. Comparison of a one-step frozen section technic with indirect methods on paraffin sections. Magidson JG, et al. **Am J Clin Pathol** 1985 Aug;84(2):166-72

A case report of malignant lymphoma with Hashimoto's thyroiditis. Noguchi M, et al. **Am J Clin Pathol** 1985 May; 83(5):650-5

Polypoid nasal pseudolymphoma. Rimarenko S, et al. **Am J Clin Pathol** 1985 Apr;83(4):507-9

A case of large multilobated cell lymphoma [letter] Tubbs RR, et al. **Am J Clin Pathol** 1984 Dec;82(6):750-1

Malignant angioendotheliomatosis. An angiotropic lymphoma? Wrotnowski U, et al. **Am J Clin Pathol** 1985 Feb;83(2):244-8

Morphologic and immunologic evidence of composite B- and T-cell lymphomas. A report of three cases developing in follicular center cell lymphomas. York JC 2d, et al. **Am J Clin Pathol** 1985 Jul;84(1):35-43

Primary mediastinal non-Hodgkin's lymphomas: a morphologic and immunologic study of 19 cases. Yousem SA, et al. **Am J Clin Pathol** 1985 Jun;83(6):676-80

Prolonged survival in Richter syndrome with subsequent reemergence of CLL: a case report including serial cell-surface phenotypic analysis. Baumann MA, et al. **Am J Hematol** 1985 Sep;20(1):67-72

Non-Hodgkin's lymphoma limited to the adrenal gland with adrenal insufficiency. Shea TC, et al. **Am J Med** 1985 Apr; 78(4):711-4

Large granular lymphocyte leukemia in F344 rats. Model for human T gamma lymphoma, malignant histiocytosis, and T-cell chronic lymphocytic leukemia. Stromberg PC. **Am J Pathol** 1985 Jun;119(3):517-9

Morphologic and immunologic characterization of 50 peripheral T-cell lymphomas. Weiss LM, et al. **Am J Pathol** 1985 Feb;118(2):316-24

Focal lymphoid hyperplasia (pseudolymphoma) of the esophagus. Sheahan DG, et al. **Am J Surg Pathol** 1985 Feb;9(2):141-7

T-cell signet-ring cell lymphoma. A histologic, ultrastructural, and immunohistochemical study of two cases. Weiss LM, et al. **Am J Surg Pathol** 1985 Apr; 9(4):273-80

Cystic conjunctival masses as the presenting sign of disseminated lymphoma. Roth AM, et al. **Ann Ophthalmol** 1985 Jun;17(6):355-8

Lymphoid tumors of the orbit and ocular adnexa: a long-term follow-up. Vogiatzis KV. **Ann Ophthalmol** 1984 Nov; 16(11):1046-55

Lymphomatoid papulosis. Development into cutaneous T-cell lymphoma. Wantzin GL, et al. **Arch Dermatol** 1985 Jun;121(6):792-4

Examinations concerning the development of lymphoma following transplantation i.p. of AKR mouse lymphoma cells into hybrid mice. Selypes A, et al. **Arch Geschwulstforsch** 1985;55(2):111-6

Small-cell lymphoma and Sjögren's syndrome. Lymphoplasmacytic subvariant of small-cell lymphoma with IgA/kappa immunoglobulin surface markers. Askari AD, et al. **Arch Intern Med** 1985 May;145(5):935-7

Massive skeletal muscle invasion by lymphoma. Grem JL, et al. **Arch Intern Med** 1985 Oct;145(10):1818-20

B-cell lymphoma in two monogamous homosexual men. Levine AM, et al. **Arch Intern Med** 1985 Mar;145(3):479-81

Primary CNS lymphoma in the cerebellopontine angle. Report of a case. Ierokomos A, et al. **Arch Otolaryngol** 1985 Jan;111(1):50-2

Unilocular cystic sebaceous lymphadenoma of the parotid gland. Merwin WH Jr, et al. **Arch Otolaryngol** 1985 Apr; 111(4):273-5

Immunoblastic sarcoma of the nasal cavity. Kristensen S. **Arch Otorhinolaryngol** 1984;240(3):227-30

Non-Hodgkin's lymphoma in pregnancy. Three cases and review of the literature. Ioachim HL. **Arch Pathol Lab Med** 1985 Sep;109(9):803-9

Primary cerebral lymphoma with glomerular renal involvement. Iskandar SS, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):524-8

Rapidly progressive fatal pulmonary infiltration by lymphoma. Kennedy P, et al. **Aust NZ J Med** 1985 Feb; 15(1):62-5

Merocyanine 540 staining of human leukemic cells: relation to stage of disease. Choquet C, et al. **Biomed Pharmacother** 1985;39(1):26-31

Aggressive non-Hodgkin's lymphomas in immunocompromised homosexual males. Kalter SP, et al. **Blood** 1985 Sep;66(3):655-9

Heterogeneity of non-Hodgkin's lymphoma probed by nucleic acid cytometry. Srigley J, et al. **Blood** 1985 May; 65(5):1090-6

Serial incidence of bone marrow GM-CFC prior to the development of acute non-lymphoblastic leukaemia in a child treated for non-Hodgkin's lymphoma. Haworth C, et al. **Br J Haematol** 1985 Jan;59(1):79-84

Differentiation and cytokinetic analyses of normal and neoplastic lymphoid cells in B and T cell malignancies of childhood. Hirt A, et al. **Br J Haematol** 1984 Oct; 58(2):241-8

Malignant lymphoma of the testis. Baldetorp LA, et al. **Br J Urol** 1984 Oct;56(5):525-30

Primary malignant lymphoma of the bladder. Gupta DR, et al. **Br J Urol** 1985 Apr;57(2):238-9

Malignant lymphoma and malignant angioendotheliomatosis: one disease. Bhawan J, et al. **Cancer** 1985 Feb 1;55(3):570-6

Primary gastrointestinal non-Hodgkin's lymphomas. A retrospective clinicopathologic study of 150 cases. Dragosics B, et al. **Cancer** 1985 Mar 1;55(5):1060-73

T-cell lymphoma following Hodgkin's disease. Gowitt GT, et al. **Cancer** 1985 Sep 1;56(5):1191-6

Lymphomas of the mucosa-associated lymphoid tissue. Signet ring cell lymphomas presenting in mucosal lymphoid organs. Hernandez JA, et al. **Cancer** 1985 Feb 1;55(3):592-7

Pulmonary lymphomas and other pulmonary lymphoid lesions. A clinicopathologic and immunologic study of 64 patients. Kennedy JL, et al. **Cancer** 1985 Aug 1; 56(3):539-52

Primary B-cell malignant lymphoma of the maxilla with a sarcomatous pattern and multilobated nuclei. Kluin PM, et al. **Cancer** 1984 Oct 15;54(8):1598-605

Primary splenic presentation of malignant lymphoma and related disorders. A study of 49 cases. Kraemer BB, et al. **Cancer** 1984 Oct 15;54(8):1606-19

Immunoblastic sarcoma of B-cells in a 24-month-old child. Report of a case. Larson T, et al. **Cancer** 1984 Nov 1; 54(9):2032-4

Clinicopathologic and immunologic characteristics of non-Hodgkin's lymphomas presenting in the orbit. A report of eight cases. Lazzarino M, et al. **Cancer** 1985 May 1; 55(9):1907-12

B-cell lymphomas morphologically resembling T-cell lymphomas. Mirchandani I, et al. **Cancer** 1985 Oct 1; 56(7):1578-83

Malignant lymphoma presenting with prominent splenomegaly. A clinicopathologic study with special reference to intermediate cell lymphoma. Narang S, et al. **Cancer** 1985 May 1;55(9):1948-57

Primary gastrointestinal malignant lymphomas. A morphologic and immunohistochemical study. Papadimitriou CS, et al. **Cancer** 1985 Feb 15;55(4):870-9

Malignant large cell lymphoma of B-cell type with multilobated nuclei. Report of a case and review of the literature. Parfrey NA, et al. **Cancer** 1985 May 1; 55(9):1913-7

Primary lymphoma of Waldeyer's ring. Clinicopathologic study of 68 cases. Saul SH, et al. **Cancer** 1985 Jul 1; 56(1):157-66

Retroperitoneal mass presentations of B-immunoblastic sarcoma. Waldron JA Jr, et al. **Cancer** 1985 Oct 1; 56(7):1733-41

Peripheral T-cell lymphoma. A clinicopathologic study of a morphologically diverse entity. Weisenburger DD, et al. **Cancer** 1985 Oct 15;56(8):2061-8

Biologic and pharmacologic effects of harringtonine on human leukemia-lymphoma cells. Takemura Y, et al. **Cancer Chemother Pharmacol** 1985;14(3):206-10

Parametrial needle biopsy: follow-up of pelvic malignancies. Selim MA, et al. **Cancer Detect Prev** 1984;7(4):269-73

Lymphomas of T-cell phenotype [editorial] Filippa DA. **Cancer Invest** 1984;2(5):427-8

Pathologic and clinical spectrum of post-thymic T-cell malignancies. Jaffe ES. **Cancer Invest** 1984;2(5):413-26 (78 ref.)

Cellular DNA of human neoplastic B-cells measured by flow cytometry. Braylan RC, et al. **Cancer Res** 1984 Nov; 44(11):5010-6

Lymphokine-induced monocytic differentiation as a possible mechanism for hypercalcemia associated with adult T-cell lymphoma. Dodd RC, et al. **Cancer Res** 1985 Jun; 45(6):2501-6

Isolation of mouse T-cell lymphoma lines from different long-term interleukin 2-dependent cultures. Giglia JS, et al. **Cancer Res** 1985 Oct;45(10):5027-34

Lymph node pathology of HTLV and HTLV-associated neoplasms. Jaffe ES, et al. **Cancer Res** 1985 Sep;45(9 Suppl):4662s-4664s

Inhibition of tumor cell growth by aggregation of a tumor-associated glycolipid antigen: a close functional association between gangliotriaosylceramide and transferrin receptor in mouse lymphoma L-5178Y. Okada Y, et al. **Cancer Res** 1985 Jun;45(6):2793-801

Genetic complexity of glucocorticoid-induced lysis of murine T-lymphoma cells. Weinroth SE, et al. **Cancer Res** 1985 Oct;45(10):4804-9

Fate of Friend leukaemia cells and lymphoma cells injected into mouse blastocysts. Calef E, et al. **Cell Differ** 1984 Dec; 15(2-4):181-4

Phenotypic heterogeneity of Gross virus-induced thymic lymphomas in the rat: cellular origins and migratory properties. Barton RW, et al. **Cell Immunol** 1985 Aug; 94(1):113-21

Acyclic pyrimidine nucleoside analogues: influence on growth of L5178y mouse lymphoma cells and antiherpes activity in KB cells. Allen LB, et al. **Chemotherapy** 1985; 31(2):151-9

Primary cutaneous B-cell lymphoma. Report of a case and review of the English-language literature. Kantor GR, et al. **Cleve Clin Q** 1985 Spring;52(1):87-93

T lymphomas associated with human T-cell leukemia-lymphoma virus may show phenotypic and functional differences from adult T-cell leukemias. Yamada Y, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):306-19

Gastric lymphoma: a clinical study of 28 cases and an evaluation of prognostic factors. Barzilay J, et al. **Clin Oncol** 1984 Sep;10(3):233-40

Follicular hyperplasia in the prelymphomatous avian bursa: relationship to the incidence of B-cell lymphomas. Humphries EH, et al. **Curr Top Microbiol Immunol** 1984; 113:47-55

Transferrin receptors regulate proliferation of normal and malignant B cells. Neckers LM. **Curr Top Microbiol Immunol** 1984;113:62-8

Enhancement of human growth hormone-stimulated mitogenesis of Nb2 node lymphoma cells by 12-O-tetradecanoyl-phorbol-13-acetate. Gertler A, et al. **Endocrinology** 1985 Apr;116(4):1636-44

Primary malignant lymphoma of the esophagus. A case report. Doki T, et al. **Endoscopy** 1984 Sep;16(5):189-92

Non-Hodgkin's lymphomas in Osaka, Japan. Aozasa K, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):487-92

Differentiation in the murine B cell lymphoma I.29: inductive capacities of lipopolysaccharide and Mycoplasma fermentans products. Sitia R, et al. **Eur J Immunol** 1985 Jun;15(6):570-5

Primary lymphoma of the penis. Stewart AL, et al. **Eur J Surg Oncol** 1985 Jun;11(2):179-81

Association of specific cell-surface glycoproteins with a triton X-100-resistant complex of plasma membrane proteins isolated from T-lymphoma cells (P1798). Hoessli D, et al. **Exp Cell Res** 1985 Jan;156(1):239-50

Different biological behavior of AKR lymphoma cells from primary and metastatic tumors. Leibovici J, et al. **Experientia** 1985 Mar 15;41(3):404-7

Single cell origin of radiation-induced thymic lymphoma in mice with cellular mosaicism. Bessho M, et al. **Gann** 1984 Nov;75(11):1002-5

Ultrasonically guided fine needle aspiration biopsy of abdominal lesions in pathological staging of non-Hodgkin's lymphomas. Cavanna L, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):132-5

Case report of primary bone lymphoma with disseminated presentation. Gobbi PG, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):44-8

A model scheme of hematopoietic cell differentiation based on multiple marker analysis of leukemia-lymphomas: T cell lineage. Minowada J, et al. **Hamatol Bluttransfus** 1985; 29:426-9

Evidence of Sternberg-Reed cells being derived from activated lymphocytes. Stein H, et al. **Hamatol Bluttransfus** 1985;29:441-4

Lymphocyte and lymphoma receptors utilized in differentiation, in homing, and in lymphomagenesis. Weissman IL, et al. **Hamatol Bluttransfus** 1985;29:449-54

Growth fractions in malignant non-Hodgkin's lymphomas (NHL) as determined in situ with the monoclonal antibody Ki-67. Gerdes J, et al. **Hematol Oncol** 1984 Oct-Dec; 2(4):365-71

A distinctive follicular hyperplasia in the acquired immune deficiency syndrome (AIDS) and the AIDS related complex. A pre-lymphomatous state for B cell lymphomas? Meyer PR, et al. **Hematol Oncol** 1984 Oct-Dec;2(4):319-47

Multilobated B cell lymphomas. A study of 7 cases. Weiss RL, et al. **Hematol Oncol** 1985 Apr-Jun;3(2):79-86

A salivary gland lymphoma involving contralateral parotid gland and submaxillary gland with a review of the literature. Tanaka T, et al. **Hiroshima J Med Sci** 1984 Jun; 33(2):113-23

Primary malignant lymphomas of the central nervous system: a histological and immunohistological study of 12 cases. Allegranza A, et al. **Histopathology** 1984 Sep;8(5):781-91

Primary malignant lymphoma of the thyroid--a tumour of mucosa-associated lymphoid tissue: review of seventy-six cases. Anscombe AM, et al. **Histopathology** 1985 Jan; 9(1):81-97

Multiple lymphomatous polyposis of the gastrointestinal tract. Isaacson PG, et al. **Histopathology** 1984 Jul; 8(4):641-56

Primary gastric lymphoma--a tumour of mucosa-associated lymphoid tissue. A histological and immunohistochemical study of 36 cases. Moore I, et al. **Histopathology** 1984 Nov; 8(6):1025-39

Non-Hodgkin's lymphoma presenting as malignant pericardial effusion and cardiac tamponade. Almagro UA, et al. **Hum Pathol** 1985 Mar;16(3):315-7

Gastrointestinal Richter's syndrome. Brousse N, et al. **Hum Pathol** 1985 Aug;16(8):854-7

Lymphoma arising in an adenolymphoma. Hall G, et al. **Hum Pathol** 1985 Apr;16(4):424-7

Clonality of benign lymphoid proliferations [letter] Lubbe WJ. **Hum Pathol** 1985 Jun;16(6):650

Conditions affecting clonal growth of lymphoma cells in a semisolid matrix. Hays EF, et al. **In Vitro Cell Dev Biol** 1985 May;21(5):266-70

Proton spin-lattice relaxation studies and elemental analysis of human lymph nodes afflicted with lymphoma. Gopalakrishna S, et al. **Indian J Exp Biol** 1984 Aug; 22(8):407-9

Colony formation in the absence of added growth factors by peripheral blood T-cell colony-forming cells of patients with T-cell malignancies. Georgoulias V, et al. **Int J Cancer** 1984 Oct 15;34(4):471-7

Capacity of B-lymphocytic lines of diverse tumor origin to produce and respond to B-cell growth factors: a progression model for B-cell lymphomagenesis. Gordon J, et al. **Int J Cancer** 1985 Feb 15;35(2):251-6

Establishment and characterization of human myelomonocytic (TYS) and histiocytic (TYH) cell lines. Haranaka K, et al. **Int J Cancer** 1985 Sep 15;36(3):313-9

Suggestive evidence that the highly metastatic variant ESb of the T-cell lymphoma Eb is derived from spontaneous fusion with a host macrophage. Larizza L, et al. **Int J Cancer** 1984 Nov 15;34(5):699-707

HTLV-positive and -negative T-cell lymphomas. Morphological and immunohistochemical differences between European and HTLV-positive Japanese T-cell lymphomas. Lennert K, et al. **Int J Cancer** 1985 Jan 15; 35(1):65-72

The effect of bone marrow stromal cells on the cloning of human leukemia/lymphoma cell lines. Seshadri R, et al. **Int J Cell Cloning** 1984 Sep;2(5):277-85

Unusual clinical presentation of epidermotropic cutaneous lymphoma. Small hypopigmented macules. Dabski K, et al. **Int J Dermatol** 1985 Mar;24(2):108-15

Target cells and thymus microenvironment in the pathogenesis of thymic lymphomas in C57BL/Ka mice. Boniver J, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan; 11(1):65-9

Patterns of thymocyte differentiation markers on virus and radiation induced lymphomas of C57BL/Ka mice. Scott ML, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):71-8

Characterization of a high-grade malignant murine B-cell lymphoma and a study of its dissemination pattern after intraperitoneal or intravenous inoculation. Molenaar WM, et al. **Invasion Metastasis** 1985;5(4):206-17

Immunoblastic lymphoma and thymic epithelial hyperplasia in angioimmunoblastic lymphadenopathy following gold therapy. Krugliak L, et al. **Isr J Med Sci** 1985 Apr; 21(4):381-5

Growth-inhibitory activity of lymphoid cell plasma membranes. II. Partial characterization of the inhibitor. Stallcup KC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1227-34

Growth-inhibitory activity of lymphoid cell plasma membranes. I. Inhibition of lymphocyte and lymphoid tumor cell growth. Stallcup KC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1221-6

Activatable esterase activity of murine natural killer cell--YAC tumour cell conjugates. Petty HR, et al. **J Cell Sci** 1984 Dec;72:1-13

Discordant lymphoma versus single-histology lymphomas [letter] Connors JM. **J Clin Oncol** 1985 Jul;3(7):1043-4

Follicular and diffuse mixed small-cleaved and large-cell lymphoma--a clinicopathologic study. Hu E, et al. **J Clin Oncol** 1985 Sep;3(9):1183-7

A quantitative study of histiocytic reticulum cells in diffuse and follicular non-Hodgkin's lymphomas. Crocker J, et al. **J Clin Pathol** 1984 Nov;37(11):1222-6

Acquisition of high metastatic capacity after in vitro fusion of a nonmetastatic tumor line with a bone marrow-derived macrophage. Larizza L, et al. **J Exp Med** 1984 Nov 1; 160(5):1579-84

The intracutaneous growth of murine lymphomas: epidermal invasion is characteristic of multiple tumor phenotypes. Piepkorn M, et al. **J Invest Dermatol** 1984 Oct;83(4):281-5

Extranodal non-Hodgkin's lymphoma of the oral tissues. An analysis of 20 cases. Slootweg PJ, et al. **J Maxillofac Surg** 1985 Apr;13(2):85-92

Non-Hodgkin's lymphoma arising in adenolymphoma--a report of two cases. Banik S, et al. **J Pathol** 1985 Jul; 146(3):167-77

The distribution of cells of the monocytic-lineage in reactive lymph nodes and non-Hodgkin's lymphomata. Characterization using protein histochemistry, lectin binding and monoclonal antibodies. Freemont AJ, et al. **J Pathol** 1985 Jun;146(2):139-50

Lymphocytic interstitial pneumonia identified as lymphoma of mucosa associated lymphoid tissue. Herbert A, et al. **J Pathol** 1985 Jun;146(2):129-38

Metalophil histiocytes in non-Hodgkin's lymphomas particularly in malignant proliferations of B-lymphocytes. Van [illegible] JA, et al. **J Pathol** 1984 Dec;144(4):241-51

Small cell tumours in childhood: a review. Variend S. **J Pathol** 1985 Jan;145(1):1-25 (134 ref.)

Lymphoid polyps of the rectum. McNicholas T, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):297-302

Cutaneous lymphoma expressing both T-cell and macrophage features. Adams J, et al. **J R Soc Med** 1984; 77 Suppl 4:12-5

SL12 murine T-lymphoma: a new model for tumor cell heterogeneity. MacLeod CL, et al. **JNCI** 1985 Apr; 74(4):875-82

Proliferation of infected lymphoid precursors before Moloney murine leukemia virus-induced T-cell lymphoma. Storch TG, et al. **JNCI** 1985 Jan;74(1):137-43

Time-dependent cytotoxic action of human recombinant alpha-interferon (Ro22-8181) in vitro and the sensitivity of various cultured leukemia and lymphoma cell lines to it. Shibata T, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):67-75

Second primary malignancies in lymphoma patients. Takenaka T, et al. **Jpn J Clin Oncol** 1985 Jun;15(2):443-9

Ascites with peritoneal myeloid metaplasia in a patient with advanced non-Hodgkin's lymphoma. Tamura K, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):25-33

Differential sensitivities of long-term cultured cell lines derived from human haematopoietic malignancies to various anti-cancer drugs. Morikawa K, et al. **Jpn J Med** 1985 Feb;24(1):87-8

Malignant histiocytosis of the intestine: a T-cell lymphoma. Isaacson PG, et al. **Lancet** 1985 Sep 28;2(8457):688-91

FMC-HU-1-B: a lymphoma B-cell line with unusual characteristics. Seshadri R, et al. **Leuk Res** 1985;9(1):97-111

The differential inhibitory effect of lymphotoxin and immune interferon on normal and malignant lymphoid cells. Powell MB, et al. **Lymphokine Res** 1985 Winter;4(1):13-26

Thoughts on the surgical staging of lymphomas. Norton L. **Mt Sinai J Med (NY)** 1985 Mar;52(3):185-8

Staging of lymphoma and testicular carcinoma. Torres WE, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):502-7

Case records of the Massachusetts General Hospital. Case 4-1985. A 36-year-old man with a cardiac mass three years after renal transplantation. **N Engl J Med** 1985 Jan 24; 312(4):226-37

Malignant lymphoma of the small bowel associated with diffuse nodular lymphoid hyperplasia. Matuchansky C, et al. **N Engl J Med** 1985 Jul 18;313(3):166-71

The non-Hodgkin's lymphomas: a review. Verdirame JD. **Nebr Med J** 1985 Mar;70(3):80-6 (28 ref.)

Long survival of primary cerebral lymphoma with progressive radiation necrosis. Merchut MP, et al. **Neurology** 1985 Apr;35(4):552-6

Transformation of Lennert's lymphoma into malignant lymphoma of pleomorphic type. Ikuta T, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):81-8

Leukemic manifestations in a patient with extranodal lymphoma--lymphosarcoma cell leukemia or prolymphocytic leukemia? Shimizu K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):118-23

Stereological analysis of non-Hodgkins lymphomas. Zardawi IM, et al. **Pathology** 1984 Oct;16(4):387-92

Detection of carcinoembryonic antigen as an aid in differential diagnosis of cells in pleural and peritoneal effusions. Breborowicz D, et al. **Patol Pol** 1984 Jan-Mar; 35(1):37-43

Primary cutaneous T-cell lymphoma in a child. Paller AS, et al. **Pediatr Dermatol** 1984 Oct;2(2):131-5

Absence of prognostic significance of skeletal involvement in acute lymphocytic leukemia and non-Hodgkin lymphoma in children. Appell RG, et al. **Pediatr Radiol** 1985;15(4):245-8

Sézary syndrome: phenotypic and functional characterization of the neoplastic cells. Ralfkiaer E, et al. **Scand J Haematol** 1985 May;34(5):385-93

Growth factors for human lymphoid neoplasms. Ford RJ, et al. **Symp Fundam Cancer Res** 1984;37:233-40

A study of correlation between histological, staging classification and prognosis of malignant lymphoma. Yonekura S, et al. **Tokai J Exp Clin Med** 1984 Jun; 9(2):87-94

Malignant lymphoma in childhood. Fujino R. **Tokushima J Exp Med** 1984 Dec;31(3-4):53-60

Primary non-Hodgkin lymphoma of the parotid gland associated with Sjögren's syndrome: a case report. Bandieramonte G, et al. **Tumori** 1985 Feb 28;71(1):85-8

The blood microvasculature in T-cell lymphomas. A morphological, ultrastructural and immunohistochemical study. Kittas C, et al. **Virchows Arch [A]** 1985;405(4):439-52

S-100+ lymph node neoplasm. Report of a case with histological AL and immunological features intermediate between T cell lymphoma and malignant histiocytosis. Ruco LP, et al. **Virchows Arch [A]** 1984;404(4):351-8

Follicular malignant non-Hodgkin's lymphoma with pronounced plasmacytic differentiation: a plasmacytoma-like lymphoma. Schmid U, et al. **Virchows Arch [A]** 1985;405(4):473-81

Undifferentiated thyroid tumors of diffuse small cell type. Histological and immunohistochemical evidence for their lymphomatous nature. Tobler A, et al. **Virchows Arch [A]** 1984;404(2):117-26

Distribution of dendritic reticulum cells in follicular lymphoma and reactive hyperplasia. Light microscopic identification and general morphology. Peters JP, et al. **Virchows Arch [Cell Pathol]** 1984;46(3):215-28

Clinical features of non-Hodgkin's lymphoma in Jamaica. Lofters WS, et al. **West Indian Med J** 1984 Sep;33(3):171-5

[Primary malignant lymphoma of the thyroid] Vŭlkov I, et al. **Khirurgiia (Sofiia)** 1985;38(2):67-70 **(Bul)**

[Löfgren's syndrome (a description of a case)] Stoianov S, et al. **Vutr Boles** 1985;24(2):93-6 (Eng. Abstr.) **(Bul)**

[Recognition of leukemic malignant lymphoma] Mačák J, et al. **Bratisl Lek Listy** 1984 Oct;82(4):1205-14 (Eng. Abstr.) **(Cze)**

[Peripheral T-malignant lymphoma (PTML)] Bednář B, et al. **Cesk Patol** 1985 May;21(2):57-68 (Eng. Abstr.) **(Cze)**

[Mycosis fungoides and lymphomatoid papulosis] Wallach D, et al. **Ann Dermatol Venereol** 1984;111(8):773-4 **(Fre)**

[Anatomopathological aspects of non-Hodgkin's malignant rectocolic lymphoma] Diebold J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):325-9 (Eng. Abstr.) **(Fre)**

[Apparently primary non-Hodgkin's malignant melanoma of the breast. Apropos of 1 case] Seznec JR, et al. **Ann Pathol** 1984 Jun-Aug;4(3):237-40 (Eng. Abstr.) **(Fre)**

[Primary malignant cutaneous lymphomas excluding mycosis fungoides. Anatomoclinical study of 16 cases] Wechsler J, et al. **Ann Pathol** 1984 Sep-Nov;4(4):273-82 (Eng. Abstr.) **(Fre)**

[Recurrent dysimmune lymphomatosis with double palpebral and pulmonary localization. Value of immunohistological study] Entraygues H, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1301-4 **(Fre)**

[Histopathology of Kaposi's sarcoma] Ravisse P, et al. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):533-45 (Eng. Abstr.) **(Fre)**

[Phenotype of thymocyte populations in C57BL/Ka mice during the development of radiation-induced lymphomas] Rongy AM, et al. **C R Soc Biol (Paris)** 1985;179(2):265-70 (Eng. Abstr.) **(Fre)**

[Peripheral T cell lymphoma] Horschowski N, et al. **Nouv Rev Fr Hematol** 1984;26(5):287-93 (Eng. Abstr.) **(Fre)**

[Primary malignant lymphoma of the thyroid (letter)] Nguyen TD, et al. **Presse Med** 1985 Feb 23;14(8):488 **(Fre)**

[Anatomoclinical conference of the Department of Internal Medicine and the Institute of Pathology of the Vaud University Hospital Center, Lausanne. Pathological abdominal mass after double cancer] Gonvers JJ, et al. **Rev Med Suisse Romande** 1985 Feb;105(2):173-9 **(Fre)**

[Conference at the Salpêtrière. 6 July 1983. Progressive paralysis of the cranial nerves and cerebellar instability] Lechevalier B, et al. **Rev Neurol (Paris)** 1984; 140(8-9):523-9 (Eng. Abstr.) **(Fre)**

[Size of cell nuclei in non-Hodgkin lymphomas. Prognostic and diagnostic significance] Donhuijsen K, et al. **Dtsch Med Wochenschr** 1985 Aug 2;110(31-32):1206-11 (Eng. Abstr.) **(Ger)**

[Problem zones of treatment in the primary leukemic course of non-Hodgkin lymphomas] Kühn R. **Folia Haematol (Leipz)** 1985;112(2):260-4 (Eng. Abstr.) **(Ger)**

[Infiltration pattern of immunocompetent lymphocytes in the tissue of malignant non-Hodgkin's lymphoma: relationship to histological and clinical parameters] Gattringer C, et al. **Wien Klin Wochenschr** 1985 Mar 1;97(5):258-63 (Eng. Abstr.) **(Ger)**

[Host reaction in non-Hodgkin's lymphomas: tumor infiltration with monocytes/macrophages] Lechleitner M, et al. **Wien Klin Wochenschr** 1985 Mar 1;97(5):255-8 (Eng. Abstr.) **(Ger)**

[Endoscopic aspects of malignant non-Hodgkin lymphomas of the stomach] Wernicke J, et al. **Z Gastroenterol** 1984 Oct;22(10):563-72 (Eng. Abstr.) **(Ger)**

[Benign lymphoepithelial lesion of the parotid gland and its association with malignant lymphoma] Bignardi L, et al. **Acta Otorhinolaryngol Ital** 1984 May-Jun;4(3):305-15 (Eng. Abstr.) **(Ita)**

[Fine-needle aspiration cytology of the cervical lymph nodes] Fontana P, et al. **Acta Otorhinolaryngol Ital** 1984 Sep-Oct;4(5):599-606 (Eng. Abstr.) **(Ita)**

[Extranodal malignant lymphoma of the head and neck] Vitiello R, et al. **Acta Otorhinolaryngol Ital** 1984 May-Jun; 4(3):297-304 (Eng. Abstr.) **(Ita)**

[Castleman's lymphoma: a case with retroperitoneal location] Gambacorta G, et al. **Arch De Vecchi Anat Patol** 1983 Jul; 65(2-3):185-94 **(Ita)**

[Current trends in malignant gastric lymphoma] Valesi MG, et al. **Chir Ital** 1983 Dec;35(6):911-5 (Eng. Abstr.) **(Ita)**

[Primary lymphoma of the breast] Obialero M, et al. **Minerva Med** 1984 Dec 15;75(47-48):2815-20 (Eng. Abstr.) **(Ita)**

[Prognostic, clinical and anatomo-pathological aspects of gastric lymphoma] Purri P, et al. **Minerva Med** 1985 Apr 7;76(14-15):705-10 (Eng. Abstr.) **(Ita)**

[Hepatic evaluation in malignant lymphoma. Clinico-pathological correlation in 125 cases] Montalbetti L, et al. **Recenti Prog Med** 1984 Nov;75(11):957-70 (Eng. Abstr.) **(Ita)**

[Coexisting malignant lymphoma and advanced adenocarcinoma of the colon--a case report] Moriya Y, et al. **Gan No Rinsho** 1985 Jun;31(7):894-9 (Eng. Abstr.) **(Jpn)**

[CT and pathologic studies on detecting hepatic involvement of malignant lymphoma] Okazaki A, et al. **Gan No Rinsho** 1985 May;31(5):494-500 (Eng. Abstr.) **(Jpn)**

[A report of five cases of multiple cancer with hematologic malignancies] Sugiura K, et al. **Gan No Rinsho** 1985 Jul; 31(8):963-8 (Eng. Abstr.) **(Jpn)**

[Studies on the mechanism of drug resistance in tumor cells and a new antitumor antibiotic] Tanaka N. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2666-73 (Eng. Abstr.) **(Jpn)**

[A case of primary malignant lymphoma of the urinary bladder] Gohji K, et al. **Hinyokika Kiyo** 1985 Apr; 31(4):693-9 (Eng. Abstr.) **(Jpn)**

[A clinicopathologic study on orbital and ocular adnexal lymphoid neoplasms] Uyeno Y. **Nippon Ganka Gakkai Zasshi** 1984 Aug;88(8):1128-37 (Eng. Abstr.) **(Jpn)**

[A case of suppressor/cytotoxic T cell lymphoma originating from the skin and revealing a rapid clinical course due to DIC] Maeda K, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):913-20 **(Jpn)**

[A case of T-cell malignant lymphoma with huge thin-walled cavities in the lung after chemotherapy] Yamaguchi E, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):939-43 (Eng. Abstr.) **(Jpn)**

[Clinicopathological study of non-Hodgkin's lymphomas--age group study] Mori M, et al. **Nippon Ronen Igakkai Zasshi** 1984 Sep;21(5):465-9 (Eng. Abstr.) **(Jpn)**

[Case of helper T cell lymphoma arising from so-called T-zone lymphoma with polycythemia and marked eosinophil infiltration] Nakano M, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1109-15 (Eng. Abstr.) **(Jpn)**

[Current status of the problem of malignant lymphoma (on the centenary of the theory of malignant lymphoma)] Shtern RD. **Arkh Patol** 1984;46(12):13-20 (57 ref.) (Eng. Abstr.) **(Rus)**

[Effects of interferon on the kinetics of the cell cycle of human lymphoma cultured cells] Dobrynin IaV, et al. **Eksp Onkol** 1984;6(5):50-2 (Eng. Abstr.) **(Rus)**

[Analysis of the statistical characteristsics of the distribution of NK/Ly lymphoma cells obtained by laser flow cytometry] Isakov BL, et al. **Eksp Onkol** 1984;6(1):73-4 (Eng. Abstr.) **(Rus)**

[Identification of the cells of dermal proliferation in hemodermias (malignant lymphomas)] Kalamkarian AA, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):8-13 (Eng. Abstr.) **(Rus)**

[Multilobular cell lymphoma (Pinkus lymphoma)] Moragas A, et al. **Med Clin (Barc)** 1985 Jun 22;85(4):151-3 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Esophageal involvement in lymphoma. Agha FP, et al. **Am J Gastroenterol** 1985 Jun;80(6):412-6

The oculocardiac reflex with an orbital tumor [letter] Garrity JA, et al. **Am J Ophthalmol** 1984 Dec 15;98(6):818

Production of burst-promoting activity by monoclonal antibody defined malignant T lymphocytes from patients with lymphocytic leukemia and lymphoma. Froom P, et al. **Blood** 1985 Apr;65(4):997-1001

Synergism and antagonism in the effects of 1 alpha,25-dihydroxyvitamin D3, retinoic acid, dexamethasone, and a tumor-promoting phorbol ester on the functional capability of P388D1 cells: phagocytosis and transglutaminase activity. Goldman R. **Cancer Res** 1985 Jul;45(7):3118-24

Modification of blood-borne arrest properties of lymphoma cells by inhibitors of protein glycosylation suggests the existence of endogenous lectins. Schaaf-Lafontaine N, et al. **Carbohydr Res** 1985 May 15;138(2):315-23

Lymphoma of choroid (a case report). Sen SC, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):105-7

Cell adhesiveness is related to tumorigenicity in malignant lymphoid cells. Hochman J, et al. **J Cell Biol** 1984 Oct; 99(4 Pt 1):1282-8

Induction of maturation in different types of B-cell lymphomas in vitro with TPA and antibodies to surface immunoglobulin. Beiske K, et al. **Scand J Immunol** 1984 Sep;20(3):199-208

PREVENTION & CONTROL

Prophylactic acyclovir in patients receiving bone marrow transplants [letter] Trigg ME, et al. **N Engl J Med** 1985 Jun 27;312(26):1708-9

PSYCHOLOGY

Lymphoma and behavioral responses to psychomotor drugs. Lang JM, et al. **Proc West Pharmacol Soc** 1984;27:455-60

Development of a method for rating cognitive responses to a diagnosis of cancer. Morris T, et al. **Soc Sci Med** 1985; 20(8):795-802

[Case of primary lymphoma of the central nervous system in a patient with symptoms of a neurasthenic syndrome and suspected sitophobia] Magiera P, et al. **Psychiatr Pol** 1984 Mar-Apr;18(2):175-9 **(Pol)**

RADIOGRAPHY

Radiology in primary gastric lymphoma. Fork FT, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(6):481-8

CT demonstration of peripelvic and periureteral non-Hodgkin lymphoma. McMillin KI, et al. **AJR** 1985 May;144(5):945-6

Lymphomatous esophageal nodules: the difficulty in radiological differential diagnosis. Gedgaudas-McClees RK, et al. **Am J Gastroenterol** 1985 Jul;80(7):529-30

Lymphomatous optic neuropathy. Kline LB, et al. **Arch Ophthalmol** 1984 Nov;102(11):1655-7

Computerized tomography evaluation of chest wall involvement in lymphoma. Cho CS, et al. **Cancer** 1985 May 1;55(9):1892-4

Appearance of the intact lymphomatous stomach following radiotherapy and chemotherapy. Libshitz HI, et al. **Gastrointest Radiol** 1985;10(1):25-9

Prolonged hepatic enhancement on computed tomography in a case of hepatic lymphoma. Bechtold RE, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):186-9

Computed tomography of malignant lymphoma involving the skull. Holtås S, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):725-7

Computerized tomography in intracranial manifestations of malignant blood diseases. Picard L, et al. **J Neuroradiol** 1985;12(1):45-60 **(Eng, Fre)**

Computed tomography in primary lymphoma of the brain. Cellerier P, et al. **Neuroradiology** 1984;26(6):485-92

Thoracic wall involvement by Hodgkin disease and non-Hodgkin lymphoma: CT evaluation. Press GA, et al. **Radiology** 1985 Oct;157(1):195-8

Primary gastrointestinal lymphoma. Fitch DD, et al. **South Med J** 1985 Aug;78(8):909-13

Primary intracranial lymphomas. Frank G, et al. **Surg Neurol** 1985 Jan;23(1):3-8

[Correlation of computed tomography and lymphangiography manifestations in non-Hodgkin's lymphomas--a report of 122 cases] Shi ML. **Chung Hua Chung Liu Tsa Chih** 1984 May;6(3):192-5 (Eng. Abstr.) **(Chi)**

[Primary esophageal localization of non-Hodgkin's lymphoma. Apropos of a case] Perfettini C, et al. **J Radiol** 1985 May;66(5):377-9 (Eng. Abstr.) **(Fre)**

[Primary pulmonary lymphoma] Natali F, et al. **Rev Pneumol Clin** 1984;40(6):355-62 (Eng. Abstr.) **(Fre)**

[Intracranial forms of malignant lymphoma manifestations] Galanski M, et al. **Radiologe** 1985 Jun;25(6):265-74 (Eng. Abstr.) **(Ger)**

[Malignant lymphomas of the orbit, facial bones and the parapharyngeal space] Mödder U, et al. **Radiologe** 1985 May;25(5):213-6 (Eng. Abstr.) **(Ger)**

[Computerized tomographic differentiation of adenocarcinoma and malignant lymphoma of the stomach] Stetter G, et al. **Rontgenblatter** 1984 Sep;37(9):317-9 (Eng. Abstr.) **(Ger)**

[Malignant-appearing retroperitoneal lymphography findings in Whipple's disease--a source of possible misdiagnosis] Chételat CA, et al. **Schweiz Med Wochenschr** 1985 Mar 16;115(11):364-8 (Eng. Abstr.) **(Ger)**

[Castelman's tumor of the mesentery] Mirescu D, et al. **Radiol Med (Torino)** 1985 Mar;71(3):164-6 **(Ita)**

[Malignant lymphoma of Waldeyer's ring: is lymphography always necessary?] Hayabuchi N, et al. **Gan No Rinsho** 1985 Feb;31(2):185-9 (Eng. Abstr.) **(Jpn)**

[The evaluation of the anterior extrapleural line in various mediastinal mass lesions] Kobayashi Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25; 44(5):688-99 (Eng. Abstr.) **(Jpn)**

[Metastatic pulmonary calcification--chest roentgenographic manifestations in 11 cases associated with hematologic disorder] Nagasaki M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1494-500 (Eng. Abstr.) **(Jpn)**

[Radiological diagnosis of neoplastic disorders of the hematopoietic system] Ohsawa T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Dec 25; 44(12):1449-69 (Eng. Abstr.) **(Jpn)**

[Correlation between lymphangiography and abdominal computed tomography in the diagnosis of malignant lymphoma of the retroperitoneal lymph nodes] Sampi K, et al. **Rinsho Ketsueki** 1985 Mar;26(3):362-6 (Eng. Abstr.) **(Jpn)**

[Value of computerized tomography and other diagnostic tests in the diagnosis and treatment of meningeal complications of malignant lymphomas] Kotlarek-Haus S, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):161-4 (Eng. Abstr.) **(Pol)**

[Clinical x-ray characteristics of primary isolated stomach lymphomas] Rits IA. **Klin Med (Mosk)** 1985 Apr; 63(4):77-81 (Eng. Abstr.) **(Rus)**

[Roentgenological diagnosis of extranodal lesions in children with hemoblastoses] Zelinskaia NI, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):65-9 (Eng. Abstr.) **(Rus)**

[Lymphographic picture of malignant lymphomas in children] Vesnin AG, et al. **Vopr Onkol** 1985;31(2):67-73 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

What causes uptake of technetium-99m methylene diphosphonate by tumors? A case where the tumor appeared to secrete a hypercalcemia-causing substance. Stone CK, et al. **J Nucl Med** 1985 Mar;26(3):250-3

Non Hodgkin lymphoma detected by renal flow study--a case report. Akhtar M, et al. **JPMA** 1985 Feb;35(2):51-2

Imaging of T-cell lymphoma by radiolabelled monoclonal antibody [letter] Bunn PA Jr, et al. **Lancet** 1984 Nov 24; 2(8413):1219-21

[Significance of gallium scintigraphy in tumors and granulomatosis of the skin] Thiers G, et al. **Z Hautkr** 1984 Sep 1;59(17):1183-4, 1187 (Eng. Abstr.) **(Ger)**

[Gallium scintigraphy in adult T-cell leukemia-lymphoma and angioimmunoblastic lymphoadenopathy with dysproteinemia] Shiozaki H, et al. **Kaku Igaku** 1984 Dec; 21(12):1605-11 (Eng. Abstr.) **(Jpn)**

[Diagnostic evaluation of RI scintigraphy in parotid gland tumors] Haraguchi S. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):520-34 (Eng. Abstr.) **(Jpn)**

[A follow-up study of lymphoscintigraphy of malignant lymphoma with 99 Tc-Re colloid] Otsuka N, et al. **Radioisotopes** 1984 Sep;33(9):654-7 **(Jpn)**

[2 cases of splenic malignancy] Tatsui N, et al. **Rinsho Hoshasen** 1984 Aug;29(8):905-7 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

Adjuvant low dose radiation in childhood T cell leukaemia/lymphoma (report from the United Kingdom Childrens' Cancer Study Group--UKCCSG). Mott MG, et al. **Br J Cancer** 1984 Oct;50(4):457-62

Adjuvant low dose radiation in childhood non-Hodgkin's lymphoma (report from the United Kingdom Childrens' Cancer Study Group--UKCCSG). Mott MG, et al. **Br J Cancer** 1984 Oct;50(4):463-9

Endolymphatic radiotherapy in malignant lymphomas. A clinical evaluation of 285 patients. Bonadonna G, et al. **Cancer** 1968 Oct;22(4):885-98

Malignant lymphoma of the uterine cervix. Komaki R, et al. **Cancer** 1984 Oct 15;54(8):1699-704

Curative radiotherapy in the malignant lymphomas. Nobler MP. **Cancer** 1968 Oct;22(4):752-8

Primary lymphomas of the nasal cavity and paranasal sinuses. Robbins KT, et al. **Cancer** 1985 Aug 15;56(4):814-9

Experimental radiotherapy of murine lymphoma with 131I-labeled anti-Thy 1.1 monoclonal antibody. Badger CC, et al. **Cancer Res** 1985 Apr;45(4):1536-44

The results of high risk acute lymphoblastic leukemia and non-Hodgkin's lymphoma total therapy. Bogusławska-Jaworska J, et al. **Hamatol Bluttransfus** 1985; 29:63-6

The role of radiation therapy in the treatment of early stage large cell lymphoma. Levitt SH, et al. **Hematol Oncol** 1985 Jan-Mar;3(1):33-7

Management of eyelid lymphoma (radiotherapeutic concept). Singh JK, et al. **Indian J Ophthalmol** 1984 Mar-Apr; 32(2):101-4

Radiotherapeutic management of primary thyroid lymphoma. Blair TJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb; 11(2):365-70

Non-Hodgkin's lymphomas of head and neck extranodal sites. Jacobs C, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):357-64

Total skin electron beam and total nodal irradiation for treatment of patients with cutaneous T-cell lymphoma. Micaily B, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun; 11(6):1111-5

Vocal cord paralysis and recovery with thyroid lymphoma. Jiu JB, et al. **Laryngoscope** 1985 Jan;95(1):57-9

Recurrent testicular infiltrates following radiation therapy for lymphoid malignancy. Blatt J, et al. **Med Pediatr Oncol** 1984;12(5):333-5

Fractionated partial body irradiation in systemic treatment of malignant lymphoma. Albrecht M. **Radiobiol Radiother (Berl)** 1984;25(4):563-5

Treatment of malignant conditions of the haematological system. Lampert M. **Radiography** 1984 Nov-Dec; 50(594):281-4

Orbital tumor irradiation using non-coplanar beams. Harisiadis L, et al. **Radiology** 1985 Sep;156(3):823-4

Radiation therapy of lymphoblastic renal masses--benefit or hazard? Saarinen UM. **Radiology** 1985 May;155(2):511-2

Combined radiotherapy-chemotherapy for early stages non-Hodgkin's lymphoma: the 1975-1980 EORTC controlled lymphoma trial. Carde P, et al. **Radiother Oncol** 1984 Dec;2(4):301-12

Intestinal complications of wide field abdominal irradiation for lymphoma. Langlois D, et al. **Radiother Oncol** 1985 Jun;3(4):293-8

[Irradiation therapy of non-Hodgkin's malignant lymphoma of the nasopharynx. An analysis of 91 cases] Zhang ZX. **Chung Hua Chung Liu Tsa Chih** 1984 Jul;6(4):287-9 (Eng. Abstr.) **(Chi)**

[Chromosome aberrations produced in human lymphocytes by in vivo and in vitro irradiation] Fabry L, et al. **C R Soc Biol (Paris)** 1985;179(2):236-42 (Eng. Abstr.) **(Fre)**

[Place of radiotherapy in the treatment of digestive lymphomas] el Gueddari B, et al. **Maroc Med** 1985 Jun; 7(2):550-4 (Eng. Abstr.) **(Fre)**

[The role of radiation therapy of diffuse large cell lymphoma localized in the head and neck] Masaki N, et al. **Gan No Rinsho** 1985 Jun;31(7):793-8 (Eng. Abstr.) **(Jpn)**

[Radiation therapy for primary non-Hodgkin's lymphoma of the head and neck] Teshima T, et al. **Gan No Rinsho** 1985 Apr;31(4):363-9 (Eng. Abstr.) **(Jpn)**

[Total body irradiation for autologous bone marrow transplantation--analysis of interstitial pneumonia and relapse after transplantation] Saito Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25; 44(10):1271-8 (Eng. Abstr.) **(Jpn)**

[Clinical use of radioprotector amifostine (YM-08310)] Takahashi I, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1396-404 (Eng. Abstr.) **(Jpn)**

[A case of non-Hodgkin's lymphoma of the breast origin--marked efficacy of radiotherapy in intraparenchymatous brain metastasis] Nishio T, et al. **Nippon Naika Gakkai Zasshi** 1985 Mar;74(3):338-45 **(Jpn)**

[Effective irradiation of whole body in a case of malignant lymphoma] Mitomo O, et al. **Rinsho Hoshasen** 1984 Aug;

READEX

29(8):893-6 (Eng. Abstr.) **(Jpn)**

[Radiation and chemoradiation therapy of malignant laryngopharyngeal tumors] Morozov AI, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):15-8 (Eng. Abstr.) **(Rus)**

[Whole-body radiotherapy in non-Hodgkin's lymphomas] Figueroa Sandoval JF, et al. **Sangre (Barc)** 1984;29(6):981-6 (Eng. Abstr.) **(Spa)**

SECONDARY

Sequential degradation of heparan sulfate in the subendothelial extracellular matrix by highly metastatic lymphoma cells. Bar-Ner M, et al. **Int J Cancer** 1985 Apr 15;35(4):483-91

Secondary tumors of the prostate. Zein TA, et al. **J Urol** 1985 Apr;133(4):615-6

Relapse of lymphoma in the heart after a 10-year remission. Bell AJ, et al. **Postgrad Med J** 1984 Sep;60(707):607-10

Clinical presentation of metastatic lymphoma to ureter. Caro DJ. **Urology** 1985 Jul;26(1):53-5

[A case of childhood primary malignant intracranial lymphoma showing a meningeal spread] Takahashi T, et al. **No Shinkei Geka** 1985 Mar;13(3):327-34 (Eng. Abstr.) **(Jpn)**

SECRETION

Quantification of ferritin-secreting cells in patients with non-Hodgkin's lymphoma. Ohnishi K, et al. **Acta Haematol (Basel)** 1985;73(3):145-9

[Incidence of highly malignant immunoblastic non-Hodgkin lymphoma in patients with Hodgkin's disease in remission] István L, et al. **Orv Hetil** 1985 May 26;126(21):1267-72 (Eng. Abstr.) **(Hun)**

[Computerized tomographic myelography in Burkitt-like lymphoma] Carini C, et al. **Radiol Med (Torino)** 1984 Sep; 70(9):637-8 **(Ita)**

SURGERY

Primary lymphoma of the liver treated with extended left hepatic lobectomy. Daniel SJ, et al. **Cancer** 1985 Jan 1; 55(1):206-9

Value of splenectomy in non-Hodgkin's lymphoma. Kehoe JE, et al. **Cancer** 1985 Mar 15;55(6):1256-64

Stages IE and IIE non-Hodgkin's lymphomas of the stomach. Comparison of treatment modalities. Maor MH, et al. **Cancer** 1984 Dec 1;54(11):2330-7

Abdominal lymphoma. Role of surgery. ReMine SG. **Surg Clin North Am** 1985 Apr;65(2):301-13

Primary lymphoma of the gastrointestinal tract. Skudder PA Jr, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):5-8

[Undifferentiated carcinoma and lymphoma of the thyroid gland. Apropos of a series of 38 cases] Laccourreye H, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):429-35 (Eng. Abstr.) **(Fre)**

[Primary gastric lymphoma] Perrone G, et al. **Minerva Chir** 1985 Mar 31;40(6):353-8 (Eng. Abstr.) **(Ita)**

[A case of renal lymphoma] Ito Y, et al. **Hinyokika Kiyo** 1983 Oct;29(10):1345-9 (Eng. Abstr.) **(Jpn)**

[Management of malignant tumors of the thymus] Tubota N, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):752-61 (Eng. Abstr.) **(Jpn)**

THERAPY

Clinicopathologic responses in cats with feline leukemia virus-associated leukemia-lymphoma treated with staphylococcal protein A. Engelman RW, et al. **Am J Pathol** 1985 Mar;118(3):367-78

CNS involvement by non-Hodgkin's lymphoma. Response to a standard therapeutic protocol. Raz I, et al. **Arch Neurol** 1984 Nov;41(11):1167-71

A clinical trial of anti-idiotype therapy for B cell malignancy. Meeker TC, et al. **Blood** 1985 Jun;65(6):1349-63

Treatment of two patients with B cell lymphoma with monoclonal anti-idiotype antibodies. Rankin EM, et al. **Blood** 1985 Jun;65(6):1373-81

Intensive cytotoxic therapy followed by autologous bone marrow transplantation for non-Hodgkin's lymphoma of high-grade malignancy. Verdonck LF, et al. **Blood** 1985 Apr;65(4):984-9

The non-Hodgkin's lymphomas. Ultmann JE, et al. **CA** 1985 Mar-Apr;35(2):66-87

Management of localized non-Hodgkin's lymphoma. MacKenzie RG, et al. **Can Med Assoc J** 1985 Sep 15; 133(6):559-64 (21 ref.)

High-dose chemotherapy and non-frozen autologous bone marrow transplantation in relapsed advanced lymphomas or those resistant to conventional chemotherapy. Carella AM, et al. **Cancer** 1984 Dec 15;54(12):2836-9

Human interferon alpha in malignant lymphoma and Hodgkin's disease. Results of the American Cancer Society trial. Horning SJ, et al. **Cancer** 1985 Sep 15;56(6):1305-10

Bowel perforation during initial treatment for childhood non-Hodgkin's lymphoma. Meyers PA, et al. **Cancer** 1985 Jul 15;56(2):259-61

Comparison of two consecutive trials for treatment of childhood non-Hodgkin's lymphoma. Sackmann-Muriel F, et al. **Cancer** 1984 Dec 15;54(12):2863-8

Pediatric Oncology Group experience with modified LSA2-L2 therapy in 107 children with non-Hodgkin's lymphoma (Burkitt's lymphoma excluded). Sullivan MP, et al. **Cancer** 1985 Jan 15;55(2):323-36

Phase-I-II study of high-dose melphalan and autologous marrow transplantation in adult patients with poor-risk non-Hodgkin's lymphomas. Mascret B, et al. **Cancer Chemother Pharmacol** 1985;14(3):216-21

Induction of in vitro and in vivo antigenic modulation by the anti-human T-cell monoclonal antibody T101. Shawler DL, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5921-7

Autologous bone marrow transplantation with marrow decontaminated by immunotoxin T 101 in the treatment of leukemia and lymphoma: first clinical observations. Gorin NC, et al. **Cancer Treat Rep** 1985 Sep;69(9):953-9

A follow-up and case tracing exercise. Levy LM, et al. **Cent Afr J Med** 1985 Mar;31(3):49-52

Today's treatment of non-Hodgkin's lymphomas. Klener P. **Haematologia (Budap)** 1984;17(4):455-64

Red cell transfusions for polytransfused patients. Goldmann SF. **Hamatol Bluttransfus** 1985;29:102-6

Use of BCG or levamisole as an adjunct to chemotherapy or radiotherapy in malignant lymphomas. Advani SH, et al. **Indian J Med Res** 1985 Mar;81:306-12

Passive adoptive immunotherapy of low-immunogenic BALB/c lymphoma by syngeneic alloimmune T lymphocytes. Colombo MP, et al. **Int J Cancer** 1984 Dec 15;34(6):807-13

The potential benefits of therapeutic splenectomy for patients with Hodgkin's disease and non-Hodgkin's lymphomas. Schreiber DP, et al. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):31-6

New therapeutic approaches to low-grade B cell neoplasms [letter] Robins HI, et al. **J Clin Oncol** 1985 Jul;3(7):1042

Non-Hodgkin's lymphoma of the stomach: a prospective pilot study of surgery plus chemotherapy in early and advanced disease. Sheridan WP, et al. **J Clin Oncol** 1985 Apr;3(4):495-500

Influence of antibody isotype on passive serotherapy of lymphoma. Denkers EY, et al. **J Immunol** 1985 Sep; 135(3):2183-6

Primary central nervous system lymphoma. Kawakami Y, et al. **J Neurosurg** 1985 Apr;62(4):522-7

An immunotoxin composed of monoclonal anti-Thy 1.1 antibody and a ribosome-inactivating protein from Saponaria officinalis: potent antitumor effects in vitro and in vivo. Thorpe PE, et al. **JNCI** 1985 Jul;75(1):151-9

Progress in the management of high risk non-Hodgkin's lymphomas. 10 years of experience of the 3rd Medical Department of Hanusch Hospital, Vienna. Heinz R, et al. **Klin Wochenschr** 1985 Jul 15;63(14):619-26

Untreated low-grade non-Hodgkin's lymphoma [letter] **N Engl J Med** 1985 May 2;312(18):1191-2

Treatment of advanced non-Hodgkin's lymphoma with recombinant leukocyte A interferon. Foon KA, et al. **N Engl J Med** 1984 Nov 1;311(18):1148-52

Non-Hodgkin's lymphoma: management strategies [editorial] Gaynor ER, et al. **N Engl J Med** 1984 Dec 6;311(23):1506-8

Complications from long-term indwelling central venous catheters, with special reference to infections. Kappers-Klunne MC, et al. **Neth J Med** 1985;28(5):192-6

Non-Hodgkin's lymphoma in children. Link MP. **Pediatr Clin North Am** 1985 Jun;32(3):699-720 (88 ref.)

Poor prognosis non-Hodgkin's lymphoma in the elderly: clinical presentation and management. Mead GM, et al. **Q J Med** 1984 Summer;53(211):381-90

An alternating chemotherapy and radiotherapy combination for non-Hodgkin's lymphomas of unfavourable histologies: feasibility and preliminary results. Cosset JM, et al. **Radiother Oncol** 1985 Feb;3(2):133-8

Bone marrow transplantation for acute leukemia and lymphoma with high-dose cytosine arabinoside and total body irradiation. Herzig RH, et al. **Semin Oncol** 1985 Jun; 12(2 Suppl 3):184-6

Molecular selectivity of cryofiltration plasmapheresis: a reappraisal. Blumenstein M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:248-53

[Experience treating 30 cases of oromaxillofacial non-Hodgkin's lymphoma] Qiu W. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):78-80, 126 (Eng. Abstr.) **(Chi)**

[Advances in the chemotherapy of non-Hodgkin's lymphoma] Song SZ. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):180-4 (17 ref.) **(Chi)**

[Diagnosis and treatment of non-Hodgkin lymphoma] de Pauw BE, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13; 129(15):675-9 **(Dut)**

[Therapeutic indications in digestive localizations of non-Hodgkin's lymphoma in adults] Boiron M, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):331-7 (Eng. Abstr.) **(Fre)**

[Non-Hodgkin's malignant lymphoma with cervicofacial expression. Modulation of the radiotherapy-chemotherapy combination according to the cytological class] Bolla M, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):621-5 (Eng. Abstr.) **(Fre)**

[Massive chemotherapy and bone marrow autografts in solid tumors and non-leukemic lymphomas in pediatrics] Philip T, et al. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):745-52 (83 ref.) (Eng. Abstr.) **(Fre)**

[Treatment of Kaposi's sarcoma] Coulaud JP. **Bull Soc Pathol Exot Filiales** 1984;77(4 Pt 2):599-603 (Eng. Abstr.) **(Fre)**

[The role of splenectomy in the treatment of lymphomas of low malignancy] Varga G, et al. **Dtsch Med Wochenschr** 1985 Mar 1;110(9):328-32 (Eng. Abstr.) **(Ger)**

[Childhood B-cell lymphomas and leukemias. Improvement of prognosis by a therapy developed for B-neoplasms by the BFM study group] Müller-Weihrich S, et al. **Onkologie** 1984 Aug;7(4):205-8 (Eng. Abstr.) **(Ger)**

[Sequential polychemotherapy and large-field radiotherapy of non-Hodgkin's lymphoma] Kuse R, et al. **Strahlentherapie** 1985 Apr;161(4):231-8 (Eng. Abstr.) **(Ger)**

[Preliminary results of Re-PUVA therapy in cutaneous T-cell lymphomas] Thiele B, et al. **Z Hautkr** 1985 Jan; 60(1-2):116-9 (Eng. Abstr.) **(Ger)**

[Diagnostic and therapeutic problems of primary malignant non-Hodgkin's lymphoma of the stomach] Bottani G, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1671-8 (Eng. Abstr.) **(Ita)**

[Post therapeutic myeloblastic leukemia in non-Hodgkin's lymphoma] Maekawa I, et al. **Gan No Rinsho** 1984 Sep; 30(11):1422-8 (Eng. Abstr.) **(Jpn)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in hematological malignancies] **Gan To Kagaku Ryoho** 1985 Apr;12(4):928-35 (Eng. Abstr.) **(Jpn)**

[Phase II study of recombinant leukocyte A interferon (Ro 22-8181) in skin malignant tumors] **Gan To Kagaku Ryoho** 1985 Apr;12(4):936-42 (Eng. Abstr.) **(Jpn)**

[Malignant lymphoma of the skin] Nakajima H, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1735-43 (Eng. Abstr.) **(Jpn)**

[Treatment of hematological malignancies with recombinant leukocyte A interferon (rIFN-alpha A)] Ohno R, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2531-6 (Eng. Abstr.) **(Jpn)**

[Results of the treatment of primary gastric lymphomas--chemotherapy after gastrectomy] Takagi T, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2601-4 **(Jpn)**

[Treatment of malignant lymphoma in childhood] Hattori T, et al. **Rinsho Ketsueki** 1985 Jan;26(1):1-6 (Eng. Abstr.) **(Jpn)**

[Clinical study on the effect of human lymphoblastoid interferon in B-cell malignancies] Takeyama H, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1921-7 (Eng. Abstr.) **(Jpn)**

[Successful combined treatment of thyroid lymphoma with neoplastic infiltration of the larynx and pharynx] Szmeja Z, et al. **Otolaryngol Pol** 1984;38(4):337-41 (Eng. Abstr.) **(Pol)**

[Use of blood and blood preparations in hematologic neoplasms and immunologic deficiency syndromes. III] Ochocka M. **Pediatr Pol** 1984 Dec;59(12):1039-45 (72 ref.) **(Pol)**

[Various indices of natural immunity after transfusion of packed leukocytes into hemoblastosis patients] Faĭnshteĭn FE, et al. **Gematol Transfuziol** 1984 Sep;29(9):13-6 (Eng. Abstr.) **(Rus)**

[Nutritional evaluation of pediatric patients with solid tumors] Bustos P, et al. **Rev Chil Pediatr** 1984 May-Jun; 55(3):164-70 (Eng. Abstr.) **(Spa)**

ULTRASTRUCTURE

Mitochondrial changes in malignant lymphoma cells. Huhn D, et al. **Acta Haematol (Basel)** 1984;72(6):368-71

Adult T-cell lymphoma. A case report with lymph node studies by monoclonal antibodies and ultrastructure. Fernandes BJ, et al. **Am J Surg Pathol** 1984 Dec; 8(12):931-8

Signet ring cell lymphoma in salivary gland. An immunohistochemical and ultrastructural study. Stramignoni A, et al. **Appl Pathol** 1984;2(2):76-84

Characterization of cellular and extracellular plasma membrane vesicles from a non-metastasizing lymphoma (Eb) and its metastasizing variant (ESb). Barz D, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):77-84

Differences in membrane lipid composition and fluidity of transplanted GRSL lymphoma cells, depending on their site of growth in the mouse. Van Blitterswijk WJ, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):521-9

Nuclear morphologic and morphometric analyses of large noncleaved cell and immunoblastic non-Hodgkin's lymphomas. Dardick I, et al. **Hum Pathol** 1984 Oct; 15(10):965-72

Tubular structures in S49 mouse lymphoma are regulated through in vivo host-cell interaction and in vitro interferon treatment. Hochman J, et al. **J Cell Biol** 1985 May; 100(5):1351-6

Bilateral primary malignant lymphoma of the breast. Shpitz B, et al. **Postgrad Med J** 1985 Aug;61(718):729-31

'Anemone' cell (villiform) tumors: electron microscopy and immunohistochemistry of five cases. Taxy JB, et al. **Ultrastruct Pathol** 1984;7(2-3):143-50

Immunoelectron microscopic studies on peripheral T-cell lymphomas using monoclonal antibodies. Shamoto M, et al. **Virchows Arch [Cell Pathol]** 1984;47(4):281-90

[Persistent atypical epitheloid component of malignant lymphomas] Bednář B, et al. **Cesk Patol** 1984 Nov; 20(4):227-34 (Eng. Abstr.) **(Cze)**

[A case of CTCL (TH/I) with tubulo-reticular structure in tumor cells and spontaneous regression] Maeda K, et al.

Nippon Hifuka Gakkai Zasshi 1985 Apr;95(5):561-9 **(Jpn)**

[Electron-microscopic study of non-Hodgkin's lymphoma in head and neck--classification and prognosis] Semba O. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May;87(5):581-9 (Eng. Abstr.) **(Jpn)**

URINE

Urinary cytodiagnostic abnormalities in 50 patients with non-Hodgkin's lymphomas. Cheson BD, et al. **Cancer** 1984 Nov 1;54(9):1914-9

Excretion of modified nucleosides during development of malignant lymphomas in mice after whole body irradiation. Thomale J, et al. **J Cancer Res Clin Oncol** 1984; 108(3):302-7

VETERINARY

Feline malignant lymphoma: log-linear multiway frequency analysis of a population involving the factors of sex and age of animal and tumor cell type and location. Slayter MV, et al. **Am J Vet Res** 1984 Oct;45(10):2178-81

Retrospective study of four years of carcass condemnation rates for malignant lymphoma in California cows. Thurmond MC, et al. **Am J Vet Res** 1985 Jun;46(6):1387-91

Hypercalcemia in cats with feline-leukemia-virus-associated leukemia-lymphoma. Engelman RW, et al. **Cancer** 1985 Aug 15;56(4):777-81

Some characteristics of a porcine retrovirus from a cell line derived from swine malignant lymphomas. Suzuka I, et al. **FEBS Lett** 1985 Apr 8;183(1):124-8

Characterization of cellular sequences flanking an integrated bovine leukemia virus genome. Gelmann EP, et al. **J Virol** 1984 Dec;52(3):988-90

In vitro transcription analysis of the viral promoter involved in c-myc activation in chicken B lymphomas: detection and mapping of two RNA initiation sites within the reticuloendotheliosis virus long terminal repeat. Ridgway AA, et al. **J Virol** 1985 Apr;53(4):161-70

Papovavirus in epitheliomas appearing on lymphoma-bearing hamsters: lack of association with horizontally transmitted lymphomas of Syrian hamsters. Coggin JH Jr, et al. **JNCI** 1985 Jul;75(1):91-7

Antibodies to bovine leukemia virus and presence of malignant lymphoma in slaughtered California dairy cattle. Thurmond MC, et al. **JNCI** 1985 Mar;74(3):711-4

Non-Hodgkin's lymphoma and HTLV-1 antibodies in a gorilla [letter] Lee RV, et al. **N Engl J Med** 1985 Jan 10; 312(2):118-9

Investigations into the association of retroviruses with ovine lymphoma. Dixon RJ, et al. **Res Vet Sci** 1985 Jan; 38(1):126-8

Retroviral spongiform polioencephalomyelopathy. Gardner MB. **Rev Infect Dis** 1985 Jan-Feb;7(1):99-110 (71 ref.)

Marrow transplant studies in dogs with malignant lymphoma. Appelbaum FR, et al. **Transplantation** 1985 May; 39(5):499-504

Canine lymphoma. Madewell BR. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):709-22 (64 ref.)

Fractures in turkeys associated with lymphoma. Randall CJ, et al. **Vet Rec** 1984 Dec 22-29;115(25-26):650-1

LYMPHOMA, BURKITT'S see **BURKITT'S LYMPHOMA**

LYMPHOMA, GIANT FOLLICULAR

CLASSIFICATION

Are follicular large centrocytic and large centroblastic lymphomas one entity? [letter] Molenaar WM, et al. **Br J Cancer** 1984 Nov;50(5):727-8

ETIOLOGY

[Lymphoproliferative diseases secondary to autoimmune thyroiditis] Montalbán C, et al. **Rev Clin Esp** 1984 Jul 15-31;174(1-2):17-20 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Unexpected lambda chain expression in lymphocytic malignancy. Hecht F, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):267-70

The t(14;18) chromosome translocations involved in B-cell neoplasms result from mistakes in VDJ joining. Tsujimoto Y, et al. **Science** 1985 Sep 27;229(4720):1390-3

METABOLISM

Lectin binding properties of human follicular center lymphocytes and follicular (nodular) lymphomas. Strauchen JA. **Hematol Oncol** 1985 Jan-Mar;3(1):11-23

PATHOLOGY

Follicular lymphoma with blastic conversion: a report of two cases with confirmation by immunoperoxidase studies on bone marrow sections. Weiss LM, et al. **Am J Clin Pathol** 1985 Jun;83(6):681-6

Primary lymphoma of the penis. Stewart AL, et al. **Eur J Surg Oncol** 1985 Jun;11(2):179-81

Primary malignant lymphoma of the thyroid--a tumour of mucosa-associated lymphoid tissue: review of seventy-six cases. Anscombe AM, et al. **Histopathology** 1985 Jan; 9(1):81-97

Neoplastic B cells with cerebriform nuclei in follicular lymphomas. Nathwani BN, et al. **Hum Pathol** 1985 Feb; 16(2):173-80

B- and T-cell subsets in follicular centroblastic/centrocytic (cleaved follicular center cell) lymphoma: an immunohistologic analysis of 26 lymph nodes and three spleens. Swerdlow SH, et al. **Hum Pathol** 1985 Apr; 16(4):339-52

Follicular and diffuse mixed small-cleaved and large-cell lymphoma--a clinicopathologic study. Hu E, et al. **J Clin Oncol** 1985 Sep;3(9):1183-7

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 11-1985. A 54-year-old woman with anorexia, nausea, and vomiting and a large mass in the right upper abdominal quadrant. **N Engl J Med** 1985 Mar 14;312(11):706-11

The significance of the number of centroblasts in centroblastic/centrocytic lymphomas. A long term study in a large group of patients. Molenaar WM, et al. **Virchows Arch** [A] 1985;405(3):325-31

[A case report of leukemic follicular lymphoma] Nohno R, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1860-6 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

The role of radiation therapy in the management of the non-Hodgkin's lymphomas. Hoppe RT. **Cancer** 1985 May 1;55(9 Suppl):2176-83 (30 ref.)

[Bleeding postbulbar duodenal ulcer following radiotherapy of non-Hodgkin lymphoma] Lange H, et al. **Z Gesamte Inn Med** 1984 Jul 1;39(13):317-8 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Morphometric nuclear analysis of lymphoid cells in center cell lymphomas and in reactive germinal centers. Tosi P, et al. **Am J Pathol** 1984 Oct;117(1):12-7

LYMPHOMATOID GRANULOMATOSIS

COMPLICATIONS

Pulmonary polymorphic centroblastic type malignant lymphoma in a patient with lymphomatoid granulomatosis, Sjögren syndrome and other manifestations of a dysimmune state. Capron F, et al. **Pathol Res Pract** 1985 May; 179(6):656-65

DIAGNOSIS

Lymphomatoid granulomatosis presenting as central neurogenic hyperventilation. Sunderrajan EV, et al. **Chest** 1984 Oct;86(4):634-6

IMMUNOLOGY

T lymphocyte proliferation in lymphomatoid granulomatosis. Petras RE, et al. **Cleve Clin Q** 1985 Summer;52(2):137-46

MICROBIOLOGY

[BCG dissemination in chronic granulomatous disease] Hódsági M, et al. **Orv Hetil** 1984 Oct 28;125(44):2685-8 (Eng. Abstr.) **(Hun)**

PATHOLOGY

Lymphomatoid granulomatosis. Light microscopic, electron microscopic and immunohistochemical study. Minase T, et al. **Acta Pathol Jpn** 1985 May;35(3):711-21

Lymphomatoid granulomatosis presenting as polyarthritis. Bergin C, et al. **J Rheumatol** 1984 Aug;11(4):537-9

Lymphomatoid granulomatosis with cerebral involvement. Ironside JW, et al. **Neuropathol Appl Neurobiol** 1984 Sep-Oct;10(5):397-406

Lymphomatoid papulosis in an 11-month-old infant. Rogers M, et al. **Pediatr Dermatol** 1984 Oct;2(2):124-30

[An autopsy case with lymphomatoid granulomatosis (Liebow) involving the brain] Kinoshita M, et al. **Rinsho Shinkeigaku** 1985 May;25(5):565-72 (Eng. Abstr.) **(Jpn)**

LYMPHOMATOSIS VIRUS, AVIAN see **AVIAN LEUKOSIS VIRUSES**

LYMPHOPENIA

see related
LYMPHOCYTE DEPLETION

BLOOD

Lymphopenia and abnormal balance of T-lymphocyte subpopulations in toxic epidermal necrolysis. Roujeau JC, et al. **Arch Dermatol Res** 1985;277(1):24-7

Limited usefulness of lymphocytopenia in screening for AIDS in hospital patients. Boyko WJ, et al. **Can Med Assoc J** 1985 Aug 15;133(4):293

T4 lymphopenia in patients with active pulmonary tuberculosis. Beck JS, et al. **Clin Exp Immunol** 1985 Apr; 60(1):49-54

Severe deficiency of B lymphocytes in peripheral blood from multiple myeloma patients. Pilarski LM, et al. **J Clin Invest** 1984 Oct;74(4):1301-6

CHEMICALLY INDUCED

Jejunal mucosa after leukemia treatment in children. Increase of crypt mitotic activity, decrease of intraepithelial lymphocytes and IgA-cells. Perkkiö M, et al. **Acta Paediatr Scand** 1984 Sep;73(5):680-4

DRUG THERAPY

[Use of enzymes for the correction of immunologic deficiency states in vibration disease] Prokopenko LG, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):43-5 **(Rus)**

[Immunomodulating therapy with indomethacin and levamisole in patients with chronic bronchitis and bronchial asthma] Molotkov VN, et al. **Klin Med (Mosk)** 1985 Jun; 63(6):74-9 (Eng. Abstr.) **(Rus)**

[Changes in the cellular reactions in children with chronic hepatitis B, and the use of immunoregulatory drugs] Gol'zand IV, et al. **Pediatriia** 1984 Aug;(8):12-5 (Eng. Abstr.) **(Rus)**

[Modulation of the proliferative response of lymphocytes with a new enkephalin analog--dalargin] Vinogradov VA, et al. **Ter Arkh** 1984;56(11):114-6 **(Rus)**

[Levamisole correction of immunologic disorders in patients with lymphocytic leukemia] Kozak VP. **Vrach Delo** 1985 May;(5):74-7 (Eng. Abstr.) **(Rus)**

[Effect of levamisole and sodium nucleinate on immunologic indicators in patients with liver cirrhosis] Lukash NV, et al. **Vrach Delo** 1985 Jan;(1):28-30 **(Rus)**

ETIOLOGY

Granulocytes, lymphocytes, and toxic epidermal necrolysis [letter] **Arch Dermatol** 1985 Mar;121(3):305-7

Sjögren's syndrome presenting with hypereosinophilia, lymphopenia and circulating immune complexes. Farnam J, et al. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):41-6

Lymphopenia induced by acute bacterial infections in the elderly: a sign of age-related immune dysfunction of major prognostic significance. Proust J, et al. **Gerontology** 1985; 31(3):178-85

[Anatomo-clinical conference. Hôpital de la Pitié-Salpêtrière. Case n. 1 - 1985. Prolonged fever and lymphopenia in a 26-year-old woman] Bentata-Pessayre M, et al. **Ann Med Interne (Paris)** 1985;136(1):69-75 **(Fre)**

[Lymphocyte subpopulations (T4-T8) in postoperative peritonitis (letter)] Eustache ML, et al. **Presse Med** 1984 Dec 22;13(46):2813 **(Fre)**

[Intestinal leiomyosarcoma with pruritus, lymphopenia and antibody deficiency] Dührsen U, et al. **Internist (Berlin)** 1984 Dec;25(12):756-9 **(Ger)**

[Effect of magnetic fields on the hematopoietic system (letter)] Lisiewicz J, et al. **Przegl Lek** 1984;41(11):675 **(Pol)**

[Health and immunological status of newborn infants born to women with chronic pyelonephritis] Levina NP, et al. **Pediatriia** 1984 Dec;(12):24-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Systemic lupus erythematosus and common variable panhypogammaglobulinemia: a patient with absence of circulating B cells. Goldstein R, et al. **Arthritis Rheum** 1985 Jan;28(1):100-3

Localized cutaneous cryptococcosis in an immunosuppressed man. Geyer SJ, et al. **Int J Dermatol** 1984 Dec;23(10):673-5

[Decreased percentage of circulating T-lymphocytes in patients with thalassemic trait] Ogier C, et al. **Riv Emoter Immunoematol** 1984;31(1):58-62 (Eng. Abstr.) **(Ita)**

PATHOLOGY

[Morphologic characteristics of pathological changes in the lungs in experimental tuberculosis in rats with immunodeficiency, and its correction] Aleksandrova AE, et al. **Probl Tuberk** 1984 Aug;(8):58-62 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Induction of lymphopenia causes luteal dysfunction in cattle. Alila HW, et al. **Biol Reprod** 1984 Nov;31(4):671-8

PREVENTION & CONTROL

[Favorable transformation of the initial stage of Hodgkin's disease in children--decrease in the incidence of lymphocyte depletion type] Armata J, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):157-9 (Eng. Abstr.) **(Pol)**

VETERINARY

Combined immunodeficiency in an Appaloosa foal. Perryman LE, et al. **Vet Pathol** 1984 Sep;21(5):547-8

LYMPHOPROLIFERATIVE DISORDERS

[Proliferative disorders of thymocytes] Jiménez Herráez MC. **Sangre (Barc)** 1984;29(4-C):695 **(Spa)**

BLOOD

Serum beta 2 microglobulin in malignant lymphoproliferative disorders. Constantinides IP, et al. **Cancer** 1985 May 15; 55(10):2384-9

Serum beta 2-microglobulin in lymphoproliferative and myeloproliferative diseases. Child JA, et al. **Hematol Oncol** 1984 Oct-Dec;2(4):391-401 (70 ref.)

Immunomodulators and enzymes of purine metabolism in human lymphocytes. Ambrogi F, et al. **Int J Tissue React** 1984;6(5):379-84

[B lymphoproliferative syndrome with characteristics common to chronic lymphatic leukemia, Waldenström disease and plasmacytic leukemia] Tosato F, et al. **Minerva Med** 1984 Nov 17;75(44):2691-4 (Eng. Abstr.) **(Ita)**

CLASSIFICATION

[Intrathymic differentiation of the T lymphocyte and classification of the T-cell lymphoproliferative disorders] García Rodríguez MC. **Sangre (Barc)** 1984;29(4-C):696-701 **(Spa)**

COMPLICATIONS

Necrotizing lymphoid vasculitis in X-linked lymphoproliferative syndrome. Loeffel S, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):546-50

Concurrent myelodysplasia and lymphoproliferation: a disorder of the true pluripotential stem cell? Baumann MA, et al. **Q J Med** 1985 Jun;55(218):199-211

[Chylaskos in lymphangioleiomyomatosis. Peritoneo-venous drainage with Denver shunt] Dienemann H, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):920-2 (Eng. Abstr.) **(Ger)**

[Bacteriological diagnosis of infectious complications in patients with hemoblastoses] Smolianskaia AZ, et al. **Lab Delo** 1984;(12):750-2 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Lymphangioma of the parotid gland. Takato T, et al. **Ann Plast Surg** 1984 Oct;13(4):353-6

Hairy cell leukemia-like chronic lymphoproliferative disorder with nuclear extrusion. Brugiatelli M, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):25-9

Nodular lymphoid disease of the head and neck: lymphocytoma cutis, benign lymphocytic infiltrate of Jessner, and their distinction from malignant lymphoma. Van Hale HM, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):455-61

A systemic lymphoproliferative disorder with morphologic features of Castleman's disease: clinical findings and clinicopathologic correlations in 15 patients. Frizzera G, et al. **J Clin Oncol** 1985 Sep;3(9):1202-16

DIET THERAPY

Inhibition by restricted-calorie diet of lymphoproliferative disease and renal damage in MRL/lpr mice. Fernandes G, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6144-8

DRUG THERAPY

Effect of chemotherapy on T-lymphocyte subsets in B-cell proliferative disorders. Emmendörffer CA, et al. **Blut** 1985 Mar;50(3):149-56

Pulmonary lymphangiomyomatosis. Long-term survival in a patient with poor response to medroxyprogesterone [letter] Bevelaqua FA, et al. **Chest** 1985 Apr;87(4):552-3

Pulmonary lymphangiomyomatosis associated with tuberous sclerosis. Treatment with tamoxifen and tetracycline-pleurodesis. Luna CM, et al. **Chest** 1985 Sep; 88(3):473-5

Treatment of lymphoproliferation caused by Epstein-Barr virus [letter] Ragona G. **N Engl J Med** 1985 Jan 31; 312(5):316-7

Epstein-Barr-virus induced lymphoproliferation. Implications for antiviral chemotherapy. Sullivan JL, et al. **N Engl J Med** 1984 Nov 1;311(18):1163-7

ENZYMOLOGY

Evidence of abnormality of lymphocyte uroporphyrinogen synthase in family members of patients with lymphoproliferative diseases. Lahav M, et al. **Cancer Lett** 1985 Jan;25(3):305-10

Biochemical markers in lymphoproliferative diseases. Rambotti P, et al. **CRC Crit Rev Oncol Hematol** 1985; 2(4):297-321 (194 ref.)

ETIOLOGY

Retroviral induction of acute lymphoproliferative disease and profound immunosuppression in adult C57BL/6 mice. Mosier DE, et al. **J Exp Med** 1985 Apr 1;161(4):766-84

Cyclosporine-associated lymphoproliferation, despite controlled cyclosporine blood concentrations, in a renal allograft recipient. Dossetor JB, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1021-6

[Role of oncogenes in the genesis of hemoblastoses] Iavorkovskiĭ LI. **Eksp Onkol** 1985;7(3):12-20 (37 ref.) (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

X-linked lymphoproliferative syndrome. A new kindred with variable phenotypic expression. Steinherz R, et al. **Am J Dis Child** 1985 Feb;139(2):191-3

Epstein-Barr virus-induced diseases in the X-linked lymphoproliferative syndrome and related disorders. Purtilo DT. **Biomed Pharmacother** 1985;39(2):52-8

Clonal chromosome abnormalities in prison-acquired lymphoproliferative syndrome. Takeuchi J, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):7-16

Association of lpr gene with graft-vs.-host disease-like syndrome. Theofilopoulos AN, et al. **J Exp Med** 1985 Jul 1;162(1):1-18 (50 ref.)

Translocation t(8;10)(q12;p14) in lymphoproliferative disorders. Mecucci C, et al. **Leuk Res** 1984;8(6):1011-7

Chromosome abnormalities in malignant hematologic disorders. Dewald GW, et al. **Mayo Clin Proc** 1985 Oct; 60(10):675-89 (71 ref.)

Cancer cytogenetics. Sanger WG, et al. **Nebr Med J** 1984 Oct;69(10):335-7

Immunologic abnormalities of mice bearing the gld mutation suggest a common pathway for murine nonmalignant lymphoproliferative disorders with autoimmunity. Davidson WF, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):1219-23

Autoimmunity and increased c-myb transcription. Mountz JD, et al. **Science** 1984 Nov 30;226(4678):1087-9

[X-linked lymphoproliferative syndrome] Weening RS, et al. **Tijdschr Kindergeneeskd** 1984 Dec;52(6):244-8 (Eng. Abstr.) **(Dut)**

IMMUNOLOGY

Study of platelet-associated-immunoglobulins in lymphoproliferative disorders. Pecze K, et al. **Allerg Immunol (Leipz)** 1985;31(2):79-82

A lymphoproliferative disorder of T gamma cells with the phenotype of cytotoxic/suppressor T-cell. Amagasaki T, et al. **Am J Hematol** 1985 May;19(1):85-93

Seroepidemiology of human T-cell leukemia virus in the French West Indies: antibodies in blood donors and patients with lymphoproliferative diseases who do not have AIDS. Calender A, et al. **Ann NY Acad Sci** 1984;437:175-6

Lymphokine-induced phagocytosis in angiocentric immunoproliferative lesions (AIL) and malignant lymphoma arising in AIL. Simrell CR, et al. **Blood** 1985 Jun;65(6):1469-76

Chronic helper T cell lymphoproliferative disease [letter] **Br J Haematol** 1985 Jun;60(2):382-4

Nonorgan-specific autoantibodies and immunoglobulin allotypes in relatives of patients with monoclonal gammopathy. Youinou P, et al. **Hum Hered** 1985; 35(4):227-31

Functions of polymorphonuclear (PMN) leukocytes of patients with lymphoproliferative diseases. Peller S, et al. **Immunol Lett** 1985;10(1):53-6

Methisoprinol restoration of leukocyte chemotaxis inhibition by blocking factors in immunoproliferative diseases. Azzarà A, et al. **Int J Tissue React** 1984;6(4):303-10

Impairment of macrophage activating factor (MAF) production in lymphocytes from cancer patients. Cameron DJ. **Jpn J Exp Med** 1985 Feb;55(1):13-9

Asserting the monoclonality of lymphoproliferative disorders [letter] Pachmann K, et al. **Lancet** 1985 Mar 2;1(8427):518

Acquired C1-inhibitor deficiency associated with antiidiotypic antibody to monoclonal immunoglobulins. Geha RS, et al. **N Engl J Med** 1985 Feb 28;312(9):534-40

Monoclonal immunoglobulins and B cell lymphoproliferative disorders. Sugai S, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1604-15

Experimental immunoproliferative diseases. Models for immune responses and tumorigenesis. Hudnall SD. **Surv Immunol Res** 1984;3(4):259-63 (29 ref.)

Intracellular J chains in lymphoproliferative diseases. Kelényi G. **Virchows Arch [A]** 1985;405(3):365-78

[Lymphokine production in vitro by blood lymphocytes from patients with a defective or hyperactive immune system] Gronewold P, et al. **Immun Infekt** 1984 Nov;12(6):287-97 (Eng. Abstr.) **(Ger)**

[Changes in the in vitro antibody formation in B lymphoproliferative diseases] Olgiati A, et al. **Minerva Med** 1985 Sep 15;76(34-35):1557-62 (Eng. Abstr.) **(Ita)**

[Circulating immune complexes in patients with lymphoproliferative and myeloproliferative diseases] Loni C, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):193-202 (Eng. Abstr.) **(Ita)**

[ARC (the AIDS-related complex) (letter)] Ruiz-Argüelles GJ, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):307-8 **(Spa)**

MICROBIOLOGY

Epstein-Barr virus infection and immunoregulation in man. Tosato G, et al. **Adv Immunol** 1985;37:99-149 (228 ref.)

Wiskott-Aldrich syndrome and Epstein-Barr virus-induced lymphoproliferation [letter] Okano M, et al. **Lancet** 1984 Oct 20;2(8408):933-4

Epstein-Barr virus, immunodeficiency, and B cell lymphoproliferation. Hanto DW, et al. **Transplantation** 1985 May;39(5):461-72 (166 ref.)

PATHOLOGY

Granulated T cell lymphocytosis with neutropenia: malignant or benign chronic lymphoproliferative disorder? McKenna RW, et al. **Blood** 1985 Aug;66(2):259-66

T gamma-lymphoproliferative disease and related disorders in humans and experimental animals: a review of the clinical, cellular, and functional characteristics. Reynolds CW, et al. **Blood** 1984 Dec;64(6):1146-58 (107 ref.)

In vitro expansion and analysis of cloned cytotoxic T cells derived from patients with chronic T gamma lymphoproliferative disorders. van de Griend RJ, et al. **Blood** 1985 Apr;65(4):1002-9

Lymphoid proliferations in the orbit: malignant or benign? van der Gaag R, et al. **Br J Ophthalmol** 1984 Dec; 68(12):892-900

Lymphoproliferative disorders in the bone marrow: histologic criteria for classification and staging. Bartl R, et al. **Haematologia (Budap)** 1984;17(2):227-46

Immunohistological analysis of bone marrow involvement in lymphoproliferative disorders. The use of cryostat sections from trephine biopsies. Pizzolo G, et al. **Haematologia (Budap)** 1984;17(2):247-57

Immunocytochemical staining of T and B lymphocytes in serous effusions. Ghosh AK, et al. **J Clin Pathol** 1985 Jun; 38(6):608-12

Lymphomatoid papulosis with possible progression to lymphoma: T-cell subpopulations as prognostic indicators. Shaw M, et al. **J R Soc Med** 1984;77 Suppl 4:9-11

Polyclonal orbital and systemic infiltrates. Rootman J, et al. **Ophthalmology** 1984 Sep;91(9):1112-7

Lymphangioleiomyomatosis presenting in a postmenopausal woman. Sinclair W, et al. **Thorax** 1985 Jun;40(6):475-6

Histological, immunohistological and autopsy findings in lymphogranulomatosis X (including angio-immunoblastic lymphadenopathy). Knecht H, et al. **Virchows Arch [A]** 1985;406(1):105-24

[Histological transformation of low malignancy lymphoproliferative syndromes. Clinical and developmental study of 32 cases] Coiffier B, et al. **Presse Med** 1985 Jun 1;14(22):1229-30, 1235-6 (Eng. Abstr.) **(Fre)**

[Lymphangioleiomyomatosis of the retroperitoneal space] Galil-Ogly GA, et al. **Arkh Patol** 1985;47(3):57-9 (Eng. Abstr.) **(Rus)**

[Isolation of mononuclear cells from the bone marrow of patients with hemoblastoses using one-step ficoll-verographin density gradient separation] Pavlushina SV, et al. **Eksp Onkol** 1984;6(2):68-70 (Eng. Abstr.) **(Rus)**

[Clinical manifestations of lymphoproliferative disorders of thymic origin] Pintado Cros T. **Sangre (Barc)** 1984; 29(4-C):731-40 (77 ref.) **(Spa)**

PREVENTION & CONTROL

Prophylactic acyclovir in patients receiving bone marrow transplants [letter] Trigg ME, et al. **N Engl J Med** 1985 Jun 27;312(26):1708-9

RADIOGRAPHY

Computerized tomography in the diagnosis of lymphangioleiomyomatosis. Merchant RN, et al. **Am Rev Respir Dis** 1985 Feb;131(2):295-7

[X-ray picture of stomach changes in patients with lymphoproliferative processes] Fil'shtinskiĭ AIa, et al. **Gematol Transfuziol** 1984 Aug;29(8):14-6 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Cutaneous lymphoid hyperplasia: results of radiation therapy. Olson LE, et al. **Radiology** 1985 May;155(2):507-9

THERAPY

Oophorectomy for pulmonary lymphangioleiomyomatosis: a case report. Logan RF, et al. **Br J Dis Chest** 1985 Jan; 79(1):98-100

Combined heart-lung transplantation for terminal pulmonary lymphangioleiomyomatosis. Wellens F, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):872-6

Regression of progressive lymphadenopathy in a young child with acute cytomegalovirus (CMV) infection following the administration of transfer factor with specific anti-CMV activity. Nkrumah F, et al. **Lymphokine Res** 1985 Summer; 4(3):237-41

[A case of pulmonary lymphangiomyomatosis diagnosed by TBLB and treated with progesterone and oophorectomy] Kuwabara H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):795-9 (Eng. Abstr.) **(Jpn)**

VETERINARY

Iron, transferrin, and acid and alkaline phosphatase in healthy turkeys and in turkeys inoculated with the lymphoproliferative disease virus. Zimber A, et al. **Poult Sci** 1985 Jan;64(1):71-7

Immunoglobulin-producing tumors. Matus RE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):741-53 (53 ref.)

LYMPHOSARCOMA

Primary lymphoblastic lymphosarcoma of the lung. Banerjee A, et al. **Indian Pediatr** 1984 Sep;21(9):738–40

Pheochromocytoma, renal artery stenosis, and lymphocytic lymphoma associated with von Recklinghausen's neurofibromatosis. Case report and literature review. Kremen AF, et al. **Minn Med** 1985 Feb;68(2):99–101

ANALYSIS

Single cell DNA measurements in benign cutaneous lymphoid infiltrates and in positive patch tests. Ralfkiaer E, et al. **Br J Dermatol** 1985 Mar;112(3):253–62

BLOOD

Cytosine arabinoside transport and metabolism in acute leukemias and T cell lymphoblastic lymphoma. Wiley JS, et al. **J Clin Invest** 1985 Feb;75(2):632–42

CHEMICALLY INDUCED

Myeloproliferative disorder with profound hypereosinophilia associated with chemotherapy for breast cancer. Soffer T, et al. **Cancer** 1984 Dec 1;54(11):2356–9

COMPLICATIONS

Reversible right ventricular outflow tract compression by immunoblastic sarcoma. Come PC, et al. **Am J Cardiol** 1985 Jan 1;55(1):239–40

Nocardia brasiliensis lymphocutaneous syndrome in a patient with lymphosarcoma. Wishnitzer R, et al. **Dermatologica** 1984;169(4):215–6

Characteristics and prognostic value of pleural effusions in non–Hodgkin's lymphomas. Xaubet A, et al. **Eur J Respir Dis** 1985 Feb;66(2):135–40

Catheter–associated fungemia caused by Fusarium chlamydosporum in a patient with lymphocytic lymphoma. Kiehn TE, et al. **J Clin Microbiol** 1985 Apr;21(4):501–4

[Lactic acidosis in non–Hodgkin lymphoma] Nordin H, et al. **Ugeskr Laeger** 1985 Mar 25;147(13):1124–5 (Eng. Abstr.) **(Dan)**

[Uveitis and cerebral lymphoma] Destée A, et al. **Rev Neurol (Paris)** 1984;140(10):567–75 (Eng. Abstr.) **(Fre)**

[Thrombosis of a St. Jude Medical valve in malignant lymphoma and extensive blood vessel malformation] Görlach G, et al. **Z Kardiol** 1985 Feb;74(2):117–20 (Eng. Abstr.) **(Ger)**

[Immunoblastic lymphoma and liver cirrhosis (letter)] Cirasino L, et al. **Haematologica (Pavia)** 1985 Jan–Feb; 70(1):87–8 **(Ita)**

[Multiple lymphosarcoma of the small intestine as the cause of profuse intestinal hemorrhage] Iakovenko LV, et al. **Klin Khir** 1985 May;(5):55 **(Rus)**

[Immunoblastic lymphoma and interstitial nephritis in Sjögren's syndrome] Cobo Reinoso ME, et al. **Med Clin (Barc)** 1984 Oct 6;83(10):420–3 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Infectious mononucleosis mimicking a B cell immunoblastic lymphoma associated with an abnormality in regulatory T cells. Otteman LA, et al. **Am J Med** 1985 May; 78(5):885–90

Large cell lymphoma. II. Differential diagnosis of centroblastic and B–immunoblastic subtypes by morphometry on cytologic preparations. Ball PJ, et al. **Cancer** 1985 Jan 15;55(2):486–92

Nodular lymphoid disease of the head and neck: lymphocytoma cutis, benign lymphocytic infiltrate of Jessner, and their distinction from malignant lymphoma. Van Hale HM, et al. **J Am Acad Dermatol** 1985 Mar; 12(3):455–61

Primary lymphosarcoma of the lung. Mok CK, et al. **J R Coll Surg Edinb** 1985 Feb;30(1):57–60

Primary immunocytoma of the lung: the diagnostic value of bronchoalveolar lavage. Weynants P, et al. **Thorax** 1985 Jul;40(7):542–3

Testicular lymphoma: sonographic findings. Goodman JD, et al. **Urol Radiol** 1985;7(1):25–7

[Malignant lymphomas of the pharynx in children] Sobkowiak R, et al. **Otolaryngol Pol** 1985;39(1):39–45 (Eng. Abstr.) **(Pol)**

[Comparison of various clinical and hematological features of various types of non–Hodgkin lymphomas of a low degree of malignancy in relation to age groups] Dwilewicz–Trojaczek J, et al. **Pol Tyg Lek** 1985 May 20; 40(20):569–72 **(Pol)**

[A panel of monoclonal antibodies and antisera for the diagnosis of human hemoblastoses] Baryshnikov AIu, et al. **Dokl Akad Nauk SSSR** 1985;282(3):753–9 **(Rus)**

[Possibility of using the 'Hemalog D' automatic blood analyzer for the differential diagnosis of hemoblastoses] Lebedeva NB, et al. **Gematol Transfuziol** 1985 Feb; 30(2):50–4 **(Rus)**

[Endogastric lymphocytic lymphosarcoma simulating a chronic callous gastric ulcer] Musiĭ MIa. **Klin Khir** 1985 May;(5):52 **(Rus)**

[Fibroscopy in assessing the effectiveness of radiation therapy in cancer of the upper respiratory tracts and in lymphosarcoma of the tonsillar ring] Belousova NV, et al. **Med Radiol (Mosk)** 1985 Aug;30(8):24–8 (Eng. Abstr.) **(Rus)**

[Lymphosarcoma of the large intestine] Nemsadze GG, et al. **Vestn Khir** 1984 Oct;133(10):56–9 (Eng. Abstr.) **(Rus)**

[Primary lymphoma of the central nervous system] Coca A, et al. **Rev Clin Esp** 1985 Mar;176(4):199–203 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Modulation by a human interferon of antitumor effects of cyclophosphamide against a lymphosarcoma in hamsters. Lee SH, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3439–43

Effectiveness of a six–drug regimen (APO) without local irradiation for treatment of mediastinal lymphoblastic lymphoma in children. Camitta BM, et al. **Cancer** 1985 Aug 15;56(4):738–41

Low–dose deoxycoformycin in lymphoid malignancy. Grever MR, et al. **J Clin Oncol** 1985 Sep;3(9):1196–201

Intrathecal mitozantrone [letter] Laporte JP, et al. **Lancet** 1985 Jul 20;2(8447):160

Isolation and characterization of lymphosarcoma P1798 variants selected for resistance to the cytolytic effects of glucocorticoids in vivo and in culture. Wood KM, et al. **Mol Cell Endocrinol** 1984 Sep;37(2):169–80

Intermediate and high–dose ARA–C and m–AMSA (or daunorubicin) as remission and consolidation treatment for patients with relapsed acute leukaemia and lymphoblastic non–Hodgkin lymphoma. Willemze R, et al. **Scand J Haematol** 1985 Jan;34(1):83–7

[Reversible orthostatic hypotension during vincristine therapy] Petersen KG, et al. **Onkologie** 1984 Dec;7(6):378–9 (Eng. Abstr.) **(Ger)**

[Prognosis and treatment of lymphosarcoma in the leukemic transformation stage of acute leukemia] Abdullaev RA, et al. **Gematol Transfuziol** 1985 Apr;30(4):31–6 (Eng. Abstr.) **(Rus)**

[Evaluation of the therapeutic effectiveness of likurim in lymphosarcoma in dogs] Kliuchanskaia NV, et al. **Gematol Transfuziol** 1984 Aug;29(8):46–9 (Eng. Abstr.) **(Rus)**

[Polychemotherapy of lymphosarcoma by the COP program] Abdullaev RA, et al. **Sov Med** 1984;(7):103–6 **(Rus)**

[Possibilities of using polychemotherapy according to the COP protocol in lymphosarcoma of the gastrointestinal tract] Poddubnaia IV. **Ter Arkh** 1985;57(2):103–6 (Eng. Abstr.) **(Rus)**

[Prognostic value of the initial remission during chemotherapy of patients with lymphosarcoma] Kruglova GV, et al. **Vopr Onkol** 1985;31(1):26–32 (Eng. Abstr.) **(Rus)**

[Metabolic and renal changes in lymphoproliferative syndromes of childhood] Madero López L, et al. **An Esp Pediatr** 1985 Feb;22(2):107–12 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Terminal transferase activity and lymphoblastic neoplasms [editorial] Murphy S, et al. **N Engl J Med** 1984 Nov 22; 311(21):1373–5

[Enzymatic activity of lymphoid cells in malignant lymphoid proliferations in children] Demeocq F. **Ann Pediatr (Paris)** 1984 Oct 15;31(9):755–62 (Eng. Abstr.) **(Fre)**

[Factors reducing the superoxide dismutase activity of the liver of rats with Pliss lymphosarcoma] Simonian MA, et al. **Biokhimiia** 1985 May;50(5):768–73 (Eng. Abstr.) **(Rus)**

[Aldolase metabolism in liver mitochondria and plasma of tumor–bearing rats] Komov VP, et al. **Vopr Med Khim** 1985 May–Jun;31(3):24–6 (Eng. Abstr.) **(Rus)**

[Circadian rhythm of adenosine triphosphatase activity and 32P content in Pliss lymphosarcoma] Seitkazina GD, et al. **Vopr Med Khim** 1984;30(6):38–40 (Eng. Abstr.) **(Rus)**

ETIOLOGY

[Cerebral immunoblastic lymphoma and the acquired immunodeficiency syndrome] Bidet PF, et al. **Ann Fr Anesth Reanim** 1984;3(6):443–5 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Ph1–positive and Ph1–negative abnormal cell lines in a child with lymphoblastic lymphoma. Shikano T, et al. **Br J Haematol** 1984 Nov;58(3):459–64

Immunoblastic lymphoma following Hodgkin's disease: a case report with translocation t(8;14) in tumoral cells and sporadic t(7;14) in peripheral lymphocytes. Aurias A, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):55–63

Two 14q+ chromosomes in malignant lymphoma: crucial cytogenetic changes on 14q. Ohyashiki K, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):325–31

Disruption and activation of the c–myb locus by M–MULV insertion in plasmacytoid lymphosarcomas induced by pristane and Abelson viruses. Shen–Ong GL, et al. **Curr Top Microbiol Immunol** 1984;113:41–6

DNA–fork displacement rates in cultured mammalian cells with mutations in ribonucleotide reductase. Gjerset RA, et al. **Mutat Res** 1985 Apr;142(4):199–202

IMMUNOLOGY

Lymphocytic lymphoma/B–chronic lymphocytic leukaemia--an immunohistopathological study of peripheral B lymphocyte neoplasia. Swerdlow SH, et al. **Br J Cancer** 1984 Nov;50(5):587–99

Characterization of benign cutaneous lymphocytic infiltrates by monoclonal antibodies. Ralfkiaer E, et al. **Br J Dermatol** 1984 Dec;111(6):635–45

Biclonal IgA and IgM gammopathy in lymphocytic lymphoma. Weinstein S, et al. **Clin Chem** 1984 Oct; 30(10):1710–2

Immunological detection of covert leukaemic spread in mediastinal T–cell lymphoblastic lymphoma. Bradstock KF, et al. **Leuk Res** 1985;9(7):905–11

Immunophenotypic classification of lymphoblastic leukaemia and lymphocytic lymphoma--an experience in the south–western area of the Cape Province of South Africa. Jacobs P. **Leuk Res** 1985;9(6):755–63

T lymphoblastic lymphoma with LEU–7 positive phenotype and unusual clinical course: a multiparameter study. Swerdlow SH, et al. **Leuk Res** 1985;9(1):167–73

Graft–versus–host disease in lymphoblastic lymphoma following blood transfusions. Saab GA, et al. **Middle East J Anaesthesiol** 1983 Oct;7(3):221–5

LDH–viral activity transferred with cell surface antigens of Gardner lymphosarcoma cells. Short communication. Motyčka K, et al. **Z Versuchstierkd** 1984;26(5):209–10

[The effect of Alexan on the number of plaque–forming cells collected from the spleen of C3H mice with Gardner's lymphosarcoma or infected with LDH viruses] Motyčka K, et al. **Sb Lek** 1984 Sep;86(8–9):251–8 (Eng. Abstr.) **(Cze)**

[The presence of CALLA (common acute lymphoblastic leukemia antigens) and B–cell differentiation antigens in lymphocytic lymphoma] Jarczok K, et al. **Pol Tyg Lek** 1984 Sep 3;39(36):1197–9 (Eng. Abstr.) **(Pol)**

[ICO–1 monoclonal antibodies against the constant region of Ia–like (Dr) antigens] Baryshnikov AIu, et al. **Eksp Onkol** 1984;6(4):44–6 (Eng. Abstr.) **(Rus)**

METABOLISM

Histone H1 in nuclei of butyrate–treated murine lymphosarcoma cells has increased affinity for heparin. Stros M, et al. **Gen Physiol Biophys** 1985 Aug;4(4):375–81

Binding of the glucocorticoid receptor complex to the nucleosomal core in the P1798 mouse lymphosarcoma. Ip MM, et al. **Mol Cell Endocrinol** 1985 Jun;41(1):45–59

[Intensification of tumor acidification in artificial hyperglycemia using inorganic phosphate] Osinski SP, et al. **Arch Geschwulstforsch** 1984;54(6):463–9 (Eng. Abstr.) **(Ger)**

[B–activin and immunocorrection] Petrov RV, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):41–4 (Eng. Abstr.) **(Rus)**

[Accumulation of metronidazole in tumors during whole–body hyperthermia induced by Sulfazin] Seitkazina GD, et al. **Med Radiol (Mosk)** 1985 May;30(5):73–5 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Activation of the c–myb locus by viral insertional mutagenesis in plasmacytoid lymphosarcomas. Shen–Ong GL, et al. **Science** 1984 Nov 30;226(4678):1077–80

OCCURRENCE

Primary gastrointestinal lymphoma in Thailand. Hargrove NS, et al. **J Med Assoc Thai** 1985 May;68(5):260–5

[Oncological characteristics of AKR/JY mice] Khar'kovskaia NA, et al. **Eksp Onkol** 1984;6(4):62–6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Our experience with diagnosing leukemic immunocytoma. Mačák J. **Acta Univ Palacki Olomuc Fac Med** 1985; 108:197–205

Small lymphocytic lymphoma. Morphologic and immunologic progression. Sheibani K, et al. **Am J Clin Pathol** 1985 Aug;84(2):237–43

Pseudonodular T cell lymphoblastic lymphoma. Schwartz JE, et al. **Am J Med** 1984 Nov;77(5):947–9

Characterisation of a cell line from a human lung lymphosarcoma. Abundance of vimentin–type intermediate filaments. Stark M, et al. **Anticancer Res** 1985 Mar–Apr; 5(2):235–9

Mycosis fungoides and lymphoplasmacytoid immunocytoma in the same patient. A case report. Geerts ML, et al. **Cancer** 1984 Nov 15;54(10):2294–9

Macrophage–histiocytes in malignant lymphoma, small lymphocytic type (well–differentiated lymphocytic lymphoma). Ree HJ, et al. **Cancer** 1985 Sep 1;56(5):1117–23

Well–differentiated lymphocytic lymphoma. A study of 47 patients with primary manifestation in the lung. Turner RR, et al. **Cancer** 1984 Nov 15;54(10):2088–96

Diffuse lymphomatous polyposis of the gastrointestinal tract. A case report with immunohistochemical studies. Fernandes BJ, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1267–70

Generation of invasive and metastatic variants of a non–metastatic T–cell lymphoma by in vivo fusion with normal host cells. De Baetselier P, et al. **Int J Cancer** 1984

Nov 15;34(5):731-8

Metastatic squamous cell carcinoma of the skin occurring in a lymphomatous lymph node. Mora RG. **J Am Acad Dermatol** 1985 Mar;12(3):571-5

'Coexistent chronic myeloid leukemia and lymphosarcoma in the maxilla: report of a case'. Epivatianos AA, et al. **J Oral Med** 1984 Oct-Dec;39(4):207-9

Familial visual loss and a vanishing brain tumour [clinical conference] Pamphlett R, et al. **Med J Aust** 1985 Jul 22; 143(2):72-6

Renal failure in a Zambian child due to bilateral renal lymphoma. Patil PS. **Med J Zambia** 1984 Jan;18(1):19-20

The lymphoblastic lymphoma: a clinical and morphological entity, two new cases. Galatâr N, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):119-22

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 14-1985. A 55-year-old man with diarrhea, dilatation of the small bowel, and hepatosplenomegaly. **N Engl J Med** 1985 Apr 4; 312(14):905-14

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 12-1985. A 49-year-old man with a neurologic disorder and abnormal cells in the cerebrospinal fluid. **N Engl J Med** 1985 Mar 21; 312(12):774-83

Phenotypic characterization and clinical evaluation of 15 patients with lymphoblastic lymphoma. Kita K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):89-98

Primary gastrointestinal lymphoma. A clinicopathologic study of 102 patients. Aozasa K, et al. **Oncology** 1985; 42(2):97-103

Seeding of malignant lymphoma along the tract after bone marrow biopsy. Ginaldi S, et al. **South Med J** 1985 Aug; 78(8):1007-8

Immunoblastic lymphoma: a clinicopathologic study with emphasis on the cases intervening during or following other disorders. Brusamolino E, et al. **Tumori** 1985 Jun 30; 71(3):283-92

Bladder irritative symptoms in an elderly woman [clinical conference] Niemeyer J, et al. **Urol Radiol** 1985;7(1):58-60

[Rare malignant lymphoma--an analysis of 40 cases] Wu BL. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):211-3 (Eng. Abstr.) **(Chi)**

[Right ventricular inflow tract obstruction in primary non-Hodgkin lymphoma of the heart] Wiegand V, et al. **Z Kardiol** 1985 Mar;74(3):194-6 (Eng. Abstr.) **(Ger)**

[Malignant lymphoma with primary bladder localization] Bianchi G, et al. **Z Urol Nephrol** 1985 Apr;78(4):189-91 (Eng. Abstr.) **(Ger)**

[Effect of anesthesia on a neoplastic process in an experiment] Frid IA, et al. **Eksp Onkol** 1984;6(3):57-60 (Eng. Abstr.) **(Rus)**

[Growth activity and radiosensitivity of Pliss lymphosarcoma cells fractionated by sedimentation] Slivinskii GG, et al. **Eksp Onkol** 1984;6(2):42-5 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Adhesion of tumor cells to hepatocytes: different mechanisms for mammary carcinoma compared with lymphosarcoma cells. Roos E, et al. **JNCI** 1984 Oct;73(4):963-9

RADIOGRAPHY

Transient spontaneous regression of an anterior mediastinal mass. Weaver GR, et al. **Chest** 1985 Apr;87(4):547-8

Gastrointestinal lymphoma with total involvement of the gut--report of one case. Aspestrand F, et al. **Radiologe** 1984 Nov;24(11):524-6

RADIONUCLIDE IMAGING

Dynamic studies of lymphocytes labelled with indium-111 during and after treatment with monoclonal anti-idiotype antibody in advanced B cell lymphoma. Rankin EM, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1097-100

RADIOTHERAPY

The role of radiation therapy in the management of the non-Hodgkin's lymphomas. Hoppe RT. **Cancer** 1985 May 1;55(9 Suppl):2176-83 (30 ref.)

Effect of second tumors and of prostaglandin-leukotriene inhibitors on radiation therapy of transplanted rodent tumors. Ambrus JL, et al. **J Med** 1984;15(2):93-103

Gynecomastia following supradiaphragmatic radiation for lymphoma [letter] Weiner RS, et al. **NY State J Med** 1984 Sep;84(9):444

Response of lymphosarcoma LS/BL cells to continuous irradiation. Jurášková V, et al. **Radiat Res** 1984 Dec; 100(3):553-63

[Results of radiotherapy with cobalt-60 in tonsillar neoplasms] Kutzner J, et al. **Strahlentherapie** 1985 Mar; 161(3):127-30 (Eng. Abstr.) **(Ger)**

[Potentiation of the radiosensitizing effect of metronidazole using whole-body drug-induced hyperthermia] Vasil'eva GS, et al. **Med Radiol (Mosk)** 1985 May;30(5):43-5 (Eng. Abstr.) **(Rus)**

[Clinical picture and treatment of recurrent lymphosarcomas after radiotherapy] Kruglova GV, et al. **Ter Arkh** 1985; 57(5):110-4 (Eng. Abstr.) **(Rus)**

[Risks of irradiation in patients during radiologic diagnostic procedures] Dangubić V, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):223-5 **(Ser)**

SECONDARY

Metastatic tumors of the heart detected by two-dimensional echocardiography. Kutalek SP, et al. **Am Heart J** 1985 Feb;109(2):343-9

The binding of ConA and other lectins to surface glycoproteins: a comparison of a subcutaneous tumour and its liver metastases. Chan WS, et al. **Invasion Metastasis** 1985;5(4):233-44

Antigenic heterogeneity of metastasizing and nonmetastasizing forms of hamster lymphosarcoma: comparison of primary tumor and spontaneous liver metastases. Shah SA, et al. **Invasion Metastasis** 1985; 5(5):245-54

SURGERY

Primary malignant lymphoma of the appendix. Mori M, et al. **Jpn J Surg** 1985 May;15(3):230-3

[Primary malignant lymphoma of the gallbladder--a case report] Zhang MZ. **Chung Hua Chung Liu Tsa Chih** 1985 Jan;7(1):70-1 (Eng. Abstr.) **(Chi)**

[Malignant lymphoma of the digestive tract (10-year data of the Surgical Department of the City Hospital in Swidnica)] Wójcik A, et al. **Pol Tyg Lek** 1985 Apr 8-15; 40(14-15):413-5 (Eng. Abstr.) **(Pol)**

THERAPY

Effect of vaccine prepared from Corynebacterium parvum on the growth of Gardner lymphosarcoma in C3H strain mice. Motyčka K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):405-12

Treatment of C3H mice bearing solid Gardner lymphosarcoma with vaccine prepared from Corynebacterium parvum combined with methotrexate and Alexan. Motyčka K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):413-9

Levamisole as adjuvant to chemotherapy for canine lymphosarcoma. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):427-33

Progress in the management of high risk non-Hodgkin's lymphomas. 10 years of experience of the 3rd Medical Department of Hanusch Hospital, Vienna. Heinz R, et al. **Klin Wochenschr** 1985 Jul 15;63(14):619-26

An alternating chemotherapy and radiotherapy combination for non-Hodgkin's lymphomas of unfavourable histologies: feasibility and preliminary results. Cosset JM, et al. **Radiother Oncol** 1985 Feb;3(2):133-8

[Successful bone marrow transplantation in a patient with non-Hodgkin lymphoma of high-grade malignancy with invasion of the central nervous system] Hagenbeek A, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):698-700 (Eng. Abstr.) **(Dut)**

[Therapeutic indications in digestive localizations of non-Hodgkin's lymphoma in adults] Boiron M, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):331-7 (Eng. Abstr.) **(Fre)**

[A case of prolonged course of gastric lymphosarcoma] Gerlants AI, et al. **Vrach Delo** 1985 Feb;(2):34-6 **(Rus)**

ULTRASTRUCTURE

Immunoblastic lymphoma involving the bone marrow in a patient with alpha chain disease. Clinical and immunoelectron microscopic study. Reyes F, et al. **Cancer** 1985 Mar 1;55(5):1007-14

Nuclear morphologic and morphometric analyses of large noncleaved cell and immunoblastic non-Hodgkin's lymphomas. Dardick I, et al. **Hum Pathol** 1984 Oct; 15(10):965-72

[Special electron microscopic aspects of a case of diffuse lymphocytic lymphosarcoma] Mirancea N, et al. **Rev Med Interna [Med Interna]** 1985 Jan-Feb;37(1):93-6 **(Rum)**

VETERINARY

Leukaemic neoplasia in free-living mammals in Denmark. Elvestad K, et al. **Acta Vet Scand** 1985;26(1):61-71

Dexamethasone-induced recrudescence of malignant catarrhal fever and associated lymphosarcoma and granulomatous disease in a Formosan sika deer (Cervus nippon taiouanus). Heuschele WP, et al. **Am J Vet Res** 1985 Jul;46(7):1578-83

Development of lymphosarcoma in sheep after inoculation with bovine leucosis virus. Rogers RJ, et al. **Aust Vet J** 1984 Jun;61(6):196-8

Antitumor activity of protein A administered intravenously to pet cats with leukemia or lymphosarcoma. Harper HD, et al. **Cancer** 1985 May 1;55(9):1863-7

Topographical analysis of tumor-associated antigens on bovine leukemia virus-induced bovine lymphosarcoma. Aida Y, et al. **Cancer Res** 1985 Mar;45(3):1181-6

Tumor-associated antigens on bovine leukemia virus-induced bovine lymphosarcoma identified by monoclonal antibodies. Aida Y, et al. **Cancer Res** 1985 Mar; 45(3):1174-80

Lymphosarcoma in a horse. Humphrey M, et al. **Equine Vet J** 1984 Nov;16(6):547-8

Lymphosarcoma within the nasal cavities of an 18-month-old filly. Meschter CL, et al. **Equine Vet J** 1984 Sep;16(5):475-6

Alimentary lymphosarcoma in a horse with cutaneous manifestations. Wilson RG, et al. **Equine Vet J** 1985 Mar; 17(2):148-50

Deficiency of the contact phase of intrinsic coagulation in a horse. Ainsworth DM, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):71-2

Lymphosarcoma with perforation of the ileum in a grizzly bear. Blancquaert AM, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1433-5

Levamisole as adjuvant to chemotherapy for canine lymphosarcoma. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):427-33

Two cases of lymphosarcoma in channel catfish exposed to N-methyl-N'-nitro-N-nitrosoguanidine. Chen HH, et al. **JNCI** 1985 Apr;74(4):933-9

Diagnostic exercise: lymphoproliferative disorder in a ferret. Smith SH, et al. **Lab Anim Sci** 1985 Jun;35(3):291-3

Cryotherapy of cutaneous lymphosarcoma in a German shepherd. Giannone JA. **Mod Vet Pract** 1984 Sep; 65(9):725-6

T and B lymphocytes in canine lymphosarcoma. Koyama H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):157-60

The management of feline lymphosarcoma. Loar AS. **Vet Clin North Am [Small Anim Pract]** 1984 Nov; 14(6):1299-330 (72 ref.)

Use of radiation and/or hyperthermia for treatment of mast cell tumors and lymphosarcoma in dogs. Thrall DE, et al. **Vet Clin North Am [Small Anim Pract]** 1985 Jul; 15(4):835-43 (26 ref.)

Malignant lymphoma in a colony of Macaca arctoides. Holmberg CA, et al. **Vet Pathol** 1985 Jan;22(1):42-5

Immune complex glomerulonephritis in a cat with renal lymphosarcoma. Jeraj KP, et al. **Vet Pathol** 1985 May; 22(3):287-90

Thymic lymphosarcoma with bony metaplasia in a cat. Thilsted JP, et al. **Vet Pathol** 1985 Jul;22(4):424-5

Feline leukaemia virus-free lymphosarcoma in a specific pathogen free cat. Jarrett O, et al. **Vet Rec** 1984 Sep 8; 115(10):249-50

[Leukemogenesis and bone marrow hematopoietic disorders in baboons with immunoblastic malignant lymphomas of B- and T-cell types] Iakovleva LA, et al. **Vopr Onkol** 1985; 31(1):79-87 (Eng. Abstr.) **(Rus)**

[Clinico-morphological analysis of chemotherapy effectiveness in spontaneous hemoblastoses in dogs] Iliukhin AV, et al. **Vopr Onkol** 1985;31(3):88-91 (Eng. Abstr.) **(Rus)**

LYMPHOTOXINS

Primary structure of human lymphotoxin derived from 1788 lymphoblastoid cell line. Aggarwal BB, et al. **J Biol Chem** 1985 Feb 25;260(4):2334-44

BIOSYNTHESIS

Cellular origin of human lymphotoxin and its purification. Pichyangkul S, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):22-34

Translation of mRNA for human lymphotoxin in microinjected Xenopus oocytes. Wallach D, et al. **FEBS Lett** 1984 Dec 10;178(2):257-63

Induction and characterization of lymphotoxins from tumor promoter-synergized, lectin-stimulated human lymphocytes in vitro. Klostergaard J, et al. **J Biol Response Mod** 1985 Apr;4(2):195-209

In vitro expression of factor mediated cytotoxic activity generated during the immune response to Chlamydia in the mouse. Byrne GI, et al. **J Immunol** 1985 Jun; 134(6):4189-93

Activation of Lyt-1+ and Lyt-2+ T cell cloned lines: stimulation of proliferation, lymphokine production, and self-destruction. Conta BS, et al. **J Immunol** 1985 Apr; 134(4):2185-90

Interferon-gamma enhances induction of lymphotoxin in recombinant interleukin 2-stimulated peripheral blood mononuclear cells. Svedersky LP, et al. **J Immunol** 1985 Mar;134(3):1604-8

BLOOD

IgM cold-reactive lymphocytotoxin from sera in patients with sarcoidosis. Ikeda S, et al. **J Clin Lab Immunol** 1984 Oct;15(2):69-75

GENETICS

Cloning and expression of cDNA for human lymphotoxin, a lymphokine with tumour necrosis activity. Gray PW, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):721-4

Cancer toxin genes cloned [news] Sikora K. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):699-700

IMMUNOLOGY

Cold reactive lymphocytotoxic activity in autoimmune thyroid disease. Ryan M, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):492-8

A comparison of lysis mediated by Lyt 2+ TNP-specific cytotoxic-T-lymphocyte (CTL) lines with that mediated by rapidly internalized lymphotoxin-containing supernatant fluids: evidence for a role of soluble mediators in CTL-mediated killing. Schmid DS, et al. **Cell Immunol** 1985 Jun;93(1):68-82

Cold insoluble globulin: relationship with lymphocytotoxins in autoimmune diseases. Ferraccioli GF, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):329-32

Human monocyte cytotoxin is not identical with lymphoblastoid lymphotoxin. Matthews N. **Eur J Immunol** 1985 Mar;15(3):311-3

[HLA cytotoxins--the cause of positive indirect antiglobulin and LISS tests in pretransfusion examinations] Májský A. et al. **Cas Lek Cesk** 1985 Mar 22;124(12):364-7 (Eng. Abstr.) **(Cze)**

ISOLATION & PURIFICATION

Isolation and identification of an alpha 2 subclass lymphotoxin (LT) subunit from the high-molecular-weight (complex) human LT class. Devlin JJ, et al. **Cell Immunol** 1984 Oct 15;88(2):297-308

Characterization of human tumor necrosis factor produced by peripheral blood monocytes and its separation from lymphotoxin. Kelker HC, et al. **Int J Cancer** 1985 Jul 15; 36(1):69-73

PHARMACODYNAMICS

The differential inhibitory effect of lymphotoxin and immune interferon on normal and malignant lymphoid cells. Powell MB, et al. **Lymphokine Res** 1985 Winter;4(1):13-26

SECRETION

Lymphotoxins: a multicomponent system of cell-lytic lymphocyte-released effector molecules. Granger GA, et al. **Lymphokine Res** 1982;1(2):45-9

TOXICITY

Increase of vulnerability to lymphotoxin in cells infected by vesicular stomatitis virus and its further augmentation by interferon. Aderka D, et al. **Cell Immunol** 1985 May; 92(2):218-25

LYNESTRENOL

DIAGNOSTIC USE

Androgenic, anabolic, estrogenic and antiestrogenic effects of desogestrel and lynestrenol: effects on serum proteins and vaginal cytology. Cullberg G. **Contraception** 1984 Jul; 30(1):73-9

METABOLISM

Metabolism of lynestrenol: characterization of 3-hydroxylation using rabbit liver microsomes in vitro. Yasuda J, et al. **J Steroid Biochem** 1984 Dec;21(6):777-80

PHARMACODYNAMICS

Effects of desogestrel, levonorgestrel and lynestrenol on serum sex hormone binding globulin, cortisol binding globulin, ceruloplasmin and HDL-cholesterol. Ruokonen A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul; 20(1):13-8

Effect of low-dose oral contraceptives on lipoproteins and lipolytic enzymes: differences between two commonly used preparations. Leuven JA, et al. **Metabolism** 1984 Nov; 33(11):1039-42

THERAPEUTIC USE

Critical analysis of height reduction in oestrogen-treated tall girls. Sorgo W, et al. **Eur J Pediatr** 1984 Sep;142(4):260-5

[Comparison of a 2-phase preparation (Oviol 22) with a low-dose 1-phase preparation (Ovoresta M)] Dik M, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):808-12 (Eng. Abstr.) **(Ger)**

TOXICITY

Effects of oral lynestrenol administration on prenatal and postnatal progeny development in rabbits. Hem AL, et al. **NIPH Ann** 1984 Dec;7(2):41-5

LYNGBYA TOXINS

Studies on olivoretins indicate a requirement for a free hydroxyl group for teleocidin B activity. Horiuchi T, et al. **Gann** 1984 Oct;75(10):837-40

ANALYSIS

Isolation and structure elucidation of teleocidin B-1, B-2, B-3, and B-4. Hitotsuyanagi Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4233-6

Elucidation of the structures of olivoretin B and C. Hitotsuyanagi Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep; 32(9):3774-8

ANTAGONISTS & INHIBITORS

Inhibition of teleocidin-caused epidermal ornithine decarboxylase induction by phospholipase A2-, cyclooxygenase- and lipoxygenase-inhibitors. Nakadate T, et al. **Jpn J Pharmacol** 1985 Mar;37(3):253-8

ISOLATION & PURIFICATION

A blue-green alga from Okinawa contains aplysiatoxins, the third class of tumor promoters. Fujiki H, et al. **Gann** 1985 Apr;76(4):257-9

PHARMACODYNAMICS

Teleocidin and phorbol ester tumor promoters exert similar mitogenic effects on human lymphocytes. Isakov N, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):724-31

Effects of synthetic analogues of teleocidin, indolactam-V, on the differentiation of murine pre-adipose cells. Sato M, et al. **Cancer Lett** 1985 Jan;25(3):261-9

A comparison of the effects of tumor promoters 12-O-tetradecanoylphorbol-13-acetate and teleocidin on gene expression in human skin cell fibroblasts. Bazill G, et al. **Gann** 1984 Aug;75(8):672-80

Effect of teleocidin on immune responses in vitro. Yamashita U. **Gann** 1985 Jun;76(6):532-40

Enhancement of primate retrovirus synthesis by tumour promoters. Wunderlich V, et al. **IARC Sci Publ** 1984; (56):299-304

Tumor promoters stimulate hyperplasia of microtubule organizing center and inhibit DNA synthesis in cultured cells. Mascardo RN, et al. **J Clin Invest** 1984 Oct; 74(4):1186-92

The tumor promoter teleocidin induces IL 2 receptor expression and IL 2-independent proliferation of human peripheral blood T cells. Isakov N, et al. **J Immunol** 1985 Oct;135(4):2343-50

TOXICITY

Activation of protein kinase C by tumor promoting phorbol esters, teleocidin and aplysiatoxin in the absence of added calcium. Arcoleo JP, et al. **Carcinogenesis** 1985 Feb; 6(2):213-7

Antitumor-promoting activity of glycyrrhetic acid in mouse skin tumor formation induced by 7,12-dimethylbenz[a]anthracene plus teleocidin. Nishino H, et al. **Carcinogenesis** 1984 Nov;5(11):1529-30

Nakahara memorial lecture. New classes of tumor promoters: teleocidin, aplysiatoxin, and palytoxin. Fujiki H, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:37-45

Structure-activity studies of aplysiatoxin-type tumor promoters. Moore RE. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:49-57

Distinct responses of 3T3-L1 cells to dihydroteleocidin B and the phorbol ester tumor promoters: relation to adipocyte differentiation, DNA synthesis and cell division. Shimizu N, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983; 14:115-22

LYOPHILIZATION see **FREEZE DRYING**

LYPRESSIN

ADVERSE EFFECTS

Severe hypertension during anaesthesia for dacryocystorhinostomy. el-Din AS, et al. **Anaesthesia** 1985 Aug;40(8):787-9

ANALOGS & DERIVATIVES

Synthesis and biological activities of a fluorescent photoaffinity analog of vasopressin. Buku A, et al. **Endocrinology** 1985 Jul;117(1):196-200

Regional blood flow changes in response to mildly pressor doses of triglycyl desamino lysine and arginine vasopressin in the conscious dog. Moursi MM, et al. **J Pharmacol Exp Ther** 1985 Feb;232(2):360-8

Triglycyl-lysine-vasopressin or lysine-vasopressin in early excision of burns. An experimental study comparing the effects on blood loss, hemodynamics and renal function. Vernersson E, et al. **Scand J Plast Reconstr Surg** 1984; 18(3):285-90

Reduction of blood loss by triglycyl-lysine-vasopressin during early excision of burns in pigs. Vernersson E, et al. **Scand J Plast Reconstr Surg** 1984;18(3):291-6

A conformationally constrained vasopressin analog with antidiuretic antagonistic activity. Skala G, et al. **Science** 1984 Oct 26;226(4673):443-5

[Treatment of hemorrhaging esophageal varices with triglycyl lysine vasopressin. Case reports] Caletti GC, et al. **Recenti Prog Med** 1984 Jun;75(6):566-73 (Eng. Abstr.) **(Ita)**

ANALYSIS

Neurohypophyseal hormones as evolutionary tracers: identification of oxytocin, lysine vasopressin, and arginine vasopressin in two South American opossums (Didelphis marsupialis and Philander opossum). Chauvet J, et al. **Gen Comp Endocrinol** 1985 Feb;57(2):320-8

METABOLISM

Dynamics and conformational energetics of a peptide hormone: vasopressin. Hagler AT, et al. **Science** 1985 Mar 15;227(4692):1309-15

PHARMACODYNAMICS

The effects of neurohypophyseal hormones on tolerance to the hypothermic effect of ethanol. Szabó G, et al. **Alcohol** 1985 Jul-Aug;2(4):567-74

Hemodynamic effects of lysine-vasopressin in orthostatic hypotension. Kochar MS. **Am J Kidney Dis** 1985 Jul; 6(1):49-52

Vasopressin induced rhythmic activity in rat basilar artery. Rusch NJ, et al. **Ann Biomed Eng** 1985;13(3-4):295-302

Hepatic thiol and glutathione efflux under the influence of vasopressin, phenylephrine and adrenaline. Sies H, et al. **Biochem J** 1985 Mar 1;226(2):545-9

Effects of oxytocin and vasopressin on thoracic sympathetic preganglionic neurones in the cat. Backman SB, et al. **Brain Res Bull** 1984 Nov;13(5):679-84

Effects of lysine-vasopressin (LVP) and 1-deamino-8-D-arginine-vasopressin (dDAVP) upon electrical potential, short-circuit current and transepithelial D.C. resistance of the frog skin. Bakoš P, et al. **Gen Physiol Biophys** 1984 Aug;3(4):297-305

Cholinergic-muscarinic receptors participate in growth hormone secretion induced by lysine-8-vasopressin in man. Coiro V, et al. **Horm Metab Res** 1985 Jun;17(6):316-7

Baroreflexive suppression of heat production and fall in body temperature following peripheral administration of vasopressin in rats. Shido O, et al. **Jpn J Physiol** 1984; 34(3):397-406

Desensitization of LLC-PK1 cells by vasopressin results in receptor down-regulation. Lester BR, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):193-204

Effect of vertebral, carotid and intravenous infusions of lysine vasopressin on plasma vasopressin and cardiovascular function. Brooks DP, et al. **Neuroendocrinology** 1984 Oct; 39(4):350-5

Vasopressin does not enhance memory processes: a study in human twins. Fehm-Wolfsdorf G, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):297-300

Facilitatory effects of monoamine synthesis inhibitors on lysine-vasopressin induced changes in the exploratory behaviour pattern of male rats. Höglund AU, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):859-63

Human memory and neurohypophyseal hormones: opposite effects of vasopressin and oxytocin. Fehm-Wolfsdorf G, et al. **Psychoneuroendocrinology** 1984;9(3):285-92

Influence on memory of posttraining or pre-test injections of ACTH, vasopressin, epinephrine, and beta-endorphin, and their interaction with naloxone. Izquierdo I, et al. **Psychoneuroendocrinology** 1985;10(2):165-72

Triglycyl-lysine-vasopressin or lysine-vasopressin in early excision of burns. An experimental study comparing the effects on blood loss, hemodynamics and renal function. Vernersson E, et al. **Scand J Plast Reconstr Surg** 1984; 18(3):285-90

SECRETION

The vasopressin response to microinjections of norepinephrine into the brain of the conscious pig. Forsling ML, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):330-4

THERAPEUTIC USE

[Vasopressin and its new therapeutic possibilities] Pluta RM. **Neurol Neurochir Pol** 1984 May-Jun;18(3):269-73 (30 ref.) **(Pol)**

[Effect of vasopressin on long-term memory (psychophysiological and clinical aspects)] Morozov GV, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):990-6 (Eng. Abstr.) **(Rus)**

LYSERGIC ACID see under **ERGOLINES**

LYSERGIC ACID DIETHYLAMIDE

Acid rock: a critical reappraisal and psychological commentary. Baumeister RF. **J Psychoactive Drugs** 1984 Oct-Dec;16(4):339-45

ADVERSE EFFECTS

Aquarius redux--lysergic acid diethylamide. Mack RB. **NC Med J** 1985 Jun;46(6):343-4

[The subject of LSD (letter)] Hansen G. **Ugeskr Laeger** 1985 Apr 29;147(18):1492-3 **(Dan)**

ANALOGS & DERIVATIVES

N1-methyl-2-[125I]LSD ([125I]MIL), a preferred ligand for serotonin 5-HT2 receptors. Hoffman BJ, et al. **Eur J Pharmacol** 1985 Mar 26;110(1):147-8

Role of the delta 8 double bond of agroclavine in lysergic acid amide biosynthesis by Claviceps purpurea. Willingale J, et al. **Experientia** 1985 Aug 15;41(8):1051-2

Synthesis and LSD-like discriminative stimulus properties in a series of N(6)-alkyl norlysergic acid N,N-diethylamide derivatives. Hoffman AJ, et al. **J Med Chem** 1985 Sep; 28(9):1252-5

ANTAGONISTS & INHIBITORS

Behavioral and 5-HT antagonist effects of ritanserin: a pure and selective antagonist of LSD discrimination in rat. Colpaert FC, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):45-54

CHEMICAL SYNTHESIS

Microchemical synthesis of the serotonin receptor ligand, 125I-LSD. Hartig PR, et al. **Anal Biochem** 1985 Feb 1; 144(2):441-6

[Synthesis of (+)-lysergic acid diethylamide tartrate] Zhang

CZ, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):70-2 (Eng. Abstr.) **(Chi)**

METABOLISM

Increased platelet membrane [3H]-LSD binding in patients on chronic neuroleptic treatment. Schächter M, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):453-7

In vivo binding of 125I-LSD to serotonin 5-HT2 receptors in mouse brain. Hartig PR, et al. **Life Sci** 1985 Aug 19; 37(7):657-64

Localization and characterization by quantitative autoradiography of [125I]LSD binding sites in rat brain. Nakada MT, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):13-8

PHARMACODYNAMICS

Influence of long-term zimelidine treatment on LSD-induced behavioural effects. Smith LA, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):194-8

Daily LSD administration selectively decreases serotonin2 receptor binding in rat brain. Buckholtz NS, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):421-5

Cross generalization with LSD and yohimbine in the rat. Colpaert FC. **Eur J Pharmacol** 1984 Jul 20;102(3-4):541-4

Differentiation between the stimulus effects of l-5-hydroxytryptophan and LSD. Cunningham KA, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):179-86

Separation of tolerance to the behavioral effects of LSD from changes in serotonin receptor binding in cats. Trulson ME. **Eur J Pharmacol** 1985 May 20;111(3):385-8

Involvement of 5-HT2 receptors in the LSD- and L-5-HTP-induced suppression of lordotic behavior in the female rat. Sietnieks A. **J Neural Transm** 1985; 61(1-2):65-80

Influence on 5-[3H]hydroxytryptamine binding site development in chick embryo by serotonergic compounds. Soblosky JS, et al. **J Neurochem** 1985 Feb;44(2):544-51

Discriminative stimulus properties of lysergic acid diethylamide in the monkey. Nielsen EB. **J Pharmacol Exp Ther** 1985 Jul;234(1):244-9

Influence of naloxone on the effects of LSD in monkeys. Hadorn DC, et al. **Neuropharmacology** 1984 Nov; 23(11):1297-300

Naloxone alters the effects of LSD, DOM and quipazine on operant behavior of rats. Mokler DJ, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):333-7

Effects of morphine and LSD on the classically conditioned nictitating membrane response. Schindler CW, et al. **Pharmacol Biochem Behav** 1985 Jan;22(1):41-6

POISONING

LSD intoxication [letter] Wason S. **Ann Emerg Med** 1985 May;14(5):487

LYSERGIDE see **LYSERGIC ACID DIETHYLAMIDE**

LYSINE

Periodate-lysine-paraformaldehyde as fixative for the study of duodenal mucosa. Morphologic and immunohistochemical results at light and electron microscopic levels. Rantala I, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1985 Jul; 93(4):165-73

Effect of protein treatment on the enzymatic hydrolysis of lysinoalanine and other amino acids. Savoie L. **Adv Exp Med Biol** 1984;177:413-22

The role of lysyl residues of phospholipases A2 in the formation of the catalytic complex. Maraganore JM, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):129-38

Tropomyosin lysine reactivities and relationship to coiled-coil structure. Hitchcock-DeGregori SE, et al. **Biochemistry** 1985 Jun 18;24(13):3305-14

Trinitrobenzenesulfonate modification of the lysine residues in lactose repressor protein. Whitson PA, et al. **Biochemistry** 1984 Dec 4;23(25):6046-52

Endosprin, an antipyretic, antiinflammatory and analgesic preparation of lysine salicylate: reassessment of its chemical composition and effects in experimental animals in comparison with aspirin. Rothschild AM. **Braz J Med Biol Res** 1984;17(2):185-8

Identification of an essential beta chain lysine residue from bovine heart mitochondrial ATPase specifically modified with nitrobenzofurazan. Sutton R, et al. **FEBS Lett** 1985 Jan 7;179(2):283-8

Identification of the lysine residue to which the 4-nitrobenzofurazan group migrates after the bovine mitochondrial F1-ATPase is inactivated with 7-chloro-4-nitro[14C]benzofurazan. Andrews WW, et al. **J Biol Chem** 1984 Dec 10;259(23):14378-82

Preliminary crystallographic data for cross-linked (lysine7-lysine41)-ribonuclease A. Weber PC, et al. **J Mol Biol** 1985 Feb 5;181(3):453

Monoclonal antibodies to hepatitis B surface antigen (HBsAg) with anti-alpha specificity recognize a synthetic peptide analogue (S135-155) with unmodified lysine (141). Neurath AR, et al. **J Virol Methods** 1984 Dec;9(4):341-6

Nonenzymatic glucosylation of lysine residues in albumin. Baynes JW, et al. **Methods Enzymol** 1984;106:88-98

F-actin is intermolecularly crosslinked by N,N'-p-phenylenedimaleimide through lysine-191 and cysteine-374. Elzinga M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6599-602

Structure-activity studies with somatostatin: role of lysine in positions 4 and 9 for gastric activity. Hirst BH, et al. **Regul Pept** 1984 Jul;8(4):267-71

[Interactions between acetylsalicylic acid and lysine in solution] Moll F, et al. **Arch Pharm (Weinheim)** 1985 Feb; 318(2):120-7 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Effect of lysine on survival of AKR leukemic mice. Servaas C. **Anticancer Res** 1984 Nov-Dec;4(6):361-2

The effect of pelleting feed supplemented with lysine on its utilization by young pigs. Raczyński G, et al. **Arch Tierernahr** 1985 Apr;35(4):233-41

Evaluation of a diet dilution technique for measuring the response of broiler chickens to increasing concentrations of lysine. Gous RM, et al. **Br Poult Sci** 1985 Apr; 26(2):147-61

Effect of lipid-coated lysine on digestion and nitrogen metabolism by wethers. Glenn BP, et al. **Int J Vitam Nutr Res** 1984;54(4):377-86

ANALOGS & DERIVATIVES

Parenteral aspirin for pain relief in day-case dental anaesthesia. A randomised double blind placebo controlled trial. Foster JM, et al. **Anaesthesia** 1985 Jun;40(6):576-8

Enzymatic measurement of saccharopine with saccharopine dehydrogenase. Simonson MS, et al. **Anal Biochem** 1985 May 15;147(1):230-3

Biotinidase deficiency associated with renal loss of biocytin and biotin. Baumgartner ER, et al. **Ann NY Acad Sci** 1985; 447:272-87

Localization of lysines acetylated in ubiquitin reacted with p-nitrophenyl acetate. Jabusch JR, et al. **Arch Biochem Biophys** 1985 Apr;238(1):170-7

Inhibition of growth of Mycoplasma dispar by DL-alpha-difluoromethyllsine, a selective irreversible inhibitor of lysine decarboxylase, and reversal by cadaverine (1,5-diaminopentane). Pösö H, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):205-10

Chemical synthesis and papain-catalysed hydrolysis of N-alpha-benzyloxycarbonyl-L-lysine p-nitroanilide. Mackenzie NE, et al. **Biochem J** 1985 Mar 1;226(2):601-6

Comparison of infusions of morphine and lysine acetyl salicylate for the relief of pain after surgery. Cashman JN, et al. **Br J Anaesth** 1985 Mar;57(3):255-8

Comparison of infusions of morphine and lysine acetyl salicylate for the relief of pain following thoracic surgery. Jones RM, et al. **Br J Anaesth** 1985 Mar;57(3):259-63

Successful treatment of biliary colic with intravenous ketoprofen or lysine acetylsalicylate. Magrini M, et al. **Curr Med Res Opin** 1985;9(7):454-60

Cellular proliferation and hypusine synthesis. Torrelio BM, et al. **Exp Cell Res** 1984 Oct;154(2):454-63

Detection of biocytin in urine of children with congenital biotinidase deficiency. Bonjour JP, et al. **Int J Vitam Nutr Res** 1984;54(2-3):223-31

Amino acid sequence of a ferredoxin from thermoacidophilic archaebacterium, Sulfolobus acidocaldarius. Presence of an N6-monomethyllysine and phyletic consideration of archaebacteria. Minami Y, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):745-53

The biosynthesis of hypusine (N epsilon-(4-amino-2-hydroxybutyl)lysine). Alignment of the butylamine segment and source of the secondary amino nitrogen. Park MH, et al. **J Biol Chem** 1984 Oct 10; 259(19):12123-7

Effects of salicylate, tolbutamide, and prostaglandin E2 on insulin responses to glucose in noninsulin-dependent diabetes mellitus. Giugliano D, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):160-6

Potentiation of the tolerogenicity of benzylpenicilloylated eicosa-L-lysine by conjugation with 4-(hydroxymethyl)benzyl 3 beta-cholestanyl succinate. Lüscher IF. **J Med Chem** 1984 Nov;27(11):1502-8

Gastro-intestinal motor disturbances induced by lysine-acetylsalicylate treatment in sheep. Honde C, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):189-95

Protein side-chain acetylations. Allfrey VG, et al. **Methods Enzymol** 1984;107:224-40

Hypusine formation: a unique posttranslational modification in translation initiation factor eIF-4D. Cooper HL, et al. **Methods Enzymol** 1984;106:344-51

Formation of N epsilon-(biotinyl)lysine in biotin enzymes. Goss NH, et al. **Methods Enzymol** 1984;107:261-78

Methylated lysines and 3-methylhistidine in myosin: tissue and developmental differences. Huszar G. **Methods Enzymol** 1984;106:287-95

[Inhalation provocation test with lysine acetylsalicylic acid (Aspisol)--a useful method for the diagnosis of analgesic asthma] Kirsten D, et al. **Z Erkr Atmungsorgane** 1984; 163(1):36-41 (Eng. Abstr.) **(Ger)**

[Lack of interaction between ibuprofen lysinate and oral anticoagulants] Marini U, et al. **Clin Ter** 1985 Jan 15; 112(1):25-9 (Eng. Abstr.) **(Ita)**

[Single-blind comparative study of lysine acetylsalicylate, indoprofen and sodium diclofenac in post-operative pain] Stobbia GF, et al. **Minerva Anestesiol** 1984 May;50(5):213-7 (Eng. Abstr.) **(Ita)**

[Acute coronary insufficiency in anaphylactic reactions caused by drugs] Petrović M. **Srp Arh Celok Lek** 1984 Oct; 112(10):1091-8 (Eng. Abstr.) **(Scc)**

[The effect of ticlopidine and lysine acetylsalicylate on fibrinolytic activity of the arterial wall in experimental atherosclerosis] Lasierra J, et al. **Arch Farmacol Toxicol** 1984 Dec;10(3):161-6 (Eng. Abstr.) **(Spa)**

ANALYSIS

Identification of an essential lysine residue in the beta subunit of the F1-ATPase from the thermophilic bacterium, PS3, using 7-chloro-4-nitro[14C]benzofurazan. Andrews WW, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1040-6

Evidence for essential lysines in heparin cofactor II. Church FC, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):745-51

Identification of lysine residues at the binding site of bacteriophage-Pf1 DNA-binding protein. Tsugita A, et al. **Biochem J** 1985 May 15;228(1):193-9

Glucose-6-phosphate dehydrogenase from Saccharomyces cerevisiae: characterization of a reactive lysine residue labeled with acetylsalicylic acid. Jeffery J, et al. **Biochemistry** 1985 Jan 29;24(3):666-71

Identification of lysine (384) in cytochrome P-450 LM2 as functionally linked residue. Makower A, et al. **Biomed Biochim Acta** 1984;43(12):1333-41

Quantitative cytophotometric determination of DNA, RNA and lysine bound protein in relationship to zygote formation and protein synthesis in myxamoebae and swarm cells of Didymium iridis. Yemma JJ, et al. **Cytobios** 1985; 43(171):115-29

Hb Albany-Suma (alpha 11 [A9] Lys----Asn), a hemoglobin variant with slightly elevated oxygen affinity in Japan. Iuchi I, et al. **Hemoglobin** 1984;8(4):343-51

Chemical modification of lysine and tryptophan residues from glutamate dehydrogenase using 2,4-pentanedione and 2,3-dioxo-5-indoline sulphonic acid. Patil VW. **Indian J Biochem Biophys** 1984 Aug;21(4):251-4

A new class of phospholipases A2 with lysine in place of aspartate 49. Functional consequences for calcium and substrate binding. Maraganore JM, et al. **J Biol Chem** 1984 Nov 25;259(22):13839-43

Accessibility of lysyl residues of Escherichia coli B/r porin (OmpF) to covalent labeling reagents of different sizes. An approach for a three-dimensional structure of a channel-forming protein. Schlaeppi JM, et al. **J Biol Chem** 1985 Aug 15;260(17):9775-83

Identification of the lysine and tyrosine peptides labeled by 5'-p-fluorosulfonylbenzoyladenosine in the NADH inhibitory site of glutamate dehydrogenase. Schmidt JA, et al. **J Biol Chem** 1984 Dec 10;259(23):14515-9

[Fluorescence characteristics of lysine and arginine residues in venom of Naja naja atra] Zhou SG, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Sep;5(3):164-5 (Eng. Abstr.) **(Chi)**

[Early prenatal diagnosis of neural tube defects: comparison of 3 methods] Cigui I, et al. **Pathologica** 1983;75 Suppl:196-9 **(Ita)**

[Structural characteristics of lysine-rich histone from the sperm of a mollusk Anodonta piscinalis] Rozov SM, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1497-508 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Stereochemistry of lysine formation by meso-diaminopimelate decarboxylase from wheat germ: use of 1H-13C NMR shift correlation to detect stereospecific deuterium labeling. Kelland JG, et al. **Biochemistry** 1985 Jun 18;24(13):3263-7

alpha-Aminoadipate pathway for the biosynthesis of lysine in lower eukaryotes. Bhattacharjee JK. **CRC Crit Rev Microbiol** 1985;12(2):131-51 (132 ref.)

Natural-abundance 13C nuclear magnetic resonance studies of regulation and overproduction of L-lysine by Brevibacterium flavum. Inbar L, et al. **Eur J Biochem** 1985 Jun 18;149(3):601-7

alpha-Aminoadipate as a primary nitrogen source for Saccharomyces cerevisiae mutants. Zaret KS, et al. **J Bacteriol** 1985 May;162(2):579-83

Mutation affecting the specific regulatory control of lysine biosynthetic enzymes in Saccharomyces cerevisiae. Ramos F, et al. **MGG** 1985;200(2):291-4

Role of biotin in the production of lysine by Brevibacterium lactofermentum. Ko YT, et al. **Microbios** 1984; 40(161-162):161-71

Advances in the biotechnology of lysine production. **Nutr Rev** 1985 Mar;43(3):88-90 (6 ref.)

[Biosynthesis of lysine by Candida utilis] García Rodríguez JC, et al. **Rev Latinoam Microbiol** 1984 Oct-Dec; 26(4):309-14 (Eng. Abstr.) **(Spa)**

BLOOD

Familial hyperlysinemias. Purification and characterization of the bifunctional aminoadipic semialdehyde synthase with lysine-ketoglutarate reductase and saccharopine dehydrogenase activities. Markovitz PJ, et al. **J Biol Chem** 1984 Oct 10;259(19):11643-6

DEFICIENCY

Protein utilization in growth: effect of lysine deficiency on serum growth hormone, somatomedins, insulin, total thyroxine (T4) and triiodothyronine, free T4 index, and total corticosterone. Cree TC, et al. **Endocrinology** 1985 Aug;117(2):667–73

The effect of amino acid excess on utilization by the rat of the limiting amino acid--lysine. Cieslak DG, et al. **J Nutr** 1984 Oct;114(10):1863–70

The effect of amino acid excess on utilization by the rat of the limiting amino acid--lysine and threonine at equalized food intakes. Cieslak DG, et al. **J Nutr** 1984 Oct; 114(10):1878–83

DIAGNOSTIC USE

Syntheses of carbon-11 labelled ornithine and lysine. Preliminary accumulation studies in rats with Walker 256 carcinosarcoma. Bolster JM, et al. **Int J Appl Radiat Isot** 1985 Apr;36(4):263–7

GENETICS

Expression in mammalian cells of the diaminopimelic acid decarboxylase of Escherichia coli permits cell growth in lysine-free medium. Jouanneau J, et al. **Eur J Biochem** 1985 Jan 2;146(1):173–8

Differential effects of high-lysine mutations on the accumulation of individual members of a group of proteins encoded by a disperse multigene family in the endosperm of barley (Hordeum vulgare L.). Lázaro A, et al. **Eur J Biochem** 1985 Jun 18;149(3):617–23

A lysine-rich protein functions as an H1 histone in Dictyostelium discoideum chromatin. Parish RW, et al. **Nucleic Acids Res** 1985 Jan 11;13(1):15–30

IMMUNOLOGY

Immunogenicity of homologous low density lipoprotein after methylation, ethylation, acetylation, or carbamylation: generation of antibodies specific for derivatized lysine. Steinbrecher UP, et al. **J Lipid Res** 1984 Oct;25(10):1109–16

ISOLATION & PURIFICATION

The NADP+-binding site of ferredoxin-NADP+ reductase. Sequence of the peptide containing the essential lysine residue. Cidaria D, et al. **Eur J Biochem** 1985 Jan 15;146(2):295–9

METABOLISM

Photoaffinity labeling of functionally different lysine-binding sites in human plasminogen and plasmin. Ryan TJ, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):187–94

Nonenzymatic glucosylation of lysyl and hydroxylysyl residues in type I and type II collagens. Perejda AJ, et al. **Coll Relat Res** 1984 Dec;4(6):427–39

C-terminal lysine residues of fibrinogen fragments essential for binding to plasminogen. Christensen U. **FEBS Lett** 1985 Mar 11;182(1):43–6

Involvement of lysine residues in the binding of hGH and bGH to somatotropic receptors. Martal J, et al. **FEBS Lett** 1985 Jan 28;180(2):295–9

The nutritional value of normal and high lysine corns for weanling and growing-finishing swine when fed at four lysine levels. Asche GL, et al. **J Anim Sci** 1985 Jun; 60(6):1412–28

Effects of combining protein sources on lysine utilization by starter pigs. Cosgrove SB, et al. **J Anim Sci** 1985 Feb; 60(2):470–3

Lysine availability in flash-dried blood meals for swine. Parsons MJ, et al. **J Anim Sci** 1985 Jun;60(6):1447–53

Site-specific mutagenesis of ribulose-1,5-bisphosphate carboxylase/oxygenase. Evidence that carbamate formation at Lys 191 is required for catalytic activity. Estelle M, et al. **J Biol Chem** 1985 Aug 15;260(17):9523–6

Cationic amino acid transport by two renal epithelial cell lines: LLC-PK1 and MDCK cells. Sepúlveda FV, et al. **J Cell Physiol** 1985 Apr;123(1):144–50

Cationic amino acid transport by bovine mammary tissue. Baumrucker CR. **J Dairy Sci** 1984 Nov;67(11):2500–6

Lysine residues, but not carbohydrates, are required for the regulatory function of H on the amplification C3 convertase of complement. Jouvin MH, et al. **J Immunol** 1984 Dec;133(6):3250–4

Influence of basic and branched chain amino acid interactions on the lysine and valine requirements of young turkeys. Jackson S, et al. **Poult Sci** 1984 Dec;63(12):2391–8

[15N-labeled lysine in colostomized laying hens. 5. 15N incorporation into blood fractions and the gastrointestinal tract] Gruhn K, et al. **Arch Tierernahr** 1984 Aug; 34(8):539–47 (Eng. Abstr.) **(Ger)**

[Studies of 15N-labeled lysine in colostomized laying hens. 6. 15N incorporation into basic amino acids of the liver, kidney, meat, bones and remaining body as well as 15N balance] Hennig A, et al. **Arch Tierernahr** 1984 Oct; 34(10):677–88 (Eng. Abstr.) **(Ger)**

[Relations between apparent fecal and apparent ileal crude protein digestibility in swine] Wünsche J, et al. **Arch Tierernahr** 1984 Nov;34(11):761–7 (Eng. Abstr.) **(Ger)**

[Study on the mechanism of placental transport of L-lysine (using human placental microvillous (brush border) membrane vesicles)] Iioka H, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1091–6 (Eng. Abstr.) **(Jpn)**

[Rate of incorporation of lysine supplementing low-quality dietary protein into muscle proteins in rats] Raczyński G. **Rocz Panstw Zakl Hig** 1984;35(2):153–60 (Eng. Abstr.) **(Pol)**

[Rapid storage assay for the study of the loss of nutritive value of bean flour (Phaseolus vulgaris) proteins] Buera MP, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):376–83 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

Amino acid depletion in the blood and brain tissue of hyperphenylalaninemic rats is abolished by the administration of additional lysine: a contribution to the understanding of the metabolic defects in phenylketonuria. Huether G, et al. **Biochem Med** 1985 Jun;33(3):334–41

Influence of lysine on urea cycle activity and orotate formation in the isolated perfused rat liver. de Vrese M, et al. **Biol Chem Hoppe Seyler** 1985 May;366(5):455–61

Acetylsalicylic acid and lysine inhibit protein glycosylation in vitro. A preliminary report [letter] Ceriello A, et al. **Diabete Metab** 1985 Apr;11(2):128–9

The lysine requirement of young growing male guinea pigs. Typpo JT, et al. **J Nutr** 1985 May;115(5):579–87

PHYSIOLOGY

Rearrangement of nucleosomal components by modification of histone amino groups. Structural role of lysine residues. Jordano J, et al. **Biochemistry** 1984 Sep 11;23(19):4280–4

Effect of dietary methionine and lysine on the toxicity of ingested lead acetate in the chick. Leeming TK, et al. **J Nutr** 1984 Nov;114(11):2155–9

THERAPEUTIC USE

Failure of lysine? [letter] Kagan C. **Arch Dermatol** 1985 Jan; 121(1):21

Failure of lysine in frequently recurrent herpes simplex infection [letter] Simon CA, et al. **Arch Dermatol** 1985 Feb; 121(2):167–8

Treatment of recurrent herpes simplex infections with L-lysine monohydrochloride. McCune MA, et al. **Cutis** 1984 Oct;34(4):366–73

Lysine as a prophylactic agent in the treatment of recurrent herpes simplex labialis. Thein DJ, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):659–66

TOXICITY

Effects of lysine and other amino acids on kidney structure and function in the rat. Racusen LC, et al. **Am J Pathol** 1985 Sep;120(3):436–42

Antagonism of arginine by excess dietary lysine in the growing dog. Czarnecki GL, et al. **J Nutr** 1985 Jun; 115(6):743–52

Mechanisms of lysine-induced acute renal failure in rats. Racusen LC, et al. **Kidney Int** 1985 Mar;27(3):517–22

URINE

Lysinuric protein intolerance presenting as childhood osteoporosis. Clinical and skeletal response to citrulline therapy. Carpenter TO, et al. **N Engl J Med** 1985 Jan 31; 312(5):290–4

[Lysinuria and changes in the crystalline lens] Moschos M, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:322–3 **(Fre)**

LYSINE HYDROXYLASE see under **HYDROXYLASES**

LYSINE VASOPRESSIN see **LYPRESSIN**

LYSINOALANINE see under **LYSINE**

LYSOGENY

Prophage induction by liver microsomal metabolites of aflatoxin B1 in lysogenic Pseudomonas aeruginosa. Patel IR, et al. **Acta Microbiol Hung** 1984;31(4):359–64

Bacteriophages of Bacillus polymyxa. Starościak BJ, et al. **Acta Microbiol Pol** 1985;34(2):131–6

Phage-typing scheme of Salmonella bareilly based on lysogeny. Sharma NC, et al. **Antonie Van Leeuwenhoek** 1984;50(3):275–9

Demonstration of lysogeny in stable L-forms of Staphylococcus aureus. Takemasa N, et al. **Biken J** 1984 Dec;27(4):177–81

P1 bacteriophage and tellurite sensitivity in Klebsiella pneumoniae and Escherichia coli. Tomás J, et al. **Can J Microbiol** 1984 Jun;30(6):830–6

The stereostructure of knots and catenanes produced by phage lambda integrative recombination: implications for mechanism and DNA structure. Spengler SJ, et al. **Cell** 1985 Aug;42(1):325–34

Analysis of the different molecular forms of penicillin-binding protein 1B in Escherichia coli ponB mutants lysogenized with specialized transducing lambda (ponB+) bacteriophages. Rojo F, et al. **Eur J Biochem** 1984 Nov 2;144(3):571–6

Efficiency of induction of prophage lambda mutants as a function of recA alleles. Dutreix M, et al. **J Bacteriol** 1985 Mar;161(3):1080–5

The curing of alpha-phage by superinfection with VcA-1 phage in Vibrio cholerae. Siddiqui KA, et al. **J Diarrhoeal Dis Res** 1983 Jun;1(2):107–8

A programme for the construction of a lambda phage. Brammar WJ, et al. **J Embryol Exp Morphol** 1984 Nov; 83 Suppl:75–88

Detection and physical map of a omega tox+-related defective prophage in Corynebacterium diphtheriae Belfanti 1030(-)tox-. Rappuoli R, et al. **J Virol** 1985 Apr; 53(4):194–8

Integration of bacteriophages lambda and phi 80 in wild-type Escherichia coli at secondary attachment sites. II. Genetic structure and mechanism of polylysogen formation for lambda, phi 80 and the lambda att80 hybrid. Kholodii GY, et al. **MGG** 1985;198(3):491–6

Integration of bacteriophages lambda and phi 80 in wild-type Escherichia coli at secondary attachment sites. I. Formation of secondary lysogens. Kholodii GYa, et al. **MGG** 1984; 197(1):104–8

The extent of DNA sequence required for a functional bacterial attachment site of phage lambda. Mizuuchi M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1193–208

Interaction of the lambda site-specific recombination protein Xis with attachment site DNA. Yin S, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1040–4

Plasmodium falciparum malaria: band 3 as a possible receptor during invasion of human erythrocytes. Okoye VC, et al. **Science** 1985 Jan 11;227(4683):169–71

Lysogeny and the immunologically reactive proteins of Streptococcus equi. Timoney JF, et al. **Vet Rec** 1984 Aug 18;115(7):148–9

Virulent mutants of bacteriophage phi80. Reyes O. **Virology** 1985 Oct 15;146(1):50–68

Properties of Streptomyces phage SLE111. Taubeneck U, et al. **Z Allg Mikrobiol** 1984;24(9):637–46

[Lytic, serological and transduction characteristics of bacteriophages isolated from clinical strains of Staphylococcus aureus] Młynarczyk A, et al. **Med Dosw Mikrobiol** 1985;37(2):57–66 (Eng. Abstr.) **(Pol)**

[Homology of the temperate viruses of a polylysogenic culture of Erwinia carotova 268] Kishko IaG, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1250–1 **(Rus)**

[Relationship between nonlysogenic bacteriophages specific to Pseudomonas aeruginosa] Kulakov LA, et al. **Dokl Akad Nauk SSSR** 1985;281(5):1230–3 **(Rus)**

[Formation and genetic structure of polylysogens for lambda and phi 80 and their lambda att80 hybrid infecting wild-type Escherichia coli] Kholodiĭ GIa, et al. **Genetika** 1985 Apr;21(4):530–40 (Eng. Abstr.) **(Rus)**

[Mechanism of non-tandem integration of prophage phi 80 into the chromosome of the wild-type Escherichia coli] Kholodiĭ GIa, et al. **Genetika** 1985 May;21(5):707–15 (Eng. Abstr.) **(Rus)**

[Isolation of Escherichia coli K-12 mutants that affect the development of phage phi m173 (imm phi 80)] Odoevskaia ER, et al. **Genetika** 1985 Apr;21(4):673–5 (Eng. Abstr.) **(Rus)**

[Direct method of selecting LycA mutants of Escherichia coli K-12] Gol'denberg DS, et al. **Genetika (Moskva)** 1985 Feb;21(2):338–40 (Eng. Abstr.) **(Rus)**

[Integration of the related prophages lambda, phi 80 and their hybrid lambda att80 into the secondary chromosomal att sites of wild-type Escherichia coli] Kholodiĭ GIa, et al. **Genetika (Moskva)** 1985 Jan;21(1):46–53 (Eng. Abstr.) **(Rus)**

[Isolation and analysis of Pseudomonas aeruginosa PAO mutants resistant to nonlysogenic bacteriophages] Kulakov LA, et al. **Genetika (Moskva)** 1985 Jan;21(1):39–45 (Eng. Abstr.) **(Rus)**

[A method of estimating the effectiveness of ionizing radiation and magnetic fields for phage induction in lysogenic bacterial culture] Anosova MG, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):258–60 (Eng. Abstr.) **(Rus)**

[Position of the attachment site of the SV40 virus genome at the transcription unit level] Volpe P, et al. **Vopr Virusol** 1984 Sep–Oct;29(5):610–9 (Eng. Abstr.) **(Rus)**

[Lysogeny studies of Vibrio cholerae NAG] Drozhevkina MS, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec; (12):50–4 (Eng. Abstr.) **(Rus)**

[Differences in the production of temperate bacteriophages in lysogenic strains of Salmonella enteritidis and Citrobacter] Borecká J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):159–62 (Eng. Abstr.) **(Slo)**

DRUG EFFECTS

Effect of ozone on prophage induction in different strains of Escherichia coli K-12 lysogenic for lambda. L'Hérault P, et al. **Can J Genet Cytol** 1984 Dec;26(6):706–9

Induction of lambda prophage by furazolidone. Pal AK, et al. **Mutat Res** 1985 Apr–May;156(1–2):69–75

RADIATION EFFECTS

Prophage inactivation in recB-proficient Escherichia coli K12 (lambda) lysogens after ultraviolet irradiation. Petranović M, et al. **MGG** 1984;196(1):167–9

LYSOLECITHIN ACYLTRANSFERASE see under **ACYLTRANSFERASES**

LYSOLECITHINS see

LYSOPHOSPHATIDYLCHOLINES

Kinetics of phosphatidylcholine and lysophosphatidylcholine exchange between unilamellar vesicles. McLean LR, et al. **Biochemistry** 1984 Sep 25;23(20):4624–30

Evidence for a folded conformation of methionine- and leucine-enkephalin in a membrane environment. Behnam BA, et al. **J Biol Chem** 1984 Dec 10;259(23):14935–40

[In vitro study of the chelating ability of smectite vis-à-vis bile salts and lysolecithins (letter)] Nguyen PB, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):877–8 **(Fre)**

ANALYSIS

Fast-heating mass spectrometry of phosphatidylcholine, lysophosphatidylcholine, phosphatidylethanolamine, and sphingomyelin. Dessort D, et al. **Anal Biochem** 1984 Oct; 142(1):43–52

BIOSYNTHESIS

Effect of a single dose of T3 on the incorporation of (Methyl-14C) methionine into phosphatidylcholine and lysophosphatidylcholine in chick liver. Marino A, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):245–51

BLOOD

Shape change of human erythrocytes induced by phosphatidylcholine and lysophosphatidylcholine species with various acyl chain lengths. Fujii T, et al. **Cell Biochem Funct** 1984 Jul;2(3):171–6

Quantitative studies on translocation and metabolic conversion of lysophosphatidylcholine incorporated into the membrane of intact human erythrocytes from the medium. Tamura A, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):353–9

A membrane-bound phospholipase C with an apparent specificity for lysophosphatidylinositol in porcine platelets. Murase S, et al. **J Biol Chem** 1985 Jan 10;260(1):262–5

Metabolism of lysophosphatidylcholine by swine platelets. Chen DE, et al. **Lipids** 1985 Mar;20(3):133–40

CHEMICAL SYNTHESIS

Syntheses and biological activities of N-alkyl- and N-alkenylcarbamoyl phospholipids. Tsushima S, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2700–13

METABOLISM

Spectroscopic investigation of ligand interaction with hepatic phenylalanine hydroxylase: evidence for a conformational change associated with activation. Phillips RS, et al. **Biochemistry** 1984 Aug 14;23(17):3836–42

Lysophosphatidylcholine acyltransferase and lysophosphatidylcholine: lysophosphatidylcholine acyltransferase in alveolar type II cells from fetal rat lung. de Vries AC, et al. **Biochim Biophys Acta** 1985 Jan 9; 833(1):93–9

Glucagon treatment of rats inhibits the accumulation of lysophospholipids by liver mitochondria during preparation and subsequent incubation. Armston AE, et al. **Biosci Rep** 1984 Nov;4(11):903–8

Evidence that lysolecithin is an important causal agent of atherosclerosis. Vidaver GA, et al. **J Theor Biol** 1985 Jul 7;115(1):27–41

PHARMACODYNAMICS

Cation permeability and mechanical properties of the erythrocyte membrane under the influence of lysophosphatidylcholine (LPC) in isotonic and hypotonic media. Eskelinen S, et al. **Acta Physiol Scand** 1984 Dec; 122(4):527–34

Inhibitory effect of lysophosphatidylcholine on the histamine release from rat peritoneal mast cells. Mio M, et al. **Agents Actions** 1985 Apr;16(3–4):113–7

Effects of palmitoyl carnitine and LPC on cardiac sarcolemmal Na+-K+-ATPase. Pitts BJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):H840–6

Lysophosphatidylcholine cell depolarization: increased membrane permeability for use in the determination of cell membrane potentials. Gallo RL, et al. **Arch Biochem Biophys** 1984 Dec;235(2):544–54

The effects of lysophosphatidylcholine and related amphiphiles on platelet cytoskeletal assembly. Carroll RC, et al. **Biochim Biophys Acta** 1984 Oct 17;777(1):28–36

Activation of peritoneal macrophages by lysophosphatidylcholine. Ngwenya BZ, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):9–15

Stimulation of (Ca2+ + Mg2+)-ATPase activity in human erythrocyte membranes by synthetic lysophosphatidic acids and lysophosphatidylcholines. Effects of chain length and degree of unsaturation of the fatty acid groups. Tokumura A, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):568–74

The flow behavior of lysolecithin-induced echinocytes. Rogausch H. **Biorheology** 1984;21(6):757–65

Purging murine leukemic marrow with alkyl-lysophospholipids. Glasser L, et al. **Blood** 1984 Dec; 64(6):1288–91

Induced mucosal penetration and transfer to portal blood of luminal horseradish peroxidase after exposure of mucosa of guinea pig small intestine to ethanol and lysolecithin. Talbot RW, et al. **Dig Dis Sci** 1984 Nov;29(11):1015–22

Effect of alkyl-lysophospholipids on phosphatidylcholine biosynthesis in leukemic cell lines. Vogler WR, et al. **Exp Hematol** 1985 Aug;13(7):629–33

Lysophosphatidylcholine increases rat ileal permeability to macromolecules. Tagesson C, et al. **Gut** 1985 Apr; 26(4):369–77

The activation of rat liver phenylalanine hydroxylase by limited proteolysis, lysolecithin, and tocopherol phosphate. Changes in conformation and catalytic properties. Abita JP, et al. **J Biol Chem** 1984 Dec 10;259(23):14560–6

Effects of temperature upon capacitation of guinea pig spermatozoa. Fleming AD, et al. **J Exp Zool** 1985 Mar; 233(3):405–11

Effect of a lysolecithin analogue on nonspecific resistance to infection of mice. Vassilev TL, et al. **J Med Microbiol** 1985 Apr;19(2):159–67

Comparison of antispasmodic effect of synthetic lysolecithins with various fatty acid moieties on guinea pig ileum. Tsukatani H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):400–6

Suppression of lysophosphatidylcholine-induced abnormal automaticity by verapamil in canine Purkinje fibers. Nakaya H, et al. **Jpn J Pharmacol** 1984 Nov;36(3):371–8

Intestinal cholesterol uptake: comparison between mixed micelles containing lecithin or lysolecithin. Reynier MO, et al. **Lipids** 1985 Mar;20(3):145–50

Effect of reduced calcium on lysophosphatidylcholine-induced cardiac arrhythmias. Man RY, et al. **Pharmacology** 1985;31(1):11–6

Effects of phospholipase A2, lysophosphatidyl choline, and fatty acid on the acrosome reaction of human spermatozoa. Kyono K, et al. **Tohoku J Exp Med** 1984 Nov;144(3):257–63

PHYSIOLOGY

The role of lysophosphatidylcholine in the regulation of the catabolism of triglyceride-rich lipoproteins. Windler E, et al. **Agents Actions [Suppl]** 1984;16:101–5

Possible role of lysolecithins and nonesterified fatty acids in the pathogenesis of Reye's syndrome, sudden infant death syndrome, acute pancreatitis, and diabetic ketoacidosis. Shaw W. **Clin Chem** 1985 Jul;31(7):1109–15

SECRETION

Origin of plasma lysophosphatidylcholine: evidence for direct hepatic secretion in the rat. Sekas G, et al. **J Lab Clin Med** 1985 Feb;105(2):190–4

TOXICITY

Antiinvasive effect of racemic 1-O-octadecyl-2-O-methylglycero-3-phosphocholine on MO4 mouse fibrosarcoma cells in vitro. Storme GA, et al. **Cancer Res** 1985 Jan;45(1):351–7

In vitro effect of alpha-tocopherol on lysophosphatidylcholine-induced lens damage. Libondi T, et al. **Exp Eye Res** 1985 May;40(5):661–6

LYSOPHOSPHOLIPASE see under **PHOSPHOLIPASES**

LYSOSOMES

Expression of the Chediak-Higashi lysosomal abnormality in human peripheral blood lymphocyte subpopulations. Grossi CE, et al. **Blood** 1985 Apr;65(4):837–44

ANALYSIS

Lysosome-associated membrane proteins: characterization of LAMP-1 of macrophage P388 and mouse embryo 3T3 cultured cells. Chen JW, et al. **Arch Biochem Biophys** 1985 Jun;239(2):574–86

Toxicity of renal lysosomal contents on aortic smooth muscle cells in culture. Kai-Yamamoto M, et al. **Exp Mol Pathol** 1984 Dec;41(3):338–43

Identification of two lysosomal membrane glycoproteins. Chen JW, et al. **J Cell Biol** 1985 Jul;101(1):85–95

Glycoproteins of the lysosomal membrane. Lewis V, et al. **J Cell Biol** 1985 Jun;100(6):1839–47

Identification and purification of NK cells with lysosomotropic vital stains: correlation of lysosome content with NK activity. Shau H, et al. **J Immunol** 1985 Jul; 135(1):137–40

Electron probe X-ray analysis on human hepatocellular lysosomes with copper deposits: copper binding to a thiol-protein in lysosomes. Hanaichi T, et al. **Lab Invest** 1984 Nov;51(5):592–7

DRUG EFFECTS

Action of vitamin P like compounds on lysosomal fragility in hypercholesterolemia: implication of ascorbic acid and its metabolites. Rathi AB, et al. **Acta Vitaminol Enzymol** 1984;6(2):97–102

Increased lysosomal fragility in the human uterine cervix following estrogen therapy. Herczeg J, et al. **Arch Gynecol** 1985;236(3):131–3

In vivo interaction between mouse liver lysosomes and chloroquine. Colombo MI, et al. **Biol Cell** 1985;54(1):73–7

Lysosomal alterations in heart and liver of mice treated with doxorubicin. Gebbia N, et al. **Cancer Chemother Pharmacol** 1985;15(1):26–30

Interference of cyclosporin with lymphocyte proliferation: effects on mitochondria and lysosomes of cyclosporin-sensitive or -resistant cell clones. Koponen M, et al. **Cell Immunol** 1985 Jul;93(2):486–96

Effect of sodium copper chlorophyllin on lipid peroxidation. VII. Effect of its administration on the stability of rat liver lysosomes. Sato M, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul;32(7):2855–8

Inhibition by lysosomotropic amines of dog thyroid secretion in vitro. Unger J, et al. **Endocrinology** 1985 Mar; 116(3):958–65

Enhancement of DNA-mediated gene transfer by inhibitors of autophagic-lysosomal function. Ege T, et al. **Exp Cell Res** 1984 Nov;155(1):9–16

Effect of amino acids and cycloheximide on changes caused by vinblastine, leupeptin and methylamine in the autophagic/lysosomal system of mouse hepatocytes in vivo. Kovács AL, et al. **Exp Cell Res** 1985 Mar;157(1):83–94

Differential effects of lysosomotropic amines and polyamines on processing and biological activity of EGF. Widelitz RB, et al. **Exp Cell Res** 1984 Nov;155(1):163–70

Tilorone acts as a lysosomotropic agent in fibroblasts. Gupta DK, et al. **Hoppe Seylers Z Physiol Chem** 1984 Aug; 365(8):859–66

The lysosomal toxicity of aminoglycosides: a morphometric approach. Morin JP, et al. **Int J Tissue React** 1984; 6(5):427–35

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160–4

The effects of lysosomotropic amines on protein degradation, migration of nonhistone proteins to the nucleus, and cathepsin D in lymphocytes. Polet H. **J Cell Physiol** 1985 Mar;122(3):415–23

Responses of cultured cardiac myocytes to lysosomotropic compounds and methylated amino acids. Decker RS, et al. **J Cell Sci** 1985 Mar;74:119–35

Characterization of iron-mediated peroxidative injury in isolated hepatic lysosomes. Mak IT, et al. **J Clin Invest** 1985 Jan;75(1):58–63

Lysosomal modifications in human proximal tubule induced by aminoglycoside treatment: visualisation by light microscopical cytochemistry. Roels F, et al. **Pathol Res Pract** 1984 Nov;179(2):230–4

Labilising effect of suramin on rat kidney lysosomes in vivo. Akanji MA. **Toxicol Lett** 1984 Dec;23(3):273–7

Isolation of two lysosomal populations from iron-overloaded rat liver with different iron concentration and proteolytic activity. Hultcrantz R, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):55–65

[The modification of enzyme production in macrophages] Fleischer J, et al. **Folia Haematol (Leipz)** 1984;111(2):146–8 **(Ger)**

[Effect of adrenaline on kidney lysosome function in rats during prolonged soft tissue crushing] Kobylianskiĭ LN. **Biull Eksp Biol Med** 1984 Oct;98(10):425–7 (Eng. Abstr.) **(Rus)**

[Facilitation of the structural and functional disorders of liver lysosomes in toxic hepatitis due to the suppression of intralysosomal proteolysis] Korolenko TA, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):169–72 (Eng. Abstr.) **(Rus)**

[Possibilities for the external regulation of lysosomal structure and functions. Pharmacological effects on the permeability of lysosomal membranes in the ischemic myocardium] Sysoliatina NA, et al. **Farmakol Toksikol** 1985 Mar-Apr; 48(2):121–3 (19 ref.) **(Rus)**

[Effect of nonachlazine on the temperature sensitivity of the lysosomal membranes of the heart muscle in rats in vitro] Sysoliatina NA. **Farmakol Toksikol** 1985 May-Jun; 48(3):41–5 (Eng. Abstr.) **(Rus)**

[Effect of antioxidants on the change in the lipid composition of the liver lysosomes in rats following a thermal burn] Burlakova EB, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct; (5):13–7 (Eng. Abstr.) **(Rus)**

[Effect of pyridoxine, riboflavin and glutamic acid on lysosomal hydrolase activity of the liver and kidney of rats with severe mechanical injuries] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):44–8 (Eng. Abstr.) **(Rus)**

[Effect of amines on the pH in the lysosomes of 3T3 cells] Sorkin AD, et al. **Tsitologiia** 1985 Feb;27(2):203–8 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Platelet lysosomal enzymes are normal in myeloproliferative disorders. Leoncini G, et al. **Acta Haematol (Basel)** 1984; 72(3):190–4

Enzyme histochemical observation of fibrohistiocytic tumors. Nakanishi S, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1003–16

Lysosomal changes in skeletal muscles during the repair of exercise injuries in muscle fibers. Salminen A. **Acta Physiol Scand [Suppl]** 1985;539:1–31

Five related Lebanese individuals with high plasma lysosomal hydrolases: a new defect in mannose-6-phosphate receptor recognition? Alexander D, et al. **Am J Hum Genet** 1984 Sep;36(5):1001–14

Cholesteryl ester storage disease and Wolman disease: phenotypic variants of lysosomal acid cholesteryl ester hydrolase deficiency. Hoeg JM, et al. **Am J Hum Genet** 1984 Nov;36(6):1190–203

Human lysosomal beta-glucosidase: purification by affinity chromatography. Grabowski GA, et al. **Anal Biochem** 1984

Aug 15;141(1):267–79

Distribution of chromaffin secretory vesicles, acetylcholinesterase, and lysosomal enzymes in sucrose and Percoll gradients. Gratzl M. **Anal Biochem** 1984 Oct; 142(1):148–54

A combined assay of three lysosomal marker enzymes: acid phosphatase, beta-D-glucuronidase, and beta-N-acetyl-D-hexosaminidase. Löffler BM, et al. **Anal Biochem** 1984 Nov 1;142(2):312–6

Ultrastructural localization of carbonic anhydrase in lysosomes. Rikihisa Y. **Anat Rec** 1985 Jan;211(1):1–8

In vitro inhibition of lysosomal phospholipases by aminoglycoside antibiotics: a comparative study. Carlier MB, et al. **Arch Toxicol [Suppl]** 1984;7:282–5

Platelet activating factor intravenous infusion in rats stimulates vascular lysosomal hydrolase secretion independent of blood neutrophils. Doebber TW, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):980–7

Direct measurement of phagolysosomal esterase activity. Uchida T, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):584–9

Cellular location of N-acetyltransfer activities toward glucosamine and glucosamine-6-phosphate in cultured human skin fibroblasts. Hopwood JJ, et al. **Biochem Int** 1983 Jun;6(6):823–30

Functional lysosomal hydrolase size as determined by radiation inactivation analysis. Dawson G, et al. **Biochem J** 1985 Feb 15;226(1):283–8

Lysosomal triacylglycerol lipase activity in L6 myoblasts and its changes on differentiation. Sauro VS, et al. **Biochem J** 1985 Apr 15;227(2):583–9

Interaction of streptomycin and streptomycylamine derivatives with negatively charged lipid layers. Correlation between binding, conformation of complexes and inhibition of lysosomal phospholipase activities. Brasseur R, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):1035–47

Inhibition of purified lysosomal phospholipase A1 by beta-adrenoceptor blockers. Pappu AS, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):521–4

The effect of detergents on immunoprecipitability of lysosomal sphingomyelinase. Driessen M, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):97–102

Stimulation of intralysosomal proteolysis by cysteinyl-glycine, a product of the action of gamma-glutamyl transpeptidase on glutathione. Mego JL. **Biochim Biophys Acta** 1985 Aug 16;841(2):139–44

Separation of rat liver lysosome membrane adenosine triphosphatase activities by polyacrylamide gel electrophoresis. Mego JL. **Biochim Biophys Acta** 1984 Sep 27;766(3):592–6

Cysteine proteinase content of rat muscle lysosomes. Evidence for an unusual proteinase activity. Obled A, et al. **Biochimie** 1984 Sep–Oct;66(9–10):609–16

Amphiphilic cationic drugs and phospholipids influence the activities of beta-galactosidase and beta-glucosidase from liver lysosomal fraction of untreated rats. Harder A, et al. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):189–93

Lysosomal enzymes in the intestine of the newborn lamb. Healy PJ. **Biol Neonate** 1984;46(4):186–91

Stability in rat plasma and serum of lysosomally degradable oligopeptide sequences in N-(2-hydroxypropyl) methacrylamide copolymers. Rejmanová P, et al. **Biomaterials** 1985 Jan;6(1):45–8

Formation of a morphologically complex system by peroxidase-positive lysosomal elements in human monocytes. Deimann W, et al. **Blood** 1985 Sep;66(3):514–21

Activities of lysosomal enzymes and levels of serum amyloid A (SAA) in blood plasma of hamsters during casein induction of AA-amyloidosis. Hol PR, et al. **Br J Exp Pathol** 1985 Jun;66(3):279–92

Lysosomal isoenzyme profiles used to classify a case of acute undifferentiated leukaemia. Eden OB, et al. **Br J Haematol** 1985 Jan;59(1):109–14

Lysosomal enzymes in ataxia: discovery of two new cases of late onset hexosaminidase A and B deficiency (adult Sandhoff disease) in French Canadians. Barbeau A, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):601–6

Alpha-lactalbumin as a lysosomal enzyme-releasing factor. Komine S, et al. **Cell Biochem Funct** 1985 Jan;3(1):33–9

Effects of mitogenic stimulation of lymphocytes on lysosomal enzyme activity. Olsen I, et al. **Cell Biochem Funct** 1983 Jul;1(2):103–8

Stimulation of the release of lysosomal and nonlysosomal granular enzymes from macrophages treated with monensin. Takano Y, et al. **Cell Struct Funct** 1984 Sep; 9(3):265–77

Release of enzymes from the lysosomes of rat kidney cortex by aminoglycoside antibiotics. Inaba A, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3173–8

Effects of mechlorethamine on lysosomal enzyme release from HeLa and 3T3 cells. Kavli G, et al. **Chemotherapy** 1985;31(2):160–8

Behaviour of several enzymes of lysosomal origin in human plasma during whole blood storage. Lombardo A, et al. **Clin Chim Acta** 1984 Nov 30;143(3):343–53

Behaviour of several enzymes of lysosomal origin in human plasma during pregnancy. Lombardo A, et al. **Clin Chim Acta** 1984 Nov 30;143(3):253–64

New fluorometric assay of lysosomal acid lipase and its application to the diagnosis of Wolman and cholesteryl ester storage diseases. Negre AE, et al. **Clin Chim Acta** 1985 Jun 30;149(1):81–8

Latency differences of lysosomal enzymes in cardiac and skeletal muscles of male and female mice. Salminen A, et al. **Comp Biochem Physiol [A]** 1985;81(4):929–33

Neural microtubular and lysosomal phenyl valerate esterases and proteases in relation to organophosphate-induced delayed neurotoxicity. Seifert J, et al. **Comp Biochem Physiol [C]** 1984;78(2):271–6

Developmental changes in the modification of lysosomal enzymes in Dictyostelium discoideum. Knecht DA, et al. **Dev Biol** 1985 Feb;107(2):490–502

Regulation of lysosomal alpha-mannosidase-1 synthesis during development in Dictyostelium discoideum. Livi GP, et al. **Dev Biol** 1985 Aug;110(2):514–20

Changes in the post-translational modification of lysosomal enzymes during development of Dictyostelium. Moore BR, et al. **Differentiation** 1985;29(1):7–13

Pancreatitis. The role of lysosomes. Steer ML, et al. **Dig Dis Sci** 1984 Oct;29(10):934–8 (22 ref.)

Cerulein-induced pancreatitis in rats: increased lysosomal enzyme activity and autophagocytosis. Adler G, et al. **Digestion** 1985;32(1):10–8

Thyroid lysosomal enzyme activity and ultrastructure after subtotal thyroidectomy. Krupp PP, et al. **Endocrinology** 1984 Nov;115(5):1905–12

Use of activators and inhibitors to define the properties of the active site of normal and Gaucher disease lysosomal beta-glucosidase. Gatt S, et al. **Enzyme** 1985;33(2):109–19

Activity of lysosomal hydrolases in human placenta, amnion, decidua and myometrium in the 2nd and 3rd trimester. Isaksson A, et al. **Enzyme** 1985;33(1):57–9

Lysosomal enzymes in plasma, liver and spleen from rats with carbon tetrachloride-induced liver cirrhosis. Melén K, et al. **Enzyme** 1985;33(2):84–8

Purine nucleotides stimulate while carbamoyl phosphate protects inactivation of ornithine transcarbamoylase by disrupted lysosomes. Navarro A, et al. **Eur J Biochem** 1985 May 15;149(1):175–80

Presence of a transglutaminase activity in rat liver lysosomes. Juprelle-Soret M, et al. **Eur J Cell Biol** 1984 Jul;34(2):271–4

Drug influences on rat hepatic macrophage enzyme production and release in vitro. Tanner AR, et al. **Eur J Clin Invest** 1985 Jun;15(3):146–50

Cell surface events which may initiate lysosomal enzyme secretion by human monocytes. Leoni P, et al. **Eur J Immunol** 1984 Nov;14(11):997–1002

Neuraminidase deficiency presenting as non-immune hydrops fetalis. Beck M, et al. **Eur J Pediatr** 1984 Dec;143(2):135–9

Arterial prostaglandins and lysosomal function during atherogenesis. II. Isolated cells of diet-induced atherosclerotic aortas of rabbit. Berberian PA, et al. **Exp Mol Pathol** 1985 Aug;43(1):36–55

Latencies and phosphomannosyl-enzyme receptors of lysosomal enzymes during the appearance and repair of exercise injuries in mouse skeletal muscles. Salminen A. **Exp Mol Pathol** 1984 Dec;41(3):409–18

Human Z alpha 1-antitrypsin accumulates intracellularly and stimulates lysosomal activity when synthesised in the Xenopus oocyte. Bathurst IC, et al. **FEBS Lett** 1985 Apr 22;183(2):304–8

Pertussis toxin inhibits chemotactic factor-induced phospholipase C stimulation and lysosomal enzyme secretion in rabbit neutrophils. Bradford PG, et al. **FEBS Lett** 1985 Apr 22;183(2):317–20

Lysosomal thyroid hormone 5'-deiodinase. Colquhoun EQ, et al. **FEBS Lett** 1984 Nov 19;177(2):221–6

The presence and orientation of ecto-5'-nucleotidase in rat liver lysosomes. Maguire GA, et al. **FEBS Lett** 1985 Jan 21;180(1):122–6

Lysosomal enzyme activities in polymorphonuclear leukocytes, macrophages, serum, and spleen of conventional, germ-free, and antigen-free Minnesota miniature swine. Ferenčík M, et al. **Folia Microbiol (Praha)** 1985;30(1):65–75

Decreased lysosomal protease content of skeletal muscles from streptozotocin-induced diabetic rats: a biochemical and histochemical study. Stauber WT, et al. **Histochem J** 1985 May;17(5):613–22

Immunocytochemistry of lysosomal hydrolases and their precursor forms in normal and mutant human cells. Van Dongen JM, et al. **Histochem J** 1984 Sep;16(9):941–54

The role of nerve lysosomal enzymes in the pathogenesis of denervation atrophy. Electromyographic and histochemical study in rats. Schwartz J, et al. **Histochemistry** 1985;82(1):33–8

Processing and transport of lysosomal enzymes in human monocyte line U937. Gupta DK, et al. **Hoppe Seylers Z Physiol Chem** 1984 Aug;365(8):867–76

A case of glycogen storage disease type I associated with an incomplete type of Fanconi syndrome; the protective role of lysosomal alpha 1,4-glucosidase and insulin deficiency against hypoglycemia. Itakura M, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:204–6

Lysosomal storage defects. Kornfeld S, et al. **Hosp Pract [Off]** 1985 Aug 15;20(8):71–5, 78–82

Lysosomal hydrolase activity in chorionic villi and embryonic cells in culture. Poenaru L, et al. **Hum Genet** 1985;69(4):378–9

Changes in cytoplasmic and lysosomal enzyme activities in cultured rat heart cells: the relationship to cell differentiation and cell population in culture. Yagev S, et al. **In Vitro** 1984 Dec;20(12):893–8

Sodium butyrate induced alterations in lysosomal enzyme activity. Kelly RE. **In Vitro Cell Dev Biol** 1985 Jul; 21(7):373–81

Effect of two gold compounds on human polymorphonuclear leukocyte lysosomal function and phagocytosis. Kühn SH, et al. **Inflammation** 1985 Mar;9(1):39–44

Changes in lysosomal enzyme activities of eye tissues in endotoxin-induced inflammation. Tsung PK, et al. **Inflammation** 1983 Sep;7(3):257–67

Lysosomal acid deoxyribonuclease from vervet monkey livers—I. Purification and physico-chemical characterization. Oosthuizen MM, et al. **Int J Biochem** 1984;16(12):1207–15

Lysosomal acid deoxyribonuclease from vervet monkey livers—II. Enzymic properties. Oosthuizen MM, et al. **Int J Biochem** 1984;16(12):1217–21

Vincamine TPS activity on glycoconjugate metabolism of the brain: effect on lysosomal enzymes. Federico A, et al. **Int J Clin Pharmacol Res** 1984;4(4):277–9

Effect of growth hormone on the activity of some lysosomal enzymes in neutrophilic polymorphonuclear leukocytes of hypopituitary dwarfs. Rovenský J, et al. **Int J Tissue React** 1985;7(2):153–9

The lysosomal hexosaminidase isozymes. Mahuran D, et al. **Isozymes Curr Top Biol Med Res** 1985;12:229–88 (220 ref.)

Purification and characterization of lysosomal alpha-glucosidase secreted by eukaryote Tetrahymena. Banno Y, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):409–18

Characterization of lysosomal acid lipase purified from rabbit liver. Imanaka T, et al. **J Biochem (Tokyo)** 1984 Oct; 96(4):1089–101

Solubilization and reconstitution of a lysosomal H+-pump. Moriyama Y, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):927–30

Acetyl coenzyme A: alpha-glucosaminide N-acetyltransferase. Evidence for a transmembrane acetylation mechanism. Bame KJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11293–9

Interaction of Dictyostelium discoideum lysosomal enzymes with the mammalian phosphomannosyl receptor. The importance of oligosaccharides which contain phosphodiesters. Freeze HH. **J Biol Chem** 1985 Jul 25; 260(15):8857–64

Use of active site-directed inhibitors to study in situ degradation of glycoproteins by the perfused rat liver. Kuranda MJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1858–66

Lysosomal enzyme phosphorylation. Recognition of a protein-dependent determinant allows specific phosphorylation of oligosaccharides present on lysosomal enzymes. Lang L, et al. **J Biol Chem** 1984 Dec 10; 259(23):14663–71

Synthesis and transport of lysosomal acid phosphatase in normal and I-cell fibroblasts. Lemansky P, et al. **J Biol Chem** 1985 Jul 25;260(15):9023–30

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160–4

Effects of ammonia on processing and secretion of precursor and mature lysosomal enzyme from macrophages of normal and pale ear mice: evidence for two distinct pathways. Brown JA, et al. **J Cell Biol** 1985 Jun;100(6):1894–904

Pathways involved in targeting and secretion of a lysosomal enzyme in Dictyostelium discoideum. Mierendorf RC Jr, et al. **J Cell Biol** 1985 May;100(5):1777–87

Cathepsin D precursors in clathrin-coated organelles from human fibroblasts. Schulze-Lohoff E, et al. **J Cell Biol** 1985 Sep;101(3):824–9

A fluorescence staining method for the demonstration and measurement of lysosomal enzyme activities in single cells. Luyten GP, et al. **J Histochem Cytochem** 1985 Sep; 33(9):965–8

Immunocytochemical localization of cathepsin D in lysosomes of cortical collecting tubule cells of the rat kidney. Yokota S, et al. **J Histochem Cytochem** 1985 Mar; 33(3):191–200

Deficient Kupffer cell phagocytosis and lysosomal enzymes in the endotoxin-low-responsive C3H/HeJ mouse. McCuskey RS, et al. **J Leukocyte Biol** 1984 Nov; 36(5):591–600

Regulation of macrophage lysosomal secretion by adenosine, adenosine phosphate esters, and related structural analogues of adenosine. Riches DW, et al. **J Leukocyte Biol** 1985 May;37(5):545–57

Effects of nicotine on the functions of human polymorphonuclear leukocytes in vitro. Sasagawa S, et al. **J Leukocyte Biol** 1985 May;37(5):493–502

Dendritic transport. I. Colchicine stimulates the transport of lysosomal enzymes from cell bodies to dendrites. Gorenstein C, et al. **J Neurosci** 1985 Aug;5(8):2009–17

Dendritic transport. II. Somatofugal movement of neuronal lysosomes induced by colchicine: evidence for a novel transport system in dendrites. Gorenstein C, et al. **J Neurosci** 1985 Aug;5(8):2018–27

Binding and internalization of lysosomal enzymes by primary cultures of rat glia. Hill DF, et al. **J Neurosci Res** 1985; 14(1):35–47

Possible role of calmodulin in the control of lysosomal enzyme release from human polymorphonuclear leukocytes. Marone G, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):678–84

Effects of melanin on lysosomal enzymes in bovine ciliary body and iris in vitro. Nakazawa M, et al. **Jpn J Ophthalmol** 1985;29(1):37–41

Differential effects of anti–inflammatory agents on lysosomal cysteine proteinases cathepsins B and H from rat spleen. Yamamoto K, et al. **Jpn J Pharmacol** 1984 Jul;35(3):253–8

Cytochemical analysis of acid hydrolases expression during phorbol diester (TPA)–driven differentiation of B–chronic lymphocytic leukaemia cells in vitro. Dufer J, et al. **Leuk Res** 1984;8(5):813–20

Purification of lysosomal cholesteryl ester hydrolase from rat liver by preparative isoelectric focusing. Klemets R, et al. **Lipids** 1984 Sep;19(9):692–8

Characterization of a cytosolic protein inhibiting lysosomal acid cholesteryl ester hydrolase. Tanaka M, et al. **Lipids** 1984 Oct;19(10):714–20

A diurnal variation of hepatic acid cholesteryl ester hydrolase activity in the rat. Tanaka M, et al. **Lipids** 1985 Jan; 20(1):46–8

Lysosomal enzyme activities in pancreatic islets from normal and obese hyperglycemic mice. Lundquist I. **Metabolism** 1985 Jan;34(1):1–9

Heterogeneity of lysosomal enzymes in cultured normal and sialidosis type II human fibroblasts and the effect of ammonium chloride on this heterogeneity. Heyworth CM, et al. **Mol Cell Biochem** 1985 May;67(1):25–30

Primary prevention of inherited disorders. Present and future possibilities. Adinolfi M, et al. **Pediatr Med Chir** 1984 Jan–Feb;6(1):51–5

Seasonal changes in the circadian activity rhythm of light–dark (LD) and completely dark (DD) regimen in the mouse submandibular gland in the presence of light–dark (LD) and completely dark (DD) regimen. Lityńska A. **Physiol Bohemoslov** 1984;33(5):447–56

Lysosomal enzyme binding to mouse P388D1 macrophage membranes lacking the 215–kDa mannose 6–phosphate receptor: evidence for the existence of a second mannose 6–phosphate receptor. Hoflack B, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4428–32

Lysosomotropic agents selectively potentiate thrombin–induced acid hydrolase secretion from platelets. Van Oost BA, et al. **Proc Natl Acad Sci USA** 1985 Apr; 82(8):2374–8

Effect of estrogen on lysosomal enzyme activities in rat heart. Gallagher LJ, et al. **Proc Soc Exp Biol Med** 1984 Dec; 177(3):428–33

Protein degradation and lysosomal proteinases in cultured fetal rabbit cardiac myocytes. Decker RS, et al. **Prog Clin Biol Res** 1985;180:627–8

Lysosomal thiol cathepsins and their endogenous inhibitors. Distribution and localization. Katunuma N, et al. **Prog Clin Biol Res** 1985;180:71–9

Cathepsin L––a lysosomal cysteine proteinase. Kirschke H, et al. **Prog Clin Biol Res** 1985;180:61–9

Proteolytic activity associated with membranes of rat liver lysosomes. Schneider DL. **Prog Clin Biol Res** 1985; 180:291–3

Localization of four lysosomal proteases in experimental allergic encephalomyelitis. Stauber WT. **Prog Clin Biol Res** 1985;180:251–3

Structure and function of lysosomal cysteine proteinases and their protein inhibitors. Turk V, et al. **Prog Clin Biol Res** 1985;180:91–103

The lymphocyte acid phosphatase–positive lysosomes in patients with malignancies. Lisiewicz J, et al. **Scand J Haematol** 1985 Feb;34(2):181–3

Leukocyte lysosomal function in sepsis. Konn G, et al. **Surg Gynecol Obstet** 1984 Nov;159(5):457–60

Lysosomal acid hydrolase alterations in gastric mucosa from an experimental peptic ulcer model. Watson RG, et al. **Surg Gynecol Obstet** 1985 Jul;161(1):57–63

Pancreatic lysosomal hydrolases in acute experimental pancreatitis in dogs. Brzozowski J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(6):350–9

Depletion of secondary lysosomes in mouse macrophages infected with Leishmania mexicana amazonensis: a cytochemical study. Barbieri CL, et al. **Z Parasitenkd** 1985; 71(2):159–68

[Changes in the lysosomal enzymes during thyroid imbalance and alloxan diabetes] Colev V, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct–Dec; 88(4):669–75 (Eng. Abstr.) **(Fre)**

[Photochemotherapy and activity of lysosomal enzymes in the serum of psoriasis patients] Ruszczak Z, et al. **Dermatol Monatsschr** 1984;170(9):573–7 (Eng. Abstr.) **(Ger)**

[Variation of lysosomal enzymes activity in Arthus type experimental uveitis] Mitsuhashi M. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):639–48 (Eng. Abstr.) **(Jpn)**

[Lysosomal enzyme activity in middle ear effusions] Hara A, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 May; 87(5):596–602 (Eng. Abstr.) **(Jpn)**

[Changes of lysosomal enzyme activities in experimental type I and type IV allergic models] Inoue H, et al. **Nippon Yakurigaku Zasshi** 1985 Feb;85(2):91–5 (Eng. Abstr.) **(Jpn)**

[Lysosomal enzyme deficiency and its modifying factors] Okada S. **No To Shinkei** 1985 May;37(5):514–6 **(Jpn)**

[Lysosomal protease activity and protein degradation in the amniotic fluid] Skrzydlewski Z, et al. **Ginekol Pol** 1984 Apr;55(4):253–6 (Eng. Abstr.) **(Pol)**

[Effect of stimulation of beta–adrenergic and H2 receptors of polymorphonuclear granulocytes on the release of lysosomal enzymes in patients with hay fever before and after treatment with Pollinex] Wrzyszcz M, et al. **Pol Tyg Lek** 1985 Mar 25–31;40(12–13):377–9 **(Pol)**

[Acid–base equilibrium and the activity of various lysosomal enzymes in the cerebrospinal fluid and arterial blood in severe brain injury and in post–traumatic apallic syndrome] Mrówka R. **Wiad Lek** 1985 Jan 1;38(1):15–20 (Eng. Abstr.) **(Pol)**

[Lysosomal glycosidase activity in cultured human fibroblasts] Beliaeva ID, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):550–3 (Eng. Abstr.) **(Rus)**

[Inhibition of liver lysosomal cholesterol esterase activity in rats by dextran blue in vivo and in vitro] Dushkin MI, et al. **Biull Eksp Biol Med** 1985 May;99(5):573–5 (Eng. Abstr.) **(Rus)**

[Lysosomal proteinase activity and the the lysosomes of the small intestine in postnatal ontogeny] Nikolaevskaia VR, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):139–42 (Eng. Abstr.) **(Rus)**

[Effect of lysosomal enzymes on myocardial electrical and contractile activity in burn shock] Vornovitskiĭ EG, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):750–3 (Eng. Abstr.) **(Rus)**

[Lysosomal enzyme activity in various organs of rats exposed to tetramethylthiuram disulfide] Nepesova ShA, et al. **Gig Sanit** 1985 Jan;(1):89–91 **(Rus)**

[Use of a cytochemical method of detecting acid phosphatase for evaluating neutrophil lysosome function] Mikhaĭlov GT. **Lab Delo** 1984;(8):468–71 (Eng. Abstr.) **(Rus)**

[Lysosomal enzyme activity in the liver and kidneys of rats with severe mechanical trauma] Kobylianskiĭ LN, et al. **Patol Fiziol Eksp Ter** 1984 Nov–Dec;(6):53–8 (Eng. Abstr.) **(Rus)**

[Lysosome participation in the recovery processes in the liver following physical loading] Maianskaia NN, et al. **Patol Fiziol Eksp Ter** 1984 Jul–Aug;(4):65–70 (Eng. Abstr.) **(Rus)**

[Function of the mitochondria and lysosomal apparatus of rabbit liver cells in burn shock] Slepneva LV, et al. **Patol Fiziol Eksp Ter** 1985 Mar–Apr;(2):32–6 (Eng. Abstr.) **(Rus)**

[Changes in the activity of lysosomal enzymes of alveolar macrophages and neutrophils in various lung diseases] Bulychev AG, et al. **Probl Tuberk** 1984 Aug;(8):62–5 (Eng. Abstr.) **(Rus)**

[The effect of 3',5'–AMP–dependent protein kinase on the release of cathepsin B from lysosomes of rat skeletal muscles and heart under exertion] Kalinskiĭ MI. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):408–13 (Eng. Abstr.) **(Rus)**

[Changes in the activity of trout lysosomal enzymes during fasting] Krupnova MIu, et al. **Ukr Biokhim Zh** 1985 May–Jun;57(3):62–5 (Eng. Abstr.) **(Rus)**

[Total activity and distribution of multiple forms of lysosomal glycosidases in subfractions of human leukocytes] Kuz'micheva NA, et al. **Vopr Med Khim** 1984 Sep–Oct; 30(5):76–81 (Eng. Abstr.) **(Rus)**

[Interrelations of lysosomal enzymes of leukocytes in patients with cicatricial stenosis of the larynx] Logunov AI, et al. **Vopr Med Khim** 1984;30(6):110–4 (Eng. Abstr.) **(Rus)**

[Chromatin activation as affected by lysosomal proteinases using fluorescent probes] Maianskaia NN, et al. **Vopr Med Khim** 1984;30(6):53–6 (Eng. Abstr.) **(Rus)**

[Biochemical diagnosis of sialidosis in a child with a 'cherry spot' in the fundus oculi as the main clinical symptom of the disease] Tsvetkova IV, et al. **Vopr Med Khim** 1984 Sep–Oct;30(5):81–3 (Eng. Abstr.) **(Rus)**

[Effect of protein deficiency and antigenic stimulation on rat liver lysosomes] Volgarev MN, et al. **Vopr Pitan** 1984 Sep–Oct;(5):42–4 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Immuno–electron microscopical demonstration of lysosomes in human blood platelets and megakaryocytes using anti–cathepsin D. Sixma JJ, et al. **Blood** 1985 May, 65(5):1287–91

The role of the lysosome in natural killing: inhibition by lysosomotropic vital dyes. Shau H, et al. **Immunology** 1984 Dec;53(4):745–51

Antibodies against a lysosomal membrane antigen recognize a prelysosomal compartment involved in the endocytic pathway in cultured prolactin cells. Tougard C, et al. **J Cell Biol** 1985 Mar;100(3):786–93

[Effect of antigenic stimulation and fasting on liver lysosomes in rats] Tutel'ian VA, et al. **Biull Eksp Biol Med** 1984 Sep; 98(9):292–4 (Eng. Abstr.) **(Rus)**

METABOLISM

Experimental neurotoxicity of the anorectic fenfluramine. I. A fine structural model for cerebral lysosomal storage and neuroglial reaction. Dastur DK, et al. **Acta Neuropathol (Berl)** 1985;67(1–2):142–54

Renal hydrolysis of absorbed protein: influence of load and lysosomal pH. Camargo MJ, et al. **Am J Physiol** 1984 Oct; 247(4 Pt 2):F656–64

Release of a fluorescent probe as an indicator of lysosomal granule secretion by thrombin–stimulated human platelets. Greenberg–Sepersky SM, et al. **Anal Biochem** 1985 May 15;147(1):57–62

Enhanced lysosomal phospholipid degradation and lysophospholipid production due to free radicals. Weglicki WB, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):229–35

Targeting of asialofetuin sugar chain–bearing liposomes to liver lysosomes. Banno Y, et al. **Biochem Int** 1983 Oct; 7(4):455–61

Biliary excretion of FITC metabolites after administration of FITC labeled asialo orosomucoid as a measure of lysosomal proteolysis. van der Sluijs P, et al. **Biochem Pharmacol** 1985 May 1;34(9):1399–405

Proteolytic and other metabolic pathways in lysosomes. Barrett AJ. **Biochem Soc Trans** 1984 Dec;12(6):899–902

Drug targeting to lysosomes. Duncan R, et al. **Biochem Soc Trans** 1984 Dec;12(6):913–5

The lysosomal proton pump. Harikumar P, et al. **Biochem Soc Trans** 1984 Dec;12(6):906–8

Penetration of small molecules across the lysosome membrane: the 'classical' view. Lloyd JB. **Biochem Soc Trans** 1984 Dec;12(6):906

Lysosomal transport of cystine and other small molecules. Schneider JA, et al. **Biochem Soc Trans** 1984 Dec; 12(6):908–10

Metabolic consequences of genetic defects in lysosomes. Tager JM, et al. **Biochem Soc Trans** 1984 Dec;12(6):902–5

The effect of ions and ionophores on cystine egress from human leucocyte lysosome–rich granular fraction. Bashan N, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):267–73

Concurrent disappearance of N–acylethanolamine glycerophospholipids and phagolysosomes enriched in N–acylethanolamine glycerophospholipids as Dictyostelium discoideum cells aggregate. Ellingson JS, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):255–60

Lysosomal localisation of cobalamin during absorption by the ileum of the dog. Horadagoda NU, et al. **Biochim Biophys Acta** 1985 Feb 15;838(2):206–10

Role of lysosomes in gallium concentration by mammalian tissues. Berry JP, et al. **Biol Cell** 1984;51(1):43–51

Process of the combination of alpha–lactalbumin with lysosomes in mammary epithelial cells. Komine S, et al. **Cell Biochem Funct** 1985 Jan;3(1):41–4

Are the renin–containing granules of juxtaglomerular epithelioid cells modified lysosomes? Taugner R, et al. **Cell Tissue Res** 1985;239(3):575–87

Effects of neurotropin on rat liver microsomes and lysosomes, and in vitro lipid peroxidation. Ogiso T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):810–7

Kinetics of renal catabolism of absorbed proteins: influence of lysosomal pH. Camargo MJ, et al. **Contrib Nephrol** 1984; 42:19–29

Effects of lysosomal inhibitors on 125I–insulin and 125I–asialofetuin degradation by the isolated, perfused rat liver and isolated rat hepatocytes. Ward WF, et al. **Diabetes** 1985 May;34(5):446–51

The effect of chloroquine on lysosomal prolactin receptors in rat liver. Ferland LH, et al. **Endocrinology** 1984 Nov; 115(5):1842–9

Lysosomal digestion of thyroglobulin: role of cathepsin D and thiol proteases. Yoshinari M, et al. **Endocrinology** 1985 Oct;117(4):1621–31

Intralysosomal formation and metabolic fate of N–acetylglucosamine 6–sulfate from keratan sulfate. Fuchs W, et al. **Eur J Biochem** 1985 Sep 16;151(3):551–6

Effect on lysosomes of invertase endocytosed by rat–liver. Jadot M, et al. **Eur J Biochem** 1985 Sep 16;151(3):485–8

Lysosomal accumulation of cholesterol and sphingomyelin: evidence for inhibition of acid sphingomyelinase. Bhuvaneswaran C, et al. **Eur J Cell Biol** 1985 May; 37:98–106

Species differences in the handling of lysosomotropic metals and Triton WR 1339 by rat and Chinese hamster liver. Seidel A, et al. **Eur J Cell Biol** 1985 May;37:89–97

The effect of calcium antagonists on the proteolytic degradation of low–density lipoprotein in HeLa cells. Akiyama S, et al. **Exp Cell Res** 1985 May;158(1):192–204

Intracellular degradation of asialoglycoproteins in hepatocytes starts in a subgroup of lysosomes. Berg T, et al. **Exp Cell Res** 1985 Feb;156(2):570–4

Accumulation of autolysosomes after receptor–mediated introduction of Ep459–asialofetuin conjugate into lysosomes in rat hepatocytes. Furuno K, et al. **Exp Cell Res** 1985 Jan;156(1):15–21

Participation of lysosomes in basal proteolysis in perfused rat liver. Discrepancy between leupeptin–induced lysosomal enlargement and inhibition of proteolysis. Henell F, et al. **Exp Cell Res** 1985 May;158(1):257–62

Uptake––microautophagy––and degradation of exogenous proteins by isolated rat liver lysosomes. Effects of pH, ATP, and inhibitors of proteolysis. Ahlberg J, et al. **Exp Mol Pathol** 1985 Feb;42(1):78–88

Plasminogen activator: morphological evidence of binding, internalization and delivery to lysosomes in 3T3 mouse fibroblasts. Dini G, et al. **Histochem J** 1985 Mar; 17(3):333–41

ATP–induced stimulation of the intralysosomal hydrolysis of thyroglobulin. Evidence for an ATP–driven proton pump in thyroid lysosomes. Fouchier F, et al. **Horm Metab Res** 1984 Jul;16(7):359–62

125I–Insulin internalization by perfused rat liver: comparison of its subcellular distribution with that of a lysosomally targeted molecule, 125I–asialofetuin. Ward WF. **Horm Metab Res** 1984 Oct;16(10):509–12

Regulation of human natural killing by lysosomotropic and thiol-reactive agents. Shau H, et al. **Immunology** 1985 Aug; 55(4):647-54

Degradation of short and long lived proteins in isolated rat liver lysosomes. Effects of pH, temperature, and proteolytic inhibitors. Ahlberg J, et al. **J Biol Chem** 1985 May 10; 260(9):5847-54

Processing of human cathepsin D in lysosomes in vitro. Gieselmann V, et al. **J Biol Chem** 1985 Mar 10; 260(5):3215-20

Chloroquine-induced phospholipid fatty liver. Measurement of drug and lipid concentrations in rat liver lysosomes. Hostetler KY, et al. **J Biol Chem** 1985 Jan 10;260(1):215-9

Detection and characterization of carrier-mediated cationic amino acid transport in lysosomes of normal and cystinotic human fibroblasts. Role in therapeutic cystine removal? Pisoni RL, et al. **J Biol Chem** 1985 Apr 25;260(8):4791-8

Swainsonine inhibits glycoprotein degradation by isolated rat liver lysosomes. Winkler JR, et al. **J Biol Chem** 1984 Dec 25;259(24):15369-72

Lysosomal accumulation of the hormone-receptor complex during receptor-mediated endocytosis of human choriogonadotropin. Ascoli M. **J Cell Biol** 1984 Oct;99(4 Pt 1):1242-50

Processing and lysosomal localization of a glycoprotein whose secretion is transformation stimulated. Gal S, et al. **J Cell Biol** 1985 Feb;100(2):535-44

Effect of lysosomotropic amines on the secretory pathway and on the recycling of the asialoglycoprotein receptor in human hepatoma cells. Strous GJ, et al. **J Cell Biol** 1985 Aug;101(2):531-9

Collagen degradation in human lung fibroblasts: extent of degradation, role of lysosomal proteases, and evaluation of an alternate hypothesis. Bienkowski RS. **J Cell Physiol** 1984 Oct;121(1):152-8

Inhibitors of protein synthesis also inhibit lysosomal proteolysis. Studies using cystinotic fibroblasts. Thoene JG, et al. **J Clin Invest** 1985 Feb;75(2):370-6

Lysosomal mutations inhibit lipofuscinosis of the spleen in C57BL mice. Ahmed F, et al. **J Hered** 1985 Jul-Aug; 76(4):311-2

Microinjection of isolated lysosomes: a model for studying autophagic sequestration of cell organelles. Berkenstam A, et al. **Prog Clin Biol Res** 1985;180:463-6

Degradation of short- and long-time labelled proteins by rat liver lysosomes. Glaumann H, et al. **Prog Clin Biol Res** 1985;180:417-26

Sequestration and hydrolysis of electroinjected [14C]lactose as a means of investigating autophagosome-lysosome fusion in isolated rat hepatocytes. Gordon PB, et al. **Prog Clin Biol Res** 1985;180:475-7

Degradation of microinjected ribonuclease A and ribonuclease S-protein by lysosomal pathways. McElligott MA, et al. **Prog Clin Biol Res** 1985;180:471-3

The stimulatory effect of glutathione on proteolysis in mouse kidney lysosome suspensions. Mego JL. **Prog Clin Biol Res** 1985;180:487-9

Swainsonine inhibits lysosomal degradation of glycoproteins. Segal HL, et al. **Prog Clin Biol Res** 1985;180:491-4

The role of lysosomes in the degradation of myofibrillar and non-myofibrillar proteins in heart. Wildenthal K, et al. **Prog Clin Biol Res** 1985;180:511-20

Defect in vitamin B12 release from lysosomes: newly described inborn error of vitamin B12 metabolism. Rosenblatt DS, et al. **Science** 1985 Jun 14; 228(4705):1319-21

Lysosomal gold accumulations in pulmonary macrophages. Pääkö P, et al. **Ultrastruct Pathol** 1984;7(4):289-94

[The effect of calcium antagonists on intracellular transport of epidermal growth factor and the conjugate of epidermal growth factor with pseudomonas exotoxin] Akiyama S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):660-8 (Eng. Abstr.) **(Jpn)**

[Somatic cell mutants with altered receptor and endocytosis activities] Kuwano M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):669-76 (Eng. Abstr.) **(Jpn)**

[Cellular responses and the H+ pump in the vacuolar system] Ohkuma S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):653-9 (Eng. Abstr.) **(Jpn)**

[Mechanisms of intracellular protein breakdown--distinct role of lysosomal and nonlysosomal route] Tanaka K. **Tanpakushitsu Kakusan Koso** 1985 Jun;30(6):441-59 (110 ref.) **(Jpn)**

[Effect of the permeability of lysosomal and mitochondrial membranes on the ability of their cryoextracts to inhibit the protein-synthesizing activity of cell-free systems] Zagnoĭko VI, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):16-20 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Multiplication of Mycobacterium marinum within phagolysosomes of murine macrophages. Mor N. **Infect Immun** 1985 Jun;48(3):850-2

Effect of chloroquine on African swine fever virus infection. Geraldes A, et al. **J Gen Virol** 1985 May;66 (Pt 5):1145-8

[Role of lysosomes during the development of a fibroblast staphylococcal infection] Dzhidzheishvili LSh, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):13-6 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Functions and pathological aspects of lysosomes] Gandarias JM, et al. **Rev Clin Esp** 1985 Apr;176(7):325-32 (45 ref.) (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

The role of lysosomes and microtubules in cardiac protein degradation. Wildenthal K, et al. **Adv Myocardiol** 1985; 5:137-44

Inhibition of phagosome-lysosome fusion in macrophages by soluble extracts of virulent Brucella abortus. Frenchick PJ, et al. **Am J Vet Res** 1985 Feb;46(2):332-5

Modes of access of macromolecules to the lysosomal interior. Dean RT. **Biochem Soc Trans** 1984 Dec;12(6):911-3

Lysosomal membrane recovery following labilization by thyroid stimulators. Neylan D, et al. **Cell Biochem Funct** 1983 Jul;1(2):112-6

Turnover of brush-border glycoproteins in human intestinal absorptive cells: do lysosomes have a regulatory function? Blok J, et al. **Cell Biol Int Rep** 1984 Dec;8(12):993-1014 (50 ref.)

Endocytic pathways and time sequence of lysosomal transfer of macromolecules in cultured mouse peritoneal macrophages. Double-labeling experiments with horseradish peroxidase and ferritin. Thyberg J, et al. **Cell Tissue Res** 1985;241(2):299-303

Modulation of the digestive lysosomal system in Paramecium caudatum. III. Morphological effects of cytochalasin B. Allen RD, et al. **Eur J Cell Biol** 1985 May;37:35-43

Modulation of the digestive lysosomal system in Paramecium caudatum. II. Physiological effects of cytochalasin B, colchicine and trifluoperazine. Fok AK, et al. **Eur J Cell Biol** 1985 May;37:27-34

Modulation of the digestive-lysosomal system in Paramecium caudatum. I. Effects of temperature. Fok AK, et al. **Eur J Cell Biol** 1984 Jul;34(2):265-70

Conversion of dense lysosomes into light lysosomes during hepatocytic autophagy. Seglen PO, et al. **Exp Cell Res** 1985 Apr;157(2):550-5

Arterial prostaglandins and lysosomal function during atherogenesis. I. Homogenates of diet-induced atherosclerotic aortas of rabbit. Berberian PA, et al. **Exp Mol Pathol** 1985 Aug;43(1):22-35

Altered secretion and accumulation of kidney glycosphingolipids by mouse pigmentation mutants with lysosomal dysfunctions. Gross SK, et al. **J Biol Chem** 1985 Apr 25;260(8):5033-9

The role of lysosomes in the pathogenesis of copper-induced hepatotoxicity: morphological studies. Helman RG, et al. **J Comp Pathol** 1985 Jan;95(1):25-35

Entry of poliovirus type 1 and Mouse Elberfeld (ME) virus into HEp-2 cells: receptor-mediated endocytosis and endosomal or lysosomal uncoating. Zeichhardt H, et al. **J Gen Virol** 1985 Mar;66 (Pt 3):483-92

Fluorescent markers for studying phagosome-lysosome fusion. Goren MB, et al. **J Leukocyte Biol** 1984 Sep; 36(3):273-92

Phagocytized intracellular microsporidian blocks phagosome acidification and phagosome-lysosome fusion. Weidner E, et al. **J Protozool** 1985 May;32(2):311-7

Mechanisms of hormone action: parallels in receptor-mediated signal propagation for steroid and peptide effectors. Szego CM. **Life Sci** 1984 Dec 10; 35(24):2383-96 (73 ref.)

Lysosomes and prohormone activation [letter] Hales CN. **Nature** 1985 Mar 7-13;314(6006):20

Iron overload and lysosomal stability in beta zero-thalassaemia intermedia and trait: correlation between serum ferritin and serum N-acetyl-beta-D-glucosaminidase levels. Frigerio R, et al. **Scand J Haematol** 1984 Sep;33(3):252-5

[Early changes in the permeability of cellular and lysosomal membrane in rat testes after local heating of the scrotum] Vunder PA, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):608-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Investigations on the mechanism of chlorpromazine phototoxicity: effects on lysosomes of cultured human fibroblasts. Hasei K, et al. **Photochem Photobiol** 1984 Aug; 40(2):273-6

ULTRASTRUCTURE

The presence of abnormal lysosomes in lymphocytes and neutrophils during chloroquine therapy: a quantitative ultrastructural study. Jones CJ, et al. **Ann Rheum Dis** 1984 Oct;43(5):710-5

Myelin figures in the basal-granulated cells of human Brunner's glands. Kamiya R, et al. **Arch Histol Jpn** 1984 Aug;47(3):337-43

Ultrastructure of Paneth cells in germ-free rats, with special reference to the secretory granules and lysosomes. Satoh Y. **Arch Histol Jpn** 1984 Aug;47(3):293-301

Formation of autophagosomes in the pinealocytes of the rat and mongolian gerbil (Meriones unguiculatus): a lysosome wrapping mechanism? Krstić R. **Cell Tissue Res** 1985; 241(3):677-81

Lysosomes and pancreatic islet function. Glucose-dependent alterations of lysosomal morphology. Schnell AH, et al. **Cell Tissue Res** 1985;239(3):537-45

Isolation of lysosomes from the tail of metamorphosing bullfrog tadpole. Kobayashi K, et al. **Comp Biochem Physiol [B]** 1985;81(3):603-7

Properties of the lysosomes from liver and gill of rainbow trout, Salmo gairdnerii R.: effect of starvation, salinity and 2,4,5-T. Thebault MT, et al. **Comp Biochem Physiol [B]** 1984;79(4):541-7

Purification of thyroid lysosomes by colloidal silica density gradient centrifugation. Yoshinari M, et al. **Endocrinology** 1985 Aug;117(2):580-90

Ultrastructural study of lysosomes in the myocardium of spontaneously hypertensive rats under chronic salt ingestion. Singh DN. **Exp Pathol** 1984;26(2):77-84

Lysosomes of the rat pituitary intermediate lobe. Bácsy E, et al. **Histochem J** 1985 May;17(5):548-51

The Golgi apparatus and lysosomes of rat pancreatic acinar cells following refeeding. Romagnoli P. **Histochem J** 1984 Aug;16(8):855-68

Retrieval of lysosomal membrane and acid phosphatase from phagolysosomes of Paramecium caudatum. Allen RD, et al. **J Cell Biol** 1984 Dec;99(6):1955-9

Antibodies against lysosomal membranes reveal a 100,000-mol-wt protein that cross-reacts with purified H+,K+ ATPase from gastric mucosa. Reggio H, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1511-26

Nerve growth factor-mediated induction of choline acetyltransferase in PC12 cells: evaluation of the site of action of nerve growth factor and the involvement of lysosomal degradation products of nerve growth factor. Heumann R, et al. **J Neurosci** 1984 Dec;4(12):3039-50

Autoradiographic demonstration of human 125I-interferon alpha in lysosomes of rabbit proximal tubule cells. Bocci V, et al. **J Submicrosc Cytol** 1984 Oct;16(4):753-7

Lysosomal activity in the aging rat liver: II. Morphometry of acid phosphatase positive dense bodies. De Priester W, et al. **Mech Ageing Dev** 1984 Aug;26(2-3):205-16

An extensive lysosomal system in the maternal epithelium of the porcine placenta. Dantzer V. **Placenta** 1984 Mar-Apr;5(2):117-29

Inhibitors of lysosomal enzymes: accumulation of lipofuscin-like dense bodies in the brain. Ivy GO, et al. **Science** 1984 Nov 23;226(4677):985-7

[Subcellular structures of the peripheral blood lymphocytes in patients with burns] Grabarczyk M, et al. **Patol Pol** 1984 Jan-Mar;35(1):115-27 (Eng. Abstr.) **(Pol)**

[Lysosome participation in collagen resorption by hepatocytes during regression of liver cirrhosis] Ryvniak VV. **Biull Eksp Biol Med** 1984 Dec;98(12):746-8 (Eng. Abstr.) **(Rus)**

[Structural and quantitative changes in the hepatocyte lysosomal apparatus induced by a stressing factor on the body of mice] Shkurupiĭ VA, et al. **Tsitol Genet** 1985 Mar-Apr;19(2):93-7 (Eng. Abstr.) **(Rus)**

[Electron microscopic and histochemical research on lysosomes and acid phosphatase of epithelial cells of the normal oral mucosa and in lichen ruber planus] Raĭkhlin AN. **Vestn Dermatol Venerol** 1985 Jan;(1):13-7 (Eng. Abstr.) **(Rus)**

LYSOSTAPHIN

BIOSYNTHESIS

Antagonistic activities of coagulase-positive staphylococci. Balusek J, et al. **J Hyg Epidemiol Microbiol Immunol** 1985; 29(2):147-54

PHARMACODYNAMICS

Adherence of lysostaphin to and penetration into human monocytes. van den Broek PJ, et al. **Scand J Immunol** 1985 Feb;21(2):189-93

LYSOZYME see **MURAMIDASE**

LYSYL OXIDASE see under **AMINO ACID OXIDOREDUCTASES**

LYSYL T RNA SYNTHETASE see under **AMINO ACYL T RNA SYNTHETASES**

LYT 1 ANTIGEN see **ANTIGENS, LY**

M-B FACTOR see **MUSCLE RELAXING FACTOR**

M PERIOD see **MITOSIS**

MACACA

Functional eustachian tube obstruction and otitis media in a primate model. A review. Doyle WJ. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:52-7 (20 ref.)

Establishing the cynomolgus monkey as a laboratory animal. Honjo S, et al. **Adv Vet Sci Comp Med** 1984;28:51-80

Obesity in macaques: spontaneous and induced. Kemnitz JW. **Adv Vet Sci Comp Med** 1984;28:81-114 (125 ref.)

Clinical and pathologic features of an acquired immune deficiency syndrome (AIDS) in macaque monkeys. Letvin NL, et al. **Adv Vet Sci Comp Med** 1984;28:237-65

Sudden death and neuroleptic medication in subhuman primates [letter] Domino EF. **Am J Psychiatry** 1985 Jan; 142(1):145

Immunologic abnormality in a group of Macaca arctoides with high mortality due to atypical mycobacterial and other disease processes. Holmberg CA, et al. **Am J Vet Res** 1985 May;46(5):1192-6

Scanning and transmission electron microscopy of cysts in the renal cortex of the macaque monkey. Miyoshi M, et al. **Arch Histol Jpn** 1984 Aug;47(3):259-69

Successful in vitro fertilization and embryo transfer in cynomolgus monkeys. Balmaceda JP, et al. **Fertil Steril** 1984 Nov;42(5):791-5

Respondent conditioning of self-injurious behavior in early socially deprived rhesus monkeys (Macaca mulatta). Gluck JP, et al. **J Abnorm Psychol** 1985 May;94(2):222-6

Adenocarcinoma of the small intestine in two rhesus monkeys. Fanton JW, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1377-8

Hemoperitoneum associated with endometriosis in a rhesus monkey. Schiffer SP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1375-7

Trichoepithelioma in a Barbary ape (Macaca sylvanus): review of cutaneous tumors in nonhuman primates and case report. Brack M, et al. **J Med Primatol** 1984;13(3):159-64

Ovarian adenocarcinoma in a bonnet monkey: histologic and ultrastructural features. Bunton TE, et al. **J Med Primatol** 1983;12(2):106-11

Intraductal mammary carcinoma and benign ovarian teratoma in a rhesus monkey. Eydelloth RS, et al. **J Med Primatol** 1983;12(2):101-5

Species of the genus Macaca (Cercopithecidea, primates) as research subjects in modern biology and medicine. Fridman EP, et al. **J Med Primatol** 1983;12(6):287-303

Management of a harem breeding colony of rhesus monkeys to reduce trauma-related morbidity and mortality. Kessler MJ, et al. **J Med Primatol** 1985;14(2):91-8

Adult polycystic kidney disease in a rhesus monkey (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1984;13(3):147-52

Development of a nonhuman primate model for fetoscopy. Mattison DR, et al. **J Med Primatol** 1983;12(6):319-30

In vitro incorporation of (U-C14)-glucose and (1-C14)-sodium acetate in peripheral nerves of malnourished young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(5):261-8

Reproductive performance, population dynamics and anthropometrics of the free-ranging Cayo Santiago rhesus macaques. Rawlins RG, et al. **J Med Primatol** 1984;13(5):247-59

Influence of housing conditions on pregnancy outcome in cynomolgus monkeys (Macaca fascicularis). Boot R, et al. **Lab Anim** 1985 Jan;19(1):42-7

Aspiration pneumonia with adenovirus infection in a Japanese macaque (Macaca fuscata fuscata). Umemura T, et al. **Lab Anim** 1985 Jan;19(1):39-41

Secondary amyloidosis in rhesus monkeys with chronic indwelling venous catheters. Doepel FM, et al. **Lab Anim Sci** 1984 Oct;34(5):494-6

Villus atrophy and malabsorption in a rhesus monkey. Harris RL, et al. **Lab Anim Sci** 1984 Dec;34(6):610-3

Paralysis due to a glomangioma in a Macaca mulatta. Hubbard GB, et al. **Lab Anim Sci** 1984 Dec;34(6):614-5

Treatment of pulmonary acariasis in rhesus macaques with ivermectin. Joseph BE, et al. **Lab Anim Sci** 1984 Aug;34(4):360-4

Calcinosis circumscripta in two rhesus monkeys. Line SW, et al. **Lab Anim Sci** 1984 Dec;34(6):616-8

A pathological study in cynomolgus monkeys infected with Edesonfilaria malayensis. Nonoyama T, et al. **Lab Anim Sci** 1984 Dec;34(6):604-9

Clear cell carcinoma of the lung in a pigtailed macaque. Tsai CC, et al. **Lab Anim Sci** 1985 Feb;35(1):85-8

An animal model of myopia. Raviola E, et al. **N Engl J Med** 1985 Jun 20;312(25):1609-15

Neutrophilic nodules in the intestinal walls of Japanese monkeys associated with the neutrophil chemotactic activity of larval extracts and secretions of Oesophagostomum aculeatum. Horii Y, et al. **Res Vet Sci** 1985 Jan;38(1):115-9

Seroepidemiological survey on dengue and Japanese encephalitis virus infections in Asian monkeys. Yuwono J, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun;15(2):194-200

Malignant lymphoma in a colony of Macaca arctoides. Holmberg CA, et al. **Vet Pathol** 1985 Jan;22(1):42-5

Prostatic carcinoma in a rhesus monkey (Macaca mulatta). Hubbard GB, et al. **Vet Pathol** 1985 Jan;22(1):88-90

Mammary carcinoma with metastasis in a rhesus monkey (Macaca mulatta). Hubbard GB, et al. **Vet Pathol** 1984 Sep;21(5):531-3

Glomangiomas in four irradiated Macaca mulatta. Hubbard GB, et al. **Vet Pathol** 1984 Nov;21(6):609-10

Microfilarial granulomas in the spleens of wild-caught cynomolgus monkeys (Macaca fascicularis). Narama I, et al. **Vet Pathol** 1985 Jul;22(4):355-62

[Persistent pupillary membranes in a cynomolgus monkey] Suzuki MT, et al. **Jikken Dobutsu** 1985 Jan;34(1):81-4 (Eng. Abstr.) **(Jpn)**

[Abnormal findings in the ocular fundi of colony-born cynomolgus monkeys] Suzuki MT, et al. **Jikken Dobutsu** 1985 Apr;34(2):131-40 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Sympathetic pathways through the petrosal nerves in monkeys. Wilson JE. **Acta Anat (Basel)** 1985;121(2):75-80

Ultrastructure of the epididymal epithelium of rhesus monkey (Macaca mulatta). Bajpai VK, et al. **Acta Eur Fertil** 1985 May-Jun;16(3):207-17

Structure of taste buds in foliate papillae of the rhesus monkey, Macaca mulatta. Farbman AI, et al. **Am J Anat** 1985 Jan;172(1):41-56

Architectural design and fiber-type distribution of the major elbow flexors and extensors of the monkey (cynomolgus). Roy RR, et al. **Am J Anat** 1984 Nov;171(3):285-93

The tracheobronchial epithelium of the bonnet monkey (Macaca radiata): a quantitative ultrastructural study. Wilson DW, et al. **Am J Anat** 1984 Sep;171(1):25-40

Innervation of the levator scapulae, the serratus anterior, and the rhomboideus in crab-eating macaques and its morphological significance. Kato K, et al. **Anat Anz** 1984;157(1):43-55

Fiber type composition of monkey forearm muscle. McIntosh JS, et al. **Anat Rec** 1985 Apr;211(4):403-9

Morphology of the distal conducting airways in rhesus monkey lungs. Tyler NK, et al. **Anat Rec** 1985 Mar;211(3):295-303

Planar relationships of the semicircular canals in rhesus and squirrel monkeys. Blanks RH, et al. **Brain Res** 1985 Aug 12;340(2):315-24

The frequency and distribution of medium-sized neurons with indented nuclei in the primate and rodent neostriatum. Graveland GA, et al. **Brain Res** 1985 Feb 18;327(1-2):307-11

Scanning- and transmission electron-microscopic study of lymphatic vessels in the splenic white pulp of the macaque monkey. Hokazono K, et al. **Cell Tissue Res** 1984;237(1):1-6

Architecture of associations of minor salivary gland ducts and lymphoid follicles in Macaca fascicularis. An ultrastructural study. Nair PN, et al. **Cell Tissue Res** 1985;240(1):223-32

Organization of lymphoid tissue in the tonsilla lingualis. An ultrastructural study in Macaca fascicularis (Primates, Cercopithecoidea). Nair PN, et al. **Cell Tissue Res** 1985;240(1):233-42

Spontaneous mitral valve prolapse in a breeding colony of rhesus monkeys. Swindle MM, et al. **Circulation** 1985 Jan;71(1):146-53

The optically determined corneal and anterior chamber volumes of the cynomolgus monkey. Greenbaum S, et al. **Curr Eye Res** 1985 Mar;4(3):187-90

Large layer VI cells in macaque striate cortex (Meynert cells) project to both superior colliculus and prestriate visual area V5. Fries W, et al. **Exp Brain Res** 1985;58(3):613-6

Dendritic bundles formed by layer VI pyramidal cells in the monkey frontal association cortex. Sakai M. **Exp Brain Res** 1985;58(3):609-12

Pterygopalatine ganglion cytology in monkeys. Wilson JE. **J Anat** 1984 Sep;139 (Pt 2):307-17

A case of acardiac anomaly in the cynomolgus monkey (Macaca fascicularis): a complication of monozygotic monochorial twinning. Hein PR, et al. **J Med Primatol** 1985;14(3):133-42

Hysterosalpingography in cynomolgus monkeys. Parmley TH, et al. **J Med Primatol** 1983;12(1):41-8

Ultrastructure of the primate carotid body: a morphometric study of the glomus cells and nerve endings in the monkey (Macaca fascicularis). Hansen JT. **J Neurocytol** 1985 Feb;14(1):13-32

X-ray localization of limbic structures in the cynomolgus monkey (Macaca fascicularis). Aggleton JP. **J Neurosci Methods** 1985 Jul;14(2):101-8

Techniques for improving stereotaxic accuracy in Macaca fascicularis. Dubach MF, et al. **J Neurosci Methods** 1985 Apr;13(2):163-9

A freeze-fracture study on epididymal and ejaculate spermatozoa of the monkey (Macaca fascicularis). Reger JF, et al. **J Submicrosc Cytol** 1985 Jan;17(1):49-56

Body and organ weights of Macaca fuscata and Macaca cyclopis. Makita T, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):385-90

Studies on the arterial vasculature in the floor region of the mouth and the submandibular region of the crab-eating monkey using the plastic injection method. Nakajima T. **Okajimas Folia Anat Jpn** 1984 May;61(1):33-57

Blood supply of the trigeminal ganglion of the crab-eating monkey (Macaca fascicularis). Ohtsuki K. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):201-19

Sequential microdissection and scanning electron microscopy of ciliary microvascular castings. Morrison JC, et al. **Scan Electron Microsc** 1984;(Pt 2):857-65

The drainage routes for aqueous humor in monkeys as revealed by scanning electron microscopy of corrosion casts. Ujiie K, et al. **Scan Electron Microsc** 1984;(Pt 2):849-56

Three types of cytoplasmic granules in cardiac muscle cells of cynomolgus monkeys (Macaca fascicularis). Jasty V, et al. **Vet Pathol** 1984 Sep;21(5):505-8

[Morphological observations on the cranial and facial bones of the crab-eating monkey] Suzuki J, et al. **Jikken Dobutsu** 1984 Jul;33(3):319-37 (Eng. Abstr.) **(Jpn)**

[Scanning electron microscopy of fractured specimens by thin sectioning of monkey zonular fibers. Zonular fibers and their relationship to the vitreous body and ciliary epithelium at their arising site in the posterior pars plana of monkey eyes] Nishida S. **Nippon Ganka Gakkai Zasshi** 1985 Mar;89(3):447-52 (Eng. Abstr.) **(Jpn)**

[Head-down tilt hypokinesia in monkeys: a morphological study] Kaplanskii AS, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):53-60 (Eng. Abstr.) **(Rus)**

BLOOD

Metabolism of arachidonic acid by macaque platelets. Implications for studies on atherosclerosis. Beatty CH, et al. **Atherosclerosis** 1985 Apr;55(1):1-13

Testosterone metabolic clearance rate and production rate in the male infant rhesus monkey. Booth JD, et al. **Horm Metab Res** 1985 Feb;17(2):110-1

Effects of primaquine on serum biochemical and hematological parameters in anesthetized Macaca fascicularis. Kapeghian JC, et al. **J Med Primatol** 1984;13(2):97-103

Changes in selected serum biochemical and EKG values with age in cynomolgus macaques. Kapeghian JC, et al. **J Med Primatol** 1984;13(5):283-8

The hemogram, serum biochemistry, and electrolyte profile of aged rhesus monkeys (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1983;12(4):184-91

Heterologous radioimmunoassay of monkey luteinizing hormone: a critical assessment. Khan SA, et al. **J Med Primatol** 1984;13(4):191-204

Genetic control of the cynomolgus monkey breeding colony by the use of blood groups. Terao K. **Jpn J Med Sci Biol** 1985 Feb;38(1):49-52

Presence of endogenous inhibitor of aromatic L-amino acid decarboxylase in monkey serum. Rahman MK, et al. **Mol Cell Biochem** 1984 Aug;63(1):53-8

A primate model (Macaca mulatta) to study the pharmacokinetics of heparin and its fractions. Fareed J, et al. **Semin Thromb Hemost** 1985 Apr;11(2):138-54

[Measurement of serum prolactin and the effect of ketamine anesthesia on serum prolactin levels in cynomolgus monkeys (Macaca fascicularis)] Yoshida T, et al. **Jikken Dobutsu** 1985 Apr;34(2):165-71 (Eng. Abstr.) **(Jpn)**

CLASSIFICATION

Blood-protein variations within and between macaque species. Nozawa K. **Jpn J Med Sci Biol** 1985 Feb;38(1):32-6

EMBRYOLOGY

Morphogenesis of the brain in staged rhesus monkey embryos. Gribnau AA, et al. **Adv Anat Embryol Cell Biol** 1985;91:1-69 (83 ref.)

Localization of somatostatin-, bombesin-, and serotonin-like immunoreactivity in the lung of the fetal rhesus monkey. Dayer AM, et al. **Cell Tissue Res** 1985;239(3):621-5

Comparison of the metabolism of cortisol and triamcinolone acetonide in the early, mid, and late gestational age rhesus monkey (Macaca mulatta). Slikker W Jr, et al. **Dev Pharmacol Ther** 1984;7(5):319-33

Ultrasonic assessment of fetal growth in the nonhuman primate (Macaca mulatta). Nyland TG, et al. **JCU** 1984 Sep;12(7):387-95

Dispersion of growing axons within the optic nerve of the embryonic monkey. Williams RW, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3906-10

GENETICS

Genetic correlations between sides and heritability of asymmetry for nonmetric traits in rhesus macaques on Cayo Santiago. McGrath JW, et al. **Am J Phys Anthropol** 1984 Aug;64(4):401-11

Late DNA replication in rhesus monkey (Macaca mulatta) chromosomes. Armada JL, et al. **Cytobios** 1984;41(162):95-103

The major histocompatibility complex of the cynomolgus monkey. II. Polymorphism at three serologically defined loci and correlation of haplotypes with stimulation in MLC and skin graft survival. Keever CA, et al. **Hum Immunol** 1985 Mar;12(3):143-64

Use of genetic markers in the management of captive groups of rhesus monkeys at the California Primate Research Center, U.S.A. Smith DG. **Jpn J Med Sci Biol** 1985 Feb;38(1):44-8

Molecular evolution of non-human primates--hemoglobins of macaque monkeys. Takenaka O. **Jpn J Med Sci Biol** 1985 Feb;38(1):40-3

GROWTH & DEVELOPMENT

Developmental changes in the luteinizing hormone secretory pattern in peripubertal female rhesus monkeys: comparisons between gonadally intact and ovariectomized animals. Terasawa E, et al. **Endocrinology** 1984 Dec;115(6):2233-40

Mandibular condylar structure and growth in Macaca fascicularis are related to skeletal rather than dentitional development. Luder HU. **J Biol Buccale** 1985 Jun;13(2):133-43

Changes in sex hormone-binding globulin binding capacity and percent free estradiol during development in the female rhesus monkey (Macaca mulatta): relation to the metabolic clearance rate of estradiol. Hotchkiss J. **J Clin Endocrinol Metab** 1985 Apr;60(4):786-92

Oestradiol and somatomedin-C influence body weight patterns in premenarchial rhesus monkeys housed outdoors. Wilson ME, et al. **J Endocrinol** 1984 Sep;102(3):311-7

IMMUNOLOGY

Persistence of tick-borne encephalitis virus in monkeys. VII. Some features of the immune response. Pogodina VV, et al. **Acta Virol (Praha)** 1984 Sep;28(5):407-15

Subcutaneous fibromatosis associated with an acquired immune deficiency syndrome in pig-tailed macaques. Tsai CC, et al. **Am J Pathol** 1985 Jul;120(1):30-7

Possible effects of early separation experiences on subsequent immune function in adult macaque monkeys. Laudenslager M, et al. **Am J Psychiatry** 1985 Jul;142(7):862-4

Wild Malaysian cynomolgus monkeys are exposed to hepatitis A virus. Burke DS, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):940-4

An acquired immune deficiency syndrome of macaque monkeys. Letvin NL, et al. **Ann NY Acad Sci** 1984; 437:121-30

The major histocompatibility complex of the cynomolgus monkey: absorption analysis of 24 CyLA antisera. Keever CA, et al. **Hum Immunol** 1985 Feb;12(2):75-90

Antigen-specific non-immunoglobulin 'antibody'-like molecules in rhesus monkey serum. Ravindran B, et al. **Immunol Lett** 1984;8(4):179-82

Response of monkeys to porcine zona pellucida as detected by a solid-phase radioimmunoassay. Gulyas BJ, et al. **J Med Primatol** 1983;12(6):331-42

Absence of naturally acquired tetanus antitoxin in the free-ranging Cayo Santiago rhesus monkeys (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1984; 13(6):353-7

Stimulation of cynomolgus peripheral blood lymphocytes with tetanus toxoid and smallpox vaccine. Loggen HG, et al. **J Med Primatol** 1983;12(4):192-200

Alloimmune hemagglutinating antibodies in cynomolgus monkeys. Terao K, et al. **Jpn J Med Sci Biol** 1984 Oct-Dec; 37(5-6):257-61

Suppressor macrophages in lymphocyte proliferation of cynomolgus monkeys. Tatsumi M. **Microbiol Immunol** 1984;28(6):703-14

Effects of monoclonal anti-lymphocyte antibodies in vivo in monkeys and humans. Hale G, et al. **Mol Biol Med** 1983 Oct;1(3):321-34

Mononuclear phagocyte receptors in rhesus monkeys (Macaca mulatta) and their role in hemolytic disease of the newborn. Stong RC, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):101-17

METABOLISM

Brief decreases in dopamine result in surges of prolactin secretion in monkeys. Frawley LS, et al. **Am J Physiol** 1984 Dec;247(6 Pt 1):E778-80

An immunohistochemical characterization of rhesus monkey respiratory secretions using monoclonal antibodies. St. George JA, et al. **Am Rev Respir Dis** 1985 Sep; 132(3):556-63

Carbohydrate cytochemistry of rhesus monkey tracheal epithelium. St. George JA, et al. **Anat Rec** 1984 Oct; 210(2):293-302

Transport of horseradish peroxidase across monkey trophoblastic epithelium in coated and uncoated vesicles. Wilson JM, et al. **Anat Rec** 1985 Feb;211(2):174-83

Radioreceptor assay for cynomolgus monkey serum luteinizing hormone. Yoshida T, et al. **Endocrinol Jpn** 1984 Oct;31(5):665-73

Characterization of dopamine and estrogen interaction on primate prolactin secretion with pituitary cells cultured on extracellular matrix and with pituitary stalk-transected monkeys. Bethea CL. **Endocrinology** 1985 Mar; 116(3):863-72

Adenylate cyclase in the corpus luteum of the rhesus monkey. I. General properties and optimal assay conditions. Eyster KM, et al. **Endocrinology** 1985 Apr;116(4):1543-51

Adenylate cyclase in the corpus luteum of the rhesus monkey. II. Sensitivity to nucleotides, gonadotropins, catecholamines, and nonhormonal activators. Eyster KM, et al. **Endocrinology** 1985 Apr;116(4):1552-8

Electrophysiological manifestation of luteinizing hormone-releasing hormone pulse generator activity in the rhesus monkey: influence of alpha-adrenergic and dopaminergic blocking agents. Kaufman JM, et al. **Endocrinology** 1985 Apr;116(4):1327-33

Meperidine and normeperidine metabolism in the rhesus monkey. Morrison JC, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):345-8

Placental transfer of phenylalanine in Macaca mulatta and Macaca fascicularis. Pueschel SM, et al. **J Med Primatol** 1983;12(5):256-61

Lipid composition of the peripheral nerves in malnutrition: an experimental study in young rhesus monkeys. Rana SV, et al. **J Med Primatol** 1984;13(4):205-17

Differences in the metabolism of MPTP in the rodent and primate parallel differences in sensitivity to its neurotoxic effects. Johannessen JN, et al. **Life Sci** 1985 Jan 21; 36(3):219-24

Effectiveness of aprotinin in blocking a hypotensive factor of pancreatic origin from the pig, dog and monkey. Traverso LW. **Resuscitation** 1985 Mar;12(4):271-7

The immunocytochemical location of two membrane-associated placental tissue proteins in human and cynomolgus monkey placentae. Inaba N, et al. **Tumour Biol** 1984;5(2):75-85

[Histochemical demonstration of proteins, lipids and polysaccharides in Japanese monkey oocytes] Niimura S, et al. **Jikken Dobutsu** 1985 Jan;34(1):73-6 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Characterization of simian viruses isolated from wild cynomolgus monkeys. Suzuki M, et al. **Acta Virol (Praha)** 1984 Jul;28(4):267-76

Human adult T-cell leukaemia virus is distinct from a similar isolate of Japanese monkeys. Yamamoto N, et al. **J Gen Virol** 1984 Dec;65 (Pt 12):2259-64

Utilization of chlorhexidine gluconate to evaluate a nonhuman primate skin-degerming model. Deuel DM, et al. **J Med Primatol** 1984;13(2):105-16

Spontaneous nocardiosis with brain abscess caused by Nocardia asteroides in a cynomolgus monkey. Sakakibara I, et al. **J Med Primatol** 1984;13(2):89-95

Retrovirus D/New England and its relation to Mason-Pfizer monkey virus. Desrosiers RC, et al. **J Virol** 1985 May; 54(2):552-60

Isolation of T-cell tropic HTLV-III-like retrovirus from macaques. Daniel MD, et al. **Science** 1985 Jun 7; 228(4704):1201-4

Serologic identification and characterization of a macaque T-lymphotropic retrovirus closely related to HTLV-III. Kanki PJ, et al. **Science** 1985 Jun 7;228(4704):1199-201

[Intestinal microflora of monkeys, normal and in pathology, and its correction by preparations of live bacteria from human biocenosis (coli bacteria, bifikol and bifidum bacterin)] Dzhikidze EK, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):44-8 (Eng. Abstr.) **(Rus)**

[Biological properties and ecological variants of Staphylococcus aureus strains isolated from Macaca rhesus monkeys] Trots AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):21-5 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

Effects of FPL 55712, ETYA and aminophylline upon Ascaris-induced bronchoconstriction in cynomolgus monkeys. Mielens ZE, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):368-74

Intestinal parasites of the free-ranging Cayo Santiago rhesus monkeys (Macaca mulatta). Kessler MJ, et al. **J Med Primatol** 1984;13(2):57-66

Trypanosoma lucknowi, a new species of trypanosome from Macaca mulatta with observations on its fine structure. Weinman D, et al. **J Protozool** 1984 Aug;31(3):429-33

The macaque monkey as an experimental paratenic host for Paragonimus westermani (Kerbert, 1878) Braun, 1899. Sugiyama H, et al. **Nippon Juigaku Zasshi** 1984 Jun; 46(3):345-56

PHYSIOLOGY

Mechanism of intraoral transport in macaques. Franks HA, et al. **Am J Phys Anthropol** 1984 Nov;65(3):275-82

Renal mechanoreceptors in nonhuman primates. Gilmore JP, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R202-7

Effect of stimulation of nucleus raphe dorsalis on carotid blood flow. I. The monkey. Goadsby PJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R257-62

Ovariectomy, social status, and atherosclerosis in cynomolgus monkeys. Adams MR, et al. **Arteriosclerosis** 1985 Mar-Apr; 5(2):192-200

Psychosocial influences on female 'protection' among cynomolgus macaques. Kaplan JR, et al. **Atherosclerosis** 1984 Dec;53(3):283-95

Changing frequency of pulsatile luteinizing hormone and progesterone secretion during the luteal phase of the menstrual cycle of rhesus monkeys. Ellinwood WE, et al. **Biol Reprod** 1984 Nov;31(4):714-22

Resumption of seasonal breeding patterns in male and female rhesus monkeys transferred from an indoor to an outdoor environment. Herndon JG, et al. **Biol Reprod** 1985 May; 32(4):733-44

Sexual deprivation and its influence on testosterone levels and sexual behavior of old and middle-aged rhesus males. Pheonix CH, et al. **Biol Reprod** 1984 Oct;31(3):480-6

Impairments of visual object transforms in monkeys. Weiskrantz L, et al. **Brain** 1984 Dec;107 (Pt 4):1033-72

Development of tactile discrimination capacity in Macaca mulatta. I. Normal infants. Carlson M. **Brain Res** 1984 Sep; 318(1):69-82

Development of tactile discrimination capacity in Macaca mulatta. II. Effects of partial removal of primary somatic sensory cortex (SmI) in infants and juveniles. Carlson M. **Brain Res** 1984 Sep;318(1):83-101

Development of tactile discrimination capacity in Macaca mulatta. III. Effects of total removal of primary somatic sensory cortex (SmI) in infants and juveniles. Carlson M. **Brain Res** 1984 Sep;318(1):103-17

Projections from the functional subdivisions of the frontal eye field to the superior colliculus in the monkey. Komatsu H, et al. **Brain Res** 1985 Feb 18;327(1-2):324-7

The effects of hypothermia on the latencies of the auditory brain-stem response (ABR) in the rhesus monkey. Doyle WJ, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar; 60(3):258-66

A study of the role of the postnatal testes in determining the ontogeny of gonadotropin secretion in the male rhesus monkey (Macaca mulatta). Plant TM. **Endocrinology** 1985 Apr;116(4):1341-50

Posterior hypothalamic lesions advance the onset of puberty in the female rhesus monkey. Terasawa E, et al. **Endocrinology** 1984 Dec;115(6):2241-50

Gonadal status influences developmental patterns of serum prolactin in female rhesus monkeys housed outdoors. Wilson ME, et al. **Endocrinology** 1985 Feb;116(2):640-5

An increase in single unit activity of the medial basal hypothalamus occurs during the progesterone-induced luteinizing hormone surge in the female rhesus monkey. Yeoman RR, et al. **Endocrinology** 1984 Dec;115(6):2445-52

Motor effects produced by stimulation of secondary somatosensory (SII) cortex in the monkey. Mori A, et al. **Exp Brain Res** 1985;58(3):440-2

A simultaneous contrast effect of steady remote surrounds on responses of cells in macaque lateral geniculate nucleus. Valberg A, et al. **Exp Brain Res** 1985;58(3):604-8

Age-related changes in the subiculum of Macaca mulatta: dendritic branching pattern. Uemura E. **Exp Neurol** 1985 Mar;87(3):412-27

Age-related changes in the subiculum of Macaca mulatta: synaptic density. Uemura E. **Exp Neurol** 1985 Mar; 87(3):403-11

Further evidence for the role of the caudate nucleus in programming motor and nonmotor behavior in Java monkeys. Vrijmoed-de Vries MC, et al. **Exp Neurol** 1985 Jan;87(1):58-75

Old age and its behavioral manifestations: a study on two species of macaque. Hauser MD, et al. **Folia Primatol (Basel)** 1984;43(1):24-35

Female reproductive characteristics in semifree-ranging Barbary macaques (Macaca sylvanus L. 1758). Küster J, et al. **Folia Primatol (Basel)** 1984;43(2-3):69-83

Interbirth intervals in a captive group of Japanese macaques. Scucchi S. **Folia Primatol (Basel)** 1984;42(3-4):203-8

The role of nongonadal restraint of gonadotropin secretion in the delay of the onset of puberty in the rhesus monkey (Macaca mulatta). Plant TM, et al. **J Anim Sci** 1982;55 Suppl 2:43-55

Cortical projections to the superior colliculus in the macaque monkey: a retrograde study using horseradish peroxidase. Fries W. **J Comp Neurol** 1984 Nov 20;230(1):55-76

Inhibitory effects on steroid production from isolated adrenal cells of rhesus monkey (Macaca mulatta) of pro-opiomelanocorticotrophic peptides. Roebuck MM, et al. **J Dev Physiol** 1985 Feb;7(1):63-72

Relationship between fetal position and stillbirth in the cynomolgus monkeys (Macaca fascicularis): retrospective analysis. Cho F, et al. **J Med Primatol** 1985;14(3):169-74

Autonomic control of heart rate in the neonatal rhesus monkey. Goldberg JM, et al. **J Med Primatol** 1985; 14(1):19-27

Blood pressure values in Macaca fascicularis. Hartley LH, et al. **J Med Primatol** 1984;13(4):183-9

Hemodynamic and endocrine parameters in the anesthetized cynomolgus monkey: a primate model. Udelsman R, et al. **J Med Primatol** 1984;13(6):327-38

The complete pattern of ocular dominance stripes in the striate cortex and visual field of the macaque monkey. LeVay S, et al. **J Neurosci** 1985 Feb;5(2):486-501

Flexor tendon repair in vitro: a comparative histologic study of the rabbit, chicken, dog, and monkey. Gelberman RH, et al. **J Orthop Res** 1984;2(1):39-48

An outbreak of Plasmodium inui malaria in a colony of diabetic rhesus monkeys. Schofield LD, et al. **Lab Anim Sci** 1985 Apr;35(2):167-8

Normal serum biochemical, hematological, and EKG parameters in anesthetized adult male Macaca fascicularis and Macaca arctoides. Verlangieri AJ, et al. **Lab Anim Sci** 1985 Feb;35(1):63-6

Dose-response relationship of gamma-ray-induced reciprocal translocations at low doses in spermatogonia of the crab-eating monkey (Macaca fascicularis). Matsuda Y, et al. **Mutat Res** 1985 Aug;151(1):121-7

Segregation of pathways leading from area V2 to areas V4 and V5 of macaque monkey visual cortex. Shipp S, et al. **Nature** 1985 May 23-29;315(6017):322-5

The primate as a model for the human temperature-sensing system: 2. Area of skin receiving thermal stimulation (spatial summation). Greenspan JD, et al. **Somatosens Res** 1985;2(4):315-24

The primate as a model for the human temperature-sensing system: 1. Adapting temperature and intensity of thermal stimuli. Rózsa AJ, et al. **Somatosens Res** 1985;2(4):303-14

Accommodative range in amblyopic monkeys (Macaca nemestrina). Kiorpes L, et al. **Vision Res** 1984; 24(12):1829-34

[Results of echocardiographic studies of Macaca mulatta monkeys at rest] Kazakova RT, et al. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):81-4 **(Rus)**

SURGERY

Percutaneous trephine biopsy of the vertebral body in the rhesus monkey (Macaca mulatta). Hermann LM, et al. **Am J Vet Res** 1985 Jun;46(6):1403-7

A method of thymectomy in macaques. Healy DL, et al. **J Med Primatol** 1983;12(2):89-100

Implanted cochlear prosthesis analogue in primates. Balkany TJ, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug; 88(4):477-85

Functional properties of palmaris longus muscles of rhesus monkeys transplanted as index finger flexors. Markley JM Jr, et al. **Plast Reconstr Surg** 1985 Oct;76(4):574-9

URINE

Characterization of the estrogenic properties of a nonsteroidal estrogen, equol, extracted from urine of pregnant macaques. Thompson MA, et al. **Biol Reprod** 1984 Nov;31(4):705-13

MACACA FASCICULARIS see under **MACACA**

MACACA MULATTA see under **MACACA**

MACACA NEMESTRINA see under **MACACA**

MACACA RADIATA see under **MACACA**

MACAQUE see **MACACA**

MACE see **CHLOROACETOPHENONE**

MACHIAVELLIANISM see under **PERSONALITY**

MACROGLOBULINEMIA

Waldenström's macroglobulinaemia [editorial] **Lancet** 1985 Aug 10;2(8450):311-2

BLOOD

Plasmapheresis and cold sensitivity of immunoglobulin molecules. I. A study of hyperviscosity, cryoglobulinemia, euglobulinemia and macroglobulinemia vera. Waldenström JG, et al. **Acta Med Scand** 1984;216(5):449-66

Artefactual decrease in total protein concentration in patients with monoclonal gammopathies: a method-dependent error. Whitlow KJ, et al. **Clin Biochem** 1984 Aug;17(4):233-5

Evidence for the biclonal nature of a Waldenstrom's macroglobulinemia. Bonewald L, et al. **Clin Chim Acta** 1985 Feb 28;146(1):53-63

[A case of leukemic macroglobulinemia associated with diffuse osteolytic lesions] Inagaki Y, et al. **Rinsho Ketsueki** 1985 Jan;26(1):47-51 (Eng. Abstr.) **(Jpn)**

[Plasmapheresis and hyperviscosity syndrome] Corral Alonso M, et al. **Sangre (Barc)** 1984;29(5):940-50 **(Spa)**

COMPLICATIONS

Acute renal failure in primary macroglobulinemia with small-molecule IgM. Matsumoto J, et al. **Arch Intern Med** 1985 May;145(5):929-31

Rapidly progressive ('crescentic') glomerulonephritis and monoclonal gammapathies. Meyrier A, et al. **Nephron** 1984;38(3):156-62

[Association of Waldenstrom's disease and Guillain Barré syndrome (letter)] Taillan B, et al. **Presse Med** 1985 Apr 13;14(15):844 **(Fre)**

[Anterior horn syndrome (spinal muscular atrophy) in Waldenström's disease] Kiehl U, et al. **Z Arztl Fortbild (Jena)** 1984;78(22):963-4 **(Ger)**

[Pemphigus induced by monoclonal IgM with anti-IgG antibody activity in a case of Waldenström's macroglobulinemia] Bernengo MG, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):55-60 (Eng. Abstr.) **(Ita)**

[B lymphoproliferative syndrome with characteristics common to chronic lymphatic leukemia, Waldenström disease and plasmacytic leukemia] Tosato F, et al. **Minerva Med** 1984 Nov 17;75(44):2691-4 (Eng. Abstr.) **(Ita)**

[A case of macroglobulinemia with pyroglobulin] Yashige H, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1803-8 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Monoclonal antibodies and the immunodiagnosis of plasma-cellular malignancies. Haaijman JJ. **Neth J Med** 1985;28(3):102-7

A case of 'acute' Waldenström's macroglobulinemia. Malý J, et al. **Sb Ved Pr Lek Fak Univ Karlovy** 1983;26(2):165-73

[Renal amyloidosis disclosing Waldenström's macroglobulinemia (letter)] Meyer C, et al. **Presse Med** 1984 Sep 29;13(33):2020-1 **(Fre)**

DRUG THERAPY

[Diagnosis and treatment of Waldenstrom's macroglobulinemia: 4 case reports] Lu SF, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Jun;24(6):358-9, 382-3 (Eng. Abstr.) **(Chi)**

[A case of primary macroglobulinemia responded to actinomycin D and aclacinomycin A] Toyokawa Y, et al. **Rinsho Ketsueki** 1984 Aug;25(8):1239-43 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

[Case of macroglobulinemia Waldenström associated with prostatic cancer] Nakano M, et al. **Rinsho Ketsueki** 1984 Jul;25(7):1090-6 (Eng. Abstr.) **(Jpn)**

HISTORY

Waldenström's macroglobulinemia--40th anniversary. Böttiger LE. **Acta Med Scand** 1984;216(5):433-4

IMMUNOLOGY

Plasmapheresis and cold sensitivity of immunoglobulin molecules. II. A study of macroglobulinemia polyclonalis spuria and immune complex disease. Waldenström JG. **Acta Med Scand** 1984;216(5):467-74

Polyneuropathy in Waldenström's macroglobulinaemia: reduction of endoneurial IgM-deposits after treatment with chlorambucil and plasmapheresis. Meier C, et al. **Acta Neuropathol (Berl)** 1984;64(4):297-307

Monoclonal IgM-secreting neoplasms. Clinical and morphologic heterogeneity. Nakamine H, et al. **Acta Pathol Jpn** 1984 Sep;34(5):1147-56

Neuropathy and anti-myelin-associated glycoprotein IgM M proteins: T cell regulation of M protein secretion in vitro. Latov N, et al. **Ann Neurol** 1985 Aug;18(2):182-8

Structural basis of the heterogeneity of asparagine-linked oligosaccharides of a Waldenstrom's macroglobulinemia immunoglobulin M. Cahour A, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):188-96

Effect of chemical modification on the cryoprecipitation of monoclonal human cryoglobulin M. Kosarev IV, et al. **Biochim Biophys Acta** 1984 Oct 23;790(2):125-31

B-cell activation in human plasma cell dyscrasias. Levinson AI, et al. **Br J Haematol** 1985 Jul;60(3):437-48

Monoclonal IgM with anti-muscle tissue activity in a patient with Waldenström's macroglobulinaemia: secretion of identical immunoglobulin by the established lymphoid cell line. Micouin C, et al. **Clin Exp Immunol** 1984 Dec;58(3):677-84

Antibody activity against intermediate filaments in Waldenström macroglobulinemia. Tousco F, et al. **Haematologica (Pavia)** 1985 Mar-Apr;70(2):106-9

Serum anti-lipid A antibodies in multiple myeloma and Waldenström's macroglobulinaemia. Fink PC, et al. **Immunobiology** 1985 Feb;169(1):1-10

Antibody-mediated killing of suppressor T lymphocytes as a possible cause of macroglobulinemia in the tropical splenomegaly syndrome. Piessens WF, et al. **J Clin Invest** 1985 Jun;75(6):1821-7

Immunochemical similarities between monoclonal antibacterial Waldenstrom's macroglobulins and monoclonal anti-DNA lupus autoantibodies. Naparstek Y, et al. **J Exp Med** 1985 Jun 1;161(6):1525-38

Reactivity of sera and isolated monoclonal IgM from patients with Waldenström's macroglobulinaemia with peripheral nerve myelin. Harbs H, et al. **J Neurol** 1985;232(1):43-8

Waldenström's macroglobulinemia and peripheral neuropathy: deposition of M-component and kappa light chain in the endoneurium. Vital C, et al. **Neurology** 1985 Apr;35(4):603-6

[Production of the leukocyte inhibitory factor (LIF) by peripheral blood lymphocytes in vitro and LIF-like plasma activity in paraproteinemic patients] Puppo F, et al. **Haematologica (Pavia)** 1984 Jul-Aug;69(4):394-402 (Eng. Abstr.) **(Ita)**

[Activity of natural killers in monoclonal gammapathies] Pozdniakova LV, et al. **Gematol Transfuziol** 1985 Jun;30(6):26-9 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Two cases of pulmonary Waldenström's macroglobulinemia. Kobayashi H, et al. **Chest** 1985 Aug;88(2):297-9

[Intestinal involvement and exudative enteropathy in Waldenström's macroglobulinemia] Hoang C, et al. **Gastroenterol Clin Biol** 1985 May;9(5):444-8 (Eng. Abstr.) **(Fre)**

[Monoclonal gammopathies in the aged] Di Diego E, et al. **Minerva Med** 1985 Jun 8;76(24):1129-36 (Eng. Abstr.) **(Ita)**

THERAPY

Plasmapheresis in hyperviscosity syndrome. Avnstorp C, et al. **Acta Med Scand** 1985;217(1):133-7

Treatment of plasma cell neoplasm with recombinant leukocyte A interferon and human lymphoblastoid interferon. Ohno R, et al. **Cancer Chemother Pharmacol** 1985;14(1):34-7

Efficacy of discontinuous flow centrifugation compared with cascade filtration in Waldenstrom's macroglobulinemia: a pilot study. Valbonesi M, et al. **Int J Artif Organs** 1985 May;8(3):165-8

[A study of plasmapheresis in a case of primary macroglobulinemia associated with intraventricular hemorrhage] Fujii H. **Rinsho Ketsueki** 1984 Sep;25(9):1466-72 (Eng. Abstr.) **(Jpn)**

[Clinical study on the effect of human lymphoblastoid interferon in B-cell malignancies] Takeyama H, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1921-7 (Eng. Abstr.) **(Jpn)**

MACROGLOBULINS

METABOLISM

Comparison of the binding of chicken alpha-macroglobulin and ovomacroglobulin to the mammalian alpha 2-macroglobulin receptor. Feldman SR, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):267-75

MACROGLOSSIA

BLOOD

[Somatomedin activity in Wiedemann-Beckwith syndrome] Weninger M, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):900-3 (Eng. Abstr.) **(Ger)**

COMPLICATIONS

Sleep apnea in amyloidosis. Carbone JE, et al. **Chest** 1985 Mar;87(3):401-3

DIAGNOSIS

Macroglossia. An unusual presentation of pemphigus vulgaris. Milgraum SS, et al. **Arch Dermatol** 1985 Oct;121(10):1328-9

ETIOLOGY

A case report of lingual lymphangioma presenting as recurrent massive tongue enlargement. Rice JP, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):47-50

Postoperative macroglossia causing airway obstruction. Denneny JC 3d. **Int J Pediatr Otorhinolaryngol** 1985 Jul;9(2):189-94

[Lingual vascular malformations, their consequences on the growth of the inferior facial plane. The integration of orthodontic embolization] Lasjaunias P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):99-102 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Oral and dental development in X chromosome aneuploidy. Farge P, et al. **Clin Genet** 1985 Feb;27(2):122-6

PATHOLOGY

[Macroglossia in apparently primary amyloidosis] Perpoint B, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):493-6 (Eng. Abstr.) **(Fre)**

[Macroglossia in a nursing infant with Beckwith-Wiedemann syndrome. Description of a case] Ruffino S, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):85-90 (Eng. Abstr.) **(Ita)**

SURGERY

Orthodontic treatment and tongue surgery in a class III open-bite malocclusion. A case report. Ruff RM. **Angle Orthod** 1985 Apr;55(2):155-66

Early tongue resection for Beckwith-Wiedemann macroglossia. Kveim M, et al. **Ann Plast Surg** 1985 Feb;14(2):142-4

Macroglossia: etiologic considerations and management techniques. Rizer FM, et al. **Int J Pediatr Otorhinolaryngol** 1985 Mar;8(3):225-36

Macroglossia as a presentation of the Beckwith-Wiedemann syndrome. McManamny DS, et al. **Plast Reconstr Surg** 1985 Feb;75(2):170-6

[Reduction glossoplasty in macroglossia. Indications, technic, results] Schmoker R. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):493-506 (Eng. Abstr.) **(Ger)**

MACROGOLS see **POLYETHYLENE GLYCOLS**

MACROMOLECULAR SYSTEMS

see related
POLYMERS

Macromolecular structure and specificity: computer-assisted modeling and applications. **Ann NY Acad Sci** 1985;439:1-209

Macromolecules as drugs and as carriers for biologically active materials. **Ann NY Acad Sci** 1985;446:1-458

Diffusion-controlled macromolecular interactions. Berg OG, et al. **Annu Rev Biophys Biophys Chem** 1985;14:131-60 (96 ref.)

Computer graphics of large macromolecules. Milner-White EJ, et al. **Biochem Soc Trans** 1985 Aug;13(4):793-5

Orientation constraints in diffusion-limited macromolecular association. The role of surface diffusion as a rate-enhancing mechanism. Berg OG. **Biophys J** 1985 Jan;47(1):1-14

Kinetics of nucleation-controlled polymerization. A perturbation treatment for use with a secondary pathway. Bishop MF, et al. **Biophys J** 1984 Nov;46(5):631-44

Intramolecular dynamics of chain molecules monitored by fluctuations in efficiency of excitation energy transfer. A theoretical study. Haas E, et al. **Biophys J** 1984 Oct;46(4):429-37

Variational calculation of the normal modes of a large macromolecule: methods and some initial results. Harrison RW. **Biopolymers** 1984 Dec;23(12):2943-9

Enzyme diffusion and action on soluble and insoluble substrate biopolymers. Katchalski-Katzir E, et al. **Biopolymers** 1985 Jan;24(1):257-77

Physical properties of rod-shaped molecules in solution. Stimpson DI, et al. **Biopolymers** 1985 Feb;24(2):387-402

Viscoelasticity of rigid macromolecules with irregular shapes in the limit of overwhelming Brownian motion. Wegener WA. **Biopolymers** 1984 Nov;23(11 Pt 1):2243-78

Studies of rheologically active biological macromolecules by quasielastic light scattering. Steiner CA, et al. **Biorheology** 1984;Suppl 1:335–46

How can quantum mechanics of material evolution be possible? Symmetry and symmetry-breaking in protobiological evolution. Matsuno K. **Biosystems** 1985; 17(3):179–92

No detectable reaction of the anion radical metabolite of nitrofurans with reduced glutathione or macro-molecules. Polnaszek CF, et al. **Chem Biol Interact** 1984 Oct; 51(3):263–71

The regulation of basement membrane formation and cell-matrix interactions by defined supramolecular complexes. Martin GR, et al. **Ciba Found Symp** 1984; 108:197–212 (3 ref.)

Macromolecular transport in the fetal rat intestine. Colony PC, et al. **Gastroenterology** 1985 Aug;89(2):294–306

Cyanopyrazoles as analogs of purine precursors—II. Effects on macromolecular synthesis and cell cycle progression. Grancharov KC, et al. **Int J Biochem** 1985;17(5):619–24

A practical, high-resolution, microcomputer-based method for the analysis of relaxation data exhibiting multicomponent exponential decays. Mikkelsen A, et al. **Int J Biomed Comput** 1985 Jan;16(1):35–57

A method for cooperative or noncooperative binding studies using nonlinear regression analysis on a microcomputer. Vindimian E, et al. **J Appl Biochem** 1983 Aug–Oct; 5(4–5):261–8

Capillary transport of macromolecules: pores and other endothelial pathways. Renkin EM. **J Appl Physiol** 1985 Feb;58(2):315–25

Circular dichroism and its empirical application to biopolymers. Johnson WC Jr. **Methods Biochem Anal** 1985; 31:61–163 (100 ref.)

Biomolecular dynamics. A report from a workshop in Gysinge, Sweden, October 4–7, 1982. Edholm O, et al. **Q Rev Biophys** 1984 May;17(2):125–51 (47 ref.)

Linkage graphs: a study in the thermodynamics of macromolecules. Wyman J. **Q Rev Biophys** 1984 Nov; 17(4):453–88 (24 ref.)

An HVEM for high resolution low-dose studies of biomacromolecules. Pawley J. **Ultramicroscopy** 1984; 13(4):387–405

[Current status of macromolecular substance for medical use] Ikada Y. **Nippon Rinsho** 1984 Oct;42(10):2375–84 **(Jpn)**

[Effect of biopolymers on the properties of water as a factor in the organization of histohematic barriers] Zaslavskiĭ BIu, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1163–6 **(Rus)**

[Conformation characteristics of biopolymers] Varshavskiĭ IaM. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):230–47 (79 ref.) (Eng. Abstr.) **(Rus)**

[Biopolymers and evolution] Vol'kenshtein MV. **Mol Biol (Mosk)** 1985 Jan–Feb;19(1):55–66 (61 ref.) (Eng. Abstr.) **(Rus)**

[International symposium: Structure and function of biological macromolecules. Abstracts] **Arch Biol Med Exp (Santiago)** 1983 Dec;16(3–4):361–79 **(Spa)**

ISOLATION & PURIFICATION

[Isolation and properties of a nonspecific adhesive factor from the blood serum of warm-blooded animals and man] Reznikova MM, et al. **Zh Obshch Biol** 1985 May–Jun; 46(3):389–400 (Eng. Abstr.) **(Rus)**

MACROPHAGE ACTIVATION

Macrophage activation in mice infected with Mycobacterium lepraemurium. Brett SJ. **Acta Leprol (Geneve)** 1984 Oct–Dec;(95):379–86

Effect of gamma interferon on spreading of mouse peritoneal macrophages on solid surfaces. Kjeldsberg E, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):165–70

The cell biology of tumor cell capture by activated macrophages. Adams DO, et al. **Adv Exp Med Biol** 1985; 184:65–74 (20 ref.)

Transcobalamin II: a marker for macrophage/histiocyte proliferation. Fehr J, et al. **Am J Clin Pathol** 1985 Sep; 84(3):291–6

Heterogeneity of immunologic function among subfractions of normal rat alveolar macrophages. II. Activation as a determinant of functional activity. Shellito J, et al. **Am Rev Respir Dis** 1985 May;131(5):678–83

Iron depletion: possible cause of tumor cell cytotoxicity induced by activated macrophages. Hibbs JB Jr, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):716–23

Desensitization to PAF-induced bronchoconstriction and to activation of alveolar macrophages by repeated inhalations of PAF in the guinea pig. Maridonneau-Parini I, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):42–9

Ganglioside alterations in stimulated murine macrophages. Yohe HC, et al. **Biochim Biophys Acta** 1985 Aug 8; 818(1):81–6

Effect of macrophage inactivation on the neuropathology of lysolecithin-induced demyelination. Triarhou LC, et al. **Br J Exp Pathol** 1985 Jun;66(3):293–301

Activation by a new synthetic acyltripeptide and its analogs entrapped in liposomes of rat alveolar macrophages to the tumor cytotoxic state. Sone S, et al. **Cancer Immunol Immunother** 1984;18(3):169–73

Activation of alveolar macrophage tumoricidal activity and eradication of experimental metastases by freeze-dried liposomes containing a new lipophilic muramyl dipeptide derivative. Phillips NC, et al. **Cancer Res** 1985 Jan; 45(1):128–34

Disappearance and reappearance of resident macrophages: importance in C. parvum-induced tumoricidal activity. Haskill S, et al. **Cell Immunol** 1985 Jan;90(1):179–89

Rejection of murine ovarian cancer following treatment with regional immunotherapy: correlations with a neutrophil-mediated activation of cytostatic macrophages. Lichtenstein A. **Cell Immunol** 1985 Sep;94(2):521–35

Macrophage procoagulant-inducing activity of influenza-specific effector T cells. Schiltknecht E, et al. **Cell Immunol** 1984 Dec;89(2):342–54

Antigens associated with the activation of murine mononuclear phagocytes in vivo: differential expression of lymphocyte function-associated antigen in the several stages of development. Strassmann G, et al. **Cell Immunol** 1985 Aug;94(1):265–75

Stimulus-permeability coupling in rat pulmonary macrophages challenged by Pseudomonas aeruginosa. An X-ray microanalysis study. Smith NK, et al. **Cell Tissue Res** 1985;240(2):461–5

Enhanced release of reactive oxygen intermediates by immunologically activated rat Kupffer cells. Matsuo S, et al. **Clin Exp Immunol** 1985 Jan;59(1):203–9

I-A restricted activation by T cell lines of anti-tuberculosis activity in murine macrophages. Rook GA, et al. **Clin Exp Immunol** 1985 Feb;59(2):414–20

Binding, endocytosis, and degradation of model immune complexes by murine macrophages at various levels of activation. Finbloom DS. **Clin Immunol Immunopathol** 1985 Sep;36(3):275–88

Asbestos-activated peritoneal macrophages release a factor(s) which inhibits lymphocyte mitogenesis. Donaldson K, et al. **Environ Res** 1984 Oct;35(1):104–14

Purine nucleotide metabolism in resident and activated rat macrophages in vitro. Barankiewicz J, et al. **Eur J Immunol** 1985 Jun;15(6):627–31

Macrophage antitumor activity: impaired responsiveness to interferon-gamma of macrophages from genetically defective mice. Boraschi D, et al. **Eur J Immunol** 1984 Nov;14(11):1061–3

Activation of macrophage tumor cytotoxicity by the synergism of two T cell-derived lymphokines: immune interferon (IFN-gamma) and macrophage cytotoxicity-inducing factor 2 (MCIF2). Hamann U, et al. **Eur J Immunol** 1985 Jan;15(1):18–24

Studies on the mechanism of macrophage cytotoxicity. Zippel D. **Exp Pathol** 1985;27(1):3–15

Activation of murine macrophage-like cell line J774.1 by Sarcophaga peregrina lectin. Itoh A, et al. **Gann** 1984 Aug; 75(8):714–23

Regulation of procoagulant factors in mononuclear phagocytes. Dean RT, et al. **Haemostasis** 1984;14(5):412–21 (43 ref.)

Characterization of lymphokine-mediated activation of macrophages for antigen presentation: studies with long-term cultured bone marrow-derived macrophages and cloned T cells. Fischer HG, et al. **Immunobiology** 1984 Dec;168(3–5):232–45

Binding characteristics of fluoresceinated Lotus tetragonolobus fucolectin to macrophage populations which are either responsive or refractory to activation by lymphokine. Leu RW, et al. **Immunobiology** 1985 Apr; 169(3):272–9

Characterization of Lotus tetragonolobus fucolectin components for differences in hemagglutinating and macrophage activating activities. Leu RW, et al. **Immunobiology** 1985 Apr;169(3):250–62

Extracellular cytolysis by activated macrophages: studies with macrophages on permeable membranes. Philippeaux MM, et al. **Immunobiology** 1984 Oct;167(4):301–17

Activation of mouse macrophages causes no change in expression and function of phorbol diesters' receptors, but is accompanied by alterations in the activity and kinetic parameters of NADPH oxidase. Berton G, et al. **Immunology** 1985 Feb;54(2):371–9

Cell surface antigens on the guinea-pig macrophage: identification by monoclonal antibodies and association with the activation state. Mauer-Gross U, et al. **Immunology** 1985 Jul;55(3):519–30

Activation of non-specific cytotoxic cells in Listeria-susceptible and -resistant mouse strains. Wood P, et al. **Immunology** 1985 Jan;54(1):113–9

Fc receptor-mediated desensitization of superoxide (O2-) generation response of guinea-pig macrophages and polymorphonuclear leucocytes. Yagawa K, et al. **Immunology** 1985 Aug;55(4):629–38

Enhanced superoxide release and tumoricidal activity by a postlavage, in situ pulmonary macrophage population in response to activation by Mycobacterium bovis BCG exposure. Drath DB. **Infect Immun** 1985 Jul;49(1):72–5

Protective effect of Lactobacillus casei on Pseudomonas aeruginosa infection in mice. Miake S, et al. **Infect Immun** 1985 May;48(2):480–5

Activation of mouse peritoneal adherent cells with N-acyl muramyl dipeptide derivatives. Nishimura K, et al. **Infect Immun** 1985 Mar;47(3):665–9

Suppression of cellular immunity to Listeria monocytogenes by activated macrophages: mediation by prostaglandins. Petit JC, et al. **Infect Immun** 1985 Aug;49(2):383–8

Lymphokine activation of J774G8 cells and mouse peritoneal macrophages challenged with Toxoplasma gondii. Sibley LD, et al. **Infect Immun** 1985 Sep;49(3):760–4

Production of macrophage-activating and migration-inhibition factors in vitro by serologically selected and cloned Listeria monocytogenes-specific T cells of the Lyt 1+2- phenotype. Sperling U, et al. **Infect Immun** 1984 Oct;46(1):111–5

Macrophage activation and induction of macrophage cytotoxicity by purified polysaccharide fractions from the plant Echinacea purpurea. Stimpel M, et al. **Infect Immun** 1984 Dec;46(3):845–9

Activation of neonatal and adult human macrophages by alpha, beta, and gamma interferons. Wilson CB, et al. **Infect Immun** 1985 Aug;49(2):351–6

Different mechanisms of macrophage activation with guinea pig macrophage activation factor, lipopolysaccharide and muramyl dipeptide. Onozaki K, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):296–301

Modulation of the growth of murine thymoma cell lines having different Lyt-phenotypes by MDP and MDP(D-D): macrophage-mediated inhibition of in vitro cell growth. Phillips NC, et al. **Int J Immunopharmacol** 1984;6(6):577–85

Activation of neutrophils and monocytes after allergen- and histamine-induced bronchoconstriction. Carroll MP, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):290–6

Human macrophage activation. Modulation of mannosyl, fucosyl receptor activity in vitro by lymphokines, gamma and alpha interferons, and dexamethasone. Mokoena T, et al. **J Clin Invest** 1985 Feb;75(2):624–31

Interaction of human leukocytes and Entamoeba histolytica. Killing of virulent amebae by the activated macrophage. Salata RA, et al. **J Clin Invest** 1985 Aug;76(2):491–9

Thromboxane synthase is preferentially conserved in activated mouse peritoneal macrophages. Tripp CS, et al. **J Clin Invest** 1985 Aug;76(2):898–901

Activation of monocyte-mediated tumoricidal activity in patients with acquired immunodeficiency syndrome. Kleinerman ES, et al. **J Clin Oncol** 1985 Jul;3(7):1005–12

Purification of cachectin, a lipoprotein lipase-suppressing hormone secreted by endotoxin-induced RAW 264.7 cells. Beutler B, et al. **J Exp Med** 1985 May 1;161(5):984–95

Augmentation of macrophage complement receptor function in vitro. IV. The lymphokine that activates macrophage C3 receptors for phagocytosis binds to a fucose-bearing glycoprotein on the macrophage plasma membrane. Griffin FM Jr, et al. **J Exp Med** 1984 Oct 1;160(4):1206–18

Glycolipids of the mouse peritoneal macrophage. Alterations in amount and surface exposure of specific glycolipid species occur in response to inflammation and tumoricidal activation. Mercurio AM, et al. **J Exp Med** 1984 Oct 1; 160(4):1114–25

Analysis of human blood monocyte activation at the level of gene expression. Expression of alpha interferon genes during activation of human monocytes by poly IC/LC and muramyl dipeptide. Stevenson HC, et al. **J Exp Med** 1985 Mar 1;161(3):503–13

Factor B, the complement alternative pathway serine proteinase, is a major constitutive protein synthesized and secreted by resident and elicited mouse macrophages. Sundsmo JS, et al. **J Exp Med** 1985 Feb 1;161(2):306–22

Interferons as macrophage-activating factors. III. Preferential effects of interferon-gamma on the interleukin 1 secretory potential of fresh or aged human monocytes. Arenzana-Seisdedos F, et al. **J Immunol** 1985 Apr; 134(4):2444–8

Mouse immune interferon enhances fibronectin production of elicited macrophages. Cofano F, et al. **J Immunol** 1984 Dec;133(6):3102–6

Deactivation of guinea pig pulmonary alveolar macrophage responses to N-formyl-methionyl-leucyl-phenylalanine: chemotaxis, superoxide generation, and binding. Daughaday CC, et al. **J Immunol** 1985 Mar;134(3):1823–6

In vivo activity of lymphokine-activated macrophages in host defense against neoplasia. Fernandez-Cruz E, et al. **J Immunol** 1985 May;134(5):3489–96

Activation of rat and human alveolar macrophage intracellular microbicidal activity by a preformed LGL cytokine. Gomez J, et al. **J Immunol** 1985 Aug; 135(2):1194–200

Activated macrophages secrete a soluble factor that inhibits mitochondrial respiration of tumor cells. Kilbourn RG, et al. **J Immunol** 1984 Nov;133(5):2577–81

Binding of calmodulin to the microfilament network correlates with induction of a macrophage tumoricidal response. Mecham JO, et al. **J Immunol** 1985 May; 134(5):3516–23

Activation of mouse peritoneal macrophages alters the structure and surface expression of protein-bound lactosaminoglycans. Mercurio AM, et al. **J Immunol** 1985 Aug;135(2):1305–12

Activation of tissue macrophages from AIDS patients: in vitro response of AIDS alveolar macrophages to lymphokines and interferon-gamma. Murray HW, et al. **J Immunol** 1985 Oct;135(4):2374–7

Activation of mouse peritoneal macrophages in vitro and in vivo by interferon-gamma. Murray HW, et al. **J Immunol** 1985 Mar;134(3):1619–22

Macrophage activation to kill Leishmania tropica: characterization of P/J mouse macrophage defects for lymphokine-induced antimicrobial activities against

Leishmania tropica amastigotes. Nacy CA, et al. **J Immunol** 1984 Dec;133(6):3344-50

Studies on macrophage-activating factor (MAF) in antitumor immune responses. I. Tumor-specific Lyt-1+2- T cells are required for producing MAF able to generate cytolytic as well as cytostatic macrophages. Nakajima H, et al. **J Immunol** 1985 Sep;135(3):2199-205

Modulation of macrophage activation and resistance by suppressor T lymphocytes in chronic murine Schistosoma mansoni infection. Olds GR, et al. **J Immunol** 1984 Nov; 133(5):2720-4

Cell contact-mediated macrophage activation for antileishmanial defense. I. Lymphocyte effector mechanism that is contact dependent and noncytotoxic. Panosian CB, et al. **J Immunol** 1984 Dec;133(6):3358-65

Monoclonal antibodies to murine gamma-interferon which differentially modulate macrophage activation and antiviral activity. Schreiber RD, et al. **J Immunol** 1985 Mar; 134(3):1609-18

Studies on antigens associated with the activation of murine mononuclear phagocytes: kinetics of and requirements for induction of lymphocyte function-associated (LFA)-1 antigen in vitro. Strassmann G, et al. **J Immunol** 1985 Jul; 135(1):147-51

Cell contact-mediated macrophage activation for antileishmanial defense. II. Identification of effector cell phenotype and genetic restriction. Sypek JP, et al. **J Immunol** 1984 Dec;133(6):3351-7

Inhibition of macrophage C3b-mediated ingestion by syphilitic hamster T cell-enriched fractions. Tabor DR, et al. **J Immunol** 1984 Nov;133(5):2698-705

Imbalanced accumulation of ribosomal RNA in macrophages activated in vivo or in vitro to a cytolytic stage. Varesio L. **J Immunol** 1985 Feb;134(2):1262-7

Characterization of three monoclonal antibodies which induce and modulate superoxide anion generation in guinea pig macrophages. Yagawa K, et al. **J Immunol** 1985 Jun; 134(6):4107-11

A simple method for the solubilisation of reduced NBT, and its use as a colorimetric assay for activation of human macrophages by gamma-interferon. Rook GA, et al. **J Immunol Methods** 1985 Sep 3;82(1):161-7

Differential expression of macrophage effector functions: bactericidal versus tumoricidal activities. Campbell PA, et al. **J Leukocyte Biol** 1984 Sep;36(3):293-306

Relationships between oxidative metabolism, macrophage activation, and antilisterial activity. Godfrey RW, et al. **J Leukocyte Biol** 1984 Oct;36(4):533-43

Increased transglutaminase activity in elicited and activated macrophages: relationship to production of superoxide anion. Harris LK, et al. **J Leukocyte Biol** 1984 Dec; 36(6):719-27

The strain of mouse and assay conditions influence whether MuIFN-gamma primes or activates macrophages for tumor cell killing. Pace JL, et al. **J Leukocyte Biol** 1985 Apr; 37(4):475-9

Macrophage activation by Tetrahymena pyriformis. I. Active subcellular fractions of Tetrahymena. Makioka A, et al. **J Protozool** 1985 Feb;32(1):153-6

Inhibition of macrophage Ia antigen expression by shed plasma membrane vesicles from metastatic murine melanoma lines. Taylor DD, et al. **JNCI** 1985 Apr; 74(4):859-67

Prevention of tumor metastasis after surgical removal of primary tumor by using in vitro activated macrophages. Okuno K, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):87-94

Determination of the amounts of free arachidonic acid in resident and activated rabbit alveolar macrophages by fluorometric high performance liquid chromatography. Nakagawa Y, et al. **Lipids** 1985 Jul;20(7):482-7

Activation of tumoricidal properties in macrophages by lymphokines encapsulated in liposomes. Fidler IJ, et al. **Lymphokine Res** 1982;1(3):73-7

Interferon gamma: more than a MAF. Peters PM, et al. **Lymphokine Res** 1985 Summer;4(3):265-73

Some biochemical and functional characteristics of macrophages activated by Tetrahymena pyriformis. Makioka A, et al. **Microbiol Immunol** 1984;28(7):777-85

Activation of macrophages by lymphokines from T-cell clones: evidence for different macrophage-activating factors. Gemsa D, et al. **Mol Immunol** 1984 Dec; 21(12):1267-76

Evidence for macrophage activation in dialysis patients exposed to silicone filing. Bommer J, et al. **Nephron** 1985; 39(4):395-7

Specific absorption with monoclonal antibodies to muramyl dipeptide of the pyrogenic and somnogenic activities of rabbit monokine. Chedid L, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5888-91

Amplification by macrophages of prostaglandin-mediated immunosuppression in mice bearing syngeneic tumors. Plescia OJ, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):205-23

Heterogeneity of macrophage-activating factors (MAFs) and their effects in vivo. Krammer PH, et al. **Symp Fundam Cancer Res** 1984;37:193-7

Acid hydrolase distribution in sensitised and naive macrophages in vivo and in vitro. Pugh D, et al. **Z Mikrosk Anat Forsch** 1984;98(3):375-84

[Activation of murine peritoneal macrophages by natural Cordyceps sinensis and its cultured mycelia] Zhang SL. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):45-7, 5 (Eng. Abstr.) **(Chi)**

[Effect of C. parvum-activated macrophages on tumor cells: a microcinematographic study] Guo SY. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):140-3 (Eng. Abstr.) **(Chi)**

[T cell-activating monokines in guinea pigs. Physicochemical properties and some analysis of the action of the monokines] Taniyama T. **Fukuoka Igaku Zasshi** 1984 Jul;75(7):422-30 (Eng. Abstr.) **(Jpn)**

[Macrophages contained in the broncho-alveolar lavage fluid] Oshima S. **Kekkaku** 1985 Jan;60(1):48-50 **(Jpn)**

[Macrophage activation and differentiation in infection of tubercle bacilli] Tanaka A. **Kekkaku** 1985 Jan;60(1):40-3 **(Jpn)**

[Ultrastructural characteristics of macrophage transformation in foam cells in in vitro experiments] Nagornev VA, et al. **Biull Eksp Biol Med** 1985 May;99(5):617-9 (Eng. Abstr.) **(Rus)**

[Dominant role of the genes of the K region in the mouse H-2 system in macrophage induction of T effectors of the graft vs host reaction] Anfalova TV, et al. **Dokl Akad Nauk SSSR** 1984;279(4):1016-20 **(Rus)**

[Staphylococcal induction of suppressors of macrophage phagocytic activity] Vikhot' NE. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):94-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Regulation of the macrophage oxidative burst by mediators: effects of inhibitors. Parnham MJ, et al. **Agents Actions** 1985 Mar;16(1-2):50-1

Macrophage activation and antitumor activity of cyclohexyl-1,3-dioxepin and 4-methyl-2-pentonyl maleic anhydride copolymers. Kaplan AM, et al. **Ann NY Acad Sci** 1985;446:169-84

Some biologically active copolymers of maleic anhydride. Ottenbrite RM, et al. **Ann NY Acad Sci** 1985;446:160-8

Lipopolysaccharide and polyribonucleotide activation of macrophages: implications for a natural triggering signal in tumor cell killing. Torres BA, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):395-401

Inhibition of macrophage activation and tumor cell cytolysis by cyclosporin-A. Wright B, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):710-5

Activation of peritoneal macrophages by lysophosphatidylcholine. Ngwenya BZ, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):9-15

Selective macrophage activation by muramyldipeptide bound to monoclonal antibodies specific for mouse tumor cells. Roche AC, et al. **Cancer Immunol Immunother** 1984; 18(3):155-9

Induction of macrophage differentiation of human normal and leukemic myeloid stem cells by 1,25-dihydroxyvitamin D3 and its fluorinated analogues. Koeffler HP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5624-8

Inhibition of macrophage DNA synthesis by immunomodulators. II. Characterization of the suppression by muramyl dipeptide or lipopolysaccharide [3H]thymidine incorporation into macrophages. Nagao S, et al. **Cell Immunol** 1984 Dec;89(2):427-38

Inhibition of macrophage activation by calcium channel blockers and calmodulin antagonists. Wright B, et al. **Cell Immunol** 1985 Oct 1;95(1):46-53

Stimulation of macrophage activity by 12-O-tetradecanoylphorbol-13-acetate. Gemsa D, et al. **IARC Sci Publ** 1984;(56):319-36

Ionophore-induced functional changes in macrophages. Fóris G, et al. **Immunobiology** 1984 May;166(4-5):446-57

Role of bacterial lipopolysaccharide and lymphokine in the regulation of macrophage activation: correlates between secretion of plasminogen activator and tumor lysis. Jones CM, et al. **Immunobiology** 1984 May;166(4-5):410-27

A decrease of RNA synthesis during macrophage activation with lipopolysaccharide--an association with novel regulating factors. Okai Y. **Immunol Lett** 1984;8(5):261-5

Recombinant and natural gamma-interferon activation of macrophages in vitro: different dose requirements for induction of killing activity against phagocytizable and nonphagocytizable fungi. Brummer E, et al. **Infect Immun** 1985 Sep;49(3):724-30

Differential inhibition of macrophage microbicidal activity by liposomes. Gilbreath MJ, et al. **Infect Immun** 1985 Feb; 47(2):567-9

Macrophage oxidative burst and related cytotoxicity. I. Differential activation by tumor-promoting and non-tumor-promoting phorbol esters. Keisari Y, et al. **Int J Cancer** 1984 Dec 15;34(6):845-8

Activation of peritoneal macrophages by berberine-type alkaloids in terms of induction of cytostatic activity. Kumazawa Y, et al. **Int J Immunopharmacol** 1984; 6(6):587-92

Bimodal effects of MVE-2 on cytotoxic activity of natural killer cell and macrophage tumoricidal activities. Piccoli M, et al. **Int J Immunopharmacol** 1984;6(6):569-76

Macrophage activation by MDP bound to neoglycoproteins: metastasis eradication in mice. Roche AC, et al. **Invasion Metastasis** 1985;5(4):218-32

Macrophage activation by PAF incorporated into dipalmitoylphosphatidylcholine-cholesterol liposomes. Hayashi H, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1255-8

In situ activation of murine peritoneal macrophages by cyclohexyl-1,3-dioxepin and 4-methyl-2-pentenoyl maleic anhydride copolymers. Kuus K, et al. **J Biol Response Mod** 1985 Feb;4(1):46-59

Calcium regulation of phosphatidyl inositol turnover in macrophage activation by formyl peptides. Holian A, et al. **J Cell Physiol** 1985 Apr;123(1):39-45

Inhibition of macrophage mediated cytotoxicity by exogenous adenosine 5'-triphosphate. Cameron DJ. **J Clin Lab Immunol** 1984 Dec;15(4):215-8

Macrophage activation for microbicidal activity against Leishmania major: inhibition of lymphokine activation by phosphatidylcholine-phosphatidylserine liposomes. Gilbreath MJ, et al. **J Immunol** 1985 May;134(5):3420-5

Modulation of macrophage-mediated tumoricidal activity by neuropeptides and neurohormones. Koff WC, et al. **J Immunol** 1985 Jul;135(1):350-4

Comparative effects of various classes of mouse interferons on macrophage activation for tumor cell killing. Pace JL, et al. **J Immunol** 1985 Feb;134(2):977-81

Synergistic activation by recombinant mouse interferon-gamma and muramyl dipeptide of tumoricidal properties in mouse macrophages. Saiki I, et al. **J Immunol** 1985 Jul;135(1):684-8

Bacterial endotoxin selectively prevents the expression of scavenger-receptor activity on human monocyte-macrophages. Van Lenten BJ, et al. **J Immunol** 1985 Jun;134(6):3718-21

Induction of tumor-inhibitory macrophages with a novel synthetic immunomodulator, 3,6-bis(2-piperidinoethoxy)acridine trihydrochloride (CL 246,738). Wang BS, et al. **J Immunol** 1985 Jul;135(1):679-83

Modulation of lymphokine-induced macrophage activation by estrogen metabolites. Pfeifer RW, et al. **J Immunopharmacol** 1985;7(2):247-63

In vivo activation of macrophages but not natural killer cells by picolinic acid (PLA). Ruffmann R, et al. **J Immunopharmacol** 1984;6(4):291-304

Comparison of various assays to quantitate macrophage activation by biological response modifiers. Schultz RM, et al. **J Immunopharmacol** 1984;6(4):257-75

Macrophage activation by cross-linked dextran. Blanckmeister CA, et al. **J Leukocyte Biol** 1985 Feb; 37(2):209-19

Intracellular activation of human and rodent macrophages by human lymphokines encapsulated in liposomes. Kleinerman ES, et al. **J Leukocyte Biol** 1985 May; 37(5):571-84

Impairment of macrophage activating factor (MAF) production in lymphocytes from cancer patients. Cameron DJ. **Jpn J Exp Med** 1985 Feb;55(1):13-9

Induction of macrophage growth by lipoprotein. Yui S, et al. **Jpn J Exp Med** 1985 Feb;55(1):29-35

Induction of interferon and activation of NK cells and macrophages in mice by oral administration of Ge-132, an organic germanium compound. Aso H, et al. **Microbiol Immunol** 1985;29(1):65-74

Effects of leukotriene C4 on macrophage association with and intracellular fate of Trypanosoma cruzi. Wirth JJ, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):1-10

Comparative studies between liposomes containing muramyl dipeptide and various immunomodulators on activation of mouse peritoneal macrophages and NK cells. Sakita M, et al. **Oncology** 1985;42(4):259-64

Activation and fusion induced by 1 alpha,25-dihydroxyvitamin D3 and their relation in alveolar macrophages. Abe E, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7112-6

Macrophage activation by monosaccharide precursors of Escherichia coli lipid A. Nishijima M, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):282-6

Stimulatory effect of immobilized glycans on macrophages in vitro. Bøgwald J, et al. **Scand J Immunol** 1984 Oct; 20(4):355-60

In vivo activation of mouse macrophages with beta-1,3-D-glucan-derivatized plastic beads. Seljelid R, et al. **Scand J Immunol** 1985 Jun;21(6):601-5

Protection of mice against fatal herpes simplex type 2 infection by liposomes containing muramyl tripeptide. Koff WC, et al. **Science** 1985 Apr 26;228(4698):495-7

[Synergistic activation of rat alveolar macrophages by cepharanthine and OK-432] Morioka S, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1470-5 (Eng. Abstr.) **(Jpn)**

[Immunopharmacological actions of neurotropin (4). Effect of neurotropin on mouse peritoneal macrophages] Yoshii H, et al. **Nippon Yakurigaku Zasshi** 1984 Dec;84(6):499-507 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

Effects of microwave exposure on the hamster immune system. III. Macrophage resistance to vesicular stomatitis virus infection. Rao GR, et al. **Bioelectromagnetics** 1984; 5(4):377-88

Enhanced activity of the macrophage-like cell line J774.1 following exposure to gamma radiation. Gallin EK, et al. **J Leukocyte Biol** 1985 Sep;38(3):369-81

MACROPHAGE MIGRATION INHIBITORY FACTORS

ANALYSIS

[Specific anti-tumor immunity in pre- and postoperative state and 5-year survival of breast cancer patients] Inamoto T, et al. **Nippon Geka Hokan** 1984 Mar 1;53(2):345-52 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Correlation of macrophage migration-inhibition factor and protection from challenge exposure in calves vaccinated with Salmonella typhimurium. Habasha FG, et al. **Am J Vet Res** 1985 Jul;46(7):1415-21

Generation of human hybridomas producing migration inhibitory factor (MIF) and of murine hybridomas secreting monoclonal antibodies to human MIF. Weiser WY, et al. **Cell Immunol** 1985 Jan;90(1):167-78

Studies on migration inhibitory factors of non-lymphoid origin. Aul C, et al. **Immunobiology** 1984 Dec;167(5):437-51

Migration inhibition factor secreting human T-cell lines reactive to PPD: a study of their antigen specificity, MHC restriction and the use of Epstein-Barr virus-transformed B-cell lines as requirement for antigen-presenting cells. Vyakarnam A, et al. **Immunology** 1984 Dec;53(4):601-10

Production of macrophage-activating and migration-inhibition factors in vitro by serologically selected and cloned Listeria monocytogenes-specific T cells of the Lyt 1+2- phenotype. Sperling U, et al. **Infect Immun** 1984 Oct;46(1):111-5

Effect of lidocaine on production of migration inhibitory factor and on macrophage motility: in vitro exposure of guinea pig lymphocytes and macrophages. Dickstein RA, et al. **J Leukocyte Biol** 1984 Nov;36(5):621-32

[Nonidentity of Lyt phenotypes and the radiosensitivity of early and late producers of macrophage migration inhibitory factor in reaction to H-2 complex antigens] Berkova NP, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):176-8 (Eng. Abstr.) **(Rus)**

[Induction of T-cell producers of the macrophage migration inhibitory factor by the products of the K-, I- and D-regions of the H-2 complex in mice] Kharkevich DD, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):484-6 (Eng. Abstr.) **(Rus)**

[Induction of T cells--producers of a macrophage migration-inhibitory factor by minor histocompatibility antigens] Kharkevich DD, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):703-5 (Eng. Abstr.) **(Rus)**

[Production of a factor inhibiting macrophage migration to the Candida albicans antigen in mice and their resistance to this microorganism] Vorob'ev KV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):86-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

[Nature of the cells regulating the production of a migration inhibition factor in C57BL/6 strain mice with low response to Candida albicans antigen] Vorob'ev KV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):601-2 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Dissociation of human interferon-gamma-like activity from migration-inhibition factor. Weiser WY, et al. **Cell Immunol** 1984 Oct 1;88(1):109-22

METABOLISM

Binding characteristics of fluoresceinated Lotus tetragonolobus fucolectin to macrophage populations which are either responsive or refractory to activation by lymphokine. Leu RW, et al. **Immunobiology** 1985 Apr; 169(3):272-9

[Macrophage-inhibiting factors in a case of alveolar proteinosis] Müller-Quernheim J, et al. **Prax Klin Pneumol** 1984 Dec;38(12):539-44 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Functional characteristics of murine macrophages responding to migration inhibitory factors. Michels E, et al. **Eur J Immunol** 1984 Oct;14(10):902-5

Different mechanisms of macrophage activation with guinea pig macrophage activation factor, lipopolysaccharide and muramyl dipeptide. Onozaki K, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):296-301

PHYSIOLOGY

Strain variation of bacillus Calmette-Guerin-induced pulmonary granuloma formation is correlated with anergy and the local production of migration inhibition factor and interleukin 1. Kobayashi K, et al. **Am J Pathol** 1985 May; 119(2):223-35

Glycolipid-dependent interaction between human migration-inhibitory factor and mononuclear phagocytes. Liu DY, et al. **Cell Immunol** 1984 Oct 15;88(2):350-60

Migration inhibitory factors and macrophage differentiation. Sorg C, et al. **Springer Semin Immunopathol** 1984; 7(4):311-20

MACROPHAGES

see related
RETICULOENDOTHELIAL SYSTEM

Blood granulocyte-macrophage progenitor cell concentrations and differentiation in vitro in patients with hepatic cirrhosis. Ponassi A, et al. **Acta Haematol (Basel)** 1984;72(6):388-94

Statistical derivation of a standardised procedure for counting expectorated alveolar macrophages as indicators of occupational air pollution. Nilsen AM, et al. **Br J Ind Med** 1985 Mar;42(3):205-8

Morphological, cytochemical, functional, and proliferative characteristics of four murine macrophage-like cell lines. van Furth R, et al. **Cell Immunol** 1985 Feb;90(2):339-57

Granulocyte-macrophage colony-stimulating activity in the serum of estriol-treated mice. Hayama T, et al. **Exp Hematol** 1985 Aug;13(7):658-63

Biologic effects of in vitro X-irradiation of murine long-term bone marrow cultures on the production of granulocyte-macrophage colony-stimulating factors. Naparstek E, et al. **Exp Hematol** 1985 Aug;13(7):701-8

Serum lipoproteins inhibitors of granulocyte-macrophage (GM) colony formation. Szmitkowski M, et al. **Folia Haematol (Leipz)** 1985;112(1):203-7

Differential identification of mouse granulocyte (CFU-g) and macrophage (CFU-m) precursors in plasma clots. Iizuka Y, et al. **Int J Cell Cloning** 1985 May;3(3):176-84

Giant cell myocarditis: evidence for the macrophage origin of the giant cells. Theaker JM, et al. **J Clin Pathol** 1985 Feb;38(2):160-4

Quantitative analysis of total macrophage content in adult mouse tissues. Immunochemical studies with monoclonal antibody F4/80. Lee SH, et al. **J Exp Med** 1985 Mar 1; 161(3):475-89

Effects of essential fatty acid deficiency and indomethacin on histologic, ultrastructural, and phagocytic responses of hepatic macrophages to glucan. Way CF, et al. **J Leukocyte Biol** 1985 Feb;37(2):137-50

Human GM-CSF: molecular cloning of the complementary DNA and purification of the natural and recombinant proteins. Wong GG, et al. **Science** 1985 May 17; 228(4701):810-5

[Production of GM-CSF by human T lymphocytes purified and stimulated by Con A] Bonnefoix T, et al. **Nouv Rev Fr Hematol** 1985;27(3):175-81 (Eng. Abstr.) **(Fre)**

ANALYSIS

Tissue factor in bronchoalveolar lavage fluids. Evidence for an alveolar macrophage source. McGee MP, et al. **Am Rev Respir Dis** 1985 Mar;131(3):331-6

Lysosome-associated membrane proteins: characterization of LAMP-1 of macrophage P388 and mouse embryo 3T3 cultured cells. Chen JW, et al. **Arch Biochem Biophys** 1985 Jun;239(2):574-86

The molecular species composition of diacyl-, alkylacyl- and alkenylacylglycerophospholipids in rabbit alveolar macrophages. High amounts of 1-O-hexadecyl-2-arachidonyl molecular species in alkylacylglycerophosphocholine. Nakagawa Y, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):323-9

The Mr 95,000 gelatin-binding protein in differentiated human macrophages and granulocytes. Vartio T, et al. **Blood** 1985 May;65(5):1175-80

Macrophage glycolipid receptors for human migration inhibitory factor (MIF): differentiated HL-60 cells exhibit MIF responsiveness and express surface glycolipids which both bind MIF and convert nonresponsive cells to responsiveness. Liu DY, et al. **Cell Immunol** 1985 Feb; 90(2):605-13

Purification of cathepsin D from guinea pig peritoneal macrophages. Oikawa T, et al. **Chem Pharm Bull (Tokyo)** 1984 Dec;32(12):5059-63

Identification of blood coagulation factor XIII in human peritoneal macrophages. Adány R, et al. **Eur J Cell Biol** 1985 Jul;38(1):171-3

Elaboration of granulocyte-macrophage colony-stimulating factor by human tumor cell lines and normal urothelium. Zinzar SN, et al. **Exp Hematol** 1985 Jul;13(6):574-80

Measurement of macrophage cellular procoagulant activity. Muller AD, et al. **Haemostasis** 1985;15(2):108-13

Anti-tumour cytotoxin from macrophages: no correlation between cytotoxin adsorption by tumour cell lines and their cytotoxin susceptibility. Matthews N. **Immunology** 1984 Nov;53(3):537-43

Isolation and partial characterization of a human alveolar macrophage-derived neutrophil-activating factor. Pennington JE, et al. **J Clin Invest** 1985 Apr;75(4):1230-7

A charge coupled device-based image cytophotometry system for quantitative histochemistry and cytochemistry. Donovan RM, et al. **J Histochem Cytochem** 1985 Jun; 33(6):551-6

Direct measurement of phagosomal reactive oxygen by luminol-binding microspheres. Uchida T, et al. **J Immunol Methods** 1985 Feb 28;77(1):55-61

Determination of the amounts of free arachidonic acid in resident and activated rabbit alveolar macrophages by fluorometric high performance liquid chromatography. Nakagawa Y, et al. **Lipids** 1985 Jul;20(7):482-7

Scavenger cell receptor shared [news] Brown MS, et al. **Nature** 1985 Aug 22-28;316(6030):680-1

Necrosin: purification and properties of a cytotoxin derived from a murine macrophage-like cell line. Kull FC Jr, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7932-6

Expression of the alpha 1-proteinase inhibitor gene in human monocytes and macrophages. Perlmutter DH, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):795-9

Clotting factors secreted by monocytes and macrophages: analytical considerations. van Dam-Mieras MC, et al. **Thromb Res** 1985 Jan 1;37(1):9-19

Immunohistological analysis of serial biopsies taken during human renal allograft rejection. Changing profile of infiltrating cells and activation of the coagulation system. Hancock WW, et al. **Transplantation** 1985 Apr;39(4):430-8

CLASSIFICATION

Monocytic origin of foam cells in human atherosclerotic plaques. Aqel NM, et al. **Atherosclerosis** 1984 Dec; 53(3):265-71

Heterogeneity of macrophage populations in human lymphoid tissue and peripheral blood. Hofman FM, et al. **Cell Immunol** 1984 Oct 1;88(1):61-74

Methods of identification of macrophages in tissues. Cattell V. **Contrib Nephrol** 1985;45:123-30

Separation and characterization of macrophage precursors and of interleukin 2-responding cells from nylon wool-nonadherent murine spleen cells by using Bauhinia purpurea agglutinin. Yamaguchi N, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):309-16

Characterization of subsets of bone marrow-derived macrophages by flow cytometry analysis. Walker EB, et al. **J Leukocyte Biol** 1985 Feb;37(2):121-36

The distribution of cells of the monocytic-lineage in reactive lymph nodes and non-Hodgkin's lymphomata. Characterization using protein histochemistry, lectin binding and monoclonal antibodies. Freemont AJ, et al. **J Pathol** 1985 Jun;146(2):139-50

The possibility of distinguishing a subset of antigen-presenting cells from macrophages by means of anti S-100 protein sera. Dermal infiltrate of lichen planus as a model. De Panfilis G, et al. **Scand J Immunol** 1985 May;21(5):485-8

CYTOLOGY

Macrophages in Pacinian corpuscles. Ide C, et al. **Acta Anat (Basel)** 1985;121(2):110-4

Mononuclear phagocytes in the gastrointestinal tract. Verspaget H, et al. **Acta Chir Scand [Suppl]** 1985;525:113-26

Commitment to erythroid or granulocyte-macrophage differentiation is associated with loss of macromolecular insoluble cold globulin. Konwinski M, et al. **Acta Haematol (Basel)** 1984;72(5):289-94

Involvement of contractile protein in hypotonic expansion of macrophages. Wada Y, et al. **Acta Haematol (Basel)** 1984; 72(6):395-404

Chloroquine inhibits accessory cell presentation of soluble natural and synthetic protein antigens. Buus S, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Oct; 92(5):285-91

Analysis of granulocyte-macrophage progenitor cells in patients treated with recombinant interferon alpha-2. Ernstoff MS, et al. **Am J Med** 1985 Aug;79(2):167-70

Macrophagic ameboid cells in the brain ventricles of the neonatal rat. Imamoto K. **Arch Histol Jpn** 1984 Aug; 47(3):271-7

Tissue inhibitors of granulocyte-macrophage (GM) colony formation. Szmitkowski M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):447-50

Macrophages of human colostrum: a simple obtention method. Cruz-Ruiz AL, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):389-96 **(Eng, Spa)**

The pulmonary alveolar macrophage. McLennan G, et al. **Aust NZ J Med** 1984 Oct;14(5 Suppl 3):721-30 (68 ref.)

The macrophage colony-forming cell. MacVittie TJ. **Bibl Haematol** 1984;(48):112-30

In vitro multiplication and apparently indefinite subcultures of normal mouse resident peritoneal macrophages. Lombard Y, et al. **Biol Cell** 1985;53(3):219-30

Biological characterization of a granulomonopoietic enhancing activity derived from cultured human lipid-containing macrophages. Wang SY, et al. **Blood** 1985 May;65(5):1181-90

Cell cycle-dependent heat sensitization of murine granulocyte-macrophage progenitor cells in regenerating marrow. Kobayashi E, et al. **Cancer Res** 1985 Apr; 45(4):1459-63

Synergistic interaction of a cytokine produced by embryonic fibroblasts and a lymphokine contained in Con A-stimulated spleen cell culture for murine macrophage differentiation: a model experiment using cell line cells, M1. Noro N, et al. **Cell Immunol** 1985 Oct 1;95(1):124-36

Adjuvant actions of polyclonal lymphocyte activators. V. Proliferation of macrophage colony-forming cells in the draining lymph node. Yokochi T, et al. **Cell Immunol** 1985 Jul;93(2):431-7

Specific nuclear staining of leukocytes, macrophages and mast cells using a diaminobenzidine-cobalt chloride mixture. Dueñas JL, et al. **Cell Mol Biol** 1984;30(6):525-8

Different sensitivities of granulocyte-macrophage and erythroid progenitor cells of normal human bone marrow to S-phase-specific agents. Kubota K, et al. **Cell Tissue Kinet** 1984 Nov;17(6):601-7

Morphologic analysis of long-term bone marrow cultures that support B-lymphopoiesis or myelopoiesis. Dorshkind K, et al. **Cell Tissue Res** 1985;239(2):375-82

Heterogeneity among macrophages cultured from mouse bone marrow. Morphologic, cytochemical and flow cytometric analyses. Leung KP, et al. **Cell Tissue Res** 1985; 239(3):693-701

Effects of ovariectomy and estradiol administration on the adrenal macrophage system of the rat. Magalhães MM, et al. **Cell Tissue Res** 1984;238(3):559-64

Monocyte/macrophage derived cells in normal and transplanted human kidneys. Alpers CE, et al. **Clin Immunol Immunopathol** 1985 Aug;36(2):129-40

Ontogeny of the rat thymus micro-environment: development of the interdigitating cell and macrophage populations. Duijvestijn AM, et al. **Dev Comp Immunol** 1984 Fall;8(4):947-56

Macrophages. Inhibition of endocytosis by anchorage to substrate. Goldmacher VS. **Exp Cell Res** 1984 Oct; 154(2):632-5

Production of colony-stimulating factor(s) for granulocyte-macrophage and multipotential (granulocyte/erythroid/megakaryocyte/macrophage) hematopoietic progenitor cells (CFU-GEMM) by clonal lines of human IL-2-dependent T-lymphocytes. Greenberger JS, et al. **Exp Hematol** 1984 Oct;12(9):720-7

Development of specific surface receptors recognizing mannose-terminal glycoconjugates in cultured monocytes: a possible early marker for differentiation of monocyte into macrophage. Kataoka M, et al. **Exp Hematol** 1985 Jan; 13(1):44-50

Sources of murine macrophage colony-stimulating factor that also contain growth factors for primitive macrophage progenitor cells. Kriegler AB, et al. **Exp Hematol** 1984 Dec;12(11):844-9

In vivo incorporation of bromodeoxyuridine into proliferating cells in the marrow and its effects on granulocyte-macrophage progenitor cells. Morstyn G, et al. **Exp Hematol** 1985 May;13(4):289-94

Granulocytosis induced in vivo by a mouse marrow stromal cell line, BMA1, which produces colony stimulating factor. Fujita K, et al. **Experientia** 1985 Apr 15;41(4):504-5

Distribution of liver macrophages in laboratory animal and in man. Elsnerová M. **Folia Morphol (Praha)** 1984; 32(3):275-8

Circulating granulocytic progenitor cell (CFU-GM) cultures in a long surviving case of smouldering leukemia. Bobbio Pallavicini E, et al. **Haematologica (Pavia)** 1984 Nov-Dec; 69(6):687-94

Effect of Listeria monocytogenes infection on serum levels of colony-stimulating factor and number of progenitor cells in immune and nonimmune mice. Wing EJ, et al. **Infect Immun** 1985 Aug;49(2):325-8

Suggestive evidence that the highly metastatic variant ESb of the T-cell lymphoma Eb is derived from spontaneous fusion with a host macrophage. Larizza L, et al. **Int J Cancer** 1984 Nov 15;34(5):699-707

Detection of murine bone marrow granulocyte/macrophage progenitor cells (GM-CFU) in serum-free cultures stimulated with purified M-CSF or GM-CSF. Merchav S, et al. **Int J Cell Cloning** 1984 Nov;2(6):356-67

Development of macrophage and granulocyte colonies from human peripheral blood. Treves AJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):271-5

Urokinase-type plasminogen activator and its inhibitor secreted by cultured human monocyte-macrophages. Saksela O, et al. **J Cell Physiol** 1985 Jan;122(1):125-32

Isolation and characterization of resident stromal macrophages and hematopoietic cell clusters from mouse bone marrow. Crocker PR, et al. **J Exp Med** 1985 Sep 1;162(3):993-1014

Acquisition of high metastatic capacity after in vitro fusion of a nonmetastatic tumor line with a bone marrow-derived macrophage. Larizza L, et al. **J Exp Med** 1984 Nov 1; 160(5):1579-84

Dual origin of mouse spleen macrophages. van Furth R, et al. **J Exp Med** 1984 Nov 1;160(5):1273-83

Histochemical detection and quantification of macrophages in rhesus and cynomolgus monkey atherosclerotic lesions. Davis HR, et al. **J Histochem Cytochem** 1984 Dec; 32(12):1319-27

A quantitative assay for mouse granulocyte (CFU-g) and macrophage (CFU-m) precursors using plasma clots. Iizuka Y, et al. **J Histochem Cytochem** 1985 Jul;33(7):617-23

OKT3 monoclonal antibody induces production of colony-stimulating factor(s) for granulocytes and macrophages in cultures of human T lymphocytes and adherent cells. Platzer E, et al. **J Immunol** 1985 Jan; 134(1):265-71

Long-term culture of human bone marrow macrophages: macrophage development is associated with the production of granulomonopoietic enhancing activity (GM-EA). Wang SY, et al. **J Immunol** 1985 Aug;135(2):1186-93

Isolation of macrophages from human placenta. Uren S, et al. **J Immunol Methods** 1985 Apr 8;78(1):25-34

Effect of lidocaine on production of migration inhibitory factor and on macrophage motility: in vitro exposure of guinea pig lymphocytes and macrophages. Dickstein RA, et al. **J Leukocyte Biol** 1984 Nov;36(5):621-32

Preparation and characterization of human bone marrow-derived macrophages. Hume DA, et al. **J Leukocyte Biol** 1985 Oct;38(4):541-52

Localization and characterization of macrophages in murine uterus. Hunt JS, et al. **J Leukocyte Biol** 1985 Aug; 38(2):255-65

Enzyme-histochemical characterization of macrophages in the rat thymus, with special reference to metallophilic cells of the corticomedullary zone. Milićević NM, et al. **J Leukocyte Biol** 1984 Dec;36(6):761-9

Interferon produced endogenously in response to CSF-1 augments the functional differentiation of progeny macrophages. Moore RN, et al. **J Leukocyte Biol** 1985 May; 37(5):659-64

Monocytic origin and postnatal mitosis of intravascular macrophages in the porcine lung. Winkler GC, et al. **J Leukocyte Biol** 1985 Oct;38(4):471-80

The monocyte/macrophage population of the normal human kidney. Marshall RJ, et al. **J Pathol** 1984 Aug;143(4):275-80

On the origin of peritoneal resident macrophages. III. EM-immunocytochemical studies on the origin of mouse peritoneal resident macrophages. De Bakker JM, et al. **J Submicrosc Cytol** 1985 Apr;17(2):153-9

On the origin of peritoneal resident macrophages. I. DNA synthesis in mouse peritoneal resident macrophages. De Bakker JM, et al. **J Submicrosc Cytol** 1985 Apr;17(2):133-9

On the origin of peritoneal resident macrophages. II. Recovery of the resident macrophage population in the peritoneal cavity and in the milky spots after peritoneal cell depletion. De Bakker JM, et al. **J Submicrosc Cytol** 1985 Apr;17(2):141-51

Induction of macrophage growth by heat-stable factor in tumorous ascitic fluid. Yui S, et al. **Jpn J Exp Med** 1984 Jun;54(3):117-24

The proliferative effects of human GM-CSF alpha and beta and murine G-CSF in microwell cultures of fractionated human marrow cells. Metcalf D, et al. **Leuk Res** 1985; 9(5):521-7

Endogenous regulation of macrophage proliferation and differentiation by E prostaglandins and interferon alpha/beta. Moore RN, et al. **Lymphokine Res** 1985 Winter; 4(1):43-50

Elimination of macrophages with silica and asbestos. Kagan E, et al. **Methods Enzymol** 1984;108:325-35

Methods for the collection of peritoneal and alveolar macrophages. McCarron RM, et al. **Methods Enzymol** 1984; 108:274-84

Cell separation on cellular monolayers. Mage MG. **Methods Enzymol** 1984;108:125-32

Use of Sephadex G-10 to separate macrophages and lymphocytes. Mishell RI, et al. **Methods Enzymol** 1984; 108:303-7

Separation of macrophages on plastic and glass surfaces. Mosier DE. **Methods Enzymol** 1984;108:294-7

Depletion of macrophages from heterogeneous cell populations by the use of carbonyl iron. Wong DM, et al. **Methods Enzymol** 1984;108:307-13

The involvement of omentum and its milky spots in the dynamics of peritoneal macrophages. Mandache E, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):137-42

Induction of c-fos during myelomonocytic differentiation and macrophage proliferation. Müller R, et al. **Nature** 1985 Apr 11-17;314(6011):546-8

Immunohistochemical localization of macrophages and microglia in the adult and developing mouse brain. Perry VH, et al. **Neuroscience** 1985 Jun;15(2):313-26

In vitro effect of interferon-alpha on human granulocyte/macrophage progenitor cells and human clonogenic tumor cells. Holdener EE, et al. **Recent Results Cancer Res** 1984;94:205-19

Mononuclear phagocytes and collagen matrices—a review. Boswell JM, et al. **Scan Electron Microsc** 1984;(Pt 4):2045-58

Range and clinical significance of the number of myeloid-committed stem cells in the blood of patients with acute leukaemia in remission. Hinterberger W, et al. **Scand J Haematol** 1984 Sep;33(3):244-51

A mouse macrophage-like cell line (MMC-1) and its biological characteristics—biological characterization. Wang DB, et al. **Sci Sin [B]** 1984 Sep;27(9):905-9

Purified human granulocyte-macrophage colony-stimulating factor: direct action on neutrophils. Gasson JC, et al. **Science** 1984 Dec 14;226(4680):1339-42

The importance of CO2 in short-term monocyte-macrophage assays [letter] Branch DR, et al. **Transfusion** 1985 Jul-Aug;25(4):399-400

[Monocyte-macrophage cultures in vitro: theoretical and practical value for leukemia research] Jaworkowsky L, et al. **Folia Haematol (Leipz)** 1984;111(2):169-74 **(Ger)**

[The function of macrophages in sarcoidosis. II. Parameters of the clinical activity of the disease correlated with the cytology of bronchoalveolar lavage] Rubin R, et al. **Prax Klin Pneumol** 1984 Oct;38(10):452-5 (Eng. Abstr.) **(Ger)**

[Morphometric and ultrastructural aspect of macrophages present in the endometrium of rats during the estrous cycle] Simões MJ, et al. **Rev Bras Biol** 1984 May;44(2):197-201 (Eng. Abstr.) **(Por)**

[Macrophages do not inhibit the nuclei of nonmalignant proliferating cells entering into DNA synthesis in heterokaryons] Egorov EE, et al. **Dokl Akad Nauk SSSR** 1985;280(4):1016-9 **(Rus)**

[Effect of bone marrow cells on the clonal growth of granulocyte-macrophage precursors in a soft agar] Vladimirskaia EB, et al. **Eksp Onkol** 1984;6(4):46-9 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

In vitro assessment of the fibrogenicity of mineral dusts. Heppleston AG, et al. **Am J Ind Med** 1984;6(5):373-86

Glucocorticoid inhibition of zymosan-induced arachidonic acid release by rat alveolar macrophages. Peters-Golden M, et al. **Am Rev Respir Dis** 1984 Nov;130(5):803-9

Macrophage activation and antitumor activity of cyclohexyl-1,3-dioxepin and 4-methyl-2-pentonyl maleic anhydride copolymers. Kaplan AM, et al. **Ann NY Acad Sci** 1985;446:169-84

Lipidosis-like alterations in cultured macrophages exposed to local anaesthetics. Jägel M, et al. **Arch Toxicol** 1984 Oct;55(4):229-32

Enhancement of cytostatic activity of macrophages against MOPC-315 tumour cells by combined cyclophosphamide administration and immunisation with glutaraldehyde-treated tumour cells. Ophir R, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):175-80

Preparation and biological activity of taxol acetates. Mellado W, et al. **Biochem Biophys Res Commun** 1984 Oct 30; 124(2):329-36

Differential inhibition by T-2 toxin of total protein, DNA and isoprenoid synthesis in the culture macrophage cell line J774. Melmed RN, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2809-12

A novel biologically active seleno-organic compound—III. Effects of PZ 51 (Ebselen) on glutathione peroxidase and secretory activities of mouse macrophages. Parnham MJ, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3247-50

Stimulation of prostaglandin E2 production by 12-O-tetradecanoylphorbol 13-acetate (TPA)-type and non-TPA-type tumor promoters in macrophages and its inhibition by cycloheximide. Ohuchi K, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):42-7

Differential effects of prostaglandin E2 and cyclic AMP on release of arachidonic acid metabolites from resting and lipopolysaccharide-stimulated macrophages. Feuerstein N, et al. **Br J Pharmacol** 1984 Nov;83(3):759-62

Counting alveolar macrophages (AM) from expectorate samples of exposed workers as a test for lung irritation from occupational exposure. Gullvåg B, et al. **Bull Environ Contam Toxicol** 1985 May;34(5):702-8

Effects of peptidoglycans from periodontal pathogens on selected biological activities of CD-1 murine peritoneal macrophages. Barnard M, et al. **Can J Microbiol** 1985 Feb; 31(2):161-72

Inhibition of 12-O-tetradecanoylphorbol-13-acetate-induced nitroblue tetrazolium reduction in mouse peritoneal macrophages by various tumor promotion inhibitors. Ohkawa Y, et al. **Cancer Lett** 1985 May;27(1):45-52

Effect of dimethyldioctadecylammonium bromide induced macrophages on malignant cell proliferation. Prager MD, et al. **Cancer Lett** 1985 Jun;27(2):225-32

Suppressor macrophages in tumor-bearing mice and their selective inhibition by 6-mercaptopurine. Kataoka T, et al. **Cancer Res** 1985 May;45(5):2139-44

Effect of lipopolysaccharide on the stimulation of macrophage Fc-dependent phagocytosis by splenic B lymphocytes. Coleman DL, et al. **Cell Immunol** 1985 Apr 1;91(2):520-7

Regulation of macrophage collagenase, prostaglandin, and fibroblast-activating-factor production by anti-inflammatory agents: different regulatory mechanisms for tissue injury and repair. Wahl SM, et al. **Cell Immunol** 1985 May;92(2):302-12

Stimulation of the release of lysosomal and nonlysosomal granular enzymes from macrophages treated with monensin. Takano Y, et al. **Cell Struct Funct** 1984 Sep; 9(3):265-77

The effect of retinoids on haemopoiesis—clinical and laboratory studies. Koeffler HP, et al. **Ciba Found Symp** 1985;113:252-67

The mechanism of action of corticosteroids on glomerular injury in acute serum sickness in rabbits. Tipping PG, et al. **Clin Exp Immunol** 1985 Mar;59(3):555-63

Effects of NiO inhalation on alveolar macrophages and the humoral immune systems of rats. Spiegelberg T, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):516-25

Effects of asbestos on the random migration of rabbit alveolar macrophages. Myrvik QN, et al. **Environ Health Perspect** 1985 May;60:387-93

Quantitative assessment of rabbit alveolar macrophage function by chemiluminescence. Brennan PC, et al. **Environ Res** 1985 Aug;37(2):452-60

Effects of selenium on quartz-induced cytotoxicity in macrophages. Gabor S, et al. **Environ Res** 1985 Aug; 37(2):293-9

Interaction of benzodiazepines with mouse macrophages. Zavala F, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):561-6

Relevance of in vitro tests to in vivo acute skin inflammation: potential in vitro applications of skin keratome slices, neutrophils, fibroblasts, mast cells and macrophages. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):275-85

A battery of potential alternatives to the Draize test: uridine uptake inhibition, morphological cytotoxicity, macrophage chemotaxis and exfoliative cytology. Shopsis C, et al. **Food Chem Toxicol** 1985 Feb;23(2):259-66

Effect of lidocaine on the function of immunocompetent cells. II. Chronic in vivo exposure and its effects on mouse lymphocyte activation and expression of immunity. Dickstein R, et al. **Immunopharmacology** 1985 Jun; 9(3):127-39

Effects of lidocaine on the function of immunocompetent cells. I. In vitro exposure of mouse spleen lymphocytes and peritoneal macrophages. Dickstein R, et al. **Immunopharmacology** 1985 Jun;9(3):117-25

Manganese chloride enhances natural cell-mediated immune effector cell function: effects on macrophages. Smialowicz RJ, et al. **Immunopharmacology** 1985 Feb;9(1):1-11

Effect of dengue virus-induced macrophage cytotoxin on functions of human blood leucocytes. Gulati L, et al. **Indian J Med Res** 1984 Jun;79:709-15

Analysis of effects of lipopolysaccharide and interferon on murine macrophages: modulation of elastase secretion in vitro. Duc Dodon M, et al. **Infect Immun** 1985 Sep; 49(3):709-14

Soluble non-cross-linked peptidoglycan polymers stimulate monocyte-macrophage inflammatory functions. Gold MR, et al. **Infect Immun** 1985 Sep;49(3):731-41

Effect of liposomal amphotericin B on murine macrophages and lymphocytes. Mehta RT, et al. **Infect Immun** 1985 Feb; 47(2):429-33

In vivo effects of bacterial lipopolysaccharide on proliferation of macrophage colony-forming cells in bone marrow and peripheral lymphoid tissues. Yokochi T, et al. **Infect Immun** 1985 Feb;47(2):496-501

Glucocorticoid modulation of lymphokine-induced giant cell formation. Galindo B. **Inflammation** 1984 Dec;8(4):393-406

Effects of high-dose methotrexate on rat alveolar and inflammatory macrophage populations. Zeller JM, et al. **Inflammation** 1984 Sep;8(3):231-9

Regulatory role of a tripeptide (TKP) from the second constant domain of immunoglobulin g--I. Inhibition of rat and human macrophage activities. Auriault C, et al. **Int J Immunopharmacol** 1985;7(1):73-9

Induction of interleukin 1 secretion by murine macrophages and human monocytes after stimulation by RU 41740, a bacterial immunomodulator. Guenounou M, et al. **Int J Immunopharmacol** 1985;7(2):287-90

Immunomodulation of macrophages by muramyl peptides: recent findings concerning somnogenic activity of muramyl peptides and monokine. Leclerc C, et al. **Int J Tissue React** 1984;6(3):215-8

Activation of guinea pig peritoneal macrophages by platelet activating factor (PAF) and its agonists. Hayashi H, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1737-45

Phenylarsine oxide-induced increase in alveolar macrophage surface receptors: evidence for fusion of internal receptor pools with the cell surface. Kaplan J, et al. **J Cell Biol** 1985 Jul;101(1):121-9

Phorbol esters and horseradish peroxidase stimulate pinocytosis and redirect the flow of pinocytosed fluid in macrophages. Swanson JA, et al. **J Cell Biol** 1985 Mar; 100(3):851-9

Enhancement of colony-stimulating-factor--dependent clonal growth of murine macrophage progenitors and their phagocytic activity by retinoic acid. Goldman R. **J Cell Physiol** 1985 May;123(2):288-96

Immunoglobulin G-induced single ionic channels in human alveolar macrophage membranes. Nelson DJ, et al. **J Clin Invest** 1985 Aug;76(2):500-7

2-Chloroadenosine: a selective lethal effect to mouse macrophages and its mechanism. Saito T, et al. **J Immunol** 1985 Mar;134(3):1815-22

The effect of the non-steroidal anti-inflammatory drug Etodolac on macrophage migration in vitro and in vivo. Gervais F, et al. **J Immunopharmacol** 1984;6(3):205-14

Effect of a lysolecithin analogue on nonspecific resistance to infection of mice. Vassilev TL, et al. **J Med Microbiol** 1985 Apr;19(2):159-67

Cytolytic effect of macrophages and polymorphonuclear leukocytes treated with acidic fraction of bakers' yeast mannan against MM46 tumor cells in vitro. Sakai K, et al. **J Pharmacobiodyn** 1984 Dec;7(12):943-50

Methylprednisolone impairs the bactericidal activity of alveolar macrophages. White JC, et al. **J Surg Res** 1985 Jul;39(1):46-52

Toxicity of metallic ions in the lung: effects on alveolar macrophages and alveolar type II cells. Castranova V, et al. **J Toxicol Environ Health** 1984;13(4-6):845-56

Relative effects of asbestos and wollastonite on alveolar macrophages. Pailes WH, et al. **J Toxicol Environ Health** 1984;14(4):497-510

Paraquat toxicity in vitro. I. Pulmonary alveolar macrophages. Wong RC, et al. **J Toxicol Environ Health** 1985;15(3-4):417-29

Induction of macrophage growth by lipoprotein. Yui S, et al. **Jpn J Exp Med** 1985 Feb;55(1):29-35

Computer graphics and numerical techniques in the measurement of movements within cells. Jordan MM, et al. **Med Biol Eng Comput** 1985 Jan;23(1):48-54

Activation and fusion induced by 1 alpha,25-dihydroxyvitamin D3 and their relation in alveolar macrophages. Abe E, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7112-6

Mechanism of calcium ionophore A23187-induced priming of bone marrow-derived macrophages for tumor cell killing: relationship to priming by interferon. Johnson HM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5959-62

3-Deazaadenosine-induced disorganization of macrophage microfilaments. Stopford CR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4060-4

Influence of cadmium on isolated peritoneal macrophage populations: I. Cadmium interferes with Fc receptor function. Cook G, et al. **Proc West Pharmacol Soc** 1984; 27:481-6

Influence of cadmium on isolated peritoneal macrophage populations: II. Cadmium inhibits Fc receptor internalization. Cook G, et al. **Proc West Pharmacol Soc** 1984;27:487-93

Increased susceptibility to mouse hepatitis virus 3 of peritoneal macrophages exposed to dieldrin. Krzystyniak K, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):397-408

Evaluation of immunomodulatory chemicals: alteration of macrophage function in vitro. Tam PE, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):183-94

Model for cachexia in chronic disease: secretory products of endotoxin-stimulated macrophages induce a catabolic state in 3T3-L1 adipocytes. Pekala PH, et al. **Trans Assoc Am Physicians** 1984;97:251-9

Inhibition of the accessory function of murine macrophages in vitro by cyclosporine. Manca F, et al. **Transplantation** 1985 Jun;39(6):644-9

Dimethylsulfoxide increases the survival and lysosomal stability of mouse peritoneal macrophages exposed to low-LET ionizing radiation and/or ionic iron in culture. Abok K, et al. **Virchows Arch [Cell Pathol]** 1984; 46(4):307-20

[The alveolar macrophage in gas phase culture as a biologic indicator of gas toxicology: application to the study of the cytotoxicity of nitrogen dioxide (NO2)] Voisin C, et al. **Bull Acad Natl Med (Paris)** 1984 Oct-Nov;168(7-8):755-60 (Eng. Abstr.) **(Fre)**

[Immunosuppressive effects of 1 alpha, 25(OH)2D3 on human lymphocytes and monocytes/macrophages. 1. Suppression of PHA-blastogenesis and IL1 and IL2 production] Iho S, et al. **Arerugi** 1985 Apr;34(4):252-62 (Eng. Abstr.) **(Jpn)**

[Study of macrophage in animals treated with immunochemotherapeutic agents] Ito Y, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):9-17 (Eng. Abstr.) **(Jpn)**

[Studies on lung defenses: effects of various inhalants on the function of alveolar macrophages] Sugimoto M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep; 22(9):757-61 (Eng. Abstr.) **(Jpn)**

[Effects on hot water extracts of several kanpo-prescriptions on macrophage procoagulant activity. I] Adachi I, et al. **Yakugaku Zasshi** 1984 Sep;104(9):959-65 (Eng. Abstr.) **(Jpn)**

[Action of bioglycans from marine invertebrates on macrophage functioning] Besednova NN, et al. **Antibiotiki** 1984 Sep;29(9):653-7 (Eng. Abstr.) **(Rus)**

[Effect of thrombin on macrophage and lymphocyte functional activity] Kuznik BI, et al. **Biull Eksp Biol Med** 1985 May;99(5):597-8 (Eng. Abstr.) **(Rus)**

[Effect of tuftsin on the activity of energy metabolism enzymes in peritoneal macrophages] Shishova MB, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):306-8 (Eng. Abstr.) **(Rus)**

[Changes in purine metabolism in the macrophages of mice exposed to a new synthetic analog of muramyl dipeptide] Umanskiĭ VIu, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):685-7 (Eng. Abstr.) **(Rus)**

[Chemiluminescence of peritoneal macrophages activated by non-natural polyelectrolytes] Korkina LG, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):206-9 **(Rus)**

[Mechanism of the cytotoxic action of the natural zeolite clinoptilolite] Korkina LG, et al. **Farmakol Toksikol** 1984 Sep-Oct;47(5):63-7 (Eng. Abstr.) **(Rus)**

[Stabilizing action of glutamic acid on the membrane structures of the coniophage] Shnaidman IM, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):55-7 **(Rus)**

ENZYMOLOGY

Increased macrophage activity in psoriasis. Koh MS, et al. **Acta Derm Venereol (Stockh)** 1985;65(3):194-8

Immunoalkaline phosphatase cytochemistry. Technical considerations of endogenous phosphatase activity. Janckila AJ, et al. **Am J Clin Pathol** 1985 Oct;84(4):476-80

Phospholipase activities of the P388D1 macrophage-like cell line. Ross MI, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):247-58

Peritoneal macrophages of guinea pig possibly lack LTC4 synthetase. Abe M, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):15-23

Pulmonary macrophage: a major source of lipoprotein lipase in the lung. Okabe T, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):273-8

Induction of (2'-5')An-dependent endoribonuclease activity by interferon in cultured guinea pig macrophages. Wang CH, et al. **Biochem Int** 1983 Nov;7(5):569-76

Studies on the enzymatic pathways of calcium ionophore-induced phospholipid degradation and arachidonic acid mobilization in peritoneal macrophages. Emilsson A, et al. **Biochim Biophys Acta** 1985 Aug 30; 846(2):265-74

The biosynthesis of leukotriene B4, the predominant lipoxygenase product in rabbit alveolar macrophages, is enhanced during immune activation. Hsueh W, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):92-7

Specific inhibition by prostaglandin D2 and its metabolites of lysozyme synthesis in mouse macrophage-like cell line, Mm-1. Kasukabe T, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):330-6

Effect of dexamethasone, indomethacin, and lipopolysaccharide on the secretion of interstitial collagenase and type V collagenase by cultured macrophages. Mainardi CL. **Biochim Biophys Acta** 1984 Oct 12;805(2):137-42

Langerhans' cells and macrophages in eosinophilic granuloma. An enzyme-histochemical, enzyme-cytochemical, and ultrastructural study. Elema JD, et al. **Cancer** 1984 Nov 15;54(10):2174-81

Pepsin like enzyme in macrophages and its role in the immune system. Ohnishi H. **Clin Exp Immunol** 1984 Oct; 58(1):206-12

Purification of a type V collagen degrading metalloproteinase from rabbit alveolar macrophages. Mainardi CL, et al. **Coll Relat Res** 1984 Dec;4(6):479-92

Identification of sialyl and galactosyl transferase activities in calf vitreous hyalocytes. Jacobson B. **Curr Eye Res** 1984 Aug;3(8):1033-41

Acid proteases of vitreal macrophages. Twining S, et al. **Curr Eye Res** 1984 Aug;3(8):1055-62

Aryl hydrocarbon hydroxylase induction in rat pulmonary alveolar macrophages (PAMs) by diesel particulates and their extracts. Chen KC, et al. **Drug Chem Toxicol** 1984; 7(5):463-76

Drug influences on rat hepatic macrophage enzyme production and release in vitro. Tanner AR, et al. **Eur J Clin Invest** 1985 Jun;15(3):146-50

Chemically modified low density lipoproteins as inducers of enzyme release from macrophages. Hartung HP, et al. **FEBS Lett** 1985 Jul 8;186(2):211-4

Ubiquinone-5 is reduced by superoxide in the aerobic state by NADPH oxidase of guinea pig macrophages. Nakamura M, et al. **FEBS Lett** 1985 Jul 8;186(2):215-8

Lysosomal enzyme activities in polymorphonuclear leukocytes, macrophages, serum, and spleen of conventional, germ-free, and antigen-free Minnesota miniature swine. Ferenčík M, et al. **Folia Microbiol (Praha)** 1985;30(1):65-75

Ultracytochemical localization of guanylate cyclase activity in guinea-pig peritoneal macrophages under different physiological conditions. Dini G, et al. **Histochem J** 1984 Dec;16(12):1257-63

Cellular acid phosphatase activity: correlation of cytochemical and biochemical measurements. Goldstein E, et al. **Histochem J** 1985 Mar;17(3):381-6

False localization of acid phosphatase activity in the nuclear envelope and endoplasmic reticulum of peritoneal macrophages. Hoefsmit EC, et al. **Histochem J** 1985 Feb; 17(2):235-41

The use of 2-thionaphthyl acetate as a substrate for the localization and characterization of nonspecific esterase activity in rat alveolar and peritoneal macrophages. Sannes PL, et al. **Histochem J** 1985 Jan;17(1):43-56

Adenosine deaminase activity associated with phagocytic vacuoles. Cytochemical demonstration by electron microscopy. Tritsch GL, et al. **Histochemistry** 1985; 82(3):281-5

Hydrolytic enzymes in macrophages from leprosy patients in presence of Mycobacterium leprae. Marolia J, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):776-83

Intracellular acid phosphatase content and ability of different macrophage populations to kill Nocardia asteroides. Black CM, et al. **Infect Immun** 1985 Feb;47(2):375-83

Interferon-gamma modulates protein kinase C activity in murine peritoneal macrophages. Hamilton TA, et al. **J Biol Chem** 1985 Feb 10;260(3):1378-81

Retinoic acid-induced expression of tissue transglutaminase in mouse peritoneal macrophages. Moore WT Jr, et al. **J Biol Chem** 1984 Oct 25;259(20):12794-802

Effects of ammonia on processing and secretion of precursor and mature lysosomal enzyme from macrophages of normal and pale ear mice: evidence for two distinct pathways. Brown JA, et al. **J Cell Biol** 1985 Jun;100(6):1894-904

Bacterial lipopolysaccharide induction of ornithine decarboxylase in the macrophage-like cell line RAW264: requirement of an inducible soluble factor. Taffet SM, et al. **J Cell Physiol** 1985 Feb;122(2):215-20

Regulation of alpha 1 proteinase inhibitor function by rabbit alveolar macrophages. Evidence for proteolytic rather than oxidative inactivation. Banda MJ, et al. **J Clin Invest** 1985 Jun;75(6):1758-62

Comparison of live human neutrophil and alveolar macrophage elastolytic activity in vitro. Relative resistance of macrophage elastolytic activity to serum and alveolar proteinase inhibitors. Chapman HA Jr, et al. **J Clin Invest** 1984 Nov;74(5):1693-700

Identification of intracellular factor XIII in human monocytes and macrophages. Henriksson P, et al. **J Clin Invest** 1985 Aug;76(2):528-34

Thromboxane synthase is preferentially conserved in activated mouse peritoneal macrophages. Tripp CS, et al. **J Clin Invest** 1985 Aug;76(2):898-901

Human alveolar macrophages produce a fibroblast-like collagenase and collagenase inhibitor. Welgus HG, et al. **J Clin Invest** 1985 Jul;76(1):219-24

Properties of prostaglandin-sensitive adenylate cyclase system of a murine macrophage-like cell line (P388D1). Fernandez-Botran R, et al. **J Immunol** 1984 Nov;

133(5):2655-61
Expression of 20-alpha-hydroxysteroid dehydrogenase in mouse macrophages, hemopoietic cells, and cell lines and its induction by colony-stimulating factors. Hapel AJ, et al. **J Immunol** 1985 Apr;134(4):2492-7
Regulation of macrophage lysosomal secretion by adenosine, adenosine phosphate esters, and related structural analogues of adenosine. Riches DW, et al. **J Leukocyte Biol** 1985 May;37(5):545-57
Injection of mice with antibody to mouse interferon alpha/beta decreases the level of 2'-5' oligoadenylate synthetase in peritoneal macrophages. Gresser I, et al. **J Virol** 1985 Jan;53(1):221-7
The immunocytochemical detection of angiotensin-converting enzyme in alveolar macrophages from patients with sarcoidosis. Takada Y, et al. **Lung** 1984;162(6):317-23
A sensitive procedure for determination of cathepsin D: activity in alveolar and peritoneal macrophages. Orlowski M, et al. **Mol Cell Biochem** 1984 Sep;64(2):155-62
Lipoprotein lipase secretion by human monocytes and guinea pig alveolar macrophages in culture. Yoshii H, et al. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):774-5
Retinoic acid induces transglutaminase in mouse macrophages. **Nutr Rev** 1985 May;43(5):153-4 (9 ref.)
Acid hydrolase distribution in sensitised and naive macrophages in vivo and in vitro. Pugh D, et al. **Z Mikrosk Anat Forsch** 1984;98(3):375-84
Enzyme histochemistry of the response by naive and sensitised macrophages to phagocytosis of collagen and latex particles. Pugh DI, et al. **Z Mikrosk Anat Forsch** 1985;99(1):14-24
Acyl chain specificity and kinetic properties of phospholipase A1 and A2 of bone marrow-derived macrophages. Flesch I, et al. **Z Naturforsch [C]** 1985 May-Jun;40(5-6):356-63
Depletion of secondary lysosomes in mouse macrophages infected with Leishmania mexicana amazonensis: a cytochemical study. Barbieri CL, et al. **Z Parasitenkd** 1985;71(2):159-68
[Membrane phosphatidylethanolamine methylase in blood leukocytes and alveolar macrophages of asthmatic patients] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(1):47-56 (Eng. Abstr.) **(Fre)**
[Species specific differences in cultured bone marrow macrophages (mononuclear phagocytes)] Gossrau R, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:115-27 **(Ger)**
[The modification of enzyme production in macrophages] Fleischer J, et al. **Folia Haematol (Leipz)** 1984;111(2):146-8 **(Ger)**
[Histological and histochemical observation of macrophages in various foreign-body granulomas] Isoda M. **Nippon Hifuka Gakkai Zasshi** 1984 Aug;94(9):1045-53 **(Jpn)**
[Chronologic changes of activities of macrophage-associated nonspecific esterases in the developing and healing experimental pulmonary granulomas] Tsuda T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May;22(5):363-9 (Eng. Abstr.) **(Jpn)**
[Influence of Corynebacterium parvum, BCG, OK-432 and Lactobacillus casei on the hepatic drug-metabolizing systems and on the oxygen radical production by fixed macrophages in liver of BALB/c mouse] Hashimoto S, et al. **Yakugaku Zasshi** 1984 Apr;104(4):356-61 (Eng. Abstr.) **(Jpn)**
[Collagen resorption by macrophages and fibroblasts in liver cirrhosis] Ryvniak VV. **Biull Eksp Biol Med** 1985 Jul;100(7):106-8 (Eng. Abstr.) **(Rus)**
[Phytohemagglutinin--a modulator of activity of cytochrome P-450-dependent enzymes of hepatocyte and immunocyte membranes] Galkin BN, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):13-7 (Eng. Abstr.) **(Rus)**
[Effect of pro- and antioxidant food factors on macrophage oxidative metabolism] Sharmanov AT. **Vopr Pitan** 1985 May-Jun;(3):52-5 (Eng. Abstr.) **(Rus)**
[Comparative study of concentrations of lysozyme in serum, bronchoalveolar washings and alveolar macrophages in lung diseases] Belianovskaia TI. **Vrach Delo** 1984 Dec;(12):28-31 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Macrophage interaction with mycobacteria including M. leprae. Ryter A, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):211-26
Characteristics of lymphocyte and macrophage reactivity in otitis media with effusion. Bernstein JM, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:131-7
Mediation of macrophage reactions in immune tissue injury. Honda M, et al. **Acta Pathol Jpn** 1985 Mar;35(2):269-80
Cytotoxic factor(s) released from stimulated mouse peritoneal macrophages. Mørland B. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Jun;93(3):131-7
Effects of anti-macrophage serum on immunological reactivity and on the T cell area of the cloacal bursa in the chicken. Naukkarinen A, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Aug;92(4):201-5
The role of macrophages in adenovirus-induced immunosuppression in mice. Berencsi K, et al. **Acta Virol (Praha)** 1985 Jan;29(1):61-5
Application of migration inhibition techniques in tumor immunology. Szigeti R. **Adv Cancer Res** 1985;43:241-305 (303 ref.)
The cell biology of tumor cell capture by activated macrophages. Adams DO, et al. **Adv Exp Med Biol** 1985;184:65-74 (20 ref.)
Aberrant oxygen metabolism in neoplastic cells injured by cytotoxic macrophages. Granger DL, et al. **Adv Exp Med Biol** 1985;184:51-63
Destructive interactions between murine macrophages, tumor cells, and antibodies of the IgG2a isotype. Johnson WJ, et al. **Adv Exp Med Biol** 1985;184:75-80
A major role of the macrophage in quantitative genetic regulation of immunoresponsiveness and antiinfectious immunity. Biozzi G, et al. **Adv Immunol** 1984;36:189-234 (72 ref.)
IgE receptors on macrophages: biological significance. Joseph M, et al. **Agents Actions** 1985 Mar;16(1-2):27-9
Macrophage functions in aging: effects of vitamin C deficiency. Ganguly R, et al. **Allerg Immunol (Leipz)** 1985;31(1):37-43
Microbicidal activity and superoxide production by macrophages in aging rats. Ganguly R, et al. **Allerg Immunol (Leipz)** 1984;30(4):225-9
The regulatory effect of macrophages on the in vitro synthesis of IgE. Levo Y, et al. **Allergy** 1985 May;40(4):229-32
Changes in the macrophage content of lung metastases at different stages in tumor growth. Bugelski PJ, et al. **Am J Pathol** 1985 Mar;118(3):419-24
Monocyte/macrophage-specific monoclonal antibody Ki-M1 recognizes interdigitating reticulum cells. Radzun HJ, et al. **Am J Pathol** 1984 Dec;117(3):441-50
Human dendritic cells and macrophages. In situ immunophenotypic definition of subsets that exhibit specific morphologic and microenvironmental characteristics. Wood GS, et al. **Am J Pathol** 1985 Apr;119(1):73-82
Effect of in vitro inoculation of bovine respiratory syncytial virus on bovine pulmonary alveolar macrophage function. Trigo E, et al. **Am J Vet Res** 1985 May;46(5):1098-103
Bovine pulmonary alveolar macrophages: antemortem recovery and in vitro evaluation of bacterial phagocytosis and killing. Trigo E, et al. **Am J Vet Res** 1984 Sep;45(9):1842-7
Decreased suppressor cell activity of alveolar macrophages in bronchial asthma. Aubas P, et al. **Am Rev Respir Dis** 1984 Nov;130(5):875-8
Cell-mediated antibacterial defenses of the distal airways. Fick RB Jr. **Am Rev Respir Dis** 1985 May;131(5):S43-8
Release of superoxide anion from resident and activated mouse peritoneal macrophages infected with Mycobacterium intracellulare. Gangadharam PR, et al. **Am Rev Respir Dis** 1984 Nov;130(5):834-8
Alveolar macrophage function and inflammatory stimuli in smokers with and without obstructive lung disease. McLeod R, et al. **Am Rev Respir Dis** 1985 Mar;131(3):377-84
Human lung lavage surfactant enhances staphylococcal phagocytosis by alveolar macrophages. O'Neill SJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1177-9
IgA-mediated phagocytosis by mouse alveolar macrophages. Richards CD, et al. **Am Rev Respir Dis** 1985 Jul;132(1):82-5
Experimental hypersensitivity pneumonitis: lack of tolerance. Schuyler MR, et al. **Am Rev Respir Dis** 1984 Nov;130(5):772-7
Heterogeneity of immunologic function among subfractions of normal rat alveolar macrophages. II. Activation as a determinant of functional activity. Shellito J, et al. **Am Rev Respir Dis** 1985 May;131(5):678-83
The mononuclear phagocyte system of the mouse defined by immunohistochemical localisation of antigen F4/80: macrophages associated with epithelia. Hume DA, et al. **Anat Rec** 1984 Nov;210(3):503-12
Genetic selection for antibody responsiveness in mice: further evidence for inverse modification of macrophage catabolic activity without alteration of the expression of T-cell-mediated immunity. Mouton D, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):173-86
Cell-mediated immunity in mice treated with Mycobacterium leprae or with macrophages harbouring M. leprae. Ridel PR, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):39-50
Natural resistance to mycobacteria: antimicrobial activity and reactive oxygen intermediate releasing functions of murine macrophages. Stach JL, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):25-37
Defective intracellular lysis in macrophages from chronic chagasic patients. Diez RA, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):339-40
A new test for phagocytosis of human alveolar macrophages in suspension, using 99mTc labelled human serum albumin particles. Arnould R, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):283-8
The potential use of liposome-mediated antiviral therapy. Koff WC, et al. **Antiviral Res** 1985 Jun;5(3):179-90 (81 ref.)
Natural antiviral activity of mouse macrophages against encephalomyocarditis virus. Soldateschi D, et al. **Antiviral Res** 1985 Aug;5(4):217-27
Spermiophagy in vitro. Nechala L, et al. **Arch Androl** 1984;13(2-3):245-59
Phagocytosis and intracellular killing of Pseudomonas aeruginosa by peritoneal macrophages of mice. Maresz-Babczyszyn J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):481-7
Alveolar macrophages: antigen presentation activity in vivo. Holt PG, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):33-9
Divergent expression of cytotoxic and microbicidal functions of rabbit alveolar and peritoneal macrophages: effects of non-specific activation and a natural microbicidal peptide, MCP-1. Sorrell TC, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):53-63
Fc-receptor mediated protein phosphorylation in murine peritoneal macrophages. Johnston PA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):197-202
Turnover and fate of I-Ak antigen on the murine macrophage cell surface. Poutsiaka DD, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):216-21
Lipopolysaccharide and polyribonucleotide activation of macrophages: implications for a natural triggering signal in tumor cell killing. Torres BA, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):395-401
Macrophages in primary and secondary tumor growth: some implications for cancer therapy. Keller R. **Biomed Pharmacother** 1985;39(1):7-12
Macrophages, NK-cells, NK-like cells, and tumor surveillance in man. Reizenstein P. **Biomed Pharmacother** 1985;39(1):1-3
Novel fluorescence method to visualize antibody-dependent hydrogen peroxide-associated 'killing' of liposomes by phagocytes. Petty HR, et al. **Biophys J** 1985 Jun;47(6):837-40
Characterisation of macrophages infiltrating human mammary carcinomas. Steele RJ, et al. **Br J Cancer** 1985 Jan;51(1):135-8
Modifications of host defence mechanisms by an acute non-immunological inflammatory reaction. Florentin I, et al. **Br J Exp Pathol** 1985 Jun;66(3):257-70
Human fetal osteoclasts fail to express macrophage antigens. Horton MA, et al. **Br J Exp Pathol** 1985 Feb;66(1):103-8
A possible role for antibodies against spectrin in the interaction between erythroblasts and macrophages in vitro. Wiener E. **Br J Exp Pathol** 1985 Feb;66(1):17-25
Viruses and the versatile macrophage. Morahan PS, et al. **Br Med Bull** 1985 Jan;41(1):15-21 (120 ref.)
The ability of macrophages from head and neck cancer patients to kill tumor cells. Effect of prostaglandin inhibitors on cytotoxicity. Cameron DJ, et al. **Cancer** 1984 Dec 1;54(11):2403-8
In vivo assessment of tumor-induced nonspecific suppression of contact sensitivity. II. Regulation by cytokines and T cells via adoptive transfer. Garner RE, et al. **Cancer Immunol Immunother** 1984;18(2):135-7
Modulation of formation of tumor metastases by peritoneal macrophages elicited by various agents. Gorelik E, et al. **Cancer Immunol Immunother** 1985;19(1):35-42
The effect of indomethacin on the activation and effector function of suppressor cells from tumor-bearing mice. Pope BL. **Cancer Immunol Immunother** 1985;19(2):101-8
Selective macrophage activation by muramyldipeptide bound to monoclonal antibodies specific for mouse tumor cells. Roche AC, et al. **Cancer Immunol Immunother** 1984;18(3):155-9
Inhibition of lymphocyte mitogenesis by factor(s) released from macrophages isolated from ascitic fluid of advanced ovarian cancer patients. Sheid B, et al. **Cancer Immunol Immunother** 1984;17(3):190-4
Activation by a new synthetic acyltripeptide and its analogs entrapped in liposomes of rat alveolar macrophages to the tumor cytotoxic state. Sone S, et al. **Cancer Immunol Immunother** 1984;18(3):169-73
Further studies on the differences in cytotoxicity of human peripheral blood monocytes and bronchoalveolar macrophages for cultured human lung cells. Swinburne S, et al. **Cancer Immunol Immunother** 1985;19(1):62-7
Depression of macrophage functions and T-cell-mediated immunity to listeria infection in tumor-bearing mice and its prevention by PSK. Tsuru S, et al. **Cancer Immunol Immunother** 1984;18(3):160-3
Autologous tumor killing and natural cytotoxic activity of tumor-associated macrophages in cancer patients. Yanagawa E, et al. **Cancer Immunol Immunother** 1985;19(3):163-7
Macrophages and tumor growth. II. Cell kinetics at the site of allogeneic tumor growth. Barrera CN, et al. **Cancer Invest** 1985;3(1):7-13
Nonselective destruction of murine neoplastic cells by syngeneic tumoricidal macrophages. Fogler WE, et al. **Cancer Res** 1985 Jan;45(1):14-8
Correlation between cytotoxic and suppressor activities of human pulmonary alveolar macrophages. Hengst JC, et al. **Cancer Res** 1985 Jan;45(1):459-63
Cytotoxic activity of human pulmonary alveolar macrophages. Kan-Mitchell J, et al. **Cancer Res** 1985 Jan;45(1):453-8
Murine tumor cell lysis by antibody-dependent macrophage-mediated cytotoxicity using syngeneic monoclonal antibodies. Kawase I, et al. **Cancer Res** 1985 Apr;45(4):1663-8
Antitumor activity of macrophages in lung cancer patients with special reference to location of macrophages. Nakahashi H, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5906-9
Heterogeneity in the sensitivities of the 13762NF rat mammary adenocarcinoma cell clones to cytolysis mediated by extra- and intratumoral macrophages. North SM, et al. **Cancer Res** 1985 Apr;45(4):1453-8

Comparison of binding proteins on the surface of murine tumor cells for two lectins active in the lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Sep;45(9):4397-400

Identification of target proteins participating in a lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Jan;45(1):288-92

Partial purification and characterization of a human lymphokine which induces antileishmanial activity in mouse macrophages. Buchmuller Y, et al. **Cell Immunol** 1985 Jan;90(1):242-50

Nonimmune lymphocyte-macrophage interaction. I. Quantification by an automated colorimetric assay. Chong AS, et al. **Cell Immunol** 1985 May;92(2):265-76

Suppression of cellular and humoral immunity to T-dependent antigens by calorie restriction. Christadoss P, et al. **Cell Immunol** 1984 Oct 1;88(1):1-8

Down-regulation of Ia expression on macrophages by sea star factor. Donnelly JJ, et al. **Cell Immunol** 1985 Feb; 90(2):408-15

Leukocyte complement: interleukin-like properties of factor Bb. Hirani S, et al. **Cell Immunol** 1985 May;92(2):235-46

An anti-human monocyte/macrophage monoclonal antibody, reacting most strongly with macrophages in lymphoid tissue. Hogg N, et al. **Cell Immunol** 1985 May; 92(2):247-53

Growth inhibition of Cryptococcus neoformans by cloned cultured murine macrophages. Kitz DJ, et al. **Cell Immunol** 1984 Oct 15;88(2):489-500

Selective induction of delayed hypersensitivity T-effector and T-suppressor lymphocytes in vitro by haptenized bone marrow-derived macrophages. Knop J, et al. **Cell Immunol** 1984 Oct 15;88(2):411-20

Macrophage-mediated mitogenic suppression induced in mice of the C3H lineage by a vaccine strain of Salmonella typhimurium. Lee JC, et al. **Cell Immunol** 1985 Mar; 91(1):75-91

Rejection of murine ovarian cancer following treatment with regional immunotherapy: correlations with a neutrophil-mediated activation of cytostatic macrophages. Lichtenstein A. **Cell Immunol** 1985 Sep;94(2):521-35

Functional analysis of macrophage hybridomas. III. Inhibition of lymphocyte blastogenesis and tumor proliferation. Liu YN, et al. **Cell Immunol** 1985 Aug; 94(1):49-59

Inhibition of macrophage DNA synthesis by immunomodulators. II. Characterization of the suppression by muramyl dipeptide or lipopolysaccharide [3H]thymidine incorporation into macrophages. Nagao S, et al. **Cell Immunol** 1984 Dec;89(2):427-38

Role of macrophages as modulators but not as stimulators in primary mixed leukocyte reaction. Naito K, et al. **Cell Immunol** 1984 Oct 15;88(2):361-73

Lymphokine-activated cell-associated antigen involved in broad-reactive killer cell-mediated cytotoxicity. Nishimura T, et al. **Cell Immunol** 1985 Aug;94(1):122-32

Arachidonic acid-mediated and serum-opsonized-zymosan-mediated inhibition of complement production by macrophages. Lack of requirement for endogenous arachidonic acid metabolites. Rediske JJ, et al. **Cell Immunol** 1984 Oct 15;88(2):241-50

Macrophage procoagulant-inducing activity of influenza-specific effector T cells. Schiltknecht E, et al. **Cell Immunol** 1984 Dec;89(2):342-54

Antigens associated with the activation of murine mononuclear phagocytes in vivo: differential expression of lymphocyte function-associated antigen in the several stages of development. Strassmann G, et al. **Cell Immunol** 1985 Aug;94(1):265-75

Stimulator requirements for primed alloreactive T cells: macrophages and dendritic cells activate T cells across all genetic disparities. Sunshine GH, et al. **Cell Immunol** 1985 Mar;91(1):60-74

Macrophage-mediated suppression of immune responses in Toxoplasma-infected mice. II. Both H-2-linked and -nonlinked control of induction of suppressor macrophages. Suzuki Y, et al. **Cell Immunol** 1985 Apr 1; 91(2):375-84

Demonstration of a macrophage migration enhancement factor in the sera of young rabbits. Takata I, et al. **Cell Immunol** 1985 Oct 1;95(1):137-45

Correlation between chemoattractant-induced leukocyte adherence inhibition, macrophage chemotaxis, and macrophage inflammatory responses in vivo. Thomson DM, et al. **Cell Immunol** 1985 Sep;94(2):547-57

Macrophage-derived soluble factors mediate suppression induced by 2,4-dinitrophenyl-conjugated mouse IgG in hybridoma cells. Tsao BP, et al. **Cell Immunol** 1985 Apr 1;91(2):362-74

Abrogation of macrophage-mediated suppression of T-lymphocyte proliferation with hemoglobin and hemin is a function of iron content. Walker SM. **Cell Immunol** 1985 Jan;90(1):267-73

Effects of granuloma modulation induced by regulatory-T-lymphocyte activity on angiotensin II/III production by granuloma macrophages in murine schistosomiasis mansoni. Weinstock JV, et al. **Cell Immunol** 1985 Sep;94(2):558-67

Inhibition of macrophage activation by calcium channel blockers and calmodulin antagonists. Wright B, et al. **Cell Immunol** 1985 Oct 1;95(1):46-53

Activation of an interleukin-1-responsive T-cell lymphoma by fixed P388D1 macrophages and an antibody against the Ag:MHC T-cell receptor. Zlotnik A, et al. **Cell Immunol** 1985 Sep;94(2):447-53

Heterogeneity of the rat macrophage antigenic specificity of resident peritoneal and pleural macrophages. Caignard A, et al. **Cell Mol Biol** 1985;31(1):41-7

Cytologic observation on giant cell tumor of bone. Lu P, et al. **Chin Med J [Engl]** 1984 Jun;97(6):411-8

Expression of Ia like (HLA-DR) antigens on human alveolar macrophages. Clerici N, et al. **Clin Exp Immunol** 1984 Nov; 58(2):388-94

Human bronchoalveolar macrophage heterogeneity demonstrated by histochemistry, surface markers and phagocytosis. Gant VA, et al. **Clin Exp Immunol** 1985 Jun; 60(3):539-45

In vivo normobaric oxygen exposure depresses spleen cell in vitro Con A response. Effects of 2-mercaptoethanol and peritoneal cells. Gougerot-Pocidalo MA, et al. **Clin Exp Immunol** 1984 Nov;58(2):428-35

The effect of Pseudomonas alginate on rat alveolar macrophage phagocytosis and bacterial opsonization. Oliver AM, et al. **Clin Exp Immunol** 1985 Jan;59(1):190-6

Modulation of macrophage suppressive activity and prostaglandin release by lymphokines and interferon: comparison of alveolar, pleural and peritoneal macrophages. Sestini P, et al. **Clin Exp Immunol** 1984 Dec; 58(3):573-80

Reticuloendothelial Fc function in normal individuals and its relationship to the HLA antigen DR3. Williams BD, et al. **Clin Exp Immunol** 1985 Jun;60(3):532-8

Binding, endocytosis, and degradation of model immune complexes by murine macrophages at various levels of activation. Finbloom DS. **Clin Immunol Immunopathol** 1985 Sep;36(3):275-88

Macrophage chemotaxis in anti-tubular basement membrane-induced interstitial nephritis in guinea pigs. Kennedy TL, et al. **Clin Immunol Immunopathol** 1985 Aug; 36(2):243-8

Accessory cell function of human alveolar macrophages in B-cell activation induced by pokeweed mitogen. McCarron RM, et al. **Clin Immunol Immunopathol** 1984 Dec; 33(3):351-62

The delayed ontogenesis of Ia-positive macrophages: implications for host defense and self-tolerance in the neonate. Lu CY. **Clin Invest Med** 1984;7(4):263-7 (24 ref.)

The processing and presentation of Listeria monocytogenes antigens by macrophages. Ziegler HK. **Clin Invest Med** 1984;7(4):269-72

Circulating Fc-receptor blocking factors in IgA nephropathies. Roccatello D, et al. **Clin Nephrol** 1985 Apr; 23(4):159-68

Changes in the macrophage function with aging. De La Fuente M. **Comp Biochem Physiol [A]** 1985;81(4):935-8

Role of the macrophage in immunologically induced glomerulonephritis. Holdsworth SR, et al. **Contrib Nephrol** 1985;45:105-14

Macrophages and cellular immunity in experimental nephrosis and glomerulonephritis. Schreiner GF. **Contrib Nephrol** 1985;45:115-22

Macrophages as mediators of immunosuppression in murine African trypanosomiasis. Askonas BA. **Curr Top Microbiol Immunol** 1985;117:119-27 (39 ref.)

Coexpression of Lyb-2 and Mac-1 by murine lymphomas and subpopulations of normal spleen and bone marrow cells. Holmes KL, et al. **Curr Top Microbiol Immunol** 1984; 113:224-30

Alpha 1-fetoprotein--relation to impaired macrophage function in systemic lupus erythematosus? Wollina U. **Dermatol Monatsschr** 1984;170(11):703-4

T cell subsets and macrophages in lichen planus. In situ identification using monoclonal antibodies and histochemical techniques. Buechner SA. **Dermatologica** 1984;169(6):325-9

Characterization of cellular infiltrates in skin lesions of atopic eczema by means of monoclonal antibodies. Rocha C, et al. **Dermatologica** 1984;169(6):330-8

Attachment and phagocytosis by salmon macrophages of agarose beads coated with human C3b and C3bi. Johnson E, et al. **Dev Comp Immunol** 1984 Summer;8(3):623-30

Autochthonous murine tumors: effects of viral or ultraviolet induction, immunogenicity and transplantation on intratumoral macrophages and systemic inflammatory responses. Normann SJ, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):119-25

Receptor-mediated endocytosis of immunoglobulin-coated colloidal gold particles in cultured mouse peritoneal macrophages. Hedin U, et al. **Eur J Cell Biol** 1984 Sep; 35(1):41-8

Macrophages of athymic nude mice: Fc receptors, C receptors, phagocytic and pinocytic activities. Větvička V, et al. **Eur J Cell Biol** 1984 Sep;35(1):35-40

Macrophage antitumor activity: impaired responsiveness to interferon-gamma of macrophages from genetically defective mice. Boraschi D, et al. **Eur J Immunol** 1984 Nov;14(11):1061-3

Functional characteristics of murine macrophages responding to migration inhibitory factors. Michels E, et al. **Eur J Immunol** 1984 Oct;14(10):902-5

In vivo self-reactivity of mononuclear cells to T cells and macrophages exposed to HgCl2. Pelletier L, et al. **Eur J Immunol** 1985 May;15(5):460-5

Antigen processing by macrophages: definition of the ligand recognized by T-inducer cells. Puri J, et al. **Eur J Immunol** 1985 Apr;15(4):362-8

The respiratory burst is not required for killing of intracellular and extracellular parasites by a lymphokine-activated macrophage cell line. Scott P, et al. **Eur J Immunol** 1985 Jun;15(6):553-8

Specificity of immunosuppression by human alveolar cells. McCombs CC, et al. **Exp Lung Res** 1984;7(3-4):211-22

Study of spontaneous rosette formation and changes of sialic acid content in the surface glycoproteins of macrophages induced by hamster transplantable melanomas. Kozlowska K, et al. **Exp Pathol** 1985;27(2):123-8

Studies on the mechanism of macrophage cytotoxicity. Zippel D. **Exp Pathol** 1985;27(1):3-15

Subclass-specific antibody-dependent binding of macrophages to supported planar lipid monolayer membranes. Kimura K, et al. **FEBS Lett** 1985 Jul 22; 187(1):69-72

Macrophages and infertility: enhancement of human macrophage-mediated sperm killing by antisperm antibodies. London SN, et al. **Fertil Steril** 1985 Feb; 43(2):274-8

Establishment of a macrophage hybrid population by the fusion of mouse peritoneal macrophages with thymoma cells BW5147. Machala O, et al. **Folia Biol (Praha)** 1984; 30(5):363-7

A study of the role of macrophages in the graft-versus-host reaction. Sula K, et al. **Folia Biol (Praha)** 1985;31(1):38-49

Properties of macrophages from low- and high-responder strains of mice. I. Effect of antigenic stimulation. Větvička V, et al. **Folia Biol (Praha)** 1985;31(1):20-33

The effect of bilirubin on the Fc receptor expression and phagocytic activity of mouse peritoneal macrophages. Větvička V, et al. **Folia Microbiol (Praha)** 1985; 30(4):373-80

Monoclonal antibody-dependent murine macrophage-mediated cytotoxicity against human tumors is stimulated by lentinan. Herlyn D, et al. **Gann** 1985 Jan; 76(1):37-42

In vitro cytotoxicity to various human tumor cell lines of a tumor cytotoxic factor(s) produced by human alveolar macrophages. Sone S, et al. **Gann** 1984 Oct;75(10):920-8

Influence of colchicine and cytochalasin B on pinocytosis, phagocytosis, and antibody-dependent cell-mediated cytotoxicity. Piasek A, et al. **Hamatol Bluttransfus** 1985; 29:511-3

Whole-cell-mount cytochemistry by the colloidal gold labeling method. Combined transmission and scanning electron microscopic study of ConA binding sites in mouse macrophages. Takata K, et al. **Histochemistry** 1984; 81(5):435-9

Use of colloidal gold and ruthenium red in stereo high-voltage electron microscopic study of Con A-binding sites in mouse macrophages. Takata K, et al. **Histochemistry** 1984;81(5):441-4

3AE8: monoclonal antibody defining inflammatory macrophages in three species. Chen Z, et al. **Hybridoma** 1984 Summer;3(2):141-50

Stimulation of macrophage activity by 12-O-tetradecanoylphorbol-13-acetate. Gemsa D, et al. **IARC Sci Publ** 1984;(56):319-36

Processing and presentation of hen egg-white lysozyme by macrophages. Allen PM, et al. **Immunobiology** 1984 Dec; 168(3-5):182-8

Accessory cells and T cell activation. The relationship between two components of macrophage accessory cell function: I-A and IL1. Durum SK, et al. **Immunobiology** 1984 Dec;168(3-5):213-31 (51 ref.)

Modulation of natural killing by tumor promoters: the regulatory influence of adherent cells varies with the type of target cell. Kabelitz D. **Immunobiology** 1985 May; 169(4):436-46

Selection of the delayed hypersensitivity T effector and T suppressor cell response by antigen-presenting macrophages. Knop J, et al. **Immunobiology** 1984 Dec; 168(3-5):246-59 (77 ref.)

Heterogeneity of macrophages and dendritic cells as accessory cells. Lee KC, et al. **Immunobiology** 1984 Dec; 168(3-5):172-81

Characterization of Lotus tetragonolobus fucolectin components for differences in hemagglutinating and macrophage activating activities. Leu RW, et al. **Immunobiology** 1985 Apr;169(3):250-62

Lipopolysaccharide significantly enhances erythrophagocytosis but marginally stimulates the phagocytosis of Staphylococcus aureus in mouse peritoneal macrophages. Lokesh BR, et al. **Immunobiology** 1985 Feb; 169(1):11-20

The acquisition of anti-influenza virus activity by macrophages. Mak NK, et al. **Immunobiology** 1984 May; 166(4-5):458-72

Regulation of Fc mu receptor-mediated functions of resident and provoked peritoneal macrophages. Medgyesi GA, et al. **Immunobiology** 1984 Oct;167(4):293-300

Macrophages as regulatory cells in mitogen induced spleen cell proliferation. 1. Macrophages as suppressor cells. Travniczek E, et al. **Immunobiology** 1984 Dec; 168(3-5):260-73

Gm-3.2, a new granulocyte/macrophage alloantigen. Hibbs ML, et al. **Immunogenetics** 1985;21(1):61-70

Preservation of Fc gamma receptor-mediated particle phagocytosis and binding with rat alveolar macrophages adhered to a plastic substrate in a serum free system. Lehnert BE, et al. **Immunol Commun** 1984;13(4):313-23

Impaired antigen presenting function of macrophages from aged mice. Větvička V, et al. **Immunol Invest** 1985 Apr; 14(2):105-14

Antigen presentation by proliferating thymic macrophages to A (T,G)-A-L specific T cell line in an H-2 restricted manner. Axelrod O, et al. **Immunol Lett** 1985;10(1):25-30

Monoclonal antibodies against differentiation antigens on human macrophages. Emmrich F, et al. **Immunol Lett** 1985; 9(6):321-4

EL-4 and macrophages: generation of chemotactic monokines. Jutila M, et al. **Immunol Lett** 1984;8(3):137-42

Strain dependence of rat macrophage natural tumoricidal capacity and its stimulation by endotoxins. Lagadec P, et al. **Immunol Lett** 1985;9(2-3):117-22

Phenotypic characterization and functional activity of human milk macrophages. Leyva-Cobián F, et al. **Immunol Lett** 1984;8(5):249-56

Analysis of Ia-antigen(s) positive macrophages in experimental murine toxoplasmosis. Omata Y, et al. **Immunol Lett** 1984;8(3):147-52

Ability of rosetting or non-rosetting individual control and inflammatory macrophages to kill Escherichia coli X43 intracellularly. Rhodes JM, et al. **Immunol Lett** 1985; 9(1):33-7

Activation of mouse macrophages causes no change in expression and function of phorbol diesters' receptors, but is accompanied by alterations in the activity and kinetic parameters of NADPH oxidase. Berton G, et al. **Immunology** 1985 Feb;54(2):371-9

Macrophage-mediated suppression of T lymphocyte proliferation induced by oral carrageenan administration. Cochran FR, et al. **Immunology** 1984 Oct;53(2):291-7

Genetically determined resistance to listeriosis is associated with increased accumulation of inflammatory neutrophils and macrophages which have enhanced listericidal activity. Czuprynski CJ, et al. **Immunology** 1985 Jul;55(3):511-8

Role of macrophage cell surface sulphydryl groups in endocytosis, but not recognition of immune complexes. Dereski W, et al. **Immunology** 1985 Feb;54(2):397-9

Marginal zone macrophages identified by a monoclonal antibody: characterization of immuno- and enzyme-histochemical properties and functional capacities. Dijkstra CD, et al. **Immunology** 1985 May;55(1):23-30

The heterogeneity of mononuclear phagocytes in lymphoid organs: distinct macrophage subpopulations in the rat recognized by monoclonal antibodies ED1, ED2 and ED3. Dijkstra CD, et al. **Immunology** 1985 Mar;54(3):589-99

Macrophage functions in Biozzi mice. Dockrell HM, et al. **Immunology** 1985 Jul;55(3):501-9

Differential expression of HLA class II antigens on human fetal and adult lymphocytes and macrophages. Edwards JA, et al. **Immunology** 1985 Jul;55(3):489-500

Activation of alveolar macrophages following infection with the parasitic nematode Nippostrongylus brasiliensis. Egwang TG, et al. **Immunology** 1985 Mar;54(3):581-8

Thymus-derived macrophages in long-term culture: release of IL-1, stimulation of MLR and expression of tumoricidal activity. Gallily R, et al. **Immunology** 1985 May; 55(1):165-72

Differential requirements for rabbit dendritic cells and macrophages in T lymphocyte proliferation induced by various mitogens. Kapsenberg ML, et al. **Immunology** 1985 Jun;55(2):301-10

Cell surface antigens on the guinea-pig macrophage: identification by monoclonal antibodies and association with the activation state. Mauer-Gross U, et al. **Immunology** 1985 Jul;55(3):519-30

Suppression of delayed-type hypersensitivity mediated by macrophage-like cells in mice with experimental liver injury. Tajima S, et al. **Immunology** 1985 Jan;54(1):57-64

Effect of oral administration of different combinations of killed bacteria on some depressed macrophage functions in tumor-bearing rats. Iannello D, et al. **Immunopharmacology** 1985 Jun;9(3):181-7

Systemic Coccidioides immitis infection in nude and beige mice. Clemons KV, et al. **Infect Immun** 1985 Mar; 47(3):814-21

Enhanced superoxide release and tumoricidal activity by a postlavage, in situ pulmonary macrophage population in response to activation by Mycobacterium bovis BCG exposure. Drath DB. **Infect Immun** 1985 Jul;49(1):72-5

Role of resident macrophages, peripheral neutrophils, and translymphatic absorption in bacterial clearance from the peritoneal cavity. Dunn DL, et al. **Infect Immun** 1985 Aug; 49(2):257-64

In vivo analysis of impaired macrophage bactericidal capacity during experimental African trypanosomiasis. Glick DL, et al. **Infect Immun** 1984 Dec;46(3):663-7

Effect of thioglycolate on phagocytic and microbicidal activities of peritoneal macrophages. Leijh PC, et al. **Infect Immun** 1984 Nov;46(2):448-52

Extracellular stimulation by serum proteins required for maximal intracellular killing of microorganisms by mouse peritoneal macrophages. Leijh PC, et al. **Infect Immun** 1984 Dec;46(3):754-8

Depressing hepatic macrophage complement receptor function causes increased susceptibility to endotoxemia and infection. Loegering DJ, et al. **Infect Immun** 1985 Mar; 47(3):659-64

Pulmonary macrophage function during experimental cytomegalovirus interstitial pneumonia. Miller SA, et al. **Infect Immun** 1985 Jan;47(1):211-6

Activation of mouse peritoneal adherent cells with N-acyl muramyl dipeptide derivatives. Nishimura K, et al. **Infect Immun** 1985 Mar;47(3):665-9

Ontogeny of macrophage-mediated protection against Listeria monocytogenes. Ohara R, et al. **Infect Immun** 1985 Jun;48(3):763-8

An in vitro system to study listericidal capacity of macrophages from separate mice: resident macrophages exhibit different activation patterns. Ottendorfer D, et al. **Infect Immun** 1985 Sep;49(3):685-91

Antimicrobial activities of dialysate-elicited and resident human peritoneal macrophages. Peterson PK, et al. **Infect Immun** 1985 Jul;49(1):212-8

Suppression of cellular immunity to Listeria monocytogenes by activated macrophages: mediation by prostaglandins. Petit JC, et al. **Infect Immun** 1985 Aug;49(2):383-8

Role of fibronectin in human monocyte and macrophage bactericidal activity. Proctor RA, et al. **Infect Immun** 1985 Mar;47(3):629-37

Oxidative metabolism of neonatal and adult rabbit lung macrophages stimulated with opsonized group B streptococci. Sherman MP, et al. **Infect Immun** 1985 Jan; 47(1):26-30

Macrophage activation and induction of macrophage cytotoxicity by purified polysaccharide fractions from the plant Echinacea purpurea. Stimpel M, et al. **Infect Immun** 1984 Dec;46(3):845-9

Macrophage-related fibrinolysis in experimental disseminated histoplasmosis. Tiku ML, et al. **Infect Immun** 1985 Sep; 49(3):641-6

Role of specific antibody in interaction of leptospires with human monocytes and monocyte-derived macrophages. Wang B, et al. **Infect Immun** 1984 Dec;46(3):809-13

Flagella help Salmonella typhimurium survive within murine macrophages. Weinstein DL, et al. **Infect Immun** 1984 Dec; 46(3):819-25

Activation of neonatal and adult human macrophages by alpha, beta, and gamma interferons. Wilson CB, et al. **Infect Immun** 1985 Aug;49(2):351-6

Enhancing effects of gamma interferon on phagocytic cell association with and killing of Trypanosoma cruzi. Wirth JJ, et al. **Infect Immun** 1985 Jul;49(1):61-6

A dramatic representation of immunological cooperative events. Celada F, et al. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:28-33

Uptake of intravenously administered soluble immune complexes by type I alveolar cells and macrophages in mice. Kanayama Y, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):108-11

Antigenic competition in the induction of contact sensitivity in the guinea pig. Polak L. **Int Arch Allergy Appl Immunol** 1985;76(3):275-81

Tumor-associated macrophages stimulate the proliferation of murine tumor cells surviving treatment with the oncolytic cyclophosphamide analogue Asta Z-7557: in vivo implications. Evans R, et al. **Int J Cancer** 1984 Dec 15;34(6):883-90

Separation of macrophages on discontinuous bovine serum albumin (BSA) density gradients: cytotoxic effects of fractionated cells from normal donors and cancer patients. Cameron DJ. **Int J Immunopharmacol** 1984;6(6):601-7

Involvement of prostaglandins in LPS-mediated regulation of plasminogen activator synthesis by inflammatory macrophages. Drapier JC, et al. **Int J Immunopharmacol** 1984;6(4):345-50

Effects of dietary technical pentachlorophenol exposure on T cell, macrophage and natural killer cell activity in C57Bl/6 mice. Kerkvliet NI, et al. **Int J Immunopharmacol** 1985;7(2):239-47

Phagocytic and bactericidal activities of macrophages from Mycobacterium leprae-infected normal and immunosuppressed mice. Vaishnavi C, et al. **Int J Lepr Other Mycobact Dis** 1985 Jun;53(2):233-7

Effects of antiserum to Trypanosoma cruzi on the uptake and rate of killing of vector-borne, metacyclic forms of the parasite by macrophages. Kierszenbaum F, et al. **Int J Parasitol** 1985 Aug;15(4):409-13

Monocyte and macrophage Fc-receptor function in systemic vasculitis with renal involvement. Roccatello D, et al. **Int J Tissue React** 1984;6(6):541-5

Selecting, accelerating and suppressing interactions between macrophages and tumor cells. De Baetselier P, et al. **Invasion Metastasis** 1985;5(2):106-24

Studies on the mechanism of macrophage-mediated tumor cell lysis induced by Mycoplasma orale. Loewenstein J, et al. **Isr J Med Sci** 1984 Sep;20(9):895-7

Activation of tumoricidal properties in macrophages and inhibition of experimentally-induced murine metastases by a new synthetic acyltripeptide, FK-565. Inamura N, et al. **J Biol Response Mod** 1985 Aug;4(4):408-17

Enhanced alveolar macrophage-mediated antigen-induced T-lymphocyte proliferation in sarcoidosis. Venet A, et al. **J Clin Invest** 1985 Jan;75(1):293-301

Analysis of protective mechanisms against infection by Serratia marcescens. Okada K. **J Clin Lab Immunol** 1985 Apr;16(4):183-90

Mechanism of immunosuppression in leprosy--macrophage membrane alterations. Salgame PR, et al. **J Clin Lab Immunol** 1984 Jul;14(3):145-9

Phagocytosis of Staphylococcus aureus by bovine mammary gland macrophages and intracellular protection from antibiotic action in vitro and in vivo. Craven N, et al. **J Dairy Res** 1984 Nov;51(4):513-23

Macrophage complement and lectin-like receptors bind leishmania in the absence of serum. Blackwell JM, et al. **J Exp Med** 1985 Jul 1;162(1):324-31

Connective tissue proteins and phagocytic cell function. Laminin enhances complement and Fc-mediated phagocytosis by cultured human macrophages. Bohnsack JF, et al. **J Exp Med** 1985 May 1;161(5):912-23

In vivo activation of macrophage C3 receptors for phagocytosis. Griffin FM Jr, et al. **J Exp Med** 1985 Jul 1;162(1):352-7

Authentic T helper CD4 (W3/25) antigen on rat peritoneal macrophages. Jefferies WA, et al. **J Exp Med** 1985 Jul 1;162(1):117-27

Liver macrophages in murine listeriosis. Cell-mediated immunity is correlated with an influx of macrophages capable of generating reactive oxygen intermediates. Lepay DA, et al. **J Exp Med** 1985 Jun 1;161(6):1503-12

Expression of murine Lm-1 locus. Lm-1 determinants on lymphocytes and macrophages, and effects of Lm-1 incompatibility on bone marrow grafts. O'Toole MM, et al. **J Exp Med** 1985 Aug 1;162(2):607-24

Marginal zone macrophages in the mouse spleen identified by a monoclonal antibody. Anatomical correlation with a B cell subpopulation. van Vliet E, et al. **J Histochem Cytochem** 1985 Jan;33(1):40-4

Strain dependence of muramyl dipeptide-induced LAF(IL 1) release by murine-adherent peritoneal cells. Abehsira-Amar O, et al. **J Immunol** 1985 Jan;134(1):365-8

In vitro natural cell-mediated cytotoxicity against Candida albicans: macrophage precursors as effector cells. Baccarini M, et al. **J Immunol** 1985 Apr;134(4):2658-65

The effects of beryllium and other adjuvants on Ia expression by macrophages. Behbehani K, et al. **J Immunol** 1985 Apr; 134(4):2047-9

Fibronectin-enhanced phagocytosis of an alternative pathway activator by human culture-derived macrophages is mediated by the C4b/C3b complement receptor (CR1). Bohnsack JF, et al. **J Immunol** 1985 Oct;135(4):2680-6

Human splenic sinusoidal lining cells express antigens associated with monocytes, macrophages, endothelial cells, and T lymphocytes. Buckley PJ, et al. **J Immunol** 1985 Apr;134(4):2310-5

Evidence for the involvement of cytolytic macrophages in rejection of SV40-induced tumors. Chapes SK, et al. **J Immunol** 1985 Sep;135(3):2192-8

Enhancement of macrophage immune and nonimmune receptor-mediated phagocytosis by a low molecular weight soluble factor from resident thymocytes. Coleman DL, et al. **J Immunol** 1984 Dec;133(6):3121-7

Deactivation of guinea pig pulmonary alveolar macrophage responses to N-formyl-methionyl-leucyl-phenylalanine: chemotaxis, superoxide generation, and binding. Daughaday CC, et al. **J Immunol** 1985 Mar;134(3):1823-6

Macrophage T lymphocyte interactions in the anti-tumor immune response: a mathematical model. De Boer RJ, et al. **J Immunol** 1985 Apr;134(4):2748-58

The mechanism of tumor growth inhibition by tumor-specific Lyt-1+2-T cells. I. Antitumor effect of Lyt-1+2-T cells depends on the existence of adherent cells. Fujiwara H, et al. **J Immunol** 1985 Sep;135(3):2187-91

Fc gamma receptor-mediated suppression of gamma-interferon-induced Ia antigen expression on a murine macrophage-like cell line (P338D1). Hanaumi K, et al. **J Immunol** 1984 Dec;133(6):2852-6

Characterization of mononuclear phagocyte subpopulations in the human lung by using monoclonal antibodies: changes in alveolar macrophage phenotype associated with pulmonary sarcoidosis. Hance AJ, et al. **J Immunol** 1985 Jan;134(1):284-92

Functional analysis of cloned macrophage hybridomas. IV. Induction and inhibition of mixed lymphocyte responses. Ju ST, et al. **J Immunol** 1985 Jun;134(6):3722-30

Modulation of macrophage-mediated tumoricidal activity by neuropeptides and neurohormones. Koff WC, et al. **J Immunol** 1985 Jul;135(1):350-4

Lactoferrin effects on phagocytic cell function. I. Increased uptake and killing of an intracellular parasite by murine macrophages and human monocytes. Lima MF, et al. **J Immunol** 1985 Jun;134(6):4176-83

Antagonistic effect of interferon-beta on the interferon-gamma-induced expression of Ia antigen in murine macrophages. Ling PD, et al. **J Immunol** 1985 Sep; 135(3):1857-63

Structural requirements of immunoglobulin G for binding to the Fc gamma receptors of the human tumor cell lines U937, HL-60, ML-1, and K562. McCool D, et al. **J Immunol** 1985 Sep;135(3):1975-80

In vitro T cell-mediated killing of Pseudomonas aeruginosa. II. The role of macrophages and T cell subsets in T cell killing. Markham RB, et al. **J Immunol** 1985 Jun; 134(6):4112-7

Binding of calmodulin to the microfilament network correlates with induction of a macrophage tumoricidal response. Mecham JO, et al. **J Immunol** 1985 May; 134(5):3516-23

Antigenic profile and functional characterization of human peritoneal macrophages. Mottolese M, et al. **J Immunol** 1985 Jul;135(1):200-6

Activation of tissue macrophages from AIDS patients: in vitro response of AIDS alveolar macrophages to lymphokines and interferon-gamma. Murray HW, et al. **J Immunol** 1985 Oct;135(4):2374-7

Activation of mouse peritoneal macrophages in vitro and in vivo by interferon-gamma. Murray HW, et al. **J Immunol** 1985 Mar;134(3):1619-22

Macrophage activation to kill Leishmania tropica: characterization of P/J mouse macrophage defects for lymphokine-induced antimicrobial activities against Leishmania tropica amastigotes. Nacy CA, et al. **J Immunol** 1984 Dec;133(6):3344-50

Studies on macrophage-activating factor (MAF) in antitumor immune responses. I. Tumor-specific Lyt-1+2- T cells are required for producing MAF able to generate cytolytic as well as cytostatic macrophages. Nakajima H, et al. **J Immunol** 1985 Sep;135(3):2199-205

Membrane vesicles shed by murine melanoma cells selectively inhibit the expression of Ia antigen by macrophages. Poutsiaka DD, et al. **J Immunol** 1985 Jan; 134(1):138-44

Inhibition of recombinant interferon-gamma-induced Ia antigen expression by shed B16 F10 melanoma cell membrane vesicles. Poutsiaka DD, et al. **J Immunol** 1985 Jan;134(1):145-50

Complement receptor type three-dependent degradation of opsonized erythrocytes by mouse macrophages. Rothlein R, et al. **J Immunol** 1985 Oct;135(4):2668-72

Generation of functional I-Ed variants from an antigen-presenting macrophage cell line. Schwarzbaum S, et al. **J Immunol** 1985 Jul;135(1):141-6

Studies on antigens associated with the activation of murine mononuclear phagocytes: kinetics of and requirements for induction of lymphocyte function-associated (LFA)-1 antigen in vitro. Strassmann G, et al. **J Immunol** 1985 Jul; 135(1):147-51

Phagocytosis by mouse peritoneal macrophages plated on monoclonal antibody-coated immune complex-substrates: effects of complexes of different IgG subclasses on Fc receptor functions. Sung SS. **J Immunol** 1985 Sep; 135(3):1981-6

Inhibition of macrophage C3b-mediated ingestion by syphilitic hamster T cell-enriched fractions. Tabor DR, et al. **J Immunol** 1984 Nov;133(5):2698-705

Functional analysis of macrophage hybridomas. I. Production and initial characterization. Uchida T, et al. **J Immunol** 1985 Feb;134(2):772-8

Differences in initial rate of intracellular killing of Salmonella typhimurium by resident peritoneal macrophages from various mouse strains. van Dissel JT, et al. **J Immunol** 1985 May;134(5):3404-10

Bone marrow-derived macrophages: development and regulation of differentiation markers by colony-stimulating factor and interferons. Warren MK, et al. **J Immunol** 1985 Feb;134(2):982-9

LPS regulation of the immune response: separate mechanisms for murine B cell activation by lipid A (direct) and polysaccharide (macrophage-dependent) derived from Bacteroides LPS. Williamson SI, et al. **J Immunol** 1984 Nov;133(5):2294-300

A monoclonal antibody to a differentiation antigen present on mature human macrophages and absent from monocytes. Zwadlo G, et al. **J Immunol** 1985 Mar;134(3):1487-92

Enrichment of macrophages in cell suspensions of human intestinal mucosa by elutriation centrifugation. Beeken W, et al. **J Immunol Methods** 1984 Oct 12;73(1):189-201

A one-plate assay for macrophage bactericidal activity. Peck R. **J Immunol Methods** 1985 Sep 3;82(1):131-40

A simple method for the solubilisation of reduced NBT, and its use as a colorimetric assay for activation of human macrophages by gamma-interferon. Rook GA, et al. **J Immunol Methods** 1985 Sep 3;82(1):161-7

The influence of murine macrophage-conditioned medium on cloning efficiency, antibody synthesis, and growth rate of hybridomas. Sugasawara RJ, et al. **J Immunol Methods** 1985 May 23;79(2):263-75

Genetic resistance of mice to persistent infection with Mycobacterium lepraemurium in vitro: association with macrophage bactericidal responsiveness to lymphokines and dissociation from production of hydrogen peroxide by macrophages. Sankaran K, et al. **J Immunopharmacol** 1984; 6(4):277-89

Intracellular growth and phagocytosis of Blastomyces dermatitidis by monocyte-derived macrophages from previously infected and normal subjects. Bradsher RW, et al. **J Infect Dis** 1985 Jan;151(1):57-64

Phagocytosis and killing of common bacterial pathogens of the lung by human alveolar macrophages. Jonsson S, et al. **J Infect Dis** 1985 Jul;152(1):4-13

In vivo bronchoalveolar macrophage defense against Rhizopus oryzae and Aspergillus fumigatus. Waldorf AR, et al. **J Infect Dis** 1984 Nov;150(5):752-60

Laminin selectively enhances monocyte-macrophage-mediated tumoricidal activity. Perri RT, et al. **J Lab Clin Med** 1985 Jan;105(1):30-5

Macrophage activation by cross-linked dextran. Blanckmeister CA, et al. **J Leukocyte Biol** 1985 Feb; 37(2):209-19

Differential expression of macrophage effector functions: bactericidal versus tumoricidal activities. Campbell PA, et al. **J Leukocyte Biol** 1984 Sep;36(3):293-306

Enhanced lysis of [125I]5-iodo-2'-deoxyuridine-labeled target cells in the presence of normal macrophages: possible mechanisms of action. Evans R, et al. **J Leukocyte Biol** 1985 Jan;37(1):63-73

Effects of recombinant interferon-gamma on HLA-DR antigen shedding by human peripheral blood adherent mononuclear cells. Gershon HE, et al. **J Leukocyte Biol** 1985 Aug;38(2):279-91

Relationships between oxidative metabolism, macrophage activation, and antilisterial activity. Godfrey RW, et al. **J Leukocyte Biol** 1984 Oct;36(4):533-43

Inhibition of yeast phagocytosis in macrophage cultures treated with slime polysaccharide purified from Pseudomonas aeruginosa. Grasso RJ, et al. **J Leukocyte Biol** 1984 Dec;36(6):771-4

Intracellular activation of human and rodent macrophages by human lymphokines encapsulated in liposomes. Kleinerman ES, et al. **J Leukocyte Biol** 1985 May; 37(5):571-84

A macrophage-derived factor that inhibits the production and action of interleukin 2. Krakauer T. **J Leukocyte Biol** 1985 Sep;38(3):429-39

A lectinlike receptor on murine macrophage cell line cells, Mm1: involvement of sialic acid-binding sites in opsonin-independent phagocytosis for xenogeneic red cells. Kyoizumi S, et al. **J Leukocyte Biol** 1985 Mar;37(3):289-304

Modulation of mononuclear phagocyte cytotoxicity by alpha-tocopherol (vitamin E). Leb L, et al. **J Leukocyte Biol** 1985 Apr;37(4):449-59

Opsonin-independent phagocytosis of surface-adherent bacteria by human alveolar macrophages. Lee DA, et al. **J Leukocyte Biol** 1984 Dec;36(6):689-701

Preparation for hapten help by glucan, muramyl dipeptide, and its L-ala-Glycerol-mycolate derivative. Leech SH, et al. **J Leukocyte Biol** 1985 Aug;38(2):317-25

Characterization of macrophage dysfunction in rodent malaria. Loose LD. **J Leukocyte Biol** 1984 Dec; 36(6):703-18

Interleukin 1 secretion by human monocytes and macrophages. Mayernik DG, et al. **J Leukocyte Biol** 1984 Oct;36(4):551-7

Phospholipase A2 activity of Fc gamma 2b receptors of thioglycollate-elicited murine peritoneal macrophages. Nitta T, et al. **J Leukocyte Biol** 1984 Oct;36(4):493-504

Antileukocyte activity I. Systemic inhibition of cellular emigration following local inflammation. Normann SJ, et al. **J Leukocyte Biol** 1985 Mar;37(3):319-30

The strain of mouse and assay conditions influence whether MuIFN-gamma primes or activates macrophages for tumor cell killing. Pace JL, et al. **J Leukocyte Biol** 1985 Apr; 37(4):475-9

Effect of prostaglandins on complement production by tissue macrophages. Rediske JJ, et al. **J Leukocyte Biol** 1985 May; 37(5):651-8

Interaction of plasma fibronectin (pFN) with membranous constituents of peritoneal exudate cells and pulmonary macrophages. Rovin B, et al. **J Leukocyte Biol** 1984 Nov; 36(5):601-20

Interferon production in murine macrophage-like cell lines. Salo RJ, et al. **J Leukocyte Biol** 1985 Apr;37(4):395-406

Ki-M2R, a new specific monoclonal antibody, discriminates tissue macrophages from reticulum cells and monocytes in vivo and in vitro. Wacker HH, et al. **J Leukocyte Biol** 1985 Oct;38(4):509-20

Enhancement of hamster alveolar macrophage phagocytic activity by lymphokines. Widen RH, et al. **J Leukocyte Biol** 1985 Mar;37(3):349-58

Reactivity of anti-asialo GM1 serum with tumoricidal and non-tumoricidal mouse macrophages. Wiltrout RH, et al. **J Leukocyte Biol** 1985 May;37(5):597-614

Macrophage procoagulant activity as a measure of cell-mediated immunity to P2 protein of peripheral nerves in the Guillain-Barré syndrome. Geczy C, et al. **J Neuroimmunol** 1985 Aug;9(3-4):179-91

Identification of macrophages and smooth muscle cells in human atherosclerosis using monoclonal antibodies. Aqel NM, et al. **J Pathol** 1985 Jul;146(3):197-204

In vitro immunosuppression mediated by an extracellular polysaccharide from Capnocytophaga ochracea. Influence of macrophages. Bolton RW, et al. **J Periodont Res** 1985 May;20(3):251-9

Detection of macrophages and the characterization of Fc receptor-bearing cells in the mouse decidua, placenta and yolk sac using the macrophage-specific monoclonal antibody F4/80. Matthews CJ, et al. **J Reprod Immunol** 1985 Jun;7(4):315-23

Macrophage-mediated natural cytotoxicity of dimethyl sulfoxide-treated Friend erythroleukemia cells. Hsu KH, et al. **JNCI** 1985 Jul;75(1):105-10

Antibody-dependent cellular cytotoxicity in blood monocytes and alveolar macrophages in patients with lung cancer. McLennan G, et al. **JNCI** 1985 Jul;75(1):23-7

Stimulation of proliferation in mixed cultures of mouse tumor cells and nonimmune peritoneal cells. II. Stimulation of tumor cells by macrophages and of lymphocytes by a tumor cell product. Nelson M, et al. **JNCI** 1985 Mar;74(3):637-45

Inhibition of macrophage Ia antigen expression by shed plasma membrane vesicles from metastatic murine melanoma lines. Taylor DD, et al. **JNCI** 1985 Apr; 74(4):859-67

Prevention of tumor metastasis after surgical removal of primary tumor by using in vitro activated macrophages. Okuno K, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):87-94

Cytotoxic effects of polymorphonuclear leukocytes and macrophages in patients undergoing lymph depletion via thoracic duct drainage. Cameron DJ. **Jpn J Exp Med** 1984 Oct;54(5):195-200

Analysis of peritoneal macrophages in continuous ambulatory peritoneal dialysis patients. Goldstein CS, et al. **Kidney Int** 1984 Nov;26(5):733-40

Inhaled asbestos activates a complement-dependent chemoattractant for macrophages. Warheit DB, et al. **Lab Invest** 1985 May;52(5):505-14

Direct contact between macrophages and plasma cells in antibody production. Baradi AF. **Lymphology** 1984 Dec; 17(4):115-7

Preparation and use of monoclonal antimacrophage antibodies. Ho MK, et al. **Methods Enzymol** 1984; 108:313-24

Immunosuppressive activities of peritoneal and splenic macrophages in murine leprosy: effect on lymphocyte transformation and tumor growth. Ha DK, et al. **Microbiol Immunol** 1984;28(7):793-806

Suppressor macrophages in lymphocyte proliferation of cynomolgus monkeys. Tatsumi M. **Microbiol Immunol** 1984;28(6):703-14

Participation of macrophages in enhanced in vitro immune interferon (IFN gamma) production with mouse spleen cells. Yamaguchi T, et al. **Microbiol Immunol** 1984; 28(9):1031-40

Effects of leukotriene C4 on macrophage association with and intracellular fate of Trypanosoma cruzi. Wirth JJ, et al. **Mol Biochem Parasitol** 1985 Apr;15(1):1-10

Macrophage handling of soluble immune complexes: evaluation of mechanisms involved in the selective clearance of complexes from the circulation. Leslie RG. **Mol Immunol** 1985 May;22(5):513-9

Regulatory role of macrophages in tumor allograft development. Vidrnová M, et al. **Neoplasma** 1985;32(1):3-8

Use of monoclonal antiacetylcholine receptor antibodies to investigate the macrophage inflammation of acute experimental myasthenia gravis: refractoriness to a second episode of acute disease. Corey AL, et al. **Neurology** 1985 Oct;35(10):1455-60

Multinucleate giant cells in murine and rat lungs during Nippostrongylus brasiliensis infections. A study of the kinetics of the response in vivo, cytochemistry, IgG- and C3-mediated functions. Egwang TG, et al. **Parasite Immunol** 1985 Jan;7(1):11-8

Ultrastructural studies of the killing of schistosomula of Schistosoma mansoni by activated macrophages in vitro. McLaren DJ, et al. **Parasite Immunol** 1985 May;7(3):315-31

Impaired macrophage leishmanicidal activity at cutaneous temperature. Scott P. **Parasite Immunol** 1985 May; 7(3):277-88

Antibody-dependent cellular cytotoxicity of Trypanosoma theileri mediated by purified bovine isotypes and subisotypes. Townsend J, et al. **Parasite Immunol** 1985 Mar; 7(2):179-89

Early local reaction and lymph node permeation of rat carcinoma HH9-cl 14 cells. An immunohistological approach. Grundmann E, et al. **Pathol Res Pract** 1985 Jan; 179(3):304-9

What's new in macrophage-tumor cell interaction? Kopper L, et al. **Pathol Res Pract** 1985 May;179(6):652-5 (47 ref.)

Monoclonal anti-T-cell antibodies react with circulating myeloid leukemia cells and normal tissue macrophages. Pilkington GR, et al. **Pathology** 1984 Oct;16(4):447-54

Macrophage function in primary and secondary glomerulonephritis. Roccatello D, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:661-5

Immunization with Leishmania receptor for macrophages protects mice against cutaneous leishmaniasis. Handman E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5910-4

Identification of a membrane-associated interleukin 1 in macrophages. Kurt-Jones EA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1204-8

Comparison of bronchoalveolar lavage cells from germfree and conventional lambs. Joel DD, et al. **Prog Clin Biol Res** 1985;181:367-70

Fc receptor-dependent activation of effector function of gnotobiotic porcine pulmonary alveolar macrophages. Rothlein R, et al. **Prog Clin Biol Res** 1985;181:371-5

Amplification by macrophages of prostaglandin-mediated immunosuppression in mice bearing syngeneic tumors. Plescia OJ, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):205-23

Cellular strategies in receptor-mediated phagocytosis. Wright SD. **Rev Infect Dis** 1985 May-Jun;7(3):395-7

Experimentally induced streptococcal carditis and arthritis in mice treated with anti-macrophage antiserum and prednisolone. Nishimura T. **Ryumachi** 1984 Oct; 24(5):352-65

Inhibitory activity in mouse lung-conditioned medium studied in the agar assay for bone marrow colony-forming cells: removal by vitamin C. Storm-Mathisen I, et al. **Scand J Clin Lab Invest** 1985 Feb;45(1):67-76

Stimulatory effect of immobilized glycans on macrophages in vitro. Bøgwald J, et al. **Scand J Immunol** 1984 Oct; 20(4):355-60

Characteristics of the strongly Ia-positive cells in rat liver. Lautenschlager I. **Scand J Immunol** 1984 Oct;20(4):333-8

In vivo activation of mouse macrophages with beta-1,3-D-glucan-derivatized plastic beads. Seljelid R, et al. **Scand J Immunol** 1985 Jun;21(6):601-5

Synovial fluid and blood monocytes/macrophages in rheumatoid arthritis. Influence on polyclonal activation of autologous B lymphocytes. Petersen J, et al. **Scand J Rheumatol** 1984;13(3):265–72

Defective antigen presentation to a cloned T helper cell by macrophages from burned mice can be restored with interleukin-1. Kupper TS, et al. **Surgery** 1985 Aug; 98(2):199–206

Macrophage subpopulations regulate intrathymic T-cell development. II: Ia-negative macrophages decrease thymocyte viability and proliferation by formation of thymocyte-macrophage-rosettes. Zepp F, et al. **Thymus** 1984;6(5):295–308

Macrophage subpopulations regulate intrathymic T-cell development. I: Ia-positive macrophages augment thymocyte proliferation. Zepp F, et al. **Thymus** 1984; 6(5):279–93

Indirect presentation of allogeneic major histocompatibility complex antigens by syngeneic macrophages. Dutta D, et al. **Transplant Proc** 1985 Apr;17(2):1661–3

Macrophage activity in mice undergoing chronic graft-versus-host reactions. Anthony LS, et al. **Transplantation** 1984 Nov;38(5):536–41

Generation of anti-H-Y-reactive T cells in vivo by the addition of activated macrophages. Yamashita A, et al. **Transplantation** 1985 Jun;39(6):629–33

Immunological activity of chitin and its derivatives. Nishimura K, et al. **Vaccine** 1984 Mar;2(1):93–9

Cellular interactions in the generation of bovine Con A-suppressor cells and in the mitogenic proliferative response. Bielefeldt Ohmann H, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):307–20

Comparison of bovine IgG1, IgG2 and IgM for ability to promote killing of Mycoplasma bovis by bovine alveolar macrophages and neutrophils. Howard CJ. **Vet Immunol Immunopathol** 1984 Jul;6(3–4):321–6

T cell-macrophage interaction in arginase-mediated resistance to herpes simplex virus. Bonina L, et al. **Virus Res** 1984 Sep;1(6):501–5

Macrophage mediated resistance to Babesia microti in Nematospiroides dubius--infected mice. Mzembe SA, et al. **Z Parasitenkd** 1984;70(6):753–61

Effects of macrophage activity on the antibody-dependent cytotoxicity against Trichinella spiralis newborn larvae: an in vitro cytotoxicity and ultrastructural study. Perrudet-Badoux A, et al. **Z Parasitenkd** 1985;71(2):249–57

[The effect of natural Cordyceps sinensis and its cultured mycelia on murine immuno-organs and function of the mononuclear macrophage system] Chen DM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):42–4, 5 (Eng. Abstr.) **(Chi)**

[Effect of 'si jun zi tang' and its constituents on phagocytosis of macrophages in the peritoneal cavity of mice] Hu ZG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):363–5 (Eng. Abstr.) **(Chi)**

[Experimental and clinical study on auto-mononuclear macrophage therapy in herpesvirus keratitis] He YL. **Chung Hua I Hsueh Tsa Chih** 1985 Feb;65(2):75–7 (Eng. Abstr.) **(Chi)**

[Macrophages in giant cell tumors of bones] Lu P, et al. **Chung Hua Wai Ko Tsa Chih** 1985 May;23(5):269–72, 317–8 (Eng. Abstr.) **(Chi)**

[Presence of a peripheral type benzodiazepine binding site on the macrophage; its possible role in immunomodulation] Lenfant M, et al. **C R Acad Sci [III]** 1985;300(8):309–14 (Eng. Abstr.) **(Fre)**

[In situ characterization of immunologically competent cells during the growth of a transplanted murine sarcoma] De Graef-Lovens D, et al. **C R Soc Biol (Paris)** 1985; 179(1):128–36 (Eng. Abstr.) **(Fre)**

[Cytolytic activity of macrophages from 5 strains of rats] Lagadec P, et al. **Pathol Biol (Paris)** 1985 Feb;33(2):107–10 (Eng. Abstr.) **(Fre)**

[Chemical and functional characterization of lymphokines] Sorg C, et al. **Allerg Immunol (Leipz)** 1984;30(3):159–68 (Eng. Abstr.) **(Ger)**

[The role of macrophages in humoral immune reactions. Studies on the reaction of macrophages with immune complexes] Schäffner H, et al. **Folia Haematol (Leipz)** 1984; 111(2):141–5 **(Ger)**

[Mononuclear phagocytes in the cerebrospinal fluid. Studies on the clinical significance and factors of activation] Weitbrecht WU. **Fortschr Med** 1984 Sep 27;102(36):903–5 (Eng. Abstr.) **(Ger)**

[Detection of macrophage activity in the blood and synovia of chronic polyarthritis patients using an activated oxygen microassay] Schmitz E, et al. **Immun Infekt** 1985 Feb; 13(1):33–4 (Eng. Abstr.) **(Ger)**

[Macrophage-inhibiting factors in a case of alveolar proteinosis] Müller-Quernheim J, et al. **Prax Klin Pneumol** 1984 Dec;38(12):539–44 (Eng. Abstr.) **(Ger)**

[Host reaction in non-Hodgkin's lymphomas: tumor infiltration with monocytes/macrophages] Lechleitner M, et al. **Wien Klin Wochenschr** 1985 Mar 1;97(5):255–8 (Eng. Abstr.) **(Ger)**

[Antitumor activities in the aspects of evolution and development] Muramatsu S. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):720–5 (Eng. Abstr.) **(Jpn)**

[Antitumor effect of OK-432 (3)--mechanisms of tumor growth inhibition by OK-432 induced activated macrophages] Nanjo M, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):887–93 (Eng. Abstr.) **(Jpn)**

[Effect of PSK on the recovery of macrophage function and T cell-mediated immunity in tumor-bearing mice] Tsuru S, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2375–80 (Eng. Abstr.) **(Jpn)**

[Studies on the bactericidal activities of neutrophils and macrophages treated with cyclophosphamide] Kameoka Y, et al. **Kansenshogaku Zasshi** 1984 Apr;58(4):285–92 (Eng. Abstr.) **(Jpn)**

[Macrophage activation and differentiation in infection of tubercle bacilli] Tanaka A. **Kekkaku** 1985 Jan;60(1):40–3 **(Jpn)**

[Induction and measurement of delayed hypersensitivity to OK-432] Kohunai I, et al. **Nippon Geka Gakkai Zasshi** 1984 Nov;85(11):1387–92 (Eng. Abstr.) **(Jpn)**

[Induction of suppressor cells by antigen-pulsed macrophage-like cell line (J 774, P 388 D1)] Tsuchiya O. **Nippon Ika Daigaku Zasshi** 1984 Dec;51(6):673–9 (Eng. Abstr.) **(Jpn)**

[Effect of sex hormones on the induction of macrophage-mediated hepatocytotoxicity] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Sep;81(9):1989–94 (Eng. Abstr.) **(Jpn)**

[Monocyte-macrophage function in multiple myeloma] Funato T, et al. **Rinsho Byori** 1984 Dec;32(12):1379–83 **(Jpn)**

[Lung cancer with an increase in macrophages displaying marked hemophagocytosis in the bone marrow] Narumi S, et al. **Rinsho Ketsueki** 1985 Jan;26(1):58–62 (Eng. Abstr.) **(Jpn)**

[Induction and potentiation of phagocyte-mediated tumor lysis by chemotherapeutic drugs for cancer] Yamazaki M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):769–74 (Eng. Abstr.) **(Jpn)**

[Intercellular cooperation in the physiological immunologic response; clinicians on the facts and hypotheses] Klinger M, et al. **Postepy Hig Med Dosw** 1984 May-Jun; 38(3):257–79 (54 ref.) (Eng. Abstr.) **(Pol)**

[Role of immunological response of the cellular type in the protection of the body against Treponema pallidum infection] Podwińska J. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):46–84 (125 ref.) (Eng. Abstr.) **(Pol)**

[Effect of lipopolysaccharide of the pseudotuberculosis bacterium on the functional activity of macrophages] Kuznetsova TA, et al. **Antibiot Med Biotekhnol** 1985 Feb; 30(2):109–13 (Eng. Abstr.) **(Rus)**

[Modulation of phagocytic activity with prodigiozan and obsidan] Medvedev IuA, et al. **Antibiotiki** 1984 Nov; 29(11):848–51 (Eng. Abstr.) **(Rus)**

[Macrophages and lymphoid cells exposed to antigenic stimulation] Aznaurian AV, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):56–8 (Eng. Abstr.) **(Rus)**

[Nonspecificity of the phenomenon of influenza virus phagocytosis by murine macrophages] Berdinskikh MS, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):55–7 (Eng. Abstr.) **(Rus)**

[Effect of low temperature on lipid peroxidation in the lungs and on pulmonary macrophage activity in rats] Tnimov MKh, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):591–3 (Eng. Abstr.) **(Rus)**

[Nature of the cells regulating the production of a migration inhibition factor in C57BL/6 strain mice with low response to Candida albicans antigen] Vorob'ev KV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):601–2 (Eng. Abstr.) **(Rus)**

[Experimental study of the effect of coal ash from thermoelectric power plants on alveolar macrophages in rats] Koval'chuk VK. **Gig Sanit** 1985 Feb;(2):76–7 **(Rus)**

[Formation of a protective cellular reaction of the respiratory tract after combined exposure to silicon dioxide and ozone] Kalina OV, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):29–33 (Eng. Abstr.) **(Rus)**

[Alveolar macrophages in patients with chronic bronchitis] Kizhvatova NV, et al. **Klin Med (Mosk)** 1984 Sep; 62(9):91–3 (Eng. Abstr.) **(Rus)**

[Effect of antimacrophage cytotoxic serum on the composition of the blood and bone tissue regeneration during distraction osteosynthesis] Osipenko AV. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):68–71 (Eng. Abstr.) **(Rus)**

[Characteristics of chemotactic properties of phagocytes in children with thymomegaly] Kuz'menko LG, et al. **Pediatriia** 1984 Aug;(8):40–1 **(Rus)**

[Phagocytic activity of monocytes and alveolar macrophages in exogenous allergic alveolitis and other disseminated processes in the lungs] Il'kovich MM, et al. **Probl Tuberk** 1984 Sep;(9):60–5 (Eng. Abstr.) **(Rus)**

[The composition and number of the macrophage population ina chronic aseptic inflammatory focus in animals with altered immunologic reactivity. 1. Methodologic approach--testing using an experimental model] Veĭbora O, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983; 26(5):577–93 (Eng. Abstr.) **(Rus)**

[Autologous macrophages in the combined therapy of patients with chronic obstructive lung diseases] Chuchalin AG, et al. **Sov Med** 1984;(11):31–4 (Eng. Abstr.) **(Rus)**

[Immunological and morphological properties of fibroblasts transformed in vitro. II. The change in the susceptibility of FC3H3 cells to lymphocytes--natural killers and macrophages during their selection for malignancy] Lavrovskiĭ VA, et al. **Tsitologiia** 1984 Oct;26(10):1181–5 (Eng. Abstr.) **(Rus)**

[Protective effectiveness of the blood sera and immune system cells from mice immunized with live or inactivated influenza virus] Maĭorova LP, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):540–3 (Eng. Abstr.) **(Rus)**

[Evaluation of the functional activity of peritoneal macrophages using the tetrazolium test] Chesnokov VA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May; (5):89–90 (Eng. Abstr.) **(Rus)**

[Comparative study of the phagocytosis of sheep erythrocytes by the macrophages of inbred mice differing in their sensitivity to immunogenic stimulation by the given antigen] Matienko NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):35–9 (Eng. Abstr.) **(Rus)**

METABOLISM

The accumulation of [35S]methimazole by monocytes and macrophages. Weetman AP, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):366–70

Appearance of the mannose-specific receptor on chicken and mouse bone marrow macrophages. Rossi G, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:107–14

Macrophage activity in Mycobacterium leprae infection. Sharp AK, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec; (95):259–66

Cytofluorometric quantitation of acridine orange uptake by cultured cells. Rundquist I, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):303–9

Arachidonic acid release and prostaglandin synthesis in a macrophage-like cell line exposed to asbestos. Brown RC, et al. **Agents Actions** 1984 Oct;15(3–4):336–40

Lectins modulate prostaglandin E2 production by rat peritoneal macrophages. Ohuchi K, et al. **Agents Actions** 1984 Oct;15(3–4):419–23

Degradation of normal and abnormal plasma lipoproteins by cultured macrophages. Knight BL, et al. **Agents Actions [Suppl]** 1984;16:129–43

Macrophages, oxidised lipids and atherosclerosis. Mitchinson MJ, et al. **Agents Actions [Suppl]** 1984;16:171–4

The effect of LDL and modified LDL on macrophage secretion products. Prescott MF, et al. **Agents Actions [Suppl]** 1984;16:163–70

The role of the monocyte/macrophage system in lipoprotein metabolism. Shepherd J, et al. **Agents Actions [Suppl]** 1984; 16:147–52

Evolution of foam cells in subcutaneous rabbit carrageenan granulomas. II. Tissue and macrophage lipid composition. Kelley JL, et al. **Am J Pathol** 1985 Sep;120(3):391–401

Insoluble low-density lipoprotein-proteoglycan complexes enhance cholesteryl ester accumulation in macrophages. Salisbury BG, et al. **Am J Pathol** 1985 Jul;120(1):6–11

ATP depletion and loss of cell integrity in anoxic hepatocytes and silica-treated P388D1 macrophages. Kane AB, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C256–66

Production of superoxide anion by bovine pulmonary macrophages challenged with soluble and particulate stimuli. Dyer RM, et al. **Am J Vet Res** 1985 Feb; 46(2):336–41

Modification by hyperoxia in vivo of endotoxin-induced neutrophil alveolitis in rats. Production of chemotactic factors by alveolar macrophages and ultrastructure. Christman JW, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):152–8

The lipid-laden alveolar macrophage as a marker of aspiration in parenchymal lung disease. Corwin RW, et al. **Am Rev Respir Dis** 1985 Sep;132(3):576–81

Production of arachidonic acid metabolites by macrophages exposed in vitro to asbestos, carbonyl iron particles, or calcium ionophore. Kouzan S, et al. **Am Rev Respir Dis** 1985 Apr;131(4):624–32

Synthesis of alpha 1-protease inhibitor by resident and activated mouse alveolar macrophages. Lamontagne LR, et al. **Am Rev Respir Dis** 1985 Mar;131(3):321–5

Alveolar macrophage modulation of proteolysis by neutrophil elastase in extracellular matrix. McGowan SE, et al. **Am Rev Respir Dis** 1984 Nov;130(5):734–9

Human lung macrophages induce histamine release from basophils and mast cells. Schulman ES, et al. **Am Rev Respir Dis** 1985 Feb;131(2):230–5

Alveolar macrophages in idiopathic pulmonary fibrosis [letter] Struhar D, et al. **Am Rev Respir Dis** 1985 May; 131(5):803–4

Immunological activities of RU-41740, a glycoproteic extract from Klebsiella pneumoniae. I.--Activation of murine B cells and induction of interleukin-1 production by macrophages. Guenounou M, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):59–69

Phospholipid vesicle targeting using synthetic glycolipid and other determinants. Baldeschwieler JD. **Ann NY Acad Sci** 1985;446:349–67

Antibiotic uptake by alveolar macrophages of smokers. Hand WL, et al. **Antimicrob Agents Chemother** 1985 Jan; 27(1):42–5

Pulmonary catabolism of interferons: alveolar absorption of 125I-labeled human interferon alpha is accompanied by partial loss of biological activity. Bocci V, et al. **Antiviral Res** 1984 Aug;4(4):211–20

Distribution of intraperitoneally injected [125I] BSA in cytoplasm, nucleoplasm and chromatin of lymphocyte-like and macrophage-like rat spleen cells.

Rakowicz-Szulczyńska EM, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):659-63

Transport of [125I] IgG and [125I] ovalbumin between lymphocyte-like and macrophage-like rat spleen cells: chromatin binding. Rakowicz-Szulczyńska EM, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(6):665-9

Modulation of hepatocyte protein synthesis during co-cultivation with macrophage-rich peritoneal cells in vitro. Keller GA, et al. **Arch Surg** 1985 Feb;120(2):180-6

Mobilization of stored triglycerides from macrophages as free fatty acids. von Hodenberg E, et al. **Arteriosclerosis** 1984 Nov-Dec;4(6):630-5

Different uptake in rat peritoneal macrophages of beta-very low density lipoprotein prepared from Sprague-Dawley rats and hypercholesterolemic rats (ExHC rats). Kitazaki T, et al. **Artery** 1983;12(3):170-81

Role of acid lipase in cholesteryl ester accumulation during atherogenesis. Correlation of enzyme activity with acid lipase-containing macrophages in rabbit and human lesions. Davis HR, et al. **Atherosclerosis** 1985 May;55(2):205-15

Lyso(bis)phosphatidic acid: a novel source of arachidonic acid for oxidative metabolism by rabbit alveolar macrophages. Cochran FR, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):800-6

gamma-Interferon stimulates production of 1,25-dihydroxyvitamin D3 by normal human macrophages. Koeffler HP, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):596-603

CoA-independent transfer of arachidonic acid from 1,2-diacyl-sn-glycero-3-phosphocholine to 1-O-alkyl-sn-glycero-3-phosphocholine (lyso platelet-activating factor) by macrophage microsomes. Sugiura T, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):384-90

Suppression of cholesteryl ester accumulation in cultured human monocyte-derived macrophages by lipoxygenase inhibitors. van der Schroeff JG, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):366-72

Apo E-mediated uptake and degradation of normal very low density lipoproteins by human monocyte/macrophages: a saturable pathway distinct from the LDL receptor. Wang-Iverson P, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):578-86

Co-operation between plasmin and elastase in elastin degradation by intact murine macrophages. Chapman HA Jr, et al. **Biochem J** 1984 Sep 15;222(3):721-8

Release of Ca2+ from a non-mitochondrial store site in peritoneal macrophages treated with saponin by inositol 1,4,5-trisphosphate. Hirata M, et al. **Biochem J** 1984 Oct 1;223(1):229-36

Effects of pimozide and penfluridol on the binding and endocytosis of alpha 2-macroglobulin-CH3NH2 by mouse peritoneal macrophages. Key KA, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3712-4

Isolation and some properties of macrophage alpha-actinin: evidence that it is not an actin gelling protein. Bennett JP, et al. **Biochemistry** 1984 Oct 9;23(21):5081-6

Release of arachidonic acid from 1-alkyl-2-acyl-sn-glycero-3-phosphocholine, a precursor of platelet-activating factor, in rat alveolar macrophages. Albert DH, et al. **Biochim Biophys Acta** 1984 Oct 24; 796(1):92-101

Basic characterization of an ouabain-resistant, bumetanide-sensitive K+ carrier-mediated transport system in J774.2 mouse macrophage-like cell line and in variants deficient in adenylate cyclase and cAMP-dependent protein kinase activities. Bourrit A, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):85-94

[1-14C]Arachidonic acid incorporation into glycerolipids and prostaglandin synthesis in peritoneal macrophages: effect of chloramphenicol. de Maroussem D, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):8-22

Induction of ornithine decarboxylase in the liver and spleen of mice by interleukin 1-like factors produced from a macrophage cell line. Endo Y, et al. **Biochim Biophys Acta** 1985 Mar 8;838(3):343-50

Partial characterization of the macrophage factor that stimulates fibroblasts to produce collagenase and to degrade collagen. Huybrechts-Godin G, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):51-4

Liposome uptake by cultured macrophages mediated by modified low-density lipoproteins. Ivanov VO, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):76-84

Interactions of polymerized phospholipid vesicles with cells. Uptake, processing and toxicity in macrophages. Juliano RL, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):42-8

Preliminary studies on the induction of a 120 000 molecular weight protein in resident peritoneal macrophages by arachidonic acid. Lokesh BR, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):362-9

A defect in mobilization of cholesteryl esters in rabbit macrophages. Mathur SN, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):48-57

Incorporation of [3H]palmitate and [14C]choline into disaturated phosphatidylcholines in rat alveolar macrophages. Miles PR, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):342-50

Metabolism of normal and modified low-density lipoproteins by macrophage cell lines of murine and human origin. Via DP, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):417-28

Plasma apolipoprotein secretion by human monocyte-derived macrophages. Wang-Iverson P, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):256-62

Fluid phase and mannose receptor-mediated uptake of horseradish peroxidase in mouse bone marrow-derived macrophages. Biochemical and ultrastructural study. Lang T, et al. **Biol Cell** 1985;53(2):149-54

Mannose-specific oligosaccharide recognition by mononuclear phagocytes. Stahl PD, et al. **Biol Cell** 1984; 51(2):215-8

Biochemical consequences of follicle-stimulating hormone binding to testicular macrophages in culture. Yee JB, et al. **Biol Reprod** 1985 May;32(4):872-9

In vivo effects of follicle-stimulating hormone on testicular macrophages. Yee JB, et al. **Biol Reprod** 1985 May; 32(4):880-3

Interaction between rat peritoneal macrophages and sialidase-treated erythrocytes: biochemical and morphological studies. Schauer R, et al. **Biomed Biochim Acta** 1984;43(6):711-7

Calcium- and voltage-activated potassium channels in human macrophages. Gallin EK. **Biophys J** 1984 Dec;46(6):821-5

Monocytes and macrophages synthesize and secrete thrombospondin. Jaffe EA, et al. **Blood** 1985 Jan; 65(1):79-84

Macrophage factor X activator formation: metabolic requirements for synthesis of components. Shands JW Jr. **Blood** 1985 Jan;65(1):169-75

Minactivin expression in human monocyte and macrophage populations. Stephens RW, et al. **Blood** 1985 Aug; 66(2):333-7

The production of ceroid by mouse peritoneal macrophages in vitro. Ball RY, et al. **Br J Exp Pathol** 1984 Dec; 65(6):719-24

Release of interleukin I and low-molecular-weight lymphocyte-activating factors by rat peritoneal macrophages and its enhancement by acute non-specific inflammatory processes. Bird J, et al. **Br J Exp Pathol** 1985 Jun;66(3):271-7

PMN chemotactic factor produced by glass-adherent cells in the acute inflammation caused by Paracoccidioides brasiliensis. Calich VL, et al. **Br J Exp Pathol** 1985 Feb; 66(1):57-65

Macrophage-histiocytes in Hodgkin's disease. The relation of peanut-agglutinin-binding macrophage-histiocytes to clinicopathologic presentation and course of disease. Ree HJ, et al. **Cancer** 1985 Jul 15;56(2):333-8

Induction of nitroblue tetrazolium reduction in mouse peritoneal macrophages by tumour promoters and inhibition of the induced nitroblue tetrazolium reduction by some inhibitors. Ohkawa Y, et al. **Cancer Lett** 1985 Jul; 27(3):261-7

Differential capacities for DNA repair in Clara cells, alveolar type II cells and macrophages of rabbit lung. Deilhaug T, et al. **Carcinogenesis** 1985 Apr;6(4):661-3

The c-fms proto-oncogene product is related to the receptor for the mononuclear phagocyte growth factor, CSF-1. Sherr CJ, et al. **Cell** 1985 Jul;41(3):665-76

Generation of a soluble IFN-gamma inducer by oxidation of galactose residues on macrophages. Antonelli G, et al. **Cell Immunol** 1985 Sep;94(2):440-6

Specific binding of endotoxin to human monocytes and mouse macrophages: serum requirement. Haeffner-Cavaillon N, et al. **Cell Immunol** 1985 Mar; 91(1):119-31

Expression of the transferrin receptor on murine peritoneal macrophages is modulated by in vitro treatment with interferon gamma. Hamilton TA, et al. **Cell Immunol** 1984 Dec;89(2):478-88

Binding and processing of immunostimulatory Fc gamma 1 fragments by the murine macrophage cell line P388D1. Hobbs MV, et al. **Cell Immunol** 1985 Jan;90(1):74-84

Attempts to characterize the T-cell population and lymphokine involved in the activation of macrophage oxygen metabolism in murine listeriosis. Kaufmann SH, et al. **Cell Immunol** 1984 Oct 15;88(2):545-50

Mouse macrophage hybridomas secreting a cytotoxic factor and interleukin 1. Takeda Y, et al. **Cell Immunol** 1985 Feb; 90(2):493-502

Murine monocytes express transferrin receptors: evidence for similarity to inflammatory macrophages. Weiel JE, et al. **Cell Immunol** 1984 Oct 15;88(2):343-9

The role of endothelial injury and platelet and macrophage interactions in atherosclerosis. Ross R, et al. **Circulation** 1984 Nov;70(5 Pt 2):III77-82

African trypanosomiasis alters prostaglandin production by murine peritoneal macrophages. Fierer J, et al. **Clin Exp Immunol** 1984 Dec;58(3):548-56

Effects of serum and serum components on the binding of DNA to thioglycollate-stimulated mouse peritoneal macrophages. Weliky N, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):118-23

Immunogenetics and immunopathology of human primary membranous glomerulonephritis: HLA-A, B, DR antigens; functional activity of splenic macrophage Fc-receptors and peripheral blood T-lymphocyte subpopulations. Berthoux FC, et al. **Clin Nephrol** 1984 Jul;22(1):15-20

Dexamethasone inhibits the production of thromboxane B2 and leukotriene B4 by human alveolar and peritoneal macrophages in culture. Fuller RW, et al. **Clin Sci** 1984 Dec;67(6):653-6

Macrophage oxidative burst (OB) and related cytotoxicity--II. Differential sensitivity of erythrocytes from various animals to OB dependent lysis. Keisari Y, et al. **Comp Biochem Physiol [A]** 1985;80(2):163-6

Recognition and uptake of human diabetic peripheral nerve myelin by macrophages. Vlassara H, et al. **Diabetes** 1985 Jun;34(6):553-7

Interaction of high density lipoproteins with cholesteryl ester-laden macrophages: biochemical and morphological characterization of cell surface receptor binding, endocytosis and resecretion of high density lipoproteins by macrophages. Schmitz G, et al. **EMBO J** 1985 Mar; 4(3):613-22

Opioid peptides rapidly stimulate superoxide production by human polymorphonuclear leukocytes and macrophages. Sharp BM, et al. **Endocrinology** 1985 Aug;117(2):793-5

The response of rat alveolar macrophages to chronic inhalation of coal dust and/or diesel exhaust. Castranova V, et al. **Environ Res** 1985 Apr;36(2):405-19

Production of the effector molecule thymidine by human lung alveolar macrophages. Vercammen-Grandjean A, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1543-8

Purine nucleotide metabolism in resident and activated rat macrophages in vitro. Barankiewicz J, et al. **Eur J Immunol** 1985 Jun;15(6):627-31

Regulation of thymocyte proliferative response by macrophage-derived prostaglandin E2 and interleukin 1. Hayari Y, et al. **Eur J Immunol** 1985 Jan;15(1):43-7

Modulation by hydroxyeicosatetraenoic acids (HETEs) of arachidonic acid metabolism in mouse resident peritoneal macrophages. Chang J, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):215-22

Effect of forskolin on prostaglandin synthesis by mouse resident peritoneal macrophages. Chang J, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):303-12

Hapten binding assay using guinea pig macrophages. Lefkovits H. **Exp Cell Biol** 1985;53(4):189-98

Degradation of glycosaminoglycans by extracts of calf vitreous hyalocytes. Jacobson B. **Exp Eye Res** 1984 Sep; 39(3):373-85

Determination of the inducers of Fc (FcRI) and C3 (C3RI) receptors on myeloid cells in several media from human and mouse origin, and the identification of the macrophage as the cell that produces these factors. Fragoso A, et al. **Exp Hematol** 1985 Mar;13(3):163-8

Ability of rabbit alveolar macrophages to dissolve metals. Lundborg M, et al. **Exp Lung Res** 1984;7(1):11-22

The effect of cyclic AMP on Na+ and K+ transport systems in mouse macrophages. Diez J, et al. **Experientia** 1985 May 15;41(5):666-7

gamma-Hexachlorocyclohexane activation of alveolar macrophage phosphatidylinositol cycle, calcium mobilization of O2- production. Holian A, et al. **FEBS Lett** 1984 Oct 15;176(1):151-4

Regulation of the production of granulocyte-macrophage colony-stimulating factor by macrophage-like tumour cell lines. Hume DA, et al. **FEBS Lett** 1985 Jan 28;180(2):271-4

Induction of TNF-like factor by murine macrophage-like cell line J774.1 on treatment with Sarcophaga lectin. Itoh A, et al. **FEBS Lett** 1984 Sep 17;175(1):59-62

Induction of macrophage procoagulant by products of activated lymphocytes. Geczy CL. **Haemostasis** 1984; 14(5):400-11 (59 ref.)

Macrophage procoagulants. Shands JW Jr. **Haemostasis** 1984; 14(5):373-7 (17 ref.)

Binding of concanavalin A and wheat germ agglutinin by murine peritoneal macrophages: ultrastructural and cytophotometric studies. Warton A, et al. **Histochem J** 1984 Nov;16(11):1193-206

Wheat-germ agglutinin binding in four types of mouse peritoneal macrophage. A quantitative EM-cytochemical study. de Water R, et al. **Histochemistry** 1984;80(5):449-56

Binding characteristics of fluoresceinated Lotus tetragonolobus fucolectin to macrophage populations which are either responsive or refractory to activation by lymphokine. Leu RW, et al. **Immunobiology** 1985 Apr; 169(3):272-9

The mechanism of action of lymphokines. VIII. Lymphokine-enhanced spontaneous hydrogen peroxide production by macrophages. Freund M, et al. **Immunology** 1985 Jan;54(1):35-45

Rabbit lymphocyte factors modulate prostaglandin biosynthesis in alveolar macrophages. Hsueh W, et al. **Immunology** 1985 Jan;54(1):155-61

The ingestion and degradation of soluble immune complexes by guinea-pig macrophages and neutrophils. Leslie RG, et al. **Immunology** 1985 Apr;54(4):811-9

Fc receptor-mediated desensitization of superoxide (O2-) generation response of guinea-pig macrophages and polymorphonuclear leucocytes. Yagawa K, et al. **Immunology** 1985 Aug;55(4):629-38

Comparison of interleukin 1 production by adherent cells and tissue pieces from human placenta. Flynn A, et al. **Immunopharmacology** 1985 Feb;9(1):19-26

Uptake and deacylation of bacterial lipopolysaccharides by macrophages from normal and endotoxin-hyporesponsive mice. Munford RS, et al. **Infect Immun** 1985 May; 48(2):464-73

Processing of Bacillus subtilis peptidoglycan by a mouse macrophage cell line. Vermeulen MW, et al. **Infect Immun** 1984 Nov;46(2):476-83

In vitro generation of hydrogen peroxide and of superoxide anion by bovine polymorphonuclear neutrophilic granulocytes, blood monocytes, and alveolar macrophages. Bielefeldt Ohmann H, et al. **Inflammation** 1984 Sep;

8(3):251-75

Increased release of hydrogen peroxide and superoxide anion from asbestos-primed macrophages. Effect of hydrogen peroxide on the functional activity of alpha 1-protease inhibitor. Donaldson K, et al. **Inflammation** 1985 Jun; 9(2):139-47

Binding of ssDNA-antibody complexes to thioglycollate-induced mouse peritoneal macrophages in the presence of serum. Weliky N, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):373-5

Macrophage oxidative burst and related cytotoxicity. I. Differential activation by tumor-promoting and non-tumor-promoting phorbol esters. Keisari Y, et al. **Int J Cancer** 1984 Dec 15;34(6):845-8

Cyclic AMP levels and their regulation by prostaglandins in peritoneal macrophages of rats and humans. Bonta IL, et al. **Int J Immunopharmacol** 1984;6(6):547-55

Modulation by drugs of leukotriene and prostaglandin production from mouse peritoneal macrophages. Brune K, et al. **Int J Tissue React** 1985;7(2):97-103

The role of immunomodulators in the production of lipid mediators by macrophages (M phi). Roubin R, et al. **Int J Tissue React** 1984;6(5):373-8

Vitamin C and immunity: influence of ascorbate on prostaglandin E2 synthesis and implications for natural killer cell activity. Siegel BV, et al. **Int J Vitam Nutr Res** 1984;54(4):339-42

Macrophage-derived chemotactic factors and allergic asthma. Fowler AA 3d, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):777-80

Secretion of a chemotactic factor for neutrophils and eosinophils by alveolar macrophages from asthmatic patients. Gosset P, et al. **J Allergy Clin Immunol** 1984 Dec; 74(6):827-34

Increase in Ca2+ permeability of intracellular Ca2+ store membrane of saponin-treated guinea pig peritoneal macrophages by inositol 1,4,5-trisphosphate. Hirata M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1575-82

Changes of intracellular free Ca2+ in macrophages following N-formyl chemotactic peptide stimulation. Direct measurement by the loading of quin 2. Hirata M, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):9-16

Swainsonine and castanospermine blockade of mannose glycoprotein uptake by macrophages. Apparent inhibition of receptor-mediated endocytosis by endogenous ligands. Chung KN, et al. **J Biol Chem** 1984 Dec 10; 259(23):14637-41

Biosynthesis and intracellular transport of the mouse macrophage Fc receptor. Green SA, et al. **J Biol Chem** 1985 Aug 15;260(17):9867-74

Acylation of lysophospholipids by rabbit alveolar macrophages. Specificities of CoA-dependent and CoA-independent reactions. Robinson M, et al. **J Biol Chem** 1985 Jul 5;260(13):7889-95

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160-4

Calcium ionophore enables soluble agonists to stimulate macrophage 5-lipoxygenase. Tripp CS, et al. **J Biol Chem** 1985 May 25;260(10):5895-8

Receptor-mediated uptake of remnant lipoproteins by cholesterol-loaded human monocyte-macrophages. Van Lenten BJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8783-8

Murine macrophage tumors are a source of a 260,000-dalton acetyl-low density lipoprotein receptor. Via DP, et al. **J Biol Chem** 1985 Jun 25;260(12):7379-86

Uptake and transport of mannosylated ligands by alveolar macrophages. Studies on ATP-dependent receptor-ligand dissociation. Wileman T, et al. **J Biol Chem** 1985 Jun 25; 260(12):7387-93

Partial characterisation of the high and low molecular weight forms of P388D1-derived interleukin 1. Prestidge RL, et al. **J Cell Biochem** 1984;26(2):65-73

Lipoprotein-heparin-fibronectin-denatured collagen complexes enhance cholesteryl ester accumulation in macrophages. Falcone DJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1266-74

Cellular uptake and intracellular localization of benzo(a)pyrene by digital fluorescence imaging microscopy. Plant AL, et al. **J Cell Biol** 1985 Apr; 100(4):1295-308

Calcium regulation of phosphatidyl inositol turnover in macrophage activation by formyl peptides. Holian A, et al. **J Cell Physiol** 1985 Apr;123(1):39-45

Cytosolic calcium, calcium fluxes, and regulation of alveolar macrophage superoxide anion production. Stickle DF, et al. **J Cell Physiol** 1984 Dec;121(3):458-66

Receptor-mediated binding and internalization of colony-stimulating factor (CSF-1) by mouse peritoneal exudate macrophages. Chen BD, et al. **J Cell Sci** 1984 Aug; 70:147-66

Isolation and structural identification of 1,25-dihydroxyvitamin D3 produced by cultured alveolar macrophages in sarcoidosis. Adams JS, et al. **J Clin Endocrinol Metab** 1985 May;60(5):960-6

Effects of noninsulin-dependent diabetes mellitus on the uptake of very low density lipoproteins by thioglycolate-elicited mouse peritoneal macrophages. Kraemer FB, et al. **J Clin Endocrinol Metab** 1985 Aug; 61(2):335-42

Human alveolar macrophages synthesize factor VII in vitro. Possible role in interstitial lung disease. Chapman HA Jr, et al. **J Clin Invest** 1985 Jun;75(6):2030-7

Human monocyte-derived mucus secretagogue. Marom Z, et al. **J Clin Invest** 1985 Jan;75(1):191-8

Gamma interferon is spontaneously released by alveolar macrophages and lung T lymphocytes in patients with pulmonary sarcoidosis. Robinson BW, et al. **J Clin Invest** 1985 May;75(5):1488-95

Normal human alveolar macrophages obtained by bronchoalveolar lavage have a limited capacity to release interleukin-1. Wewers MD, et al. **J Clin Invest** 1984 Dec; 74(6):2208-18

Uptake of ciprofloxacin by macrophages. Easmon CS, et al. **J Clin Pathol** 1985 Apr;38(4):442-4

Metabolism of 7,12-dimethylbenz(a)anthracene by alveolar macrophages containing ingested ferric oxide, aluminum oxide or carbon particles. Palmer WG, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):261-70

Characterization of 1 alpha-hydroxylation of vitamin D3 sterols by cultured alveolar macrophages from patients with sarcoidosis. Adams JS, et al. **J Exp Med** 1985 Apr 1;161(4):755-65

Ligated complement receptors do not activate the arachidonic acid cascade in resident peritoneal macrophages. Aderem AA, et al. **J Exp Med** 1985 Mar 1;161(3):617-22

Purification of cachectin, a lipoprotein lipase-suppressing hormone secreted by endotoxin-induced RAW 264.7 cells. Beutler B, et al. **J Exp Med** 1985 May 1;161(5):984-95

Serum factor requirement for reactive oxygen intermediate release by rabbit alveolar macrophages. Gerberick GF, et al. **J Exp Med** 1985 Feb 1;161(2):392-408

Augmentation of macrophage complement receptor function in vitro. IV. The lymphokine that activates macrophage C3 receptors for phagocytosis binds to a fucose-bearing glycoprotein on the macrophage plasma membrane. Griffin FM Jr, et al. **J Exp Med** 1984 Oct 1;160(4):1206-18

Glycolipids of the mouse peritoneal macrophage. Alterations in amount and surface exposure of specific glycolipid species occur in response to inflammation and tumoricidal activation. Mercurio AM, et al. **J Exp Med** 1984 Oct 1; 160(4):1114-25

Generation of coagulation factor V activity by cultured rabbit alveolar macrophages. Rothberger H, et al. **J Exp Med** 1984 Dec 1;160(6):1880-90

Factor B, the complement alternative pathway serine proteinase, is a major constitutive protein synthesized and secreted by resident and elicited mouse macrophages. Sundsmo JS, et al. **J Exp Med** 1985 Feb 1;161(2):306-22

Fibronectin receptor of human macrophages recognizes the sequence Arg-Gly-Asp-Ser. Wright SD, et al. **J Exp Med** 1985 Aug 1;162(2):762-7

A cytophotometric method to quantitate the binding of monoclonal antibodies to individual cells. Nibbering PH, et al **J Histochem Cytochem** 1985 May;33(5):453-9

Characterization of the beta-adrenergic receptor of the rat peritoneal macrophage. Abrass CK, et al. **J Immunol** 1985 Aug;135(2):1338-41

Regulation of arachidonic acid metabolism in macrophages by immune and nonimmune interferons. Boraschi D, et al. **J Immunol** 1985 Jul;135(1):502-5

Mouse immune interferon enhances fibronectin production of elicited macrophages. Cofano F, et al. **J Immunol** 1984 Dec;133(6):3102-6

Tissue-specific pretranslational regulation of complement production in human mononuclear phagocytes. Cole FS, et al. **J Immunol** 1985 Apr;134(4):2610-6

Site of binding of IgG2b and IgG2a by mouse macrophage Fc receptors by using cyanogen bromide fragments. Diamond B, et al. **J Immunol** 1985 Feb;134(2):1080-3

Prostaglandin-sensitive adenylate cyclase of a murine macrophage-like cell line (P388D1): II. Isolation and partial characterization of PGE2-binding proteins. Fernandez-Botran R, et al. **J Immunol** 1984 Nov; 133(5):2662-7

Augmentation of macrophage complement receptor function in vitro. V. Studies on the mechanisms of ligation of macrophage Fc receptors required to trigger macrophages to signal T lymphocytes to elaborate the lymphokine that activates macrophage C3 receptors for phagocytosis. Griffin FM Jr, et al. **J Immunol** 1985 Jul;135(1):344-9

gamma-Interferon enhances the secretion of arachidonic acid metabolites from murine peritoneal macrophages stimulated with phorbol diesters. Hamilton TA, et al. **J Immunol** 1985 Apr;134(4):2631-6

Regulation of the Fc-receptor-mediated respiratory burst: treatment of primed murine peritoneal macrophages with lipopolysaccharide selectively inhibits H2O2 secretion stimulated by immune complexes. Johnston PA, et al. **J Immunol** 1985 Jul;135(1):513-8

Activated macrophages secrete a soluble factor that inhibits mitochondrial respiration of tumor cells. Kilbourn RG, et al. **J Immunol** 1984 Nov;133(5):2577-81

Lipopolysaccharide-treated RAW 264.7 cells produce a mediator that inhibits lipoprotein lipase in 3T3-L1 cells. Mahoney JR Jr, et al. **J Immunol** 1985 Mar;134(3):1673-5

The mouse macrophage receptor for C3bi (CR3) is a major mechanism in the phagocytosis of Leishmania promastigotes. Mosser DM, et al. **J Immunol** 1985 Oct; 135(4):2785-9

Macrophage processing of peptide antigens: identification of an antigenic complex. Nairn R, et al. **J Immunol** 1984 Dec; 133(6):3225-34

Purification and distribution of a novel macrophage-specific calmodulin-binding glycoprotein. Orlow SJ, et al. **J Immunol** 1985 Jan;134(1):449-56

Coordinate induction of Ia alpha, beta, and Ii mRNA in a macrophage cell line. Paulnock-King D, et al. **J Immunol** 1985 Jul;135(1):632-6

Arachidonic acid metabolism by murine peritoneal macrophages infected with Leishmania donovani: in vitro evidence for parasite-induced alterations in cyclooxygenase and lipoxygenase pathways. Reiner NE, et al. **J Immunol** 1985 Jan;134(1):556-63

Mouse peritoneal macrophages plated on mannan- and horseradish peroxidase-coated substrates lose the ability to phagocytose by their Fc receptors. Sung SS, et al. **J Immunol** 1985 Jun;134(6):3712-7

Impaired production of gamma-interferon by newborn cells in vitro is due to a functionally immature macrophage. Taylor S, et al. **J Immunol** 1985 Mar;134(3):1493-7

Imbalanced accumulation of ribosomal RNA in macrophages activated in vivo or in vitro to a cytolytic stage. Varesio L. **J Immunol** 1985 Feb;134(2):1262-7

Opposing effects of glucocorticoids on interferon-gamma-induced murine macrophage Fc receptor and Ia antigen expression. Warren MK, et al. **J Immunol** 1985 Apr;134(4):2462-9

Biochemical models of gamma-interferon action: altered expression of transferrin receptors on murine peritoneal macrophages after treatment in vitro with PMA or A23187. Weiel JE, et al. **J Immunol** 1985 Jan;134(1):293-8

Down-regulation of Fc receptor expression in guinea pig peritoneal exudate macrophages by muramyl dipeptide or lipopolysaccharide. Yagawa K, et al. **J Immunol** 1985 Jun; 134(6):3705-11

Characterization of three monoclonal antibodies which induce and modulate superoxide anion generation in guinea pig macrophages. Yagawa K, et al. **J Immunol** 1985 Jun; 134(6):4107-11

The modification of the oxidative metabolism of cells derived both locally and at distance from the site of an acute inflammatory reaction. Bird J, et al. **J Leukocyte Biol** 1985 Jan;37(1):109-20

Fc- and complement receptor-dependent degradation of soluble immune complexes and stable immunoglobulin aggregates by guinea pig monocytes, peritoneal macrophages, and Kupffer cells. Daha MR, et al. **J Leukocyte Biol** 1984 Nov;36(5):569-79

Increased transglutaminase activity in elicited and activated macrophages: relationship to production of superoxide anion. Harris LK, et al. **J Leukocyte Biol** 1984 Dec; 36(6):719-27

Enzyme histochemical comparison of biomphalaria glabrata amebocytes with human granuloma macrophages. McKerrow JH, et al. **J Leukocyte Biol** 1985 Mar; 37(3):341-7

Metabolism of glycosylated human salivary amylase: in vivo plasma clearance by rat hepatic endothelial cells and in vitro receptor mediated pinocytosis by rat macrophages. Niesen TE, et al. **J Leukocyte Biol** 1984 Sep;36(3):307-20

Regulation of cholesterol biosynthesis and esterification by 25-hydroxycholesterol in a macrophage-like cell line: uncoupling by progesterone. Miller SC, et al. **J Lipid Res** 1984 Sep;25(9):991-9

Quantification of uptake of liposomal carboxyfluorescein by professional phagocytes in-vitro. A flow microfluorimetric study on the J774 murine macrophage cell line. Stevenson M, et al. **J Pharm Pharmacol** 1984 Dec;36(12):824-30

A macrophage-mediated factor that increases the high energy phosphate content of skeletal muscle. Morris AS, et al. **J Surg Res** 1985 Apr;38(4):373-82

Dog pulmonary macrophage metabolism of free and particle-associated [14C]benzo[a]pyrene. Bond JA, et al. **J Toxicol Environ Health** 1984;14(2-3):181-9

Macrophage interaction with skeletal muscle: a potential role of macrophages in determining the energy state of healing wounds. Morris A, et al. **J Trauma** 1985 Aug;25(8):751-7

Lipoxygenase products mediate the attachment of rat macrophages to glomeruli in vitro. Baud L, et al. **Kidney Int** 1985 Jun;27(6):855-63

Plastic filing from dialysis tubing induces prostanoid release from macrophages. Bommer J, et al. **Kidney Int** 1984 Sep; 26(3):331-7

Binding of iron beads to sialic acid residues on macrophage membranes stimulates arachidonic acid metabolism. Kouzan S, et al. **Lab Invest** 1985 Sep;53(3):320-7

Macrophage-produced muramyl peptide contaminants as adjuvants in cell-transfer experiments [letter] Westall FC, et al. **Mol Immunol** 1985 Apr;22(4):505-6

Superoxide anion generation by alveolar macrophages in Crohn's disease [letter] Wallaert B, et al. **N Engl J Med** 1985 Feb 14;312(7):444-5

Receptor-mediated uptake of hypertriglyceridaemic VLDL remnants by mouse macrophages in vitro. Naruszewicz M, et al. **Nahrung** 1985;29(6):609-14

Platelet secretory products inhibit lipoprotein metabolism in macrophages. Phillips DR, et al. **Nature** 1985 Aug 22-28; 316(6030):746-8

Lipid-laden macrophages in tracheal aspirates of newborn infants receiving intravenous lipid infusions: a cytologic study. Recalde AL, et al. **Pediatr Pathol** 1984;2(1):25-34

Iron is sequestered as ferritin in macrophages in skeletal muscle of vitamin E-deficient rabbits. Chu JY, et al.

Pediatr Res 1984 Oct;18(10):1012-6

Pharmacological influence of saikosaponins on prostaglandin E2 production by peritoneal macrophages. Ohuchi K, et al. **Planta Med** 1985 Jun;(3):208-12

Scavenger receptor-mediated recognition of maleyl bovine plasma albumin and the demaleylated protein in human monocyte macrophages. Haberland ME, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2693-7

Lysosomal enzyme binding to mouse P388D1 macrophage membranes lacking the 215-kDa mannose 6-phosphate receptor: evidence for the existence of a second mannose 6-phosphate receptor. Hoflack B, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4428-32

Unmodified low density lipoprotein causes cholesteryl ester accumulation in J774 macrophages. Tabas I, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):416-20

High-affinity-receptor-mediated uptake and degradation of glucose-modified proteins: a potential mechanism for the removal of senescent macromolecules. Vlassara H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5588-92

Identification of C3b as the major serum protein that stimulates prostaglandin and thromboxane synthesis by macrophages. Hsueh W, et al. **Prostaglandins** 1984 Dec;28(6):889-904

Infectious-inflammatory changes in cyclic AMP levels and in their regulation by prostaglandins in human peritoneal macrophages. Adolfs MJ, et al. **Prostaglandins Leukotrienes Med** 1985 May;18(2):217-26

The 5-lipoxygenase products can modulate the synthesis of platelet-activating factor (alkyl-acetyl GPC) in Ca-ionophore A23187-stimulated rat peritoneal macrophages. Saito H, et al. **Prostaglandins Leukotrienes Med** 1985 Jun;18(3):271-86

Enflurane and isoflurane inhibit the oxidative activity of pulmonary alveolar macrophages. Welch WD. **Respiration** 1985;47(1):24-9

Ascorbic acid stimulates the resorption of canine articular cartilage induced by a factor derived from activated rabbit macrophages. Dean DD, et al. **Rheumatol Int** 1985;5(3):103-7

Serotonin receptors on pulmonary alveolar macrophages. Essman EJ. **Ric Clin Lab** 1985 Jan-Mar;15(1):19-24

Synthesis and secretion of lipoprotein lipase by human monocyte-derived macrophages. Stray N, et al. **Scand J Gastroenterol [Suppl]** 1985;107:67-72

A macrophage factor inhibits adipocyte gene expression: an in vitro model of cachexia. Torti FM, et al. **Science** 1985 Aug 30;229(4716):867-9

Fibrinmonomer binding to macrophages mediated by fibrin-binding fibronectin fragments. Hörmann H, et al. **Thromb Res** 1985 Jul 15;39(2):183-94

Cytotoxic action of rat alveolar macrophages for ozone-exposed lung fibroblasts. Morgan DL, et al. **Toxicol Lett** 1985 Jul;26(1):37-42

Lysosomal gold accumulations in pulmonary macrophages. Pääkö P, et al. **Ultrastruct Pathol** 1984;7(4):289-94

Changes in membrane gangliosides: differentiation of human and murine monocytic cells. Ryan JL, et al. **Yale J Biol Med** 1985 Mar-Apr;58(2):125-31

[Comparative study of pinocytosis and the production of prostaglandin E2 by hepatic and peritoneal resident macrophages in mice] Mavier P, et al. **Gastroenterol Clin Biol** 1985 Jun-Jul;9(6-7):508-15 (Eng. Abstr.) **(Fre)**

[Superoxide anion (O2-) release from mouse peritoneal macrophages associated with ingestion of mycobacteria and effects of O2- on intracellular multiplication of mycobacteria] Lee K. **Kekkaku** 1985 Jan;60(1):23-30 (Eng. Abstr.) **(Jpn)**

[Hydrogen peroxide release from peritoneal macrophages of immunodefective mice] Kato H. **Nippon Hifuka Gakkai Zasshi** 1984 May;94(6):717-26 **(Jpn)**

[Tetracycline sorption by alveolar macrophages of rabbits at early stages of interaction] Kivman GIa, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):197-200 (Eng. Abstr.) **(Rus)**

[Measurement of the rate of O2 consumption by peritoneal macrophages using electron paramagnetic resonance] Iakh'ev AV, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):443-5 (Eng. Abstr.) **(Rus)**

[Corticosterone reception by alveolar macrophages when their functional activity has changed] Shishkina LN, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):76-8 (Eng. Abstr.) **(Rus)**

[Bioluminescent determination of ATP in peritoneal macrophages phagocytosing dust particles] Korkina LG, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):22-6 (Eng. Abstr.) **(Rus)**

[Complex study of the oxidative metabolism of peritoneal macrophages attached to glass] Mertsalova LV, et al. **Tsitologiia** 1984 Jun;26(6):713-8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Exchange of material between the extracellular medium and macrophage phagosomes containing different species of bacteria including mycobacteria. de Chastellier C, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):249-57

The influence of antimicrobial agents on macrophage-associated Staphylococcus aureus. Nesthus I, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun;93(3):189-94

Continuous propagation of Ehrlichia sennetsu in murine macrophage cell cultures. Cole AI, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):774-80

Impaired function of bovine alveolar macrophages infected with parainfluenza-3 virus. Liggitt D, et al. **Am J Vet Res** 1985 Aug;46(8):1740-4

Inhibition by streptomycin of tubercle bacilli within cultured human macrophages. Crowle AJ, et al. **Am Rev Respir Dis** 1984 Nov;130(5):839-44

Experimental infection of inbred mice with herpes simplex virus. VI. Effect of interferon on in vitro virus replication in macrophages. Brücher J, et al. **Arch Virol** 1984;82(1-2):83-93

Effect of interferons on dengue virus multiplication in cultured monocytes/macrophages. Hotta H, et al. **Biken J** 1984 Dec;27(4):189-93

Survival and growth of Yersinia pestis within macrophages and an effect of the loss of the 47-megadalton plasmid on growth in macrophages. Charnetzky WT, et al. **Infect Immun** 1985 Jan;47(1):234-41

Phagocytosis of Campylobacter jejuni and its intracellular survival in mononuclear phagocytes. Kiehlbauch JA, et al. **Infect Immun** 1985 May;48(2):446-51

Multiplication of Mycobacterium marinum within phagolysosomes of murine macrophages. Mor N. **Infect Immun** 1985 Jun;48(3):850-2

Alternate radiolabeled markers for detecting metabolic activity of Mycobacterium leprae residing in murine macrophages. Prasad HK, et al. **J Clin Microbiol** 1985 May;21(5):861-4

Flavivirus infection enhancement in macrophages: an electron microscopic study of viral cellular entry. Gollins SW, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):1969-82

Association of virulence of murine cytomegalovirus with macrophage susceptibility and with virion-bound non-neutralizing antibody. Inada T, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):879-82

Enhancing antibodies, macrophages and virulence in mouse cytomegalovirus infection. Inada T, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):871-8

Ia antigens and Fc receptors of mouse peritoneal macrophages as determinants of susceptibility to lactic dehydrogenase virus. Inada T, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1469-77

Comparison of herpes simplex virus type 1 DNA replication and virus production in murine bone marrow-derived and resident peritoneal macrophages. Leary K, et al. **J Gen Virol** 1985 May;66 (Pt 5):1123-9

Isolation of haemorrhagic fever with renal syndrome virus from leukocytes of rats and virus replication in cultures of rat and human macrophages. Nagai T, et al. **J Gen Virol** 1985 Jun;66 (Pt 6):1271-8

The differential growth of virulent and avirulent strains of rinderpest virus in bovine lymphocytes and macrophages. Rossiter PB, et al. **J Gen Virol** 1985 May;66 (Pt 5):969-75

Activation of rat and human alveolar macrophage intracellular microbicidal activity by a preformed LGL cytokine. Gomez J, et al. **J Immunol** 1985 Aug;135(2):1194-200

Mouse chromosome 1 Ity locus regulates microbicidal activity of isolated peritoneal macrophages against a diverse group of intracellular and extracellular bacteria. Lissner CR, et al. **J Immunol** 1985 Jul;135(1):54[illegible]-7

Expression of viral antigens after infection of human lymphocytes, monocytes, and macrophages with influenza virus. Roberts NJ Jr, et al. **J Infect Dis** 1985 Feb;151(2):308-13

Susceptibility of Mycobacterium leprae to the bactericidal activity of mouse peritoneal macrophages and to hydrogen peroxide. Sharp AK, et al. **J Med Microbiol** 1985 Feb;19(1):77-84

Slow virus-macrophage interactions. Characterization of a transformed cell line of sheep alveolar macrophages that express a marker for susceptibility to ovine-caprine lentivirus infections. Gendelman HE, et al. **Lab Invest** 1984 Nov;51(5):547-55

Retrovirus resembling HTLV in macrophages of patients with AIDS [letter] Gyorkey F, et al. **Lancet** 1985 Jan 12;1(8420):106

Increased multiplication of dengue virus in mouse peritoneal macrophage cultures by treatment with extracts of Ascaris-Parascaris parasites. Wiharta AS, et al. **Microbiol Immunol** 1985;29(4):337-48

Comparative susceptibility of embryonated hen eggs and pig lung alveolar macrophages to chlamydial infection. Hood JW, et al. **Vet Res Commun** 1985 Apr;9(2):135-41

Cell surface receptors for lactate dehydrogenase-elevating virus on subpopulation of macrophages. Kowalchyk K, et al. **Virus Res** 1985 Apr;2(3):211-29

[Adherence of E. coli strains with various adhesins to macrophages from bone marrow and the cell line P 388D1] Harff V, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1985 Feb;259(1):59-70 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of the interaction of Yersinia pseudotuberculosis with macrophages and HeLa cells] Kirillova FM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):95-7 (Eng. Abstr.) **(Rus)**

[Possible mechanisms of cellular degeneration in macrophages infected with BCG in vitro and in leprous granulomas] Sanabria Negrín JG. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):93-102 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Activity of immunoglobulin G-coated red cell ghosts containing pentamidine against macrophage-contained Leishmania in vitro. Berman JD, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1112-8

The Leishmania receptor for macrophages is a lipid-containing glycoconjugate. Handman E, et al. **EMBO J** 1985 Feb;4(2):329-36

Leishmania major: excreted factor, calcium ions, and the survival of amastigotes. Eilam Y, et al. **Exp Parasitol** 1985 Apr;59(2):161-8

A study of the differential respiratory burst activity elicited by promastigotes and amastigotes of Leishmania donovani in murine resident peritoneal macrophages. Channon JY, et al. **Immunology** 1984 Oct;53(2):345-55

Human mononuclear phagocyte antiprotozoal mechanisms: oxygen-dependent vs oxygen-independent activity against intracellular Toxoplasma gondii. Murray HW, et al. **J Immunol** 1985 Mar;134(3):1982-8

Stimulatory effects of leukotriene B4 on macrophage association with and intracellular destruction of Trypanosoma cruzi. Wirth JJ, et al. **J Immunol** 1985 Mar;134(3):1989-93

Antileishmanial activity of human red blood cells containing formycin A. Berman JD, et al. **J Infect Dis** 1985 Apr;151(4):698-703

Receptor-mediated entry of peroxidases into the parasitophorous vacuoles of macrophages infected with Leishmania Mexicana amazonensis. Rabinovitch M, et al. **J Leukocyte Biol** 1985 Mar;37(3):247-61

Enhancement of infectivity of Leishmania donovani promastigotes by serial mouse passages. Katakura K, et al. **J Parasitol** 1985 Jun;71(3):393-4

Phagocytized intracellular microsporidian blòcks phagosome acidification and phagosome-lysosome fusion. Weidner E, et al. **J Protozool** 1985 May;32(2):311-7

Intracellular parasite killing induced by electron carriers. II. Correlation between parasite killing and the induction of oxidative events in macrophages. Mauel J, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):97-110

Intracellular parasite killing induced by electron carriers. I. Effect of electron carriers on intracellular Leishmania spp. in macrophages from different genetic backgrounds. Mauel J. **Mol Biochem Parasitol** 1984 Sep;13(1):83-96

The effect of swainsonine on the association of Trypanosoma cruzi with host cells. Villalta F, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):1-10

Trypanosoma cruzi interaction with macrophages: differences between tissue culture and bloodstream forms. Kloetzel JK, et al. **Rev Inst Med Trop Sao Paulo** 1984 Jul-Aug;26(4):179-85

Leishmania mexicana pifanoi: in vivo and in vitro interactions between amastigotes and macrophages. Pan AA, et al. **Z Parasitenkd** 1985;71(1):3-13

PATHOLOGY

Defective terminal maturation along monocyte-macrophage lineage in chronic myelomonocytic leukemia. Takuwa N, et al. **Acta Haematol (Basel)** 1984;72(3):163-70

Evolution of foam cells in subcutaneous rabbit carrageenan granulomas: I. Light-microscopic and ultrastructural study. Schwartz CJ, et al. **Am J Pathol** 1985 Jan;118(1):134-50

Effects of a calcium-antagonist (flunarizine) on cancer cell movement and phagocytosis. Sezzi ML, et al. **Anticancer Res** 1985 May-Jun;5(3):265-71

Mast cells and macrophages in early relapsing psoriasis. Schubert C, et al. **Arch Dermatol Res** 1985;277(5):352-8

Identification of foam cells in human atherosclerotic lesions as macrophages using monoclonal antibodies. Klurfeld DM. **Arch Pathol Lab Med** 1985 May;109(5):445-9

Fusion disability of embryonic osteoclast precursor cells and macrophages in the microphthalmic osteopetrotic mouse. Thesingh CW, et al. **Bone** 1985;6(1):43-52

Preliminary evaluation of the use of macrophage aggregates (MA) as fish health monitors. Wolke RE, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):222-7

Macrophage-histiocytes in malignant lymphoma, small lymphocytic type (well-differentiated lymphocytic lymphoma). Ree HJ, et al. **Cancer** 1985 Sep 1;56(5):1117-23

The effects of the B16 malignant melanoma on induced inflammatory responses in host mice: inhibition of macrophage exudation. D'Arrigo WL. et al. **Cancer Lett** 1985 Aug;28(1):47-54

Increased glucocorticoid receptor concentration in macrophage differentiation of myeloid leukemia cells with 12-O-tetradecanoylphorbol-13-acetate. Hirai H, et al. **Cancer Res** 1985 Jun;45(6):2456-61

Heterogeneity and prognostic significance of macrophages in human colonic carcinomas. Luebbers EL, et al. **Cancer Res** 1985 Oct;45(10):5196-200

Alterations in alveolar macrophages in hamsters developing pulmonary fibrosis. Tryka AF, et al. **Exp Lung Res** 1984;7(1):41-52

Cellular components in peritoneal fluid in infertile patients with and without endometriosis. Badawy SZ, et al. **Fertil Steril** 1984 Nov;42(5):704-8

Alterations in CFU-GM growth in preleukaemic and leukaemic AKR/J mice. Alonso MC, et al. **Folia Biol (Praha)** 1985;31(3):193-9

Normal responsiveness of granulocyte macrophage committed stem cells from patients with chronic myeloid leukemia to proliferation inhibition by prostaglandin E 1. Rao SG, et al. **Indian J Exp Biol** 1984 Jun;22(6):340-2

Effect of cryptorchidism on the morphology of testicular macrophages: evidence for a Leydig cell-macrophage interaction in the rat testis. Bergh A. **Int J Androl** 1985 Feb;8(1):86-96

Tumor-derived chemotactic factor(s) from human ovarian carcinoma: evidence for a role in the regulation of macrophage content of neoplastic tissues. Bottazzi B, et al. **Int J Cancer** 1985 Aug 15;36(2):167-73

CFU-gm colony formation of peripheral blood and bone marrow in adult acute leukemia at presentation, during remission, and at relapse. Jehn U, et al. **Int J Cell Cloning** 1985 Jul;3(4):199-213

Induction of differentiation in human myeloid leukemic cells by proteolytic enzymes. Fibach E, et al. **J Cell Physiol** 1985 May;123(2):228-34

Enhanced accumulation of inflammatory neutrophils and macrophages mediated by transfer of T cells from mice immunized with Listeria monocytogenes. Czuprynski CJ, et al. **J Immunol** 1985 May;134(5):3449-54

Macrophages in oral lichen planus. Matthews JB, et al. **J Oral Pathol** 1985 Aug;14(7):553-8

Cutaneous lymphoma expressing both T-cell and macrophage features. Adams J, et al. **J R Soc Med** 1984; 77 Suppl 4:12-5

Effect of burn injury on granulocyte and macrophage production. Gamelli RL, et al. **J Trauma** 1985 Jul; 25(7):615-9

Progressive neurologic disorder [letter] Cogan DG. **Mayo Clin Proc** 1985 Mar;60(3):211

Interstitial foam cells in the nephrotic syndrome belong to the monocyte/macrophage lineage. Nolasco F, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:666-71

Sessile macrophages forming clear endothelium-like membrane on inside of successful keratoprosthesis. Wolter JR, et al. **Trans Am Ophthalmol Soc** 1984;82:187-202

[Pathologic characteristics and biologic significance of the mononucleate and multinucleate macrophages of thyroid cancer] Huang XR. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):409-12 (Eng. Abstr.) **(Chi)**

[Acute hepatitis presenting severe thrombocytopenia with phagocytosis of platelets by macrophages in the bone marrow] Narumi S, et al. **Rinsho Ketsueki** 1984 Dec; 25(12):1973-80 (Eng. Abstr.) **(Jpn)**

[Comparative characteristics of the cytotoxic properties of natural zeolites] Korkina LG, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):49-50 **(Rus)**

[Cytotoxic effect of various types of synthetic asbestos on murine peritoneal macrophage culture] Pylev LN, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):50-2 **(Rus)**

[Bronchoalveolar lavage in diffuse interstitial lung diseases] Mušič E, et al. **Plucne Bolesti** 1984 Jan-Jun;36(1-2):69-72 (Eng. Abstr.) **(Scr)**

PHYSIOLOGY

Macrophages in glomerular injury. I. The kinetics of macrophages in accelerated Masugi nephritis in the rat. Shibata N, et al. **Acta Pathol Jpn** 1985 Jan;35(1):9-22

Effect of gamma interferon on spreading of mouse peritoneal macrophages on solid surfaces. Kjeldsberg E, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Jun; 93(3):165-70

Macrophage signal recognition. Weir DM. **Agents Actions** 1984 Aug;15(1-2):2-11

PHA reactivity of spontaneous AKR lymphomas: absolute macrophage requirement. Alonso MC, et al. **Allergol Immunopathol (Madr)** 1984 Sep-Oct;12(5):363-7

Comparison of the neovascular effects of stimulated macrophages and neutrophils in autologous rabbit corneas. Moore JW 3d, et al. **Am J Pathol** 1985 Jul;120(1):87-98

Inhibition of phagosome-lysosome fusion in macrophages by soluble extracts of virulent Brucella abortus. Frenchick PJ, et al. **Am J Vet Res** 1985 Feb;46(2):332-5

Human alveolar macrophage inhibition of lung fibroblast growth. A prostaglandin-dependent process. Elias JA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):94-9

Factors related to the appearance of alveolar macrophages in the developing lung. Jacobs RF, et al. **Am Rev Respir Dis** 1985 Apr;131(4):548-53

Phagocytic defense in the lung. Reynolds HY. **Antibiot Chemother** 1985;36:74-87 (40 ref.)

Migration of polymorphonuclear neutrophils and macrophages from bone marrow to the peritoneal cavity after (3H)-thymidine labelling of rat tibial bone marrow in vivo. Smeaton TC. **Aust J Exp Biol Med Sci** 1984 Aug; 62 (Pt 4):453-63

The effect of elimination of macrophages on the tissue distribution of liposomes containing [3H]methotrexate. Claassen E, et al. **Biochim Biophys Acta** 1984 Dec 20; 802(3):428-34

Lectin-like molecules on the murine macrophage cell surface. Imamura T, et al. **Biochim Biophys Acta** 1984 Nov 13; 805(3):235-44

Intracellular calcium does not appear to be essential for arachidonic acid release from stimulated macrophages as shown by studies with Quin-2. Lokesh BR, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):101-8

Role of 2-deoxy-D-glucose in the inhibition of phagocytosis by mouse peritoneal macrophage. Sung SS, et al. **Biochim Biophys Acta** 1985 May 30;845(2):204-15

Ganglioside alterations in stimulated murine macrophages. Yohe HC, et al. **Biochim Biophys Acta** 1985 Aug 8; 818(1):81-6

Role of carbohydrates in rat leukemia cell-liver macrophage cell contacts. Schlepper-Schäfer J, et al. **Biol Cell** 1984; 52(3):253-8

The recognition of red blood cells by macrophages: role of phosphatidylserine and possible implications of membrane phospholipid asymmetry. Schroit AJ, et al. **Biol Cell** 1984; 51(2):227-38

Preferential phagocytosis of in vivo aged murine red blood cells by a macrophage-like cell line. Walker WS, et al. **Br J Haematol** 1984 Oct;58(2):259-66

Lymphocyte and macrophage function. Crawford DH. **Br J Hosp Med** 1984 Sep;32(3):112, 114-8 (32 ref.)

Effect of plasma fibronectin, macrophages, and glycosaminoglycans on tumor cell growth. Martin DE, et al. **Cancer Invest** 1984;2(5):339-45

Macrophages and metastasis--a biological approach to cancer therapy. Fidler IJ. **Cancer Res** 1985 Oct; 45(10):4714-26

Induction of 5,6-ring-saturated thymine bases in NIH-3T3 cells by phorbol ester-stimulated macrophages: role of reactive oxygen intermediates. Lewis JG, et al. **Cancer Res** 1985 Mar;45(3):1270-5

Unsaturated fatty acids stimulate NADPH-dependent superoxide production by cell-free system derived from macrophages. Bromberg Y, et al. **Cell Immunol** 1984 Oct 1;88(1):213-21

Nonimmune lymphocyte-macrophage interaction. II. Evidence that the interaction involves sulfated polysaccharide recognition. Chong AS, et al. **Cell Immunol** 1985 May;92(2):277-89

Ia-positive macrophages bind and internalize viable lymphocytes in murine thymus. Epstein HD, et al. **Cell Immunol** 1985 Oct 1;95(1):15-34

The mechanism of antibody-dependent cellular cytotoxicity stimulation by somatostatin in rat peritoneal macrophages. Fóris G, et al. **Cell Immunol** 1985 Jan;90(1):217-25

Granuloma macrophages in murine schistosomiasis mansoni generate components of the angiotensin system. Weinstock JV, et al. **Cell Immunol** 1984 Nov;89(1):39-45

Angiotensin II stimulation of granuloma macrophage phagocytosis and actin polymerization in murine schistosomiasis mansoni. Weinstock JV, et al. **Cell Immunol** 1984 Nov;89(1):46-54

Reorientation of the Golgi apparatus and the microtubule-organizing center inside macrophages subjected to a chemotactic gradient. Nemere I, et al. **Cell Motil** 1985;5(1):17-29

Appearance and distribution of fetal brain macrophages in mice. Immunohistochemical study with a monoclonal antibody. Matsumoto Y, et al. **Cell Tissue Res** 1985; 239(2):271-8

Role of macrophages and multinucleate giant cells in the resorption of corpora amylacea in the involuting bovine mammary gland. Nickerson SC, et al. **Cell Tissue Res** 1985; 240(2):397-401

The effects of lectins on the interaction between macrophages and bone in vitro. A morphological and functional study. Popoff SN, et al. **Cell Tissue Res** 1985;241(1):103-9

Endocytic pathways and time sequence of lysosomal transfer of macromolecules in cultured mouse peritoneal macrophages. Double-labeling experiments with horseradish peroxidase and ferritin. Thyberg J, et al. **Cell Tissue Res** 1985;241(2):299-303

Monocyte-macrophage system function in primary IgA nephropathy. Roccatello D, et al. **Contrib Nephrol** 1984; 40:130-6

Opsonic activity of MCP-1 and MCP-2, cationic peptides from rabbit alveolar macrophages. Fleischmann J, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):233-42

Effects of testicular macrophage-conditioned medium on Leydig cells in culture. Yee JB, et al. **Endocrinology** 1985 Jun;116(6):2682-4

Pulmonary macrophages induce deterioration of guinea-pig tracheal beta-adrenergic function through release of oxygen radicals. Engels F, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):143-4

Oscillations in cell shape and size during locomotion and in contractile activities of Physarum polycephalum, Dictyostelium discoideum, Amoeba proteus and macrophages. Satoh H, et al. **Exp Cell Res** 1985 Jan; 156(1):79-90

Recombinant immune interferon inhibits leukemic cell growth by a monocyte-macrophage-mediated mechanism. Hosoi T, et al. **Exp Hematol** 1985 Aug;13(7):597-602

Resolution of pulmonary inflammation. Henson PM, et al. **Fed Proc** 1984 Oct;43(13):2799-806

Phagocytosis of protamine-heparin aggregates by mouse peritoneal exudate cells. Rossmann P, et al. **Folia Microbiol (Praha)** 1985;30(3):319-26

Sessile macrophages forming clear endotheliumlike membrane on the inside of successful keratoprosthesis. Wolter JR, et al. **Graefes Arch Clin Exp Ophthalmol** 1985; 222(3):109-17

Inhibition of granulocyte-macrophage (GM) colony formation by sera of patients with neoplasma of digestive tract in the course of surgical treatment. Szmitkowski M, et al. **Haematologia (Budap)** 1984;17(4):439-42

Chemiluminescence of macrophages depends upon their differentiation stage: dissociation between phagocytosis and oxygen radical release. D'Onofrio C, et al. **Immunobiology** 1984 Dec;167(5):414-30

Enhancement of rat ACT-1 tumor clonogenicity by xenogeneic mouse macrophages. Beagley KW, et al. **In Vitro** 1984 Aug;20(8):623-8

Oxidative metabolic response and microbicidal activity of human milk macrophages: effect of lipopolysaccharide and muramyl dipeptide. Cummings NP, et al. **Infect Immun** 1985 Aug;49(2):435-9

Functional heterogeneity of isopycnic fractions of rat alveolar macrophages. O'Neill SJ, et al. **Infect Immun** 1984 Oct;46(1):282-4

Granulocyte-macrophage colony-stimulating factor in the sera of Schistosoma japonicum-infected mice. Owhashi M, et al. **Infect Immun** 1985 Sep;49(3):533-7

Killed Escherichia coli stimulates macrophage-mediated alterations in hepatocellular function during in vitro coculture: a mechanism of altered liver function in sepsis. West MA, et al. **Infect Immun** 1985 Sep;49(3):563-70

Cellular biology of pulmonary macrophages. van Furth R. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:21-7 (31 ref.)

Procoagulant activity of macrophages associated with different murine neoplasms. Guarini A, et al. **Int J Cancer** 1984 Oct 15;34(4):581-6

Enhancement of colony-stimulating activity (CSA) on murine CFU-gm by the H-4-II-E2 (H4) tumor cell line of the rat. Kovacs CJ, et al. **Int J Cell Cloning** 1984 Nov; 2(6):368-82

Can macrophages cause obstruction to aqueous outflow in rabbits? Feder RS, et al. **Int Ophthalmol** 1984 Jun; 7(2):87-93

Effects of macrophage profilin on actin in the presence and absence of acumentin and gelsolin. DiNubile MJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7402-9

Scavenger function of sinusoidal liver cells. Acetylated low-density lipoprotein is endocytosed via a route distinct from formaldehyde-treated serum albumin. Horiuchi S, et al. **J Biol Chem** 1985 Jan 10;260(1):53-6

Protein kinase C and calcium ion in mitogenic response of macrophage-depleted human peripheral lymphocytes. Kaibuchi K, et al. **J Biol Chem** 1985 Feb 10;260(3):1366-9

Inhibition of macrophage phagocytosis by methylation inhibitors. Lack of correlation of protein carboxymethylation and phospholipid methylation with phagocytosis. Sung SJ, et al. **J Biol Chem** 1985 Jan 10; 260(1):546-54

A requirement for cholesterol and its structural features for a human macrophage-like cell line. Esfahani M, et al. **J Cell Biochem** 1984;25(2):87-97

Fc receptor-mediated binding and endocytosis by human mononuclear phagocytes: monomeric IgG is not endocytosed by U937 cells and monocytes. Jones DH, et al. **J Cell Biol** 1985 Feb;100(2):558-64

Cytoplasmic motions, rheology, and structure probed by a novel magnetic particle method. Valberg PA, et al. **J Cell Biol** 1985 Jul;101(1):130-40

Electroimmunology: the physiologic role of ion channels in the immune system. Chandy KG, et al. **J Immunol** 1985 Aug;135(2 Suppl):787s-791s

Effects of various inhibitors of arachidonic acid oxygenation on macrophage superoxide release and tumoricidal activity. Schultz RM, et al. **J Immunol** 1985 Sep;135(3):2040-4

Role of inflammatory cells in Chagas' disease. II. Interactions of mouse macrophages and human monocytes with intracellular forms of Trypanosoma cruzi: uptake and mechanism of destruction. Villalta F, et al. **J Immunol** 1984 Dec;133(6):3338-43

Macrophage colony-stimulating factor (M-CSF) enhances the capacity of murine macrophages to secrete oxygen reduction products. Wing EJ, et al. **J Immunol** 1985 Sep; 135(3):2052-6

Cultivation of murine bone marrow macrophages in sponges: a method that permits recovery of viable cultured cells. Akporiaye ET, et al. **J Immunol Methods** 1984 Dec 14; 75(1):149-58

A semi-automated micro-assay for H2O2 release by human blood monocytes and mouse peritoneal macrophages. De la Harpe J, et al. **J Immunol Methods** 1985 Apr 22; 78(2):323-36

Quantitative evaluation of opsonin-independent phagocytosis by alveolar macrophages in monolayer using polystyrene microspheres. Lehnert BE, et al. **J Immunol Methods** 1985 Apr 22;78(2):337-44

Size, adherence, and phagocytic characteristics of alveolar macrophages harvested 'early' and 'later' during bronchoalveolar lavage. Lehnert BE, et al. **J Immunol Methods** 1984 Oct 26;73(2):329-35

Study of cell deformability by a simple method. Mege JL, et al. **J Immunol Methods** 1985 Sep 3;82(1):3-15

Multiwell chamber chemotaxis assays: improved experimental design and data analysis. Minkin C, et al. **J Immunol Methods** 1985 Apr 22;78(2):307-21

Photometric microassay for quantitation of macrophage Fc and C3b receptor function. Rummage JA, et al. **J Immunol Methods** 1985 Feb 28;77(1):155-63

Regulation of interleukin 1 production by alpha and beta interferons: evidence for both direct and indirect enhancement. Candler RV, et al. **J Interferon Res** 1985 Winter;5(1):179-89

Cultured human alveolar macrophages from smokers with lung cancer: resolution of factors that stimulate fibroblast proliferation, production of collagenase, or prostaglandin E2. Dayer JM, et al. **J Leukocyte Biol** 1985 May; 37(5):641-9

Fluorescent markers for studying phagosome-lysosome fusion. Goren MB, et al. **J Leukocyte Biol** 1984 Sep; 36(3):273-92

The effect of local antibody responses on in vivo and in vitro phagocytosis by pulmonary alveolar macrophages. Harmsen AG, et al. **J Leukocyte Biol** 1985 May; 37(5):483-92

Inhibition of CFU-E colony formation by resident peritoneal macrophages from hybrids of BALB/c mice. Johnson CS, et al. **J Leukocyte Biol** 1984 Nov;36(5):581-90

Phagocytosis by receptors for C3b (CR1), iC3b (CR3), and IgG (Fc) on human peritoneal macrophages. Newman SL, et al. **J Leukocyte Biol** 1985 Aug;38(2):267-78

Induction of neovascularization and nonlymphoid mesenchymal cell proliferation by macrophage cell lines. Polverini PJ, et al. **J Leukocyte Biol** 1985 Mar;37(3):279-88

Studies of peritoneal macrophage function in murine systemic lupus erythematosus. 2. Nature of elevated resident peritoneal cells in NZB and (NZB x NZW)F1 mice. Russell PJ, et al. **J Leukocyte Biol** 1985 Aug;38(2):241-54

The motile response of lung macrophages: theoretical and experimental approaches using the linear under-agarose assay. Stickle DF, et al. **J Leukocyte Biol** 1985 Sep; 38(3):383-401

Influence of prostaglandin I2 on fibronectin-mediated phagocytosis in vivo and in vitro. Weinberg DA, et al. **J Leukocyte Biol** 1985 Feb;37(2):151-9

Characteristics of macrophages in irradiation chimeras in mice reconstituted with allogeneic bone marrow cells. Yasumizu R, et al. **J Leukocyte Biol** 1985 Aug;38(2):305-15

Phagocytosis, chemiluminescence, and cell volume of alveolar macrophages from neonatal and adult pigs. Zeidler RB, et al. **J Leukocyte Biol** 1985 Jan;37(1):29-43

Improved chimaeric mouse model confirms that resident peritoneal macrophages are derived solely from bone marrow precursors. Murch AR, et al. **J Pathol** 1984 Oct; 144(2):81-7

Normal macrophage function in infants receiving Intralipid by low-dose intermittent administration. Strunk RC, et al. **J Pediatr** 1985 Apr;106(4):640-5

The stimulation of human peripheral blood lymphocytes by solubilized dental plaque: macrophage and T-cell dependence. Baker JJ, et al. **J Periodontol** 1985 Jul; 56(7):410-8

Killing of Trypanosoma cruzi and Leishmania mexicana, and survival of Toxoplasma gondii, in chicken macrophages in vitro. Meirelles MN, et al. **J Submicrosc Cytol** 1985 Jul; 17(3):327-34

The quantity and function of pulmonary alveolar macrophages after splenectomy and Corynebacterium parvum. Cioffi WG, et al. **J Trauma** 1985 May;25(5):405-9

Relationship of hypoglycemia to tumor necrosis factor production and antitumor activity: role of glucose, insulin, and macrophages. Satomi N, et al. **JNCI** 1985 Jun; 74(6):1255-60

Prostaglandin E2 regulation of tumoristatic factor production by macrophage-like P388D1 cells. Young MR, et al. **JNCI** 1984 Oct;73(4):959-62

Macrophage-dependent arachidonate metabolism in hydronephrosis. Lefkowith JB, et al. **Kidney Int** 1984 Jul; 26(1):10-7

Defective macrophage function in wound repair of P/J mice. Kenyon AJ, et al. **Lab Anim Sci** 1985 Apr;35(2):150-2

Induction of neovascularization in vivo and endothelial proliferation in vitro by tumor-associated macrophages. Polverini PJ, et al. **Lab Invest** 1984 Dec;51(6):635-42

Role of macrophages in atherosclerosis. Sequential observations of cholesterol-induced rabbit aortic lesion by the immunoperoxidase technique using monoclonal antimacrophage antibody. Watanabe T, et al. **Lab Invest** 1985 Jul;53(1):80-90

Further studies on mechanisms of abnormal prostaglandin response by chronic myelogenous leukaemia granulocyte/macrophage progenitors. Taetle R, et al. **Leuk Res** 1984;8(5):833-42

Functions of multinucleated giant cells formed by fusing rat alveolar macrophages with lymphokines containing macrophage fusion factor. Sone S. **Lymphokine Res** 1984 Summer;3(4):163-73

Interaction of macrophages with 'old' red blood cells from syngeneic mice in vitro and the independence of the recognition process on macrophage Fc receptors. Knyszynski A, et al. **Mech Ageing Dev** 1985 Feb; 29(2):171-80

The origin of monocyte-macrophage heterogeneity: possible alternatives. Treves AJ. **Med Hypotheses** 1984 Aug; 14(4):335-46 (60 ref.)

Tuftsin (Thr-Lys-Pro-Arg), a natural modulator of macrophage activity: further studies. Bump NJ, et al. **Mol Cell Biochem** 1984 Sep;63(2):137-42

Enhanced binding of phosphatidylserine-containing lipid vesicle targets to RAW264 macrophages. Rimle D, et al. **Mol Cell Biochem** 1984 Sep;64(1):81-7

Expression of the Rous sarcoma virus src gene in avian macrophages fails to elicit transformed cell phenotype. Lipsich L, et al. **Mol Cell Biol** 1984 Jul;4(7):1420-4

Preferential expression of the c-fps protein in chicken macrophages and granulocytic cells. Samarut J, et al. **Mol Cell Biol** 1985 May;5(5):1067-72

Identity of tumour necrosis factor and the macrophage-secreted factor cachectin. Beutler B, et al. **Nature** 1985 Aug 8-14;316(6028):552-4

Phagosome acidification blocked by intracellular Toxoplasma gondii. Sibley LD, et al. **Nature** 1985 May 30-Jun 5; 315(6018):416-9

Effect of fibronectin on macrophage-induced tumor cell cytostasis. Raynor RH, et al. **Oncology** 1984;41(6):420-6

Voltage-dependent kinetics of an anionic channel of large unit conductance in macrophages and myotube membranes. Schwarze W, et al. **Pflugers Arch** 1984 Nov;402(3):281-91

Endothelial cell-derived chemotactic activity for mouse peritoneal macrophages and the effects of modified forms of low density lipoprotein. Quinn MT, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5949-53

Macrophage procoagulants. Edwards RL, et al. **Prog Hemost Thromb** 1984;7:183-209 (163 ref.)

The macrophage adherence phenomenon: its relationship to prostaglandin E2 and superoxide anion production and changes in transmembrane potential. Kunkel SL, et al. **Prostaglandins** 1983 Dec;26(6):893-904

Characterization of specific receptors for leukotriene D4 on human alveolar macrophages. Opmeer FA, et al. **Prostaglandins** 1984 Aug;28(2):183-94

Phagocytic and bactericidal properties of bovine macrophages from non-lactating mammary glands. Mullan NA, et al. **Res Vet Sci** 1985 Mar;38(2):160-6

Paradoxical functions of alveolar macrophages from Calmette-Guérin bacillus-immunized rats. Shiratori Y, et al. **Respiration** 1985;47(4):285-92

The granulocyte-macrophage colony-stimulating factors. Metcalf D. **Science** 1985 Jul 5;229(4708):16-22 (62 ref.)

Migration inhibitory factors and macrophage differentiation. Sorg C, et al. **Springer Semin Immunopathol** 1984; 7(4):311-20

Surface morphology and function of human pulmonary alveolar macrophages from smokers and non-smokers. Ando M, et al. **Thorax** 1984 Nov;39(11):850-6

The alveolar macrophage. du Bois RM. **Thorax** 1985 May; 40(5):321-7 (40 ref.)

Manganese dioxide induces alveolar macrophage chemotaxis for neutrophils in vitro. Snella MC. **Toxicology** 1985 Feb; 34(2):153-9

The effects of essential fatty acid deficiency on pulmonary alveolar macrophage function. Balint JA, et al. **Trans Am Clin Climatol Assoc** 1984;96:67-78

[Effect of C. parvum-activated macrophages on tumor cells: a microcinematographic study] Guo SY. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):140-3 (Eng. Abstr.) **(Chi)**

[Macrophage function of the thymus during karyoklastic shock] Dourov N, et al. **Rev Med Brux** 1985 Apr;6(4):231-4 (Eng. Abstr.) **(Fre)**

[Alveolar macrophages. A pivot cell of the lower lung] Ayoub A. **Tunis Med** 1984 Jan-Feb;62(1):5-11 (Eng. Abstr.) **(Fre)**

[Procoagulatory activity of macrophages and monocytes of the guinea pig] Gaertner HJ, et al. **Biomed Biochim Acta** 1984;43(4):429-38 (Eng. Abstr.) **(Ger)**

[Characteristics of mononuclear phagocytes in their normal state and in inflammation] van Furth R. **Folia Haematol (Leipz)** 1984;111(2):131-40 **(Ger)**

[Changes in the chemoluminescence behavior of micro- and macrophages in psoriasis: more than just an epiphenomenon?] Schopf RE, et al. **Z Hautkr** 1985 May 15;60(10):797-8, 801-2, 807 (Eng. Abstr.) **(Ger)**

[Phagocytic and intracellular killing activity of rat macrophages: critical analysis of 2 different evaluation methods] Iannello D, et al. **G Batteriol Virol Immunol** 1984 Jan-Jun;77(1-6):45-53 (Eng. Abstr.) **(Ita)**

[Antitumor activity of Ge-132, a new organogermanium compound, in mice is expressed through the functions of macrophages and T lymphocytes] Suzuki F. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1445-52 (Eng. Abstr.) **(Jpn)**

[A trial in removing melanin from the dermis] Takematsu H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec; 94(14):1599-607 **(Jpn)**

[Establishment of an experimental system of macrophage cell lines obtained by SV40 transformation] Takagi A. **Nippon Saikingaku Zasshi** 1984 Nov;39(6):865-8 (13 ref.) **(Jpn)**

[Studies on hepatocellular injury in experimentally induced acute hepatic failure--I. Possible involvement of the activated adherent cells] Tsutsui H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):603-9 (Eng. Abstr.) **(Jpn)**

[Studies on moutan cortex. IX. On the phagocytosis activity of the mouse reticuloendothelial system. (1)] Kubo M, et al. **Yakugaku Zasshi** 1985 Jan;105(1):26-32 (Eng. Abstr.) **(Jpn)**

[Cell center of macrophages, granulocytes and lymphocytes during in vitro cell spreading, polarization and movement] Gudima GO, et al. **Tsitologiia** 1984 Sep;26(9):1002-7 (Eng. Abstr.) **(Rus)**

[Inhibition of macrophage phagocytic activity by selective sensitization to alloantigens of the H-2 system] Santamaría M, et al. **Rev Esp Fisiol** 1985 Jun;41(2):217-20 (Eng. Abstr.) **(Spa)**

RADIATION EFFECTS

The effect of X-radiation on the process of lung clearance after inhalation of bacteria labelled with 3H-thymidine. Baltrukiewicz Z, et al. **Acta Physiol Pol** 1983 Sep-Dec; 34(5-6):519-23

Enhanced activity of the macrophage-like cell line J774.1 following exposure to gamma radiation. Gallin EK, et al. **J Leukocyte Biol** 1985 Sep;38(3):369-81

Effects of dose rate and dose fractionation of irradiation on pulmonary alveolar macrophage colony-forming cells. Lin HS, et al. **Radiat Res** 1985 Aug;103(2):260-5

Plasminogen activator activity in lung and alveolar macrophages of rats exposed to graded single doses of gamma rays to the right hemithorax. Ts'ao C, et al. **Radiat Res** 1985 Sep;103(3):393-402

SECRETION

A fibrinolytic inhibitor of human alveolar macrophages. Induction with endotoxin. Chapman HA Jr, et al. **Am Rev Respir Dis** 1985 Sep;132(3):569-75

In vivo initiation of unstimulated in vitro interleukin-1 release by alveolar macrophages. Lamontagne L, et al. **Am Rev Respir Dis** 1985 Mar;131(3):326-30

Stimulated human alveolar macrophages secrete interferon. Nugent KM, et al. **Am Rev Respir Dis** 1985 May; 131(5):714-8

The secretion of apolipoprotein E by human monocyte-derived macrophages. Kayden HJ, et al. **Arch Biochem Biophys** 1985 Jun;239(2):388-95

Role of prostaglandin E and interferon in secretion of colony-stimulating factor by murine macrophages after in vitro treatment with biological response modifiers. Schlick E, et al. **Int J Immunopharmacol** 1984;6(5):407-18

Secretion of a lipid transfer protein by human monocyte-derived macrophages. Tollefson JH, et al. **J Biol Chem** 1985 May 25;260(10):5887-90

A selective defect in arachidonic acid release from macrophage membranes in high potassium media. Aderem AA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1235-41

[In vitro release of arachidonate metabolites by human alveolar macrophages] Ogushi F, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug; 22(8):676-83 (Eng. Abstr.) **(Jpn)**

TRANSPLANTATION

A note on xenogeneic transfusion of macrophages in experimental septicaemia. Fakhri O, et al. **J Appl Bacteriol** 1984 Dec;57(3):531-2

The effects of allogeneic macrophages on a resistant wound infection and wound repair [letter] Fakhri O, et al. **Plast Reconstr Surg** 1985 May;75(5):766-8

[Use of autologous macrophage suspension in the treatment of lung abscesses] Chuchalin AG, et al. **Klin Med (Mosk)** 1985 Feb;63(2):85-8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Lipid storage disease: Part II. Ultrastructural pathology of lipid storage cells in sphingolipidoses. Takahashi K, et al. **Acta Pathol Jpn** 1985 Mar;35(2):385-408

Unusual inclusions in stromal macrophages in a case of gelatinous drop-like corneal dystrophy. Takahashi M, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):312-6

Evidence for erythrocyte-microvesiculation in vivo. Zimmermann N, et al. **Anat Anz** 1985;158(2):117-23

Prior exposure of macrophages to a low temperature enhances their cyclic AMP responses due to microtubule disruption. Hazeki K, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):101-9

Expression of transferrin receptors and intracellular ferritin during terminal differentiation of human monocytes. Andreesen R, et al. **Blut** 1984 Sep;49(3):195-202

The use of subcutaneously implanted araldite disks for microstructural studies of inflammatory macrophages. Araújo VC, et al. **Braz J Med Biol Res** 1984;17(3-4):293-5

Ultrastructural studies of spontaneous in vitro transformation of cultured marrow monocyte-macrophage cells from a patient with congenital hypoplastic anemia. Sambuy Y, et al. **Cancer Res** 1985 Mar;45(3):1392-401

Identification of human resident macrophages in continuous ambulatory peritoneal dialysis patients. Beelen RH, et al. **Cell Biol Int Rep** 1985 Jun;9(6):527

Scanning electron microscopy of macrophages in the tail musculature of the metamorphosing anuran tadpole, Rana japonica. Watanabe K, et al. **Cell Tissue Res** 1985; 241(3):545-50

Lipid island of the esophagus. Case report. Remmele W, et al. **Endoscopy** 1984 Nov;16(6):240-1

Macrophage Fc gamma 2b receptor expression and receptor-mediated phospholipase activity: regulation by endogenous eicosanoids. Rhodes J, et al. **Eur J Immunol** 1985 Mar;15(3):222-7

Particles and macrophages in murine Peyer's patches. LeFevre ME, et al. **Exp Cell Biol** 1985;53(3):121-9

Mononuclear and IgA-containing cells in the lacrimal gland of germ-free and conventional rats. Gudmundsson OG, et al. **Exp Eye Res** 1984 Nov;39(5):575-81

An electron microscopic study on macrophages and lymphocytes in lepromatous and borderline leprosy. Burchard GD, et al. **Int J Lepr Other Mycobact Dis** 1985

Mar;53(1):64-9

Topography and dynamics of receptors for acetylated and malondialdehyde-modified low-density lipoprotein in the plasma membrane of mouse peritoneal macrophages as visualized by colloidal gold in conjunction with surface replicas. Robenek H, et al. **J Histochem Cytochem** 1984 Oct;32(10):1017-27

Solid-phase radioassay for the determination of binding activity of solubilized tritiated Fc gamma receptor of guinea pig peritoneal macrophages. Tyran B. **J Immunol Methods** 1985 May 10;79(1):47-55

Alveolar macrophages after chronic tobacco smoke inhalation and after artificial respiratory therapy for acute pulmonary failure. Müller KM, et al. **Klin Wochenschr** 1984; 62 Suppl 2:43-50

Macrophages isolated from periapical granuloma: a scanning electron microscopic study. Zmener O. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):330-5

A mouse macrophage-like cell line (MMC-1) and its biological characteristics--scanning electron microscopic observation. Wang DB, et al. **Sci Sin [B]** 1984 Nov; 27(11):1142-6

Amyloid neuropathy: relationship between amyloid fibrils and macrophages. Vital A, et al. **Ultrastruct Pathol** 1984; 7(1):21-4

[Gaucheroid structures in macrophages in lipomelanic reticulosis] Bednář B. **Cesk Patol** 1985 Feb;21(1):5-7 (Eng. Abstr.) **(Cze)**

[Proof of death by drowning by smoker cells washed into the left heart blood] Reiter C. **Z Rechtsmed** 1984; 93(2):79-88 (Eng. Abstr.) **(Ger)**

[Effect of prodigiozan and lysozyme on the surface structures of macrophages after immunosuppression] Shcherbakova EG, et al. **Antibiotiki** 1984 Nov;29(11):840-4 (Eng. Abstr.) **(Rus)**

[Architectonics of the surface of alveolar macrophages] Fetisov VV, et al. **Arkh Anat Gistol Embriol** 1985 Mar; 88(3):84-8 (Eng. Abstr.) **(Rus)**

[Ultrastructural characteristics of macrophage transformation in foam cells in in vitro experiments] Nagornev VA, et al. **Biull Eksp Biol Med** 1985 May;99(5):617-9 (Eng. Abstr.) **(Rus)**

[Changes in the activity of lysosomal enzymes of alveolar macrophages and neutrophils in various lung diseases] Bulychev AG, et al. **Probl Tuberk** 1984 Aug;(8):62-5 (Eng. Abstr.) **(Rus)**

[Morphofunctional characteristics of peritoneal macrophages in mice after cryopreservation] Tsutsaeva AA, et al. **Tsitol Genet** 1984 Sep-Oct;18(5):332-8 (Eng. Abstr.) **(Rus)**

MACROSTOMIA

PATHOLOGY

Ablepharon macrostomia syndrome. Hornblass A, et al. **Am J Ophthalmol** 1985 May 15;99(5):552-6

SURGERY

Advancement of oral commissure in correcting mild macrostomia. Fukuda O, et al. **Ann Plast Surg** 1985 Mar; 14(3):205-12

MACULA LUTEA

Fleck retina in Kjellin's syndrome. Farmer SG, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):45-50

Light-induced maculopathy from the operating microscope. Khwarg SG, et al. **Am J Ophthalmol** 1984 Nov; 98(5):628-30

Argon laser photocoagulation for macular edema in branch vein occlusion [letter] Miller SD. **Am J Ophthalmol** 1985 Feb 15;99(2):218-9

Light-induced maculopathy. Ross WH. **Am J Ophthalmol** 1984 Oct 15;98(4):488-93

Fleck retina in Kjellin's syndrome [letter] Traboulsi EI. **Am J Ophthalmol** 1985 Jun 15;99(6):738-9

The incidence of idiopathic preretinal macular gliosis. Pearlstone AD. **Ann Ophthalmol** 1985 Jun;17(6):378-80

Coloboma of optic nerve associated with serous maculopathy. A clinicopathologic correlative study. Lin CC, et al. **Arch Ophthalmol** 1984 Nov;102(11):1651-4

Solitary intraretinal macular hemorrhage. Messmer EP, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):9-12

A prismatic scanning method for treating low vision patients with macular disorders [letter] Long WF, et al. **Ophthalmology** 1984 Nov;91(11):45A

Vitrectomy for macular pucker. Michels RG. **Ophthalmology** 1984 Nov;91(11):1384-8

Laser treatment of macular disease: procedure and follow-up. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985; :215-8

Laser treatment of macular disease: recurrence of subretinal neovascular membranes after treatment. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985;:256-62

Laser treatment of macular disease: patient and laser selection. Watzke RC. **Trans New Orleans Acad Ophthalmol** 1985;:140-7

[Static quantitative examination of the central visual field with a projection perimeter] Lao YA. **Chung Hua Yen Ko Tsa Chih** 1985 May;21(3):136-41 **(Chi)**

[Disciform detachment of the macular neuroepithelium--analysis of 118 cases on fundus fluorescein angiography] Liu CZ. **Chung Hua Yen Ko Tsa Chih** 1984 Nov;20(6):342-4 **(Chi)**

[Surgical treatment of macular epiretinal membranes] Trepsat C, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:187-91 **(Fre)**

[Toxic maculopathy caused by abuse of hydroxyquinoline derivatives? Apropos of a case] Bonnin P, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):131-2, 135-6 (Eng. Abstr.) **(Fre)**

[Surgical treatment of retinal detachment with macular tear using vitrectomy followed by air-serum exchange] Vallat M, et al. **Bull Soc Ophtalmol Fr** 1984 Apr;84(4):421-3 **(Fre)**

[Delayed encephalitic complication of measles with maculopathy in an adult (letter)] Delangre T, et al. **Presse Med** 1985 May 4;14(18):1038-9 **(Fre)**

BLOOD SUPPLY

Avascular zone in the macula in cicatricial retinopathy of prematurity. Ibayashi H, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):235-9

Photofield mapping in the evaluation and management of subretinal neovascularization. Avila MP, et al. **Ann Ophthalmol** 1985 Jan;17(1):13-9

Age-related macular degeneration and blindness due to neovascular maculopathy. Ferris FL 3d, et al. **Arch Ophthalmol** 1984 Nov;102(11):1640-2

Macular photocoagulation study [letter] Fine SL, et al. **Arch Ophthalmol** 1984 Nov;102(11):1583

[Idiopathic juxtafoveolar retinal telangiectasis in the adult] Grandon M, et al. **Bull Soc Ophtalmol Fr** 1984 May; 84(5):609-12 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

Some observations on the macula of pesticide workers. Misra UK, et al. **Hum Toxicol** 1985 Mar;4(2):135-45

[Gold-dust maculopathy after absorption of canthaxanthine] Saraux H, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1273-4, 1277 **(Fre)**

[Ocular side effects of flumequine. 3 cases of macular involvement] Hurault de Ligny B, et al. **Therapie** 1984 Sep-Oct;39(5):595-600 (Eng. Abstr.) **(Fre)**

INJURIES

Foveal photocoagulation from laser iridotomy. Berger BB. **Ophthalmology** 1984 Sep;91(9):1029-33

[Accidental bilateral asymmetric ruby laser maculopathy] Lang GK, et al. **Klin Monatsbl Augenheilkd** 1985 May; 186(5):366-70 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Adult vitelliform macular detachment occurring in patients with basal laminar drusen. Gass JD, et al. **Am J Ophthalmol** 1985 Apr 15;99(4):445-59

Biomicroscopic study of the vitreous in eyes with macular pucker after retinal detachment surgery. Avila MP, et al. **Ann Ophthalmol** 1985 Jul;17(7):403-10

[Changes in the position of the fovea with reference to the disc as a guide in the diagnosis of cyclotropia] Kong LY. **Chung Hua Yen Ko Tsa Chih** 1984 May;20(3):142-5 **(Chi)**

[Normal and pathologic anatomy of the macula] Dhermy P. **Bull Soc Belge Ophtalmol** 1984;209:101-16 (Eng. Abstr.) **(Fre)**

[Morning-glory papilla and detachment of the macular neuroepithelium] Adenis JP. **Bull Soc Ophtalmol Fr** 1983 Oct;83(10):1163-4 (Eng. Abstr.) **(Fre)**

[Papillary pits and maculopathies] Romanet JP, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1311-4, 1317 **(Fre)**

[Drusen of the posterior pole and color vision (double color thresholds)] Vola JL, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):927-30 (Eng. Abstr.) **(Fre)**

[Clinical studies on macular changes in diabetic retinopathy. Part 3. Studies on pathology of retinal capillary beds in and around the macula in diabetic retinopathy] Sato Y, et al. **Nippon Ganka Gakkai Zasshi** 1984 Jul;88(7):1084-92 (Eng. Abstr.) **(Jpn)**

[Early examination of the macular structure after uncomplicated surgical treatment of senile cataract] Bernardczykowa A, et al. **Klin Oczna** 1984 May;86(5):193-5 (Eng. Abstr.) **(Pol)**

PHYSIOLOGY

Occipital distribution of foveal half-field responses. Brecelj J, et al. **Doc Ophthalmol** 1985 Feb;59(2):157-65

Tunnel vision induced by a foveal load manipulation. Williams LJ. **Hum Factors** 1985 Apr;27(2):221-7

Hidden-face recognition: comparing foveal and extrafoveal performance. Hübner M, et al. **Hum Neurobiol** 1985; 4(1):1-7

The acute effect of cigarette smoking on macular capillary blood flow in humans. Robinson F, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):609-13

The mapping of visual space onto foveal striate cortex in the macaque monkey. Dow BM, et al. **J Neurosci** 1985 Apr;5(4):890-902

Effect of large spatial uncertainty on foveal luminance increment detectability. Cohn TE, et al. **J Opt Soc Am [A]** 1985 Jun;2(6):820-5

Comment on 'Line-separation discrimination curve in the human fovea: smooth or segmented'? Hirsch J. **J Opt Soc Am [A]** 1985 Mar;2(3):477-9

Loss of spatial phase relationships in extrafoveal vision. Rentschler I, et al. **Nature** 1985 Jan 24-30;313(6000):308-10

Critical fusion frequency in the central visual field. Douthwaite WA, et al. **Ophthalmic Physiol Opt** 1985; 5(1):15-21

The spatiotemporal properties of the r-g X-cell channel. Ingling CR Jr, et al. **Vision Res** 1985;25(1):33-8

Aliasing in human foveal vision. Williams DR. **Vision Res** 1985;25(2):195-205

PHYSIOPATHOLOGY

Macular reflexes in optic atrophy. Safran AB, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):494-8

Macular electroretinograms: their accuracy, specificity and implementation for clinical use. Vaegan, et al. **Aust J Ophthalmol** 1984 Nov;12(4):359-72

Main types of bull's eye maculopathy. Functional classification. Pinckers A, et al. **Doc Ophthalmol** 1984 Nov 15;58(3):257-67

Visual evoked potentials in macular disease. Bass SJ, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1071-4

Foveal interocular time thresholds and latency differences in multiple sclerosis. Ehrenstein WH, et al. **J Neurol** 1985; 231(6):313-8

Simultaneous recording of pattern electroretinogram and visual evoked responses in neuro-ophthalmologic disorders. Kaufman D, et al. **Neurology** 1985 May; 35(5):644-51

The effect of illumination and foveal fusion lock on clinical fixation disparity measurements with the Sheedy Disparometer. Wildsoet CF, et al. **Ophthalmic Physiol Opt** 1985;5(2):171-8

[Evaluation of macular function in opacities of the ocular media] Zanen A. **Bull Soc Belge Ophtalmol** 1984;209:139-49 (Eng. Abstr.) **(Fre)**

[Idiopathic central serous chorioretinopathy] Binaghi M, et al. **J Fr Ophtalmol** 1984;7(5):419-36 (96 ref.) **(Fre)**

[Senile macula and cerebral functions] Offret G, et al. **J Fr Ophtalmol** 1984;7(8-9):569-73 (Eng. Abstr.) **(Fre)**

[Effects of panretinal photocoagulation on posterior fundus in diabetic retinopathy. Analysis of local macular electroretinogram and visual evoked response] Kondo T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Apr;89(4):535-43 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

Blue light hazard and aniridia. Abadi RV, et al. **Br J Ophthalmol** 1985 Mar;69(3):233-5

[Photic macular injuries] Moyenin P, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):849-52 **(Fre)**

SURGERY

[Treatment of diabetic cystoid macular edema by argon laser photocoagulation] Gaudric A, et al. **J Fr Ophtalmol** 1984; 7(4):291-304 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

A clinical, fluorescein angiographic, and electron microscopic correlation of cystoid macular edema. Gass JD, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):82-6

[Basic study on pars plana vitrectomy. Part 5. Effects of the pars plana vitrectomy on the macula of the monkey eyes using experimental vitreous hemorrhage] Shimada H, et al. **Nippon Ganka Gakkai Zasshi** 1984 May;88(5):856-72 (Eng. Abstr.) **(Jpn)**

MACULAE, ACOUSTIC see under **SACCULE AND UTRICLE**

MACULAR DEGENERATION

Relationship of senile macular degeneration to ocular pigmentation. Weiter JJ, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):185-7

[Symposium on senile macular degeneration. Round table] **Bull Soc Belge Ophtalmol** 1984;209:219-36 **(Fre)**

CHEMICALLY INDUCED

[Evaluation of the organ of sight in workers at the Masovian Refinery-Petrochemistry Plant. II. Correlation of the results of ophthalmological tests with the results of specialized and laboratory tests] Krawczykowa Z, et al. **Med Pr** 1984;35(3):227-30 (Eng. Abstr.) **(Pol)**

CLASSIFICATION

[Senile macular degeneration. Definition and classification] Comhaire-Poutchinian Y. **Bull Soc Belge Ophtalmol** 1984; 209:91-100 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Acute angle-closure glaucoma due to senile macular degeneration treated by argon laser photocoagulation.

Grewal KS, et al. **Ann Ophthalmol** 1984 Oct;16(10):935-8

Ripping of detached retinal pigment epithelium in senile macular degeneration. De Laey JJ, et al. **Bull Soc Belge Ophtalmol** 1983;207:27-35

Natural history of choroidal neovascularization in degenerative myopia. Avila MP, et al. **Ophthalmology** 1984 Dec;91(12):1573-81

Macular hole and retinal detachment in Best's disease. Schachat AP, et al. **Retina** 1985 Winter-Spring;5(1):22-5

Hereditary sensory neuropathy with macular dystrophy. Tallman MS, et al. **South Med J** 1985 Mar;78(3):345-8

[Indications, technic and results of photocoagulation of subretinal neovascularizations (in senile macular degeneration)] Soubrane G, et al. **Annee Ther Clin Ophtalmol** 1983;34:297-311 (Eng. Abstr.) **(Fre)**

[Treatment of choroid neovascularization by monochromatic argon laser in maculopathies] Arnaud B, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:193-6 **(Fre)**

[Spinocerebellar degeneration associated with bilateral basal ganglia calcification, macular degeneration and mental retardation--case report of two siblings] Kajiyama K, et al. **Rinsho Shinkeigaku** 1985 May;25(5):553-9 (Eng. Abstr.) **(Jpn)**

[Clinical picture of transudative macular dystrophy in myopia] Vodovozov AM, et al. **Oftalmol Zh** 1984;(6):337-9 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Fleck retina in Kjellin's syndrome [letter] Pautler SE. **Am J Ophthalmol** 1985 May 15;99(5):618-9

Pattern and Ganzfeld electroretinograms in macular disease. Arden GB, et al. **Br J Ophthalmol** 1984 Dec;68(12):878-84

Star-shaped macular lesions with yellow plaques. De Laey JJ, et al. **Bull Soc Belge Ophtalmol** 1983;207:75-84

Early detection of extrafoveal neovascular membranes by daily central field evaluation. Fine SL. **Ophthalmology** 1985 May;92(5):603-9

Aging macular degeneration. Clinical features of treatable disease. Folk JC. **Ophthalmology** 1985 May;92(5):594-602

[Ophthalmoscopic appearance of vitelliform discs of the macula] de Ville de Goyet B, et al. **Bull Soc Belge Ophtalmol** 1984;209:61-74 (Eng. Abstr.) **(Fre)**

[Angiographic aspects of senile macular degeneration] Gilson M, et al. **Bull Soc Belge Ophtalmol** 1984;209:155-74 (25 ref.) (Eng. Abstr.) **(Fre)**

[Senile macular degeneration and classic visual functions] Lavergne G. **Bull Soc Belge Ophtalmol** 1984;209:129-38 (Eng. Abstr.) **(Fre)**

[Unusual development of disciform degeneration with choroid hematoma] Haut J, et al. **Bull Soc Ophtalmol Fr** 1984 Feb;84(2):125-7 **(Fre)**

[Echographic profile of senile disciform macular degeneration and problems of differential diagnosis] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30; 60(6):1245-51 (Eng. Abstr.) **(Ita)**

[Pseudovitelliform degeneration] Munteanu G. **Rev Chir [Oftalmol]** 1985 Jan-Mar;29(1):13-8 (11 ref.) (Eng. Abstr.) **(Rum)**

[Differentiation of the transudative (moist) form of complicated myopia from the dry form by the blood protein composition and permeability of the vascular wall] Korotkov VN. **Oftalmol Zh** 1984;(5):300-2 (Eng. Abstr.) **(Rus)**

[Importance of the photostress test in diagnosing dry and transudative forms of macular dystrophy in myopia] Vodovozov AM, et al. **Vestn Oftalmol** 1985 Jan-Feb; 101(1):49-51 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Phosphaden in the treatment of patients with age-related macular dystrophies] Smoliakova GP, et al. **Oftalmol Zh** 1984;(8):489-91 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Pathogenetic factors of aging macular degeneration. Tso MO. **Ophthalmology** 1985 May;92(5):628-35

[Pathogenesis of senile macular degeneration] Coscas G. **Bull Soc Belge Ophtalmol** 1984;209:117-27 (38 ref.) (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

Evolution of benign concentric annular macular dystrophy. van den Biesen PR, et al. **Am J Ophthalmol** 1985 Jul 15; 100(1):73-8

Fundus flavimaculatus: polymorphic retinal change in siblings. Isashiki Y, et al. **Br J Ophthalmol** 1985 Jul; 69(7):522-4

[Idiopathic macular retinoschisis in the young subject associated with preretinal and prepapillary neovessels] Brancato R, et al. **J Fr Ophtalmol** 1984;7(11):685-8 (Eng. Abstr.) **(Fre)**

[Unusual associations of pattern dystrophies] Lodato G, et al. **J Fr Ophtalmol** 1985;8(2):147-54 (Eng. Abstr.) **(Fre)**

METABOLISM

Zinc and copper metabolism in patients with senile macular degeneration. Silverstone BZ, et al. **Ann Ophthalmol** 1985 Jul;17(7):419-22

Defective processing of keratan sulfate in macular corneal dystrophy. Nakazawa K, et al. **J Biol Chem** 1984 Nov 25; 259(22):13751-7

OCCURRENCE

The Wisconsin epidemiologic study of diabetic retinopathy. IV. Diabetic macular edema. Klein R, et al. **Ophthalmology** 1984 Dec;91(12):1464-74

PATHOLOGY

Diffuse drusen and associated complications. Kenyon KR, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):119-28

Cellular mechanisms of resolution of drusen after laser coagulation. An experimental study. Duvall J, et al. **Arch Ophthalmol** 1985 May;103(5):694-703

Fenestrated sheen macular dystrophy [letter] Nussbaum JJ. **Arch Ophthalmol** 1984 Dec;102(12):1749

Senile macular degeneration: the involvement of immunocompetent cells. Penfold PL, et al. **Graefes Arch Clin Exp Ophthalmol** 1985;223(2):69-76

Pathologic features of senile macular degeneration. Green WR, et al. **Ophthalmology** 1985 May;92(5):615-27

Choroidal neovascularization can digest Bruch's membrane. A prior break is not essential. Heriot WJ, et al. **Ophthalmology** 1984 Dec;91(12):1603-8

Acquired macular degeneration. I. Nonexudative (dry) macular degeneration. Noble KG, et al. **Ophthalmology** 1985 Apr;92(4):591-2

[Spontaneous evolution of senile disciform degeneration of the macula] De Laey JJ. **Bull Soc Belge Ophtalmol** 1984; 209:175-87 (Eng. Abstr.) **(Fre)**

[Normal and pathologic anatomy of the macula] Dhermy P. **Bull Soc Belge Ophtalmol** 1984;209:101-16 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Effects of luminance on contrast sensitivity in senile macular degeneration. Brown B, et al. **Am J Optom Physiol Opt** 1983 Sep;60(9):788-93

Diurnal rhythms in macular degeneration. Hanscom TA, et al. **Ann Ophthalmol** 1980 Sep;12(9):1058-60

Age-related macular degeneration and blindness due to neovascular maculopathy. Ferris FL 3d, et al. **Arch Ophthalmol** 1984 Nov;102(11):1640-2

Peripheral retinal function in age-related macular degeneration. Sunness JS, et al. **Arch Ophthalmol** 1985 Jun; 103(6):811-6

Electrophysiological results in several types of macular dystrophy. Stadler G. **Dev Ophthalmol** 1984;9:204-12

[Electrophysiology of senile macular degeneration] Dehon P. **Bull Soc Belge Ophtalmol** 1984;209:151-4 (Eng. Abstr.) **(Fre)**

[Senile macula and cerebral functions] Offret G, et al. **J Fr Ophtalmol** 1984;7(8-9):569-73 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Aphakic macular edema: some observations on prevention and pathogenesis. Krishnan MM, et al. **Ann Ophthalmol** 1985 Apr;17(4):253-7

RADIONUCLIDE IMAGING

Hereditary macular dystrophies in relation to radionuclide ocular scintigraphy. Freeman ML, et al. **Ann Ophthalmol** 1985 Mar;17(3):182-4

REHABILITATION

[Visual aids for advanced senile macular degeneration] Thys-Barzin A. **Bull Soc Belge Ophtalmol** 1984; 209:199-218 (Eng. Abstr.) **(Fre)**

SURGERY

Epithelialization of the anterior chamber as a complication of penetrating keratoplasty. Ferry AP, et al. **Ann Ophthalmol** 1985 Jul;17(7):414-7

Clinical photocoagulation with the organic dye laser. A preliminary communication. L'Esperance FA Jr. **Arch Ophthalmol** 1985 Sep;103(9):1312-6

Massive choroidal haemorrhage as a complication of krypton red laser photocoagulation for disciform degeneration. Gole GA. **Aust N Z J Ophthalmol** 1985 Feb;13(1):37-8

Changing the protocol: a case report from the Macular Photocoagulation Study. Macular Photocoagulation Study Group. **Controlled Clin Trials** 1984 Sep;5(3):203-16

The monochromatic green argon laser in the management of macular disorders. Gazocchi M, et al. **Lasers Surg Med** 1985;5(2):95-104

Krypton red laser photocoagulation of subretinal neovascular membranes located within the foveal avascular zone. Decker WL, et al. **Ophthalmology** 1984 Dec;91(12):1582-6

[Technic and results of photocoagulation in senile macular degeneration] Soubrane G. **Bull Soc Belge Ophtalmol** 1984; 209:189-97 (Eng. Abstr.) **(Fre)**

[Treatment of degenerative maculopathies with the monochromatic green argon laser] Arnaud B, et al. **Bull Soc Ophtalmol Fr** 1984 Aug-Sep;84(8-9):977-80 **(Fre)**

[Krypton laser in the treatment of subretinal neovessels in senile macular degeneration. Apropos of 60 cases] Koenig F, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):857-60 **(Fre)**

[Modern status of ophthalmomicrosurgery in the treatment of cataract and the etiopathogenesis, possibilities and limits of senile macular degeneration] Gliem H. **ZFA** 1984 Nov-Dec;39(6):321-3 (Eng. Abstr.) **(Ger)**

[Intralamellar reinforcement of the sclera in high myopia complicated by hemorrhage and transudative macular dystrophy] Panfilov NI. **Oftalmol Zh** 1984;(8):467-8 (Eng. Abstr.) **(Rus)**

THERAPY

Treatment of low vision in fundus flavimaculatus. McMahon TT, et al. **Arch Ophthalmol** 1985 Sep;103(9):1325-8

[Surgical occlusion of 2 vorticose veins in the treatment of decompensated senile macular degeneration] Bonnet M. **J Fr Ophtalmol** 1984;7(8-9):563-7 (Eng. Abstr.) **(Fre)**

[Lens implantation in reduced retinal function] Hammerstein W. **Fortschr Ophthalmol** 1985;82(1):53-4 (Eng. Abstr.) **(Ger)**

MACULAR EDEMA, CYSTOID

Cystoid macular edema diagnosis, prognosis, and management. Brown GC. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):185-9

DIAGNOSIS

[Early examination of the macular structure after uncomplicated surgical treatment of senile cataract] Bernardczykowa A, et al. **Klin Oczna** 1984 May;86(5):193-5 (Eng. Abstr.) **(Pol)**

[Significance of fundus oculi changes in the diagnosis of optochiasmic leptomeningitis] Shershevskaia SF, et al. **Oftalmol Zh** 1985;(2):97-9 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Treatment of pseudophakic cystoid macular edema by elevation of intraocular pressure. Civerchia LL, et al. **Ann Ophthalmol** 1984 Sep;16(9):890-4

Pharmacologic therapy of aphakic and pseudophakic cystoid macular edema. 1985 update. Jampol LM. **Ophthalmology** 1985 Jun;92(6):807-10 (23 ref.)

ETIOLOGY

Delayed onset of aphakic cystoid macula edema. Weene LE. **Ann Ophthalmol** 1984 Aug;16(8):774-5

Near-UV radiation from the operating microscope and pseudophakic cystoid macular edema. Jampol LM, et al. **Arch Ophthalmol** 1985 Jan;103(1):28-30

Factors affecting pseudophakic cystoid mascular edema: five randomized trials. Kraff MC, et al. **J Am Intraocul Implant Soc** 1985 Jul;11(4):380-5

Macular edema following panretinal photocoagulation. McDonald HR, et al. **Retina** 1985 Winter-Spring;5(1):5-10

[Posterior chamber implants and cystoid edema of the macula] Meur G, et al. **Bull Soc Belge Ophtalmol** 1984; 209:53-60 (Eng. Abstr.) **(Fre)**

[Irvine's syndrome; diagnosis, pathogenesis and therapy] Hruby K. **Fortschr Ophthalmol** 1985;82(2):147-8 (Eng. Abstr.) **(Ger)**

OCCURRENCE

The Wisconsin epidemiologic study of diabetic retinopathy. IV. Diabetic macular edema. Klein R, et al. **Ophthalmology** 1984 Dec;91(12):1464-74

PATHOLOGY

A clinical, fluorescein angiographic, and electron microscopic correlation of cystoid macular edema. Gass JD, et al. **Am J Ophthalmol** 1985 Jul 15;100(1):82-6

[Electron microscopic study of human optic disc edema and retinal edema] Kimura T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):335-48 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Aphakic cystoid macular edema. A hypothesis [editorial] Jampol LM. **Arch Ophthalmol** 1985 Aug;103(8):1134-5

[Physiopathology of the Irvine-Gass syndrome and the role of posterior detachment of the vitreous body. Apropos of 2 cases] Haut J, et al. **Bull Soc Ophtalmol Fr** 1984 Mar; 84(3):243-4 **(Fre)**

PREVENTION & CONTROL

Effect of an ultraviolet-filtering intraocular lens on cystoid macular edema. Kraff MC, et al. **Ophthalmology** 1985 Mar; 92(3):366-9

[Congruent corneal cap of metal foil as protection of the eye against light and heat from operation lamps] Payer H. **Klin Monatsbl Augenheilkd** 1985 Jan;186(1):46-7 (Eng. Abstr.) **(Ger)**

SURGERY

Surgical revision of vitreous and iris incarceration in persisting cystoid maculopathy (Hruby-Irvine-Gass-syndrome)--report on 27 eyes. Naumann GO, et al. **Dev Ophthalmol** 1985;11:181-7

The monochromatic green argon laser in the management of macular disorders. Gazocchi M, et al. **Lasers Surg Med** 1985;5(2):95–104

Pars plana vitrectomy for aphakic cystoid macular edema. Patel A, et al. **Retina** 1985 Winter–Spring;5(1):11–5

[Treatment of diabetic cystoid macular edema by argon laser photocoagulation] Gaudric A, et al. **J Fr Ophtalmol** 1984; 7(4):291–304 (Eng. Abstr.) **(Fre)**

MACULAR HOLES see **RETINAL PERFORATIONS**

MADUROMYCOSIS

[Mycotic mycetoma (eumycetoma) caused by Madurella mycetomi] Mittag H, et al. **Hautarzt** 1985 May;36(5):287–90 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

[A case of actinomycetes mycetoma in Burundi] Izarn R, et al. **Bull Soc Pathol Exot Filiales** 1984;77(5):649–52 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

A case of Madura foot. Simpson A, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):326–8

Successful medical treatment of pulmonary petriellidiosis. Seale JP, et al. **South Med J** 1985 Apr;78(4):473–6

ETIOLOGY

Ten–year experience with mycetomas in patients with pulmonary tuberculosis. Butz RO, et al. **Chest** 1985 Mar; 87(3):356–8

Mycetoma caused by Aspergillus nidulans in India. Joshi KR, et al. **J Trop Med Hyg** 1985 Feb;88(1):41–4

Brain abscesses due to Pseudallescheria boydii associated with primary non–Hodgkin's lymphoma of the central nervous system: a case report and literature review. Yoo D, et al. **Rev Infect Dis** 1985 Mar–Apr;7(2):272–77

MICROBIOLOGY

Actinomycetoma caused by Nocardiopsis dassonvillei. Sindhuphak W, et al. **Arch Dermatol** 1985 Oct; 121(10):1332–4

Actinomadura pelletieri mycetoma from the Transvaal. A case report. Culligan GA, et al. **S Afr Med J** 1985 Sep 14;68(6):416–8

OCCURRENCE

Mycetomas in the tropics. Pankajalakshmi VV, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):223–8

Mycetoma in northern Nigeria. Agarwal SC, et al. **Trop Geogr Med** 1985 Jun;37(2):133–5

PATHOLOGY

An unusual manifestation of mycetoma at an uncommon site. Mathur B, et al. **J Indian Med Assoc** 1984 Oct;82(10):363–5

VETERINARY

Maduromycosis (Madurella mycetomatis) in a horse. Van Amstel SR, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):81–3

MAEDI see **PNEUMONIA, PROGRESSIVE INTERSTITIAL, OF SHEEP**

MAEDI VIRUS see **VISNA–MAEDI VIRUSES**

MAFENIDE see under **SULFONAMIDES**

MAGENTAS see **ROSANILINE DYES**

MAGIC

The psychotherapy of a modern warlock: rapprochement in a coven of white witches. Olsson PA. **Am J Psychother** 1985 Apr;39(2):263–76

The resurrection of a magical reality: treatment of functional migraine in a child. O'Connor JJ. **Fam Process** 1984 Dec; 23(4):501–9

The Zar spirits, a category of magic in the system of mental health care in Ethiopia. Kahana Y. **Int J Soc Psychiatry** 1985 Summer;31(2):125–43

Magic and participating consciousness. Willeford W. **J Anal Psychol** 1984 Oct;29(4):337–53

[Half a millenium since the Witchcraft Bull. An attempt to review the medico–historical aspects of belief in witchcraft] Daněk K. **Cas Lek Cesk** 1984 Nov 23;123(47):1444–9 (Eng. Abstr.) **(Cze)**

[Magic in medicine] Meijler FL. **Ned Tijdschr Geneeskd** 1985 Mar 16;129(11):484–5 **(Dut)**

[The pathogenesis of zombies: paranormal phenomenon scientifically explained?] Nijsten MW, et al. **Ned Tijdschr Geneeskd** 1984 Dec 22;128(51):2412–5 **(Dut)**

[Delusions of possession by the fox in Japan (or Kitsune–Tsuki delusion)] Furukawa F, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):677–87 **(Fre)**

[Head hunting and hair witchcraft (Mummies 2)] Kleiss E. **Anat Anz** 1984;156(5):389–401 (Eng. Abstr.) **(Ger)**

[Witch signs in forensic medicine of the 16th to 18th centuries] Birchler–Argyros UB. **Arch Kriminol** 1985 Jan–Feb;175(1–2):1–12 (Eng. Abstr.) **(Ger)**

[Astrology–magic theory and practice in medicine of the early modern age] Müller–Jahncke WD. **Sudhoffs Arch Beih** 1985;(25):1–328 **(Ger)**

MAGNESIUM

Cold ischemic arrest: comparison of calcium–free and calcium–containing solutions. Hendriks FF, et al. **Ann Thorac Surg** 1985 Apr;39(4):312–7

Structural basis for stabilization of Z–DNA by cobalt hexaammine and magnesium cations. Gessner RV, et al. **Biochemistry** 1985 Jan 15;24(2):237–40

Quantitative aspects of metal ion binding to certain transfer RNA anticodon loop modified nucleosides. Schweizer MP, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):352–61

In vitro complexation of aluminum and magnesium by cimetidine and ranitidine. A nuclear magnetic resonance study [letter] Teixeira F, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):879–80

Solution conformations of valinomycin–divalent cation complexes. Sankaram MB, et al. **Int J Pept Protein Res** 1985 Jun;25(6):585–93

A multinuclear NMR relaxation study of the interaction of divalent metal ions with L–aspartic acid. Khazaeli S, et al. **J Inorg Biochem** 1984 Sep;22(1):33–42

31P NMR lineshapes of beta–P (ATP) in the presence of Mg2+ and Ca2+: estimate of exchange rates. Vasavada KV, et al. **J Inorg Biochem** 1984 Aug;21(4):323–35

Effects of magnesium on calcium oxalate crystallization. Li MK, et al. **J Urol** 1985 Jan;133(1):123–5

[Comparative bacteriological and chemical analysis of kidney calculi. Apropos of 135 cases] Bébéar C, et al. **Nephrologie** 1984;5(5):225–7 (Eng. Abstr.) **(Fre)**

[Experimental magnesium ammonium phosphate lithiasis induced by Ureaplasma in the rat] Texier J, et al. **Nephrologie** 1984;5(5):222–4 (Eng. Abstr.) **(Fre)**

[Magnesium tetraborate in environmental monitoring with thermoluminescent dosimetry] Bahbout S, et al. **Radiol Med (Torino)** 1984 Jul–Aug;70(7–8):552–4 **(Ita)**

ADMINISTRATION & DOSAGE

Magnesium intakes, balances, and blood levels of adults consuming self–selected diets. Lakshmanan FL, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1380–9

Evaluation of a flushing solution designed to protect kidneys from in situ ischemia. Andrews PM, et al. **Am J Kidney Dis** 1985 Jul;6(1):53–8

Serum levels of aluminium and magnesium in animals and man after administration of high doses of almagate. Jauregui J, et al. **Arzneimittelforsch** 1984;34(10A):1364–6

Magnesium absorption in mature ewes infused intrarumenally with magnesium chloride. McLean AF, et al. **Br J Nutr** 1984 Nov;52(3):523–7

Controlled therapeutic trial to determine the optimum dose of antacids in duodenal ulcer. Kumar N, et al. **Gut** 1984 Nov;25(11):1199–202

Magnesium and calcium dietary intakes of the U.S. population. Morgan KJ, et al. **J Am Coll Nutr** 1985; 4(2):195–206

Effect of parenteral magnesium on pulmonary function, plasma cAMP, and histamine in bronchial asthma. Brunner EH, et al. **J Asthma** 1985;22(1):3–11

Ranitidine and high–dose antacid in reflux oesophagitis. A randomized, placebo–controlled trial. Grove O, et al. **Scand J Gastroenterol** 1985 May;20(4):457–61

[Beta–mimetics, magnesium and tocolysis (letter)] Durlach J, et al. **Ann Fr Anesth Reanim** 1985;4(4):391–2 **(Fre)**

[Experimental study on the optimal potassium and magnesium concentrations in the cardioplegic solution] Takahashi J, et al. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):534–40 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Magnesium toxicity as a cause of hypotension and hypoventilation. Occurrence in patients with normal renal function. Fassler CA, et al. **Arch Intern Med** 1985 Sep; 145(9):1604–6

Mineral–metabolic side effects of low–dose antacids. Weberg R, et al. **Scand J Gastroenterol** 1985 Aug;20(6):741–6

ANALYSIS

Calcium, zinc, magnesium, concentration in seminal plasma of infertile men with prostatitis. Ponchietti R, et al. **Acta Eur Fertil** 1984 Jul–Aug;15(4):283–5

Effects of a three–hour calcium clamp on calcium, phosphate, magnesium and zinc concentrations of human parotid saliva. Sagulin GB, et al. **Acta Physiol Scand** 1985 May; 124(1):1–4

Postmortem magnesium concentration in bovine vitreous humor: comparison with antemortem serum magnesium concentration. Lincoln SD, et al. **Am J Vet Res** 1985 Jan; 46(1):160–2

Evolution of analytical methods for the determination of calcium and magnesium in wines. A review. Baluja–Santos C, et al. **Analyst** 1984 Jul;109(7):797–808 (206 ref.)

Determination of calcium, magnesium and phosphorus in human stones by inductively coupled plasma atomic–emission spectroscopy. Wandt MA, et al. **Analyst** 1984 Aug;109(8):1071–4

Relationship between magnesium and zinc levels of the diet and its protein utilization. Brzozowska A, et al. **Ann Nutr Metab** 1985;29(4):253–9

Stability of almagate and pharmaceutical formulations prepared from it. Fábregas JL, et al. **Arzneimittelforsch** 1984;34(10A):1354–7

Characterization of a new crystalline synthetic gastric antacid, almagate. Moragues J, et al. **Arzneimittelforsch** 1984;34(10A):1346–9

Free amino acids and calcium, magnesium and zinc levels in Friedreich's ataxia. Huxtable RJ, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):616–9

Stabilization of the calmagite reagent for automated measurement of magnesium in serum and urine [letter] Savory J, et al. **Clin Chem** 1985 Mar;31(3):487–8

Magnesium levels in the body fluids of dam and fetal rabbits during the reproductive phase. Kriesten K, et al. **Comp Biochem Physiol [A]** 1984;79(1):197–200

Ion compartmentalization in frog oocytes as demonstrated by X–ray microanalysis. Burovina IV, et al. **Gen Physiol Biophys** 1985 Jun;4(3):309–19

Elemental analysis of individual rat blood platelets by electron probe X–ray microanalysis using a direct quantification method. Boekestein A, et al. **Histochemistry** 1985;82(3):257–61

Mineral analyses of vegetarian, health, and conventional foods: magnesium, zinc, copper, and manganese content. McNeill DA, et al. **J Am Diet Assoc** 1985 May;85(5):569–72

Hair and serum copper, zinc, calcium, and magnesium concentrations in Alzheimer–type dementia. Shore D, et al. **J Am Geriatr Soc** 1984 Dec;32(12):892–5

A study of serum and cerebrospinal fluid magnesium in convulsive disorders. Afzal S, et al. **J Assoc Physicians India** 1985 Feb;33(2):161–3

Plasma and cerebrospinal fluid concentrations of magnesium in epileptic children. Benga I, et al. **J Neurol Sci** 1985 Jan; 67(1):29–34

Bone magnesium in chronic obstructive pulmonary disease with hypercapnia. Cohen L, et al. **Magnesium** 1985; 4(1):34–9

Magnesium level in drinking water and cardiovascular risk factor: a hypothesis. Durlach J, et al. **Magnesium** 1985; 4(1):5–15

Observations on the article by Arsura et al.: Magnesium and zinc levels in ischemic heart disease, published in Magnesium 2: 105–112, 1983 [letter]. Speich M, et al. **Magnesium** 1985;4(1):51–2

Calcium and magnesium content in fetuses at risk and prenecrotic Duchenne muscular dystrophy. Bertorini TE, et al. **Neurology** 1984 Nov;34(11):1436–40

Magnesium, calcium, and phosphorus content of shells from hatching and nonhatching turkey eggs. Christensen VL, et al. **Poult Sci** 1985 May;64(5):1020–7

Major metals in human cancer: calcium, magnesium, sodium and potassium. Ranade SS, et al. **Sci Total Environ** 1985 Jan;41(1):79–89

Measurements of magnesium in mononuclear cells. Sjögren A, et al. **Sci Total Environ** 1985 Mar 15;42(1–2):77–82

New location of milk–of–calcium. García–Cuerpo E, et al. **Urology** 1985 Apr;25(4):425–7

[Sequential determination by thermometric titration of Al3+, Ca2+ and Mg2+ in various antacid drugs] Boudeville P, et al. **Ann Pharm Fr** 1984;42(2):179–86 (Eng. Abstr.) **(Fre)**

[Structural studies of infection stones: structure of the nuclei] Takeuchi H, et al. **Hinyokika Kiyo** 1984 Nov; 30(11):1579–87 (Eng. Abstr.) **(Jpn)**

[Experimental study on the optimal sodium, potassium and magnesium concentrations in the cardioplegic solution] Takahashi J, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):402–7 (Eng. Abstr.) **(Jpn)**

BLOOD

Potassium and magnesium abnormalities: diuretics and arrhythmias in hypertension. Hollifield JW. **Am J Med** 1984 Nov 5;77(5A):28–32

Gentamicin and hypokalemia [letter] Goodhart GL, et al. **Ann Intern Med** 1985 Oct;103(4):645–6

Hypomagnesemia after cisplatin combination chemotherapy. Buckley JE, et al. **Arch Intern Med** 1984 Dec; 144(12):2347–8

Hypomagnesemia in the patient receiving digitalis [editorial] Flink EB. **Arch Intern Med** 1985 Apr;145(4):625–6

Hypomagnesemia associated with cisplatin combination chemotherapy. Flombaum CD. **Arch Intern Med** 1984 Dec; 144(12):2336–7

Frequency of hypomagnesemia in hospitalized patients receiving digitalis. Whang R, et al. **Arch Intern Med** 1985 Apr;145(4):655–6

Abnormal calcium and magnesium stores in erythrocytes and granulocytes from patients with inflammatory connective tissue diseases. Relationship to inflammatory activity and effect of corticosteroid therapy. Hällgren R, et al. **Arthritis Rheum** 1985 Feb;28(2):169–73

Serum levels of aluminium and magnesium in animals and man after administration of high doses of almagate. Jauregui J, et al. **Arzneimittelforsch** 1984;34(10A):1364–6

1,25 dihydroxyvitamin D3 increases plasma magnesium and calcium in sheep fed liquid diets low in calcium and magnesium. Schneider KM, et al. **Aust Vet J** 1985 Mar; 62(3):82–5

Chronically elevating plasma Mg2+ improves hippocampal frequency potentiation and reversal learning in aged and young rats. Landfield PW, et al. **Brain Res** 1984 Nov 19; 322(1):167-71

Serum magnesium levels in diabetes mellitus. Canagaratna MC. **Ceylon Med J** 1984 Jun;29(2):109-11

Magnesium content of mononuclear blood cells. Elin RJ, et al. **Clin Chem** 1985 Mar;31(3):377-80

Mg2+ determined with a commercial kit and the Technicon RA 1000 analyzer [letter] Forbes A, et al. **Clin Chem** 1985 Sep;31(9):1570

Relationships between magnesium and protein concentrations in serum. Kroll MH, et al. **Clin Chem** 1985 Feb;31(2):244-6

Automated calmagite compleximetric measurement of magnesium in serum, with sequential addition of EDTA to eliminate endogenous interference. Liedtke RJ, et al. **Clin Chem** 1984 Nov;30(11):1801-4

Effect of sample pH on results of plasma magnesium analysis [letter] Nisbet JA, et al. **Clin Chem** 1984 Oct;30(10):1716-7

Direct spectrophotometry of magnesium in serum after reaction with hexokinase and glucose-6-phosphate dehydrogenase. Tabata M, et al. **Clin Chem** 1985 May; 31(5):703-5

Concentrations of Mg and Ca in serum are correlated in normal individuals [letter] Turkington VE, et al. **Clin Chem** 1985 Mar;31(3):501-2

Hypomagnesaemia: studies of parathyroid hormone secretion and function. Allgrove J, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):435-49

Comparison of serum total calcium, dialyzable calcium, and dialyzable magnesium in well and sick neonates. Chan GM, et al. **Clin Physiol Biochem** 1984;2(4):154-8

A microassay for serum dialyzable calcium and magnesium by ion chromatography. Nordmeyer FR, et al. **Clin Physiol Biochem** 1984;2(4):159-65

Distribution of plasma magnesium in various vertebrates. Woodin TS, et al. **Comp Biochem Physiol [A]** 1985; 81(3):507-9

Hypomagnesemia and citrate toxicity [letter] McIntyre B. **Crit Care Med** 1984 Nov;12(11):1009-10

Hypomagnesemia in patients entering the ICU. Reinhart RA, et al. **Crit Care Med** 1985 Jun;13(6):506-7

Ventricular arrhythmias in patients with myocardial infarction and ischaemia. Relationship to serum potassium and magnesium. Solomon RJ. **Drugs** 1984 Oct;28 Suppl 1:66-76

Serum magnesium in insulin-dependent diabetics and healthy subjects in relation to insulin secretion and glycemia during glucose-glucagon test. Menzel R, et al. **Exp Clin Endocrinol** 1985 Feb;85(1):81-8

Effect of aldosterone on the serum zinc, copper, and magnesium concentrations in the rat. Latman NS, et al. **Horm Res** 1984;20(3):192-6

Relationship between postvaccinal anti-influenza antibodies, blood magnesium levels, and HLA antigens. Henrotte JG, et al. **Hum Immunol** 1985 Jan;12(1):1-8

Serum copper, zinc, magnesium and calcium in neonates. Gupta AP, et al. **Indian Pediatr** 1984 Jun;21(6):569-73

Observations on serum and red blood cell magnesium changes in treadmill exercise-induced cardiac ischemia. Chadda KD, et al. **J Am Coll Nutr** 1985;4(2):157-63

Physiologic changes during a marathon, with special reference to magnesium. Franz KB, et al. **J Am Coll Nutr** 1985;4(2):187-94

Blood and urinary magnesium, zinc, calcium, free fatty acids, and catecholamines in type A and type B subjects. Henrotte JG, et al. **J Am Coll Nutr** 1985;4(2):165-72

Assessment of magnesium and aluminum in erythrocytes by the laser microprobe mass analyzer (LAMMA). Zumkley H, et al. **J Am Coll Nutr** 1984;3(4):303-9

Hypomagnesaemia: an underdiagnosed interaction between gentamicin and cytotoxic chemotherapy for acute non-lymphoblastic leukaemia. Davey P, et al. **J Antimicrob Chemother** 1985 May;15(5):623-8

Serum magnesium in pulmonary tuberculosis. Narang RK, et al. **J Assoc Physicians India** 1984 Aug;32(8):725-7

Influence of continuous infusion of citrate on responses of immunoreactive parathyroid hormone, calcium and magnesium components, and other electrolytes in normal adults during plateletapheresis. Toffaletti J, et al. **J Clin Endocrinol Metab** 1985 May;60(5):874-9

Quantitative electron probe x-ray microanalysis and densitometric mass determination of individual rat blood platelets. Linders PW, et al. **J Histochem Cytochem** 1985 Mar;33(3):185-90

Effects of intravenous glucose or epinephrine injection on plasma concentrations of potassium, magnesium and insulin in sheep. Yano H, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Dec;30(6):535-40

Hypomagnesemia causes coronary artery spasm [letter] Hanline M Jr. **JAMA** 1985 Jan 18;253(3):342

Hypomagnesaemia and cyclosporin toxicity [letter] **Lancet** 1985 Jan 12;1(8420):103-5

Association between cyclosporin neurotoxicity and hypomagnesaemia. Thompson CB, et al. **Lancet** 1984 Nov 17;2(8412):1116-20

Serum magnesium in propranolol-treated patients with acute myocardial infarction. Cohen L, et al. **Magnesium** 1984; 3(3):138-44

Comparison of diluents for serum magnesium estimation by atomic absorption spectrophotometry. Stendig-Lindberg G, et al. **Magnesium** 1984;3(1):50-6

Hypomagnesemia associated with other electrolyte imbalances. **Nutr Rev** 1985 Jul;43(7):198-200

Intracellular free magnesium in erythrocytes of essential hypertension: relation to blood pressure and serum divalent cations. Resnick LM, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6511-5

Transport of calcium, magnesium and strontium by human serum proteins. Alda JO, et al. **Rev Esp Fisiol** 1985 Jun; 41(2):145-9

Profound hypomagnesemia and renal magnesium wasting associated with the use of cyclosporine for marrow transplantation. June CH, et al. **Transplantation** 1985 Jun; 39(6):620-4

Changes in blood composition of pregnant cows during the onset of hypomagnesaemia. Cseh SB, et al. **Vet Rec** 1984 Dec 1;115(22):567-70

[Concentration of magnesium and calcium electrolytes in the last trimester of normal pregnancy and in fetal hypotrophy] Ruseva R, et al. **Akush Ginekol (Sofiia)** 1985;24(1):11-5 (Eng. Abstr.) **(Bul)**

[Magnesium and congestive heart failure--a clinical study of magnesium levels in patients with congestive heart failure] Ye WQ. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Sep; 12(3):188-91, 238 (Eng. Abstr.) **(Chi)**

[Chronic cor pulmonale and hypomagnesemia] Wu NC. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):261-3 (Eng. Abstr.) **(Chi)**

[Determination of zinc, copper, magnesium and iron in renal diseases and their clinical significance] Zhu JM. **Chung Hua Nei Ko Tsa Chih** 1984 Dec;23(12):749-51, 791 (Eng. Abstr.) **(Chi)**

[Changes in magnesium levels in erythrocytes, serum and urine in healthy persons after physical exertion] Vizinová H, et al. **Cas Lek Cesk** 1985 May 3;124(18):566-9 (Eng. Abstr.) **(Cze)**

[Magnesium, calcium and zinc levels in plasma and erythrocytes of spontaneously hypertensive rats] Henrotte JG, et al. **C R Acad Sci [III]** 1985;300(11):431-6 (Eng. Abstr.) **(Fre)**

[Magnesium, calcium and phosphate changes in the serum of newborn infants after exchange transfusion] Ratzmann GW, et al. **Kinderarztl Prax** 1985 Mar;53(3):119-26 (Eng. Abstr.) **(Ger)**

[Correlation between the C3 fraction of complement and magnesium levels in the erythrocytes and blood serum of patients with juvenile-onset diabetes mellitus] Tuszkiewicz-Misztal E, et al. **Pediatr Pol** 1984 Dec; 59(12):979-84 **(Pol)**

[Rate of membrane sodium transport and calcium and magnesium concentrations in the granulocytes of patients with primary arterial hypertension] Halawa B. **Pol Tyg Lek** 1985 Jan 28;40(4):101-4 (Eng. Abstr.) **(Pol)**

[Interrelations between divalent cations, pancreatic islet cell function and calcium-regulating hormones in altered glucose concentration of the blood] Zoloev GK, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):450-3 **(Rus)**

[Data on the interrelations between a change in magnesium-phosphorus-calcium metabolism, accommodation function and the progression of myopia in children] Kolosov VI, et al. **Oftalmol Zh** 1984;(7):422-4 (Eng. Abstr.) **(Rus)**

[Chronic idiopathic hypoparathyroidism: report of 3 cases] Alvarez Aparicio E, et al. **An Esp Pediatr** 1985 Apr 15; 22(5):402-6 (Eng. Abstr.) **(Spa)**

[Behavior of magnesium in pregnant women. I. Comparative study between normal pregnant women and those with pathology] Almuna R, et al. **Rev Chil Obstet Ginecol** 1983; 48(2):65-75 (Eng. Abstr.) **(Spa)**

CEREBROSPINAL FLUID

Cerebrospinal fluid magnesium and calcium related to amine metabolites, diagnosis, and suicide attempts. Banki CM, et al. **Biol Psychiatry** 1985 Feb;20(2):163-71

Magnesium concentrations in the ventricular and lumbar cerebrospinal fluid of hypomagnesaemic cows. Allsop TF, et al. **Res Vet Sci** 1985 Jan;38(1):61-4

[Reference values of sodium, potassium, chloride, calcium, inorganic phosphate and magnesium levels in the cerebrospinal fluid of children] Liappis N, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):370-4 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

trans-1,2-Diaminocyclohexane-N,N,N',N'-tetraacetic acid is superior to ethylenediamine-N,N,N',N'-tetraacetic acid for sequestering Mg2+ in 31P NMR experiments involving ATP spectra at neutral and acidic pH. Bass MB, et al. **Anal Biochem** 1985 Mar;145(2):292-301

METABOLISM

Magnesium and congestive heart failure. Ye WQ, et al. **Acta Acad Med Wuhan** 1985;5(1):38-43

Calcium effects on renal conservation of magnesium in cows. Halse K. **Acta Vet Scand** 1984;25(2):213-28

Magnesium transport in murine S49 lymphoma cells: pharmacology and divalent cation selectivity. Grubbs RD, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C51-7

Effect of magnesium loading on magnesium delivery to the juxtamedullary end-descending limb. Roy DR. **Am J Physiol** 1985 Jan;248(1 Pt 2):F145-51

Water and ion shifts in skeletal muscle of humans with intense dynamic knee extension. Sjøgaard G, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R190-6

Effects of deficient and adequate dietary magnesium concentrations on body magnesium concentrations in wethers. Fisher DD, et al. **Am J Vet Res** 1985 Aug; 46(8):1777-80

Magnesium depletion as a cause of refractory potassium repletion. Whang R, et al. **Arch Intern Med** 1985 Sep; 145(9):1686-9

Mg2+ efflux is accomplished by an amiloride-sensitive Na+/Mg2+ antiport. Günther T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):540-5

Evidence that the ATP binding site of sarcoplasmic reticulum CaATPase has a Mg(2+) ion binding sub-site. Highsmith S. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):183-9

Quin 2: the dissociation constants of its Ca2+ and Mg2+ complexes and its use in a fluorimetric method for determining the dissociation of Ca2+-protein complexes. Bryant DT. **Biochem J** 1985 Mar 1;226(2):613-6

Interaction of magnesium and inorganic phosphate with calcium-deprived sarcoplasmic reticulum adenosinetriphosphatase as reflected by organic solvent induced perturbation. Champeil P, et al. **Biochemistry** 1985 Jan 1;24(1):69-81

Stability constants of Mg2+ and Cd2+ complexes of adenine nucleotides and thionucleotides and rate constants for formation and dissociation of MgATP and MgADP. Pecoraro VL, et al. **Biochemistry** 1984 Oct 23; 23(22):5262-71

The role of Mg2+ and Ca2+ in the simultaneous binding of vanadate and ATP at the phosphorylation site of sarcoplasmic reticulum Ca2+-ATPase. Andersen JP, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):9-15

The rate of MgADP binding to and dissociation from acto-S1. Borejdo J, et al. **Biochim Biophys Acta** 1985 Apr 5;828(2):172-6

Mg2+-ATP-dependent sodium transport in inside-out basolateral plasma membrane vesicles from guinea-pig small intestinal epithelial cells. Del Castillo JR, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):402-12

Ca2+-stimulated, Mg2+-independent ATP hydrolysis and the high affinity Ca2+-pumping ATPase. Two different activities in rat kidney basolateral membranes. Ghijsen W, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):481-8

The role of Mg2+-dependent phosphatidate phosphohydrolase in pulmonary glycerolipid biosynthesis. Walton PA, et al. **Biochim Biophys Acta** 1984 Dec 6; 796(3):364-72

Fluid and electrolyte disorders. Magnesium. Brenton DP, et al. **Br J Hosp Med** 1984 Aug;32(2):60, 64-6, 68-9

Magnesium absorption in mature ewes infused intrarumenally with magnesium chloride. McLean AF, et al. **Br J Nutr** 1984 Nov;52(3):523-7

Skeletal adenylate cyclase: effect of Mg2+, Ca2+, and PTH. Rude RK. **Calcif Tissue Int** 1985 May;37(3):318-23

Familial hypocalciuric hypercalcaemia I: Renal handling of calcium, magnesium and phosphate. Kristiansen JH, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):103-16

Alloxan effects on mitochondria: study of oxygen consumption, fluxes of Mg2+, Ca2+, K+ and adenine nucleotides, membrane potential and volume change in vitro. Boquist L. **Diabetologia** 1984 Sep;27(3):379-86

Alterations in calcium, magnesium, iron, and zinc metabolism by dietary cholestyramine. Watkins DW, et al. **Dig Dis Sci** 1985 May;30(5):477-82

Effects of diuretics on the renal handling of magnesium. Ryan MP, et al. **Drugs** 1984 Oct;28 Suppl 1:167-81 (58 ref.)

Conformational changes in actin resulting from Ca2+/Mg2+ exchange as detected by proton NMR spectroscopy. Barden JA, et al. **Eur J Biochem** 1985 Jan 2;146(1):5-8

Properties of the MgATP and MgADP binding sites on the Fe protein of nitrogenase from Azotobacter vinelandii. Cordewener J, et al. **Eur J Biochem** 1985 May 2; 148(3):499-508

Investigation of the preferred Mg(II)-adenine-nucleotide complex at the active site of ectonucleotidases in intact vascular cells using phosphorothioate analogues of ADP and ATP. Pearson JD, et al. **Eur J Biochem** 1985 Sep 2; 151(2):373-5

cis-Diamminedichloroplatinum-induced hypomagnesemia and renal magnesium wasting. Bell DR, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):287-90

Comparison of the effects of one-side- and two-side Mg2+ on the reconstitution of mitochondrial H+-ATPase. Yang FY, et al. **FEBS Lett** 1985 Mar 11;182(1):31-3

Nutrition in cardiovascular disease. **J Am Coll Nutr** 1985; 4(2):139-260

Abstracts presented at the American College of Nutrition 26th annual meeting and the Fourth International Symposium on Magnesium. Blacksburg, Virginia, July 21-28, 1985. **J Am Coll Nutr** 1985;4(3):303-405

Influence of aluminum as sulfate, chloride and citrate on magnesium and calcium metabolism in sheep. Allen VG, et al. **J Anim Sci** 1984 Sep;59(3):798-804

Effects of monensin on Mg, Ca, P and Zn metabolism and tissue concentrations in lambs. Kirk DJ, et al. **J Anim Sci** 1985 Jun;60(6):1485-90

Effects of dietary potassium and sodium on magnesium utilization in sheep. Poe JH, et al. **J Anim Sci** 1985 Feb; 60(2):578-82

Manipulation of intracellular magnesium content in polymyxin B nonapeptide-sensitized Escherichia coli by ionophore A23187. Alatossava T, et al. **J Bacteriol** 1985 Apr;162(1):413-9

Differential compartmentation of magnesium and calcium in murine S49 lymphoma cells. Grubbs RD, et al. **J Biol Chem** 1984 Oct 10;259(19):12184-92

Metal-nucleotide structural characteristics during catalysis by beef heart mitochondrial F1. Gruys KJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6533-40

Cooperativity in low-affinity Mg2+ binding to tRNA. Labuda D, et al. **J Biol Chem** 1985 Jan 25;260(2):1103-7

Kinetic studies of calcium and magnesium binding to troponin C. Rosenfeld SS, et al. **J Biol Chem** 1985 Jan 10; 260(1):242-51

Electron probe X-ray microanalysis of post-tetanic Ca2+ and Mg2+ movements across the sarcoplasmic reticulum in situ. Somlyo AV, et al. **J Biol Chem** 1985 Jun 10; 260(11):6801-7

Enhancement by Ca2+ or Mg2+ of catalytic activity of the superoxide-producing NADPH oxidase in membrane fractions of human neutrophils and monocytes. Suzuki H, et al. **J Biol Chem** 1985 Mar 25;260(6):3635-9

Hypomagnesemia with chondrocalcinosis. Resnick D, et al. **J Can Assoc Radiol** 1984 Jun;35(2):214-6

Relationship between magnesium intake and fecal magnesium excretion of ruminants. Shockey WL, et al. **J Dairy Sci** 1984 Nov;67(11):2594-8

Soft tissue calcium and magnesium content in acute pancreatitis in the dog: calcium accumulation, a mechanism for hypocalcemia in acute pancreatitis. Bhattacharya SK, et al. **J Lab Clin Med** 1985 Apr;105(4):422-7

Magnesium transport across cell membranes. Flatman PW. **J Membr Biol** 1984;80(1):1-14 (116 ref.)

Magnesium metabolism studies in children with chronic inflammatory disease of the bowel. LaSala MA, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):75-81

Absorption and bioavailability of calcium and magnesium salts of indomethacin from rectal suppositories. Ogiso T, et al. **J Pharmacobiodyn** 1984 Jun;7(6):392-9

Intracellular free magnesium in neurones of Helix aspersa measured with ion-selective micro-electrodes. Alvarez-Leefmans FJ, et al. **J Physiol (Lond)** 1984 Sep; 354:303-17

Calmodulin: calcium, potassium, and magnesium ion multiple equilibria and kinetics for interconversion, including the effect of repeated stimulation. Delville A, et al. **J Theor Biol** 1985 Jan 7;112(1):157-75

Effects of vitamin D on renal handling of calcium, magnesium and phosphate in the hamster. Burnatowska MA, et al. **Kidney Int** 1985 Jun;27(6):864-70

Interactions of Mg and K on blood vessels--aspects in view of hypertension. Review of present status and new findings. Altura BM, et al. **Magnesium** 1984;3(4-6):175-94 (164 ref.)

Interactions of Mg and K on cerebral vessels--aspects in view of stroke. Review of present status and new findings. Altura BT, et al. **Magnesium** 1984;3(4-6):195-211 (84 ref.)

Potassium, magnesium and membranes. Review of present status and new findings. Bara M, et al. **Magnesium** 1984; 3(4-6):215-25 (94 ref.)

Prolonged Q-Tc interval and decreased lymphocyte magnesium in congestive heart failure. Cohen L, et al. **Magnesium** 1984;3(3):164-8

Magnesium and potassium in diabetes and carbohydrate metabolism. Review of the present status and recent results. Durlach J, et al. **Magnesium** 1984;3(4-6):315-23

Mode of action of conventional and potassium-sparing diuretics--aspects with relevance to Mg-sparing effects. Review of the present state of the art and recent findings. Heidenreich O. **Magnesium** 1984;3(4-6):248-56

Effects of desoxycorticosterone acetate on magnesium metabolism in potassium-depleted rats. Old CW, et al. **Magnesium** 1984;3(2):95-106

Role of magnesium and potassium in the pathogenesis of arteriosclerosis. Rayssiguier Y. **Magnesium** 1984; 3(4-6):226-38 (82 ref.)

Magnesium- and potassium-sparing effects of amiloride. Review and recent findings. Ryan MP. **Magnesium** 1984; 3(4-6):274-88

Interactions of magnesium and potassium in the pathogenesis of cardiovascular disease. Sheehan JP, et al. **Magnesium** 1984;3(4-6):301-14

Magnesium, potassium and hormonal regulation. Zumkley H, et al. **Magnesium** 1984;3(4-6):239-47

Magnesium balance and distribution during total parenteral nutrition: effect of calcium additives. Al-Jurf AS, et al. **Metabolism** 1985 Jul;34(7):658-64

Concentrations of total and ionic calcium, inorganic phosphorus, magnesium, and protein in maternal and fetal blood and in amniotic fluid in parathyroidectomized pregnant rats. Harada I, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):403-11

Effects of age, milking and season on magnesium, calcium and inorganic phosphorus metabolisms in cows. Shiga A, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):275-83

Stimulation by glucagon and PTH of Ca and Mg reabsorption in the superficial distal tubule of the rat kidney. Bailly C, et al. **Pflugers Arch** 1985 Jan;403(1):28-34

Stimulation of tubular reabsorption of magnesium and calcium by antidiuretic hormone in conscious rats. Study in Brattleboro rats with hereditary hypothalamic diabetes insipidus. Bouby N, et al. **Pflugers Arch** 1984 Dec; 402(4):458-64

Effect of prednisolone on the rat bone calcium, phosphorus and magnesium concentration. Simecková A, et al. **Physiol Bohemoslov** 1985;34(2):155-60

Magnesium renal wasting in calcium stone formers with idiopathic hypercalciuria contrasting with lower magnesium:calcium urinary ratio. Bataille P, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:747-50

[An experimental and clinical study on the effect of magnesium during cardiopulmonary bypass] Yue Y, et al. **Chung Hua Hsin Hsueh Kuan Ping Tsa Chih** 1984 Jun; 12(2):95-8 (Eng. Abstr.) **(Chi)**

[Metabolic imbalances of calcium, phosphorus, nitrogen and magnesium in diabetic patients] Liao EY. **Chung Hua Nei Ko Tsa Chih** 1984 May;23(5):287-90 (Eng. Abstr.) **(Chi)**

[Disorder of magnesium metabolism in hyper- and hypothyroid patients] Wang SP, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Feb;24(2):98-101, 126 (Eng. Abstr.) **(Chi)**

[Effect of potassium deficiency on the magnesium metabolism of rats] Zheng GJ, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):267-9 (Eng. Abstr.) **(Chi)**

[Effect of potassium deficiency on magnesium metabolism of rats] Zheng GJ, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):267-9 (Eng. Abstr.) **(Chi)**

[Influence of lithium on magnesium levels in the plasma, erythrocytes and brain of rats] Scotto di Tella AM, et al. **Encephale** 1984;10(6):273-7 (Eng. Abstr.) **(Fre)**

[Biochemical evaluation of magnesium metabolism in infants and children. II. Magnesium level in 24-hour urine and hair] Skorkowska-Zieleniewska J, et al. **Rocz Panstw Zakl Hig** 1984;35(2):139-43 (Eng. Abstr.) **(Pol)**

[Activation of the caffeine center of the sarcoplasmic reticulum at a reduced concentration of magnesium ions] Ritov VB, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):53-5 (Eng. Abstr.) **(Rus)**

[Levels and intracellular distribution of calcium and magnesium in the myometrium] Kosterin SA, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):53-7 (Eng. Abstr.) **(Rus)**

[Effect of divalent metal ions--stimulants of uterine contractile activity--on the Mg2+, ATP-dependent transport of Ca2+ in the myometrial sarcolemma fraction] Kosterin SA, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):97-101 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effect of Ca++ and Mg++ on the action of Clostridium perfringens enterotoxin on Vero cells. Granum PE. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):41-8

Influence of magnesium ion on human ventricular defibrillation after aortocoronary bypass surgery. Hecker BR, et al. **Am J Cardiol** 1985 Jan 1;55(1):61-4

Effect of divalent cations on gastrointestinal hormone release and exocrine pancreatic secretion in dogs. Inoue K, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G28-34

Role of electrolytes and digitalis-like activity in hypertension: effects of digitoxin, sodium, potassium and magnesium on blood pressure. Karppanen H. **Ann Clin Res** 1984;16 Suppl 43:62-6

The phosphate-pyrophosphate exchange and hydrolytic reactions of the membrane-bound pyrophosphatase of Rhodospirillum rubrum: effects of Mg2+, phosphate, and pyrophosphate. Celis H, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):766-74

Kinetic studies of asparagine synthetase from rat liver: role of Mg2+ in enzyme catalysis. Hongo S, et al. **Arch Biochem Biophys** 1985 May 1;238(2):410-7

Deficiency of external Ca and Mg increases membrane permeability in the vascular smooth muscle of rabbit aorta. Ahn HY, et al. **Arch Int Pharmacodyn Ther** 1984 Dec; 272(2):236-44

Comparison of the antacid properties of almagate and aluminium hydroxide against pentagastrin-induced gastric secretion in healthy volunteers. Balanzó J, et al. **Arzneimittelforsch** 1984;34(10A):1375-7

Pharmacological studies with almagate, a potent new antacid compound. Beckett PR, et al. **Arzneimittelforsch** 1984; 34(10A):1367-70

Evaluation of a new antacid, almagate. Beneyto JE, et al. **Arzneimittelforsch** 1984;34(10A):1350-4

Effect of proteolytic enzymes and polypeptides on the antacid activity of almagate and other antacids. Beneyto JE, et al. **Arzneimittelforsch** 1984;34(10A):1357-60

Radiotelemetric comparison of two antacids using the Heidelberg capsule. Gómez Puch LM, et al. **Arzneimittelforsch** 1984;34(10A):1378-80

Efficacy in vivo of almagate in neutralising histamine-induced acid secretion in a rat re-perfused stomach preparation. Llupiá J, et al. **Arzneimittelforsch** 1984;34(10A):1370-2

In vitro comparison of the antacid potencies of almagate in tablets and suspension with those of other commercially available antacid preparations. Prieto R, et al. **Arzneimittelforsch** 1984;34(10A):1360-4

Effects of magnesium and catecholamines on spontaneous contraction of pregnant human isthmic myometrium. Kawarabayashi T, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):375-84

A subnanosecond-pulse fluorometric study of the CA2+ and MG2+ induced conformational changes on S-100a protein. Baudier J, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):959-65

Effects of lysophospholipids on Ca2+ transport in rat liver mitochondria incubated at physiological Ca2+ concentrations in the presence of Mg2+, phosphate and ATP at 37 degrees C. Dalton S, et al. **Biochem J** 1984 Dec 1;224(2):423-30

Magnesium ion exerts a central role in the regulation of inhibitory adenosine receptors. Yeung SM, et al. **Biochem J** 1985 Jul 1;229(1):91-100

Release of exchangeably bound guanine nucleotides from tubulin in a magnesium-free buffer. Croom HB, et al. **Biochemistry** 1985 Jan 29;24(3):768-75

Effects of Ca2+ and Mg2+ on the actomyosin adenosine-5'-triphosphatase of stably phosphorylated gizzard myosin. Heaslip RJ, et al. **Biochemistry** 1985 May 21;24(11):2731-6

Effects of magnesium chloride on smooth muscle actomyosin adenosine-5'-triphosphatase activity, myosin conformation, and tension development in glycerinated smooth muscle fibers. Ikebe M, et al. **Biochemistry** 1984 Oct 9; 23(21):5062-8

Effects of cations and cosolvents on eukaryotic ribosomal subunit conformation. Moore MN, et al. **Biochemistry** 1985 Jan 1;24(1):191-6

Effect of Mg2+ on solution conformation of two different transfer ribonucleic acids. Thomas JC, et al. **Biochemistry** 1984 Nov 6;23(23):5414-20

The hepatic response to Ca2+ is inhibited by Mg2+ and enhanced by phenylephrine or ouabain. Becker J, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):352-8

Differential interaction of cations with the thiamine and biotin transport proteins of Lactobacillus casei. Henderson GB, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):201-6

A novel magnesium-dependent structural transition of chicken erythrocyte chromatin in situ. Khachatrian HT, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):243-6

Condensation of the chromatin gel by cations. Staroń K. **Biochim Biophys Acta** 1985 Jul 24;825(3):289-98

Effects of Mg2+ on calcium accumulation by two fractions of sarcoplasmic reticulum from rabbit skeletal muscle. Watras J. **Biochim Biophys Acta** 1985 Jan 25;812(2):333-44

Influence of calcium and magnesium deprivation on ovulation and ovum maturation in the perfused rabbit ovary. Kobayashi Y, et al. **Biol Reprod** 1984 Sep;31(2):287-95

Laser flow measurements of scattering and fluorescence from cell nuclei in the presence of increasing Mg++ concentrations. Grattarola M, et al. **Biophys J** 1985 Apr; 47(4):461-8

Adherence of human polymorphonuclear leukocytes to endothelial monolayers: effects of temperature, divalent cations, and chemotactic factors on the strength of adherence measured with a new centrifugation assay. Charo IF, et al. **Blood** 1985 Feb;65(2):473-9

The assessment of gastric acidity and antacid effect in pregnant women by a non-invasive radiotelemetry technique. O'Sullivan GM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):973-8

Mg2+ dependence of membrane resistance increases evoked by NMDA in hippocampal neurones. Crunelli V, et al. **Brain Res** 1984 Oct 8;311(2):392-6

Effects of guanyl nucleotides and ions on kappa opioid binding. Mack KJ, et al. **Brain Res Bull** 1985 Apr; 14(4):301-6

The effect of the divalent cations Mg2+ and Mn2+ on adenylate cyclase activity in white and brown adipose tissue of lean and obese (ob/ob) mice. Bégin-Heick N. **Can J Biochem Cell Biol** 1985 Jan;63(1):7-15

Effects of altered Ca2+ and Mg2+ concentrations on proliferation and functional differentiation of the clonal insulin-producing cells RINm5F. Hoftiezer V, et al. **Cancer Lett** 1985 May;27(1):7-14

Effects of calcium and magnesium salts on nickel subsulfide carcinogenicity in Fischer rats. Kasprzak KS, et al. **Carcinogenesis** 1985 Aug;6(8):1161-66

Divalent cation effects on acetylcholine-activated channels at the frog neuromuscular junction. Lewis CA. **Cell Mol Neurobiol** 1984 Sep;4(3):273-84

Effect of magnesium on passive fluxes of lithium in the human erythrocyte. Wiley JS, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):311-4

Role of Mg2+ ions in several steps of the sarcoplasmic reticulum-ATPase cycle. Guillain F, et al. **Curr Top Cell Regul** 1984;24:397-407

Magaldrate and almasilate--complex buffering antacids. **Drug Ther Bull** 1985 May 20;23(10):39-40 (10 ref.)

The effects of magnesium on calcium inhibition of parathyroid adenylate cyclase. Oldham SB, et al. **Endocrinology** 1984 Nov;115(5):1883-90

Activation of brain calcineurin towards proteins containing Thr(P) and Ser(P) by Ca2+, calmodulin, Mg2+ and transition metal ions. Li HC, et al. **Eur J Biochem** 1984 Nov 2;144(3):447-52

The effects of sodium and magnesium-ion interactions on chromatin structure and solubility. Dixon DK, et al. **Eur J Cell Biol** 1985 Mar;36(2):315-22

Magnesium ions reveal nanomolar potency of dopamine at

[3H]spiperone labelled D-2 receptors in rat corpus striatum. De Vries DJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):417-9

Effects of extracellular calcium and magnesium on junctional intercellular communication in human fibroblasts. Davidson JS, et al. **Exp Cell Res** 1984 Dec;155(2):406-12

Magnesium enhances human pancreatic elastase digestion of 125I-labeled elastin. Rabaud M, et al. **Experientia** 1985 May 15;41(5):628-31

Guanine nucleotides and magnesium dependence of the association states of the subunits of transducin. Deterre P, et al. **FEBS Lett** 1984 Dec 10;178(2):228-32

Tissue-specific modulation of the mitochondrial calcium uniporter by magnesium ions. Favaron M, et al. **FEBS Lett** 1985 Apr 22;183(2):260-4

Conformational changes induced by Mg2+ on actin monomers. An immunologic attempt to localize the affected region. Roustan C, et al. **FEBS Lett** 1985 Feb 11; 181(1):119-23

Interrelationship of dietary Mg intake and electrolyte homeostasis in hamsters: I. Severe Mg deficiency, electrolyte homeostasis, and myocardial necrosis. Chang C, et al. **J Am Coll Nutr** 1985;4(2):173-85

Effect of free Mg2+ on liver phosphorylase kinase activity. Hashimoto E, et al. **J Biochem (Tokyo)** 1984 Aug; 96(2):299-303

Effects of KCl, MgCl2, and CaCl2 concentrations on the monomer-polymer equilibrium of actin in the presence and absence of cytochalasin D. Maruyama K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):605-11

An intracellular (ATP + Mg2+)-dependent calcium pump within the N1E-115 neuronal cell line. Gill DL, et al. **J Biol Chem** 1985 Aug 5;260(16):9289-97

Ca2+ and Mg2+-enhanced reduction of arsenazo III to its anion free radical metabolite and generation of superoxide anion by an outer mitochondrial membrane azoreductase. Moreno SN, et al. **J Biol Chem** 1984 Dec 10; 259(23):14609-16

Regulation of glucagon receptor binding. Lack of effect of Mg and preferential role for GDP. Rojas FJ, et al. **J Biol Chem** 1985 Jul 5;260(13):7829-35

Interconversion of androgen receptor forms by divalent cations and 8 S androgen receptor-promoting factor. Effects of Zn2+, Cd2+, Ca2+, and Mg2+. Wilson EM. **J Biol Chem** 1985 Jul 25;260(15):8683-9

A clinical comparison of potassium and magnesium-potassium crystalloid cardioplegia: metabolic considerations. Engelman RM, et al. **J Cardiovasc Surg (Torino)** 1985 Jul-Aug;26(4):343-50

The requirements for ionized calcium and magnesium in lymphocyte proliferation. Abboud CN, et al. **J Cell Physiol** 1985 Jan;122(1):64-72

Plasma aldosterone, cortisol and electrolyte concentrations in physical exercise after magnesium supplementation. Golf SW, et al. **J Clin Chem Clin Biochem** 1984 Nov; 22(11):717-21

Effect of magnesium injection on foetal development. Günther T, et al. **J Clin Chem Clin Biochem** 1984 Jul; 22(7):473-8

Response of milking cows fed a high concentrate, low roughage diet plus sodium bicarbonate, magnesium oxide, or magnesium hydroxide. Thomas JW, et al. **J Dairy Sci** 1984 Nov;67(11):2532-45

Stabilization by host cell components and Mg2+ of the neutralization epitopes of poliovirus. Rombaut B, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):303-7

Control of production of toxic-shock-syndrome toxin-1 (TSST-1) by magnesium ion. Mills JT, et al. **J Infect Dis** 1985 Jun;151(6):1158-61

Effect of magnesium on production of toxic-shock-syndrome toxin-1 by Staphylococcus aureus. Schlievert PM. **J Infect Dis** 1985 Sep;152(3):618-20

Effects of divalent cations on the interaction of platelets with tumor cells: aggregation and perfusion studies with two homologous human systems. Bastida E, et al. **J Lab Clin Med** 1985 Jul;106(1):68-74

Calcium, ATP, and magnesium activate soluble tyrosine hydroxylase from rat striatum. Iuvone PM. **J Neurochem** 1984 Nov;43(5):1359-68

Effects of dietary calcium, phosphorus and magnesium on intranephronic calculosis in rats. Woodward JC, et al. **J Nutr** 1984 Dec;114(12):2331-8

Ca2+-transport and Mg2+- and Ca2+-ATPase activity in the exocrine pancreas. Katz S, et al. **J Pediatr Gastroenterol Nutr** 1984;3 Suppl 1:S11-8

Particle-induced coronary vasoconstriction during cardioplegic infusion. Characterization and possible mechanisms. Hearse DJ, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):428-38

Effects of external calcium reduction on biphasic potassium contractures and action of divalent cations on the calcium reduction in frog single twitch muscle fibers. Tsutsu-ura M, et al. **Jpn J Physiol** 1984;34(3):485-95

Influence of intravenous Mg++ solutions on renal excretion of potassium, sodium, calcium, chloride, intraleukocytic potassium and peripheral vascular resistance: a metabolic and hemodynamic study in normal volunteers. Glänzer K, et al. **Magnesium** 1984;3(4-6):324-38

Ca-antagonistic effect of Mg on cardiac muscle compared to synthetic Ca antagonists. Greeff K. **Magnesium** 1984; 3(4-6):353-5

Effect of hypermagnesemia on circulating plasma parathyroid hormone in patients on regular hemodialysis therapy. McGonigle RJ, et al. **Magnesium** 1984;3(1):1-7

Mg2+ mitigates Ca2+-dependent cell killing by ionophore A23187. Vidair C, et al. **Magnesium** 1984;3(2):88-94

10 nm RecA protein filaments formed in the presence of Mg2+ and ATP gamma S may contain RNA. Register JC 3d, et al. **MGG** 1985;199(3):415-20

Mg2+ induces a sharp and reversible transition in U1 and U2 small nuclear ribonucleoprotein configurations. Reveillaud I, et al. **Mol Cell Biol** 1984 Sep;4(9):1890-9

Hormonal inhibition of adenylate cyclase. A crucial role for Mg2+. Bockaert J, et al. **Mol Pharmacol** 1984 Sep; 26(2):180-6

Magnesium ions block an N-methyl-D-aspartate receptor-mediated component of synaptic transmission in rat hippocampus. Coan EJ, et al. **Neurosci Lett** 1985 Jan 7;53(1):21-6

Mg2+ reduces N-methyl-D-aspartate neurotoxicity in embryonic chick neural retina in vitro. Gibson BL, et al. **Neurosci Lett** 1985 Jun 4;57(1):13-8

Dental caries models: effects of sucrose modified by fluoride and magnesium. Luoma AR. **Proc Finn Dent Soc** 1984;80 Suppl 3-4:1-75

Phorbol 12-myristate 13-acetate, ionomycin or ouabain, and raised extracellular magnesium induce proliferation of chicken heart mesenchymal cells. Balk SD, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6418-21

Molecular mechanisms of manganese mutagenesis. El-Deiry WS, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7378-82

Evidence that the Mg-dependent low-affinity binding site for ATP and Pi demonstrated on the isolated beta subunit of the F0.F1 ATP synthase is a catalytic site. Khananshvili D, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1886-90

The effects of sodium, hydrogen and magnesium ions on mitochondrial calcium sequestration in adult rat ventricular myocytes. Fry CH, et al. **Proc R Soc Lond [Biol]** 1984 Dec 22;223(1231):239-54

pH and magnesium alter 45calcium binding to platelets at sites other than glycoproteins I or IIb/IIIa. Peerschke EI. **Proc Soc Exp Biol Med** 1985 Jun;179(2):232-9

Different effects of cardioplegic solution HTK during single or intermittent administration. Gebhard MM, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):271-6

Effects of calcium and magnesium acetates on tissue distribution of carcinogenic doses of cadmium chloride in Wistar rats. Kasprzak KS, et al. **Toxicology** 1985 Mar 15; 34(3):221-30

The effect of citrate, calcium, and magnesium ions on the potassium movement across the human platelet membrane. Weis-Fogh US. **Transfusion** 1985 Jul-Aug;25(4):339-42

An unexpected effect of divalent cations on the adenovirus endogenous protein kinase: alteration in the specificity of phosphorylation. Tsuzuki J, et al. **Virus Res** 1985 Mar; 2(2):95-105

Small-angle X-ray and light scattering studies on the influence of Mg2+ ions on the structure of the RNA from bacteriophage MS2. Ribitsch G, et al. **Z Naturforsch [C]** 1985 Mar-Apr;40(3-4):234-41

[Effect of magnesium on erythrocytic electrolytes in digitalis poisoning] Wang L. **Chung Hua Nei Ko Tsa Chih** 1984 Jun;23(6):333-5, 396 (Eng. Abstr.) **(Chi)**

[Effect of calcium, magnesium and temperature on praziquantel-induced tegument damage of the male Schistosoma japonicum] Xiao SH, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):59-63 (Eng. Abstr.) **(Chi)**

[Sugar-induced caries affected by added fluoride and magnesium using a caries model] Luoma AR. **Proc Finn Dent Soc** 1985;81(1):51-4 (Eng. Abstr.) **(Fin)**

[Histo-autoradiographic study of the secretion of gastric mucus in the rat stomach. II. Role of feeding and its combination with an antacid] Rateau JG, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 Jun;21(3):167-70 (Eng. Abstr.) **(Fre)**

[Polymorphism of the left-handed helix (Z form) of poly(dG-dC).poly(dG-dC) induced by MgCl2, studied by infrared spectroscopy] Taboury JA, et al. **Magnesium** 1984; 3(3):152-8 (Eng. Abstr.) **(Fre)**

[Effects of magnesium and nicardipine in the cardioplegic solution on the coronary arteries and myocardium] Shikano K, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):556-60 (Eng. Abstr.) **(Jpn)**

[Effect of magnesium and calcium ions on synaptic transmission block induced by adenosine in isolated slices of rat hippocampus] Artemenko DP, et al. **Neirofiziologiia** 1984;16(4):532-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

A central role for magnesium in the regulation of inhibitory adenosine receptors. Cooper DM, et al. **Adv Exp Med Biol** 1984;175:17-30

Interactions between MG and blood pressure. Lau K, et al. **Adv Exp Med Biol** 1984;178:275-90 (57 ref.)

The role of magnesium in the prevention and control of hypertension. Ryan MP, et al. **Ann Clin Res** 1984;16 Suppl 43:81-8 (89 ref.)

Glycerolipid biosynthesis in rat adipose tissue 12. Properties of Mg2+-dependent and -independent phosphatidate phosphohydrolase. Jamdar SC, et al. **Arch Biochem Biophys** 1984 Sep;233(2):370-7

The key role of Mg+2 in acid secretion (gastric microsomal model). Kozol R. **Curr Surg** 1984 Nov-Dec;41(6):453-4

Magnesium, electrolyte transport and coronary vascular tone. Altura BM, et al. **Drugs** 1984 Oct;28 Suppl 1:120-42 (190 ref.)

Magnesium in coronary artery disease. Iseri LT. **Drugs** 1984 Oct;28 Suppl 1:151-60

The pathophysiology of potassium and magnesium disturbances. A cardiac perspective. Schipperheyn JJ. **Drugs** 1984 Oct;28 Suppl 1:112-9

Magnesium-dependent conformational changes of membrane proteins are related to the Mg2+-dependent ATPase activity in cardiac sarcolemma. Vrbjar N, et al. **FEBS Lett** 1985 Sep 2;188(2):379-82

Increase in membrane permeability in the absence of Ca and Mg in the smooth muscle of guinea-pig taenia coli. Karaki H, et al. **Jpn J Pharmacol** 1985 Jan;37(1):59-65

Interactions of magnesium and potassium on cardiac and vascular smooth muscle. International symposium, Montbazon, November 8-11, 1984. **Magnesium** 1984; 3(4-6):173-360

Magnesium and liver cirrhosis: a hypothesis. Cohen L. **Magnesium** 1985;4(1):1-4

Speculations on hormonal controls of magnesium homeostasis: a hypothesis. Durlach J, et al. **Magnesium** 1984;3(3):109-31 (187 ref.)

Inhibition of calcium by magnesium in the contraction of rat aortic smooth muscle. I. Mathematical model of calcium and magnesium binding. Healy MD, et al. **Magnesium** 1984; 3(2):63-72

The possible role of magnesium in hypercalcemic hypertension. Zawada ET, et al. **Magnesium** 1984; 3(3):132-7 (16 ref.)

Interaction of extracellular calcium and magnesium in the regulation of cytosolic calcium and PTH release in dispersed bovine parathyroid cells. Shoback DM, et al. **Mol Cell Endocrinol** 1984 Dec;38(2-3):179-86

Vasopressin-induced activation of human blood platelets: prominent role of Mg2+. Erne P, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar; 329(1):97-9

[Comparative effects of magnesium deficiency and overload on calcium and phosphorus metabolism in the growing pig] Pointillart A, et al. **Magnesium** 1985;4(1):40-50 (Eng. Abstr.) **(Fre)**

[Magnesium: recent findings in physiopathology, clinical aspects and therapy] Cotrozzi G, et al. **Clin Ter** 1984 Jul 31;110(2):135-62 (288 ref.) (Eng. Abstr.) **(Ita)**

[Magnesium and the heart] Szyszka A. **Kardiol Pol** 1984; 27(10):859-64 (47 ref.) **(Pol)**

[The effect of changes in extracellular magnesium on the activity of the smooth muscles of vascular walls] Török J, et al. **Cesk Fysiol** 1984;33(4):328-33 **(Slo)**

POISONING

Accidental magnesium fluoro silicate ingestion. Brookes MT, et al. **Scott Med J** 1984 Oct;29(4):239-40

THERAPEUTIC USE

Hepatic microcirculatory failure after ischemia and reperfusion: improvement with ATP-MgCl2 treatment. Clemens MG, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H804-11

Magnesium trisilicate mixture BP [letter] Lord PW. **Anaesthesia** 1984 Nov;39(11):1144

The effect of magnesium trisilicate mixture, metoclopramide and ranitidine on gastric pH, volume and serum gastrin. O'Sullivan G, et al. **Anaesthesia** 1985 Mar;40(3):246-53

Protective action of almagate against bile-facilitated gastric ulceration in the pylorus-ligated (Shay) rat. Llupiá J, et al. **Arzneimittelforsch** 1984;34(10A):1373-5

Treatment of gastric pyrosis with almagate in patients with and without endoscopically demonstrable duodenal ulcer. A multicentre clinical trial. Suau A, et al. **Arzneimittelforsch** 1984;34(10A):1380-3

Vitamin B6, magnesium, and combined B6-Mg: therapeutic effects in childhood autism. Martineau J, et al. **Biol Psychiatry** 1985 May;20(5):467-78

Magnesium administration reverses the hypocalcaemia secondary to hypomagnesaemia despite low circulating levels of 25-hydroxyvitamin D and 1,25-dihydroxy vitamin D. Fuss M, et al. **Clin Endocrinol (Oxf)** 1985 Jun; 22(6):807-15

Relapse rates of duodenal ulcer healed with concentrated antacid or cimetidine. Hentschel E, et al. **Hepatogastroenterology** 1984 Dec;31(6):266-8

Comparative study of cimetidine and Mylanta II in the 6-week treatment of gastric ulcer. Sherbaniuk RW, et al. **J Clin Gastroenterol** 1985 Jun;7(3):211-5

Early radiation-induced proctosigmoiditis responds to magnesium therapy. Cohen L, et al. **Magnesium** 1985; 4(1):16-9

Reversible retinal vasospasm in magnesium-treated hypertension despite no significant change in blood pressure. Cohen L, et al. **Magnesium** 1984;3(3):159-63

Magnesium therapy decreased the rate of intrauterine fetal retardation, premature rupture of membranes and premature delivery in risk pregnancies treated with betamimetics. Conradt A, et al. **Magnesium** 1985;4(1):20-8

Intra-/extracellular shifts of potassium after the administration of Mg in patients with cardiovascular diseases. Dyckner T, et al. **Magnesium** 1984;3(4-6):339-45

Role of dietary potassium and magnesium in diuretic–treated patients with cardiac insufficiency. Heinonen L, et al. **Magnesium** 1984;3(1):38–45

Reduction of the lethality and the nephrocalcinotic effect of single fluoride doses by magnesium in rats. Luoma H, et al. **Magnesium** 1984;3(2):81–7

On the therapeutic mechanism of Mg2+ in digitoxic arrhythmias and the role of cardiac glycosides in Mg depletion. Moe BH. **Magnesium** 1984;3(1):8–20

Magnesium therapy in acute myocardial infarction––a double–blind study. Morton BC, et al. **Magnesium** 1984; 3(4–6):346–52

Treatment of type I primary hyperoxaluria [letter] **N Engl J Med** 1985 Oct 10;313(15):959–60

Renal magnesium and phosphate wastage in a patient with hypercalciuria and nephrocalcinosis: effect of oral phosphorus and magnesium supplements. Ulmann A, et al. **Nephron** 1985;40(1):83–7

Comparative study of four antacids. Jacyna MR, et al. **Postgrad Med J** 1984 Sep;60(707):592–6

Comparison of ranitidine and high–dose antacid in the treatment of prepyloric or duodenal ulcer. A double–blind controlled trial. Lauritsen K, et al. **Scand J Gastroenterol** 1985 Jan;20(1):123–8

[Prevention of stress ulcers in intensive care. Cimetidine and alkalines as prophylaxis of digestive hemorrhage] Pepcak F, et al. **Cah Anesthesiol** 1984 Jan–Feb;32(1):11–4 **(Fre)**

[Anti–arrhythmia effects of magnesium salts. 4 cases] Delhumeau A, et al. **Presse Med** 1985 Mar 16;14(11):629–32 (Eng. Abstr.) **(Fre)**

[Clinical and biochemical value of Magnesium + vitamin B6 combination in the treatment of residual autism in adults] Jonas C, et al. **Therapie** 1984 Nov–Dec;39(6):661–9 (Eng. Abstr.) **(Fre)**

[Are 2 tablets of magaldrate at bedtime effective in the therapy of duodenal ulcer? (letter)] Dammann HG, et al. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):77–9 **(Ger)**

[Therapy of stomach ulcer with low–dose antacid gel and cimetidine. A multicenter double–blind study] Pace F, et al. **Dtsch Med Wochenschr** 1985 Feb 22;110(8):283–7 (Eng. Abstr.) **(Ger)**

[Action of magnesium on ventricular fibrillation] Oliveira LH, et al. **Arq Bras Cardiol** 1984 May;42(5):339–43 (Eng. Abstr.) **(Por)**

TOXICITY

Inhalation studies on the effects of tremolite and brucite dust in rats. Davis JM, et al. **Carcinogenesis** 1985 May; 6(5):667–74

[Action of potassium sulfate and potassium magnesium sulfate on the body of animals in a chronic experiment] Khodykina TM. **Gig Tr Prof Zabol** 1984 Jul;(7):47–9 **(Rus)**

URINE

Cis–platin induced hypermagnesiuria and hypercalciuria in rats. Mavichak V, et al. **Adv Exp Med Biol** 1984;178:127–32

Renal function in sea snakes. II. Sodium, potassium, and magnesium excretion. Benyajati S, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R237–45

Urinary cations and blood pressure––population studies. Kesteloot H. **Ann Clin Res** 1984;16 Suppl 43:72–80

The magnesiuric effects of several single doses of xipamide in healthy adults. Reyes AJ, et al. **Braz J Med Biol Res** 1984;17(3–4):285–91

Urine analysis of three rodent species with emphasis on calcium and magnesium bicarbonate. Haim A, et al. **Comp Biochem Physiol [A]** 1985;80(4):503–6

Chronobiologic observations of calcium and magnesium in the elderly. Nicolau GY, et al. **Endocrinologie** 1985 Jan–Mar;23(1):39–53

Impaired renal tubular reabsorption of magnesium (TRMg) in Ca–containing kidney stone formers. Revúsová V, et al. **Int Urol Nephrol** 1984;16(3):237–42

Modulation by calcitonin of magnesium and calcium urinary excretion in the rat. Di Stefano A, et al. **Kidney Int** 1985 Feb;27(2):394–400

Magnesium excretion in idiopathic hypercalciuria. Martinez ME, et al. **Nephron** 1985;40(4):446–50

Decreased calcium and magnesium urinary excretion during prostaglandin synthesis inhibition in the rat. Friedlander G, et al. **Prostaglandins** 1985 Jan;29(1):123–32

[Modified method for the rapid determination of the magnesium requirement of cows and sheep] Goranov Kh. **Vet Med Nauki** 1985;22(3):43–7 (Eng. Abstr.) **(Bul)**

[Areas of magnesium ammonium phosphate nucleation in sterile, alkaline or acid urine] Boistelle R, et al. **Nephrologie** 1984;5(5):217–21 **(Fre)**

[Diagnosis of relative hypomagnesurea in calcium lithiasis: reference values for a new parameter] Labeeuw M, et al. **Nephrologie** 1984;5(3):101–5 (Eng. Abstr.) **(Fre)**

[Hypomagnesemia in dairy cows and the quick urine test for control of the cow's magnesium supply] Schneider E, et al. **Schweiz Arch Tierheilkd** 1985 Jan;127(1):9–24 (Eng. Abstr.) **(Ger)**

[Modification of the risk of urolithiasis by changes in magnesium and calcium concentrations in the urine as affected by stress conditions] Brundig P, et al. **Z Urol Nephrol** 1985 May;78(5):245–51 (Eng. Abstr.) **(Ger)**

MAGNESIUM DEFICIENCY

A clinical approach to common electrolyte problems: 4. Hypomagnesemia. Berkelhammer C, et al. **Can Med Assoc J** 1985 Feb 15;132(4):360–8 (93 ref.)

Magnesium deficiency in human subjects––a personal historical perspective. Flink EB. **J Am Coll Nutr** 1985; 4(1):17–31

Hematuria and magnesium deficiency [letter] Garcia Nieto V, et al. **J Pediatr** 1984 Dec;105(6):1007

[Magnesium deficiency] Nielsen LH, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1855–8 (Eng. Abstr.) **(Dan)**

[Magnesium: recent findings in physiopathology, clinical aspects and therapy] Cotrozzi G, et al. **Clin Ter** 1984 Jul 31;110(2):135–62 (288 ref.) (Eng. Abstr.) **(Ita)**

BLOOD

Magnesium deficiency in a medical ICU population. Ryzen E, et al. **Crit Care Med** 1985 Jan;13(1):19–21

Elevated circulating immunoreactive calcitonin in the magnesium–deficient normocalcemic rat. Anast CS, et al. **Endocrinology** 1985 Jun;116(6):2232–5

Absence of increase of serum alkaline phosphatase activity with parenteral nutrition–associated cholestasis: possible consequence of hypozincemia and hypomagnesemia. Nanji AA. **Enzyme** 1985;33(2):101–4

Symptomatic hypomagnesemia in cystic fibrosis. Green CG, et al. **J Pediatr** 1985 Sep;107(3):425–8

CHEMICALLY INDUCED

Magnesium deficiency psychosis induced by cancer chemotherapy. Matzen TA, et al. **Biol Psychiatry** 1985 Jul; 20(7):788–91

Intracellular magnesium loss after diuretic administration. Dyckner T, et al. **Drugs** 1984 Oct;28 Suppl 1:161–6

Diuretic–induced magnesium losses. Leary WP, et al. **Drugs** 1984 Oct;28 Suppl 1:182–7

cis–Diamminedichloroplatinum–induced hypomagnesemia and renal magnesium wasting. Bell DR, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):287–90

Cardiovascular toxicity of diuretics related to magnesium depletion. Reyes AJ, et al. **Hum Toxicol** 1984 Oct; 3(5):351–71 (108 ref.)

Isolated neonatal hypomagnesaemia associated with maternal overuse of stool softener [letter] Schindler AM. **Lancet** 1984 Oct 6;2(8406):822

On the therapeutic mechanism of Mg2+ in digitoxic arrhythmias and the role of cardiac glycosides in Mg depletion. Moe BH. **Magnesium** 1984;3(1):8–20

[Diuretics, magnesium deficiency, sudden death and coronary disease] Reyes AJ. **Rev Clin Esp** 1984 Sep 30;174(6):205–15 (107 ref.) **(Spa)**

COMPLICATIONS

The myopathy of experimental magnesium deficiency. Knochel JP, et al. **Adv Exp Med Biol** 1984;178:351–61

Torsade de pointes and magnesium deficiency. Ramee SR, et al. **Am Heart J** 1985 Jan;109(1):164–7

Magnesium depletion as a cause of refractory potassium repletion. Whang R, et al. **Arch Intern Med** 1985 Sep; 145(9):1686–9

Magnesium administration reverses the hypocalcaemia secondary to hypomagnesaemia despite low circulating levels of 25–hydroxyvitamin D and 1,25–dihydroxy vitamin D. Fuss M, et al. **Clin Endocrinol (Oxf)** 1985 Jun; 22(6):807–15

Dermatosis of hairless rats fed a hypomagnesic diet––pathology and immunology. Chavaz P, et al. **Dermatologica** 1984;169(3):105–11

Magnesium sulfate and digitalis–toxic arrhythmias [letter] **JAMA** 1985 Jan 25;253(4):513–4

Skeletal myopathy and magnesium depletion: cellular mechanisms. Brautbar N, et al. **Magnesium** 1984;3(2):57–62

Membrane alterations in magnesium–deficiency–induced malignant T cell lymphoma. Günther T, et al. **Magnesium** 1984;3(1):29–37

Repetitive strain injury (RSI) and magnesium and fluoride intake [letter] Smith GE. **NZ Med J** 1985 Jul 10; 98(782):556–7

DIAGNOSIS

Magnesium deficiency syndrome. Miller G. **Compr Ther** 1985 Apr;11(4):58–64

DRUG THERAPY

[Magnesium therapy in pregnancy. Pharmacologic and toxicologic aspects of magnesium supplementation and use in pre–eclampsia and threatened premature labor] Classen HG, et al. **Fortschr Med** 1984 Sep 13;102(34):841–4 (Eng. Abstr.) **(Ger)**

EMBRYOLOGY

[Effect of embryonic magnesium deficiency on odontogenesis in Wistar rats] Hummel H, et al. **Zahn Mund Kieferheilkd** 1985;73(1):18–24 (Eng. Abstr.) **(Ger)**

ETIOLOGY

[Metabolic complications during total parenteral] Li JS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):72–4, 125 (Eng. Abstr.) **(Chi)**

[Renal tubular hypomagnesemia of familial origin] Rapado A, et al. **Rev Clin Esp** 1985 Apr;176(6):302–4 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Control of in vitro lymphocyte proliferation by copper, magnesium and zinc deficiency. Flynn A. **J Nutr** 1984 Nov; 114(11):2034–42

METABOLISM

Interrelationship of dietary Mg intake and electrolyte homeostasis in hamsters: I. Severe Mg deficiency, electrolyte homeostasis, and myocardial necrosis. Chang C, et al. **J Am Coll Nutr** 1985;4(2):173–85

Histamine content and histidine decarboxylase activity in the spleen of the magnesium–deficient rat: comparison with the skin and peritoneal mast cells. Nishio A, et al. **Jpn J Pharmacol** 1984 Sep;36(1):1–6

Magnesium and potassium deprivation and supplementation in animals and man: aspects in view of intestinal absorption. Classen HG. **Magnesium** 1984;3(4–6):257–64

Metabolic activity of liver mitochondria from magnesium–deficient rats. Heaton FW, et al. **Magnesium** 1984;3(1):21–8

Sodium kinetics and membrane potential in aorta of magnesium–deficient rats. Madden JA, et al. **Magnesium** 1984;3(2):73–80

Vigilance states and cerebral monoamine metabolism in experimental magnesium deficiency. Poenaru S, et al. **Magnesium** 1984;3(3):145–51

PHYSIOPATHOLOGY

Tetanic syndrome during year seasons. III. Behaviour of wave M in ischemic and postischemic phase of ischemic test. Kašpárek J, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:273–81

Seasons of year and tetanic syndrome. Steidl L, et al. **Acta Univ Palacki Olomuc Fac Med** 1985;108:263–72

Magnesium deficiency in the Japanese quail. Didier R, et al. **Comp Biochem Physiol [A]** 1984;79(2):223–7

Magnesium deficiency. Causes and clinical implications. Whang R. **Drugs** 1984 Oct;28 Suppl 1:143–50

Magnesium deficiency and myocardial infarct size in the dog. Chang C, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):280–9

Enhanced incidence of isoproterenol–induced ventricular fibrillation in the magnesium–deficient rat. Guideri G, et al. **J Am Coll Nutr** 1985;4(2):139–55

Influence of magnesium and potassium deficiency on renal elimination and cardiovascular function demonstrated by impedance cardiography. Lücker PW, et al. **Magnesium** 1984;3(4–6):265–73

URINE

[Diagnosis of relative hypomagnesurea in calcium lithiasis: reference values for a new parameter] Labeeuw M, et al. **Nephrologie** 1984;5(3):101–5 (Eng. Abstr.) **(Fre)**

VETERINARY

Magnesium concentrations in the ventricular and lumbar cerebrospinal fluid of hypomagnesaemic cows. Allsop TF, et al. **Res Vet Sci** 1985 Jan;38(1):61–4

Hypomagnesaemia increase [letter] Whitaker DA, et al. **Vet Rec** 1985 Apr 20;116(16):451–2

[Hypomagnesemia in dairy cows and the quick urine test for control of the cow's magnesium supply] Schneider E, et al. **Schweiz Arch Tierheilkd** 1985 Jan;127(1):9–24 (Eng. Abstr.) **(Ger)**

MAGNESIUM HYDROXIDE see under **MAGNESIUM**

MAGNESIUM OXIDE

ADMINISTRATION & DOSAGE

Effects of deficient and adequate dietary magnesium concentrations on body magnesium concentrations in wethers. Fisher DD, et al. **Am J Vet Res** 1985 Aug; 46(8):1777–80

[Premedication for sonography. Enzyme–paractol in comparison with a placebo] Heyder N, et al. **Fortschr Med** 1984 Sep 13;102(34):850–2 (Eng. Abstr.) **(Ger)**

ADVERSE EFFECTS

Characterization of magnesium–induced urinary disease in the cat and comparison with feline urologic syndrome. Finco DR, et al. **Am J Vet Res** 1985 Feb;46(2):391–400

PHARMACODYNAMICS

Addition of buffers to high quality alfalfa hay–based diets for dairy cows in early lactation. Eickelberger RC, et al. **J Dairy Sci** 1985 Jul;68(7):1722–31

Dietary magnesium oxide interactions with sodium bicarbonate on cows in early lactation. Teh TH, et al. **J Dairy Sci** 1985 Apr;68(4):881–90

Response of milking cows fed a high concentrate, low roughage diet plus sodium bicarbonate, magnesium oxide, or magnesium hydroxide. Thomas JW, et al. **J Dairy Sci** 1984 Nov;67(11):2532-45

Effects of magnesium oxide on trichlormethiazide bioavailability. Takahashi H, et al. **J Pharm Sci** 1985 Aug; 74(8):862-5

THERAPEUTIC USE

Biochemical effects in patients with calcium oxalate stone disease during combined treatment with bendroflumethiazide and magnesium oxide. Ahlstrand C, et al. **Br J Urol** 1984 Apr;56(2):125-30

Comparative study of four antacids. Jacyna MR, et al. **Postgrad Med J** 1984 Sep;60(707):592-6

TOXICITY

[Hygienic regulation of magnesium oxide aerosols in the atmosphere] Pazynich VM, et al. **Gig Sanit** 1984 Nov; (11):82-4 **(Rus)**

MAGNESIUM SULFATE

pH-dependent effect of magnesium sulfate on the stability of penicillin G potassium solution. Das Gupta V, et al. **Am J Hosp Pharm** 1985 Mar;42(3):598-602

ADMINISTRATION & DOSAGE

Combined use of ritodrine and magnesium sulfate for tocolysis of preterm labor [letter] Diamond MP, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):827-8

A comparison of intravenous and intramuscular magnesium sulfate regimens in preeclampsia. Sibai BM, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):728-33

Intrauterine synechiae complicated with threatened abortion and preterm labor. Combined therapy with terbutaline and magnesium sulfate. Kawarabayashi T, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):449-55

Stability of metronidazole and ten antibiotics when mixed with magnesium sulphate solutions. Das Gupta V, et al. **J Clin Hosp Pharm** 1985 Mar;10(1):67-72

[Effects of a salt mixture on the state of the mother, fetus and newborn in experimental hypoxia] Tarakhovskiĭ ML, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):175-80 (Eng. Abstr.) **(Rus)**

[Effect of electrophoresis of atropine, ganglerone, papaverine and magnesium sulfate on liver hemodynamics studied by rheography] Afanas'ev AV, et al. **Vrach Delo** 1985 Feb; (2):32-4 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Maternal paralytic ileus as a complication of magnesium sulfate tocolysis. Hill WC, et al. **Am J Perinatol** 1985 Jan; 2(1):47-8

Magnesium-induced respiratory arrest in a parturient recovering from general anesthesia--a case report. Baraka A, et al. **Middle East J Anaesthesiol** 1984 Oct;7(6):437-40

Symptomatic hypercalcaemia precipitated by magnesium therapy. Nanji AA. **Postgrad Med J** 1985 Jan;61(711):47-8

Inadvertant intrathecal administration of magnesium sulfate [letter] Lejuste MJ. **S Afr Med J** 1985 Sep 14;68(6):367-8

Cardiopulmonary arrest after the administration of magnesium sulphate. A case report. Richards A, et al. **S Afr Med J** 1985 Jan 26;67(4):145

BLOOD

The hypocalcemia associated with magnesium infusion is mediated through parathyroid hormone. **Nutr Rev** 1984 Sep;42(9):315-7

PHARMACODYNAMICS

Action of magnesium sulfate on platelet prostacyclin interaction and prostacyclin of blood vessels [letter] Briel RC, et al. **Am J Obstet Gynecol** 1985 Sep 15;153(2):232

Effect of magnesium sulfate on electroencephalographic findings in preeclampsia/eclampsia [letter] Morris JA. **Obstet Gynecol** 1985 Jun;65(6):859-60

Effect of magnesium sulfate on maternal and fetal hemodynamics and fetal brain function and metabolism. Ayromlooi J, et al. **Pediatr Pharmacol (New York)** 1982; 2(4):305-15

[Effect of Radix ophiopogonis and a small dose of magnesium sulfate on hemodynamics after myocardial infarction, arrhythmia and the extent of myocardial infarction] Shu NH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):295-6 (Eng. Abstr.) **(Chi)**

[Radioimmunoassay of cholecystokinin using XAD-2 resin extraction method of plasma. Plasma cholecystokinin responses after a meal and intraduodenal ingestion of MgSO4 in humans] Shiratori K, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):277-87 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

A double-blind, placebo-controlled trial of magnesium sulfate in the ethanol withdrawal syndrome. Wilson A, et al. **Alcoholism (NY)** 1984 Nov-Dec;8(6):542-5

A comparison of Lamicel and prostaglandin E2 vaginal gel for cervical ripening before induction of labor. Johnson IR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):604-7

Tocolysis of eclampsia-associated uterine hypertonus [letter] Kells DN. **Am J Obstet Gynecol** 1985 Jul 1;152(5):608

Effect of parenteral magnesium sulfate on penicillin-induced seizure foci in anesthetized cats. Koontz WL, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):96-9

Failure of magnesium sulphate to prevent suxamethonium induced muscle pains. Chestnutt WN, et al. **Anaesthesia** 1985 May;40(5):488-90

The use of magnesium sulfate in the anesthetic management of pheochromocytoma. James MF. **Anesthesiology** 1985 Feb;62(2):188-90

Clinical experience with 781 cases of alcoholism evaluated and treated on an inpatient basis by various methods. Daus AT, et al. **Int J Addict** 1985 Apr;20(4):643-50

The use of magnesium sulphate infusions in the management of very severe tetanus. James MF, et al. **Intensive Care Med** 1985;11(1):5-12

Magnesium sulfate in the treatment of variant angina. Cohen L, et al. **Magnesium** 1984;3(1):46-9

Magnesium sulphate in arterial disease. Browne SE. **Practitioner** 1984 Dec;228(1398):1165-6

Painful muscle spasm reversed by magnesium sulphate. A case report. Clinton CW, et al. **S Afr Med J** 1985 Aug 31;68(5):332-3

[Treatment of torsades de pointes with magnesium sulfate (letter)] Etienne Y, et al. **Presse Med** 1985 Mar 16; 14(11):640 **(Fre)**

[Magnesium therapy in pregnancy. Pharmacologic and toxicologic aspects of magnesium supplementation and use in pre-eclampsia and threatened premature labor] Classen HG, et al. **Fortschr Med** 1984 Sep 13;102(34):841-4 (Eng. Abstr.) **(Ger)**

[Anti-arrhythmic action of magnesium sulfate in 'torsade de pointes' ventricular arrhythmia] Bolognesi R, et al. **G Ital Cardiol** 1984 Dec;14(12):1077-80 (Eng. Abstr.) **(Ita)**

[Use of magnesium for prevention of pain in vasospastic angina in a patient with recurrent myocardial infarction; pathogenesis of vasospasm] Ziembowski M, et al. **Kardiol Pol** 1985;28(1):63-9 (Eng. Abstr.) **(Pol)**

MAGNETIC RESONANCE see **NUCLEAR MAGNETIC RESONANCE**

MAGNETICS

Magnetic force systems in orthodontics. Clinical results of a pilot study. Blechman AM. **Am J Orthod** 1985 Mar; 87(3):201-10

Rapid, high-yield purification of cell surface membrane using colloidal magnetite coated with polyvinylamine: sedimentation versus magnetic isolation. Patton WF, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):83-92

Influence of constant magnetic fields on certain physiochemical properties of water. Gonet B. **Bioelectromagnetics** 1985;6(2):169-75

Biomagnetic measurements with applied magnetic field. Ho SC, et al. **Biomed Sci Instrum** 1985;21:109-13

Conception and realization of a new viscometer using a magnetic fluid for measuring biological fluids. Brancher JP, et al. **Biorheology** 1984;Suppl 1:83-8

Influence of a constant magnetic field on human lymphocyte cultures. Ardito G, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1341-6

Evidence for the involvement of the visual system in mediating magnetic field effects on pineal melatonin synthesis in the rat. Olcese J, et al. **Brain Res** 1985 May 6;333(2):382-4

Comparison of magnetometer and inductance plethysmography derived Konno-Mead diagrams during CO2 rebreathing. Lopata M, et al. **Bull Eur Physiopathol Respir** 1985 Mar-Apr;21(2):159-63

Effects of time-varying magnetic fields on fibroblast growth. Schuetz PW, et al. **Clin Phys Physiol Meas** 1985 May; 6(2):155-60

Magnetic fields produced by eye blinking. Antervo A, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):247-53

Dependence of the auditory evoked magnetic field (100 msec signal) of the human brain on the intensity of the stimulus. Bak CK, et al. **Electroencephalogr Clin Neurophysiol** 1985 Aug;61(2):141-9

A four-channel SQUID magnetometer for brain research. Ilmoniemi R, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;58(5):467-73

Cerebral neuromagnetic responses evoked by short auditory stimuli. Sams M, et al. **Electroencephalogr Clin Neurophysiol** 1985 Oct; 61(4):254-66

The use of magnets in orthodontics: an alternative means to produce tooth movement. Muller M. **Eur J Orthod** 1984 Nov;6(4):247-53

Magnetic measurements of action currents in a single nerve axon: a core-conductor model. Barach JP, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):136-40

Multipole analysis in magnetopneumography--a model study. Brauer F, et al. **IEEE Trans Biomed Eng** 1985 Jun; 32(6):386-91

Neuromagnetic fields evoked by a patterned on-offset stimulus. Kouijzer WJ, et al. **IEEE Trans Biomed Eng** 1985 Jun;32(6):455-8

Magnetic denture retention systems: inexpensive and efficient. Gillings BR. **Int Dent J** 1984 Sep;34(3):184-97

Is there an association between myocardial infarction and geomagnetic activity? Bellossi A, et al. **Int J Biometeorol** 1985 Mar;29(1):1-6

Magnetic field affects thymidine kinase in vivo. Feinendegen LE, et al. **Int J Radiat Biol** 1985 Jun;47(6):723-30

Enhancement of bone healing by an exogenous magnetic field and the magnetic vaccine. Guillen García P, et al. **J Biomed Eng** 1985 Apr;7(2):157-60

Activity of acid and alkali phosphatase in guinea pigs exposed to the static magnetic fields. Gorczyńska E, et al. **J Hyg Epidemiol Microbiol Immunol** 1985;29(2):135-9

The effect of static magnetic field on protein concentration in serum of guinea-pigs. Gorczyńska E, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):257-60

Magnetic labeling and cell sorting. Owen CS, et al. **J Immunol Methods** 1984 Oct 12;73(1):41-8

Sectional prostheses connected by samarium-cobalt magnets. Sasaki H, et al. **J Prosthet Dent** 1984 Oct;52(4):556-8

From the NIH. Magnetic device tests for iron overload [news] Fordham JN. **JAMA** 1985 Aug 23-30;254(8):1006-8

Tolerance to morphine-induced analgesia in mice: magnetic fields function as environmental specific cues and reduce tolerance development. Kavaliers M, et al. **Life Sci** 1985 Sep 23;37(12):1125-35

Magnetic separation techniques: their application to medicine. Kemshead JT, et al. **Mol Cell Biochem** 1985 May; 67(1):11-8 (60 ref.)

Magnetic field of the earth as additional zeitgeber for endogenous rhythms? Cremer-Bartels G, et al. **Naturwissenschaften** 1984 Nov;71(11):567-74

The effects of 50 Hz magnetic fields on opioid peptide mediated inhibition of guinea pig ileum. Golding GP, et al. **Neuropeptides** 1985 Feb;5(4-6):357-8

Exposure to rotating magnetic fields alters morphine-induced behavioral responses in two strains of mice. Kavaliers M, et al. **Neuropharmacology** 1985 Apr;24(4):337-40

Geophysical variables and behavior: XXI. Geomagnetic variation as possible enhancement stimuli for UFO reports preceding earthtremors. Persinger MA. **Percept Mot Skills** 1985 Feb;60(1):37-8

Human orientation with restricted sensory information: no evidence for magnetic sensitivity. Fildes BN, et al. **Perception** 1984;13(3):229-36

Monoclonal antibodies and magnetic microspheres used for the depletion of malignant cells from bone marrow. Kemshead JT, et al. **Prog Clin Biol Res** 1985;175:413-23

Neuromagnetic studies of somatosensory system: principles and examples. Hari R, et al. **Prog Neurobiol** 1985; 24(3):233-56

Geophysical variables and behavior: XXVII. Magnetic necklace: its therapeutic effectiveness on neck and shoulder pain: 2. Psychological assessment. Lin JC, et al. **Psychol Rep** 1985 Apr;56(2):639-49

Hyperthermia induction with thermally self-regulated ferromagnetic implants. Lilly MB, et al. **Radiology** 1985 Jan;154(1):243-4

Dosimetry in a magnetically swept electron beam. Boag JW. **Radiother Oncol** 1984 Jun;2(1):37-40

Magnetic monosized polymer particles for fast and specific fractionation of human mononuclear cells. Lea T, et al. **Scand J Immunol** 1985 Aug;22(2):207-16

[Magnetic separation of blood components] Sechovský V, et al. **Cas Lek Cesk** 1984 Mar 23;123(12):347-9 (Eng. Abstr.) **(Cze)**

[Development of a magnetic urethral closure device. A new procedure for the treatment of female urinary incontinence] Grüneberger AD. **Fortschr Med** 1985 May 15; 103(19):521-4 (Eng. Abstr.) **(Ger)**

[Transscleral magnetic fixation of the retina in complicated retinal detachment. A preliminary report of our experiences] Eckardt C, et al. **Klin Monatsbl Augenheilkd** 1984 Oct;185(4):296-8 (Eng. Abstr.) **(Ger)**

[Recording of magnetic signals produced by the heart using a superconducting magnetometer: initial experimental results and future prospects] Gonnelli R, et al. **Boll Soc Ital Cardiol** 1984 Nov;29(11):555-70 (Eng. Abstr.) **(Ita)**

[Initial experiences in the treatment of psoriasis with pulsating magnetic fields] Castelpietra R, et al. **Minerva Med** 1984 Oct 20;75(40):2381-7 (Eng. Abstr.) **(Ita)**

[Technic for the cancellation of power-line noise in biomagnetic measurements] Kuriki S, et al. **Iyodenshi To Seitai Kogaku** 1984 Jun;22(3):203-5 **(Jpn)**

[Observation of magnetic fields from three directions, and the moving image of the heart in a normal subject] Awano N, et al. **J Cardiogr** 1984 Oct;14(3):555-63 (Eng. Abstr.) **(Jpn)**

[Magnetocardiography: a comparison with electrocardiography] Nakaya Y. **J Cardiogr** 1984;14 Suppl 3:31-40 (Eng. Abstr.) **(Jpn)**

[Triiodothyronine uptake assay with magnetic force as a method for bound-free separation] Taguchi H, et al. **Radioisotopes** 1984 Jul;33(7):459-62 **(Jpn)**

[The lack of the effect of a strong constant magnetic field on isolated membrane preparations of Na,K-dependent ATPase] Savich ML, et al. **Biofizika** 1985 Jan-Feb; 30(1):171-3 (Eng. Abstr.) **(Rus)**

[Magnetic susceptibility and magnetic capture of cells] Shalygin AN, et al. **Biofizika** 1984 Sep-Oct;29(5):845-51 (Eng. Abstr.) **(Rus)**

[Physical basis of the generation of neuromagnetic fields]

Vvedenskiĭ VL, et al. **Biofizika** 1985 Jan-Feb;30(1):154-8 (Eng. Abstr.) **(Rus)**

[Effect of an alternating magnetic field on the development of spontaneous hypertension in rats] Markov KhM, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):659-61 (Eng. Abstr.) **(Rus)**

[Substantiation of using magnet-directed localization of drugs for the treatment of thrombosis] Rusetskiĭ AN, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):100-5 (Eng. Abstr.) **(Rus)**

[Research on the in vivo localization of carriers for magnetically directed transport of drugs] Rusetskiĭ AN, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):92-5 **(Rus)**

[Distribution and removal of magnetic microcarriers of anti-neoplastic agents from the body] Ternovoĭ KS, et al. **Eksp Onkol** 1984;6(5):66-9 (Eng. Abstr.) **(Rus)**

[Dynamics of interhemispheric asymmetry as altered by a geomagnetic field] Raevskaia OS, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):471-3 **(Rus)**

[Effect of geomagnetic disturbances on cardiovascular functions in athletes] Ryzhikov GV, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):640-6 **(Rus)**

[Thymus participation in modulating antibody genesis induced by exposure to a magnetic field] Giulling EV, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):71-3 **(Rus)**

[Temperature dependence of the magnetic susceptibility of oxy- and carboxyhemoglobin in the erythrocytes] Piruzian LA, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Nov-Dec;(6):894-900 (Eng. Abstr.) **(Rus)**

[Tissue reactions to implantation of samarium-cobalt magnetic devices (review of the literature)] Lubashevskiĭ VT, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):148-52 **(Rus)**

[Sensitivity of mammalian tissues to prolonged exposure to high-tension permanent magnetic fields] Galaktionova GV, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):78-81 (Eng. Abstr.) **(Rus)**

[Magnetotherapy in the complex treatment of lumbar osteochondritis] Fishchenko VIa, et al. **Ortop Travmatol Protez** 1984 Aug;(8):12-5 (Eng. Abstr.) **(Rus)**

[A method of estimating the effectiveness of ionizing radiation and magnetic fields for phage induction in lysogenic bacterial culture] Anosova MG, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):258-60 (Eng. Abstr.) **(Rus)**

[Magnetophore therapy in the combined treatment of patients with obstructive bronchial diseases and its effect on immunological reactivity] Molotkov VN, et al. **Ter Arkh** 1984;56(10):20-5 (Eng. Abstr.) **(Rus)**

[Use of permanent magnets in digestive tract surgery in children] Stepanov EA, et al. **Vestn Akad Med Nauk SSSR** 1984;(9):6-11 (Eng. Abstr.) **(Rus)**

[Effect of a flow-frequency alternating magnetic field on the microflora and healing of burn wounds] Gaĭduk VI, et al. **Vestn Khir** 1985 Apr;134(4):69-74 (Eng. Abstr.) **(Rus)**

[Device for demagnetizing microsurgical instruments] Baranov VI, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):55-6 **(Rus)**

[Experimental validation of the use of idoxuridine magnetophoresis in herpesvirus eye infection] Vaĭnshtein ES, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):47-50 (Eng. Abstr.) **(Rus)**

[Use of an alternating magnetic field in the combined treatment of acute keratoconus] Vaĭnshtein ES, et al. **Vestn Oftalmol** 1984 Sep-Oct;(5):44-6 (Eng. Abstr.) **(Rus)**

[Treatment of bone fractures by rigid osteosynthesis in a magnetic field] Gertsen IG, et al. **Voen Med Zh** 1985 Mar;(3):62-3 **(Rus)**

[Sun-earth links] Dmitriev AA. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):55-7 **(Rus)**

[Effect of a low-frequency magnetic field on the blood lipoprotein spectrum in hypertension patients] Buiavykh AG. **Vrach Delo** 1984 Sep;(9):75-7 (Eng. Abstr.) **(Rus)**

[Use of magnetotherapy in clinical neurology (review)] Shogam II, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):135-40 (111 ref.) **(Rus)**

[Correlation between acute cerebral circulatory disorders and changes in the earth's magnetic field] Zav'ialov AV, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1137-40 (Eng. Abstr.) **(Rus)**

HISTORY

The magnetic hands. Sutton G. **Med Instrum** 1984 Jul-Aug;18(4):247

MAINTENANCE

Dental equipment maintenance in today's modern office. Miner G. **NY State Dent J** 1984 Dec;50(10):665-7

[Use of the output of automated information systems by management personnel of maintenance-technical services] Ferdová M. **Cesk Zdrav** 1984 Oct;32(10):429-31 (Eng. Abstr.) **(Cze)**

MAINTENANCE AND ENGINEERING, HOSPITAL

Role of stagnation and obstruction of water flow in isolation of Legionella pneumophila from hospital plumbing. Ciesielski CA, et al. **Appl Environ Microbiol** 1984 Nov;48(5):984-7

Simple steps to decrease computer downtime. Ross TM. **Dimens Health Serv** 1985 Jan;62(1):14-5

Isolation of Legionella anisa from a hospital hot water system. Bornstein N, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):327-30

Sound asbestos management 'essential'. **Hospitals** 1984 Oct 16;58(20):73, 75

Mycobacterium xenopi and Mycobacterium kansasii in a hospital water supply. Wright EP, et al. **J Hosp Infect** 1985 Jun;6(2):175-8

Clinical engineering education in the high technology hospital. Shaffer M, et al. **Med Instrum** 1984 Sep-Oct;18(5):280-2

[Monitoring and evaluation of disinfecting effect by chlorination of hospital sewage] Zhou YL. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Sep;18(5):257-9 (Eng. Abstr.) **(Chi)**

ECONOMICS

The financial management of hospital equipment. Charles L, et al. **J Med Eng Technol** 1984 Nov-Dec;8(6):254-5

METHODS

Equipment management in practice. Garrett JA. **J Med Eng Technol** 1984 Nov-Dec;8(6):256-8

ORGANIZATION & ADMINISTRATION

Multi-district equipment management. Stamp JM. **J Med Eng Technol** 1984 Nov-Dec;8(6):259-63

[Organization of maintenance service. Basic support facilities, accessory facilities and electro-medicine] Montes F. **Rev Med Univ Navarra** 1984 Dec;28(4):49-55 **(Spa)**

TRENDS

Hospital sells its engineering services. **Hospitals** 1985 Sep 16;59(18):73

MAIZE see **CORN**

MAJOR HISTOCOMPATIBILITY COMPLEX

Immunological surveillance of tumors in the context of major histocompatibility complex restriction of T cell function. Doherty PC, et al. **Adv Cancer Res** 1984;42:1-65 (418 ref.)

Structure, function, and genetics of human class II molecules. Giles RC, et al. **Adv Immunol** 1985;37:1-71 (204 ref.)

The main histocompatibility complex and ageing in mice and men. Kafetz K. **Age Ageing** 1984 Sep;13(5):291-4 (19 ref.)

Parental HLA compatibility, fetal wastage and neural tube defects: evidence for a T/t-like locus in humans. Schacter B, et al. **Am J Hum Genet** 1984 Sep;36(5):1082-91

Significance and Biological Function of Class II MHC Molecules. Rous-Whipple Award lecture 1985. Benacerraf B. **Am J Pathol** 1985 Sep;120(3):334-43

Mating is random. Bischof P, et al. **Am J Reprod Immunol Microbiol** 1985 Mar;7(3):124-6

Evidence for mapping pig C4 gene(s) within the pig major histocompatibility complex (SLA). Kirszenbaum M, et al. **Anim Blood Groups Biochem Genet** 1985;16(1):65-8

The swine histocompatibility system SLA: serological studies in the common Swiss and Danish swine breeds. Kristensen B, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):109-24

Preliminary evidence of segregation distortion in the SLA system. Philipsen M, et al. **Anim Blood Groups Biochem Genet** 1985;16(2):125-33

SLA haplotype differences in lines of pigs which differ in ovulation rate. Rothschild MF, et al. **Anim Blood Groups Biochem Genet** 1984;15(2):155-8

Relationships between the bovine major histocompatibility system and commonly recognized erythrocyte and serum polymorphisms. Stear MJ, et al. **Anim Blood Groups Biochem Genet** 1984;15(4):231-6

Assignment of MHC in swine to chromosome 7 by in situ hybridization and serological typing. Geffrotin C, et al. **Ann Genet (Paris)** 1984;27(4):213-9

Invasive trophoblast in the genus Equus. Antczak DF, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3): 325-31

MHC restriction in T/B cell collaboration: is the controversy settled? Coutinho A. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):71-3

MHC restriction in T cell/B cell interaction: role of B-cell subpopulations and B-cell activation state. Hodes RJ, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):91-5 (8 ref.)

Cell interaction (CI) and anti-CI molecules: experiments and concepts on cell/cell interactions in the immune system. Katz DH, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):95-8 (13 ref.)

Anti-Ig as a model for MHC-restricted help. Parker DC, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):89-91 (17 ref.)

The immunogenetics of the mouse major histocompatibility gene complex. Hansen TH, et al. **Annu Rev Genet** 1984;18:99-129 (135 ref.)

Major histocompatibility system and complotype in sarcoidosis. Cervera I, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun;15(2):119-31 **(Eng, Spa)**

A non-MHC genetic influence on response to Rous sarcoma virus-induced tumors in chickens. Brown DW, et al. **Avian Dis** 1984 Oct-Dec;28(4):884-99

The borderland of embryogenesis and carcinogenesis. Major histocompatibility complex-linked genes affecting development and their possible relationship to the development of cancer. Gill TJ 3d. **Biochim Biophys Acta** 1984;738(3):93-102 (95 ref.)

Cloning and expression of a rat class I major histocompatibility gene fragment in bacteria. Kastern WH, et al. **Biomed Biochim Acta** 1985;44(1):29-32

Resistance of metastatic tumor variants to tumor-specific cytotoxic T-lymphocytes not due to defects in expression of restricting major histocompatibility complex molecules in murine cells. Altevogt P, et al. **Cancer Res** 1984 Nov;44(11):5305-13

Gene mapping within the T/t complex of the mouse. III: t-Lethal genes are arranged in three clusters on chromosome 17. Artzt K. **Cell** 1984 Dec;39(3 Pt 2):565-72

T-cell receptors generated via mutations are specific for various major histocompatibility antigens. Augustin AA, et al. **Cell** 1984 Nov;39(1):5-12

Expression of class I genes in the major histocompatibility complex: identification of eight distinct mRNAs in DBA/2 mouse liver. Lalanne JL, et al. **Cell** 1985 Jun;41(2):469-78

Cell surface expression of an in vitro recombinant class II/class I major histocompatibility complex gene product. McCluskey J, et al. **Cell** 1985 Feb;40(2):247-57

A one and a half receptor model for MHC-restricted antigen recognition by T lymphocytes. Pernis B, et al. **Cell** 1985 May;41(1):13-6 (26 ref.)

Genes encoding the Ti beta subunit of the antigen/MHC receptor undergo rearrangement during intrathymic ontogeny prior to surface T3-Ti expression. Royer HD, et al. **Cell** 1984 Dec;39(2 Pt 1):261-6

Gene mapping within the T/t complex of the mouse. IV: The inverted MHC is intermingled with several t-lethal genes. Shin HS, et al. **Cell** 1984 Dec;39(3 Pt 2):573-8

The T cell receptor: the alpha and beta chains define idiotype, and antigen and MHC specificity. Yagüe J, et al. **Cell** 1985 Aug;42(1):81-7

Regulation of major histocompatibility gene expression in teratocarcinoma 402AX cells. Ostrand-Rosenberg S, et al. **Cell Differ** 1984 Dec;15(2-4):221-7

I-region restriction of alloantigen recognition: alloantigen expressed on the surface of a hybridoma cell must be presented in the context of self class II major histocompatibility complex determinants for recognition by a dual-reactive T-cell clone. Ma DI, et al. **Cell Immunol** 1985 Jul;93(2):327-39

Acidification of internalized class I major histocompatibility complex antigen by T lymphoblasts. Murphy RF, et al. **Cell Immunol** 1984 Oct 15;88(2):336-42

Abnormalities in the expression of the leucocyte-common antigen in chronic lymphocytic leukaemia. Smith SK, et al. **Clin Exp Immunol** 1985 Jan;59(1):55-63

Expression of MHC class II antigens on bile duct epithelium in experimental graft versus host disease. Takács L, et al. **Clin Exp Immunol** 1985 Jun;60(3):449-56

Tlym-I, a stage specific transforming gene shares homology with MHC I region genes. Lane MA, et al. **Curr Top Microbiol Immunol** 1984;113:31-3

Differential polymorphism of the amphibian MHC. Płytycz B. **Dev Comp Immunol** 1984 Summer;8(3):727-32

Genetic control of pathogenesis of diabetes in C3H mice. Influence of the major histocompatibility complex. Leiter EH. **Diabetes** 1984 Nov;33(11):1068-71

Class I, II and III major histocompatibility complex gene polymorphisms in BB rats. Buse JB, et al. **Diabetologia** 1984 Jul;27 Suppl:77-9

Inbred and wild mice carry identical deletions in their E alpha MHC genes. Dembić Z, et al. **EMBO J** 1985 Jan;4(1):127-31

The Eb beta gene may have acted as the donor gene in a gene conversion-like event generating the Abm 12 beta mutant. Denaro M, et al. **EMBO J** 1984 Sep;3(9):2029-32

Secretion of a soluble class I molecule encoded by the Q10 gene of the C57BL/10 mouse. Devlin JJ, et al. **EMBO J** 1985 Feb;4(2):369-74

Gene duplications in the TL region of the mouse major histocompatibility complex. Hammerling U, et al. **EMBO J** 1985 Jun;4(6):1431-4

SB subregion of the human major histocompatibility complex: gene organization, allelic polymorphism and expression in transformed cells. Okada K, et al. **EMBO J** 1985 Mar;4(3):739-48

Mouse histocompatibility-related genes are not conserved in other mammals. Rogers JH. **EMBO J** 1985 Mar;4(3):749-53

Tracts of high or low sequence divergence in the mouse major histocompatibility complex. Steinmetz M, et al. **EMBO J** 1984 Dec 1;3(12):2995-3003

Association of spontaneous thyroiditis with the major histocompatibility complex of the rat. Colle E, et al. **Endocrinology** 1985 Apr;116(4):1243-7

Immune responses of thymus/lymphocyte embryonic chimeras: studies on tolerance and major histocompatibility complex restriction in Xenopus. Flajnik MF, et al. **Eur J Immunol** 1985 Jun;15(6):540-7

Genetic and stimulatory cell type requirements for inducing class I major histocompatibility complex alloantigen-specific in vivo cytotoxic T cell immunity. Mizoguchi K, et al. **Eur J Immunol** 1985 May;15(5):487-94

Murine monoclonal antibodies and human alloantisera specific for HLA inhibit monocyte phagocytosis of anti-D-sensitized human red blood cells. Neppert J, et al. **Eur J Immunol** 1985 Jun;15(6):559-63

Structural invariance of T4 molecules from T cell clones of different antigen and major histocompatibility complex specificities. Sayre PH, et al. **Eur J Immunol** 1985 Mar;15(3):291-5

Major histocompatibility complex restriction of tetanus toxoid-specific human T lymphocyte clones. Schmitt C, et al. **Eur J Immunol** 1984 Dec;14(12):1131-6

Thymocytes appear to ignore class I major histocompatibility complex antigens expressed on thymus epithelial cells. Von Boehmer H, et al. **Eur J Immunol** 1984 Nov;14(11):1048-52

MHC- and non-MHC-encoded surface antigens of chicken lymphoid cells and erythrocytes recognized by polyclonal xeno-, allo- and monoclonal antibodies. Wolf H, et al. **Eur J Immunol** 1984 Sep;14(9):831-9

Direct evaluation of antigen binding to human T lymphocyte clones: involvement of major histocompatibility complex products in antigen binding. Zanders ED, et al. **Eur J Immunol** 1984 Dec;14(12):1101-5

Resistance to Marek's disease is controlled by a gene within the B-F region of the chicken major histocompatibility complex in Rous sarcoma regressor or progressor inbred lines of chickens. Plachý J, et al. **Folia Biol (Praha)** 1984;30(4):251-8

Syngeneic lines of chickens. VII. The lines derived from the recombinants at the B complex (MHC) of Rous sarcoma regressor and progressor inbred lines of chickens. Plachý J, et al. **Folia Biol (Praha)** 1984;30(3):189-201

Hierarchy of the B (MHC) haplotypes controlling resistance to rous sarcomas in a model of inbred lines of chickens. Plachý J. **Folia Biol (Praha)** 1984;30(6):412-25

Effect of B-G region of the MHC on skin graft survival in chickens treated by injections of whole blood. Vilhelmová M. **Folia Biol (Praha)** 1984;30(5):358-62

Characterization of two class I major histocompatibility rat cDNA clones, one of which contains a premature termination codon. Kastern W. **Gene** 1985;34(2-3):227-33

Genetic determination of the cytolytic T lymphocyte receptor repertoire. Sherman LA. **Hamatol Bluttransfus** 1985;29:471-6

The HLA system and its relation to disease. McDevitt HO. **Hosp Pract [Off]** 1985 Jul 15;20(7):57-72

Inhibition of anti-class I cytotoxicity by anti-class II monoclonal antibodies (MoAb). II. Blocking of anti-class I CTL clones by anti-DR MoAb. Anichini A, et al. **Hum Immunol** 1985 Jun;13(2):139-43

The major histocompatibility complex of the cynomolgus monkey. II. Polymorphism at three serologically defined loci and correlation of haplotypes with stimulation in MLC and skin graft survival. Keever CA, et al. **Hum Immunol** 1985 Mar;12(3):143-64

The major histocompatibility complex of the cynomolgus monkey: absorption analysis of 24 CyLA antisera. Keever CA, et al. **Hum Immunol** 1985 Feb;12(2):75-90

Transformation of LMTK- cells with purified HLA class I gene. VI. Serological characterization of HLA-B7 and AW24 molecules. Layet C, et al. **Hum Immunol** 1984 Sep;11(1):31-45

HLA class II restriction repertoire of antigen-specific T cells. II. Evidence for a new restriction determinant associated with DRw52 and LB-Q1. Ottenhoff TH, et al. **Hum Immunol** 1985 Jun;13(2):117-23

The thymus in 'bare lymphocyte' syndrome: significance of expression of major histocompatibility complex antigens on thymic epithelial cells in intrathymic T-cell maturation. Schuurman HJ, et al. **Hum Immunol** 1985 Jun;13(2):69-82

Inhibition of anti-class I cytotoxicity by anti-class II monoclonal antibodies (MoAb). I. Blocking of bulk non-DR and non-DQ-directed cytotoxic T cells by MoAb against DR, DQ, and DP. Strassmann G, et al. **Hum Immunol** 1985 Jun;13(2):125-37

Patterns of expression of class I antigens in the tissues of congenic strains of rat. Weinberg WC, et al. **Hybridoma** 1985 Spring;4(1):27-36

Divergent expression of HLA-DC/MB, -DR, and -SB region products on normal and pathological tissues as detected by monoclonal antibodies. Müller C, et al. **Immunobiology** 1985 Apr;169(3):228-49

Major histocompatibility complex-restricted and unrestricted interactions in the T cell-dependent activation of hapten-binding B cells. Pillai PS, et al. **Immunobiology** 1984 May;166(4-5):345-59

Orientation of the loci encoding RT1.B polypeptides in the major histocompatibility complex of the rat. Blankenhorn EP, et al. **Immunogenetics** 1985;21(2):135-42

How polymorphic are class II loci of the mouse H-2 complex? Bukara M, et al. **Immunogenetics** 1985;21(6):569-79

Distribution of alloreactivity among antigen-specific, class II-restricted T-cell clones and hybridomas. Bux E, et al. **Immunogenetics** 1985;22(2):189-92

Restriction fragment length polymorphism of the major histocompatibility complex of the pig. Chardon P, et al. **Immunogenetics** 1985;21(2):161-71

Corticosteroid-induced cleft palate: cis interaction of MHC genes and hybrid resistance. Démant P. **Immunogenetics** 1985;22(2):183-8

Mouse MHC class II gene E beta 2 is closely related to E beta and to HLA-DR beta. Denaro M, et al. **Immunogenetics** 1985;21(6):613-6

DNA polymorphism of the major histocompatibility class I genes and their association with serologically defined haplotypes. Driesel AJ, et al. **Immunogenetics** 1985;21(6):529-38

Identification of class I major histocompatibility complex encoded molecules in the amphibian Xenopus. Flajnik MF, et al. **Immunogenetics** 1984;20(4):433-42

Activation of T lymphocytes results in an increase in H-2-encoded neuraminidase. Landolfi NF, et al. **Immunogenetics** 1985;22(2):159-67

Molecular evidence for five distinct MHC class II alpha genes in the rabbit. LeGuern C, et al. **Immunogenetics** 1985;22(2):141-8

Structure of a functional rabbit class I MHC gene: similarity to human class I genes. Marche PN, et al. **Immunogenetics** 1985;21(1):71-82

Analysis of the B-G antigens of the chicken MHC by two-dimensional gel electrophoresis. Miller MM, et al. **Immunogenetics** 1984;20(4):373-85

Sheep major histocompatibility complex OLA: gene frequencies in two French breeds with scrapie. Evidence for a linkage between OLA and resistance or susceptibility to the disease. Millot P, et al. **Immunogenetics** 1985;21(2):117-23

Major histocompatibility complex of the mole-rat. II. Restriction fragment polymorphism. Nižetić D, et al. **Immunogenetics** 1985;22(1):55-67

Major histocompatibility complex of the mole-rat. I. Serological and biochemical analysis. Nižetić D, et al. **Immunogenetics** 1984;20(4):443-51

T helper and T suppressor cells are restricted by the A and E molecules, respectively, in the F antigen system. Oliveira DB, et al. **Immunogenetics** 1985;22(2):169-75

A monoclonal antibody against chicken MHC class I (B-F) antigens. Pink JR, et al. **Immunogenetics** 1985;21(3):293-7

Occurrence of a unique MHC class I gene in distantly related members of the genus Mus. Siwarski DF, et al. **Immunogenetics** 1985;21(3):267-76

Class I and class II restriction pattern polymorphisms associated with independently derived RT1 haplotypes in inbred rats. Wettstein PJ, et al. **Immunogenetics** 1985;22(1):9-22

T cells, the MHC, and function. Forman J. **Immunol Rev** 1984 Oct;81:203-19 (57 ref.)

Migration inhibition factor secreting human T-cell lines reactive to PPD: a study of their antigen specificity, MHC restriction and the use of Epstein-Barr virus-transformed B-cell lines as requirement for antigen-presenting cells. Vyakarnam A, et al. **Immunology** 1984 Dec;53(4):601-10

H-2-linked genes which modify resistance of C57BL/10 mice to subcutaneous infection with Mycobacterium lepraemurium. Curtis J, et al. **Infect Immun** 1984 Dec;46(3):635-8

Breed and swine lymphocyte antigen haplotype differences in agglutination titers following vaccination with B. bronchiseptica. Rothschild MF, et al. **J Anim Sci** 1984 Sep;59(3):643-9

HLA-A2 antigen phosphorylation in vitro by cyclic AMP-dependent protein kinase. Sites of phosphorylation and segmentation in class i major histocompatibility complex gene structure. Guild BC, et al. **J Biol Chem** 1984 Nov 10;259(21):13504-10

Molecular analysis of the bare lymphocyte syndrome. Sullivan KE, et al. **J Clin Invest** 1985 Jul;76(1):75-9

Restoration of the antibody response to sheep erythrocytes in thymectomized Xenopus implanted with MHC-compatible or MHC-incompatible thymus. Gearing AJ, et al. **J Embryol Exp Morphol** 1984 Dec;84:287-302

Analysis of major histocompatibility complex haplotypes of t-chromosomes reveals that the majority of diversity is generated by recombination. Artzt K, et al. **J Exp Med** 1985 Jul 1;162(1):93-104

Major histocompatibility complex restriction fragment length polymorphisms define three diabetogenic haplotypes in BB and BBN rats. Buse JB, et al. **J Exp Med** 1985 Aug 1;162(2):444-58

Thymus dictates major histocompatibility complex (MHC) specificity and immune response gene phenotype of class II MHC-restricted T cells but not of class I MHC-restricted T cells. Kast WM, et al. **J Exp Med** 1984 Dec 1;160(6):1752-66

Major histocompatibility complex-restricted, polyclonal B cell responses resulting from helper T cell recognition of antiimmunoglobulin presented by small B lymphocytes. Tony HP, et al. **J Exp Med** 1985 Jan 1;161(1):223-41

Linkage of the major histocompatibility (B) complex and the nucleolar organizer in the chicken. Assignment to a microchromosome. Bloom SE, et al. **J Hered** 1985 May-Jun;76(3):146-54

C4*A6BQO: a 'new' C4 haplotype. Skanes V, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):371-4

Studies on the induction and expression of T cell-mediated immunity. XV. Role of non-MHC papain-sensitive target structures and Lyt-2 antigens in allogeneic and xenogeneic lectin-dependent cellular cytotoxicity (LDCC). Bonavida B, et al. **J Immunol** 1985 Sep;135(3):1616-23

Interaction of monoclonal antibodies with MHC class I antigens on mouse spleen cells. II. Levels of expression of H-2K, H-2D, and H-2L in different mouse strains. Dower SK, et al. **J Immunol** 1985 Jan;134(1):431-5

Analysis of the rat major histocompatibility system by Southern blot hybridization. Günther E, et al. **J Immunol** 1985 Feb;134(2):1257-61

Transcriptional regulation of HLA class II and invariant chain genes. Levine F, et al. **J Immunol** 1985 Jan;134(1):637-40

Commentary on the genetic basis for control of I-J determinants. Murphy DB. **J Immunol** 1985 Sep;135(3):1543-7

GVHR elicited by products of class I or class II loci of the MHC: analysis of the response of mouse T lymphocytes to products of class I and class II loci of the MHC in correlation with GVHR-induced mortality, medullary aplasia, and enteropathy. Piguet PF. **J Immunol** 1985 Sep;135(3):1637-43

Demyelination induced by Theiler's virus: influence of the H-2 haplotype. Rodriguez M, et al. **J Immunol** 1985 Sep;135(3):2145-8

Comparison of MHC genes among distantly related members of the genus Mus. Rogers MJ, et al. **J Immunol** 1985 Jan;134(1):630-6

Structure and expression of two porcine genomic clones encoding class I MHC antigens. Satz ML, et al. **J Immunol** 1985 Sep;135(3):2167-75

In vitro mutagenesis of a mouse MHC class I gene for the examination of structure-function relationships. Shiroishi T, et al. **J Immunol** 1985 Jan;134(1):623-9

Interaction of alpha 1 with alpha 2 region in class I MHC proteins contributes determinants recognized by antibodies and cytotoxic T cells. Stroynowski I, et al. **J Immunol** 1985 Sep;135(3):2160-6

Localization of the human MHC-linked complement genes between HLA-B and HLA-DR by using HLA mutant cell lines. Whitehead AS, et al. **J Immunol** 1985 Jan;134(1):641-3

Molecular associations of class II MHC antigens in mitogen-stimulated B cells. Wolfert RL, et al. **J Immunol** 1985 Sep;135(3):1668-73

Genes encoding the T-cell antigen receptor. Mak TW, et al. **J Invest Dermatol** 1985 Jul;85(1 Suppl):107s-109s

Immunohistochemical analysis of human MHC class II antigens in B-cell non-Hodgkin's lymphomas. Krajewski AS, et al. **J Pathol** 1985 Feb;145(2):185-94

Maternal--fetal immune interactions and the maintenance of major histocompatibility complex polymorphism in the rat. Hings I, et al. **J Reprod Immunol** 1985 Jun;7(4):337-50

Major histocompatibility complex regulation of the immune response. Gutmann DH, et al. **J Surg Res** 1985 Aug;39(2):172-81 (88 ref.)

Cyclosporine abrogation of second-set rejection: dependence upon major histocompatibility complex disparity. Schulak JA, et al. **J Surg Res** 1985 Apr;38(4):400-6

Immunobiological function of trophoblast to circulating maternal IgG antibodies; antibodies to major transplantation antigens. Morisada M. **Keio J Med** 1984 May;33(2):99-110

Beta 2-microglobulin. Appella E, et al. **Methods Enzymol** 1984;108:494-504

Isolation and analysis of the murine Ia molecular complex. Cullen SE. **Methods Enzymol** 1984;108:523-48

Use of monoclonal antibodies in the study of the fine specificity of antigens coded for by the major histocompatibility complex in mice. Flaherty L, et al. **Methods Enzymol** 1984;108:481-94

Molecules encoded within the murine major histocompatibility complex: an overview. Maloy WL, et al. **Methods Enzymol** 1984;108:437-52

Structural analysis of murine Class I major histocompatibility complex antigens. Nairn R. **Methods Enzymol** 1984;108:505-22

Complement polymorphism, the major histocompatibility complex and associated diseases: a speculation. Porter RR. **Mol Biol Med** 1983 Jul;1(1):161-8

Biochemical characterization of a p43,12 complex: comparison with human and murine class I molecules. Bushkin Y, et al. **Mol Immunol** 1985 Jun;22(6):695-703

Hypothesis: the MHC-restricted T-cell receptor as a structure with two multistate allosteric combining sites. Cleveland WL, et al. **Mol Immunol** 1984 Nov;21(11):1037-46

Immunoglobulin-like nature of the alpha-chain of a human T-cell antigen/MHC receptor. Hannum CH, et al. **Nature** 1984 Nov 1-7;312(5989):65-7

Molecular basis of tumour spread [news] Hart IR. **Nature** 1985 May 23-29;315(6017):274-5

Expression of the T-cell-specific gamma gene is unnecessary in T cells recognizing class II MHC determinants. Heilig JS, et al. **Nature** 1985 Sep 5-11;317(6032):68-70

Rejection of transplantable AKR leukaemia cells following MHC DNA-mediated cell transformation. Hui K, et al. **Nature** 1984 Oct 25-31;311(5988):750-2

Epithelial cells expressing aberrant MHC class II determinants can present antigen to cloned human T cells. Londei M, et al. **Nature** 1984 Dec 13-19;312(5995):639-41

Activation of major histocompatibility complex class I mRNA containing an Alu-like repeat in polyoma virus-transformed rat cells. Majello B, et al. **Nature** 1985

Apr 4-10;314(6010):457-9

Increased MHC H-2K gene transcription in cultured mouse embryo cells after adenovirus infection. Rosenthal A, et al. **Nature** 1985 Jun 13-19;315(6020):579-81

I-J as an idiotype of the recognition component of antigen-specific suppressor T-cell factor. Sumida T, et al. **Nature** 1985 Aug 22-28;316(6030):738-41

I-J epitopes are adaptively acquired by T cells differentiated in the chimaeric condition. Uracz W, et al. **Nature** 1985 Aug 22-28;316(6030):741-3

Susceptibility to murine lymphocytic choriomeningitis maps to class I MHC genes--a model for MHC/disease associations. Zinkernagel RM, et al. **Nature** 1985 Aug 29-Sep 4;316(6031):814-7

Expression of the MHC class III genes. Colten HR. **Philos Trans R Soc Lond [Biol]** 1984 Sep 6;306(1129):355-66 (63 ref.)

Experimental ultraviolet radiation carcinogenesis: I. Relationship of the major histocompatibility complex to tumor latency and immunogenecity. Roberts LK, et al. **Photodermatol** 1984 Apr;1(2):57-64

Comparison of the major histocompatibility antigen on Marek's disease-derived cell lines detected by membrane fluorescent antibody, cytotoxicity, and lymphoagglutination tests. Higashihara T, et al. **Poult Sci** 1985 May;64(5):877-81

DNA sequence and characterization of human class II major histocompatibility complex beta chains from the DR1 haplotype. Bell JI, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3405-9

Mapping of steroid 21-hydroxylase genes adjacent to complement component C4 genes in HLA, the major histocompatibility complex in man. Carroll MC, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):521-5

Evidence that major histocompatibility complex restriction of foreign transplantation antigens occurs when tolerance is induced in neonatal mice and rats. Desquenne-Clark L, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6265-7

Expression of histocompatibility antigens H-2K, -D, and -L is reduced in adenovirus-12-transformed mouse cells and is restored by interferon gamma. Eager KB, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5525-9

Evolution of mouse major histocompatibility complex genes borne by t chromosomes. Figueroa F, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2819-23

Characterization of a Q subregion gene in the murine major histocompatibility complex. Flaherty L, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1503-7

Mitochondrial modulation of maternally transmitted antigen: analysis of cell hybrids. Huston MM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3286-90

Deletion mapping of HLA and chromosome 6p genes. Levine F, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3741-5

Bone marrow-derived thymic antigen-presenting cells determine self-recognition of Ia-restricted T lymphocytes. Longo DL, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5900-4

Structure and expression of genes encoding murine Qa-2 class I antigens. Mellor AL, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5920-4

Evidence that polymorphism in the murine major histocompatibility complex may be generated by the assortment of subgene sequences. Miyada CG, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2890-4

Nucleotide sequence of an HLA-DQ alpha chain derived from a DRw9 cell line: genetic and evolutionary implications. Moriuchi J, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3420-4

Gene organization of DC and DX subregions of the human major histocompatibility complex. Okada K, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3410-4

Identification of a unique tumor-specific antigen as a novel class I major histocompatibility molecule. Philipps C, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5140-4

Intron sequences reveal evolutionary relationships among major histocompatibility complex class I genes. Ronne H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5860-4

Expression in L cells of transfected class I genes from the mouse major histocompatibility complex. Schepart BS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5505-9

Role of a disulfide bridge in the immune function of major histocompatibility class I antigen as studied by in vitro mutagenesis. Shiroishi T, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7544-8

Structural organization of the DR subregion of the human major histocompatibility complex. Spies T, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5165-9

Expression of hybrid class I genes of the major histocompatibility complex in mouse L cells. Straus DS, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6245-9

Antigen presentation by murine and human cells to a murine T-cell hybridoma: demonstration of a restriction element associated with a major histocompatibility complex class II determinant(s) shared by both species. Waters SJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7559-63

The I region of the C57BL/10 mouse: characterization and physical linkage to H-2K of an SB beta-like class II pseudogene, psi A beta 3. Widera G, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5500-4

Functional capacity of solid tissue transplants in the brain: evidence for immunological privilege. Head JR, et al. **Proc R Soc Lond [Biol]** 1985 Mar [illegible]

Dexamethasone-induced phospholipase A2-inhibitory proteins (PLIP) influenced by the H-2 histocompatibility region. Gupta C, et al. **Proc Soc Exp Biol Med** 1985 Jan; 178(1):29-35

The possible role of class II major histocompatibility complex antigens in self tolerance. Mason DW. **Scand J Immunol** 1985 May;21(5):397-400 (23 ref.)

The chemosensory recognition of genetic individuality. Beauchamp GK, et al. **Sci Am** 1985 Jul;253(1):86-92

Expression of a microinjected porcine class I major histocompatibility complex gene in transgenic mice. Frels WI, et al. **Science** 1985 May 3;228(4699):577-80

Functional insertion of an Alu type 2 (B2 SINE) repetitive sequence in murine class I genes. Kress M, et al. **Science** 1984 Nov 23;226(4677):974-7

Genetic basis for species vulnerability in the cheetah. O'Brien SJ, et al. **Science** 1985 Mar 22;227(4693):1428-34

Reversal of oncogenesis by the expression of a major histocompatibility complex class I gene. Tanaka K, et al. **Science** 1985 Apr 5;228(4695):26-30

Recognition of HLA-A2 by cytotoxic T lymphocytes after DNA transfer into human and murine cells. van de Rijn M, et al. **Science** 1984 Nov 30;226(4678):1083-5

Acquisition of MHC-restriction specificities: role of thymic stromal cells. Kruisbeek AM, et al. **Surv Immunol Res** 1985; 4(2):110-9 (34 ref.)

Cell-mediated cytotoxicity toward class I and class II antigens on canine T and B lymphoblasts. Buurman WA, et al. **Tissue Antigens** 1984 Jul;24(1):48-57

Analysis of chickens for recombination within the MHC (B-complex). Skjødt K, et al. **Tissue Antigens** 1985 May; 25(5):278-82

Alloantigenic systems in the rat. Fifth International Workshop. Montreal, Quebec, Canada, Aug 22-24, 1984. **Transplant Proc** 1985 Jun;17(3):1793-934

Transplantation. Molecular biology and function. **Transplant Proc** 1985 Feb;17(1 Pt 2):935-1011

T lymphocyte function in vivo. Ambivalence of the class I MHC antigen-reactive subset. Hodgkin PD, et al. **Transplantation** 1985 Sep;40(3):288-92

Synergism between minor and major histocompatibility antigens in the rejection of cultured allografts. La Rosa FG, et al. **Transplantation** 1985 May;39(5):480-5

Recognition of target cell determinants associated with DLA-D-locus-encoded antigens by canine cytotoxic lymphocytes. Raff RF, et al. **Transplantation** 1985 Sep; 40(3):323-8

Altered distribution of class I and class II MHC antigens during acute pancreas allograft rejection in the rat. Steiniger B, et al. **Transplantation** 1985 Sep;40(3):234-9

The effect of RT1 subregion differences on liver allograft survival in the rat. Tsuchimoto S, et al. **Transplantation** 1985 Aug;40(2):218-20

Rabbit antipeptide antibodies against restricted domains of the histocompatibility complex. Chersi A, et al. **Z Naturforsch [C]** 1984 Jun;39(6):646-51

[The human major histocompatibility complex or HLA complex] Lemonnier FA. **Biochimie** 1985 Jan;67(1):XI-XV (29 ref.) **(Fre)**

[Therapy of systemic lupus erythematosus--studies using disease models. 1. The effect of MHC on lupus nephritis in (NZB x NZW)F1--a therapeutic suggestion] Sato H, et al. **Nippon Rinsho** 1984 Dec;42(12):2791-5 **(Jpn)**

MALABSORPTION SYNDROMES

see related
INTESTINAL ABSORPTION

Short bowel syndrome in infants and children. Schwartz MZ, et al. **Pediatr Clin North Am** 1985 Oct;32(5):1265-79 (85 ref.)

BLOOD

Plasma apolipoprotein A-IV levels decrease in patients with chronic pancreatitis and malabsorption syndrome. Koga S, et al. **Digestion** 1985;32(1):19-24

Endocrine profile in rats with postgastrectomy malabsorption: a pilot study. Kishimoto S, et al. **Hiroshima J Med Sci** 1985 Jun;34(2):209-13

Sodium homeostasis after small-bowel resection. Ladefoged K, et al. **Scand J Gastroenterol** 1985 Apr;20(3):361-9

[Vitamin D metabolism in children with malabsorption syndrome] Goncerzewicz M, et al. **Klin Padiatr** 1985 Jan-Feb;197(1):30-4 (Eng. Abstr.) **(Ger)**

[Hypergastrinemia in liver cirrhosis, renal failure and conditions after small-intestinal resection as a pathogenetic factor in peptic ulcer] Hrynkiewicz Z. **Wiad Lek** 1984 Apr 15;37(8):625-30 (35 ref.) (Eng. Abstr.) **(Pol)**

CHEMICALLY INDUCED

Drug and vitamin interactions in adults. Basu TK. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:157-68

COMPLICATIONS

Necrolytic migratory erythema-like dermatitis with malabsorption. Ranchoff RE, et al. **Cleve Clin Q** 1985 Spring;52(1):81-5

Prurigo nodularis associated with malabsorption. Suarez C, et al. **Dermatologica** 1984;169(4):211-4

[illegible] caused by the products of bacterial metabolism [illegible]

Eur J Pediatr 1985 May;144(1):63-5

Incidence and duration of lactose malabsorption in children hospitalized with acute enteritis: study in a well-nourished urban population. Davidson GP, et al. **J Pediatr** 1984 Oct; 105(4):587-90

Beneficial effects of fasting and low carbohydrate diet in D-lactic acidosis associated with short-bowel syndrome. Ramakrishnan T, et al. **JPEN J Parenter Enteral Nutr** 1985 May-Jun;9(3):361-3

Late onset haemorrhagic disease of newborn with temporary malabsorption of vitamin K1 [letter] von Kries R, et al. **Lancet** 1985 May 4;1(8436):1035

Neurologic disorder of vitamin E deficiency in acquired intestinal malabsorption. Weder B, et al. **Neurology** 1984 Dec;34(12):1561-5

[Cutaneous manifestations of the malabsorption syndrome] Bianchi CA, et al. **Med Cutan Iber Lat Am** 1984; 12(3):227-35 (21 ref.) (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Selective vitamin B12 malabsorption without anaemia but with profound failure to thrive. Auchterlonie IA, et al. **Acta Paediatr Scand** 1985 May;74(3):469-71

Carbohydrate malabsorption in infants with diarrhea: diagnostic and evolutive aspects. Maffei HV, et al. **Arq Gastroenterol** 1984 Jul-Sep;21(3):136-42

Is bile acid malabsorption underdiagnosed? An evaluation of accuracy of diagnosis by measurement of SeHCAT retention. Merrick MV, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):665-8

A modified D-xylose absorption test. Weiner R, et al. **Infusionsther Klin Ernahr** 1984 Dec;11(6):333-7

The serum 14C-triolein/3H-oleic acid assimilation test for differential diagnosis of maldigestion and malabsorption. Thorsgaard Pedersen N. **Scand J Gastroenterol** 1985 Aug; 20(6):684-90

[Congenital deficit of intrinsic factor. Diagnostic problems apropos of 2 cases] Giorno JL, et al. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):277-80 (Eng. Abstr.) **(Fre)**

[Physiopathologic approach to the diagnosis of malabsorption syndromes] Desbaillets L. **Rev Med Suisse Romande** 1985 Apr;105(4):297-302 **(Fre)**

[Clinical evaluation of the D-xylose test] Chatti N, et al. **Union Med Can** 1985 Jan;114(1):60-62, 64 (Eng. Abstr.) **(Fre)**

[Differential diagnosis of the malabsorption syndrome] Schaarschuh S, et al. **Z Gesamte Inn Med** 1985 May 15; 40(10):302-4 (Eng. Abstr.) **(Ger)**

[Xylose test. Anatomoclinical correlations] López-Manzanara Gallardo MC, et al. **An Esp Pediatr** 1984 Nov 30;21(8):732-8 (Eng. Abstr.) **(Spa)**

DIET THERAPY

Alleviation of lactose malabsorption from sweet acidophilus milk [letter] McDonough FE, et al. **Am J Clin Nutr** 1985 Aug;42(2):345-6

Combined oral and home parenteral nutrition for the short bowel syndrome. Nuutinen LS, et al. **Ann Chir Gynaecol** 1985;74(1):32-5

Short bowel syndrome: a case report and literature review. Sheil O, et al. **Ir J Med Sci** 1985 Feb;154(2):80-2

[Dietary therapy of malabsorption conditions] Kouřim J, et al. **Cesk Pediatr** 1985 Jan;40(1):44-5 **(Cze)**

DRUG THERAPY

Effect of ranitidine on gastric acid hypersecretion in an infant with short bowel syndrome. Hyman PE, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):316-9

ENZYMOLOGY

Biochemical quantification of crypt hyperplastic villous atrophy by aldolase activity assay. Bender SW, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):506-9

Lactose malabsorption [letter] Cooper BT. **Lancet** 1985 Feb 23;1(8426):465

ETIOLOGY

Malabsorption and mucosal abnormalities of the small intestine in the acquired immunodeficiency syndrome. Gillin JS, et al. **Ann Intern Med** 1985 May;102(5):619-22

Diarrhoea and malabsorption in acquired immune deficiency syndrome: a study of four cases with special emphasis on opportunistic protozoan infestations. Modigliani R, et al. **Gut** 1985 Feb;26(2):179-87

Iron malabsorption in giardiasis. De Vizia B, et al. **J Pediatr** 1985 Jul;107(1):75-8

Sequelae of gangrene of the ileum in childhood. Ibrahim N, et al. **Med J Aust** 1985 Apr 1;142(7):411-2

Nutritional implications of inflammatory bowel disease. Heatley RV. **Scand J Gastroenterol** 1984 Nov;19(8):995-8

Post-infective malabsorption in the temperate zone Montgomery RD, et al. **Trans R Soc Trop Med Hyg** 1985; 79(3):322-7

[Malabsorption in lambliasis] Wielenga JJ, et al. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2250-2 (Eng. Abstr.) **(Dut)**

[Metabolic disorders following stomach bypass operations for extreme obesity. Animal experiment study] Breucha G, et al. **Helv Chir Acta** 1985 Jan;51(6):715-20 (Eng. Abstr.)

(Ger)

[Malabsorption syndrome--a review of its definition, pathogenesis and diagnosis--1] Beyreiss K. **Kinderarztl Prax** 1985 Apr;53(4):155-66 (Eng. Abstr.) **(Ger)**

[Malabsorption syndrome--review of definition, pathogenesis and diagnosis. 2] Beyreiss K. **Kinderarztl Prax** 1985 May; 53(5):219-28 (Eng. Abstr.) **(Ger)**

[Massive resections of the small intestine: methods and possibility of functional compensation] Campana FP, et al. **Ann Ital Chir** 1985;57(1):13-32 (Eng. Abstr.) **(Ita)**

[Esophago-gastro-enteric manifestations of scleroderma. Apropos of a clinical case] Modena S, et al. **Chir Ital** 1983 Apr;35(2):216-20 (Eng. Abstr.) **(Ita)**

[Malabsorption syndrome secondary to celiac disease in an adult. Presentation of a case] Corti PR, et al. **Clin Ter** 1985 Feb 15;112(3):261-5 (Eng. Abstr.) **(Ita)**

[Educational lecture on diarrhea and malabsorption syndrome] Ishikawa M. **Nippon Naika Gakkai Zasshi** 1985 Jan;74(1):1-6 (17 ref.) **(Jpn)**

[Intestinal malabsorption syndrome as the presenting form of chronic intestinal ischemia (letter)] Fernández J, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):504-5 **(Spa)**

[Short bowel syndrome. A clinical case] Clerigue Lozano A, et al. **Rev Esp Enferm Apar Dig** 1985 Apr;67(4):352-6 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Absent ileal uptake of IF-bound vitamin B12 in vivo in the Imerslund-Grasbeck syndrome (familial vitamin B12 malabsorption with proteinuria). Burman JF, et al. **Gut** 1985 Mar;26(3):311-4

Familial vitamin B12 malabsorption. **Nutr Rev** 1985 Apr; 43(4):112-3

[Systems of membrane transport, genetics and nutrition; the example of congenital anomalies of intestinal transport in children] Desjeux JF, et al. **Reprod Nutr Dev** 1984; 24(5B):785-92 (Eng. Abstr.) **(Fre)**

[Dissociated deficiency in immunoglobulins. Apropos of a familial case of IgA-IgM deficiency with malabsorption and lymphoid nodular dystrophy] Sakka T, et al. **Tunis Med** 1985 Feb;63(2):99-104 (Eng. Abstr.) **(Fre)**

METABOLISM

Dietary fiber in pancreatic disease: effect of high fiber diet on fat malabsorption in pancreatic insufficiency and in vitro study of the interaction of dietary fiber with pancreatic enzymes. Dutta SK, et al. **Am J Clin Nutr** 1985 Mar; 41(3):517-25

Iron, zinc, and copper balance in short bowel patients on oral nutrition. Engels LG, et al. **Am J Clin Nutr** 1984 Nov; 40(5):1038-41

Study of the bioavailability of pindolol in malabsorption syndromes. Evard D, et al. **Br J Clin Pharmacol** 1984 Oct; 18(4):632-7

Warfarin absorption in a patient with short-bowel syndrome. Lehman ME, et al. **Clin Pharm** 1985 May-Jun;4(3):325-6

Simultaneous assessment of fat maldigestion and fat malabsorption by a double-isotope method using fecal radioactivity. Thorsgaard Pedersen N, et al. **Gastroenterology** 1985 Jan;88(1 Pt 1):47-54

Gastric acid secretion and gastrin production in the short bowel syndrome. Williams NS, et al. **Gut** 1985 Sep; 26(9):914-9

Zinc metabolism in malabsorption syndromes. McClain CJ. **J Am Coll Nutr** 1985;4(1):49-64 (71 ref.)

Apolipoprotein B-100 deficiency. Intestinal steatosis despite apolipoprotein B-48 synthesis. Herbert PN, et al. **J Clin Invest** 1985 Aug;76(2):403-12

Short bowel syndrome. Experiences in eight patients. Engels LG, et al. **Neth J Med** 1984;27(8):275-82

The bioavailability of ibuprofen (Polfa) dragées for rabbits with malabsorption syndrome experimentally caused by neomycin. Wojdak H. **Pharmazie** 1984 Dec;39(12):853-4

[The evaluation of the nutritional condition and the absorptive capacity in long-term follow-up of infants with short bowel syndrome] Ohkohchi N, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):762-9 (Eng. Abstr.) **(Jpn)**

[Abnormal membrane transport in brush border disease. b. Intestinal absorption disorders] Hosoda S, et al. **Nippon Rinsho** 1985 Apr;43(4):804-7 **(Jpn)**

MICROBIOLOGY

Mechanisms of malabsorption in the 'Contaminated Small-Bowel syndrome'. Gracey M. **Nahrung** 1984; 28(6-7):659-66

[Detection of rotavirus in patients with malabsorption] Fiehring C, et al. **Nahrung** 1984;28(6-7):679-81 (Eng. Abstr.) **(Ger)**

MORTALITY

Morbidity and mortality of short-bowel syndrome acquired in infancy: an update. Cooper A, et al. **J Pediatr Surg** 1984 Dec;19(6):711-8

PATHOLOGY

[Small-intestine biopsy in childhood] Henker J, et al. **Kinderarztl Prax** 1984 Nov;52(11):488-98 (Eng. Abstr.) **(Ger)**

[Classification problems and differential histologic diagnosis in malabsorption syndrome in childhood] Wiedersberg H, et al. **Pathologe** 1984 May;5(3):128-33 **(Ger)**

[Clinical and diagnostic aspects of the pathology of the small intestine] Tittobello A. **Radiol Med (Torino)** 1984 Apr; 70(4):195-200 **(Ita)**

PHYSIOPATHOLOGY

Sucrose-isomaltose malabsorption. Gudmand-Høyer E, et al. **Adv Nutr Res** 1984;6:233-69 (240 ref.)

Functional loss of the ileum: consequences and management. Jett MF, et al. **Nurse Pract** 1984 Nov;9(11):24, 29-30, 32-4

[Deficit of intestinal absorption in the short bowel syndrome] Serrano Sánchez PA, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):134-41 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

Treatment with high-dose oral vitamin D2 in patients with jejunoileal bypass for morbid obesity. Effects on calcium and magnesium metabolism, vitamin D metabolites, and faecal lag time. Charles P, et al. **Scand J Gastroenterol** 1984 Nov;19(8):1031-8

RADIOGRAPHY

Roentgenology and malabsorption syndromes [letter] Smith DS. **Pediatrics** 1985 Jul;76(1):140-1

Radiologic manifestations of malabsorption: a nonspecific finding. Weizman Z, et al. **Pediatrics** 1984 Oct;74(4):530-3

[Radiologic examination in the malabsorption syndrome] Castagnone D, et al. **Radiol Med (Torino)** 1984 Apr; 70(4):208-15 **(Ita)**

SURGERY

Intestinal tapering and lengthening for short bowel syndrome. Thompson JS, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):495-7

Colon interposition: an adjuvant operation for short-gut syndrome. Glick PL, et al. **J Pediatr Surg** 1984 Dec; 19(6):719-25

Surgical therapy for the short bowel syndrome. Thompson JS. **J Surg Res** 1985 Jul;39(1):81-91 (105 ref.)

Lengthening of baby gut [editorial] **Lancet** 1985 Feb 23; 1(8426):440

Lengthening a baby's gut [letter] Bianchi A. **Lancet** 1985 Apr 6;1(8432):819

[Short bowel syndrome in children] Zaika VA. **Klin Khir** 1985;(6):60-3 (51 ref.) **(Rus)**

THERAPY

Compensatory enteral hyperalimentation for management of patients with severe short bowel syndrome. Cosnes J, et al. **Am J Clin Nutr** 1985 May;41(5):1002-9

Intravenous immune globulin therapy. Treatment of a patient with severe immunodeficiency, chronic malabsorption, and fulminant septicemia. Gonzalez EB, et al. **Arch Intern Med** 1985 May;145(5):945-6

Management of maldigestion associated with pancreatic insufficiency. Perry RS, et al. **Clin Pharm** 1985 Mar-Apr; 4(2):161-9

Effective use of total parenteral nutrition in an ileostomy patient. Iles M. **J Am Diet Assoc** 1984 Nov;84(11):1324-8

Distal ileostomy drip feedings in neonates with short bowel syndrome. Puppala BL, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):489-94

The use of the World Health Organization's oral rehydration solution in patients on home parenteral nutrition. MacMahon RA. **JPEN** 1984 Nov-Dec;8(6):720-1

Tube feeding of infants and children. Moore MC, et al. **Pediatr Clin North Am** 1985 Apr;32(2):401-17 (51 ref.)

Tenckhoff catheter administration of intraperitoneal fluid and electrolytes for long-term management of intractable ileostomy diarrhea: a case report. August DA, et al. **Surgery** 1985 Feb;97(2):237-41

Percutaneous inferior vena cava cannulation for long-term parenteral nutrition. Kenney PR, et al. **Surgery** 1985 May; 97(5):602-5

Enteral and parenteral nutrition in the short bowel syndrome in children. Ricour C, et al. **World J Surg** 1985 Apr; 9(2):310-5

[Prolonged parenteral feeding at home for malabsorption secondary to total villous atrophy in hypogammaglobulinemia (letter)] Messing B, et al. **Gastroenterol Clin Biol** 1985 Mar;9(3):272-3 **(Fre)**

[The short bowel syndrome] Kapstad L, et al. **Tidsskr Nor Laegeforen** 1984 Oct 10;104(28):1964-7 (Eng. Abstr.) **(Nor)**

VETERINARY

Exacerbative effect of vitamin A on malabsorption syndrome in chicks. Veltmann JR Jr, et al. **Avian Dis** 1985 Apr-Jun; 29(2):446-56

Pancreatic adenocarcinoma in a dog with a maldigestion syndrome. Bright JM. **J Am Vet Med Assoc** 1985 Aug 15; 187(4):420-1

Villus atrophy and malabsorption in a rhesus monkey. Harris RL, et al. **Lab Anim Sci** 1984 Dec;34(6):610-3

Factors related to the incidence of the malabsorption syndrome. Winstead CS, et al. **Poult Sci** 1985 Mar; 64(3):499-501

MALACOPLAKIA

COMPLICATIONS

Renal malakoplakia and systemic lupus erythematosus [letter] Varga J. **Arthritis Rheum** 1985 Feb;28(2):237

Colonic malacoplakia and abdominal tuberculosis in a child. Report of a case with review of the literature. Satti MB, et al. **Dis Colon Rectum** 1985 May;28(5):353-7

Malacoplakia associated with vesicoureteral reflux and selective immunoglobulin A deficiency. Witherington R, et al. **J Urol** 1984 Nov;132(5):975-7

DIAGNOSIS

Role of fine needle aspiration biopsy in the diagnosis and management of malacoplakia. Akhtar M, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):457-60

Two cases of malakoplakia of the prostate. Klaaborg KE, et al. **Eur Urol** 1985;11(2):137-8

[Renal malacoplakia diagnosed by urinary cytology] Ballesteros JJ, et al. **Actas Urol Esp** 1985 Mar-Apr; 9(2):179-82 (Eng. Abstr.) **(Spa)**

[Malacoplakia of the colon and rectum] López Rivas L, et al. **Rev Clin Esp** 1985 Mar;176(4):204-6 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Medical management of bilateral renal malakoplakia. Charney EB, et al. **Arch Dis Child** 1985 Mar;60(3):254-6

[Colonic malacoplakia: use of bethanechol] Nieto-Zermeño J, et al. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):369-73 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Malakoplakia in a renal allograft. Barker TH. **Br J Urol** 1984 Oct;56(5):549-50

[Malakoplakia] Debré B, et al. **Ann Urol (Paris)** 1984 Feb; 18(1):6-12 (Eng. Abstr.) **(Fre)**

[Bladder malacoplakia and renal carcinoma] Llopis B, et al. **Actas Urol Esp** 1985 Jan-Feb;9(1):99-102 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Malakoplakia and immunosuppressive therapy. Reversal of clinical and leukocyte abnormalities after withdrawal of prednisone and azathioprine. Biggar WD, et al. **Am J Pathol** 1985 Apr;119(1):5-11

[Immunohistochemical localization of the bacterial antigen in the malacoplakia of the urinary bladder] Deguchi T, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 May; 75(5):772-7 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Malacoplakia of the cecum: report of a case. César Peres L, et al. **Acta Med Port** 1984 Sep-Oct;5(9-10):281-3

Malakoplakia of the maxillary sinus. Nistal M, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):117-21

Malakoplakia of the pelvic peritoneum in pregnancy. Case report. Rose G, et al. **Br J Obstet Gynaecol** 1985 Feb; 92(2):170-2

Malacoplakia of the urinary tract (a case report and review of the literature). Elem B, et al. **Cent Afr J Med** 1985 Mar; 31(3):53-5

Gastrointestinal malacoplakia in children. Harfi HA, et al. **Clin Pediatr (Phila)** 1985 Aug;24(8):423-8

Colonic malacoplakia. Radin DR, et al. **Gastrointest Radiol** 1984;9(4):359-61

Malakoplakia of genitourinary system (a report of four cases). Banerjee AK, et al. **Indian J Pathol Microbiol** 1984 Apr; 27(2):117-20

Malakoplakia of the female genital tract. Chen KT, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):84S-87S

Malakoplakia of the gastrointestinal tract: report of cases seen in Papua New Guinea with review of literature. SenGupta SK, et al. **Papua New Guinea Med J** 1985 Mar;28(1):23-6

Intestinal malakoplakia in childhood: case report and review of literature. Perez-Atayde AR, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):337-43

Malakoplakia and malakoplakialike lesions of the upper gastrointestinal tract. Flint A, et al. **Ultrastruct Pathol** 1984; 7(2-3):167-76

Prostatic malacoplakia. Matsumoto T, et al. **Urol Int** 1985; 40(1):10-2

Malakoplakia of urinary bladder following cadaveric renal transplantation. Deguchi T, et al. **Urology** 1985 Jul; 26(1):92-4

[A case of vesical malacoplakia] Kohda N, et al. **Hinyokika Kiyo** 1984 Dec;30(12):1835-42 (Eng. Abstr.) **(Jpn)**

[Multichamber pseudocyst of the liver with malacoplakia] Moldavskii MI, et al. **Klin Khir** 1984 Sep;(9):64-5 **(Rus)**

RADIOGRAPHY

Computed tomography and ultrasound appearance of bladder malacoplakia. Vas W, et al. **J Comput Tomogr** 1985 Apr; 9(2):119-23

Retroperitoneal malacoplakia. Radin DR, et al. **Urol Radiol** 1984;6(3-4):218-20

VETERINARY

Systemic malacoplakia in a breeding pig. Taniyama H, et al. **J Comp Pathol** 1985 Jan;95(1):79-85

MALAR BONE see ZYGOMA

MALARIA

Heterogeneities of the malaria vectorial system in tropical Africa and their significance in malaria epidemiology and control. Coluzzi M. **Bull WHO** 1984;62 Suppl:107-13

Screening procedure using chicks infected with the sporozoites of Plasmodium gallinaceum in an antimalarial drug development programme. Kinnamon KE, et al. **Bull WHO** 1985;63(1):119-23

Clinical pattern and therapeutic evaluation of falciparum malaria in Tanzanian children. Asha Bai PV. **Indian J Pediatr** 1984 Nov-Dec;51(413):659-60

Plasmodium falciparum malaria and acute fulminant hepatitis. Gupta OK, et al. **J Assoc Physicians India** 1984 Oct; 32(10):921

Malaria in childhood [editorial] Ebrahim GJ. **J Trop Pediatr** 1984 Aug;30(4):194-5

Malaria. Randall G, et al. **Pediatr Clin North Am** 1985 Aug; 32(4):893-916 (56 ref.)

Cytogenetic studies of some species complexes of Anopheles in Thailand and Southeast Asia. Baimai V, et al. **Southeast Asian J Trop Med Public Health** 1984 Dec; 15(4):536-46

[Clinical observations on 196 cases of falciparum malaria in Benin, West Africa] Sun RJ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):219 **(Chi)**

[Malaria and pregnancy] Bianchi L, et al. **Ann Ostet Ginecol Med Perinat** 1984 Jul-Aug; 105(4):246-52 (Eng. Abstr.) **(Ita)**

BLOOD

Ultrastructural alterations of human red blood cells infected by Plasmodium vivax. Djaldetti M, et al. **Acta Haematol (Basel)** 1984;72(2):121-7

Binding of quinine to plasma proteins in falciparum malaria. Silamut K, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):681-6

Relationships of Schistosoma hematobium, hookworm and malarial infections and metrifonate treatment to hemoglobin level in Kenyan school children. Stephenson LS, et al. **Am J Trop Med Hyg** 1985 May;34(3):519-28

Source of serum ferritin in malaria [letter] Oppenheimer SJ, et al. **Ann Trop Paediatr** 1984 Dec;4(4):251

Chloroquine uptake by Plasmodium falciparum-infected human erythrocytes during in vitro culture and its relationship to chloroquine resistance. Verdier F, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):561-4

Erythrocyte invasion by malaria (Plasmodium falciparum) merozoites: recent advances in the evaluation of receptor sites. Hermentin P, et al. **Behring Inst Mitt** 1984 Nov; (76):121-41 (69 ref.)

Polyamine levels and the activity of their biosynthetic enzymes in human erythrocytes infected with the malarial parasite, Plasmodium falciparum. Assaraf YG, et al. **Biochem J** 1984 Sep 15;222(3):815-9

A study of the uptake of chloroquine in malaria-infected erythrocytes. High and low affinity uptake and the influence of glucose and its analogues. Diribe CO, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3019-27

Identification of the acidic compartment of Plasmodium falciparum-infected human erythrocytes as the target of the antimalarial drug chloroquine. Yayon A, et al. **EMBO J** 1984 Nov;3(11):2695-700

Changes in concentration of lymphocytes subpopulations in Rhesus monkey during Plasmodium knowlesi infection and in drug-cured immune monkeys. Sharma P, et al. **Indian J Malariol** 1984 Jun;21(1):31-6

Serum immunoglobulins in malaria. A preliminary report. Sharma SK, et al. **J Assoc Physicians India** 1985 Apr; 33(4):280-1

Receptors on red cells for Plasmodium falciparum and their interaction with merozoites. Pasvol G. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):189-200 (50 ref.)

Membrane knobs are required for the microcirculatory obstruction induced by Plasmodium falciparum-infected erythrocytes. Raventos-Suarez C, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3829-33

Antimalarial red cells. Eaton JW, et al. **Prog Clin Biol Res** 1984;165:395-412 (56 ref.)

Erythrocyte membrane receptor for Plasmodium falciparum. Olson JA. **Prog Clin Biol Res** 1984;165:343-59

Adenosine deaminase in malaria infected erythrocytes: unique parasite enzyme presents a new therapeutic target. Wiesmann WP, et al. **Prog Clin Biol Res** 1984;165:325-42

Blood changes and enhanced thromboxane and 6-keto prostaglandin F1 alpha production in experimental acute Plasmodium bergei infection in hamsters. Essien EM, et al. **Thromb Haemost** 1984 Jul 29;51(3):362-5

Serum C-reactive protein levels and falciparum malaria. Naik P, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):812-3

The effect of persistent malarial infections on haemoglobin A2 levels in Liberian children. Willcox MC, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):242-4

Plasmodium berghei: the influence of blood volume changes on the malaria-induced anemia in Balb/C mice. McGuire RW Jr, et al. **Z Parasitenkd** 1985;71(3):305-12

[Disorders of the erythrocyte oxidation state in Plasmodium falciparum malaria treated with chloroquine (letter)] Dupouy-Camet J, et al. **Presse Med** 1985 Apr 27; 14(17):979-80 **(Fre)**

[Severe drop in plasma fibronectin in severe forms of Plasmodium falciparum malaria (letter)] Soulier JP, et al. **Presse Med** 1985 May 25;14(21):1199-200 **(Fre)**

[Free sulfhydryl groups in the serum of patients with parasitic diseases, analyzed by the Ellman method] Tkacz B, et al. **Wiad Parazytol** 1984;30(4):445-51 (Eng. Abstr.) **(Pol)**

CEREBROSPINAL FLUID

Pathophysiological and prognostic significance of cerebrospinal-fluid lactate in cerebral malaria. White NJ, et al. **Lancet** 1985 Apr 6;1(8432):776-8

COMPLICATIONS

The significance of retinal hemorrhage in cerebral malaria [letter] Davis MW. **Am J Trop Med Hyg** 1984 Nov; 33(6):1287-8

Vascular occlusion and disseminated intravascular coagulation in falciparum malaria. Mohanty D, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):115-6

The influence of malaria and gestation on the immune response to one and two doses of adsorbed tetanus toxoid in pregnancy. Brabin BJ, et al. **Bull WHO** 1984; 62(6):919-30

Interactions between oral contraceptives and malaria infections in rhesus monkeys. Dutta GP, et al. **Bull WHO** 1984;62(6):931-9

The nephrotic syndrome in Uganda and its association with quartan malaria. **Cent Afr J Med** 1968 May;14(5):105-6

Practical therapeutics: treatment of complications of malaria. Juma FD. **East Afr Med J** 1984 Sep;61(9):727-30

Short communication: malaria and Burkitt's lymphoma in North Mara, Tanzania. Brubaker G. **IARC Sci Publ** 1984; (63):771

Cerebellar syndrome in malaria. Chitkara AJ, et al. **Indian Pediatr** 1984 Nov;21(11):908-10

Urticaria in malaria [letter] Maheshwari RK, et al. **Indian Pediatr** 1984 Aug;21(8):663

Epidemiological and entomological features of an outbreak of fever in Meghraj Block, Sabarkantha District, Gujarat State (India) in 1980. Ghosh TK, et al. **J Commun Dis** 1984 Sep;16(3):208-18

Imported malaria in Japan: hematological aspects. Tani K, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):903-8

Malaria in pregnancy. Sankar D, et al. **S Afr Med J** 1985 Mar 16;67(11):403-4

Complications of malaria [letter] Warrell DA, et al. **Trop Doct** 1984 Oct;14(4):191

[Complicated course of tropical malaria in the Harbor Hospital; survey of 1970-1981] Stuiver PC, et al. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2343-6 (Eng. Abstr.) **(Dut)**

[Pulmonary complications of malaria. Apropos of 2 cases] Lessire H, et al. **Acta Clin Belg** 1984;39(5):290-5 (Eng. Abstr.) **(Fre)**

[Postoperative pernicious malarial attack in a subject, a native of an endemic zone] Marsepoil T, et al. **Ann Fr Anesth Reanim** 1984;3(5):371-3 (Eng. Abstr.) **(Fre)**

[Hyperpyretic convulsive crises and malaria in children] Gendrel D, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):703-4 (Eng. Abstr.) **(Fre)**

[Biochemical characterization and study of the sensitivity to Plasmodium falciparum infection. Apropos of a case of double CN Baltimore hemoglobinopathy discovered in Senegal] Blanchot M, et al. **Bull Soc Pathol Exot Filiales** 1985;78(1):43-55 (Eng. Abstr.) **(Fre)**

[Pathologic rupture of the spleen secondary to malaria] Antolín Arias J, et al. **Rev Clin Esp** 1984 Aug 15-31; 174(3-4):119-20 **(Spa)**

DIAGNOSIS

Detection of Plasmodium falciparum in blood using DNA hybridization. Pollack Y, et al. **Am J Trop Med Hyg** 1985 Jul;34(4):663-7

Plasmodium falciparum malaria mimicking autoimmune hemolytic anemia during pregnancy. Drouin J, et al. **Can Med Assoc J** 1985 Feb 1;132(3):265-7

Clinical malaria in Nairobi. Bhatt KM, et al. **East Afr Med J** 1984 Apr;61(4):303-5

Infectious diseases of travelers and immigrants. Gove S, et al. **Emerg Med Clin North Am** 1984 Aug;2(3):587-622

Use of a monoclonal, anti Plasmodium berghei antibody, cross reacting with P. falciparum, for the detection of P. falciparum in in vitro infected blood. Pass A, et al. **Immunol Lett** 1985;10(1):31-4

Versatile Field's stain [letter] Moody AH, et al. **J Clin Pathol** 1985 Jul;38(7):842-3

Malignant malaria in Saudi Arabia. el-Refaie SA, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):477-81

Shaking chills and fever [clinical conference] Jones JE. **J Fam Pract** 1985 Aug;21(2):101, 104-6

Detection of Plasmodium falciparum using a radioimmunoassay based on a crossreacting, monoclonal anti-P. berghei antibody-P. berghei antigen system. Avidor B, et al. **J Immunol Methods** 1985 Sep 3;82(1):121-9

Malaria [letter] Rudzki SJ. **Med J Aust** 1985 Jul 22; 143(2):91-2

An unusual case of malaria [letter] Whitehall JS, et al. **Med J Aust** 1985 Feb 18;142(4):280

Terminology of relapsing malaria: enigma variations [letter] Bruce-Chwatt LJ. **Trans R Soc Trop Med Hyg** 1984; 78(6):844-5

[A misdiagnosed case of chloroquine-resistant falciparum malaria] Guan QW. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):237 **(Chi)**

[Diagnostic malaria studies: parasitological or serological?] Meuwissen JH, et al. **Ned Tijdschr Geneeskd** 1985 Jan 26; 129(4):148-9 **(Dut)**

[Malaria relapse in the puerperium] Harms E, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):749-51 (Eng. Abstr.) **(Ger)**

[Malaria. Apropos of 2 cases] Anton Aranda E, et al. **Rev Sanid Hig Publica (Madr)** 1983 Nov-Dec; 57(11-12):1255-60 (Eng. Abstr.) **(Spa)**

[Malaria in adopted children despite a negative routine check-up] Olinder-Nielsen AM, et al. **Lakartidningen** 1985 Jun 12;82(24):2247 **(Swe)**

DRUG THERAPY

The treatment of malaria. A Dutch consensus. Overbosch D, et al. **Acta Leiden** 1984;52:11-7

Screening of Morinda lucida leaf extract for antimalarial action on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):59-63

Mefloquine failure in a case of falciparum malaria induced with a multidrug-resistant isolate in a non-immune subject. Cosgriff TM, et al. **Am J Trop Med Hyg** 1985 Jul; 34(4):692-3

Evaluation of the 4-pyridinemethanol WR 180,409 (enpiroline) in the treatment of induced Plasmodium falciparum infections in healthy, non-immune subjects. Cosgriff TM, et al. **Am J Trop Med Hyg** 1984 Sep; 33(5):767-71

A clinical trial of mefloquine in the treatment of Plasmodium vivax malaria. Dixon KE, et al. **Am J Trop Med Hyg** 1985 May;34(3):435-7

A role for 8-aminoquinolines in falciparum malaria? [editorial] Tigertt WD. **Am J Trop Med Hyg** 1985 Jul; 34(4):651-2

Antimalarial drug susceptibility testing of Plasmodium falciparum in Thailand using a microdilution radioisotope method. Webster HK, et al. **Am J Trop Med Hyg** 1985 Mar;34(2):228-35

Chloroquine-resistant falciparum malaria in northern Malawi. Wolfe MS, et al. **Am J Trop Med Hyg** 1985 Sep; 34(5):847-9

Clinical efficacy of sulfadoxine-pyrimethamine in the treatment of falciparum malaria in Sabah, Malaysia. Tan HS, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):170-4

Plasmodium falciparum malaria and intravenous quinidine gluconate [letter] Agosti JM, et al. **Ann Intern Med** 1985 Aug;103(2):307

A comparison of the pyrimethamine and cycloguanil sensitivities of the pre-erythrocytic and erythrocytic stages of drug-sensitive and -resistant strains of Plasmodium yoelii. Howells RE, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):247-51

The chemotherapy of rodent malaria, XXXVII. The in vivo action of two Mannich bases, WR 194,965 and WR 228,258 and an 8-aminoquinoline WR 225,448. Peters W, et al. **Ann Trop Med Parasitol** 1984 Dec;78(6):561-5

The chemotherapy of rodent malaria XXXV. Further studies on the retardation of drug resistance by the use of a triple combination of mefloquine, pyrimethamine and sulfadoxine in mice infected with P. berghei and 'P. berghei NS'. Peters W, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):459-66

Enhancement of the curative activity of primaquine by concomitant administration of mirincamycin. Schmidt LH. **Antimicrob Agents Chemother** 1985 Feb;27(2):151-7

Activities of the tetrahydrofuran derivative, BA-41,799, against Plasmodium cynomolgi infections in rhesus monkeys. Schmidt LH. **Antimicrob Agents Chemother** 1985 Feb;27(2):146-50

Activities of respository preparations of cycloguanil pamoate and 4,4'-diacetyldiaminodiphenylsulfone, alone and in combination, against infections with Plasmodium cynomolgi in rhesus monkeys. Schmidt LH, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):611-42

Chloroquine resistant falciparum malaria acquired in South Africa [letter] Isaäcson M, et al. **Br Med J [Clin Res]** 1985 May 4;290(6478):1353

Serial studies on the evolution of chloroquine resistance in an area of East Africa receiving intermittent malaria chemosuppression. Draper CC, et al. **Bull WHO** 1985; 63(1):109-18

A double-blind clinical trial of a combination of mefloquine, sulfadoxine and pyrimethamine in symptomatic falciparum malaria. Ekue JM, et al. **Bull WHO** 1985;63(2):339-43

The role of chemotherapy in malaria control through primary health care: constraints and future prospects. Jeffery GM. **Bull WHO** 1984;62 Suppl:49-53

In vivo and in vitro susceptibility to chloroquine of Plasmodium falciparum in Kinshasa and Mbuji-Mayi, Zaire. Nguyen-Dinh P, et al. **Bull WHO** 1985;63(2):325-30

Plasmodium falciparum in Haiti: susceptibility to pyrimethamine and sulfadoxine-pyrimethamine. Nguyen-Dinh P, et al. **Bull WHO** 1984;62(4):623-6

A new in vitro test for pyrimethamine/sulfadoxine susceptibility of Plasmodium falciparum and its correlation with in vivo resistance in Kenya. Spencer HC, et al. **Bull WHO** 1984;62(4):615-21

Chloroquine-resistant Plasmodium falciparum malaria in Zimbabwe [letter] Dallas AB, et al. **Cent Afr J Med** 1984 Oct;30(10):204-5

Kenyan chloroquin, fansidar and quninine resistant P. Falciparum [letter] Turner GD. **Cent Afr J Med** 1984 Jul; 30(7):136-7

Chloroquine resistant Plasmodium falciparum malaria in a local Kenyan: a case report. Bhatt KM, et al. **East Afr Med J** 1984 Oct;61(10):745-7

Response of Plasmodium falciparum to chloroquine in hospital patients at Muheza, Tanzania. Mutabingwa TK, et al. **East Afr Med J** 1985 Mar;62(3):161-71, 188

Chloroquine resistant malaria [editorial] Rees PH. **East Afr Med J** 1984 May;61(5):341-3

Drug resistant malaria. Wernsdorfer WH. **Endeavour** 1984; 8(4):166-71

Plasmodium vinckei: suppression of mouse infections with desferrioxamine B. Fritsch G, et al. **Exp Parasitol** 1985 Oct;60(2):171-4

New answers through chemotherapy? Peters W. **Experientia** 1984 Dec 15;40(12):1351-7 (49 ref.)

Results of 3-day radical treatment of Plasmodium vivax in North Arcot and South Arcot Districts of Tamil Nadu. Appavoo NC, et al. **Indian J Malariol** 1984 Jun;21(1):21-4

Chloroquine resistant P. falciparum malaria in Assam and Meghalaya. Barkakaty BN, et al. **Indian J Malariol** 1984 Jun;21(1):55-6

Influence of progesterone and estrogen administration on the recrudescence patterns of Plasmodium knowlesi infection in female rhesus monkeys (Macaca mulatta) following initial subcurative chloroquine therapy. Dutta GP, et al. **Indian J Malariol** 1984 Dec;21(2):79-88

Chemotherapy of malaria and the host-parasite interaction. Peters W. **Indian J Malariol** 1984 Jun;21(1):7-16

Chloroquine resistance of Plasmodium falciparum in Sonapur PHC Area (Assam) detected by micro in vitro and in vivo tests. Raichowdhuri AN, et al. **Indian J Malariol** 1984 Jun; 21(1):25-30

Efficacy of single dose quinine as presumptive treatment in P. falciparum malaria. Sharma GK, et al. **Indian J Malariol** 1985 Jun;22(1):29-34

Current concepts in the treatment of malaria in children. Thapa BR, et al. **Indian J Pediatr** 1984 Sep-Oct; 51(412):579-85

Chloroquine-resistant malaria from Bombay [letter] McKendrick MW, et al. **J Infect** 1985 Jul;11(1):79-80

Chloroquine-resistant malaria in Africa [editorial] **Lancet** 1985 Jun 29;1(8444):1487-8

Qinghaosu, mefloquine, and pyrimethamine-sulfadoxine in falciparum malaria [letter] Arnold K. **Lancet** 1985 Mar 23; 1(8430):704

Trials of mefloquine in vivax and of mefloquine plus 'fansidar' in falciparum malaria. Harinasuta T, et al. **Lancet** 1985 Apr 20;1(8434):885-8

Is plasmodium falciparum resistance to chloroquine reversible in absence of drug pressure? [letter] Jacquier P, et al. **Lancet** 1985 Aug 3;2(8449):270-1

Malaria treated with emetine or metronidazole [letter] James RF. **Lancet** 1985 Aug 31;2(8453):498

Randomised comparative study of mefloquine, qinghaosu, and pyrimethamine-sulfadoxine in patients with falciparum malaria. Li GQ, et al. **Lancet** 1984 Dec 15;2(8416):1360-1

Chloroquine and Fansidar resistant malaria acquired in Angola [letter] Lindberg J, et al. **Lancet** 1985 Mar 30; 1(8431):765

Quinine and severe falciparum malaria in late pregnancy. Looareesuwan S, et al. **Lancet** 1985 Jul 6;2(8445):4-8

Qinghaosu, mefloquine, and pyrimethamine-sulfadoxine in falciparum malaria [letter] Peto TE, et al. **Lancet** 1985 Jan 26;1(8422):216

Chloroquine-resistant Plasmodium falciparum in Cameroon [letter] Sansonetti PJ, et al. **Lancet** 1985 May 18; 1(8438):1154-5

RI quinine-Fansidar resistant falciparum malaria from Malawi [letter] Warhurst DC, et al. **Lancet** 1985 Aug !0; 2(8450):330

Plasmodium vivax malaria in children [letter] Cooke IF. **Med J Aust** 1985 Apr 15;142(8):490-1

Malaria [editorial] Houghton DL. **Med J Aust** 1984 Oct 13; 141(8):484-6

Malaria and chloroquine [letter] Kratzing C. **Med J Aust** 1984 Oct 13;141(8):548

Management of Plasmodium falciparum malaria. Phillips RE. **Med J Aust** 1984 Oct 13;141(8):511-7

Chloroquine resistant plasmodium falciparum malaria confirmed by in-vitro testing in a district hospital. Perry KR, et al. **Med J Zambia** 1984 Jan;18(1):8-9

Intravenous quinidine gluconate in the treatment of severe Plasmodium falciparum infections. **MMWR** 1985 Jun 21; 34(24):371

Primaquine and lysosomotropic amines inhibit malaria sporozoite entry into human liver cells. Schwartz AL, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):305-11

Intravenous quinidine for the treatment of severe falciparum malaria. Clinical and pharmacokinetic studies. Phillips RE, et al. **N Engl J Med** 1985 May 16;312(20):1273-8

A double screening trial for the development of drugs against Theileria sergenti in cattle using Babesia rodhaini and Plasmodium berghei in mice. Ito S, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):101-9

Novel anti-malarial hydroxynaphthoquinones with potent broad spectrum anti-protozoal activity. Hudson AT, et al. **Parasitology** 1985 Feb;90 (Pt 1):45-55

The problem of drug resistance in malaria. Peters W. **Parasitology** 1985 Apr;90 (Pt 4):705-15 (70 ref.)

Susceptibility of human malaria parasites to chloroquine is pH dependent. Yayon A, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2784-8

In vivo and in vitro chloroquine-resistant falciparum malaria in Venda. A case report. Bac DJ, et al. **S Afr Med J** 1985 Jun 8;67(23):937-8

Qinghaosu (artemisinin): an antimalarial drug from China. Klayman DL. **Science** 1985 May 31;228(4703):1049-55 (93 ref.)

Treatment of falciparum malaria with a single dose of mefloquine. Ponnampalam JT. **Singapore Med J** 1985 Apr; 26(2):207-10

The effect of sulphadoxine/pyrimethamine on gametocytes in falciparum malaria. Ittiravivongs A, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):323-5

Comparative drug trial of a sulfadoxine/pyrimethamine and a sulfalene/pyrimethamine combination against Plasmodium falciparum infections in semi-immune populations of Burma. Tin F, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):238-48

Chloroquine-resistant falciparum malaria imported into Spain from Malawi [letter] Alvar J, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):419

Plasmodium falciparum infection not responding to chloroquine in Nigeria [letter] Ekanem OJ. **Trans R Soc Trop Med Hyg** 1985;79(1):141-2

The sensitivity of Plasmodium falciparum to chloroquine and amodiaquine in Ibadan, Nigeria. Walker O, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):782-4

Advances in malaria chemotherapy. Report of a WHO Scientific group. **WHO Tech Rep Ser** 1984;711:1-218

[The radical efficacy of pyronaridine-primaquine combination in tertian malaria] Huei BL, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):260-2 (Eng. Abstr.) **(Chi)**

[Observation on the efficacy of pyronaridine in vivax malaria] Kang WM, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):263-4 (Eng. Abstr.) **(Chi)**

[Effect of qinghaosu by rectal administration in the treatment of vivax malaria] Li YQ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):279 **(Chi)**

[Relapses and indirect fluorescent antibody level in vivax malaria patients after chloroquine and chloroquine-primaquine treatment] Wang K, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):224-7 (Eng. Abstr.) **(Chi)**

[49 cases of cerebral malaria in the Sudan] Wu SH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):256 **(Chi)**

[Clinical analysis of 44 cases of cerebral malaria in children] Zhang ZH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):276-7 **(Chi)**

[A combined regimen of pyronaridin-artemether-chloroquine (PAC) for the treatment of Plasmodium cynomolgi infection in the rhesus monkey] Zhang JX, et al. **Yao Hsueh Hsueh Pao** 1984 Aug; 19(8):571-5 (Eng. Abstr.) **(Chi)**

[Pruritus induced by chloroquine during the treatment of malaria (letter)] Caussade P. **Arch Fr Pediatr** 1984 Dec; 41(10):727 **(Fre)**

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar. I. Study in two regions of the west coast] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984; 51(1):29-42 (Eng. Abstr.) **(Fre)**

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar. II. Study in two regions of the east coast] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984; 51(1):43-55 (Eng. Abstr.) **(Fre)**

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar: comparison of results and epidemiological perspectives] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984;51(1):69-79 **(Fre)**

[4-Aminoquinoline-sensitivity of Plasmodium falciparum in Madagascar. III. Studies in three regions of the interior] Deloron P, et al. **Arch Inst Pasteur Madagascar** 1984; 51(1):57-68 (Eng. Abstr.) **(Fre)**

[The clinician, the microscopist and drug-resistant hematozoa (editorial)] Charmot G. **Bull Soc Pathol Exot Filiales** 1985;78(3):279-80 **(Fre)**

[P. falciparum malaria contracted in Burundi, resistant to chloroquine and diminished sensitivity to quinine] Matheron S, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):466-8 (Eng. Abstr.) **(Fre)**

[Drug resistance of Plasmodium falciparum in Burundi] Coosemans MH, et al. **Bull WHO** 1985;63(2):331-8 (Eng. Abstr.) **(Fre)**

[Drug resistance of Plasmodium falciparum and Plasmodium vivax strains in Cambodia (Cardamone Massif). Morphological characteristics of Plasmodium vivax] Lapierre J, et al. **Med Trop (Mars)** 1984 Oct-Dec; 44(4):339-49 (Eng. Abstr.) **(Fre)**

[A case of malaria tropicameningoencephalitis (neuromalaria) with chloroquine and pyrimethamine/sulfadoxine resistance] Niklewski G, et al. **Nervenarzt** 1985 Feb; 56(2):101-5 **(Ger)**

[Priorities of research in malaria chemotherapy] Tauil PL. **Rev Bras Malariol Doencas Trop** 1983;35:85-7 **(Por)**

[Response of human Plasmodium to antimalarials on the Island of Saint Louis, State of Maranhão, Brazil] da Silva AR, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun; 26(3):139-46 (Eng. Abstr.) **(Por)**

[Treatment of malaria. Update] Corachán M, et al. **Med Clin (Barc)** 1984 Nov 3;83(14):596-9 **(Spa)**

[Importance of night monkeys (Aotus) in research on malaria chemotherapy] Rossan RN, et al. **Rev Med Panama** 1984 Sep;9(3):222-5 (Eng, Abstr.) **(Spa)**

ENZYMOLOGY

Alterations of lecithin-cholesterol acyltransferase activity during Plasmodium chabaudi rodent malaria. Maurois P, et al. **Biochimie** 1985 Feb;67(2):227-39

Hepatic acid hydrolases of albino rats, Mastomys natalensis and albino mice during Plasmodium berghei infection. Saxena JK, et al. **Experientia** 1985 Apr 15;41(4):472-4

Peroxidative changes in erythrocytic enzymes in Plasmodium berghei induced malaria in mice. Nair CR, et al. **Indian J Med Res** 1984 Dec;80:627-31

Ornithine decarboxylase inhibition and the malaria-infected red cell: a model for polyamine metabolism and growth. Whaun JM, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):507-11

Impairment of hepatic cytochrome P-450-dependent monooxygenases by the malaria parasite Plasmodium berghei. Alvares AP, et al. **Mol Biochem Parasitol** 1984 Nov;13(3):277-82

ETIOLOGY

Factors contributing to the development of cerebral malaria. Tharavanij S. **Asian Pac J Allergy Immunol** 1984 Jun; 2(1):3-6

Estimation for a model of multiple malaria infections. Nedelman J. **Biometrics** 1985 Jun;41(2):447-53

Transfusion-associated malaria [letter] Camazine B. **Lancet** 1985 Jul 6;2(8445):37

Malaria and blood transfusion. Wells L, et al. **Lancet** 1985 Jun 8;1(8441):1317-9

Plasmodium vivax infection among tourists to Puerto Vallarta, and Acapulco, Mexico--New Mexico, Texas. **MMWR** 1985 Aug 2;34(30):461-2

Burkitt's lymphoma: clues to the role of malaria [news] Epstein MA. **Nature** 1984 Nov 29-Dec 5;312(5993):398

Malaria reactivated by pregnancy. Shaw LM. **Practitioner** 1985 Feb;229(1400):107-9

[Report of 4 cases of relapsing malaria induced by corticosterone] Xu JS. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):242 **(Chi)**

[Risk factors for the occurrence of malignant tropical malaria in the Socialist Republic of Vietnam. 1. Clinico-laboratory characteristics of drug addicts] Shcherbakov AM, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):70-3 (Eng. Abstr.) **(Rus)**

[Infectious diseases associated with parenteral abuse of drugs] Jelić O, et al. **Acta Med Iugosl** 1984;38(4):279-89 (Eng. Abstr.) **(Scr)**

FAMILIAL & GENETIC

Alpha globin gene rearrangements in Polynesians are not associated with malaria. Trent RJ, et al. **Am J Hematol** 1985 Apr;18(4):431-3

Transferrin polymorphism and malaria [letter] Pollack S. **Am J Med Genet** 1985 Feb;20(2):403-5

Malaria and haemoglobin genotype in young northern Nigerian children. Fleming AF, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):1-5

The Duffy blood groups, vivax malaria, and malaria selection in human populations: a review. Livingstone FB. **Hum Biol** 1984 Sep;56(3):413-25 (52 ref.)

Alpha-thalassaemia and the malaria hypothesis [letter] **Lancet** 1984 Oct 27;2(8409):980-1

HISTORY

Laveran's germ: the reception and use of a medical discovery. Smith DC, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):2-20

Two physicians, a landscape architect, and malaria. Chernin E. **Bull NY Acad Med** 1984 Nov;60(9):932-7

Osler on malaria. Tigertt WD. **Can Med Assoc J** 1984 Nov 15;131(10):1282-4

The present state of malaria research: an historical survey. Garnham PC. **Experientia** 1984 Dec 15;40(12):1305-10

The flagellum as gamete: MacCallum and the hidden link in malaria. Chernin E. **Trans R Soc Trop Med Hyg** 1984; 78(6):801-5

[Evolution of campaigns against malaria from 1897 to the present] Aldighieri R, et al. **Med Trop (Mars)** 1985 Jan-Mar;45(1):9-18 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

Detection of antibodies to malaria: comparison of results with ELISA, IFAT, and crossed immunoelectrophoresis. Schapira A, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Dec; 92(6):299-304

Antibodies against malaria sporozoites in patients with acute uncomplicated malaria and patients with cerebral malaria. Tapchaisri P, et al. **Am J Trop Med Hyg** 1985 Sep; 34(5):831-6

Variability in parasite protein antigen structure and protective immunity to malaria. Brown KN, et al. **Ann Inst Pasteur Immunol** 1985 Jan-Feb;136C(1):11-23

Increased phagocytosis of non-parasitized red cells in Plasmodium berghei malaria. Newsome F. **Ann Trop Med Parasitol** 1984 Jun;78(3):323-5

An in vitro approach to study innate resistance to Plasmodium falciparum infection in folic acid deficient individuals. Brockelman CR, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):107-11

Effects of human natural killer (NK) cells on Plasmodium falciparum infected red cells. Chaicumpa W, et al. **Asian Pac J Allergy Immunol** 1983 Dec;1(2):135-9

Selecting candidate antigens for malaria vaccines. Kidson C, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):325-8 (29 ref.)

The role of natural killer cells in immunity against malaria [editorial] Tharavanij S. **Asian Pac J Allergy Immunol** 1983 Jun;1(1):3-5

Wright (a + b-) human erythrocytes and Plasmodium falciparum malaria. Hermentin P, et al. **Blut** 1985 Feb; 50(2):75-80

Free intraglomerular malarial antigens. Pakasa M, et al. **Br J Exp Pathol** 1985 Aug;66(4):493-501

Comparison of immunoglobulin and malaria antibody values in rural Kenyans. De Cock KM, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1422-3

Autoantibodies in sera of Thai patients with Plasmodium falciparum infection. Boonpucknavig S, et al. **Clin Exp Immunol** 1984 Oct;58(1):77-82

Specific proliferative response of human lymphocytes to purified soluble antigens from Plasmodium falciparum in vitro cultures and to antigens from malaria patients' sera. Bygbjerg IC, et al. **Clin Exp Immunol** 1985 Feb;59(2):421-6

Complement changes in falciparum malaria infection. Phanuphak P, et al. **Clin Exp Immunol** 1985 Mar; 59(3):571-6

Regulation of the immune response in Plasmodium falciparum malaria. III. Proliferative response to antigen in vitro and subset composition of T cells from patients with acute infection or from immune donors. Troye-Blomberg M, et al. **Clin Exp Immunol** 1984 Nov; 58(2):380-7

Monoclonal antibodies. A tool in malaria research. Epstein N. **Dev Biol Stand** 1984;57:129-32

Opposing effects of filariasis and chronic malaria on immunoregulatory T lymphocytes. Piessens WF, et al. **Diagn Immunol** 1983;1(3):257-60

Plasmodium fragile: inhibition of cultures by serum from rhesus monkeys immunized with homologous parasites. Guo SC, et al. **Exp Parasitol** 1984 Oct;58(2):156-62

Plasmodium berghei: ectopic antibody synthesis in splenectomized rodents. Weiss ML. **Exp Parasitol** 1985 Feb;59(1):108-17

Malaria: immunity, vaccination and immunodiagnosis. Perrin L, et al. **Experientia** 1984 Dec 15;40(12):1343-50 (102 ref.)

A possible role for natural killer cells in providing protection against Plasmodium berghei in early stages of infection. Solomon JB, et al. **Immunol Lett** 1985;9(6):349-52

Evaluation of Plasmodium cynomolgi B antigen in enzyme linked immunosorbent assay (ELISA) test for human malaria. Dutta GP, et al. **Indian J Malariol** 1984 Dec; 21(2):71-8

Immunomodulation of experimental malaria by MDP. Khullar N, et al. **Indian J Malariol** 1985 Jun;22(1):21-7

An evaluation of Plasmodium cynomolgi bastianellii and Plasmodium knowlesi antigens in the seroepidemiology of human malaria using indirect haemagglutination test. Nath A, et al. **Indian J Malariol** 1984 Dec;21(2):99-104

Experimental malarial infection. II--Plasmodium berghei infection in normal and B-cell deficient mice. Padmavathi V, et al. **Indian J Malariol** 1984 Jun;21(1):37-44

Experimental malarial infection. III--Protective role of antibodies in Plasmodium berghei infection in mice. Padmavathi V, et al. **Indian J Malariol** 1984 Jun;21(1):45-51

Effect of chloroquine treatment on complement levels in Plasmodium knowlesi infected Rhesus monkeys. Prasad RN, et al. **Indian J Malariol** 1984 Jun;21(1):17-20

Evaluation of micro-sampling of blood by filter paper strips for malaria seroepidemiology. Srinivasa H, et al. **Indian J Malariol** 1984 Dec;21(2):127-9

Immunoglobulins and parasitic density index in malaria (a short communication). Gupta S, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):207-8

T-cell-mediated immune response in murine malaria: differential effects of antigen-specific Lyt T-cell subsets in recovery from Plasmodium yoelii infection in normal and T-cell-deficient mice. Brinkmann V, et al. **Infect Immun** 1985 Mar;47(3):737-43

A role for rheumatoid factor enhancement of Plasmodium falciparum schizont inhibition in vitro. Green TJ, et al. **Infect Immun** 1984 Dec;46(3):668-72

Effects of splenectomy on antibody-independent immunity to Plasmodium chabaudi adami malaria. Grun JL, et al. **Infect Immun** 1985 Jun;48(3):853-8

Immunization with a Plasmodium falciparum merozoite surface antigen induces a partial immunity in monkeys. Perrin LH, et al. **J Clin Invest** 1985 May;75(5):1718-21

Knob-positive and knob-negative Plasmodium falciparum differ in expression of a strain-specific malarial antigen on the surface of infected erythrocytes. Aley SB, et al. **J Exp Med** 1984 Nov 1;160(5):1585-90

Localization of the ring-infected erythrocyte surface antigen (RESA) of Plasmodium falciparum in merozoites and ring-infected erythrocytes. Brown GV, et al. **J Exp Med** 1985 Aug 1;162(2):774-9

Polymorphism of a high molecular weight schizont antigen of the human malaria parasite Plasmodium falciparum. McBride JS, et al. **J Exp Med** 1985 Jan 1;161(1):160-80

Immunization of monkeys with a 140 kilodalton merozoite surface protein of Plasmodium knowlesi malaria: appearance of alternate forms of this protein. David PH, et al. **J Immunol** 1985 Jun;134(6):4146-52

Characterization of one polypeptide antigen potentially related to protective immunity against the blood infection by Plasmodium falciparum in the squirrel monkey. Jendoubi M, et al. **J Immunol** 1985 Mar;134(3):1941-5

A role for carbohydrate moieties in the immune response to malaria. Ramasamy R, et al. **J Immunol** 1985 Mar; 134(3):1952-5

The interferon compartment of the immune response in human malaria: II. Presence of serum-interferon gamma following the acute attack. Rhodes-Feuillette A, et al. **J Interferon Res** 1985 Winter;5(1):169-78

The interferon compartment of the immune response in human malaria: I. Interferon inducers in Plasmodium falciparum cultures. Rhodes-Feuillette A, et al. **J Interferon Res** 1985 Winter;5(1):159-68

Characterization of macrophage dysfunction in rodent malaria. Loose LD. **J Leukocyte Biol** 1984 Dec; 36(6):703-18

Reversal of immunosuppression induced with plasma of malarious rats by supplemented complement. Cox HW, et al. **J Parasitol** 1985 Feb;71(1):50-5

Plasmodium berghei: characterization of antigens and their role in inducing immunity to infection. Grothaus GD, et al. **J Parasitol** 1984 Dec;70(6):849-58

Early lymphocyte trapping in malaria infections: a particulate antigen mediated phenomenon. Lewis-Hughes PH, et al. **J Parasitol** 1984 Jun;70(3):391-7

Interactions of Plasmodium berghei-infected erythrocytes with complement. Schetters TP, et al. **J Protozool** 1985 May;32(2):321-5

Geographic diversity of Plasmodium falciparum antibodies in Madagascar. Deloron P, et al. **Lancet** 1985 Feb 23; 1(8426):444-7

Malaria: blood-stage antigens cloned [news] Brown KN. **Nature** 1984 Sep 27-Oct 3;311(5984):300

T-cell control of Epstein-Barr virus-infected B cells is lost during P. falciparum malaria. Whittle HC, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):449-50

Cellular and humoral inhibition of Plasmodium falciparum growth in vitro and recovery from acute malaria. Brown J, et al. **Parasite Immunol** 1985 May;7(3):265-75

T cell-mediated immunity in murine malaria. II. Induction of protective immunity to P. chabaudi by antigen-fed macrophages and antigen-educated lymphocytes. Chemtai AK, et al. **Parasite Immunol** 1984 Sep;6(5):469-80

Perinatal immune priming in malaria: antigen-induced blastogenesis and adoptive transfer of resistance by splenocytes from rats born of Plasmodium berghei infected females. Desowitz RS, et al. **Parasite Immunol** 1985 Jul; 7(4):451-6

Protective immune response to Plasmodium chabaudi, developed by mice after drug controlled infection or vaccination with parasite extracts: analysis of stage specific antigens from the asexual blood cycle. Falanga PB, et al. **Parasite Immunol** 1984 Nov;6(6):529-43

The immunology of malaria--a view from the bush. Greenwood BM. **Parasite Immunol** 1985 May;7(3):191-9 (48 ref.)

Stimulation of autoantibody production in normal blood lymphocytes by malaria culture supernatants. Kataaha PK, et al. **Parasite Immunol** 1984 Sep;6(5):481-92

Antigen-specific and concanavalin A-induced lymphocyte blastogenesis responses during the course of Plasmodium berghei infection in rats. Raybourne R, et al. **Parasite Immunol** 1984 Sep;6(5):435-42

ACTH-dependent modulation of malaria immunity in mice. van Zon AA, et al. **Parasite Immunol** 1985 Mar;7(2):107-17

The importance of parasite load in the killing of Plasmodium vinckei in mice treated with Corynebacterium parvum or alloxan monohydrate. Cox FE, et al. **Parasitology** 1984 Dec;89 (Pt 3):417-24

Pregnancy-induced recrudescences strengthen malarial immunity in mice infected with Plasmodium berghei. van Zon AA, et al. **Parasitology** 1985 Aug;91 (Pt 1):9-17

Target antigens in malaria transmission blocking immunity. Carter R, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):201-13

Protective antigens of bloodstage Plasmodium knowlesi parasites. Deans JA. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):159-69 (26 ref.)

Protective antigens of rodent and human bloodstage malaria. Holder AA, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13;307(1131):171-7 (35 ref.)

Antigenic variation of bloodstage malaria parasites. Howard RJ. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):141-58 (63 ref.)

Human antibodies to a Mr 155,000 Plasmodium falciparum antigen efficiently inhibit merozoite invasion. Wåhlin B, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7912-6

Non-specific immunity to Plasmodium falciparum: in vitro studies. Butcher GA, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):806-11

Abnormal anti-single stranded (ss) DNA activity in sera from Plasmodium falciparum infected individuals. Ribeiro CT, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):742-6

Normal frequency of anti-thyroglobulin antibodies in hyperendemic areas of malaria: relevance to the understanding of autoantibody formation in malaria. Ribeiro CD, et al. **Trop Geogr Med** 1984 Dec;36(4):323-8

Effects of immune complexes on immunity to Plasmodium berghei infection. Alder JD, et al. **Tropenmed Parasitol** 1984 Dec;35(4):253-9

[Antigenic specificity of antiplasmodium antibodies in an endemic area: an attempt at correlation with the induction of protective immunity] Roffi J, et al **Ann Inst Pasteur Immunol** 1985 May-Jun;136C(3):323-41 (Eng. Abstr.) **(Fre)**

[T-cell subpopulations during acute attacks of pernicious malaria] Ndiaye AB, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):342-8 (Eng. Abstr.) **(Fre)**

[Anti-I anti-erythrocyte auto-immunization in malaria] Penalba C, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):469-80 (Eng. Abstr.) **(Fre)**

[Heterohemagglutinins in human malaria: immunopathologic implications] Zouali M, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):481-90 (Eng. Abstr.) **(Fre)**

[Measles vaccination in the Sudan-Sahel region of Africa. Absence of the immunodepressive effect of malaria] Monjour L, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):232-5 (Eng. Abstr.) **(Fre)**

[Immunologic changes during the development of malaria] de Miguel F, et al. **Rev Clin Esp** 1984 Jun 15-30; 173(5-6):301-3 (Eng. Abstr.) **(Spa)**

IN PREGNANCY

Malaria research [letter] Trager W. **Science** 1984 Dec 21; 226(4681):1374

METABOLISM

Plasmodium berghei: gluconeogenesis in the infected mouse liver studied by 13C nuclear magnetic resonance. Geoffrion Y, et al. **Exp Parasitol** 1985 Jun;59(3):364-74

Effect of a specific iron chelator, desferrioxamine on the host biochemistry and parasitaemia in mice infected with Plasmodium berghei. Singh C, et al. **Indian J Malariol** 1985 Jun;22(1):35-44

Biochemical changes in cellular constituents and some enzymes in host-tissues from Plasmodium knowlesi infected rhesus monkey (Macaca mulatta). Srivastava R, et al. **Indian J Malariol** 1984 Dec;21(2):89-97

Chloroquine kinetics in normal and P. knowlesi infected rhesus monkeys. Prasad RN, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jun;23(6):302-4

Pharmacokinetics of quinine in children. Shann F, et al. **J Pediatr** 1985 Mar;106(3):506-10

Plasmodium falciparum malaria: band 3 as a possible receptor during invasion of human erythrocytes. Okoye VC, et al. **Science** 1985 Jan 11;227(4683):169-71

Increased severity of malaria infection in rats fed supplementary amino acids. Fern EB, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):839-41

MICROBIOLOGY

Mixed malarial infection due to Plasmodium falciparum and P vivax. Savioli L, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):23-4

MORTALITY

[Swedish cases of fatal malaria. Chloroquine-resistant falciparum strains] Malmvall BE, et al. **Lakartidningen** 1985 Jul 10;82(28-29):2510-2 **(Swe)**

OCCURRENCE

Malaria control by village health workers in the province of Dosso, Niger. Part. 2. Epidemiological impact. Haegeman F, et al. **Ann Soc Belg Med Trop** 1985 Jun; 65(2):145-51

Different malaria control activities in an area of Liberia--effects on malariometric parameters. Björkman A, et al. **Ann Trop Med Parasitol** 1985 Jun;79(3):239-46

Malaria at high altitudes in Africa [letter] Bruce-Chwatt LJ. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):280

Malaria at high altitudes in Africa [letter] Fisher M. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):56

IFA serological surveys of malaria in north, north-west and south-west parts of Iran. Edrissian GH, et al. **Bull Soc Pathol Exot Filiales** 1985;78(3):349-59

Malaria in urban and rural areas of southern Ghana: a survey of parasitaemia, antibodies, and antimalarial practices.

Gardiner C, et al. **Bull WHO** 1984;62(4):607-13

Chloroquine-resistant falciparum malaria imported into the Netherlands. Wetsteyn JC, et al. **Bull WHO** 1985; 63(1):101-8

Malaria ecology—the Trinidadian aspect. Fonaroff LS. **Ecol Dis** 1982;1(1):1-11

Some health problems of the Maldives. McGlashan N, et al. **Ecol Dis** 1982;1(4):221-8

Outbreak of malaria in villages of Bareilly, District U.P. Ansari MA, et al. **Indian J Malariol** 1984 Dec;21(2):121-3

Studies on the incidence of malaria in Gadarpur town of Terai, Distt. Nainital, U.P. Malhotra MS, et al. **Indian J Malariol** 1985 Jun;22(1):57-60

Epidemiological aspects of malaria in Rameswaram island (Tamil Nadu). Chandrahas RK, et al. **Indian J Med Res** 1984 Jul;80:37-42

Mass blood survey in three villages of Rameswaram Island endemic for malaria. Krishnamoorthy K, et al. **Indian J Med Res** 1985 Feb;81:140-2

Epidemiological aspects of persistent malaria along the river Thenpennai (Tamil Nadu). Tewari SC, et al. **Indian J Med Res** 1984 Jul;80:1-10

Urban malaria in Maharashtra [letter] Vittal M. **Indian J Med Sci** 1984 Jul;38(7):148-9, 144

A focal outbreak of malaria in Valsad district, Gujarat State. Baukapur SN, et al. **J Commun Dis** 1984 Dec;16(4):268-72

Epidemiological surveillance: a tool for assessment of malaria and its control. Ray AP, et al. **J Commun Dis** 1984 Sep; 16(3):197-207

Recent trends in the importation of malaria caused by Plasmodium falciparum into the United States from Africa. Lobel HO, et al. **J Infect Dis** 1985 Sep;152(3):613-7

Malaria in urban and rural areas of southern Ghana: a survey of parasitaemia and of anti-malarial practice. Gardiner CN, et al. **J Trop Pediatr** 1984 Dec;30(6):296-9

A survey of malarial parasite and anopheline mosquitoes in Rawalpindi-Islamabad area. Pal RA, et al. **JPMA** 1985 Mar;35(3):69-72

Is it cerebral malaria? [letter] Commey JO. **Lancet** 1984 Nov 3;2(8410):1037

Chloroquine-resistant malaria in India [letter] Mahoney MP, et al. **Lancet** 1984 Nov 17;2(8412):1159

Chloroquine-resistant malaria in Pakistan [letter] Robinson DS, et al. **Lancet** 1984 Oct 27;2(8409):987

Malaria in Vanuatu [letter] **Med J Aust** 1985 Sep 16; 143(6):268

Plasmodium vivax malaria in Egypt [letter] Kemp LW. **N Engl J Med** 1984 Nov 29;311(22):1444

Malaria and filariasis in the Ok Tedi Region of the Star Mountains, Papua New Guinea. Cattani J, et al. **Papua New Guinea Med J** 1983 Jun;26(2):122-6

Malaria and tropical splenomegaly syndrome in the Anga of Morobe Province. Crane G, et al. **Papua New Guinea Med J** 1985 Mar;28(1):27-34

Epidemiology of Plasmodium malariae infection in Gambela, Ethiopia. Krafsur ES, et al. **Parassitologia** 1982 Dec; 24(2-3):105-20

Malaria in Christchurch. Ikram RB, et al. **Pathology** 1984 Oct;16(4):431-3

Plasmodium falciparum malaria in the southern Transvaal [letter] di Bisceglie AM. **S Afr Med J** 1985 Apr 6;67(14):529

Socioeconomic factors associated with malaria in Colombia. Banguero H. **Soc Sci Med** 1984;19(10):1099-104

Malaria: recent experience in a community. Harris LF, et al. **South Med J** 1984 Sep;77(9):1121-3

A study of malaria morbidity in a rural area of Burkina Faso (West Africa) [letter] Baudon D, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):283-4

Indirect ELISA test for malaria in blood donors. Espinal CA, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):645-7

Imported malaria in Kuwait. Hira PR, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):291-6

Bancroftian filariasis and malaria in island and hinterland populations in Sabah, Malaysia. Hii J, et al. **Trop Geogr Med** 1985 Jun;37(2):93-101

Prospects of human malaria and Bancroftian filariasis infections in the Lower Rufiji Basin, Tanzania. I. Malaria. Matola YG. **Trop Geogr Med** 1985 Jun;37(2):102-7

World malaria situation 1983. Malaria Action Programme, World Health Organization, Geneva. **World Health Stat Q** 1985;38(2):193-231 **(Eng, Fre)**

World malaria situation, 1982. Malaria Action Programme, World Health Organization, Geneva. **World Health Stat Q** 1984;37(2):130-61 **(Eng, Fre)**

[An analysis of blood smear examinations of 10,566 cases of fever in Wangmo County, Guizhou] Jiang RH. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):231 **(Chi)**

[Correlations between imported sources of infection and the incidence of malaria in hypo-endemic area] Ren JX. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):237 **(Chi)**

[Quantitative approach to the epidemic trend of vivax malaria in Huanghuai Plain by vectorial capacity] Deng D. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):70-3 (Eng. Abstr.) **(Chi)**

[Preliminary study of the pattern of relapse in tertian malaria occurring in Jiangsu Province and its neighboring areas] Wang FP. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb;6(1):23-5 (Eng. Abstr.) **(Chi)**

[Sero-epidemiological survey of malaria using the ELISA technic] Wang J. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):74-7 (Eng. Abstr.) **(Chi)**

[Exotic diseases in the Netherlands; prevalence and prevention of their spread] van der Heide RM. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1475-6 **(Dut)**

[Epidemiology of malaria in the plain of Ruzizi, Burundi] Coosemans M, et al. **Ann Soc Belg Med Trop** 1984 Jun; 64(2):135-58 (Eng. Abstr.) **(Fre)**

[Epidemiology of malaria in Tanna (Vanuatu)] Bouree P, et al. **Bull Soc Pathol Exot Filiales** 1984 Jul-Aug;77(4):459-65 (Eng. Abstr.) **(Fre)**

[Epidemiologic study of malaria in the rice-growing regions of Yagoua and Maga (North Cameroon)] Couprié B, et al. **Bull Soc Pathol Exot Filiales** 1985;78(2):191-204 (Eng. Abstr.) **(Fre)**

[Imported malaria in Brest hospitals from 1974 to 1980] Masure O, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):298-304 (Eng. Abstr.) **(Fre)**

[Hypotheses on the origin of certain parasites on the Latin American continent] Nozais JP. **Bull Soc Pathol Exot Filiales** 1985;78(3):401-12 (Eng. Abstr.) **(Fre)**

[Malaria in 1984: an alarming reality (editorial)] Hemmer R. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(2):31-3 **(Fre)**

[Present status of malaria] Smail A, et al. **LARC Med** 1984 Oct;4(8):482-6 (Eng. Abstr.) **(Fre)**

[Review of the clinical aspects in patients with P. falciparum malaria] de Oliveira RM, et al. **Rev Bras Malariol Doencas Trop** 1983;35:57-63 **(Por)**

[Malaria and intestinal parasitosis in Indians of the Nadeb-Maku tribe, State of Amazonas, Brazil] Genaro O, et al. **Rev Saude Publica** 1984 Apr;18(2):162-9 (Eng. Abstr.) **(Por)**

[Malaria in southern Asia. 3. Distribution, in India, of malaria due to different species of the causative agent] Kondrashin AV, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):8-13 (Eng. Abstr.) **(Rus)**

[Malaria: is it reappearing as an endemic disease in Spain? (letter)] Bouza C, et al. **Med Clin (Barc)** 1985 Apr 20; 84(15):630-1 **(Spa)**

[Imported malaria in Guipúzcoa. Presentation of 21 cases] Pinilla Moraza J, et al. **Rev Clin Esp** 1985 Jun;177(1):20-4 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Human cerebral malaria. A quantitative ultrastructural analysis of parasitized erythrocyte sequestration. MacPherson GG, et al. **Am J Pathol** 1985 Jun; 119(3):385-401

Susceptibility of different populations of Colombian Aotus monkeys to the FCB-1 strain of Plasmodium falciparum. Espinal C, et al. **Am J Trop Med Hyg** 1984 Sep;33(5):777-82

Parasitologic and immunologic studies of experimental Plasmodium falciparum infection in nonsplenectomized chimpanzees (Pan troglodytes). Taylor DW, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):36-44

The development and ultrastructure of Plasmodium falciparum damaged in vitro by human 'crisis' sera and by chloroquine. Butcher GA, et al. **Aust J Exp Biol Med Sci** 1985 Feb;63 (Pt 1):9-18

Plasmodium falciparum in vitro: diminished growth in hemoglobin H disease erythrocytes. Ifediba TC, et al. **Blood** 1985 Feb;65(2):452-5

The effect of oral contraceptives in malaria infections in rhesus monkey. Collins WE, et al. **Bull WHO** 1984; 62(4):627-37

Malaria and the liver. Hollingdale MR. **Hepatology** 1985 Mar-Apr;5(2):327-35 (74 ref.)

Pathogenicity, stability, and immunogenicity of a knobless clone of Plasmodium falciparum in Colombian owl monkeys. Langreth SG, et al. **Infect Immun** 1985 Mar; 47(3):760-6

A comparative micro in-vitro test of P. falciparum to mefloquine and chloroquine in Gadchiroli District, Maharashtra State. Dutt SC, et al. **J Commun Dis** 1984 Jun;16(2):122-5

Immunoradiometric assay to measure the in vitro penetration of sporozoites of malaria parasites into hepatoma cells. Zavala F, et al. **J Immunol** 1985 Feb;134(2):1202-5

Infection of Aotus azarae boliviensis monkeys with different strains of Plasmodium vivax. Collins WE, et al. **J Parasitol** 1985 Apr;71(2):239-43

Survival of Plasmodium berghei in dead hosts. Young MD. **J Parasitol** 1985 Feb;71(1):135-6

Characterization of permeation pathways appearing in the host membrane of Plasmodium falciparum infected red blood cells. Ginsburg H, et al. **Mol Biochem Parasitol** 1985 Mar;14(3):313-22

Interactions between Trypanosoma brucei and Babesia spp. and Plasmodium spp. in mice. Millott SM, et al. **Parasitology** 1985 Apr;90 (Pt 2):241-54

Plasmodium brasilianum in the common marmoset Callithrix jacchus. Wedderburn N, et al. **Parasitology** 1985 Jun;90 (Pt 3):573-8

About the concept of malaria as a disease. Corradetti A. **Parassitologia** 1982 Dec;24(2-3):101-4

Receptor mediated endocytosis of the malarial parasite by erythrocytes. Perkins ME. **Prog Clin Biol Res** 1984; 165:361-76

Observations on early and late post-sporozoite tissue stages in primate malaria. III. Further attempts to find early forms and to correlate hypnozoites with growing exo-erythrocytic schizonts and parasitaemic relapses in Plasmodium cynomolgi bastianellii infections. Bray RS, et al. **Trans R Soc Trop Med Hyg** 1985;79(2):269-73

Discovery of the hypnozoite and a new theory of malarial relapse. Krotoski WA. **Trans R Soc Trop Med Hyg** 1985; 79(1):1-11

Enhanced parasitization of platelets by Plasmodium berghei yoelii. Perkash A, et al. **Trans R Soc Trop Med Hyg** 1984; 78(4):451-5

Rapid evaluation of malaria parasite density and standardization of thick smear examination for epidemiological investigations. Trape JF. **Trans R Soc Trop Med Hyg** 1985;79(2):181-4

Virulence of plasmodium yoelii line YM is caused by altered preference for parasitized and unparasitized immature and mature erythrocytes. Büngener W. **Trop Med Parasitol** 1985 Mar;36(1):43-5

African serum interference in the determination of chloroquine sensitivity in Plasmodium falciparum. Carlin JM, et al. **Z Parasitenkd** 1984;70(5):589-97

Gametocyte development of Plasmodium chabaudi in mice and rats: evidence for host induction of gametocytogenesis. Cornelissen AW, et al. **Z Parasitenkd** 1985;71(3):297-303

[Rapid staining methods for the detection of malaria parasites] Lu HM, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1985;3(1):45-7 (Eng. Abstr.) **(Chi)**

[Difficulties and errors in the parasitologic diagnosis of malaria] Pavlova EA, et al. **Lab Delo** 1984;(10):619-22 (Eng. Abstr.) **(Rus)**

[Mathematical model of the dynamics of parasitemia in mice infected with P. berghei] Losev GI, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):25-8 (Eng. Abstr.) **(Rus)**

[Late relapses in malaria caused by Plasmodium ovale (Stephens, 1922)] Díaz Hernández A, et al. **Rev Cubana Med Trop** 1984 Jan-Apr;36(1):11-8 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Ultrastructure of the lung in falciparum malaria. Duarte MI, et al. **Am J Trop Med Hyg** 1985 Jan;34(1):31-5

Histochemical observations on the exoerythrocytic malaria parasite Plasmodium berghei in rat liver. Meis JF, et al. **Histochemistry** 1984;81(5):417-25

PHYSIOPATHOLOGY

The malariatherapy of neurosyphilis. Chernin E. **J Parasitol** 1984 Oct;70(5):611-7

Studies on the glomerular filtration rate and extracellular fluid volume in rhesus monkeys infected with Plasmodium knowlesi. Areekul S, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):364-70

PREVENTION & CONTROL

Development of malaria vaccines reviewed. Meuwissen JH. **Acta Leiden** 1984;52:19-29

Tolerability of long-term prophylaxis with fansidar: a randomized double-blind study in Nigeria. Stemberger H, et al. **Acta Trop (Basel)** 1984 Dec;41(4):391-9

Present status and future prospects for malaria control in the world. Lepes T. **Ann Acad Med Singapore** 1984 Apr; 13(2):163-70

Malaria control by village health workers in the province of Dosso, Niger. Part. 1. Operational analysis. Haegeman F, et al. **Ann Soc Belg Med Trop** 1985 Jun;65(2):137-44

Is the working capacity of Liberian industrial workers increased by regular malaria prophylaxis? Pehrson PO, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):453-8

The chemotherapy of rodent malaria XXXVI. Part IV. The activity of a new 8-aminoquinoline, WR 225,448 against exo-erythrocytic schizonts of Plasmodium yoelii yoelii. Peters W, et al. **Ann Trop Med Parasitol** 1984 Oct; 78(5):467-78

Recent advances in the development of a sporozoite vaccine for malaria. Nussenzweig V, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):289-92 (23 ref.)

A malaria vaccine—necessary but not sufficient [editorial] Webster HK. **Asian Pac J Allergy Immunol** 1984 Dec; 2(2):169-70

Prevention and treatment of malaria. Houghton DL. **Aust Fam Physician** 1985 Jan;14(1):22-6

Prevention of malaria in pregnancy and early childhood. Prepared by the Public Health Laboratory Service Malaria Reference Laboratory. **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1296-7

Fansidar in malaria prophylaxis [letter] Bradley DJ, et al. **Br Med J [Clin Res]** 1985 Jul 13;291(6488):136

Fatal multisystemic toxicity associated with prophylaxis with pyrimethamine and sulfadoxine (Fansidar). Selby CD, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):113-4

Safety of chloroquine in chemosuppression of malaria during pregnancy. Wolfe MS, et al. **Br Med J [Clin Res]** 1985 May 18;290(6480):1466-7

Evaluation of chlorphoxim used against Anopheles albimanus on the south coast of Mexico: 2. Use of two curtain-trap techniques in a village-scale evaluation trial. Bown DN, et al. **Bull Pan Am Health Organ** 1985;19(1):61-8

Applied field research in malaria in Africa. UNDP/World

Bank/WHO Special Programme for Research and Training in Tropical Diseases. Ad Hoc Consultation of the Scientific Working Group on Applied Field Research in Malaria. 24–29 October 1983, Nairobi, Kenya. **Bull WHO** 1984;62 Suppl:1–128

Recent progress in the development of malaria vaccines: memorandum from a WHO meeting. **Bull WHO** 1984; 62(5):715–27

A review of present antimalaria activities in Africa. Beausoleil EG. **Bull WHO** 1984;62 Suppl:13–7

Lessons learned from applied field research activities in Africa during the malaria eradication era. Bruce-Chwatt LJ. **Bull WHO** 1984;62 Suppl:19–29

Malaria control with residual fenitrothion in Central Java, Indonesia: an operational-scale trial using both full and selective coverage treatments. Gandahusada S, et al. **Bull WHO** 1984;62(5):783–94

Recent applied field research activities carried out in tropical Africa. Goriup S, et al. **Bull WHO** 1984;62 Suppl:31–9

The impact of malaria chemoprophylaxis on the immune status of Africans. Greenwood BM. **Bull WHO** 1984;62 Suppl:69–75

The impact of malaria chemoprophylaxis in Africa with special reference to Madagascar, Cameroon, and Senegal. Laing AB. **Bull WHO** 1984;62 Suppl:41–8

Human ecology and behaviour in malaria control in tropical Africa. MacCormack CP. **Bull WHO** 1984;62 Suppl:81–7

Operational and epidemiological field research activities for the implementation of malaria control through primary health care in Africa. Najera JA. **Bull WHO** 1984;62 Suppl:101–6

Environmental management activities in malaria control in Africa. Stevens PA. **Bull WHO** 1984;62 Suppl:77–80

Vector control operations in the African context. Zahar AR. **Bull WHO** 1984;62 Suppl:89–100

Counselling travellers about malaria chemoprophylaxis [letter] Keystone JS, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):715–6

Malaria immunization--a Zimbabwean perspective. Goldin RD, et al. **Cent Afr J Med** 1985 Feb;31(2):22–4

Practical therapeutics malaria chemoprophylaxis. Juma FD. **East Afr Med J** 1984 Mar;61(3):254–9 (16 ref.)

The scope and limitations of insecticide spraying in rural vector control programmes in the states of Karnataka and Tamil Nadu in India. Barai D, et al. **Ecol Dis** 1982; 1(4):243–55

Urban malaria control situation and environmental issues, Madras City, India. Hyma B, et al. **Ecol Dis** 1983; 2(4):321–35

New answers to malaria problems through vector control? Laird M. **Experientia** 1985 Apr 15;41(4):446–56 (53 ref.)

Malaria prophylaxis in travellers: the current position. Stürchler D. **Experientia** 1984 Dec 15;40(12):1357–62 (34 ref.)

Protection against Plasmodium berghei yoelii in chloroquine- and pyrimethamine-treated mice. Pradhan VR, et al. **Folia Parasitol (Praha)** 1984;31(4):371–3

Immunoprophylaxis of malaria: characterization of a protective surface antigen. Nussenzweig RS, et al. **Harvey Lect** 1982–83;78:59–85

Maternal inhibition of malaria vaccination in mice can be overcome by giving a second dose of vaccine. Harte PG, et al. **Immunology** 1984 Nov;53(3):401–9

Feasibility of community participation for vector control in villages. Rajagopalan PK, et al. **Indian J Med Res** 1984 Jul;80:117–24

Field village scale trial of use of repellent in malaria control. Vittal M, et al. **Indian J Med Sci** 1984 Oct;38(10):201–3

Induction of protective immunity to Plasmodium falciparum in Saimiri sciureus monkeys with partially purified exoantigens. James MA, et al. **Infect Immun** 1985 Sep; 49(3):476–80

Epidemiological investigations under the method plan of operations--NMEP. Sharma GK. **J Commun Dis** 1984 Dec; 16(4):251–67

Evaluation of pirimiphos methyl WDP for control of malaria in Tirap district of Arunachal Pradesh. A preliminary report. Sharma GK, et al. **J Commun Dis** 1985 Mar; 17(1):77–86

A study on the operational correlates of persisting malaria in Shankergarh block of district Allahabad. Singh A, et al. **J Commun Dis** 1984 Dec;16(4):273–81

The malaria sporozoite vaccine: parasitology's brave new world. Spriggs DR. **J Infect Dis** 1985 Sep;152(3):655–6

Malaria control in the Gezira-Managil Irrigated Scheme of the Sudan. el Gaddal AA, et al. **J Trop Med Hyg** 1985 Apr;88(2):153–9

The Blue Nile Health Project: a comprehensive approach to the prevention and control of water-associated diseases in irrigated schemes of the Sudan. el Gaddal AA. **J Trop Med Hyg** 1985 Apr;88(2):47–56

Haemopoietic response of Nigerian village children to iron, folate supplementation and malaria prophylaxis. Akenzua GI, et al. **J Trop Pediatr** 1985 Feb;31(1):59–62

Leads from the MMWR. Revised recommendations for preventing malaria in travelers to areas with chloroquine-resistant Plasmodium falciparum. **JAMA** 1985 May 3;253(17):2483–6

Leads from the MMWR. Adverse reactions to Fansidar and updated recommendations for its use in the prevention of malaria. **JAMA** 1985 Jan 25;253(4):483

Malaria chemoprophylaxis in expatriates in Africa [letter] Bruce-Chwatt LJ. **Lancet** 1984 Nov 3;2(8410):1046

Fatal malaria in US civilians [letter] Lobel HO, et al. **Lancet** 1985 Apr 13;1(8433):873

Malaria control in Tanzania [letter] Msengi AE, et al. **Lancet** 1984 Nov 17;2(8412):1159–60

Combination of mefloquine with sulfadoxine-pyrimethamine compared with two sulfadoxine-pyrimethamine combinations in malaria chemoprophylaxis. Win K, et al. **Lancet** 1985 Sep 28;2(8457):694–5

In war against mosquito, man is losing ground. Broad WJ. **Med J Aust** 1984 Oct 13;141(8):526–7

Malaria prophylaxis for travellers [letter] Cook IF. **Med J Aust** 1985 Apr 1;142(7):427

Haematological safety of long-term malarial prophylaxis with dapsone-pyrimethamine. Cook IF, et al. **Med J Aust** 1985 Aug 19;143(4):139–41

Inadequate prophylaxis of malaria with dapsone-pyrimethamine. Cook IF. **Med J Aust** 1985 Mar 18;142(6):340–2

Malaria prophylaxis for travellers [letter] Houghton DL. **Med J Aust** 1985 Jan 7;142(1):73–4

Malaria prophylaxis for travellers [editorial] Langsford S. **Med J Aust** 1984 Oct 13;141(8):486

Malaria in Vanuatu [letter] Rhodes KM. **Med J Aust** 1984 Dec 8–22;141(12–13):900

Perspectives in medicine: malaria. Sandosham AA. **Med J Malaysia** 1984 Mar;39(1):5–20

Immunizations and chemoprophylaxis for travelers. **Med Lett Drugs Ther** 1985 Apr 12;27(685):33–6

Adverse reactions to Fansidar and updated recommendations for its use in the prevention of malaria. **MMWR** 1985 Jan 4;33(51–52):713–4

Revised recommendations for preventing malaria in travelers to areas with chloroquine-resistant Plasmodium falciparum. **MMWR** 1985 Apr 12;34(14):185–90, 195

Revised recommendations for preventing malaria in travelers to areas with chloroquine-resistant Plasmodium falciparum [letter] MacPherson DW, et al. **N Engl J Med** 1985 Aug 15;313(7):454–5

Towards a malaria vaccine [news] **Nature** 1985 Jul 18–24; 316(6025):191–2

Components of a cocktail [news] Cox FE. **Nature** 1985 Jul 18–24;316(6025):212–3

Vaccination with purified microgamete antigens prevents transmission of rodent malaria. Harte PG, et al. **Nature** 1985 Jul 18–24;316(6025):258–9

A strategy of malaria control. Afifi SE, et al. **Papua New Guinea Med J** 1983 Jun;26(2):111–3

Malaria chemoprophylaxis--which drug? Biddulph J. **Papua New Guinea Med J** 1983 Jun;26(2):127–30

Which way now for malaria control? Charlwood JD. **Papua New Guinea Med J** 1984 Sep–Dec;27(3–4):159–62

Cytogenetic studies on the malaria vector mosquito Anopheles arabiensis Patton in the Awash Valley, Ethiopia. Mekuria Y, et al. **Parassitologia** 1982 Dec;24(2–3):237–43

Perspectives for malaria vaccination. Miller LH, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):99–115 (79 ref.)

Development of sporozoite vaccines. Nussenzweig RS, et al. **Philos Trans R Soc Lond [Biol]** 1984 Nov 13; 307(1131):117–28 (39 ref.)

Malaria. Prevention is the key. DeWitt DE, et al. **Postgrad Med** 1985 Jan;77(1):153–4

Prevention of malaria in pregnancy [letter] Markus MB. **S Afr Med J** 1985 Jun 15;67(24):960

Molecular approaches to malaria vaccines. Godson GN. **Sci Am** 1985 May;252(5):52–9

The search for a malaria vaccine [news] Kolata G. **Science** 1984 Nov 9;226(4675):679–82

Expression of Plasmodium falciparum circumsporozoite proteins in Escherichia coli for potential use in a human malaria vaccine. Young JF, et al. **Science** 1985 May 24; 228(4702):958–62

Rationale for development of a synthetic vaccine against Plasmodium falciparum malaria. Zavala F, et al. **Science** 1985 Jun 21;228(4706):1436–40

Cost and performance of malaria surveillance in Thailand. Kaewsonthi S, et al. **Soc Sci Med** 1984;19(10):1081–97

Status of Anopheles malaria vectors in Indonesia. Kirnowardoyo S. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):129–32

Present status of malaria in Thailand. Prasittisuk C. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):141–5

Chemical control on malaria vector Anopheles aconitus in Central Java, Indonesia. Sudomo M, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):153–62

Environmental management in mosquito control. Thevasagayam ES. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):149–52

Malaria control strategies: overview of changing perspectives. Wooster MT. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):183–6

Biological control of mosquitoes, especially malaria vectors, Anopheles species. Yap HH. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):163–72

The coil works (against mosquitoes in Papua New Guinea). Charlwood JD, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):678

Malaria chemoprophylaxis for multiple drug resistant Plasmodium falciparum in Africa: an increasing problem. van der Kaay HJ, et al. **Trop Geogr Med** 1984 Dec; 36(4):317–22

Vaccination against malaria: its plausibility and the present state of research. Mitchell GH. **Vaccine** 1984 Jun; 2(2):115–24 (135 ref.)

Malaria control as part of primary health care. Report of a WHO Study group. **WHO Tech Rep Ser** 1984;712:1–73

[Effect of malaria control in Pinjiang Commune, Rongjiang County, Guizhou] Chen QQ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):215 **(Chi)**

[Studies on malaria surveillance methods in the final stage of malaria eradication in Kaili County, Guizhou] Liu XK, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):209–11 (Eng. Abstr.) **(Chi)**

[Ten-year antimalarial experience in Zhengzhou] Qi KY. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):227 **(Chi)**

[Studies on DDT residual spraying for controlling Anopheles lesteri anthropophagus and Plasmodium falciparum malaria] Wu ZY, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):220–3 (Eng. Abstr.) **(Chi)**

[The effect of antimalaria measures over twenty years and the current epidemic status in Guangxi] Zhen JJ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):212–5 (Eng. Abstr.) **(Chi)**

[Surveillance of malaria after its near eradiation in the area of Menglang, Lancong County in Yunnan Province] Chen C. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Dec; 5(6):351–3 (Eng. Abstr.) **(Chi)**

[Epidemiological evaluation of a 20-year program in the control of malaria in Mun-hai County Yunan Province] Zhao SN. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Jun;6(3):150–2 (Eng. Abstr.) **(Chi)**

[Characterization of Plasmodium yoelii antigens by monoclonal antibodies. II. In vivo assay of the protective effect of monoclonal antibodies] Li WL, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):198–201 (Eng. Abstr.) **(Chi)**

[Malaria--how to protect the traveler in 1984] Fox E. **Bull Soc Sci Med Grand Duche Luxemb** 1984;121(2):35–8 **(Fre)**

[Tactics and strategy of malaria control] Kupferschmidt HG. **Angew Parasitol** 1985 May;26(2):65–9 (Eng. Abstr.) **(Ger)**

[Advantages and disadvantages of different concepts of malaria prevention] Wernsdorfer WH. **Ther Umsch** 1985 Jan;42(1):28–34 (Eng. Abstr.) **(Ger)**

[Plasmodium berghei: antibody response and protective immunity induced by vaccination] Casaglia O, et al. **Parassitologia** 1982 Dec;24(2–3):121–7 (Eng. Abstr.) **(Ita)**

[Socioeconomic processes in malaria transmission and control] Agudelo SF. **Rev Bras Malariol Doencas Trop** 1983;35:89–100 **(Por)**

[Control of malaria vectors: a stimulating challenge] Fleming GA. **Rev Bras Malariol Doencas Trop** 1983;35:79–83 **(Por)**

[Current world malariology situation and the problem of the importation of malaria into the USSR] Kuznetsov RL, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):3–8 (Eng. Abstr.) **(Rus)**

[History and status of the problem of the development of methods for formulating the prognosis of malaria, its vectors and other blood-sucking flies in areas of the construction and operation of large hydraulic engineering installations in the Ukraine] Shevchenko AK, et al. **Med Parazitol (Mosk)** 1985 May-Jun;(3):62–8 (Eng. Abstr.) **(Rus)**

[Urgent problems in the organization of malaria prophylaxis] Soprunov FF. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):45–50 (Eng. Abstr.) **(Rus)**

[Evaluation of an alternative scheme of treatment for the control of malaria] Méndez Galván JF, et al. **Salud Publica Mex** 1984 Nov–Dec;26(6):561–72 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

The interrelationship of tropical disease and mental disorder: conceptual framework and literature review (Part I--Malaria). Weiss MG. **Cult Med Psychiatry** 1985 Jun; 9(2):121–200

Malaria in Liberian children and mothers: biocultural perceptions of illness vs clinical evidence of disease. Jackson LC. **Soc Sci Med** 1985;20(12):1281–7

THERAPY

Dangers of high-dose quinine and overhydration in severe malaria [letter] Hall A. **Lancet** 1985 Jun 22;1(8443):1453–4

Malaria. Leavesley J. **Med J Aust** 1984 Oct 13;141(8):523–5

[The treatment of malaria] Overbosch D, et al. **Ned Tijdschr Geneeskd** 1984 Dec 15;128(50):2360–4 **(Dut)**

[Therapeutic plasma exchange in severe tropical malaria] Bambauer R, et al. **Dtsch Med Wochenschr** 1985 Aug 23; 110(34):1290–3 (Eng. Abstr.) **(Ger)**

TRANSMISSION

DDT--susceptibility status of Anopheles philippinensis--a mosquito vector of malaria in Bangladesh. Elias M, et al. **Bangladesh Med Res Counc Bull** 1985 Jun;11(1):1-7

Two cases of falciparum malaria acquired in Britain. Whitfield D, et al. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1607-9

Incrimination of Anopheles minimus Theobald and Anopheles balabacensis balabacensis Baisas (A. dirus) as malaria vectors in Mizoram. Das SC, et al. **Indian J Malariol** 1985 Jun;22(1):53-5

Resting behaviour of anophelines & sporozoite rates in vectors of malaria along the river Thenpennai (Tamil Nadu). Mani TR, et al. **Indian J Med Res** 1984 Jul;80:11-7

Persistent malaria transmission in Pudukuppam--a coastal village of Pondicherry. Panicker KN, et al. **Indian J Med Res** 1984 Jul;80:51-6

A preliminary report on some entomological observations in malaria endemic areas of Kamrup district, Assam. Kareem MA, et al. **J Commun Dis** 1985 Mar;17(1):29-35

Infection and transmission studies with the N-3 strain of Plasmodium fieldi in the Macaca mulatta monkey. Collins WE, et al. **J Parasitol** 1984 Jun;70(3):422-7

Susceptibility of a male mosquito to malaria. Rosenberg R. **J Parasitol** 1984 Oct;70(5):827

Plasmodium falciparum transmission in England: entomological and epidemiological data relative to cases in 1983. Curtis CF, et al. **J Trop Med Hyg** 1984 Jun; 87(3):101-14 (93 ref.)

A point survey of periurban and urban malaria in Karachi. Nalin DR, et al. **J Trop Med Hyg** 1985 Feb;88(1):7-15

Transfusion malaria [letter] Bruce-Chwatt LJ. **Lancet** 1985 Aug 3;2(8449):271

The vertical dispersion of Anopheles (Kerteszia) cruzi in a forest in southern Brazil suggests that human cases of malaria of simian origin might be expected. Deane LM, et al. **Mem Inst Oswaldo Cruz** 1984 Oct-Dec;79(4):461-3

Vectors of malaria in the Philippines. Catangui FP, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):139-40

Status of malaria vectors in Malaysia. Khoon CC. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):133-8

Vector incrimination studies and observations on species A and B of the taxon Anopheles culicifacies in Pakistan. Mahmood F, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):607-16

Seasonal vector density and disease incidence patterns of malaria in an area of Zimbabwe. Mpofu SM. **Trans R Soc Trop Med Hyg** 1985;79(2):169-75

Transmission of malaria by renal transplantation. Holzer BR, et al. **Transplantation** 1985 Mar;39(3):315-6

[The role of Anopheles lesteri anthropophagus in malaria transmission in Jianghuai Region, Anhui] Liu CF, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):216-9 (Eng. Abstr.) **(Chi)**

[A report of 15 cases of transfusion-induced malaria] Xiao WC. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):267 **(Chi)**

[Bionomics, malaria transmission and control of Anopheles balabacensis balabacensis] Yang TS. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):265-7 **(Chi)**

[Two cases of transfusion-induced quartan malaria] Zhang CF. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):273 **(Chi)**

[Malaria imported from Tanzania to Algeria. Apropos of a case resistant to chloroquine] Benzerroug EH. **Ann Soc Belg Med Trop** 1985;65(1):85-9 **(Fre)**

[Malaria: how to prevent the reestablishment of the transmission of the disease in Italy and practical advice on the chemoprophylaxis and chemotherapy of drug-resistant Plasmodium falciparum infections] Onori E. **Ann Ist Super Sanita** 1983;19(2-3):257-70 (93 ref.) (Eng. Abstr.) **(Ita)**

[Possible significance of the factor of optimal infecting doses in the causative agent-vector system in malaria] Alekseev AN. **Med Parazitol (Mosk)** 1985 May-Jun;(3):10-7 (Eng. Abstr.) **(Rus)**

[Insecticide (DDT and melathion) sensitivity and the contact irritability of malaria mosquitoes in natural populations in the Dagestan ASSR] Drobozina VP, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):44-6 (Eng. Abstr.) **(Rus)**

[Malaria in Southern Asia. 4. Population migration in India and its role in the epidemiology of malaria] Kondrashin AV, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):46-51 (Eng. Abstr.) **(Rus)**

[Malaria transmitted among drug addicts (letter)] González García J, et al. **Med Clin (Barc)** 1985 Mar 2;84(8):332 **(Spa)**

URINE

Urinary neopterin is elevated in patients with malaria. Reibnegger G, et al. **Trans R Soc Trop Med Hyg** 1984; 78(4):545-6

Origin of proteinuria in human malaria. Ehrich JH, et al. **Trop Med Parasitol** 1985 Mar;36(1):39-42

VETERINARY

Murine malaria: resistance of AXB/BXA recombinant inbred mice to Plasmodium chabaudi. Stevenson MM, et al. **Infect Immun** 1985 Feb;47(2):452-6

Studies on the North Korean strain of Plasmodium vivax in Aotus monkeys and different anophelines. Collins WE, et al. **J Parasitol** 1985 Feb;71(1):20-7

An outbreak of Plasmodium inui malaria in a colony of diabetic rhesus monkeys. Schofield LD, et al. **Lab Anim Sci** 1985 Apr;35(2):167-8

First report of natural infection with quartan malaria parasite Plasmodium shortti in Macaca fascicularis umbrosa (= virus) of Nicobar Islands [letter] Sinha S, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):567

Comparative infectivity of knobless and knobby clones of Plasmodium falciparum in splenectomized and intact Aotus trivirgatus monkeys. Lanners HN, et al. **Z Parasitenkd** 1984;70(6):739-45

[Preliminary observation on the susceptibility of Tupaia belangeri chinensis to malaria parasites] Dai ZR. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):277 **(Chi)**

MALASSEZIA

Pityrosporum orbiculare--a pathogenic factor in atopic dermatitis of the face, scalp and neck? Waersted A, et al. **Acta Derm Venereol [Suppl] (Stockh)** 1985;114:146-8

Malassezia folliculitis in immunocompromised patients. Yohn JJ, et al. **Cutis** 1985 Jun;35(6):536-8

Pityrosporum folliculitis: a common disease of the young and middle-aged. Bäck O, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):56-61

Broviac catheter-related Malassezia furfur sepsis in five infants receiving intravenous fat emulsions. Powell DA, et al. **J Pediatr** 1984 Dec;105(6):987-90

DRUG EFFECTS

In vitro and in vivo activities of ketoconazole and itraconazole against Pityrosporum orbiculare. Faergemann J. **Antimicrob Agents Chemother** 1984 Nov;26(5):773-4

In vitro antifungal effect of metronidazole on pityrosporum ovale. Nielsen PG. **Mykosen** 1984 Sep;27(9):475-6

[Evaluation of the sensitivity of lipophilic fungi of the genus Pityrosporum to antifungal drugs] Budak A, et al. **Med Dosw Mikrobiol** 1985;37(1):51-5 (Eng. Abstr.) **(Pol)**

IMMUNOLOGY

Humoral immunity in patients with tinea versicolor. Wu YC, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):161-6

ISOLATION & PURIFICATION

Pityrosporum folliculitis. Jillson OF. **Cutis** 1985 Mar; 35(3):226-7

The pathological and ecological significance of microorganisms colonizing acne vulgaris comedones. Leeming JP, et al. **J Med Microbiol** 1985 Aug;20(1):11-6

[Pityrosporum ovale in keratotic lesions of seborrheic areas] Bourlond A, et al. **Ann Dermatol Venereol** 1984; 111(12):1081-5 (Eng. Abstr.) **(Fre)**

PATHOGENICITY

The Pityrosporon yeasts. Their role as pathogens. Faergemann J, et al. **Int J Dermatol** 1984 Sep;23(7):463-5

[Presence of lipophilic fungi of the genus Pityrosporum in patients with pityriasis versicolor and their pathogenicity in experimental animals] Macura AB, et al. **Przegl Dermatol** 1985 Jan-Feb;72(1):71-6 (Eng. Abstr.) **(Pol)**

MALATE DEHYDROGENASE

Binary and ternary complexes of malate dehydrogenase with substrates and substrate analogs. Müller J. **Biochim Biophys Acta** 1985 Jul 18;830(1):95-100

ANALYSIS

Malic enzyme and malate dehydrogenase activities in rat tracheal epithelial cells during the progression of neoplasia. Wasilenko WJ, et al. **Cancer Lett** 1985 Aug;28(1):35-42

[Malate dehydrogenase polymorphism in Crithidia (Protozoa, Mastigophora)] Krylov MV, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1502-5 **(Rus)**

[Multiple forms of malate dehydrogenase (EC 1.1.1.37) in Crithidia asclepii and C. oncopelti (Mastigophora, Trypanosomatidae)] Krylov MV, et al. **Parazitologiia** 1984 Nov-Dec;18(6):425-9 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Diethylpyrocarbonate inactivation of NAD-malic enzyme from Ascaris suum. Rao JG, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):67-74

Determination of dissociation constants for enzyme-reactant complexes for NAD-malic enzyme by modulation of the thiol inactivation rate. Kiick DM, et al. **Biochemistry** 1984 Nov 6;23(23):5454-9

7-substituted-4-hydroxyquinoline-3-carboxylic acids as inhibitors of dehydrogenase enzymes and of the respiration of Ehrlich ascites tumor cells: multivariate analysis and quantitative structure-activity relationship for polar substituents. Dove S, et al. **J Med Chem** 1985 Apr; 28(4):447-51

[The effect of o,p'-dichlorodiphenyldichloroethane on malic enzyme activity of the adrenal glands] Mikosha AS. **Vopr Med Khim** 1985 Jan-Feb;31(1):61-4 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Induction of malic enzyme in explants of human adipose tissue by L-3,5,3'-triiodothyronine. Rao GS, et al. **Horm Metab Res [Suppl]** 1984;14:16-20

BLOOD

[A kinetic method for determination of malate dehydrogenase isoenzyme activities in blood plasma and tissue samples] Wagenknecht C, et al. **Z Med Lab Diagn** 1985;26(4):221-8 (Eng. Abstr.) **(Ger)**

[Clinical significance of determining lactate and malate dehydrogenase isoenzymes and hepatic ultrastructure in acute liver failure] Kozyrev MA. **Klin Med (Mosk)** 1984 Jul;62(7):101-5 (Eng. Abstr.) **(Rus)**

[Isoenzymes in patients with protracted viral hepatitis and their significance in the clinical course of the disease] Andriutsa KA. **Ter Arkh** 1985;57(5):133-7 **(Rus)**

GENETICS

Insulin mediates the asynchronous accumulation of hepatic albumin and malic enzyme messenger RNAs. Drake RL, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):317-24

Differences in tissue expressions of enzyme activities in interspecific sunfish (Centrarchidae) hybrids and their backcross progeny. Pasdar M, et al. **Biochem Genet** 1984 Oct;22(9-10):931-56

Linkage between the loci for mitochondrial malic enzyme (ME2) and coagulation factor XIIIA subunit (F13A). Kömpf J, et al. **Hum Genet** 1985;70(1):43-4

Mitochondrial malic enzyme polymorphism among different ethnic groups in Singapore. Bhattacharyya SP, et al. **Hum Hered** 1984;34(6):393-5

Isolation and expression of the Escherichia coli gene encoding malate dehydrogenase. Sutherland P, et al. **J Bacteriol** 1985 Sep;163(3):1074-9

Nutritional regulation of the synthesis and degradation of malic enzyme messenger RNA in duck liver. Goldman MJ, et al. **J Biol Chem** 1985 Apr 10;260(7):4404-8

Developmental and nutritional regulation of the messenger RNAs for fatty acid synthase, malic enzyme and albumin in the livers of embryonic and newly-hatched chicks. Morris SM Jr, et al. **Mol Cell Biochem** 1984 Sep;64(1):63-8

ISOLATION & PURIFICATION

Concomitant purification of three porcine heart mitochondrial enzymes: citrate synthase, aspartate aminotransferase, and malate dehydrogenase. McEvily AJ, et al. **Anal Biochem** 1985 Jan;144(1):159-64

Rapid purification and radioimmunoassay of cytosolic malic enzyme. Wise LS, et al. **Anal Biochem** 1984 Jul; 140(1):256-63

Purification of particulate malate dehydrogenase and phosphoenolpyruvate carboxykinase from Leishmania mexicana mexicana. Mottram JC, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):310-9

Malic enzymes of salmon trout heart mitochondria: separation and some physicochemical properties of NAD-preferring and NADP-specific enzymes. Skorkowski EF, et al. **Comp Biochem Physiol [B]** 1985; 80(4):901-7

Purification and properties of malolactic enzyme from Lactobacillus murinus CNRZ 313. Strasser de Saad AM, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):374-83

METABOLISM

Succinic and malic dehydrogenase histochemical activities in cerebral, cerebellar and neostriatum sections incubated in presence of d-amphetamine. Martínez-Murillo R, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):81-5

Thermostability of enzymes of the tricarboxylic acid cycle of Bacillus coagulans. Jones MV, et al. **Antonie Van Leeuwenhoek** 1985;51(2):193-201

Modulation of the activity of NAD malic enzyme from solanum tuberosum by changes in oligomeric state. Grover SD, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):418-25

Regulation of mitochondrial malate dehydrogenase: kinetic modulation independent of subunit interaction. McEvily AJ, et al. **Arch Biochem Biophys** 1985 Apr;238(1):229-36

Catabolite inactivation of fructose 1,6-bisphosphatase and cytoplasmic malate dehydrogenase in yeast. Funaguma T, et al. **Biochem Biophys Res Commun** 1985 Jul 16; 130(1):467-71

Influence of 2-mercaptopropionylglycine on DMBA-induced biochemical changes in regenerating mouse liver: II. Glucose-6-phosphate dehydrogenase, malic enzyme DNA, and protein. Dixit A, et al. **Biochem Int** 1983 Dec;7(6):775-83

Malic enzyme from the rat mammary gland. Grigor MR. **Biochem Int** 1983 Jun;6(6):751-5

The purification and steady-state kinetic behaviour of rabbit heart mitochondrial NAD(P)+ malic enzyme. Davisson VJ, et al. **Biochem J** 1985 Jan 15;225(2):335-42

Archaebacterial malate dehydrogenases. The enzymes from the thermoacidophilic organisms Sulfolobus acidocaldarius and Thermoplasma acidophilum show A-side stereospecificity for NAD+. Görisch H, et al. **Biochem J** 1985 Mar 15;226(3):885-8

Kinetic studies of the uptake of aspartate aminotransferase and malate dehydrogenase into mitochondria in vitro. Marra E, et al. **Biochem J** 1985 Jun 1;228(2):493-503

Some kinetic characteristics of immobilized protomers and native dimers of mitochondrial malate dehydrogenase: an examination of the enzyme mechanism. DuVal G, et al. **Biochemistry** 1985 Apr 9;24(8):2067-72

Use of intermediate partitioning to calculate intrinsic isotope effects for the reaction catalyzed by malic enzyme. Grissom CB, et al. **Biochemistry** 1985 Feb 12;24(4):944-8

Kinetic mechanism in the direction of oxidative decarboxylation for NAD-malic enzyme from Ascaris suum. Park SH, et al. **Biochemistry** 1984 Nov 6; 23(23):5446-53

Coupled reaction of immobilized aspartate aminotransferase and malate dehydrogenase. A plausible model for the cellular behaviour of these enzymes. Arrio-Dupont M, et al. **Biochim Biophys Acta** 1985 May 20;829(1):58-68

The pH dependence of the reductive carboxylation of pyruvate by malic enzyme. Nuiry II, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):295-8

Ligand binding and stabilization of malate- and lactate dehydrogenase. Hönes J. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):561-6

Subcellular distribution of the enzymes of the malate-aspartate shuttle in rat heart and effect of experimental cardiac hypertrophy. Mavrides C, et al. **Biosci Rep** 1985 Feb;5(2):95-100

Regulatory effects of potassium and inorganic anions on the NADP-specific malic enzyme of Escherichia coli. Brown DA, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):128-36

Cardiac malic enzyme in Friedreich's disease. Barbeau A, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):643-5

Friedreich's ataxia: malic enzyme activity in cellular fractions of cultured skin fibroblasts. Melançon SB, et al. **Can J Neurol Sci** 1984 Nov;11(4 Suppl):637-42

Asynchronous expression of the alcohol and supernatant malate dehydrogenase loci during Barbus hybrid development (Cypriniformes, Teleostei). Frankel JS. **Comp Biochem Physiol [B]** 1985;81(3):635-9

Properties and function of malate enzyme from Dicentrarchus labrax L. liver. Iniesta MG, et al. **Comp Biochem Physiol [B]** 1985;80(1):35-9

Cytoplasmic NADP-linked dehydrogenase activities in avian tissues. Pearson DJ, et al. **Comp Biochem Physiol [B]** 1985; 81(3):727-31

Effects of adrenaline pretreatment on in vitro binding of 125I-triiodothyronine to nuclear receptor, intracellular distribution of endogenous triiodothyronine and activities of alfa-glycerophosphate dehydrogenase and malic enzyme in rat liver. Nauman J, et al. **Horm Metab Res** 1984 Oct; 16(10):521-4

Lipogenic enzyme activity and fructose 2,6-bisphosphate concentration in livers of two lines of domestic fowl (Gallus domesticus) selected for different body fat content. Bannister DW, et al. **Int J Biochem** 1984;16(12):1301-5

Changes of the NADP-linked malic enzyme in the developing rat skeletal muscle. Zelewski M, et al. **Int J Biochem** 1985;17(3):387-92

Import of rat liver mitochondrial malate dehydrogenase. Binding of the precursor to mitochondria, an intermediate step in import. Chien SM, et al. **J Biol Chem** 1984 Nov 25;259(22):13633-6

Distributions of aspartate aminotransferase and malate dehydrogenase activities in rat retinal layers. Ross CD, et al. **J Histochem Cytochem** 1985 Jul;33(7):624-30

Mitochondrial malic enzyme in Friedreich's ataxia: failure to demonstrate reduced activity in cultured fibroblasts. Gray RG, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan; 48(1):70-4

Effects of diet and selected hormones on the activities of hepatic malic enzyme and glucose-6-phosphate dehydrogenase in infant, prematurely weaned rats. Back DW, et al. **J Nutr** 1985 May;115(5):625-32

The role of malic enzyme in the malate dependent biosynthesis of progesterone in the mitochondrial fraction of human term placenta. Swierczyński J, et al. **J Steroid Biochem** 1985 Mar;22(3):415-8

Glutamine synthetase and energy metabolism enzymes in cultured chick glial cells: modulation by dibutyryl cyclic AMP, hydrocortisone, and trypsinization. Tholey G, et al. **Neurochem Res** 1985 Feb;10(2):191-200

Effect of photooxidation on catalytic and regulatory properties of NAD-linked malic enzyme from Escherichia coli. Saito R, et al. **Physiol Chem Phys Med NMR** 1985; 17(1):45-51

[Effect of electrostimulation of the hypothalamus on the lactate and malate dehydrogenase activity and isoenzyme composition of the rat myocardium] Masiuk AI, et al. **Fiziol Zh** 1985 Jan-Feb;31(1):1-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

[Role of malic enzyme in skeletal muscle metabolism] Swierczyński J. **Postepy Biochem** 1984;30(3-4):251-71 (93 ref.) **(Pol)**

MALATE SYNTHASE see under **KETOACID-LYASES**

MALATES

ADMINISTRATION & DOSAGE

[Effects of L-malate on the ischemic myocardium--evaluation of its concentration] Sugama M, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):539-43 (Eng. Abstr.) **(Jpn)**

METABOLISM

The glucose-dependent transport of L-malate in Zygosaccharomyces bailii. Baranowski K, et al. **Antonie Van Leeuwenhoek** 1984;50(4):329-40

Mitochondrial-microsomal interactions in vitro: use of microsomal 7-ethoxycoumarin O-deethylase to study succinate-stimulated malate efflux from mitochondria. Holtzclaw WD, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):345-53

Oxaloacetate permeation in rat kidney mitochondria: pyruvate/oxaloacetate and malate/oxaloacetate translocators. Passarella S, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):1-10

The distribution of inorganic phosphate and malate between intra- and extramitochondrial spaces. Relationship with the transmembrane pH difference. Greenbaum NL, et al. **J Biol Chem** 1985 Jan 25;260(2):873-9

The role of malic enzyme in the malate dependent biosynthesis of progesterone in the mitochondrial fraction of human term placenta. Swierczyński J, et al. **J Steroid Biochem** 1985 Mar;22(3):415-8

PHARMACODYNAMICS

Effect of alpha-isopropylmalate on the synthesis of RNA and protein in Neurospora. Armaleo D, et al. **MGG** 1985; 200(2):346-9

PHYSIOLOGY

Alterations in some dehydrogenase profiles of sciatectomized toad gastrocnemius muscle-metabolic modifications by malate. Prasad GV, et al. **Indian J Physiol Pharmacol** 1984 Jul-Sep;28(3):227-30

THERAPEUTIC USE

Topical burn therapy comparing povidone-iodine ointment or cream plus aserbine, and povidone-iodine cream. de Kock M. **J Hosp Infect** 1985 Mar;6 Suppl A:127-32

MALATHION

The larvicide effect on Culicidae of microencapsulated malathion. Laboratory and field trials. Bîlbîe I, et al. **Arch Roum Pathol Exp Microbiol** 1984 Apr-Jun; 43(2):185-91

Interaction of O,O,S-trimethyl phosphorothioate and O,S,S-trimethyl phosphorodithioate, the impurities of malathion with supercoiled PM2 DNA. Richardson RJ 2d, et al. **Biochem Biophys Res Commun** 1985 Feb 15; 126(3):1251-8

The susceptibility of some insect population in Addis Ababa, Ethiopia to DDT and malathion. Mekuria Y, et al. **East Afr Med J** 1984 Aug;61(8):618-23

Specific resistance to malathion in laboratory and field populations of the Australian sheep blowfly, Lucilia cuprina (Diptera: Calliphoridae). Hughes PB, et al. **J Econ Entomol** 1984 Dec;77(6):1400-4

Esterase activity in strains of Aedes aegypti (Diptera: Culicidae) tolerant and susceptible to the organophosphate insecticide malathion. Field WN, et al. **J Med Entomol** 1984 Jul 26;21(4):412-8

[Insecticide (DDT and melathion) sensitivity and the contact irritability of malaria mosquitoes in natural populations in the Dagestan ASSR] Drobozina VP, et al. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):44-6 (Eng. Abstr.) **(Rus)**

ANALOGS & DERIVATIVES

Malathion and malaoxon: histopathology reexamination of the National Cancer Institute's carcinogenesis studies. Huff JE, et al. **Environ Res** 1985 Jun;37(1):154-73

Carcinogenicity and toxicity of malathion and malaoxon. Reuber MD. **Environ Res** 1985 Jun;37(1):119-53

METABOLISM

On malathion binding to tissue macromolecules in the rat. Ma TG, et al. **Acta Acad Med Wuhan** 1985;5(2):97-102

PHARMACODYNAMICS

Molecular mechanism for the inhibition of acetylcholinesterase enzyme by organophosphorothionates. Awad OM. **Enzyme** 1984;32(4):193-200

Comparative studies on the effect of a single oral dose of DDT or malathion on intestinal uptake of nutrients and brush border membrane enzymes in guinea pigs. Singh R, et al. **Indian J Gastroenterol** 1984 Jul;3(3):151-3

Effect of malathion spraying on four anopheline species and the development of resistance in A. stephensi in Mandora, Haryana. Subbarao SK, et al. **Indian J Malariol** 1984 Dec; 21(2):109-14

[The efficacy of malathion against head lice] de Boer R, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):793-6 (Eng. Abstr.) **(Dut)**

POISONING

Acute malathion toxicosis and related enzymatic alterations in Bubalus bubalis: antidotal treatment with atropine, 2-PAM, and diazepam. Gupta RC. **J Toxicol Environ Health** 1984;14(2-3):291-303

Detection of malathion in a victim by gas chromatography/negative ion chemical ionization mass spectrometry. Suzuki O, et al. **Z Rechtsmed** 1985; 94(2):137-43

[Morphologic changes in the nervous system in acute carbophos poisoning] Akimov GA, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1011-6 (Eng. Abstr.) **(Rus)**

[Poisoning by organophosphorus insecticides. Report of 2 cases] Menchaca-Marines MC, et al. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):393-7 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Efficacy of malathion and synergised bioallethrine in the treatment of head louse, Pediculus humanus ssp. capitis, infestations. de Boer R. **Acta Leiden** 1984;52:53-9

Pediculosis and the pediatrician. Rasmussen JE. **Pediatr Dermatol** 1984 Jul;2(1):74-9

[Insecticide resistance in pediculosis of the scalp] Kucirka S, et al. **Przegl Dermatol** 1984 Mar-Apr;71(2):165-9 (21 ref.) **(Pol)**

TOXICITY

Combination effect of carbaryl and malathion in rats. Abdel-Rahman MS, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):459-64

Cholinesterase activities in developing amphibian embryos following exposure to the insecticides dieldrin and malathion. de Llamas MC, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):161-6

Toxicity of endrin and malathion mixtures to flagfish (Jordanella floridae). Hermanutz RO, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):307-14

Alterations in rat liver microsomal enzymes following exposure to carbaryl and malathion in combination. Lechner DW, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):451-7

The effect of certain drugs on glycogen and acetylcholine levels in cerebral and peripheral tissues in rats with malathion induced hyperglycaemia. Matin MA, et al. **Arh Hig Rada Toksikol** 1984 Dec;35(4):325-32

Molt-inhibition in the crab Oziotelphusa senex senex following exposure to malathion and methyl parathion. Reddy PS, et al. **Bull Environ Contam Toxicol** 1985 Jul; 35(1):92-7

Atypical growth in Periplaneta brain after malathion treatment. Saxena PN, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):275-9

Cytopathological and numerical changes in haemocytes of Periplaneta americana after treatment with malathion. Saxena SC, et al. **Bull Environ Contam Toxicol** 1985 Jun; 34(6):842-9

Subchronic malathion treatment effects on rat intestinal functions. Wali RK, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):289-94

Genetic linkage between malathion and dieldrin resistance in Anopheles arabiensis. Lines JD, et al. **Can J Genet Cytol** 1984 Dec;26(6):646-50

Metabolic changes induced by organophosphates in the piscine organs. Awasthi M, et al. **Environ Res** 1984 Oct; 35(1):320-5

Augmented hepatic susceptibility to malathion toxicity in rats on low-protein diets. Bulusu S, et al. **Environ Res** 1984 Oct;35(1):53-65

Malathion and malaoxon: histopathology reexamination of the National Cancer Institute's carcinogenesis studies. Huff JE, et al. **Environ Res** 1985 Jun;37(1):154-73

Carcinogenicity and toxicity of malathion and malaoxon. Reuber MD. **Environ Res** 1985 Jun;37(1):119-53

The effect of malathion dust on certain tissues of male rats fed varying levels of dietary protein. Vaishwanar I, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):35-41

A teratology study of carbaryl and malathion mixtures in rat. Lechner DM, et al. **J Toxicol Environ Health** 1984; 14(2-3):267-78

Mutagenic and alkylating activities of organophosphate impurities of commercial malathion. Imamura T, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):1-6

MALEATES

ADMINISTRATION & DOSAGE

[Effect of a betamethasone-dimethidine-maleate combination on dermatologic diseases. Determination of plasma cortisol levels before, during and after several days' therapy] Venitz J, et al. **Fortschr Med** 1984 Sep 20;102(35):882-4 (Eng. Abstr.) **(Ger)**

ANALYSIS

Role of thermal dissociation in the direct gas-liquid chromatographic determination of amine maleate salts. Krikorian SE, et al. **Anal Chem** 1985 Jan;57(1):312-5

Simultaneous determination of maleic acid and timolol by high-performance liquid chromatography. Mazzó DJ. **J Chromatogr** 1984 Sep 21;299(2):503-7

CHEMICAL SYNTHESIS

[Immunodetermination of peptide factors. I. Synthesis of N-alpha-maleoyl-peptide derivatives] Wünsch E, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):53-61 (Eng. Abstr.) **(Ger)**

METABOLISM

Studies on the formation of electrostatic complexes between benzethonium chloride and anionic polymers. Tavss EA, et al. **J Pharm Sci** 1984 Aug;73(8):1148-52

[Chromatographic method of analyzing dioctyltin maleate in the sanitary-chemical analysis of polyvinyl chloride products] Novitskaia LP, et al. **Gig Sanit** 1985 Feb;(2):52-4 **(Rus)**

PHARMACODYNAMICS

Maleate-induced stimulation of glutamine metabolism in the intact dog kidney. Gougoux A, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F585-93

Tissue-specific induction of intestinal glutathione S-transferases by alpha beta-unsaturated carbonyl compounds. Masukawa T, et al. **Experientia** 1984 Nov 15; 40(11):1272-3

Maleate effects on kidney peptidases and proteinuria of male and female rats. Histochemical and biochemical studies. Asan E, et al. **Histochemistry** 1985;82(1):81-92

Transient depletion of lung glutathione by diethylmaleate enhances oxygen toxicity. Deneke SM, et al. **J Appl Physiol** 1985 Feb;58(2):571-4

Renal albumin reabsorption in normal and sodium maleate-treated rats. Cho J, et al. **Renal Physiol** 1985; 8(1):8-18

[Renal tubular acidification. Physiopathological models] Malnic G, et al. **Medicina (B Aires)** 1984;44(1):87-96 **(Spa)**

POISONING

Liver glutathione depletion induced by bromobenzene, iodobenzene, and diethylmaleate poisoning and its relation to lipid peroxidation and necrosis. Casini AF, et al. **Am J Pathol** 1985 Feb;118(2):225-37

TOXICITY

Modification of butylated hydroxytoluene-induced pulmonary toxicity in mice by diethyl maleate, buthionine sulfoximine, and cysteine. Mizutani T, et al. **Toxicol Lett** 1984 Dec;23(3):327-31

MALEIC ANHYDRIDES see under **FURANS**

MALEIC HYDRAZIDE see under **PYRIDAZINES**

MALEIMIDES

The conformation of the C-terminal region of actin: a site-specific photocrosslinking study using benzophenone-4-maleimide. Tao T, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):627-34

More useful maleimide compounds for the conjugation of Fab' to horseradish peroxidase through thiol groups in the hinge. Hashida S, et al. **J Appl Biochem** 1984 Feb-Apr; 6(1-2):56-63

The effects of ionic strength on the protein conformation and the fluidity of porcine intestinal brush border membranes. Fluorometric studies using N-[7-dimethylamino-4-methylcoumarinyl]maleimide and pyrene. Ohyashiki T, et al. **J Biol Chem** 1985 Jun 10; 260(11):6857-61

Application of a new method of antibody-enzyme conjugation with maleimide derivative for immunohistochemistry: hepatocellular production, interstitial tissue distribution, and renal cell reabsorption of plasma albumin in guinea pig. Tsuruta J, et al. **J Histochem Cytochem** 1985 Aug;33(8):767-77

A diazonium reagent which will introduce maleimide groups into proteins and peptides. Duncan RJ, et al. **J Immunol Methods** 1985 Jun 12;80(1):137-40

Kinetics and mechanism of the alkaline hydrolysis of maleimide. Khan MN. **J Pharm Sci** 1984 Dec; 73(12):1767-71

F-actin is intermolecularly crosslinked by N,N'-p-phenylenedimaleimide through lysine-191 and cysteine-374. Elzinga M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6599-602

[The location of the fluorescent peripheral zone of disulfide bonds with DACM reagent. With special reference to the marginal band of the stratum corneum cells] Tadashi T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):921-5 **(Jpn)**

METABOLISM

Characterization of the actin-binding site on the alkali light chain of myosin. Henry GD, et al. **Biochim Biophys Acta** 1985 Aug 23;830(3):233-43

Interaction between the subunits of human erythrocyte spectrin using a fluorescence probe. Yoshino H, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):786-92

Labeling of a thiol residue in sarcoplasmic reticulum ATPase by pyrene maleimide. Solvent accessibility studied by fluorescence quenching. Kurtenbach E, et al. **J Biol Chem** 1985 Aug 15;260(17):9636-41

PHARMACODYNAMICS

Inactivation of rat ovarian 20 alpha-hydroxysteroid dehydrogenase by N-alkylmaleimides. Pongsawasdi P, et al. **Arch Biochem Biophys** 1984 Sep;233(2):481-8

Inactivation of unbound rat liver glucocorticoid receptor by N-alkylmaleimides at sub-zero temperatures. Formstecher P, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):306-13

Effect of maleimide derivatives on superoxide-generating system of guinea-pig neutrophils stimulated by different soluble stimuli. Yamashita T, et al. **Eur J Biochem** 1984 Nov 15;145(1):71-6

Crucial role of sulfhydryl groups in the mitochondrial inner membrane structure. Lê-Quôc K, et al. **J Biol Chem** 1985 Jun 25;260(12):7422-8

The inhibition of hexose transport by permeant and impermeant sulfhydryl agents in rat adipocytes. May JM. **J Biol Chem** 1985 Jan 10;260(1):462-7

[Studies on the experimental chemotherapy for dermatomycosis and candidiasis. IX. On the antifungal activity of various maleimide and succinimide compounds] Matsui S, et al. **Yakugaku Zasshi** 1984 Nov; 104(11):1198-206 (Eng. Abstr.) **(Jpn)**

MALFUNCTION, EQUIPMENT see **EQUIPMENT FAILURE**

MALIC ENZYME see **MALATE DEHYDROGENASE**

MALIGNANT CARCINOID SYNDROME

Bronchial carcinoid presenting with cutaneous metastases. Archer CB, et al. **J R Soc Med** 1984;77 Suppl 4:33-4

COMPLICATIONS

Coronary artery spasm and cardiac arrest in carcinoid heart disease. Topol EJ, et al. **Am J Med** 1984 Nov;77(5):950-2

Carcinoid syndrome: an unusual cause of diarrhoea. King MD, et al. **Arch Dis Child** 1985 Mar;60(3):269-71

Use of vecuronium in carcinoid syndrome [letter] Simpson KH. **Br J Anaesth** 1985 Sep;57(9):934

Psychiatric symptoms in carcinoid syndrome. Trivedi S. **J Indian Med Assoc** 1984 Aug;82(8):292-4

[Carcinoid syndrome with permanent skin manifestations] Mathieu A, et al. **Ann Dermatol Venereol** 1984;111(8):735-6 **(Fre)**

DIAGNOSIS

The pentagastrin test in the diagnosis of the carcinoid syndrome. Blockade of gastrointestinal symptoms by ketanserin. Ahlman H, et al. **Ann Surg** 1985 Jan;201(1):81-6

Insidious onset of fatigue, dyspnea, and leg edema. Lee YC, et al. **Arch Intern Med** 1985 Oct;145(10):1893-4

The pentagastrin test in the diagnosis of the carcinoid syndrome. Ahlman H, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S86-8

Echocardiographic manifestations of carcinoid heart disease. Ptacin MJ, et al. **Wis Med J** 1984 Oct;83(10):30-2

ETIOLOGY

Pseudocarcinoid syndrome due to medullary carcinoma of the thyroid. Tucker LE, et al. **Mo Med** 1984 Sep; 81(9):607-8, 620

[Microcarcinoidosis of the stomach. Diffuse hyperplasia of endocrine c ells and multiple polyp-like carcinoids] Grouls V, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):915-9 (Eng. Abstr.) **(Ger)**

METABOLISM

Increased dopamine production in patients with carcinoid tumors. Feldman JM. **Metabolism** 1985 Mar;34(3):255-60

PATHOLOGY

The carcinoid syndrome: comparison of 21 necropsy subjects with carcinoid heart disease to 15 necropsy subjects without carcinoid heart disease. Ross EM, et al. **Am J Med** 1985 Sep;79(3):339-54

Carcinoid tumors and carcinoid syndrome [clinical conference] **W Va Med J** 1984 Sep;80(9):196-201

[Clinico-anatomic characteristics of carcinoid tumors of the small intestine] Derizhanova IS. **Khirurgiia (Mosk)** 1985 Mar;(3):30-3 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Primary carcinoid tumours of the ileum: the radiological appearances. Jeffree MA, et al. **Clin Radiol** 1984 Nov; 35(6):451-5

SECRETION

The carcinoid syndrome: neuroendocrine and chemical considerations. Aleshire SL, et al. **Clin Lab Med** 1984 Dec; 4(4):803-15 (72 ref.)

THERAPY

Malignant rectal carcinoid: a sequential multidisciplinary approach for successful treatment of hepatic metastases. Azizkhan RG, et al. **Am J Surg** 1985 Feb;149(2):210-4

Control of carcinoid syndrome with hepatic artery embolization. Mitty HA, et al. **Radiology** 1985 Jun; 155(3):623-6

MALIGNANT CATARRH

DIAGNOSIS

Malignant catarrhal fever in a free-ranging black-tailed deer (Odocoileus hemionus columbianus) in California. Jessup DA. **J Wildl Dis** 1985 Apr;21(2):167-9

MICROBIOLOGY

Ultrastructure of cellular changes in the replication of the alcelaphine herpesvirus-1 of malignant catarrhal fever. Castro AE, et al. **Am J Vet Res** 1985 Jun;46(6):1231-7

Neutralising antibodies to wildebeest-derived malignant catarrhal fever virus in African wildlife. Hamblin C, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(3-4):195-9

PATHOLOGY

Dexamethasone-induced recrudescence of malignant catarrhal fever and associated lymphosarcoma and granulomatous disease in a Formosan sika deer (Cervus nippon taiouanus). Heuschele WP, et al. **Am J Vet Res** 1985 Jul;46(7):1578-83

Malignant catarrhal fever in a Shira's moose (Alces alces shirasi Nelson). Williams ES, et al. **J Wildl Dis** 1984 Jul; 20(3):230-2

Ocular lesions of bovine malignant catarrhal fever. Whiteley HE, et al. **Vet Pathol** 1985 May;22(3):219-25

TRANSMISSION

Transmission of a malignant catarrhal fever-like syndrome to sheep: preliminary experiments. Buxton D, et al. **Res Vet Sci** 1985 Jan;38(1):22-9

MALIGNANT HYPERPYREXIA see **MALIGNANT HYPERTHERMIA**

MALIGNANT HYPERTHERMIA

Malignant hyperthermia in pregnancy. Cupryn JP, et al. **Am J Obstet Gynecol** 1984 Oct 1;150(3):327-8

More on malignant hyperthermia during delivery [letter] Kaplan RF, et al. **Am J Obstet Gynecol** 1985 Jul 1; 152(5):608-9

Malignant hyperthermia: is etomidate safe? Suresh MS, et al. **Anesth Analg** 1985 Apr;64(4):420-4

Use of atracurium in a patient susceptible to malignant hyperthermia [letter] Michel PA, et al. **Anesthesiology** 1985 Feb;62(2):213

Malignant hyperpyrexia. Ellis FR. **Arch Dis Child** 1984 Nov; 59(11):1013-5

BLOOD

The use of a platelet nucleotide assay as a possible diagnostic test for malignant hyperthermia. Lee MB, et al. **Anesthesiology** 1985 Sep;63(3):311-5

Exercise, cyclic AMP and malignant hyperpyrexia susceptibility [letter] Campbell IT. **Br J Anaesth** 1985 Aug; 57(8):837-8

Cyclic AMP in normal and malignant hyperpyrexia susceptible individuals following exercise. Stanec A, et al. **Br J Anaesth** 1984 Nov;56(11):1243-6

CHEMICALLY INDUCED

Medical protocol by habit--the avoidance of amide local anesthetics in malignant hyperthermia susceptible patients [letter] Adragna MG. **Anesthesiology** 1985 Jan;62(1):99-100

More about masseter spasm and malignant hyperthermia [letter] Rosenberg H, et al. **Anesthesiology** 1985 Feb; 62(2):212

[Malignant hyperthermia: biochemico-metabolic aspects and personal experiences] Di Prospero S, et al. **Clin Ter** 1984 Sep 30;110(6):549-53 (Eng. Abstr.) **(Ita)**

COMPLICATIONS

Malignant hyperpyrexia and sudden death. Ranklev E, et al. **Am J Forensic Med Pathol** 1985 Jun;6(2):149-50

DIAGNOSIS

End-tidal CO2 monitoring. Its use in the diagnosis and management of malignant hyperthermia. Baudendistel L, et al. **Anaesthesia** 1984 Oct;39(10):1000-3

Malignant hyperthermia--or not? Moxon MA. **Anaesthesia** 1985 Jul;40(7):693-5

Another use for mass spectrometry: detection and monitoring of malignant hyperthermia. Neubauer KR, et al. **Anesth Analg** 1985 Aug;64(8):837-9

Early detection of malignant hyperthermia [letter] Baumgarten RK, et al. **Anesthesiology** 1985 Jul;63(1):123

Femoral block with mepivacaine for muscle biopsy in malignant hyperthermia patients. Berkowitz A, et al. **Anesthesiology** 1985 May;62(5):651-2

Value of mass spectrometry in early diagnosis of malignant hyperthermia [letter] Dunn CM, et al. **Anesthesiology** 1985 Sep;63(3):333

A protocol for the investigation of malignant hyperpyrexia (MH) susceptibility. The European Malignant Hyperpyrexia Group. **Br J Anaesth** 1984 Nov; 56(11):1267-9

European Malignant Hyperpyrexia Group [editorial] Ellis FR. **Br J Anaesth** 1984 Nov;56(11):1181-2

Investigation of malignant hyperthermia in Denmark and Sweden. Ording H, et al. **Br J Anaesth** 1984 Nov; 56(11):1183-90

Diagnosis of malignant hyperthermia: implications for the military. Biscardi HM, et al. **Milit Med** 1985 Jun; 150(6):293-6

Heat stroke, stress, and malignant hyperthermia. Jardon OM. **Nebr Med J** 1985 Jun;70(6):195-9

[Malignant hyperthermia] Eliet B, et al. **Cah Anesthesiol** 1984 Sep;32(5):387-9 **(Fre)**

[Suspected case of malignant hyperthermia of sporadic onset] Rinaldi M, et al. **Minerva Pediatr** 1985 May 15;37(9):361-4 (Eng. Abstr.) **(Ita)**

[Scoliosis and malignant hyperthermia] Sunohara N, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1149-54 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Malignant hyperthermia. Faust DK. **Alaska Med** 1985 Jan-Mar;27(1):1-2

Prophylactic and therapeutic doses of dantrolene for malignant hyperthermia [letter] Flewellen EH, et al. **Anesthesiology** 1984 Oct;61(4):477

Verapamil and malignant hyperthermia--case reports. Keilani MR, et al. **Middle East J Anaesthesiol** 1985 Feb; 8(1):37-45

[Treatment of malignant hyperthermia by dantrolene sodium administered through a nasogastric tube] Nagase M, et al. **Masui** 1984 Sep;33(9):1021-6 (Eng. Abstr.) **(Jpn)**

[A case of malignant hyperthermia; successful treatment with intravenous dantrolene sodium] Noda B, et al. **Masui** 1985 Jun;34(6):822-7 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

[Elevated creatine kinase activity (letter)] Feil G. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1462 **(Ger)**

ETIOLOGY

Relationship between neuroleptic malignant syndrome and malignant hyperthermia [letter] Liskow BI. **Am J Psychiatry** 1985 Mar;142(3):390

Unexplained hyperpyrexia during labour [letter] Gibbs JM. **Anaesth Intensive Care** 1984 Nov;12(4):375

Vecuronium and porcine malignant hyperthermia. Buzello W, et al. **Anesth Analg** 1985 May;64(5):515-9

Masseter spasm with anesthesia: incidence and implications. Schwartz L, et al. **Anesthesiology** 1984 Dec;61(6):772-5

Calmodulin and malignant hyperpyrexia. Marjanen LA, et al. **Biochem Med** 1984 Oct;32(2):283-7

Occurrence of malignant hyperpyrexia in a patient with osteogenesis imperfecta. Rampton AJ, et al. **Br J Anaesth** 1984 Dec;56(12):1443-6

Malignant hyperthermia and local anesthesia. Fried AB, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):184-91

Fatal malignant hyperthermia as a result of ingestion of tranylcypromine (Parnate) combined with white wine and cheese. Mirchandani H, et al. **J Forensic Sci** 1985 Jan; 30(1):217-20

[Anesthesia-induced rhabdomyolysis in a patient with Fukuyama-type congenital muscular dystrophy] Nakazato A, et al. **No To Hattatsu** 1984 Sep;16(5):386-92 (Eng. Abstr.) **(Jpn)**

[Malignant hyperthermia. Report of a case] Marín Ruiz R, et al. **Ginecol Obstet Mex** 1983 Sep;51(317):241-4 (Eng. Abstr.) **(Spa)**

[Malignant syndrome caused by neuroleptics. Rapid response to biperiden in a case of brief development (letter)] Castilla Cortázar A, et al. **Med Clin (Barc)** 1985 Apr 13;84(14):588 **(Spa)**

[Malignant hyperthermia] Nalda MA, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):74-7 (9 ref.) **(Spa)**

FAMILIAL & GENETIC

Malignant hyperthermia: a possible new variant. Lee DS, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):268-71

Malignant hyperthermia. Ahmad I, et al. **J Med Soc NJ** 1985 Apr;82(4):303-5

METABOLISM

Low molecular weight proteins in human malignant hyperthermic muscle. Blanck TJ, et al. **Anesthesiology** 1984 Nov;61(5):589-92

Low molecular weight proteins in human malignant hyperthermia muscle [letter] Fletcher JE, et al. **Anesthesiology** 1985 Jun;62(6):849-50

Experimental porcine malignant hyperthermia: macromolecular characterization of muscle plasma membranes. Niebrój-Dobosz I, et al. **Med Biol** 1984; 62(4):250-4

NURSING

Home study program. Malignant hyperthermia. **AORN J** 1985 Feb;41(2):368-79

Malignant hyperthermia. A peroperative emergency. Rogers AL, et al. **AORN J** 1985 Feb;41(2):369-74

OCCURRENCE

Incidence of malignant hyperthermia in Denmark. Ording H. **Anesth Analg** 1985 Jul;64(7):700-4

[Temporary registration of cases of peranesthetic malignant hyperthermia in France] Jacquot C, et al. **Ann Fr Anesth Reanim** 1985;4(3):318-20 **(Fre)**

PATHOLOGY

An autopsy case of malignant hyperthermia. Kimura H, et al. **Forensic Sci Int** 1985 Jan;27(1):25-30

[Apyretic malignant hyperthermia. Apropos of a case] Precious DS, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(6):488-92 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

In vitro interaction between halothane and succinylcholine in human skeletal muscle: implications for malignant hyperthermia and masseter muscle rigidity. Fletcher JE, et al. **Anesthesiology** 1985 Aug;63(2):190-4

Malignant hyperthermia: molecular defects in membrane permeability. Cheah KS, et al. **Experientia** 1985 May 15; 41(5):656-61 (159 ref.)

[Contracture responses of the muscle from a patient with malignant hyperthermia to drugs] Iwatsuki N, et al. **Masui** 1984 Jul;33(7):731-6 (Eng. Abstr.) **(Jpn)**

PREVENTION & CONTROL

Prolonged vecuronium neuromuscular blockade in a patient receiving orally administered dantrolene. Driessen JJ, et al. **Anesthesiology** 1985 Apr;62(4):523-4

Malignant hyperthermia. Britt BA. **Can Anaesth Soc J** 1985 May;32(3 Pt 2):S40-1

Availability of dantrolene in Canadian hospitals [editorial] Duncan PG. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):205-9 **(Eng, Fre)**

Avoidance of malignant hyperthermia in a porcine model for experimental open heart surgery. Ehler WJ, et al. **Lab Anim Sci** 1985 Apr;35(2):172-5

[Anesthesiologic management of the patient threatened by malignant hyperthermia] Scholtes JL, et al. **Cah Anesthesiol** 1985 Mar;33(2):159-60 **(Fre)**

[Atypical course of malignant hyperthermia] Gumpenberger H. **Anaesthesist** 1985 Mar;34(3):134-6 (Eng. Abstr.) **(Ger)**

THERAPY

Malignant hyperthermia, a surgeon's nightmare. Lowe MK. **J Foot Surg** 1985 Mar-Apr;24(2):139-41

Cooling technique for malignant hyperthermia [letter] Lloyd EL, et al. **Lancet** 1985 Jul 13;2(8446):97

VETERINARY

Halothane testing for malignant hyperthermia in swine: dose-response effects. McGrath CJ, et al. **Am J Vet Res** 1984 Sep;45(9):1734-6

Porcine malignant hyperthermia susceptibility: erythrocytic osmotic fragility. O'Brien PJ, et al. **Am J Vet Res** 1985 Jul;46(7):1451-6

Canine malignant hyperthermia susceptibility: erythrocytic defects--osmotic fragility, glucose-6-phosphate dehydrogenase deficiency and abnormal Ca2+ homeostasis. O'Brien PJ, et al. **Can J Comp Med** 1984 Oct; 48(4):381-9

Malignant hyperthermia in a dog: case report and review of the syndrome. Kirmayer AH, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):978-82

Canine stress syndrome [letter] O'Brien PJ, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):432-3

[Malignant hyperthermia in halothane-sensitive swine following maximal neuromotor stress] Pohlann R, et al. **Arch Exp Veterinarmed** 1984 May;38(3):302-10 (Eng. Abstr.) **(Ger)**

[Muscle fibers of pigs sensitive to halothane and resistant to it] Uhrin V, et al. **Vet Med (Praha)** 1985 Apr;30(4):217-30 (Eng. Abstr.) **(Slo)**

[Malignant hyperthermia in pigs (letter)] Alvarez Escudero J, et al. **Rev Esp Anestesiol Reanim** 1984 Sep-Oct;31(5):211 **(Spa)**

MALINGERING

Factitious arrhythmia [letter] Sturmann K, et al. **Ann Emerg Med** 1985 Aug;14(8):829-30

Spurious sanguineous lacrimation. Jordan DR, et al. **Can J Ophthalmol** 1984 Dec;19(7):315-6

Another aspect of contrived disease: 'dermatitis simulata'. King CM, et al. **Cutis** 1984 Nov;34(5):463-4

[Impaired health as a cause for inability to take exams] Bachmann W. **Off Gesundheitswes** 1984 Oct;46(10):507-11 **(Ger)**

[Automanipulation of disease. Self-induced, aggravated, simulated disease and automutilation] Scharfetter C. **Schweiz Med Wochenschr** 1984 Aug 25;114(34):1142-9 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Uncovering malingered amnesia. Brandt J, et al. **Ann NY Acad Sci** 1985;444:502-3

The detection of malingered amnesia in accused murderers. Parwatikar SD, et al. **Bull Am Acad Psychiatry Law** 1985; 13(1):97-103

The dissimulating disorders: a single diagnostic entity? Jonas JM, et al. **Compr Psychiatry** 1985 Jan-Feb;26(1):58-62

Functional disease in neuro-ophthalmology. Smith CH, et al. **Neurol Clin** 1983 Nov;1(4):955-71 (30 ref.)

The California syndrome. Functional visual complaints with potential economic impact. Keltner JL, et al. **Ophthalmology** 1985 Mar;92(3):427-35

[Pathomimesis] Verbenko EV, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):51-4 (Eng. Abstr.) **(Rus)**

HISTORY

Nervous disease and malingering: the status of psychosomatic concepts in nineteenth century medicine. McMahon CE. **Int J Psychosom** 1984;31(3):15-9

Nostalgia and malingering in the military during the Civil War. Anderson DL, et al. **Perspect Biol Med** 1984 Autumn; 28(1):156-66

PSYCHOLOGY

Malingering and malingering-like behavior: some clinical and conceptual issues. Travin S, et al. **Psychiatr Q** 1984 Fall; 56(3):189-97

[Dissimulation of epilepsy by soldiers] Umićević P, et al. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):266-8 **(Scr)**

MALLEUS see under **EAR OSSICLES**

MALLOPHAGA

Parasitic arthropods of wood ducks, Aix sponsa L., in the Atlantic Flyway. Thul JE. **J Wildl Dis** 1985 Jul;21(3):316-8

Tricholipeurus balanicus balanicus (Werneck, 1938) (Mallophaga, Trichodectidae) on blackbuck antelope (Antilope cervicapra L.) in Texas. Wright FC. **J Wildl Dis** 1985 Jan;21(1):68

ULTRASTRUCTURE

[Scanning electron microscopic study of female Bovicola caprae and B. limbata (Mallophaga) of Capra hircus] Soler-Cruz MD, et al. **Angew Parasitol** 1985 Mar; 26(1):47-50 **(Ger)**

MALLORY-WEISS SYNDROME

[Current concept of the Mallory-Weiss syndrome] Ponce García J, et al. **Med Clin (Barc)** 1985 Jun 1;85(1):32-6 (27 ref.) **(Spa)**

[The men behind the syndrome: Kenneth Mallory and Soma Weiss. They surveyed the neuromuscular cooperation which cause the rifts in gastric mucosa] Forssblad M, et al. **Lakartidningen** 1985 Jul 24;82(30-31):2587-8 **(Swe)**

CHEMICALLY INDUCED

[A case of Mallory-Weiss syndrome as a complication of treatment with raupasil] Lata S, et al. **Wiad Lek** 1984 Oct 1;37(19):1557-9 (Eng. Abstr.) **(Pol)**

COMPLICATIONS

Gastrointestinal hemorrhage due to Mallory-Weiss syndrome in an infant. Cannon RA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):323-4

DIAGNOSIS

[Diagnosis and treatment of Mallory-Weiss syndrome] Sołtysiak A, et al. **Pol Tyg Lek** 1984 Jun 4;39(23):773-5 (Eng. Abstr.) **(Pol)**

[Mallory-Weiss syndrome. Review of 25 cases] Ballesteros JA, et al. **Rev Clin Esp** 1985 Feb;176(2):72-3 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Possibility of Mallory-Weiss syndrome in cancer patients [letter] Stein ZL, et al. **Clin Pharm** 1984 Sep-Oct;3(5):471

Mallory-Weiss syndrome. Experience in a community hospital. Ansari A. **Postgrad Med** 1984 Dec;76(8):189-95, 198

[Predisposing and precipitating factors in Mallory-Weiss syndrome] Mearin F, et al. **Rev Esp Enferm Apar Dig** 1984 Aug;66(2):95-102 (Eng. Abstr.) **(Spa)**

SURGERY

Mallory-Weiss syndrome in a 10-month-old infant requiring surgery. Powell TW, et al. **J Pediatr Surg** 1984 Oct; 19(5):596-7

[Mallory-Weiss syndrome. A case diagnosed by endoscopy and treated by surgery] Nociti V, et al. **Minerva Med** 1985 Feb 28;76(8):333-9 **(Ita)**

MALNUTRITION see **NUTRITION DISORDERS**

MALOCCLUSION

see related
ORTHODONTICS, CORRECTIVE
PROGNATHISM
RETROGNATHISM

COMPLICATIONS

Effects of the degree of overbite and overjet on dental health. Silness J, et al. **J Clin Periodontol** 1985 May;12(5):389-98

Malocclusion, masticatory muscle, and temporomandibular joint tenderness. Bush FM. **J Dent Res** 1985 Feb; 64(2):129-33

Mandibular dysfunction in 10-18 year old school children as related to morphological malocclusion. Lieberman MA, et al. **J Oral Rehabil** 1985 May;12(3):209-14

Possible role of tensile stress in the etiology of cervical erosive lesions of teeth. Lee WC, et al. **J Prosthet Dent** 1984 Sep;52(3):374-80

[Plaque accumulation due to masticatory functional disorder--an experimental animal study on adult Cercopithecus aethiops monkeys] Kasperk C, et al. **Dtsch Zahnarztl Z** 1984 Jun;39(6):469-74 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Relationship between occlusal factors and signs and symptoms of mandibular dysfunction. A clinical study of 48 dental students. Droukas B, et al. **Acta Odontol Scand** 1984 Oct;42(5):277-83

The nasopharynx, face height, and overbite. Kerr WJ. **Angle Orthod** 1985 Jan;55(1):31-6

Lower molar crowding in the early permanent dentition. Richardson ME. **Angle Orthod** 1985 Jan;55(1):51-7

Testing for occlusal disharmonies. Henry PJ. **Int Dent J** 1985 Jun;35(2):118-23 (52 ref.)

Measurement of overjet and overbite. Laine T, et al. **Proc Finn Dent Soc** 1984;80(3):121-6

[Open bite in children. Contribution to its study] Fourestier J, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):147-52 (Eng. Abstr.) **(Fre)**

[Anterior open bite: the role of the infra-alveolae in its diagnosis and treatment] Scheffer P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):87-9 (Eng. Abstr.) **(Fre)**

[The value of photography in orthodontics. Apropos of a study and the soft-tissue profile of a Tunisian population] Boukef I. **Tunis Med** 1983 Jul-Aug;61(4):296-8 **(Fre)**

[Terminal joint axis position and instrumental function analysis in orthodonties] Schrems HT, et al. **Fortschr Kieferorthop** 1984 Oct;45(5):373-81 (Eng. Abstr.) **(Ger)**

[Symptoms of mandibular dysfunction in children and young people with malocclusion] Herzog G, et al. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):390-400 (Eng. Abstr.) **(Ger)**

[Prognosis of dental arch insufficiency in the premolar and canine region by the Moyers index] Gács M, et al. **Fogorv Sz** 1985 Jan;78(1):16-9 (Eng. Abstr.) **(Hun)**

[Anomalies in the basal-distal relationship. I. The concept and strategy for differential diagnosis] da Cruz JP. **Rev Port Estomatol Cir Maxilofac** 1984 Apr-Jun; 25(2):suppl 1-58 **(Por)**

[Anomalies of the basal-distal relationship. III] da Cruz JP. **Rev Port Estomatol Cir Maxilofac** 1985 Jan-Mar; 26(1):109-71 **(Por)**

[Symmetrographic analysis of the hard palate in orthognathic bite, narrowed dental arches and open bite] Zhulev EN. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):49-51 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Prediction of mandibular incisor and canine crowding changes in the mixed dentition. Sampson WJ, et al. **Am J Orthod** 1985 Jul;88(1):47-63

Digital deformities and dental malocclusion due to finger sucking. Reid DA, et al. **Br J Plast Surg** 1984 Oct; 37(4):445-52

Maxillonasal dysostosis (Binder syndrome); a review of the literature and case reports. Ferguson JW, et al. **Eur J Orthod** 1985 May;7(2):145-8

Recognizing tongue related malocclusions. Mikell B. **Int J Orthod** 1985 Spring;23(1-2):4-7

Relationship between alignment conditions of teeth in anterior segments and dental health. Silness J, et al. **J Clin Periodontol** 1985 Apr;12(4):312-20

Flange adaptation discrepancy, palatal base distortion, and induced malocclusion caused by processing acrylic resin maxillary complete dentures. McCartney JW. **J Prosthet Dent** 1984 Oct;52(4):545-53

[Management of neuromuscular training and psychotherapy] Bouvet JM, et al. **Rev Stomatol Chir Maxillofac** 1985; 86(3):153-5 (Eng. Abstr.) **(Fre)**

[Pathogenesis of spontaneous late changes in the dental arches] Coutand A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):273-5 (Eng. Abstr.) **(Fre)**

[Importance of the vestibulolingual cuspal distances for transverse occlusal relationships] Löhr E, et al. **Fortschr Kieferorthop** 1984 Aug;45(4):298-303 (Eng. Abstr.) **(Ger)**

[Treatment and prognosis of crowding in cheilognathopalatoschisis with special reference to the Vienna concept] Hoffmann D, et al. **Zahn Mund Kieferheilkd** 1984;72(8):803-10 (Eng. Abstr.) **(Ger)**

[Malocclusion in children with strabismus and selected congenital syndromes] Jakubiak T, et al. **Klin Oczna** 1984 Sep;86(9):391-3 (Eng. Abstr.) **(Pol)**

[Effect of operations on the maxillary sinuses in children on the development of facial soft tissue and bone] Brzezińska H, et al. **Otolaryngol Pol** 1985;39(1):33-7 (Eng. Abstr.) **(Pol)**

[Mechanism of the formation of maxillodental deformities following the partial loss of teeth] Krishtab SI, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):60-1 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Thumb sucking habit and associated dental differences in one of monozygous twins. Willmot DR. **Br J Orthod** 1984 Oct; 11(4):195-9

Early hypercementosis and arrested dental eruption: heritable multiple ankylodontia. Israel H. **J Craniofac Genet Dev Biol** 1984;4(3):243-6

OCCURRENCE

An epidemiologic transition in dental occlusion in world populations. Corruccini RS. **Am J Orthod** 1984 Nov; 86(5):419-26

Malocclusion in black Americans and Nyeri Kenyans. An epidemiologic study. Garner LD, et al. **Angle Orthod** 1985 Apr;55(2):139-46

Prevalence of malocclusion in mentally retarded young adults. Vigild M. **Community Dent Oral Epidemiol** 1985 Jun;13(3):183-4

Oral health status in the United States: prevalence of malocclusion. McLain JB, et al. **J Dent Educ** 1985 Jun; 49(6):386-97

Morphology of the dentition in young adults. An epidemiological study on Finnish students. Laine T. **Proc Finn Dent Soc** 1984;80 Suppl 3-4:1-42

[Survey on the malocclusion of deciduous teeth among 3,095 children in Tianjin] Yao PY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):117-9 **(Chi)**

[Complex analysis of the tasks of pediatric dentistry. (III) Orthodontic studies] Paphalmy Z, et al. **Fogorv Sz** 1984 Aug;77(8):235-9 (Eng. Abstr.) **(Hun)**

[Epidemiological characteristics of maxillodental anomalies in children living in the northern European part of the USSR] Obratsov IuL, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):46-8 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Components of adult Class III open-bite malocclusion. Ellis E 3d, et al. **Am J Orthod** 1984 Oct;86(4):277-90

Mandibular incisor dimensions and crowding. Gilmore CA, et al. **Am J Orthod** 1984 Dec;86(6):493-502

A comparison of arch widths in adults with normal occlusion and adults with class II, Division 1 malocclusion. Staley RN, et al. **Am J Orthod** 1985 Aug;88(2):163-9

Canonical correlations between masticatory muscle orientation and dentoskeletal morphology in children. Takada K, et al. **Am J Orthod** 1984 Oct;86(4):331-41

Malocclusion and facial morphology is there a relationship? An epidemiologic study. Siriwat PP, et al. **Angle Orthod** 1985 Apr;55(2):127-38

Bilateral malposition of maxillary second premolars: report of case. Cheung WS. **ASDC J Dent Child** 1985 Jan-Feb; 52(1):52-4

A cephalometric comparison between Angle Class II, division 2 malocclusion and normal occlusion in adults. Fischer-Brandies H, et al. **Br J Orthod** 1985 Jul; 12(3):158-62

Saddle angle and maxillary prognathism: a radiological analysis of the association between the NSAr and SNA angles. Järvinen S. **Br J Orthod** 1984 Oct;11(4):209-13

Components of adult Class II open-bite malocclusion. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):92-105

The frequency and distribution of skeletal and dental components in Class II orthognathic surgery patients. Lawrence TN, et al. **J Oral Maxillofac Surg** 1985 Jan; 43(1):24-34

[Structure of the dentition in young adults. An epidemiological study in Finnish students] Laine T. **Proc Finn Dent Soc** 1985;81(1):55-6 (Eng. Abstr.) **(Fin)**

[Mordex apertus lateralis--a contribution to lateral apertognathia] Fischer-Brandies H. **Dtsch Zahnarztl Z** 1984 Sep;39(9):722-4 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Effects of head position on intraoral pressures in Class I and Class II adults. Archer SY, et al. **Am J Orthod** 1985 Apr; 87(4):311-8

The accuracy of computerized growth prediction in Class II high-angle cases. Thames TL, et al. **Am J Orthod** 1985 May;87(5):398-405

Infraocclusion of primary molars and the effect on occlusal development, a longitudinal study. Kurol J, et al. **Eur J Orthod** 1984 Nov;6(4):277-93

Physiologic and perceptual effects of induced anterior open bite. Warren DW, et al. **Folia Phoniatr (Basel)** 1984; 36(4):164-73

Temporomandibular joint function and morphology: observations on the spectra of normalcy. O'Ryan F, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):272-9

[Pathogenesis of infraclusions] Bouvet JM. **Rev Stomatol Chir Maxillofac** 1985;86(2):81-3 (Eng. Abstr.) **(Fre)**

[Incisor infraclusion and muscular behavior. Thumbsucking] Fraudet JR. **Rev Stomatol Chir Maxillofac** 1985;86(2):84-6 (Eng. Abstr.) **(Fre)**

[Rhinomanometric and cephalometric study on the coexistence of malformations of the palate and nasal septum] Busca GP, et al. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):435-43 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Guiding the developing mixed dentition. Leivesley WD. **Aust Dent J** 1984 Jun;29(3):154-8

The influence of primary periosteoplasty on maxillary growth and deciduous occlusion in cases of complete unilateral cleft lip and palate. A longitudinal study from infancy to the age of 5. Hellquist R, et al. **Scand J Plast Reconstr Surg** 1976;10(3):197-208

[Preventive orthodontic treatment of open-bite malocclusion] Gao N. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):19-22 **(Chi)**

[Prevention of dish face in the care of mid-face fractures. Treatment principles and their indications from the current viewpoint] Stoll P, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:121-4 **(Ger)**

PSYCHOLOGY

Psychosocial implications of malocclusion: a 15-year follow-up study in 30-year-old Danes. Helm S, et al. **Am J Orthod** 1985 Feb;87(2):110-8

The emotional impact of orthognathic surgery and conventional orthodontics. Kiyak HA, et al. **Am J Orthod** 1985 Sep;88(3):224-34

The effect of social class and dental features on referrals for orthodontic advice and treatment. Jenkins PM, et al. **Br J Orthod** 1984 Oct;11(4):185-8

Maxillofacial 'hair' surgery. Tuinzing DB. **Int J Oral Surg** 1985 Jun;14(3):275-7

Psychosocial factors in orthodontic treatment. Albino JE. **NY State Dent J** 1984 Oct;50(8):486-7, 489

[Mental disposition and stress as etiological factors in stomatognathic functional disorders] Fallschüssel GK. **Dtsch Zahnarztl Z** 1984 Jun;39(6):445-51 (32 ref.) (Eng. Abstr.) **(Ger)**

[Psychologic problems in children and adolescents in orthodontics] Zschiesche S. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun; 34(4):149-54 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

[Cephalometric analysis of anterior open-bite and its clinical significance] Lin JX. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):158-62 **(Chi)**

[Anomalies of the basal-distal relationship. II] da Cruz JP. **Rev Port Estomatol Cir Maxilofac** 1984 Jul-Sep;25(3):suppl 59-110 **(Por)**

[Characteristics of the structure of the facial skeleton in open bite] Tikhova LV. **Stomatologiia (Mosk)** 1985 Jan-Feb; 64(1):46-7 (Eng. Abstr.) **(Rus)**

REHABILITATION

Fixed prosthodontics in the restoration of a collapsed dentition. A case report. Ghalili K. **NY State Dent J** 1985 Apr;51(4):218-9

SURGERY

The quadrilateral analysis: a differential diagnosis for surgical orthodontics. Di Paolo RJ, et al. **Am J Orthod** 1984 Dec; 86(6):470-82

Total mandibular alveolar osteotomy: an alternate choice to other surgical procedures. Pangrazio-Kulbersh V, et al. **Am J Orthod** 1985 Apr;87(4):319-37

Increase in mandibular and chin projection with orthognathic surgery. Poulton DR, et al. **Am J Orthod** 1985 May; 87(5):363-76

An unusual 'scissor' malocclusion. Bailey BM, et al. **Br Dent J** 1984 Aug 11;157(3):103-4

Treatment of severe unilateral open bite and crossbite in cleft lip and palate patients. Enemark H. **Eur J Orthod** 1984 Nov;6(4):294-302

Apertognathia (open bite) and its surgical management. Kwon HJ, et al. **Int J Oral Surg** 1984 Aug;13(4):278-89

Infection after orthognathic surgery, with and without preventive antibiotics. Martis C, et al. **Int J Oral Surg** 1984 Dec;13(6):490-4

Case report: orthognathic surgery-correction of *maxillo-mandibular deformity. Behrman DA.* **Int J Orthod** 1985 Spring;23(1-2):27-31

The TMJ dysfunction syndrome before and after sagittal split osteotomy of the rami. Karabouta I, et al. **J Maxillofac Surg** 1985 Aug;13(4):185-8

Köle's osteotomy, a follow-up study. Kloosterman J. **J Maxillofac Surg** 1985 Apr;13(2):59-63

The inverted L osteotomy for treatment of skeletal open-bite deformities. Dattilo DJ, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):440-3

Use of the orthognathic surgery simulating instrument in the presurgical evaluation of facial asymmetry. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):805-11

Management of a large lingual thyroid in the orthognathic surgery patient. Gallo WJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):344-8

Speech production before and after orthognathic surgery: a review. Ruscello DM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):10-4

Correction of skeletal Class II malocclusions with deep bite by rapid extrusion of posterior teeth. Zetz MR, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):631-6

[Value and results of glossectomy in open bite] Deplagne H. **Rev Stomatol Chir Maxillofac** 1985;86(2):95-8 (Eng. Abstr.) **(Fre)**

[The role of osteotomy in the treatment of incisor infraclusion in adults] Netter JC. **Rev Stomatol Chir Maxillofac** 1985; 86(2):90-1 (Eng. Abstr.) **(Fre)**

[Prevention and treatment of unwanted results and complications in standard orthodontic operations] Balan EH. **Fortschr Kiefer Gesichtschir** 1985;30:83-6 **(Ger)**

[Articular occlusion problems in plate osteosynthesis] Dumbach J, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:116-8 **(Ger)**

[Cause and prevention of recurrences following Le Fort I osteotomies in cleft patients] Farmand M, et al. **Fortschr Kiefer Gesichtschir** 1985;30:99-100 **(Ger)**

[Can permanent hearing damage following mid-face osteotomies be prevented?] Götzfried HF, et al. **Fortschr Kiefer Gesichtschir** 1985;30:108-9 **(Ger)**

[Prevention of unwanted results in osteosynthesis of the maxilla within the scope of orthodontic surgery] Hörster W, et al. **Fortschr Kiefer Gesichtschir** 1985;30:100-2 **(Ger)**

[Complication rate as a selection criterion in orthodontic operations] Joos U, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:86-8 **(Ger)**

[Insufficient results following Le Fort III osteotomy and their prevention by double stage mid-face mobilization] Sailer HF. **Fortschr Kiefer Gesichtschir** 1985;30:102-4 **(Ger)**

[Decreasing the danger of recurrence following operative correction of open bite] Spitzer W, et al. **Fortschr Kiefer Gesichtschir** 1985;30:105-7 **(Ger)**

[Infection and pseudarthrosis as complications following selective ramus osteotomies] Steinhäuser EW. **Fortschr Kiefer Gesichtschir** 1985;30:88-91 **(Ger)**

THERAPY

Orthodontic therapy in patients with juvenile periodontitis: clinical and microbiologic effects. Folio J, et al. **Am J Orthod** 1985 May;87(5):421-31

A comparison of Class II treatment changes noted with the light wire, edgewise, and Fränkel appliances. Gianelly AA, et al. **Am J Orthod** 1984 Oct;86(4):269-76

Patient cooperation in treatment with removable appliances: a model of patient noncompliance with treatment implications. Gross AM, et al. **Am J Orthod** 1985 May; 87(5):392-7

Begg-edgewise diagnosis-determined totally individualized orthodontic technique: foundations, description, and rationale. Hocevar RA. **Am J Orthod** 1985 Jul;88(1):31-46

Photoelastic effects of maxillary protraction on the craniofacial complex. Itoh T, et al. **Am J Orthod** 1985 Aug; 88(2):117-24

Activator headgear therapy. Levin RI. **Am J Orthod** 1985 Feb;87(2):91-109

Anterior open-bite malocclusion: a longitudinal 10-year postretention evaluation of orthodontically treated patients. Lopez-Gavito G, et al. **Am J Orthod** 1985 Mar; 87(3):175-86

Skeletal and dental changes following functional regulator therapy on class II patients. McNamara JA Jr, et al. **Am J Orthod** 1985 Aug;88(2):91-110

A cephalometric analysis of skeletal and dental changes contributing to Class II correction in activator treatment. Pancherz H. **Am J Orthod** 1984 Feb;85(2):125-34

The Herbst appliance--its biologic effects and clinical use. Pancherz H. **Am J Orthod** 1985 Jan;87(1):1-20

Tooth morphology and lower incisor alignment many years after orthodontic therapy. Puneky PJ, et al. **Am J Orthod** 1984 Oct;86(4):299-305

Temporomandibular disorders and functional occlusion after orthodontic treatment: results of two long-term studies. Sadowsky C, et al. **Am J Orthod** 1984 Nov;86(5):386-90

Response to activator treatment in Class II malocclusions. Vargervik K, et al. **Am J Orthod** 1985 Sep;88(3):242-51

The effects of chin cup therapy on the mandible: a longitudinal study. Wendell PD, et al. **Am J Orthod** 1985 Apr;87(4):265-74

Exploitation of the residual premaxillary-maxillary suture site in maxillary protraction. An hypothesis. Haskell BS, et al. **Angle Orthod** 1985 Apr;55(2):108-19

Orthodontic treatment and tongue surgery in a class III open-bite malocclusion. A case report. Ruff RM. **Angle Orthod** 1985 Apr;55(2):155-66

Noses, tongues, and teeth. Lieberman MA, et al. **ASDC J Dent Child** 1985 Jan-Feb;52(1):42-4

Occlusal management for the adolescent. Shaw WC. **Br Dent J** 1985 Jun 22;158(12):450-4

The Treatment Study Group of the BSSO. Clark JD. **Br J Orthod** 1985 Jul;12(3):139-48

An investigation into factors which may deter patients from undergoing orthodontic treatment. Gosney MB. **Br J Orthod** 1985 Jul;12(3):133-8

Hypodontia--problems of permanent space closure. Hunt NP. **Br J Orthod** 1985 Jul;12(3):149-52

Orthodontic treatment in Ehlers-Danlos syndrome. Jones ML. **Br J Orthod** 1984 Jul;11(3):158-62

The Function Regulator III: effects and indications for use. Loh MK, et al. **Br J Orthod** 1985 Jul;12(3):153-7

A simple orthodontic appliance for dealing with a common canine problem. Senior WB. **Br J Orthod** 1985 Apr; 12(2):102-5

Orthodontic treatment of a pseudo-class III malocclusion. A case report. Mamandras AH, et al. **Can Dent Assoc J** 1984 Oct;50(10):779-81

Occlusal splints (MORA) vs. placebos show no difference in strength in symptomatic subjects: double blind/cross-over study. Allen ME, et al. **Can J Appl Sport Sci** 1984 Sep;9(3):148-52

Long term results of orthodontic treatment. A clinical view 1. Brouwer H, et al. **Eur J Orthod** 1985 May;7(2):108-19

The long term effects of one lower incisor extraction. Dacre JT. **Eur J Orthod** 1985 May;7(2):136-44

Treatment of unilateral posterior crossbite with quad-helix and removable plates. A retrospective study. Hermanson H, et al. **Eur J Orthod** 1985 May;7(2):97-102

A simple sectional canine retraction technique using the properties of nickel titanium rectangular wire. Orton HS, et al. **Eur J Orthod** 1985 May;7(2):120-6

Restoration of missing or misplaced canines. Bower CF, et al. **J Prosthet Dent** 1985 Jun;53(6):772-5

Orthodontic assistance in the restoration of adult dentitions--the deep overbite. Geiger AM. **NY J Dent** 1985 Mar;55(3):89-98

The solid gold placebo. Marbach JJ. **NY State Dent J** 1985 May;51(5):278-84 (26 ref.)

Vitallium removable overlays for deep overbite--case report. Taylor RM. **NZ Dent J** 1985 Jan;81(363):28-9

Inter-rater agreement among orthodontists in a blocked experiment. Korn EL, et al. **Stat Med** 1985 Jan-Mar; 4(1):47-52

[Principle and application of an edgewise appliance] Fu MK. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):38-40 **(Chi)**

[Clinical manifestation and prosthetic treatment of severe, deep overbite and deep overjet in adult patients] Wang YY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun; 19(2):78-80 **(Chi)**

[Management of incisor supraclusion] Burgos C. **Rev Stomatol Chir Maxillofac** 1985;86(2):92-4 (Eng. Abstr.) **(Fre)**

[Crowding of the lower anterior teeth: treatment with or without extraction?] Dermaut L, et al. **Schweiz Monatsschr Zahnmed** 1985 Jan;95(1):1-13 (Eng. Abstr.) **(Fre)**

[Correction of overbite: extrusion of the molars or intrusion of the incisors?] Dermaut L, et al. **Schweiz Monatsschr Zahnmed** 1984 Jun;94(6):531-49 (Eng. Abstr.) **(Fre)**

[Analysis of the effectiveness of the Fränkel method for the treatment of distal bite] Choroschilkina FJ, et al. **Fortschr Kieferorthop** 1984 Dec;45(6):448-64 (Eng. Abstr.) **(Ger)**

[Treatment goal in closed bite] Diernberger R. **Fortschr Kieferorthop** 1984 Aug;45(4):284-97 (Eng. Abstr.) **(Ger)**

[Profile improvement by combined orthodontic and surgical measures] Hörster W, et al. **Fortschr Kieferorthop** 1984 Aug;45(4):324-30 (Eng. Abstr.) **(Ger)**

[Late results following orthodontic treatment with fixed appliances] Kamínek M. **Fortschr Kieferorthop** 1984 Oct; 45(5):382-9 (Eng. Abstr.) **(Ger)**

[Treatment of unilateral crossbite] Kleinrok M, et al. **Fortschr Kieferorthop** 1985 Jan;46(1):53-60 (Eng. Abstr.) **(Ger)**

[Orthodontic-orthopedic combination treatment of large frontal overjet] Lehman R, et al. **Fortschr Kieferorthop** 1984 Dec;45(6):465-74 (Eng. Abstr.) **(Ger)**

[Differential diagnosis and indications status in the therapy of class II anomalies] Rakosi T. **Fortschr Kieferorthop** 1984 Dec;45(6):442-7 (Eng. Abstr.) **(Ger)**

[Cooperation between orthodontists and neurologists] Sergl HG. **Fortschr Kieferorthop** 1984 Dec;45(6):417-27 (Eng. Abstr.) **(Ger)**

[Multiple extractions of permanent teeth in the orthodontic treatment plan] Subrt I, et al. **Fortschr Kieferorthop** 1985 Jan;46(1):61-5 (Eng. Abstr.) **(Ger)**

[Recurrence in and following retention] Ulgen M. **Fortschr Kieferorthop** 1984 Dec;45(6):475-88 (Eng. Abstr.) **(Ger)**

[Intensive treatment in severe distal bite using the headgear-Herbst appliance in mixed dentition] Wieslander L. **Schweiz Monatsschr Zahnmed** 1984 Nov;94(11):1189-206 (Eng. Abstr.) **(Ger)**

[The straight-wire orthodontic method] Kocsis SG, et al. **Fogorv Sz** 1984 Aug;77(8):225-8 (Eng. Abstr.) **(Hun)**

[Oral hygiene in children wearing orthodontic devices] Lindner Z, et al. **Fogorv Sz** 1984 Sep;77(9):283-6 (Eng. Abstr.) **(Hun)**

[Correction of the crossbite of single teeth using fixed orthodontic treatment] Cassarino G, et al. **Minerva Stomatol** 1985 May-Jun;34(3):561-2 (Eng. Abstr.) **(Ita)**

[A clasp fixed in incisions on the buccal side of deciduous teeth] Michałowska A, et al. **Ann Acad Med Stetin** 1984; 30:273-9 (Eng. Abstr.) **(Pol)**

[Orthodontic treatment of C5 subtype anomalies of the basal-distal relationship] da Cruz JP. **Rev Port Estomatol Cir Maxilofac** 1984 Jan-Mar; 25(1):615-30 (Eng. Abstr.) **(Por)**

[Treatment characteristics of the distal bite in adolescents] Romanovskaia AP. **Stomatologiia (Mosk)** 1985 Jan-Feb; 64(1):83-4 **(Rus)**

[Team treatment of anomalies of the organs of mastication] Mitrović T, et al. **Vojnosanit Pregl** 1984 Nov-Dec; 41(6):484-7 **(Scr)**

MALOCCLUSION, ANGLE CLASS I see under MALOCCLUSION

MALOCCLUSION, ANGLE CLASS II see under MALOCCLUSION

MALOCCLUSION, ANGLE CLASS III see under MALOCCLUSION

MALONATES

Effect of reductones on cyclic 3', 5'-adenosine monophosphate phosphodiesterase. Shinohara K, et al. **Acta Vitaminol Enzymol** 1985;7(1-2):99-108

Red blood cell oxidative metabolism induced by hydroxypyruvaldehyde. Thornalley PJ, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1157-64

Malondialdehyde formation from lipid peroxides in the thiobarbituric acid test: the role of lipid radicals, iron salts, and metal chelators. Gutteridge JM, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):293-9

ANALYSIS

Fluorometric determination of malonic acid with dicyclohexylcarbodiimide. Chen SC. **Anal Biochem** 1984 Jul;140(1):196-9

Free malonaldehyde determination in tissues by high-performance liquid chromatography. Csallany AS, et al. **Anal Biochem** 1984 Nov 1;142(2):277-83

Detection and measurement by high-performance liquid chromatography of malondialdehyde crosslinks in DNA. Summerfield FW, et al. **Anal Biochem** 1984 Dec; 143(2):265-71

BIOSYNTHESIS

Platelet activity in mitral valve prolapse: a study of platelet aggregation, malondialdehyde production, and plasma beta-thromboglobulin. Arocha F, et al. **Am J Hematol** 1985 May;19(1):21-5

BLOOD

Cerebellar hemorrhage complicating methylmalonic and propionic acidemia. Dave P, et al. **Arch Neurol** 1984 Dec; 41(12):1293-6

Quantitation of malondialdehyde (MDA) in plasma, by ion-pairing reverse phase high performance liquid chromatography. Wade CR, et al. **Biochem Med** 1985 Jun; 33(3):291-6

Influence of leukotriene C4 on aggregation and on malondialdehyde formation of human blood platelets. Pönicke K, et al. **Biomed Biochim Acta** 1984; 43(8-9):S459-62

Treatment of the cbl B form of methylmalonic acidaemia with adenosylcobalamin. Batshaw ML, et al. **J Inherited Metab Dis** 1984;7(2):65-8

Proximal renal tubular acidosis in methylmalonic acidemia. Wolff JA, et al. **J Neurogenet** 1985 Feb;2(1):31-9

Relationship between platelet cyclooxygenase pathway and plasma malondialdehyde-like material. Violi F, et al. **Lipids** 1985 May;20(5):322-4

Methylmalonic acidemia treated by continuous peritoneal dialysis [letter] Moreno-Vega A, et al. **N Engl J Med** 1985 Jun 20;312(25):1641-2

Identification of methyl-branched chain dicarboxylic acids in amniotic fluid and urine in propionic and methylmalonic acidemia. Jakobs C, et al. **Pediatr Res** 1984 Nov; 18(11):1185-91

Malondialdehyde-like material and beta-thromboglobulin plasma levels in patients suffering from transient ischemic attacks. Francesco V, et al. **Stroke** 1985 Jan-Feb;16(1):14-6

Influence of vitamin E on plasma malondialdehyde-like material in man. Cordova C, et al. **Thromb Haemost** 1984 Jul 29;51(3):347-8

Pressure-induced metabolic activation of platelets demonstrated in vitro by determination of malondialdehyde formation. Torsellini A, et al. **Thromb Haemost** 1984 Aug 31;52(1):4-6

[Lipid peroxides and antioxidants in the blood of patients with arteriosclerotic circulatory disorders] Peters HJ, et al. **Z Gesamte Inn Med** 1985 May 1;40(9):276-8 (Eng. Abstr.) **(Ger)**

[Blood methylmalonic acid. Clinical findings in 2 sisters] Di Palma L, et al. **Minerva Pediatr** 1984 Sep 15;36(17):845-52 (Eng. Abstr.) **(Ita)**

[Malondialdehyde content of plasma lipoproteins and thrombocytes in patients with ischemic heart disease] Zykova VP, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1984;7(2):82-6 (Eng. Abstr.) **(Rus)**

[Method of studying lipid peroxidation] Goncharenko MS, et al. **Lab Delo** 1985;(1):60-1 **(Rus)**

METABOLISM

Estimates of free-radical production in rat and swine hearts: method and application of measuring malondialdehyde levels in fresh and frozen myocardium. Liedtke AJ, et al. **Basic Res Cardiol** 1984 Sep-Oct;79(5):513-8

Rapid reduction by IAA of malondialdehyde levels in avena coleoptiles, a possible effect on lipid peroxidation. Dhindsa RS, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):76-81

Model for calcium binding to gamma-carboxyglutamic acid residues of proteins: crystal structure of calcium alpha-ethylmalonate. Zell A, et al. **Biochemistry** 1985 Jan 15;24(2):533-7

Selective promotion of ferrous ion-dependent lipid peroxidation in Ehrlich ascites tumor cells by histidine as compared with other amino acids. Winkler P, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):226-31

Evaluation of diethyl malonate as a simulant for 1,2,2-trimethylpropyl methylphosphonofluoridate (soman) in shower decontamination of the skin. Reifenrath WG, et al. **J Pharm Sci** 1984 Oct;73(10):1388-92

Measurement of malonyldialdehyde production during sodium arachidonate-induced polymorphonuclear leukocyte aggregation. Panus PC, et al. **J Pharmacol Methods** 1985 Apr;13(2):179-86

[The effect of heparin on the formation of platelet malondialdehyde] Charvát J, et al. **Cas Lek Cesk** 1985 Mar 22;124(12):357-9 (Eng. Abstr.) **(Cze)**

[Lipid peroxidation in human and experimental atherosclerosis] Loeper J, et al. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):91-7 (Eng. Abstr.) **(Fre)**

[In vitro malondialdehyde formation in brain structure: a method to characterize antihypoxic properties] Blaschke M, et al. **Biomed Biochim Acta** 1985;44(2):301-9 (Eng. Abstr.) **(Ger)**

[Malondialdehyde determination in the liver, lung and brain of the rat] Prager B, et al. **Z Med Lab Diagn** 1985;26(1):44-5 **(Ger)**

[Phospholipid and malondialdehyde content in the cerebral cortex of rats with incomplete ischemia and in the postischemic period] Zamuruev ON. **Biull Eksp Biol Med** 1984 Nov;98(11):523-5 (Eng. Abstr.) **(Rus)**

[Vitamins E and A content and malondialdehyde formation in the tissues of rats in hypoxia] Varshkiavichene ZZ, et al. **Patol Fiziol Eksp Ter** 1985 Jan-Feb;(1):24-6 (Eng. Abstr.) **(Rus)**

[Effect of gamma-irradiation on malonic dialdehyde formation in the interaction of liposomes with cells] Popov GA, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):260-3 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Relationships between the effects of redox potential, alpha-thenoyltrifluoroacetone and malonate on O(2) and H2O2 generation by submitochondrial particles in the presence of succinate and antimycin. Ksenzenko M, et al. **FEBS Lett** 1984 Sep 17;175(1):105-8

Isolation and reconstitution of the n-butylmalonate-sensitive dicarboxylate transporter from rat liver mitochondria. Kaplan RS, et al. **J Biol Chem** 1985 Aug 25;260(18):10293-8

Effects of propionate and methylmalonate on conversions of acetate, butyrate, and D(-)-3-hydroxybutyrate to fatty acids and carbon dioxide by mammary tissue slices of goats. Emmanuel B, et al. **J Dairy Sci** 1985 Mar;68(3):751-4

Topography and dynamics of receptors for acetylated and malondialdehyde-modified low-density lipoprotein in the plasma membrane of mouse peritoneal macrophages as visualized by colloidal gold in conjunction with surface replicas. Robenek H, et al. **J Histochem Cytochem** 1984 Oct;32(10):1017-27

Study of the mechanism behind adjuvant action of diethylethoxymethylene malonate enhancing the rectal absorption of cefmetazole and lysozyme. Nishihata T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):607-13

Effect of malotilate on paracetamol-induced hepatotoxicity. Younes M, et al. **Toxicol Lett** 1985 May;25(2):143-6

TOXICITY

Dissociation of malondialdehyde mutagenicity in Salmonella typhimurium from its ability to induce interstrand DNA cross-links. Basu AK, et al. **Mutat Res** 1984 Oct; 129(1):39-46

URINE

Retinal degeneration in vitamin B12 disorder associated with methylmalonic aciduria and sulfur amino acid abnormalities [letter] Rych K. **Am J Ophthalmol** 1985 Feb 15;99(2):217

CAD MIKES: a new method for a rapid and unequivocal structural identification of organic acids in biological fluids. A first application to a case of methylmalonic aciduria. Rinaldo P, et al. **Biomed Mass Spectrom** 1984 Dec; 11(12):643-6

Occurrences of methylmalonic aciduria and Hartnup disorder in the same family. Shih VE, et al. **Clin Genet** 1984 Sep; 26(3):216-20

Vitamin B12 deficiency in the elderly [letter] Norman EJ. **J Am Geriatr Soc** 1985 May;33(5):374

L-Carnitine insufficiency in disorders of organic acid metabolism: response to L-carnitine by patients with methylmalonic aciduria and 3-hydroxy-3-methylglutaric aciduria. Chalmers RA, et al. **J Inherited Metab Dis** 1984; 7 Suppl 2:109-10

Experience with prenatal diagnosis of propionic acidaemia and methylmalonic aciduria. Fensom AH, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:127-8

Electron-transferring flavoprotein deficiency in the multiple acyl-CoA dehydrogenation disorders, glutaric aciduria type II and ethylmalonic--adipic aciduria. Rhead WJ, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:99-100

Methylmalonic aciduria with homocystinuria. Ribes A, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:129-30

First-trimester (chorion biopsy) diagnosis of citrullinaemia and methylmalonicaciduria [letter] Kleijer WJ, et al. **Lancet** 1984 Dec 8;2(8415):1340

Urinary malondialdehyde as an indicator of lipid peroxidation in the diet and in the tissues. Draper HH, et al. **Lipids** 1984 Nov;19(11):836-43

Benign methylmalonic aciduria. Ledley FD, et al. **N Engl J Med** 1984 Oct 18;311(16):1015-8

Benign methylmalonic aciduria [letter] Norman EJ. **N Engl J Med** 1985 Feb 28;312(9):586

[Pharmacologic and dietetic treatment of 2 siblings with atypical methylmalonic aciduria] Duillo MT, et al. **Minerva Pediatr** 1984 Oct 31;36(20):999-1002 (Eng. Abstr.) **(Ita)**

MALONDIALDEHYDE see under **MALONATES**

MALONYL COENZYME A see under **ACYL COENZYME A**

MALPIGHIAN TUBULES see under **CLOACA**

MALPRACTICE

see related

INSURANCE, LIABILITY

Cosmefic surgery: a sociological analysis of litigation and a surgical specialty. Macgregor FC. **Aesthetic Plast Surg** 1984;8(4):219-24

What is the liability of a general pathologist who acts as a dermatopathologist? Grossman SZ. **Am J Dermatopathol** 1984 Summer;6 Suppl:158

Gastroenterology and the law. Cifarelli PS. **Am J Gastroenterol** 1985 Jan;80(1):70-1

Infection control: nursing home liability. Hayes JB. **Am J Infect Control** 1984 Dec;12(6):335-8

Electronic fetal monitoring: physician liability and informed consent. Gilfix MG. **Am J Law Med** 1984 Spring; 10(1):31-90 (239 ref.)

Reallocating liability to medical staff review committee members: a response to the hospital corporate liability doctrine. Peters GG. **Am J Law Med** 1984 Spring; 10(1):115-38 (122 ref.)

A high-risk suicide group: the anesthesiologist involved in litigation [letter] Birmingham PK, et al. **Am J Psychiatry** 1985 Oct;142(10):1225-6

Sued and nonsued physicians' self-reported reactions to malpractice litigation. Charles SC, et al. **Am J Psychiatry** 1985 Apr;142(4):437-40

Malpractice data seem inconsistent [letter] Lewin-Fetter V. **Am J Psychiatry** 1985 Apr;142(4):514

Paramedic services--a true extension of emergency medicine [editorial] Page JO. **Ann Emerg Med** 1985 Oct;14(10):994-5

Ivor Whitehead memorial lecture. The professions in the dock: a clinical study. Butcher C. **Br Dent J** 1985 Jul 6; 159(1):30-1

Letter from California: the malpractice problem [news] Pogrel MA. **Br Dent J** 1985 May 25;158(10):380-2

The Savage case: disciplining consultants. Dyer C. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1894-5

Malpractice insurance--what can happen if you don't have it. Hunt WS. **Hawaii Med J** 1985 Jun;44(6):209-10

ISMS leadership conference focuses on key issues. **IMJ** 1985 Jan;167(1):32-4

The cost of doing business? [interview] Charles SC. **IMJ** 1985 May;167(5):382-5

A response to the malpractice crisis. Physician support group formed. Charles SC. **IMJ** 1985 Jun;167(6):454-5

Malpractice suit. Hoffmann N. **IMJ** 1985 Apr;167(4):325

But I took care of this patient [interview] Jones CP. **IMJ** 1985 May;167(5):380-1

With a certain degree of sadness [interview] Larson DL. **IMJ** 1985 May;167(5):378-80

Advice for the consumer 'milieu' [letter] **J Am Dent Assoc** 1985 Jun;110(6):870, 872

Informed consent in dentistry. Bailey BL. **J Am Dent Assoc** 1985 May;110(5):709-13

Malpractice liability risk and the physician-patient relationship [editorial] Geyman JP. **J Fam Pract** 1985 Mar; 20(3):231-2

The family physician as a legal consultant. Hahn RG, et al. **J Fam Pract** 1985 Jun;20(6):569-72

Malpractice risk and patient relations. Sommers PA. **J Fam Pract** 1985 Mar;20(3):299-301

Medical malpractice--1985. Halley MM. **J Kans Med Soc** 1984 Dec;85(12):323-9 (31 ref.)

If only I had seen him ... Avery JK. **J Tenn Med Assoc** 1985 Mar;78(3):161

Our goal: preventing or minimizing patient injury. Avery JK. **J Tenn Med Assoc** 1985 Apr;78(4):232-3

Vicarious liability and the physician's assistant. Avery JK. **J Tenn Med Assoc** 1985 Jan;78(1):31-2

Loss prevention case of the month. Communication through the record. Avery JK. **J Tenn Med Assoc** 1985 Feb;78(2):97

The ultimate audit [letter] Christie RW. **JAMA** 1985 Jan 11; 253(2):199

Attacking defensive obstetrics. **Lancet** 1984 Oct 13; 2(8407):852

Renal failure and the law. Douglas JF. **Lancet** 1985 Jun 8; 1(8441):1319-21

Medical and legal management of adult acute epiglottitis. McNelis FL. **Laryngoscope** 1985 Feb;95(2):125-7

The incompetent diagnosis of cancer [editorial] Trinker F. **Med J Aust** 1984 Nov 10;141(10):626-7

Harbeson v. Parke-Davis. Supreme Court of Washington, Jaunary 6, 1983 (98 Wash.2d 460, 656 P.2d 483). Malpractice. **Med Law** 1985;4(2):189-94

'Phlegmatic' British rarely sue for medical malpractice. Eberly C. **Mich Med** 1984 Oct;83(46):514-5

Malpractice crisis threatens health care for Detroit's homeless. Norman S. **Mich Med** 1985 Jul;84(7):384-5

MMIE malpractice claim review. Oncology: MMIE Risk Management Committee. **Minn Med** 1985 Aug;68(8):631

MMIE malpractice claim review. Family practice. **Minn Med** 1984 Nov;67(11):629

MMIE malpractice claim review. Orthopedic surgery. MMIE Risk Management Committee. **Minn Med** 1985 Feb; 68(2):113-4

MMIE malpractice claim review. Internal medicine. Johnson FE. **Minn Med** 1985 Jun;68(6):471

Internal medicine. MMIE risk Management Committee. Johnson FE. **Minn Med** 1984 Sep;67(9):491

Psychiatric malpractice [letter] Winig HR. **N Engl J Med** 1985 Apr 4;312(14):927

The health care professional's role in occurrence of cerebral palsy. Goodlin RC. **Nebr Med J** 1985 Jul;70(7):229-30

The dentist as a defendant. Gordon B. **NY State Dent J** 1984 Nov;50(9):602, 604, 606 passim

Malpractice and periodontal disease [letter] Treitel K, et al. **NY State Dent J** 1984 Aug-Sep;50(7):400

Inside OPD. New York State Office of Professional Discipline. Wood WL Jr, et al. **NY State Dent J** 1984 Nov; 50(9):588, 590, 592

The Berwid case [letter] Lehrman NS. **NY State J Med** 1985 May;85(5):198-9

Abortion and medical discipline [letter] **NZ Med J** 1985 May 8;98(778):348

The elements of malpractice. Edwards KS. **Ohio State Med J** 1985 Jan;81(1):22-5, 27, 37

Is Ohio heading for another malpractice crisis? Porter S. **Ohio State Med J** 1985 Jan;81(1):29-30, 34-5, 44 passim

Wrongful life and wrongful birth: new concepts for the pediatrician. Coplan J. **Pediatrics** 1985 Jan;75(1):65-72

CAT fund, basic carriers differ in coverage. Jones KB. **Penn Med** 1984 Nov;87(11):20

Legal and ethical obligations and medical training [letter] du Toit GT. **S Afr Med J** 1985 Aug 17;68(4):213-4

Risk management: one way to fight malpractice suits. Jones DB. **Tex Med** 1985 Jun;81(6):64-6

Searching for a new system. Davis RK. **Va Med** 1985 Apr; 112(4):234-7

Potential liabilities of poison centers. Report of panel discussion. Robertson WO. **Vet Hum Toxicol** 1984;26 Suppl 2:41

[Femoral nerve paralysis after vaginal hysterectomy. Its causes and forensic significance] Jürgens R, et al. **Dtsch Med Wochenschr** 1984 Nov 30;109(48):1848-50 (Eng. Abstr.) **(Ger)**

[The question of liability in pregnancy cases] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):472-4 **(Ger)**

[Surgery performed by inexperienced physicians] Müller R. **HNO** 1984 Sep;32(9):400 **(Ger)**

[Physician's error and an accident in medical practice] Glushkov VA, et al. **Klin Khir** 1985 Jan;(1):63-4 **(Rus)**

[Responsibility of medical workers for the criminally negligent breach of professional duties] Glushkov VA. **Klin Khir** 1984 Dec;(12):32-4 **(Rus)**

ECONOMICS

Doctors can't split fees--why should lawyers? Lepore MJ. **Am J Dermatopathol** 1985 Feb;7(1):49-51

Curbing the US medical malpractice crisis. Korcok M. **Can Med Assoc J** 1984 Sep 15;131(6):645-6, 648-50

Medical malpractice: claims, legal costs, and the practice of defensive medicine. Zuckerman S. **Health Aff (Millwood)** 1984 Fall;3(3):128-33

What compensation for an unwanted life? Bernstein AH. **Hospitals** 1984 Dec 1;58(23):90

Payment systems, cost management, and malpractice. Ludlam JE. **Hospitals** 1984 Nov 1;58(21):102-4

The hidden cost of health care. Malpractice. **IMJ** 1985 Apr; 167(4):302

Malpractice insurance--is there really a bargain? Brant JD. **J Am Podiatr Med Assoc** 1985 Apr;75(4):224

State responses to the malpractice insurance 'crisis' of the 1970s: an empirical assessment. Sloan FA. **J Health Polit Policy Law** 1985 Winter;9(4):629-46 (48 ref.)

The medicolegal climate in Tennessee. Avery JK. **J Tenn Med Assoc** 1984 Sep;77(9):529-30

'No fault' compensation: reform of present system long overdue. Brahams D. **Lancet** 1985 Jun 15;1(8442):1403-4

This crisis could worsen Detroit's infant mortality. Jonas CR. **Mich Med** 1985 Jul;84(7):386-8

Defensive medicine. Health care with a pricetag. Edwards KS. **Ohio State Med J** 1985 Jan;81(1):38-42

'We are doing the best we can'. Conner AE. **Va Med** 1984 Oct;111(10):610-3

Medical malpractice: a public crisis. **W Va Med J** 1985 Feb; 81(2):40-3

LEGISLATION & JURISPRUDENCE

The Swedish patient insurance system. A review with special reference to the judgement of surgical cases. Eklund AE. **Acta Chir Scand [Suppl]** 1984;520:7-10

Gastroenterology and the law. Cifarelli PS. **Am J Gastroenterol** 1984 Dec;79(12):972-3

Gastroenterology and the law. Cifarelli PS. **Am J Gastroenterol** 1985 Feb;80(2):150-1

Medical Malpractice Arbitration Act: Michigan's experience with arbitration. Bedikian M. **Am J Law Med** 1984 Fall; 10(3):287-306

How a suit starts. Cushing M. **Am J Nurs** 1985 Jun; 85(6):655-6

Key court cases. Where are they now? Cushing M. **Am J Nurs** 1984 Dec;84(12):1469-70

Anatomy of a malpractice trial. Groff B. **Am J Nurs** 1985 Mar;85(3):248-50

Legal liability in the use of ultrasound by office-based obstetricians. Perone N, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):801-4

Defending the malpractice case--fighting back. Part Two. North SE. **Am J Perinatol** 1985 Jan;2(1):57-60

Defending the malpractice case--fighting back. Part 1. North SE. **Am J Perinatol** 1984 Jul;1(4):363-6

The law and the impaired pharmacist. Simonsmeier LM, et al. **Am Pharm** 1985 Jun;NS25(6):63-8

Defensive medicine [letter] **Anaesthesia** 1985 Jun;40(6):592-3

Defensive medicine: anaesthetic practice in the 80s [editorial] Forrest JB. **Anaesthesia** 1984 Dec;39(12):1165-7

Needless deaths. Johnson HR. **Ann Acad Med Singapore** 1984 Jan;13(1):43-5

Legal aspects of deaths associated with diagnostic and therapeutic procedures. Puxon M. **Ann Acad Med Singapore** 1984 Jan;13(1):46-8

Can the RN first assistant be held liable for patient injury? Murphy EK. **AORN J** 1985 Jun;41(6):1006, 1009, 1011

Legal aspects of perioperative care extend to ambulatory surgery settings. Murphy EK. **AORN J** 1984 Nov; 40(5):699-702

Medicine and the law. The concept of negligence. Pedler DS, et al. **Aust Fam Physician** 1985 Jan;14(1):38-9

Case notes and reports. Pedler DS, et al. **Aust Fam Physician** 1985 Mar;14(3):221, 224

Negligence and the physician (the Arthur E. Mills Oration). Kirby MD. **Aust NZ J Med** 1984 Dec;14(6):867-74

Negligence and the physician. Shea BJ. **Aust NZ J Med** 1984 Dec;14(6):875-8

Informed consent. Puxon M. **Br J Hosp Med** 1985 Jul;34(1):6

Crown immunity protects service surgeons. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1387

Medicolegal. What should a doctor tell? **Br Med J [Clin Res]** 1985 Mar 9;290(6470):780-1

Doctor sues BBC and two other doctors for libel. Dyer C. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1386-7

Dr Gee's cross examination continues. Dyer C. **Br Med J [Clin Res]** 1985 Jan 19;290(6463):228-9

Dr Gee leaves the witness box, and patients are called. Dyer C. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):373-4

The Gee case: first expert witness. Dyer C. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):545-6

The Gee case: judge rules on meanings of words. Dyer C. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):698

Quality assurance--do you know the legal implications? Ferguson CG. **Dimens Health Serv** 1984 Nov;61(11):27-8

Malpractice law and emergency department medicine. Kolber JL. **Emerg Med Clin North Am** 1985 Aug; 3(3):625-35 (15 ref.)

Double jeopardy: suicide and malpractice. Rachlin S. **Gen Hosp Psychiatry** 1984 Oct;6(4):302-7

Spurious. Judd CS Jr. **Hawaii Med J** 1985 Jul;44(7):262

The 1% law. Kendro B. **Hawaii Med J** 1985 Jul;44(7):248

Reforming malpractice law through consumer choice. Havighurst CC. **Health Aff (Millwood)** 1984 Winter; 3(4):63-70

Legal liability for tardive dyskinesia. Wettstein RM, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):992-4

The fall and rise of a malpractice reform law. Bernstein AH. **Hospitals** 1984 Oct 1;58(19):128

Approach each as an individual. Legislators are people too. **IMJ** 1985 Mar;167(3):171-2

Physicians, attorneys, present testimony. **IMJ** 1985 Apr; 167(4):279, 282

Legislative package introduced. Off and running. **IMJ** 1985 May;167(5):376-7

Physicians storm capitol demanding malpractice reform. **IMJ** 1985 Jun;167(6):430-1

Rite of passage. **IMJ** 1985 Feb;167(2):147-8

The initiative heats up. **IMJ** 1985 Feb;167(2):145-6

Restoring balance [interview] Hamilton RC. **IMJ** 1985 Feb; 167(2):141-4

A solid start. Meyer MM. **IMJ** 1985 Jun;167(6):417

Experimental medical devices, drugs and techniques. Their future social, medical and political implications (Part 3). Bowen OR. **Indiana Med** 1984 Aug;77(8):613-5

Psychiatric malpractice due to ignorance. Reports of cases of psychiatric treatment and traumatic neurosis handled by the doctor's liability board in which damages have been claimed. Achté KA, et al. **Int J Law Psychiatry** 1984; 7(2):189-95

Subjective data and suicide assessment in the light of recent legal developments. Part II: Clinical uses of legal standards in the interpretation of subjective data. Bursztajn H, et al. **Int J Law Psychiatry** 1983;6(3-4):331-50

Subjective data and suicide assessment in the light of recent legal developments. Part I: Malpractice prevention and the use of subjective data. Gutheil TG, et al. **Int J Law Psychiatry** 1983;6(3-4):317-29

Hedlund paranoia. George JC. **J Clin Psychol** 1985 Mar; 41(2):291-4

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1982 Feb;2(1):75-7

View from the Nation's Courts. Freishtat HW. **J Clin Psychopharmacol** 1983 Feb;3(1):49-50

SB-646 revisited. Cowan HH Jr. **J Kans Med Soc** 1984 Dec; 85(12):333-4

A different perspective. Neighbor EH. **J Kans Med Soc** 1984 Dec;85(12):337-9

The expert medical witness. Roberts DK. **J Kans Med Soc** 1984 Dec;85(12):335-6, 339

Medical malpractice legislation: Kansas. Wedel KD. **J Kans Med Soc** 1984 Dec;85(12):344-50

The search for permanent resolution. Young JW. **J Kans Med Soc** 1984 Dec;85(12):340, 359

The 1984 legislative experience: revision of the Medical Malpractice Act (1). Knight SJ, et al. **J La State Med Soc** 1985 Jan;137(1):33-7

Infant tolling statutes in medical malpractice cases. State constitutional challenges. Andrews T. **J Leg Med (Chicago)** 1984 Sep;5(3):469-87 (111 ref.)

Information please [editorial] Mills DH. **J Leg Med (Chicago)** 1985 Jun;6(2):255-8

The effect of comparative fault on personal injury awards in malpractice lawsuits involving multiple tortfeasors. Pennock LM. **J Leg Med (Chicago)** 1985 Jun;6(2):223-47

Medical malpractice injury. Causation and valuation of the loss of a chance to survive. Shoenberger AE. **J Leg Med (Chicago)** 1985 Mar;6(1):51-83 (0 ref.)

Quality assurance in health care. Confidentiality of information and immunity for participants. Southwick AF, et al. **J Leg Med (Chicago)** 1984 Sep;5(3):343-97 (157 ref.)

Abandoning medical malpractice. Williams PC. **J Leg Med (Chicago)** 1984 Dec;5(4):549-94 (127 ref.)

Liability under the doctrine of negligence per se. Berg RN. **J Med Assoc Ga** 1985 Mar;74(3):176-9

Recent developments in Georgia relating to 'wrongful pregnancy' actions. Berg RN. **J Med Assoc Ga** 1984 Aug; 73(8):561-4

Computers in medicine: potential liability issues. George JE, et al. **J Med Soc NJ** 1985 Apr;82(4):278-9

Containing health care costs. Jury awards; business and health care. George JE, et al. **J Med Soc NJ** 1985 Apr; 82(4):282-3

Obstetric and gynecologic malpractice. George JE, et al. **J Med Soc NJ** 1984 Aug;81(8):623-7

Malpractice rates and awards. George JE, et al. **J Med Soc NJ** 1984 Dec;81(12):1037-8

The Alternative Medical Liability Act: proposed solution to the malpractice problem. George JE, et al. **J Med Soc NJ** 1984 Dec;81(12):1033-5

Physicians negligent in discharging mental patient who murdered family. **J Miss State Med Assoc** 1984 Oct; 25(10):276, 284

Malpractice litigation--a personal viewpoint. Sutherland CG. **J Miss State Med Assoc** 1985 May;26(5):133-5

Legal implications of academic dismissal and educational malpractice for nursing faculty. Goclowski J. **J Nurs Educ** 1985 Mar;24(3):104-8

A plea for the plaintiff [editorial] Robinson JS. **J R Soc Med** 1984 Oct;77(10):813-6

Responsibilities of prescribing. Avery JK. **J Tenn Med Assoc** 1985 May;78(5):297

The good doctor--the bad result. Avery JK. **J Tenn Med Assoc** 1985 Jul;78(7):440

Elective sterilization: no guarantees. Avery JK. **J Tenn Med Assoc** 1984 Sep;77(9):540-1

Documentation and postoperative management. Avery JK. **J Tenn Med Assoc** 1984 Oct;77(10):601-2

The personal appearance. Avery JK. **J Tenn Med Assoc** 1984 Nov;77(11):666

Diagnostic ultrasonography: certain legal considerations. James AE Jr, et al. **J Ultrasound Med** 1985 Aug;4(8):427-31 (48 ref.)

Serious professional misconduct. Points from report of GMC working party. **Lancet** 1984 Nov 10;2(8411):1105-6

Patients face the law's delays [letter]. **Lancet** 1985 Jan 26; 1(8422):213

Allegations of negligence against surgeon dismissed on appeal. Brahams D. **Lancet** 1985 May 25;1(8439):1227-8

Affirmation of serious professional misconduct for failure to provide proper care after tattoo removal by laser. Brahams D. **Lancet** 1984 Sep 29;2(8405):762

Doctor's libel action proceeds before judge without a jury. Brahams D. **Lancet** 1984 Dec 1;2(8414):1287

General practitioner's failure to visit two sick children. Brahams D. **Lancet** 1985 Jan 12;1(8420):118

Negligent treatment of premature infant causing retrolental fibroplasia: judge seeks pre-trial disclosure of medical reports. Brahams D. **Lancet** 1985 Mar 9;1(8428):589-90

A Bill on patients' complaints introduced by an MP who was a patient. Deitch R. **Lancet** 1985 Mar 23;1(8430):708-9

Compensation for medical mishap. Deitch R. **Lancet** 1985 May 25;1(8439):1226-7

Standards, attitudes and accountability in the medical profession. Simanowitz A. **Lancet** 1985 Sep 7;2(8454):546-7

Inquiries as to the causes of medical disaster. Wells W. **Lancet** 1985 May 18;1(8438):1171

What really happens to legislation: an inside story. Davis E. **Md State Med J** 1984 Nov;33(11):865-7

Medical consultation--contract versus tort? Gerber P. **Med J Aust** 1985 Jan 7;142(1):35-7

Comparative negligence. When a patient contributes to his medical malpractice relatively. Hirsh HL. **Med Law** 1985; 4(3):229-37

A proposal for a patient compensation plan: an Israeli outlook. Miller AL. **Med Law** 1985;4(3):205-22

Expanding physician duties and patients rights in wrongful life: Harbeson v. Parke-Davis, Inc. Skolnick M. **Med Law** 1985;4(3):283-98

Medical-legal considerations of endoscopy. VanCura MX, et al. **Med Law** 1985;4(3):223-8

Standard of proof in medical negligence. Khan A, et al. **Med Leg J** 1984;52 (Pt 2):117-22

Medical malpractice: the distrust between the medical and legal professions. Adelman S, et al. **Mich Med** 1985 May; 84(5):296, 298, 303

Medical malpractice arbitration: a procedural overview. Bedikian MA. **Mich Med** 1985 May;84(5):270-2

Tort system abuses at the heart of crisis. Horsch R. **Mich Med** 1985 Jul;84(7):380-1

What doctors and lawyers are saying about the omnibus malpractice bill. Lane-Wilke K. **Mich Med** 1984 Nov; 83(51):573-4

New rules offer redress against frivolous lawsuits. Marr J. **Mich Med** 1985 May;84(5):284, 286

Board of Directors instructs MSMS to support arbitration as means of setting liability disputes. Powsner RM. **Mich Med** 1985 May;84(5):268-9

Plaintiff's lawyer describes a 'good' malpractice case. Rheingold PD. **Mich Med** 1985 Feb;84(2):114-6

Eight suggestions toward easing the crisis. Ryan J. **Mich Med** 1985 Jul;84(7):378-80

Arbitration: physicians' offer/patients' choice. Watkins RA. **Mich Med** 1985 May;84(5):266-7

Malpractice revisited. Zako LR. **Mich Med** 1985 Feb; 84(2):134, 133

MMIE malpractice claim review. Neurology. MMIE Risk Management Committee. Johnson FE. **Minn Med** 1985 Mar;68(3):192

MMIE malpractice claim review. Orthopedic surgery. Johnson FE. **Minn Med** 1985 May;68(5):378

Economic and legal considerations in emergency care. Curran WJ. **N Engl J Med** 1985 Feb 7;312(6):374-5

The new paradox of psychiatric malpractice. Stone AA. **N Engl J Med** 1984 Nov 22;311(21):1384-7

Physicians can and should offer direction for the 1985 legislature [editorial] Silberman HR. **NC Med J** 1985 Mar; 46(3):143-4

Professional liability and potential liability. Fager CA. **Neurosurgery** 1985 Jun;16(6):866-72

Expanding the duties to protect third parties from violent acts. Mills MJ. **New Dir Ment Health Serv** 1985 Mar; (25):61-8

Psychiatric malpractice issues. Perr IN. **New Dir Ment Health Serv** 1985 Mar;(25):47-59

Malicious prosecution. Klein CA. **Nurse Pract** 1985 Jun; 10(6):42

The obligation to assess dangerousness. Schwartz DW. **NY State J Med** 1985 Feb;85(2):67-8

Placing a value on human life. Edwards KS. **Ohio State Med J** 1985 Jun;81(6):393-9

In liability insurance, complexities abound [interview by Mary Uehlein] Smither AJ. **Pa Med** 1985 Jul;88(7):31-2, 34, 36

Legal aspects of psychopharmacology. Howe EG. **Psychiatr Clin North Am** 1984 Dec;7(4):887-900 (59 ref.)

Radiologists and informed-consent lawsuits. Spring DB, et al. **Radiology** 1985 Jul;156(1):245-9

The retinopathy of prematurity: medicolegal aspects. Bettman JW. **Surv Ophthalmol** 1985 Mar-Apr;29(5):371-3

Problems of conscience and fact: consulting on medicolegal claims. Bettman JW. **Surv Ophthalmol** 1984 Sep-Oct; 29(2):137-8

Discovery of peer review proceedings. Alt HA. **Tex Med** 1984 Sep;80(9):79-80

Malpractice avoidance techniques. Griffith RL. **Tex Med** 1985 Apr;81(4):50-1

From statistics to history: personal accounts of professional liability suits. Jones D. **Tex Med** 1985 Apr;81(4):77-81

Ten steps to the courthouse. Tottenham TO. **Tex Med** 1985 Aug;81(8):56-9

Immunity under the Texas Tort Claims Act. Young MG. **Tex Med** 1984 Dec;80(12):61-4

Legal implications of intraoperative consultation. Irwin JR. **Urol Clin North Am** 1985 Aug;12(3):557-70

Medicine and the law. Review panels in Virginia 1972-1982. Nelson K, et al. **Va Med** 1985 Feb;112(2):82-3

[Medicolegal traps of the civil occupational liability of the plastic surgeon] Cresseaux D, et al. **Ann Chir Plast Esthet** 1984;29(4):371-5 (Eng. Abstr.) **(Fre)**

['Professional mistake' in the Federal Republic of Germany] Pribilla O. **Rev Med Suisse Romande** 1984 Nov;104(11):867-70 **(Fre)**

[Responsibility for optimal care and maximal information to the patient] Kern BR. **Chirurg** 1985 Jan;56(1):61 **(Ger)**

[Information on risk of hepatitis infection and use of a consultant physician] Laufs A. **Chirurg** 1985 May;56(5):350-1 **(Ger)**

[Phototherapy and medical monitoring] Hölzle E, et al. **Derm Beruf Umwelt** 1984;32(5):177 **(Ger)**

[Legal decisions in iatrogenic damage in oro-maxillo-facial surgery] Horch HH. **Fortschr Kiefer Gesichtschir** 1985;30:18-22 **(Ger)**

[Legal decisions in surgery-induced nerve lesions of the maxillofacial area] Machtens E, et al. **Fortschr Kiefer Gesichtschir** 1985;30:22-4 **(Ger)**

[The forensic responsibility of the physician] Oechsler M. **Fortschr Kiefer Gesichtschir** 1985;30:1-4 **(Ger)**

[The responsibility of the physician to inform the patient, from the jurisprudence viewpoint] Pentz A. **Fortschr Kiefer Gesichtschir** 1985;30:4-6 **(Ger)**

[Physician liability and associated problems] Reichenbach M. **Fortschr Kiefer Gesichtschir** 1985;30:6-9 **(Ger)**

[Aspiration in operative interventions] Selle G. **Fortschr Kiefer Gesichtschir** 1985;30:26-8 **(Ger)**

[Informing the patient in operative medicine] Weissauer W. **Fortschr Kiefer Gesichtschir** 1985;30:9-11 **(Ger)**

[Change of mind following failed abortion doesn't relieve the physician of liability] **Fortschr Med** 1985 Mar 7;103(9):70-1 **(Ger)**

[Pregnancy termination: not for family planning. The legal difference between sterilization and pregnancy termination is decisive] Krautkrämer H. **Fortschr Med** 1984 Sep 27;102(36):78 **(Ger)**

[Where does the responsibility of the physician for lending aid end?] Piechowiak H. **Fortschr Med** 1984 Oct 25;102(40):94-5 **(Ger)**

[Annulment of a medical treatment contract in violation of the abortion prohibition of Paragraph 218 StGB] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Aug;44(8):537-8 **(Ger)**

[Medical liability in the delayed use of cesarean section] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):591-2 **(Ger)**

[The physician's duty to explain the possibility of damage to the ureter during abdominal hysterectomy] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):758-9 (Eng. Abstr.) **(Ger)**

[Legal issues in sterilization using tubal coagulation] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):692-3 **(Ger)**

[Medical clinical responsibility in control studies in pregnancy and curettage of the uterus long after fetal death] Schlund GH. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):827-8 **(Ger)**

[From the records of the forensic commission: was an injury of the deep flexor tendons overlooked?] Scharizer E. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):238-40 (Eng. Abstr.) **(Ger)**

[Law and freedom in medical decisions from the viewpoint of the law] Eser A. **Langenbecks Arch Chir** 1984;364:505-16 (Eng. Abstr.) **(Ger)**

[Legal measures of medical standards] Schreiber HL. **Langenbecks Arch Chir** 1984;364:295-8 (Eng. Abstr.) **(Ger)**

[Care responsibilities of the surgeon in the jurisdiction of the federal court] Steffen E. **Langenbecks Arch Chir** 1984;364:287-91 (Eng. Abstr.) **(Ger)**

[Medical ethics from the viewpoint of the lawyer] Laufs A. **Lebensversicherungsmedizin** 1984 Oct 5;36(8):169-70 **(Ger)**

[Criminal aspects of the medical use of technology] Orschekowski W, et al. **Z Arztl Fortbild (Jena)** 1985;79(3):135-8 **(Ger)**

[Forensically relevant negligent treatment with personal damage in the field of medicine] Orschekowski W, et al. **Z Arztl Fortbild (Jena)** 1984;78(21):919-24 **(Ger)**

[Procedure in suspected iatrogenic damage of questionable civil rights relevance] Töppich E, et al. **Z Arztl Fortbild (Jena)** 1985;79(13):583-5 **(Ger)**

[Analysis of preliminary procedures in suits against physicians at the Aachen Public Prosecutor's Office between 1978 and 1981] Althoff H, et al. **Z Rechtsmed** 1984;93(4):273-82 (Eng. Abstr.) **(Ger)**

[Operation-induced iatrogenic lesions of the colon and rectum--diagnostic and therapeutic principles and legal insurance aspects] Adam G, et al. **Zentralbl Chir** 1984;109(19):1251-67 (Eng. Abstr.) **(Ger)**

[Surgical complications in the area of the bile ducts from the forensic viewpoint] Reichel J, et al. **Zentralbl Chir** 1985;110(11):678-85 (Eng. Abstr.) **(Ger)**

[Malpractice among health service personnel in the fields of obstetrics and gynecology] Heimrath T. **Ginekol Pol** 1984 May;55(5):365-70 (Eng. Abstr.) **(Pol)**

[Medical errors in obstetrics] Marek Z. **Ginekol Pol** 1984 Aug;55(8):545-52 **(Pol)**

[Complications of surgical treatment of retinal detachment in forensic expert testimony] Mondelski S. **Klin Oczna** 1985 Feb;87(2):66-7 (Eng. Abstr.) **(Pol)**

[Malpractice and legal responsibility] Baran E, et al. **Przegl Lek** 1984;41(12):709-13 (Eng. Abstr.) **(Pol)**

[Legal basis for using administrative sanctions by authorities of sanitary-epidemiological institutions] Chmutov VG. **Gig Sanit** 1985 Feb;(2):31-4 **(Rus)**

[Shortcomings of reports of forensic medicine experts with regard to the professional malpractice of medical workers] Panov IE, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):48-9 **(Rus)**

[Forensic expert testimony with regard to trauma in cases of hospital death] Sosenko IuI. **Sud Med Ekspert** 1985 Jan-Mar;28(1):17-21 (Eng. Abstr.) **(Rus)**

TRENDS

The ten-year malpractice experience of a large urban EMS system. Soler JM, et al. **Ann Emerg Med** 1985 Oct;14(10):982-5

Meeting the challenge of a changing malpractice climate. Thrower LW. **Colo Med** 1984 Sep;81(9):231-2, 237

Recent trends in medical professional liability. AMA Center for Health Policy Research. **Conn Med** 1985 Jul;49(7):475-7

Malpractice problem worsening. **IMJ** 1985 Mar;167(3):209-11

Medical malpractice--1985. Reflections of a health care provider. Halley MM. **Indiana Med** 1985 Aug;78(8):708-14

The outlook for dental malpractice insurance. Council on Insurance. Johnson B, et al. **J Am Dent Assoc** 1985 Mar;110(3):395-7

Variation in the growth and incidence of medical malpractice claims. Adams EK, et al. **J Health Polit Policy Law** 1984 Fall;9(3):475-88

The circle closes. Stratton WT. **J Kans Med Soc** 1984 Dec;85(12):330-2, 354 (20 ref.)

For completeness' sake. Coulehan JL. **Pa Med** 1985 Feb;88(2):28

The malpractice problem: a surgeon's viewpoint. Condon RE. **Wis Med J** 1984 Oct;83(10):9-15

MALT see **CEREALS**

MALTA FEVER see **BRUCELLOSIS**

MALTOSE

ANALOGS & DERIVATIVES

In vitro spleen cell proliferation following in vivo treatment with a synthetic glycolipid or lipid A in three mouse strains. Bonaventure J, et al. **Int J Immunopharmacol** 1984;6(4):259-67

[Influence of maltitol on lipid metabolism: fatty acid composition of the heart and brain of the rat] Barzanti V, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2091-7 (Eng. Abstr.) **(Ita)**

ANALYSIS

Determination of the concentration of maltose- and starch-like compounds in drinking water by growth measurements with a well-defined strain of a Flavobacterium species. van der Kooij D, et al. **Appl Environ Microbiol** 1985 Apr;49(4):765-71

GENETICS

The mac promoters: functional hybrid promoters activated by the malT product and repressed by the lacI product. Vidal-Ingigliardi D, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1163-72

[Comparative genetics of yeasts. XXII. The determination of alpha-methylglucoside fermentation by the maltose genes MAL6c2 and malx in the offspring of Saccharomyces cerevisiae N. C. Y. C. 74 strain] Naumov GI, et al. **Genetika (Moskva)** 1984 Sep;20(9):1472-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Contribution of 500 g naturally labeled 13C dextrin maltose to total carbohydrate utilization and the effect of the antecedent diet, in man. Acheson KJ, et al. **Am J Clin Nutr** 1985 May;41(5):881-90

Intraoral demineralization and maltose clearance from wheat starch. Brudevold F, et al. **Caries Res** 1985;19(2):136-44

On porcine pancreatic alpha-amylase action: kinetic evidence for the binding of two maltooligosaccharide molecules (maltose, maltotriose and o-nitrophenylmaltoside) by inhibition studies. Correlation with the five-subsite energy profile. Seigner C, et al. **Eur J Biochem** 1985 Apr 1;148(1):161-8

Maltose-binding protein does not modulate the activity of maltoporin as a general porin in Escherichia coli. Brass JM, et al. **J Bacteriol** 1985 Feb;161(2):720-6

Dependence of maltose transport and chemotaxis on the amount of maltose-binding protein. Manson MD, et al. **J Biol Chem** 1985 Aug 15;260(17):9727-33

A change of threonine 266 to isoleucine in the lac permease of Escherichia coli diminishes the transport of lactose and increases the transport of maltose. Markgraf M, et al. **MGG** 1985;198(3):473-5

A hybrid DNA sequence containing the replication origin of the multicopy yeast plasmid 2 micron circle and an additional repeated sequence can convert maltose-negative into maltose-positive strains. Rodicio R, et al. **MGG** 1984;197(3):491-6

Isolation and nucleotide sequencing of lactose carrier mutants that transport maltose. Brooker RJ, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3959-63

MAMMAE

Comedocarcinoma as symmetrical cuirass cancer in the mammary glands of a female boxer. Schönbauer M, et al. **Acta Vet Hung** 1984;32(3-4):171-3

Venous blood pressure relative to the development of bovine udder edema. Vestweber JG, et al. **Am J Vet Res** 1985 Jan;46(1):157-9

The effect polyethylene intramammary devices on the somatic cell count and milk production of dairy cows. Stephens LR, et al. **Aust Vet J** 1984 Jul;61(7):229-30

Teat skin lesions and mastitis. Francis PG. **Br Vet J** 1984 Sep-Oct;140(5):430-6

Udder edema: biochemical studies in Holstein cattle. Vestweber JG, et al. **Cornell Vet** 1984 Oct;74(4):366-72

Clonal origin of spontaneous multiple mammary tumors in mice with cellular mosaicism. Tanaka K, et al. **Gann** 1984 Sep;75(9):792-7

Chemotherapy of advanced mammary adenocarcinoma in 14 cats. Jeglum KA, et al. **J Am Vet Med Assoc** 1985 Jul 15;187(2):157-60

Evaluation of effect of levamisole on feline mammary cancer. MacEwen EG, et al. **J Biol Response Mod** 1984 Oct;3(5):541-6

An examination of teat drying with disinfectant impregnated cloths on the bacteriological quality of milk and on the transfer of Streptococcus agalactiae before milking. McKinnon CH, et al. **J Dairy Res** 1985 Aug;52(3):355-9

Effects of premilking udder preparation on bacterial population, sediment, and iodine residue in milk. Galton DM, et al. **J Dairy Sci** 1984 Nov;67(11):2580-9

Intraductal mammary carcinoma and benign ovarian teratoma in a rhesus monkey. Eydelloth RS, et al. **J Med Primatol** 1983;12(2):101-5

Estrogen and progesterone receptors and progesterone metabolism in canine mammary tumours. Inaba T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):797-803

Canine mammary gland tumors. Ferguson HR. **Vet Clin North Am [Small Anim Pract]** 1985 May;15(3):501-11 (35 ref.)

Feline mammary tumors. Hayes AA, et al. **Vet Clin North Am [Small Anim Pract]** 1985 May;15(3):513-20

Mammary carcinoma with metastasis in a rhesus monkey (Macaca mulatta). Hubbard GB, et al. **Vet Pathol** 1984 Sep;21(5):531-3

Amyloid in canine mammary tumors. Vos JH, et al. **Vet Pathol** 1985 Jul;22(4):347-54

Selenium/vitamin E and cancerous conditions [letter] Cowie RS. **Vet Rec** 1985 Feb 9;116(6):168

Chronic udder oedema in milking cows and heifers. Jones TO, et al. **Vet Rec** 1984 Sep 1;115(9):218-9

Papillomas of the teats and udder of cattle and their causal viruses. Lindholm I, et al. **Vet Rec** 1984 Dec 1;115(22):574-7

[Mammary changes in male dogs following gestagen treatment] Braun U, et al. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):447-51 (Eng. Abstr.) **(Ger)**

[Concepts for increased cooperation of practicing veterinarians in the monitoring of udder health in dairy animal stocks] Merck CC. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1;97(7):229-35 (Eng. Abstr.) **(Ger)**

[A mixed mamma tumor, a theca cell tumor and a leiomyoma in a bitch] Röcken H. **Berl Munch Tierarztl Wochenschr** 1985 Jun 1;98(6):220-1 (Eng. Abstr.) **(Ger)**

[Nomenclature and classification of animal tumors based on currently recognized classification systems exemplified by mammary tumors. A contribution to comparative oncology] Schönbauer M. **Berl Munch Tierarztl Wochenschr** 1984 Jul 1;97(7):245-51 (Eng. Abstr.) **(Ger)**

[Fine structure of comedocarcinoma in dogs and cats] Schönbauer M. **Berl Munch Tierarztl Wochenschr** 1984 Dec 1;97(12):451-6 (Eng. Abstr.) **(Ger)**

[Mammary tumors in the dog: diagnosis, prognosis and biological behavior] Kälin S, et al. **Schweiz Arch Tierheilkd** 1985 Mar;127(3):205-12 (Eng. Abstr.) **(Ger)**

[Enzootic nodular ulcerative thelitis with Mycobacterium infection in cows] Rüsch P, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):467-78 (Eng. Abstr.) **(Ger)**

[A mammary adenocarcinoma with skeletal metastasis in a female dog] Schäffer EH, et al. **Tierarztl Prax** 1984; 12(2):251-4 **(Ger)**

ANALYSIS

Beta-adrenergic receptors in rat mammary gland. Lavandero S, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):2034-6

Specific neutralizing antiserum against a polypeptide growth inhibitor for mammary cells purified from bovine mammary gland. Böhmer FD, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):145-54

Isolation and characterization of new proteins produced by the infusion of colchicine in goat mammary gland. Groves ML, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):105-12

Is ribonucleotide reductase in Ehrlich ascites mammary tumour cells the target of a growth inhibitor purified from bovine mammary gland? Langen P, et al. **Biomed Biochim Acta** 1984;43(12):1377-83

Comparison of nuclear proteins from DMBA-induced mammary tumors and lactating mammary glands by polyacrylamide gel electrophoresis. Dinh BL, et al. **Breast Cancer Res Treat** 1985;5(1):37-46

Heterogeneity of keratin expression in mouse mammary hyperplastic alveolar nodules and adenocarcinomas. Asch HL, et al. **Cancer Res** 1985 Jun;45(6):2760-8

Prolactin-binding components in rabbit mammary gland: characterization by partial purification and affinity labeling. Katoh M, et al. **Endocrinology** 1985 Jun;116(6):2612-20

Thyroid hormone-binding inhibitor in normal, pregnant, and lactating rat and postmenopausal human breast tissue. Oberkotter LV, et al. **Endocrinology** 1985 Aug;117(2):511-4

Glucocorticoid receptors in primary cultures of mouse mammary epithelial cells: characterization and modulation by prolactin and cortisol. Schneider W, et al. **Endocrinology** 1985 Jun;116(6):2656-62

Modulation of steroid receptors in rat mammary glands. Seshadri R, et al. **Indian J Exp Biol** 1984 Oct;22(10):523-6

Variation of the poly(A) size classes in the rat mammary gland during the lactation cycle. Nadin-Davis SA, et al. **Int J Biochem** 1985;17(3):415-20

Heparan sulfate proteoglycans from mouse mammary epithelial cells. Cell surface proteoglycan as a receptor for interstitial collagens. Koda JE, et al **J Biol Chem** 1985 Jul 5;260(13):8157-62

The cell surface proteoglycan from mouse mammary epithelial cells bears chondroitin sulfate and heparan sulfate glycosaminoglycans. Rapraeger A, et al. **J Biol Chem** 1985 Sep 15;260(20):11046-52

Sodium and potassium distribution in the lactating mouse mammary gland in vivo. Berga SE, et al. **J Physiol (Lond)** 1985 Apr;361:219-30

[Purification and properties of cathepsin D from the mammary glands of lactating rabbits] Markovich NA, et al. **Biokhimiia** 1985 May;50(5):795-803 (Eng. Abstr.) **(Rus)**

[Primary structure of tRNA2Leu of bovine mammary gland. Oligonucleotides of T1-RNAse hydrolysate. Reconstruction of a total nucleotide sequence] Tukalo MA, et al. **Bioorg Khim** 1984 Jan;10(1):58-67 (Eng. Abstr.) **(Rus)**

[Primary structure of tRNA2Leu from the bovine udder. Determination of the oligonucleotide structure of the pyrimidyl-RNAse hydrolysate of tRNA2Leu by microspectrophotometric methods] Tukalo MA, et al. **Bioorg Khim** 1984 Jan;10(1):50-7 (Eng. Abstr.) **(Rus)**

[Primary structure of tRNALeuIAG from the mammary gland of the lactating cow] Vasil'eva IG, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1321-5 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Changes in the microscopic anatomy of the bovine teat canal during mammary involution. Comalli MP, et al. **Am J Vet Res** 1984 Nov;45(11):2236-42

Correlated response of udder dimensions to selection for milk yield in Holsteins. Petersen ML, et al. **J Dairy Sci** 1985 Jan;68(1):99-113

Some observations on the morphology of the bovine teat canal (Ductus papillaris mammae). van der Merwe NJ. **J S Afr Vet Assoc** 1985 Mar;56(1):13-6

[Histological and histochemical studies of the involution of the mammary gland in swine] Rahm S, et al. **Zentralbl Veterinarmed [A]** 1984 Dec;31(10):776-91 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

Mammary blood flow regulation in the nursing rabbit. Katz M, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):497-500

Mammary blood flow and regulation of substrate supply for milk synthesis. Davis SR, et al. **J Dairy Sci** 1985 Apr; 68(4):1041-58 (157 ref.)

CYTOLOGY

Cell proliferation in the principal target organs of the dog (beagle) ovary during various periods of the estrous cycle. Spanel-Borowski K, et al. **Acta Anat (Basel)** 1984; 120(4):207-13

Isolation of rat mammary epithelial cells for polyamine analysis. Minocha R, et al. **Biochem J** 1984 Nov 1; 223(3):929-32

Cell kinetics in normal and neoplastic mammary tissues by flow cytometric analyses. Kute TE, et al. **Cytometry** 1985 Jul;6(4):362-7

Subpopulations of cells in immature mouse mammary gland as detected by proliferative responses to hormones in organ culture. du Bois M, et al. **Dev Biol** 1984 Nov;106(1):70-5

Differentiation of mammary epithelial stem cells to alveolar-like cells in culture: cellular pathways and kinetics of the conversion process. Paterson FC, et al. **Dev Biol** 1985 Feb;107(2):301-13

Stimulation of mammary epithelial cell growth in vitro: interaction of epidermal growth factor and mammogenic hormones. Imagawa W, et al. **Endocrinology** 1985 Apr; 116(4):1514-24

Collagenous substrata regulate the nature and distribution of glycosaminoglycans produced by differentiated cultures of mouse mammary epithelial cells. Parry G, et al. **Exp Cell Res** 1985 Feb;156(2):487-99

Isolation and differentiation of cloned epithelial cell lines from normal rat mammary glands. Ormerod EJ, et al. **In Vitro Cell Dev Biol** 1985 Mar;21(3 Pt 1):143-53

Heparan sulfate proteoglycans from mouse mammary epithelial cells. Basal extracellular proteoglycan binds specifically to native type I collagen fibrils. Koda JE, et al. **J Biol Chem** 1984 Oct 10;259(19):11763-70

Cell surface proteoglycan of mammary epithelial cells. Protease releases a heparan sulfate-rich ectodomain from a putative membrane-anchored domain. Rapraeger A, et al. **J Biol Chem** 1985 Apr 10;260(7):4103-9

Cell-cell interactions promote mammary epithelial cell differentiation. Levine JF, et al. **J Cell Biol** 1985 May; 100(5):1415-22

Phagocytosis of Staphylococcus aureus by bovine mammary gland macrophages and intracellular protection from antibiotic action in vitro and in vivo. Craven N, et al. **J Dairy Res** 1984 Nov;51(4):513-23

Possible roles of calcium and calmodulin in mammary gland differentiation in vitro. Bolander FF Jr. **J Endocrinol** 1985 Jan;104(1):29-34

Interleukin 1 increases collagen type IV production by murine mammary epithelial cells. Matsushima K, et al. **J Immunol** 1985 Feb;134(2):904-9

Primary culture and serial passage of normal and carcinogen-treated rat mammary epithelial cells in vitro. Ethier SP. **JNCI** 1985 Jun;74(6):1307-18

Increased abundance of a normal cell mRNA sequence accompanies the conversion of rat mammary cuboidal epithelial cells to elongated myoepithelial-like cells in culture. Barraclough R, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):8097-114

Phagocytic and bactericidal properties of bovine macrophages from non-lactating mammary glands. Mullan NA, et al. **Res Vet Sci** 1985 Mar;38(2):160-6

A method for silver impregnation of mammary myoepithelia. Caruolo EV, et al. **Stain Technol** 1985 Sep;60(5):255-60

Ultrastructural features of bovine mammary epithelial cells grown on collagen gels. MacKenzie DD, et al. **Tissue Cell** 1985;17(1):39-51

DRUG EFFECTS

Action of epinephrine on the function of the teat sphincter in the lactating cow. Vandeputte-Van Messom G, et al. **Am J Vet Res** 1984 Oct;45(10):2145-9

Prolactin homogeneously induces the tRNA population of mouse mammary explants. Green MR, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):233-9

The effect of tunicamycin on transferrin synthesis and secretion in hormonally stimulated explants of rabbit mammary gland. Bradshaw JP, et al. **Biosci Rep** 1985 Mar; 5(3):229-36

Zeranol (beta-resorcylic acid lactone), a common residous component of natural foodstuffs, stimulates developmental growth of the mouse mammary gland. Sheffield LG, et al. **Cancer Lett** 1985 Aug;28(1):77-83

Carcinogenic responses to chemicals applied directly to rat mammary glands in situ. Holtzman S, et al. **Carcinogenesis** 1985 May;6(5):769-72

Role of hormones on the induction of retinoic acid binding protein in mouse mammary gland organ culture. Mehta RG, et al. **Carcinogenesis** 1985 Aug;6(8):1103-7

Retinoids and mammary gland differentiation. Moon RC, et al. **Ciba Found Symp** 1985;113:156-67 (23 ref.)

Estrogen responsiveness of normal mouse mammary cells in primary cell culture: association of mammary fibroblasts with estrogenic regulation of progesterone receptors. Haslam SZ, et al. **Endocrinology** 1985 May;116(5):1835-44

Effects of colchicine on milk yield, composition, and cellular differentiation during caprine lactogenesis. Sordillo LM, et al. **Int J Biochem** 1984;16(11):1135-41

Antiestrogenic action of dihydrotestosterone in mouse breast. Competition with estradiol for binding to the estrogen receptor. Casey RW, et al. **J Clin Invest** 1984 Dec; 74(6):2272-8

Effect of serotonin on the motility of smooth muscles in teats of lactating cows. Vandeputte-Van Messon G, et al. **J Dairy Res** 1985 Aug;52(3):347-53

The oestrogenicity of equol in sheep. Kaziro R, et al. **J Endocrinol** 1984 Dec;103(3):395-9

Effects of relaxin on the mouse mammary gland. I. The myoepithelial cells. Bani G, et al. **J Endocrinol Invest** 1985 Jun;8(3):207-15

Effect of NDGA, a lipoxygenase inhibitor, on prolactin actions in mouse mammary gland explants. Rillema JA. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):89-94

ENZYMOLOGY

Studies on rat mammary gland acetyl-CoA carboxylase. Ahmad F, et al. **Ann NY Acad Sci** 1985;447:189-201

Calmodulin-dependent protein kinase in acini from lactating rat mammary tissue: subcellular locale, characterization, and solubilization. Brooks CL, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):663-73

Lipolytic activity of crude or partially purified lipase of the mouse mammary gland at various substrate concentrations. Anzai T, et al. **Biochem Int** 1983 May;6(5):635-41

Malic enzyme from the rat mammary gland. Grigor MR. **Biochem Int** 1983 Jun;6(6):751-5

Gamma-glutamyltransferase activity in mammary gland of pregnant rats and its regulation by ovarian hormones, prolactin and placental lactogen. Bussmann LE, et al. **Biochem J** 1984 Oct 1;223(1):275-7

Amino acid sequence around the active-site serine residue in the acyltransferase domain of goat mammary fatty acid synthetase. Mikkelsen J, et al. **Biochem J** 1985 Apr 1; 227(1):21-7

Evidence that the medium-chain acyltransferase of lactating-goat mammary-gland fatty acid synthetase is identical with the acetyl/malonyltransferase. Mikkelsen J, et al. **Biochem J** 1985 May 1;227(3):981-5

A Ca2+-stimulated adenosine triphosphatase in Golgi-enriched membranes of lactating murine mammary tissue. Watters CD. **Biochem J** 1984 Nov 15;224(1):39-45

Inhibitory effects of sulfhydryl reagents on acetyl-CoA carboxylase from rat mammary gland. Ahmad PM, et al. **Biochim Biophys Acta** 1984 Sep 11;789(2):152-8

The characterization and regulation of a polyamine-responsive, cyclic nucleotide-independent protein kinase activity in the mouse mammary gland. Leiderman LJ, et al. **Biochim Biophys Acta** 1985 Feb 21; 844(2):95-104

Secretion of a cysteine proteinase from a hormone-independent cell population of cultured explants of murine mammary gland. Recklies AD, et al. **Cancer Res** 1985 May;45(5):2294-301

Characterization of a cysteine proteinase secreted by mouse mammary gland. Recklies AD, et al. **Cancer Res** 1985 May; 45(5):2302-7

Influence of starvation/refeeding transition on lipogenesis and NADPH producing systems in adipose tissue, mammary gland and liver at mid-lactation. Careche M, et al. **Horm Metab Res** 1985 May;17(5):226-9

Effect of prolactin and glucocorticoids on P-enolpyruvate carboxykinase activity in liver and mammary gland from diabetic and lactating rats. Lobato MF, et al. **Mol Cell Biochem** 1985 May;67(1):19-23

Prolactin stimulation of ornithine decarboxylase activity in the mammary gland may involve an activation of protein kinase C. Rillema JA. **Proc Soc Exp Biol Med** 1985 Mar; 178(3):490-4

[Specific proteases which degrade prolactin in the mammary glands; subcellular localization and inhibitory analysis] Marinchenko GV. **Biokhimiia** 1985 Feb;50(2):200-10 (Eng. Abstr.) **(Rus)**

[A system of specific proteases degrading prolactin in the membranes of nuclei, mitochondria and lysosomes of mammary gland tissue] Marinchenko GV. **Dokl Akad Nauk SSSR** 1985;280(6):1479-84 **(Rus)**

GROWTH & DEVELOPMENT

Effect of vitamin A deficiency on mammary gland development and susceptibility to mastitis through intramammary infusion with Staphylococcus aureus in mice. Chew BP, et al. **Am J Vet Res** 1985 Jan;46(1):287-93

Comparative analysis of casein synthesis during mammary cell differentiation in collagen and mammary gland development in vivo. Durban EM, et al. **Dev Biol** 1985 Jun;109(2):288-98

Primate mammary development. Effects of hypophysectomy, prolactin inhibition, and growth hormone administration. Kleinberg DL, et al. **J Clin Invest** 1985 Jun;75(6):1943-50

Growth and biochemical changes in mammary glands of ewes from 1 to 18 months of age. Hassan A, et al. **J Dairy Sci** 1985 Jul;68(7):1647-51

Mammary growth response of Holstein heifers to photoperiod. Petitclerc D, et al. **J Dairy Sci** 1985 Jan; 68(1):86-90

Relationship between milk production and mammary gland indices of guinea pigs. Sheffield LG, et al. **J Dairy Sci** 1985 Mar;68(3):638-45

Hormone concentrations, mammary development and milk yield in goats given long-term bromocriptine treatment in pregnancy. Forsyth IA, et al. **J Endocrinol** 1985 Jan; 104(1):77-85

Lumen formation and redistribution of inframembranous proteins during differentiation of ducts in the rat mammary gland. Dulbecco R, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5763-6

IMMUNOLOGY

Breast cancer markers: comparison between sialyltransferase and human mammary epithelial antigens (HME-Ags) for the detection of human breast tumors grafted in nude mice. Sasaki M, et al. **Breast Cancer Res Treat** 1985;5(1):51-6

A monoclonal antibody to a mammary cell line recognizes two distinct subtypes of ovarian granulosa cells. Erickson GF, et al. **Endocrinology** 1985 Oct;117(4):1490-9

Monoclonal antibodies prepared against PAS-I butyrophilin and GP-55 from guinea-pig milk-fat-globule membrane bind specifically to the apical pole of secretory-epithelial cells in lactating mammary tissue. Johnson VG, et al. **Exp Cell Res** 1985 May;158(1):144-58

Affinity of antibody at a secretory site in the rat. Cox DS, et al. **Immunol Invest** 1985 Apr;14(2):151-9

Immune mechanisms of the bovine udder: an overview. Nickerson SC. **J Am Vet Med Assoc** 1985 Jul 1;187(1):41-5 (26 ref.)

The effect of local and parenteral vaccination on the response of the guinea pig mammary gland to staphylococcal challenge. Nonnecke BJ, et al. **J Reprod Immunol** 1984 Dec;6(6):365-76

Specific antibody-containing cells in the mammary gland of non-lactating sheep after intraperitoneal and intramammary immunisation. Sheldrake RF, et al. **Res Vet Sci** 1985 May;38(3):312-6

Humoral and cellular factors affecting the neutrophil response of the locally immunised mammary gland to staphylococcal infection. Colditz IG, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):107-18

Comparative effect of selected adjuvants on the response in the bovine mammary gland to staphylococcal and streptococcal antigens. Opdebeeck JP, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3-4):341-51

INJURIES

Healing of experimentally induced wounds of mammary papilla (teat) of the cow: comparison of closure with tissue adhesive versus nonsutured wounds. Grymer J, et al. **Am J Vet Res** 1984 Oct;45(10):1979-83

METABOLISM

In vitro rabbit mammary gland chromatin replication studied by micrococcal nuclease digestion. Kleczkowska D, et al. **Acta Biochim Pol** 1984;31(3):307-16

Transcapillary passage of albumin in mammary tumours and in normal lactating mammary glands of the rat. Haraldsson B, et al. **Acta Physiol Scand** 1984 Dec;122(4):497-505

Identification and characterization of 3H-prazosin binding to alpha 1-adrenoceptors in bovine teat muscles. Roets E, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):189-98

Identification of beta-adrenoceptors in bovine teat muscles by 3H-dihydroalprenolol binding. Roets E, et al. **Arch Int Pharmacodyn Ther** 1984 Aug;270(2):203-14

Effect of progesterone alone and in combination with either corticosterone, 17 beta-estradiol or insulin on prolactin-stimulated fatty acid synthesis in mammary explants from pseudopregnant rabbits. Martyn P, et al. **Aust J Biol Sci** 1984;37(1-2):79-84

Partitioning of nutrients in Merino ewes. I. Contribution of skeletal muscle, the pregnant uterus and the lactating mammary gland to total energy expenditure. Oddy VH, et al. **Aust J Biol Sci** 1984;37(5-6):375-88

Prolactin receptors in the rat mammary gland. Change during the estrous cycle. Guillaumot P, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):612-7

Effects of estrogen-depletion on rat casein gene expression. Sankaran L, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):682-9

Regulation of lactating-rat mammary-gland lipogenesis by insulin and glucagon in vivo. The role and site of action of insulin in the transition to the starved state. Jones RG, et al. **Biochem J** 1984 Oct 15;223(2):345-51

Characterization of prolactin receptors in pig mammary gland. Sakai S, et al. **Biochem J** 1984 Dec 15;224(3):911-22

Ca2+ transport and Ca2+-dependent ATP hydrolysis by Golgi vesicles from lactating rat mammary glands. Virk SS, et al. **Biochem J** 1985 Mar 15;226(3):741-8

Evidence that the stimulation of lipogenesis in the mammary glands of starved lactating rats re-fed with a chow diet is dependent on continued hepatic gluconeogenesis during the absorptive period. Effects of a gluconeogenic inhibitory, mercaptopicolinic acid, in vivo. Williamson DH, et al. **Biochem J** 1985 Jun 15;228(3):727-33

Metabolic activation of 7,12-dimethylbenz[a]anthracene in rat mammary tissue: fluorescence spectral characteristics of hydrocarbon-DNA adducts. Vigny P, et al. **Cancer Lett** 1985 Feb;26(1):51-9

Aberrant activation of benzo(a)pyrene in cultured rat mammary cells in vitro and following direct application to rat mammary glands in vivo. Phillips DH, et al. **Cancer Res** 1985 Sep;45(9):4167-74

Methylation and expression of rat kappa-casein gene in normal and neoplastic rat mammary gland. Thompson MD, et al. **Cancer Res** 1985 Mar;45(3):1291-5

Microsomal metabolism of the carcinogen, N-2-fluorenyl-acetamide, by the mammary gland and liver of female rats. II. Glucuronidation of ring- and N-hydroxylated metabolites of N-2-fluorenylacetamide. Malejka-Giganti D, et al. **Carcinogenesis** 1985 May;6(5):687-92

Microsomal metabolism of the carcinogen, N-2-fluorenylacetamide, by the mammary gland and liver of female rats. I. Ring- and N-hydroxylations of N-2-fluorenylacetamide. Malejka-Giganti D, et al. **Carcinogenesis** 1985 Jan;6(1):95-103

Metabolism of 2-aminoanthracene by BALB/c and C57BL mammary epithelium in vitro. Silva MH, et al. **Carcinogenesis** 1985 Jan;6(1):53-8

Process of the combination of alpha-lactalbumin with lysosomes in mammary epithelial cells. Komine S, et al. **Cell Biochem Funct** 1985 Jan;3(1):41-4

Expression of keratins and other cytoskeletal proteins in mouse mammary epithelium during the normal developmental cycle and primary culture. Asch HL, et al. **Dev Biol** 1985 Feb;107(2):470-82

Variation of DNA polymerase activities and DNA synthesis in mouse mammary gland during pregnancy and early lactation. Zwierzchowski L, et al. **Differentiation** 1984;28(2):179-85

Epidermal growth factor receptor levels in mouse mammary glands in various physiological states. Edery M, et al. **Endocrinology** 1985 Jul;117(1):405-11

Correlation between in vitro growth and regulation of estrogen and progesterone receptors in rat mammary epithelial cells. Edery M, et al. **Endocrinology** 1984 Nov;115(5):1691-7

Regulation of estrogen and progesterone receptor levels in mouse mammary epithelial cells grown in serum-free collagen gel cultures. Edery M, et al. **Endocrinology** 1985 Jan;116(1):105-12

Progesterone withdrawal stimulates mammary gland tubulin polymerization in pregnant rats. Loizzi RF. **Endocrinology** 1985 Jun;116(6):2543-7

Temporal sequence of prolactin actions on phospholipid biosynthesis in mouse mammary gland explants. Rillema JA, et al. **Endocrinology** 1985 Feb;116(2):511-5

Protein kinase activity in the rat mammary gland during pregnancy, lactation, and weaning: a correlation with growth but not with progesterone receptor levels. Sharoni Y, et al. **Endocrinology** 1984 Nov;115(5):1918-24

Morphological and biochemical characterization of possible intracellular precursors of milk lipid globules. Dylewski DP, et al. **Eur J Cell Biol** 1984 Sep;35(1):99-111

Further characterization of the inhibition of casein production in a primary mouse mammary epithelial cell culture by epidermal growth factor. Antagonism by cyclic AMP. Arakawa M, et al. **Exp Cell Res** 1985 May;158(1):111-8

Casein production during differentiation of mammary epithelial cells in collagen gel culture. Rocha V, et al. **Exp Cell Res** 1985 Jul;159(1):201-10

Prolactin-like actions of phospholipase C on RNA and casein synthesis in mouse mammary gland explants. Rillema JA. **Horm Metab Res** 1984 Oct;16(10):532-4

Fatty acid synthesizing capacity of mammary gland in relation to plasma hormone levels at different stages of pregnancy and lactation in goats. Sarma PV, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):255-9

Identification of a major N-glycosylated protein of rabbit mammary gland and its appearance during development in vivo. Bradshaw JP, et al. **Int J Biochem** 1985;17(2):175-85

A review of endocrine regulation of metabolism during lactation. Collier RJ, et al. **J Anim Sci** 1984 Aug;59(2):498-510 (97 ref.)

Correlation between nuclear histone acetylation and casein messenger RNA induction in the mammary gland. Hirose M, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):781-9

Heparan sulfate-chondroitin sulfate hybrid proteoglycan of the cell surface and basement membrane of mouse mammary epithelial cells. David G, et al. **J Biol Chem** 1985 Sep 15;260(20):11067-74

Expression of kappa-casein in normal and neoplastic rat mammary gland is under the control of prolactin. Nakhasi HL, et al. **J Biol Chem** 1984 Dec 10;259(23):14894-8

In vitro metabolism of [3H] corticosterone by mammary glands from lactating rats. Isolation and identification of 21-acyl[3H]corticosterone. Pearlman WH, et al. **J Biol Chem** 1985 May 10;260(9):5296-301

Mammary uptake of amino acids and glucose throughout lactation in Friesland sheep. Fleet IR, et al. **J Dairy Res** 1985 May;52(2):229-37

Characterization of lactogenic hormone binding to membranes from ovine and bovine mammary gland and liver. Akers RM, et al. **J Dairy Sci** 1984 Oct;67(10):2224-35

Cationic amino acid transport by bovine mammary tissue. Baumrucker CR. **J Dairy Sci** 1984 Nov;67(11):2500-6

Effects of propionate and methylmalonate on conversions of acetate, butyrate, and D(-)-3-hydroxybutyrate to fatty acids and carbon dioxide by mammary tissue slices of goats. Emmanuel B, et al. **J Dairy Sci** 1985 Mar;68(3):751-4

Measures of de novo synthesis of milk components from propionate in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1985 Feb;68(2):312-9

Roles of acetate and its interactions with glucose and lactate in cow mammary tissue. Forsberg NE, et al. **J Dairy Sci** 1984 Oct;67(10):2247-54

Aspects of intracellular transit of serum and lipid phases of milk. Keenan TW, et al. **J Dairy Sci** 1985 Apr;68(4):1025-40 (60 ref.)

The effect of dietary protein quality and feeding level on milk secretion and mammary protein synthesis in the rat. Sampson DA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):274-83

Inhibition of fatty acid synthesis in rabbit mammary alveolar explants by progesterone and related steroids. Martyn P, et al. **J Steroid Biochem** 1985 Aug;23(2):159-63

Characterization of a glucocorticoid receptor in neonatal rat mammary gland. Turrel MO, et al. **J Steroid Biochem** 1985 Mar;22(3):431-4

Effect of estradiol and relaxin on collagen and non-collagen protein synthesis by mammary fibroblasts. Sheffield LG, et al. **Life Sci** 1984 Nov 26;35(22):2199-203

Mammary transfer and metabolism in the rat of halogenated fatty acids of halogenated olive oil. Conacher HB, et al. **Lipids** 1984 Sep;19(9):637-42

Substance P immunoreactivity in the rat mammary nipple and the effects of capsaicin treatment on lactation. Traurig H, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov;328(1):1-8

Distribution of antiestrogen-specific binding sites in normal and neoplastic mammary gland. Mehta RG, et al. **Oncology** 1984;41(6):387-92

Estradiol 16 alpha-hydroxylation in the mouse correlates with mammary tumor incidence and presence of murine mammary tumor virus: a possible model for the hormonal etiology of breast cancer in humans. Bradlow HL, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6295-9

[Synthesis and cloning of DNA complementary to mRNA of the bovine mammary gland] Gorodetskiĭ SI, et al. **Genetika (Moskva)** 1985 Feb;21(2):191-200 (Eng. Abstr.) **(Rus)**

[The effect of exogenous tRNA from different sources on the biosynthesis of milk proteins] Turkovskaia GV, et al. **Mol Biol (Mosk)** 1984 Sep-Oct;18(5):1380-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

The pathogenicity of some ovine or caprine mycoplasmas in the lactating mammary gland of sheep and goats. Jones GE. **J Comp Pathol** 1985 Jul;95(3):305-18

Iodine concentrations in milk from iodophor teat dips. Berg JN, et al. **J Dairy Sci** 1985 Feb;68(2):457-61

Efficacy evaluation of two new teat dip formulations under experimental challenge. Pankey JW, et al. **J Dairy Sci** 1985 Feb;68(2):462-5

Field studies on linear dodecyl benzene sulfonic acid teat dip. Pankey JW, et al. **J Dairy Sci** 1985 Jun;68(6):1523-30

Evaluation of experimental teat dip containing sodium chlorite and lactic acid by excised teat assay. Schmidt AL, et al. **J Dairy Sci** 1984 Dec;67(12):3075-80

Germicidal persistence of teat dips by modified excised teat procedure. Schmidt AL, et al. **J Dairy Sci** 1985 Jan;68(1):158-62

Evaluation of teat dips with excised teats. Watts JL, et al. **J Dairy Sci** 1984 Sep;67(9):2062-5

Mouse mammary tumour virus: a proviral gene contributes to the understanding of eukaryotic gene expression and mammary tumorigenesis. Ponta H, et al. **J Gen Virol** 1985 May;66 (Pt 5):931-43 (103 ref.)

Organization and expression of mouse mammary tumor virus sequences in normal and neoplastic C3Hf/HeSed mouse tissues. Popko BJ, et al. **J Virol** 1984 Nov;52(2):328-35

PARASITOLOGY

Localization and associated histopathology of asexually proliferative Mesocestoides corti tetrathyridia (Cestoda) infecting mouse mammary glands. Williams CA, et al. **Int J Parasitol** 1985 Jun;15(3):245-8

Pathway of mesocercariae of Alaria marcianae (Trematoda) through the mammary glands of lactating mice. Shoop WL, et al. **J Parasitol** 1984 Jun;70(3):333-6

PATHOLOGY

Pathogenesis of Staphylococcus aureus mastitis: bacteriologic, histologic, and ultrastructural pathologic findings. Gudding R, et al. **Am J Vet Res** 1984 Dec;45(12):2525-31

The effect of bromocriptine on the mammary glands of hyperprolactinemic rats. A histologic, ultrastructural and morphometric study. Murray IC, et al. **Exp Pathol** 1984;26(3):131-40

Firm udder in periparturient ewes with lymphocytic accumulations, retrovirus infection, and milk unavailable at the teat. Anderson BC, et al. **J Am Vet Med Assoc** 1985 Feb 15;186(4):391-3

Hyperplastic and neoplastic changes in the mammary glands of feral mice free of endogenous mouse mammary tumor virus provirus. Faulkin LJ, et al. **JNCI** 1984 Oct;73(4):971-82

Histological staining by tritiated actinomycin D: a useful tool to study neoplastic cell heterogeneity and estrogen sensitivity of mammary tumors. Kiss R, et al. **Oncology** 1985;42(2):129-32

Electron microscopic study of leucocytic infiltration of the mammary teat duct during infection with Staphylococcus aureus. Nickerson SC, et al. **Res Vet Sci** 1985 Mar;38(2):167-73

Morphologic features and incidence of spontaneous hyperplastic and neoplastic mammary gland lesions in Wistar rats. Barsoum NJ, et al. **Toxicol Pathol** 1984;12(1):26-38

PHYSIOLOGY

Neurogenic and myogenic responses in isolated smooth muscle of the bovine teat. Isaksson A, et al. **Acta Vet Scand** 1984;25(3):385-402

Accelerated bovine mammary involution induced by infusion of concanavalin A or phytohemagglutinin. Breau WC, et al. **Am J Vet Res** 1985 Apr;46(4):816-20

Role of macrophages and multinucleate giant cells in the resorption of corpora amylacea in the involuting bovine mammary gland. Nickerson SC, et al. **Cell Tissue Res** 1985; 240(2):397-401

Caprine mammary differentiation and initiation of lactation following prepartum colchicine infusion. Sordillo LM, et al. **Int J Biochem** 1984;16(12):1265-72

Evidence against chronic teat stimulation as an autonomous effector of diminished gonadotropin release in beef cows. Williams GL, et al. **J Anim Sci** 1984 Oct;59(4):1060-9

Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted Escherichia coli endotoxin. Schultze WD, et al. **J Dairy Res** 1985 Aug;52(3):361-8

Effects of duration of udder stimulation on milking dynamics and oxytocin release. Gorewit RC, et al. **J Dairy Sci** 1985 Jul;68(7):1813-8

Hormonal action controlling mammary activity. Houdebine LM, et al. **J Dairy Sci** 1985 Feb;68(2):489-500 (59 ref.)

Release of oxytocin during suckling and parturition in the rat. Higuchi T, et al. **J Endocrinol** 1985 Jun;105(3):339-46

Secretion of oxytocin and milk removal as affected by milking cows with and without manual stimulation. Mayer H, et al. **J Endocrinol** 1984 Dec;103(3):355-61

Reappraisal of the influence of mammary distension on the frequency of milk ejection in the rat. Riggs CM, et al. **J Endocrinol** 1985 Apr;105(1):127-32

Effects of mastectomy and vagotomy on grooming behavior of the rat: possible involvement of prolactin. Gerendai I, et al. **Physiol Behav** 1984 Jul;33(1):1-4

Interaction of mouse mammary epithelial cells with collagen substrata: regulation of casein gene expression and secretion. Lee EY, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1419-23

Milk accumulation and secretion in the rabbit. Calvert DT, et al. **Q J Exp Physiol** 1985 Jul;70(3):357-63

[Hormonal regulation of the normal mammary gland] Houdebine LM. **Bull Cancer (Paris)** 1985;72(2):121-41 (156 ref.) (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Survival of mammary epithelial cells from virgin female BALB/c mice following in vivo gamma irradiation. Adams LM, et al. **Radiat Res** 1984 Nov;100(2):264-72

RADIONUCLIDE IMAGING

Imaging of canine cancers with 18F-2-fluoro-2-deoxy-D-glucose (FDG) suggests further applications for cancer imaging in man. Paul R, et al. **Nucl Med Commun** 1984 Oct;5(10):641-6

SECRETION

Rat mammary gland in culture secretes a stable high molecular weight form of cathepsin L. Recklies AD, et al. **Biochem Biophys Res Commun** 1985 Aug 30; 131(1):402-7

Rapid strip test method to assist management of foaling mares. Cash RS, et al. **Equine Vet J** 1985 Jan;17(1):61-2

Synthesis of novel calcium-dependent proteins associated with mammary epithelial cell migration and differentiation. Braslau DL, et al. **Exp Cell Res** 1984 Nov;155(1):213-21

Plasminogen activator activity in secretions from clinically normal, mastitic, lactating and dried-off udders of dairy cows. Kowalski ZE, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):209-12

[Effect of prolactin on the secretion of milk casein: metabolism of arachidonic acid] Ollivier-Bousquet M. **Biol Cell** 1984;51(3):327-34 (Eng. Abstr.) **(Fre)**

SURGERY

Ectopic pituitary grafts in mice: hormone levels, effects on fertility, and the development of adenomyosis uteri, prolactinomas, and mammary carcinomas. Huseby RA, et al. **Endocrinology** 1985 Apr;116(4):1440-8

Evaluation of effects of levamisole and surgery on canine mammary cancer. MacEwen EG, et al. **J Biol Response Mod** 1985 Aug;4(4):418-26

Placement of drain tubes in obstructed teats. A photo essay. Ames NK, et al. **Mod Vet Pract** 1984 Oct;65(10):775-7

[Udder biopsy technic in goats and swine] Geyer H, et al. **Zentralbl Veterinarmed [A]** 1985 May;32(5):331-6 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Alpha-lactalbumin as a lysosomal enzyme-releasing factor. Komine S, et al. **Cell Biochem Funct** 1985 Jan;3(1):33-9

Microlipid droplets in milk secreting mammary epithelial cells: evidence that they originate from endoplasmic reticulum and are precursors of milk lipid globules. Deeney JT, et al. **Eur J Cell Biol** 1985 Jul;38(1):16-26

Centrioles in the mammary epithelium of the rat. Dylewski DP, et al. **J Cell Sci** 1984 Dec;72:185-93

Prevalence and ultrastructural characteristics of bovine mammary corpora amylacea during the lactation cycle. Nickerson SC, et al. **J Dairy Sci** 1985 Mar;68(3):709-17

Techniques for preparation of bovine mammary smooth membranes. Pocius PA, et al. **J Dairy Sci** 1984 Sep; 67(9):2055-61

Similarities and differences in the ultrastructure of two hormone-dependent and one independent human breast carcinoma grown in athymic nude mice: comparison with the rat DMBA-induced tumor and normal secretory mammocytes. Anderson WA, et al. **J Submicrosc Cytol** 1984 Oct;16(4):673-90

The ultrastructure of mammary explants from virgin ovariectomized goats during hormone-induced lactogenesis. Dronik GV, et al. **Physiol Bohemoslov** 1984; 33(6):495-500

Ultrastructural identification of Ia positive dendritic cells in the lactating rat mammary gland. Joshi K, et al. **Virchows Arch [A]** 1985;406(1):17-25

Mammary involution and fasting effect on the fine structure of the mammary gland of the pregnant Myotis myotis. Jimenez L, et al. **Z Mikrosk Anat Forsch** 1984; 98(6):893-908

Alveolar epithelial cells of the mammary gland of lactating Myotis myotis: an ultrastructural study. Jimenez L, et al. **Z Mikrosk Anat Forsch** 1984;98(3):465-77

[Structure of the epithelium in the large milk ducts and milk sinuses of the bovine udder] Michel G, et al. **Gegenbaurs Morphol Jahrb** 1985;131(2):241-51 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of mammary gland involution in goats] Augsburger H. **Zentralbl Veterinarmed [A]** 1985 May;32(5):337-55 (Eng. Abstr.) **(Ger)**

MAMMALS

Evaluation of jackrabbits as nonruminant hosts for Anaplasma marginale. Zaugg JL, et al. **Am J Vet Res** 1985 Mar;46(3):669-70

Home odor preferences in young hares (Lepus capensis syriacus): effects of age and role of maternal presence. Stavy M, et al. **Dev Psychobiol** 1985 Mar;18(2):125-39

Pathologic findings in manatees in Florida. Buergelt CD, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1331-4

Use of the term 'trophoblast' for tissues in therian mammals. Lillegraven JA. **J Morphol** 1985 Mar;183(3):293-9

On mammalian sperm dimensions. Cummins JM, et al. **J Reprod Fertil** 1985 Sep;75(1):153-75

Experimental studies of St. Louis encephalitis virus in vertebrates. McLean RG, et al. **J Wildl Dis** 1985 Apr; 21(2):85-93

Experimental and spontaneous clostridial enteropathies of laboratory and free living lagomorphs. Carman RJ, et al. **Lab Anim Sci** 1984 Oct;34(5):443-52 (70 ref.)

Two cases of adiaspiromycosis in the Japanese pika (Ochotona hyperborea yesoensis Kishida). Taniyama H, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):139-42

[Effectiveness of the surface fixation test in the diagnosis of brucellosis in hares] Handl R. **Vet Med (Praha)** 1985 Aug; 30(8):501-5 (Eng. Abstr.) **(Cze)**

[The incidence and seasonal dynamics of yersinioses (Y. pseudotuberculosis, Y. enterocolitica), staphylococcoses and pasteurelloses in hares from 1976 to 1982] Stĕrba F. **Vet Med (Praha)** 1985 Jun;30(6):359-72 (Eng. Abstr.) **(Cze)**

[Killing of fur animals in farms] Körner E. **Tierarztl Prax** 1984;12(4):527-30 **(Ger)**

ANATOMY & HISTOLOGY

The mammalian rete ovarii: a literature review. Wenzel JG, et al. **Cornell Vet** 1985 Jul;75(3):411-25

Multiple middle cerebral arteries in various species of mammals. Wiland C, et al. **Folia Morphol** 1984;43(3):265-70

Calcitonin gene-related peptide (CGRP)-immunoreactive sensory and motor nerves of the mammalian palate. Rodrigo J, et al. **Histochemistry** 1985;82(1):67-74

The relationship of the spiral turns of the cochlea and the length of the basilar membrane to the range of audible frequencies in ground dwelling mammals. West CD. **J Acoust Soc Am** 1985 Mar;77(3):1091-101

A correlative ultrastructural and histochemical study on the submandibular gland of the hare, Lepus europaeus. Menghi G, et al. **J Anat** 1984 Oct;139 (Pt 3):565-77

The mammalian adrenal circulation and the relationship between adrenal blood flow and steroidogenesis. Vinson GP, et al. **J Endocrinol** 1985 May;105(2):285-94 (89 ref.)

Neuronal correlates of corticalization in mammals: a theory. Hofman MA. **J Theor Biol** 1985 Jan 7;112(1):77-95

Morphological characteristics of the intestinal mucosa in the Afghan pika (Ochotona rufescens rufescens). Kurohmaru M, et al. **Jikken Dobutsu** 1984 Oct;33(4):509-18

[Comparative enzyme histochemical studies of the ovary] Korfsmeier KH, et al. **Acta Histochem [Suppl] (Jena)** 1985; 31:167-9 **(Ger)**

[Histochemistry and cytochemistry of the mammalian epididymis] Sinowatz VF, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:151-8 (18 ref.) **(Ger)**

[Comparative anatomical studies of the vomeronasal complex and the rostral palate of various mammals I] Wöhrmann-Repenning A. **Gegenbaurs Morphol Jahrb** 1984;130(4):501-30 (Eng. Abstr.) **(Ger)**

[Comparative anatomic studies of the vomeronasal complex and the rostral palate of various mammals] Wöhrmann-Repenning A. **Gegenbaurs Morphol Jahrb** 1984;130(5):609-37 (Eng. Abstr.) **(Ger)**

BLOOD

Immunological analysis of alpha 1-microglobulin in different mammalian and chicken serum. alpha 1-Microglobulin is 5-8 kilodaltons larger in primates. Akerström B. **J Biol Chem** 1985 Apr 25;260(8):4839-44

Sirenian molecular systematics--including the extinct Steller's sea cow (Hydrodamalis gigas). Rainey WE, et al. **Naturwissenschaften** 1984 Nov;71(11):586-8

Species specificity in the acceleration of tissue-type plasminogen activator-mediated activation of plasminogens, by fibrinogen cyanogen bromide fragments. Nieuwenhuizen W, et al. **Thromb Res** 1985 Jun 15; 38(6):663-70

[Glucose 1,6-diphosphate in the erythrocytes of various species of mammal] Accorsi A, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1663-5 (Eng. Abstr.) **(Ita)**

EMBRYOLOGY

Comparative development of thoracic intervertebral discs and intra-articular ligaments in the human, monkey, mouse, and cat. Lohse CL, et al. **Acta Anat (Basel)** 1985; 122(4):220-8

Mesonephric excretory function related to its influence on differentiation of fetal gonads. Grinsted J, et al. **Anat Rec** 1984 Dec;210(4):551-6

GENETICS

Sister chromatid exchanges in mammalian meiotic chromosomes. Allen JW, et al. **Basic Life Sci** 1984;29 Pt B:629-45

Animal mitochondrial DNA: an extreme example of genetic economy. Attardi G. **Int Rev Cytol** 1985;93:93-145 (190 ref.)

The phosphoglycerate kinase isozyme system in mammals: biochemical, genetic, developmental, and evolutionary aspects. VandeBerg JL. **Isozymes Curr Top Biol Med Res** 1985;12:133-87 (153 ref.)

The symmetries of the genetic code of mammalian mitochondria. Portelli C, et al. **Physiologie** 1985 Apr-Jun; 22(2):117-20

The mosaic genome of warm-blooded vertebrates. Bernardi G, et al. **Science** 1985 May 24;228(4702):953-8

[Interspecies chimeras of mammals] Koniukhov BV. **Ontogenez** 1985 May-Jun;16(3):242-6 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Brain evolution relating to family, play, and the separation call. MacLean PD. **Arch Gen Psychiatry** 1985 Apr; 42(4):405-17

Metabolic rate and body temperature of adult and juvenile hyrax (Procavia capensis). McNairn IS, et al. **Comp Biochem Physiol [A]** 1984;79(4):539-45

Developmental changes in the cecal mucosa of the Afghan pika (Ochotona rufescens rufescens): a comparison with the rabbit. Kurohmaru M, et al. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):355-69

[Structural and functional maturation of the auditory system in the early postnatal development of mammals and birds] Kliavina MP, et al. **Zh Evol Biokhim Fiziol** 1984 Sep-Oct; 20(5):529-35 (23 ref.) **(Rus)**

IMMUNOLOGY

Rickettsiae in the Sumava region. Řeháček J, et al. **Folia Parasitol (Praha)** 1985;32(2):173-83

Serologic surveillance for vesicular stomatitis virus on Ossabaw Island, Georgia. Fletcher WO, et al. **J Wildl Dis** 1985 Apr;21(2):100-4

Rickettsia-like organisms in ticks and antibodies to spotted fever-group rickettsiae in mammals from northern Mississippi. Norment BR, et al. **J Wildl Dis** 1985 Apr; 21(2):125-31

METABOLISM

Mammals: an allometric study of metabolism at tissue and mitochondrial level. Else PL, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R415-21

Ammonia transport in the mammalian kidney. Good DW, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F459-71 (84 ref.)

What transport adaptations enable mammals to absorb sugars and amino acids faster than reptiles? Karasov WH, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):G271-83

The head activator: discovery, characterisation, immunoassays and biological properties in mammals. Bodenmüller H, et al. **Biochim Biophys Acta** 1985 Jul 24; 825(3):261-7 (19 ref.)

Basal metabolic rates in mammals: taxonomic differences in the allometry of BMR and body mass. Hayssen V, et al. **Comp Biochem Physiol [A]** 1985;81(4):741-54

Influence of species, sex and drug pretreatment on the metabolism of metyrapone. Dixon PA, et al. **Comp Biochem Physiol [C]** 1985;81(1):241-3

Unique increase of superoxide dismutase level in brains of long living mammals. Ono T, et al. **Exp Gerontol** 1984; 19(6):349-54

Species variation in the tyrosine sulfation of mammalian gastrins. Andersen BN. **Gen Comp Endocrinol** 1985 Apr; 58(1):44-50

The mammalian hypophysial pars tuberalis: a comparative immunocytochemical study. Gross DS. **Gen Comp Endocrinol** 1984 Nov;56(2):283-98

Effects of chicken (Gln8)- and mammalian (Arg8)-luteinizing hormone-releasing hormones on the release of gonadotrophins in vitro and in vivo from the adenohypophysis of Japanese quail. Hattori A, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):155-61

On the role of sulfolipids in mammalian metabolism. Farooqui AA, et al. **Mol Cell Biochem** 1985 Feb;66(1):87-95 (87 ref.)

The current evidence for an adaptive response to alkylating agents in mammalian cells, with special reference to experiments with in vitro cell cultures. Frosina G, et al. **Mutat Res** 1985 Sep;154(2):85-100 (103 ref.)

Pharmacokinetic aspects of penicillins, aminoglycosides and chloramphenicol in birds compared to mammals. A review. Dorrestein GM, et al. **Vet Q** 1984 Sep;6(4):216-24 (43 ref.)

Saturation of an alpha, beta-unsaturated ketone: a novel xenobiotic biotransformation in mammals. Lindstrom TD, et al. **Xenobiotica** 1984 Jul;14(7):503-8

[The coexistence of neuropeptides and catecholamines in the adrenal gland. Research on paracrine effects on adrenal cortex cells] Leboulenger F, et al. **Ann Endocrinol (Paris)** 1984;45(3):217-27 (85 ref.) (Eng. Abstr.) **(Fre)**

[Distribution and activity of nicotinamide-adenine dinucleotide nucleosidase in mammalian semen] Géorgiev GH, et al. **Zentralbl Veterinarmed [A]** 1985 Jan;32(1):11-4 (Eng. Abstr.) **(Fre)**

[Cholinesterases of the sweat glands in mammals: nerves, cells and secretion] Sokolov VE, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):175-84 (37 ref.) (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Hepatitis B virus cross-reactivity in the sera of free-living small mammals in South Bohemia [letter] Křivanec K, et al. **Acta Virol (Praha)** 1984 Sep;28(5):446

Brucella abortus in wildlife on selected cattle farms in Alabama. Schnurrenberger PR, et al. **J Wildl Dis** 1985 Apr; 21(2):132-6

Modoc-like virus isolated from wild deer mice (Peromyscus maniculatus) in Alberta. Zarnke RL, et al. **J Wildl Dis** 1985 Apr;21(2):94-9

An endemic case of tularemia in the mountain hare (Lepus timidus) on the island of Stora Karlsö. Mörner T, et al. **Nord Vet Med** 1984 Sep-Oct;36(9-10):310-3

[Resistance to colonization of the gastrointestinal tract] Koopman JP. **Tijdschr Diergeneeskd** 1984 Dec 15; 109(24):1017-26 (Eng. Abstr.) **(Dut)**

PARASITOLOGY

The susceptibility of mammals to Fasciolopsis buski. Malviya HC. **J Helminthol** 1985 Mar;59(1):19-22

Leishmania isolated from wild mammals caught in endemic areas of leishmaniasis in Ecuador. Hashiguchi Y, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):120-1

Transmission experiments on the host specificity of Heterophyes species in 16 potential definitive hosts. Taraschewski H. **Z Parasitenkd** 1985;71(4):505-18

[Taxonomic and phylogenetic relation between the genera of Siphonaptera rhopalopsyllini obtained by the study of host-parasite relations] Linardi PM. **Rev Bras Biol** 1984 Aug;44(3):329-34 (Eng. Abstr.) **(Por)**

[Dependence of larval and nymphal feeding of the taiga tick Ixodes persulcatus P. Sch. on the number of small mammals in the forests of the western Sayan] Labzin VV, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):58-63 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The possible influence of laryngeal and tracheal size on the running speed of mammals. Harrison DF, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):229-35

Are two muscles needed for the normal functioning of the mammalian middle ear? Howell P. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):204-7

Modes of thermal protection in newborn muskoxen (Ovibos moschatus). Blix AS, et al. **Acta Physiol Scand** 1984 Dec; 122(4):443-53

A neural theory of circadian rhythms: Aschoff's rule in diurnal and nocturnal mammals. Carpenter GA, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1067-82

Angiotensin converting enzyme in the testis and epididymis of mammals. Jaiswal A, et al. **Andrologia** 1984 Sep-Oct; 16(5):410-6

Annual rhythms. Farner DS. **Annu Rev Physiol** 1985;47:65-82 (137 ref.)

Circadian neural rhythms in mammals. Turek FW. **Annu Rev Physiol** 1985;47:49-64 (79 ref.)

Mammalian reproduction: an ecological perspective. Bronson FH. **Biol Reprod** 1985 Feb;32(1):1-26 (186 ref.)

Aspects of male endocrinology. Cox J. **In Pract** 1984 Sep; 6(5):137-42

Endocrine regulation of reproductive development and function in the male. Desjardins C. **J Anim Sci** 1978;47 Suppl 2:56-79 (216 ref.)

Energy of the oscillating legs of a fast-moving cheetah, pronghorn, jackrabbit, and elephant. Hildebrand M, et al. **J Morphol** 1985 Apr;184(1):23-31

Arguments against and alternatives for an extracellular surfactant layer in the alveoli of mammalian lung. Colacicco G. **J Theor Biol** 1985 Jun 21;114(4):641-56

Role of female gonadal hormones in the CNS: clinical and experimental aspects. Maggi A, et al. **Life Sci** 1985 Sep 9;37(10):893-906 (143 ref.)

Patterns of mortality and age at first reproduction in natural populations of mammals. Harvey PH, et al. **Nature** 1985 May 23-29;315(6017):319-20

Mechanisms controlling mammalian fertilization. Fraser LR. **Oxf Rev Reprod Biol** 1984;6:174-225 (290 ref.)

Pheromones and mammalian reproduction. Marchlewska-Koj A. **Oxf Rev Reprod Biol** 1984;6:266-302 (200 ref.)

Experimental approaches to atresia in mammals. Tsafriri A, et al. **Oxf Rev Reprod Biol** 1984;6:226-65 (270 ref.)

The pain system. The neural basis of nociceptive transmission in the mammalian nervous system. Willis WD Jr. **Pain Headache** 1985;8:1-346 (999 ref.)

Pharmacological aspects of mammalian hibernation. Lyman CP. **Pharmacol Ther** 1984;25(3):371-93

Peroxide-producing potential of tissues: inverse correlation with longevity of mammalian species. Cutler RG. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4798-802

[Reception and processing of peripheral temperature signals in warm-blooded animals] Pierau FK, et al. **Arch Exp Veterinarmed** 1984 May;38(3):327-35 (46 ref.) (Eng. Abstr.) **(Ger)**

[An optoelectronic apparatus for the registration of stepping activity in small mammals] Cacinella F, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1983-7 (Eng. Abstr.) **(Ita)**

MAMMARY ARTERIES see under **THORACIC ARTERIES**

MAMMARY CANCER VIRUS

Natural infection of Swiss mice with mouse mammary tumor virus (MMTV): viral expression in milk and transmission of infection. Hainaut P, et al. **Arch Virol** 1985; 83(3-4):195-206

GENETICS

Dysdifferentiative nature of aging: age-dependent expression of mouse mammary tumor virus and casein genes in brain and liver tissues of the C57BL/6J mouse strain. Dean RG, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):43-51

Structure and nucleotide sequence of the putative mammary oncogene int-1; proviral insertions leave the protein-encoding domain intact. van Ooyen A, et al. **Cell** 1984 Nov;39(1):233-40

Proviral unit II of endogenous mouse mammary tumour virus is selectively amplified and expressed in C57B1/10 mammary tumours induced by non-viral carcinogens. Svec J. **J Cancer Res Clin Oncol** 1985;110(1):25-34

Mouse mammary tumour virus: a proviral gene contributes to the understanding of eukaryotic gene expression and mammary tumorigenesis. Ponta H, et al. **J Gen Virol** 1985 May;66 (Pt 5):931-43 (103 ref.)

Integration of type B retroviral DNA in virus-induced primary murine thymic lymphomas. Dekaban GA, et al. **J Virol** 1984 Dec;52(3):784-92

Analysis of tissue-specific methylation patterns of mouse mammary tumor virus DNA by two-dimensional Southern blotting. Fanning TG, et al. **J Virol** 1985 Jun;54(3):726-30

Characterization of an endogenous retrovirus-repetitive DNA chimera in the mouse genome. Fanning TG, et al. **J Virol** 1985 Mar;53(3):998-1000

Mouse mammary tumor virus-related sequences in mouse lymphocytes are inducible by 12-O-tetradecanoyl phorbol-13-acetate. Kwon BS, et al. **J Virol** 1984 Dec; 52(3):1000-4

Generation of glucocorticoid-responsive Moloney murine leukemia virus by insertion of regulatory sequences from murine mammary tumor virus into the long terminal repeat. Overhauser J, et al. **J Virol** 1985 Apr;53(4):133-44

Use of the mouse mammary tumor virus long terminal repeat to promote steroid-inducible expression of v-mos. Papkoff J, et al. **J Virol** 1984 Nov;52(2):420-30

Sequence organization and molecular cloning of mouse mammary tumor virus DNA endogenous to C57BL/6 mice. Peterson DO, et al. **J Virol** 1985 May;54(2):525-31

Organization and expression of mouse mammary tumor virus sequences in normal and neoplastic C3Hf/HeSed mouse tissues. Popko BJ, et al. **J Virol** 1984 Nov;52(2):328-35

Molecular cloning, characterization, and genetic mapping of an endogenous murine mammary tumor virus proviral unit I of C3H/He mice. Prakash O, et al. **J Virol** 1985 May; 54(2):285-94

Rearrangements in the long terminal repeat of extra mouse mammary tumor proviruses in T-cell leukemias of mouse strain GR result in a novel enhancer-like structure. Michalides R, et al. **Mol Cell Biol** 1985 Apr;5(4):823-30

Alterations in chromatin structure associated with glucocorticoid-induced expression of endogenous mouse mammary tumor virus genes. Peterson DO. **Mol Cell Biol** 1985 May;5(5):1104-10

Transgenic mice inherit cancer [news] **Nature** 1984 Sep 20-26;311(5983):205-6

Glucocorticoid and progesterone receptors bind to the same sites in two hormonally regulated promoters. von der Ahe D, et al. **Nature** 1985 Feb 21-27;313(6004):706-9

Hormonal response region in the mouse mammary tumor virus long terminal repeat can be dissociated from the proviral promoter and has enhancer properties. Ponta H, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1020-4

Glucocorticoid regulation of mouse mammary tumor virus sequences in transgenic mice. Ross SR, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5880-4

The mouse mammary tumor virus model in studies of glucocorticoid regulation. Hager GL, et al. **Recent Prog Horm Res** 1984;40:121-42 (36 ref.)

The methylation pattern of endogenous mouse mammary tumor virus proviral genes is tissue specific and stably inherited. Günzburg WH, et al. **Virology** 1984 Oct 30; 138(2):212-24

Genetic relatedness between intracisternal A particles and other major oncovirus genera. Chiu IM, et al. **Virus Res** 1985 Jul;3(1):1-11

Expression and demethylation of germinally-transmitted BALB/c mouse mammary tumor virus DNA in Abelson MuLV B-lymphoid cell lines. Pauley RJ, et al. **Virus Res** 1984;1(5):381-400

Mammary tumorigenesis in C3Hf/Ki mice: examination of germinal mouse mammary tumor viruses and the int-1 and int-2 putative proto-oncogenes. Popko BJ, et al. **Virus Res** 1985 Apr;2(3):231-43

IMMUNOLOGY

Humoral and cellular immune responses to mouse mammary tumor virus (MMTV) in experimental animal models (review). Lopez DM. **Anticancer Res** 1984 Jul-Oct; 4(4-5):305-12 (88 ref.)

Type and group specific antigenic reactivity associated with the major membrane protein of murine mammary tumor virus. Chiplunkar SV, et al. **Indian J Exp Biol** 1984 Dec; 22(12):657-61

B cell subsets in spleens of BALB/c mice: identification and isolation of MMTV-expressing and MMTV-responding subpopulations. Lopez DM, et al. **J Immunol** 1985 Jan; 134(1):603-7

Immunologic studies with mouse mammary tumor viruses: comparative studies with spontaneous mammary tumor cell vaccines from five inbred mouse strains. Girardi AJ, et al. **JNCI** 1985 Jan;74(1):105-12

Comparative studies of purified subviral component vaccines and formalin-treated mammary tumor viruses from four inbred strains of mice. Girardi AJ, et al. **JNCI** 1985 Feb; 74(2):405-13

Determination of type specific antigenic reactivities and quantitation of murine mammary tumor virus by ELISA. Saranath D, et al. **Neoplasma** 1985;32(2):151-9

Characterization of a protein, released by the T47D cell line, immunologically related to the major envelope protein of mouse mammary tumor virus. Segev N, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1531-5

[Expression of antigens immunologically related to the antigens of the mouse mammary tumor virus in the tissue of human breast tumors] Remennik LV, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):734-6 (Eng. Abstr.) **(Rus)**

[Expression of antigens related to structural protein antigens of MMTV in breast cancer cells] Litvinov SV, et al. **Vopr Onkol** 1985;31(7):47-53 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Urethan-induced mammary tumorigenesis in a murine mammary tumor virus (MuMTV)-positive mouse strain: evidence for a keratinized nodule as an MuMTV-negative precursor lesion for squamous cell tumors. Imai S, et al. **JNCI** 1984 Oct;73(4):935-41

PATHOGENICITY

Hyperplastic and neoplastic changes in the mammary glands of feral mice free of endogenous mouse mammary tumor virus provirus. Faulkin LJ, et al. **JNCI** 1984 Oct; 73(4):971-82

[Molecular genetic bases of the oncogenic action of the mouse mammary tumor virus] Litvinov SV, et al. **Eksp Onkol** 1985;7(1):3-10 (66 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

A new cell system for the study of mouse mammary tumour virus. Litvinov SV, et al. **Acta Virol (Praha)** 1985 Jan; 29(1):83-6

MAMMARY DYSPLASIA see **FIBROCYSTIC DISEASE OF BREAST**

MAMMARY GLANDS see **BREAST**

MAMMARY GLANDS, ANIMAL see **MAMMAE**

MAMMARY NEOPLASMS, EXPERIMENTAL

Assignment of acyl chain resonances from membranes of mammalian cells by two-dimensional NMR methods. Cross KJ, et al. **Biochemistry** 1984 Dec 4;23(25):5895-7

ANALYSIS

Insulin receptor in cells of two transplanted tumors of mouse mammary gland. Shisheva AC, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):20-8

Colony-stimulating activity from the new metastatic TS/A cell line and its high- and low-metastatic clonal derivatives. Nicoletti G, et al. **Br J Cancer** 1985 Aug;52(2):215-22

Comparison of nuclear proteins from DMBA-induced mammary tumors and lactating mammary glands by polyacrylamide gel electrophoresis. Dinh BL, et al. **Breast Cancer Res Treat** 1985;5(1):37-46

Heterogeneity of keratin expression in mouse mammary hyperplastic alveolar nodules and adenocarcinomas. Asch HL, et al. **Cancer Res** 1985 Jun;45(6):2760-8

Effects of streptozotocin-induced diabetes and insulin on phospholipid content of R3230AC mammary tumor cells. Narayanan U, et al. **Cancer Res** 1985 Oct;45(10):4833-7

N-Acetylneuraminic acid and N-glycolylneuraminic acid in the O-linked oligosaccharides of a tumor cell glycoprotein. Incorporation and distribution. Sherblom AP, et al. **J Biol Chem** 1985 Feb 10;260(3):1484-92

Biochemical characterization of endogenous carbohydrate-binding proteins from spontaneous murine rhabdomyosarcoma, mammary adenocarcinoma, and ovarian teratoma. Gabius HJ, et al. **JNCI** 1984 Dec;73(6):1349-57

[Changes of hormone receptor status in various treatment for human breast cancer and DMBA tumor of the rat] Iino Y, et al. **Gan No Rinsho** 1984 Oct;30(13):1633-7 (Eng. Abstr.) **(Jpn)**

[Steroid hormone receptors in malignant mammary gland tumors in dogs] Rampan Iul, et al. **Eksp Onkol** 1985;7(2):40-3 (Eng. Abstr.) **(Rus)**

BLOOD

Plasma estradiol and prolactin levels and their response to stress in two strains of rat with different sensitivities to 7,12-dimethylbenz[a]anthracene-induced tumors. Goldman PR, et al. **Cancer Lett** 1985 Jan;25(3):277-82

Plasma therapy of primary rat mammary carcinoma: dependence of consumption of C3 during absorption of plasma with sepharose derivatives on the anticoagulant. Nakanishi K, et al. **Cancer Res** 1985 Sep;45(9):4122-7

[Plasma hormone levels in rats with DMBA-induced mammary tumors] Burenin IS, et al. **Eksp Onkol** 1984;6(1):24-7 **(Rus)**

BLOOD SUPPLY

Hormone-dependent changes of blood vessels in DMBA-induced rat mammary carcinoma and its regression studied by 3H-thymidine autoradiography. Fukuda M, et al. **Basic Appl Histochem** 1985;29(1):21-43

The effect of rate of heating or cooling prior to heating on tumor and normal tissue microcirculatory blood flow. Dewhirst M, et al. **Biorheology** 1984;21(4):539-58

Vascular structure of the C3H mammary carcinoma, the B16 melanoma and the Lewis lung carcinoma in syngeneic, conventional mice and congenitally athymic mice. Solesvik OV, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):499-505

Destructive effect of photoradiation on the microcirculation of a rat mammary tumor growing in 'sandwich' observation chambers. Star WM, et al. **Prog Clin Biol Res** 1984;170:637-45

CHEMICALLY INDUCED

7,12-Dimethylbenzanthracene induced mammary tumours in Wistar rats by 'air pouch' technique--a new approach. Arun B, et al. **Cancer Lett** 1984 Dec;25(2):187-94

Determination of the number of events required for mammary carcinogenesis in the Sprague-Dawley female rat. Isaacs JT. **Cancer Res** 1985 Oct;45(10):4827-32

Estrous cycle modification of rat mammary tumor induction by a single dose of N-methyl-N-nitrosourea. Ratko TA, et al. **Cancer Res** 1985 Jul;45(7):3042-7

Host factors affecting the growth of carcinogen-induced rat mammary carcinomas: a review and tribute to Charles Brenton Huggins. Welsch CW. **Cancer Res** 1985 Aug;45(8):3415-43 (741 ref.)

Effect of arginine on the carcinogenicity of 7,12-dimethylbenz[a]-anthracene and N-methyl-N-nitrosourea. Burns RA, et al. **Carcinogenesis** 1984 Dec;5(12):1539-42

Carcinogenic responses to chemicals applied directly to rat mammary glands in situ. Holtzman S, et al. **Carcinogenesis** 1985 May;6(5):769-72

The role of high levels of dietary fat in 7,12-dimethylbenzanthracene-induced mouse mammary tumorigenesis: lack of an effect on lipid peroxidation. Lane HW, et al. **Carcinogenesis** 1985 Mar;6(3):403-7

Differences in DMBA-induced mammary neoplastic responses in two lines of Sprague-Dawley rats. van Zwieten MJ, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1199-204

Influence of strain and age on the induction of mammary tumours by diethylstilboestrol in C3H mice. Greenman DL, et al. **Food Chem Toxicol** 1984 Nov;22(11):871-4

Influence of age and environment on the induction of mammary tumours by diethylstilboestrol in C3H/HeN-MTV+ mice. Greenman DL, et al. **Food Chem Toxicol** 1985 Jan;23(1):73-8

Effect of dietary stearic acid on the genesis of spontaneous mammary adenocarcinomas in strain A/ST mice. Bennett AS. **Int J Cancer** 1984 Oct 15;34(4):529-33

Neoplastic and nonneoplastic responses to chronic feeding of diethylstilbestrol in C3H mice. Greenman DL, et al. **J Toxicol Environ Health** 1984;14(4):551-67

Effect of pregnancy and nursing on the growth of metastases from N-nitroso-N-methylurea-induced mammary carcinomas. Gullino PM, et al. **JNCI** 1985 Jan;74(1):229-34

Tumor induction in Praomys (Mastomys) natalensis by N,N'-2,7-fluorenylenebisacetamide. Hoch-Ligeti C, et al. **JNCI** 1985 Apr;74(4):909-15

Urethan-induced mammary tumorigenesis in a murine mammary tumor virus (MuMTV)-positive mouse strain: evidence for a keratinized nodule as an MuMTV-negative precursor lesion for squamous cell tumors. Imai S, et al. **JNCI** 1984 Oct;73(4):935-41

Effects of molybdenum and tungsten on mammary carcinogenesis in SD rats. Wei HJ, et al. **JNCI** 1985 Feb;74(2):469-73

A multi-path theory of chemical carcinogenesis in the rat mammary gland. Meeker LD, et al. **Prog Clin Biol Res** 1985;172A:379-88

Neural, pituitary, and mammary tumors in Sprague-Dawley rats treated with X irradiation to the head and N-Ethyl-N-nitrosourea (ENU) during the early postnatal period: a statistical study of tumor incidence and survival. Mandybur TI, et al. **Radiat Res** 1985 Mar;101(3):460-72

Basis of cellular autonomy in the susceptibility to carcinogenesis. Russo J. **Toxicol Pathol** 1983;11(2):149-66 (95 ref.)

[Carcinogenic effect of N-nitrosodimethylamine after application to rat skin] Benemanskii VV, et al. **Eksp Onkol** 1985;7(2):20-1 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of medroxyprogesterone acetate on the growth of mouse transplanted tumors: relation with hormone sensitivity. Formelli F, et al. **Anticancer Res** 1985 May-Jun;5(3):313-9

Effect of prospidine administered at different times of the day on the development and growth of N-nitrosomethylurea-induced mammary tumors in Wistar rats. Pérez-López FR, et al. **Cancer Lett** 1984 Aug;24(1):111-8

Effects of medroxyprogesterone acetate on DMBA-induced mammary tumors. Racca S, et al. **Chemioterapia** 1985 Jun;4(3):236-8

Effects of tamoxifen, estradiol benzoate and medroxyprogesterone acetate on the growth of DMBA-induced rat mammary carcinoma. Zanardi S, et al. **Chemioterapia** 1985 Jun;4(3):239-42

The inhibitory effect of 5-acetoxy-2-(4-acetoxyphenyl)-1-ethyl-3-methylindole (D 16726) on estrogen-dependent mammary tumors. von Angerer E, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):531-7

Combined and sequential treatment using FCE 21336, a new prolactin-lowering drug, and medroxyprogesterone acetate (MPA) in DMBA-induced tumors in rats. Zaccheo T, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1193-7

Effects of diazoxide-induced reversible diabetes on chemically induced autochthonous mammary carcinomas in Sprague-Dawley rats. Berger MR, et al. **Int J Cancer** 1985 Mar 15;35(3):395-401

Combination therapy with misonidazole and mitomycin C: lack of chemosensitization of EMT6 tumor cells in vivo or in vitro. Rockwell S. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1631-4

Ring-substituted 1,1,2,2-tetraalkylated 1,2-bis(hydroxyphenyl)ethanes. 4. Synthesis, estrogen receptor binding affinity, and evaluation of antiestrogenic and mammary tumor inhibiting activity of symmetrically disubstituted 1,1,2,2-tetramethyl-1,2-bis(hydroxyphenyl)ethanes. Hartmann RW, et al. **J Med Chem** 1985 Sep;28(9):1295-301

2-Phenylindoles. Relationship between structure, estrogen receptor affinity, and mammary tumor inhibiting activity in the rat. von Angerer E, et al. **J Med Chem** 1984 Nov;27(11):1439-47

Enhanced tumor response to cycle-specific chemotherapy by pulse total parenteral nutrition. Torosian MH, et al. **J Surg Res** 1985 Aug;39(2):103-13

Effects of nonsteroidal antiestrogens, analog II and tamoxifen, on a metastatic transplantable rat mammary tumor. King MM, et al. **JNCI** 1985 Feb;74(2):447-51

Combination heparin plus cortisone treatment of two transplanted tumors in C3H/He mice. Penhaligon M, et al. **JNCI** 1985 Apr;74(4):869-73

Potentiation of photodynamic therapy by heat: effect of sequence and time interval between treatments in vivo. Waldow SM, et al. **Lasers Surg Med** 1985;5(2):83-94

Cancer chemotherapy: past is prologue. Martin DS. **Mt Sinai J Med (NY)** 1985 Jun;52(6):426-34

Effect of human urinary extract on initiation and growth of spontaneous murine mammary tumours. Bagli-Vania ND. **Oncology** 1985;42(3):198-200

Antineoplastic activity of N-maleamide homocysteine thiolactone amide encapsulated within liposomes. McCully KS, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):57-61

Biodegradable sustained release formulation of the LH-RH analogue 'Zoladex' for the treatment of hormone-responsive tumours. Furr BJ, et al. **Prog Clin Biol Res** 1985;185A:143-53

Dose effect relationships in a mouse mammary tumor. Hetzel FW, et al. **Prog Clin Biol Res** 1984;170:583-90

Effects of hematoporphyrin (HPD) and a chemiluminescence system on the growth of transplanted tumors in C3H/HeJ mice. Phillip MJ, et al. **Prog Clin Biol Res** 1984;170:563-9

Consecutive bestatin-hormone regimen induces redifferentiation of cancer cells in vitro. Okuyama S, et al. **Tohoku J Exp Med** 1984 Aug;143(4):501-2

[Analysis of chemosensitivity against a human breast cancer xenograft (MX-1) with the subrenal capsule assay in BDF1 mice] Inoue K, et al. **Gan To Kagaku Ryoho** 1985 Aug;12(8):1644-50 (Eng. Abstr.) **(Jpn)**

[Experimental chemotherapy of human breast carcinomas transplanted into nude mice] Koh J, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1488-95 (Eng. Abstr.) **(Jpn)**

[Effect of nitrogen derivative of verrucarin E, VER-I, on biology and development of morphological, histochemical and histoenzymatic changes in experimental neoplasms in animals] Jodczyk KJ. **Patol Pol** 1984 Jul-Sep;35(3):349-64 (Eng. Abstr.) **(Pol)**

[Effect of cyclophosphamide on the ganglioside content and profile in metastasizing and nonmetastasizing mammary carcinoma in mice] Novikov AM, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):76-8 (Eng. Abstr.) **(Rus)**

[Changes in the content and composition of gangliosides of tumors as affected by chemotherapeutic agents] Kozlov AM, et al. **Eksp Onkol** 1984;6(5):62-6 (Eng. Abstr.) **(Rus)**

[Antineoplastic and toxic effects of blastolysin in the treatment of spontaneous mammary cancer in dogs] Zontov SV, et al. **Eksp Onkol** 1984;6(2):58-60 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Serine proteases and thiol-proteinases activities during induction of experimental mammary carcinoma in the rat. Benitez-Bribiesca L, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec;15(4):363-87 **(Eng, Spa)**

Enhancement of acyl coenzyme A:retinol acyltransferase in rat liver and mammary tumor tissue by retinyl acetate and its competitive inhibition by N-(4-hydroxyphenyl) retinamide. Ball MD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):7-11

Tyrosine protein kinase activity in the DMBA-induced rat mammary tumor: inhibition by quercetin. Levy J, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1227-33

Photodynamic inactivation of selected intracellular enzymes by hematoporphyrin derivative and their relationship to tumor cell viability in vitro. Hilf R, et al. **Cancer Lett** 1984 Sep;24(2):165-72

Biological significance of interstitial collagenase in DMBA-induced mammary tumors of the rat. Wirl G. **Cancer Metastasis Rev** 1984;3(3):237-48

Effects of photosensitization by hematoporphyrin derivative on mitochondrial adenosine triphosphatase-mediated proton transport and membrane integrity of R3230AC mammary adenocarcinoma. Perlin DS, et al. **Cancer Res** 1985 Feb;45(2):653-8

A cytosol protease from the estrogen-resistant C3H mammary carcinoma increases the affinity of the estrogen receptor for DNA in vitro. Baskevitch PP, et al. **Eur J Biochem** 1985 Feb 1;146(3):671-8

Murine mammary FM3A carcinoma cells transformed with the herpes simplex virus type 1 thymidine kinase gene are highly sensitive to the growth-inhibitory properties of (E)-5-(2-bromovinyl)-2'-deoxyuridine and related compounds. Balzarini J, et al. **FEBS Lett** 1985 Jun 3;185(1):95-100

Membranal tyrosine protein kinase activity (but not cAMP-dependent protein kinase activity) is associated with growth of rat mammary tumors. Sharoni Y, et al. **FEBS Lett** 1985 Sep 9;189(1):133-6

Estrogen-dependent plasminogen activator in 7,12-dimethylbenz[a]anthracene-induced rat mammary tumors in vivo and in vitro. Yamashita J, et al. **Gann** 1984 Aug;75(8):681-9

A purified fraction containing RNA polymerase I that can accurately transcribe rat ribosomal RNA gene. Kurl RN, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6672-5

[Participation of the adenyl cyclase system in estradiol-activated growth of tumors in rat mammary glands] Nagibneva IN, et al. **Biokhimiia** 1985 Feb;50(2):231-6 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Requirement of essential fatty acid for mammary tumorigenesis in the rat. Ip C, et al. **Cancer Res** 1985 May;45(5):1997-2001

Mouse strain (STS/A) resistant to mammary tumor induction by hypophysial isografts. van der Gugten AA, et al. **Cancer Res** 1985 Aug;45(8):3448-53

High mammary carcinogenicity of neutron irradiation in rats and its promotion by prolactin. Kamiya K, et al. **Gann** 1985 Jun;76(6):449-56

Influence of dietary fatty acid concentration and geometric configuration on murine mammary tumorigenesis and experimental metastasis. Erickson KL, et al. **J Nutr** 1984

Oct;114(10):1834–42

Irradiation and prolactin effects on rat mammary carcinogenesis: intrasplenic pituitary and estrone capsule implants. Clifton KH, et al. **JNCI** 1985 Jul;75(1):167–75

Evidence for the involvement of the submandibular gland epidermal growth factor in mouse mammary tumorigenesis. Kurachi H, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5940–3

[Effect of ionizing radiation on the sensitivity to hormonal inducers of differentiation in induced mammary cancer in rats] Khaetskiĭ IK, et al. **Eksp Onkol** 1984;6(6):45–7 (Eng. Abstr.) **(Rus)**

FAMILIAL & GENETIC

Translocations involving chromosome 1 in hormone-independent GR mouse mammary tumors. Sluyser M, et al. **Cancer Lett** 1985 Jun;27(2):207–13

Correlation of frequency of induced mutation and metastatic potential in tumor cell lines from a single mouse mammary tumor. Yamashina K, et al. **Cancer Res** 1985 Sep;45(9):4015–9

Spontaneous mammary adenocarcinomas in transgenic mice that carry and express MTV/myc fusion genes. Stewart TA, et al. **Cell** 1984 Oct;38(3):627–37

Maintenance of milk protein gene expression in a subpopulation of 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinoma cells grown on attached collagen gels. Johnson ML, et al. **In Vitro Cell Dev Biol** 1985 Aug;21(8):439–44

Interaction of the heterozygous nude gene with the asplenia trait in mammary tumorigenesis. Lopez DM, et al. **J Exp Med** 1985 Mar 1;161(3):629–34

New acceptor cell for transfected genomic DNA: oncogene transfer into a mouse mammary epithelial cell line. Hynes NE, et al. **Mol Cell Biol** 1985 Jan;5(1):268–72

Molecular cloning and chromosomal assignment of the human homolog of int-1, a mouse gene implicated in mammary tumorigenesis. van't Veer LJ, et al. **Mol Cell Biol** 1984 Nov;4(11):2532–4

Isolation and characterization of mutator mutants from cultured mouse FM3A cells. Hyodo M, et al. **Mutat Res** 1984 Dec;129(3):389–95

Direct mutagenesis of Ha-ras-1 oncogenes by N-nitroso-N-methylurea during initiation of mammary carcinogenesis in rats. Zarbl H, et al. **Nature** 1985 May 30-Jun 5;315(6018):382–5

IMMUNOLOGY

Tumor growth inhibition by protein A and non-protein A containing Staphylococcus aureus in a mouse mammary carcinoma model. Langvad E, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Oct;92(5):255–9

Humoral and cellular immune responses to mouse mammary tumor virus (MMTV) in experimental animal models (review). Lopez DM. **Anticancer Res** 1984 Jul-Oct;4(4-5):305–12 (88 ref.)

Effects of isolated tumor lymphocytes alone and with adherent cells. Blazar BA, et al. **Cancer Immunol Immunother** 1984;18(3):179–84

Purified mouse mammary tumor and lymphoid cells in immune assays. Blazar BA, et al. **Cancer Immunol Immunother** 1984;18(3):174–8

Activation by a new synthetic acyltripeptide and its analogs entrapped in liposomes of rat alveolar macrophages to the tumor cytotoxic state. Sone S, et al. **Cancer Immunol Immunother** 1984;18(3):169–73

Monoclonal antibodies directed against preneoplastic and neoplastic murine mammary lesions. Johnson CW, et al. **Cancer Res** 1985 Aug;45(8):3774–81

Lysis of spontaneous murine breast tumors by human interleukin 2-stimulated syngeneic T-lymphocytes. Merluzzi VJ, et al. **Cancer Res** 1985 Jan;45(1):203–6

Heterogeneity in the sensitivities of the 13762NF rat mammary adenocarcinoma cell clones to cytolysis mediated by extra- and intratumoral macrophages. North SM, et al. **Cancer Res** 1985 Apr;45(4):1453–8

Identification of target proteins participating in a lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Jan;45(1):288–92

Morphological observations during developing concomitant immunity against a C3H/He mammary tumor. Vaage J, et al. **Cancer Res** 1985 Feb;45(2):659–66

Characteristics of T cells involved in the expression of delayed hypersensitivity and tumor rejection immunity to 13762A rat mammary adenocarcinoma. Kreider JW, et al. **Cell Immunol** 1985 Jun;93(1):26–37

Autochthonous murine tumors: effects of viral or ultraviolet induction, immunogenicity and transplantation on intratumoral macrophages and systemic inflammatory responses. Normann SJ, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):119–25

Autochthonous humoral immune responses to exogenous and endogenous murine mammary tumor viruses in C3H (Jax) and ICRC mice. Chiplunkar SV, et al. **Indian J Exp Biol** 1984 Dec;22(12):662–5

Induction of antitumor immunity employing live tumor cells and maltose tetrapalmitate. Bonaventure J, et al. **J Biol Response Mod** 1985 Jun;4(3):258–63

Direct evidence for the role of LGL in the inhibition of experimental tumor metastases. Barlozzari T, et al. **J Immunol** 1985 Apr;134(4):2783–9

Relationship between lymphocytic cytotoxicity and phytohemagglutinin-induced lymphoblastogenesis before and after surgical tumor excision: an experimental study. Yamamoto S, et al. **J Surg Oncol** 1985 Jan;28(1):42–9

Susceptibility of mammary tumor cells to complement-mediated cytolysis after in vitro or in vivo fatty acid manipulation. Erickson KL, et al. **JNCI** 1985 Aug;75(2):333–40

Mammary carcinoma arising in mice undergoing a chronic graft-versus-host reaction. Gartner JG, et al. **JNCI** 1984 Nov;73(5):1119–24

Immunologic studies with mouse mammary tumor viruses: comparative studies with spontaneous mammary tumor cell vaccines from five inbred mouse strains. Girardi AJ, et al. **JNCI** 1985 Jan;74(1):105–12

Increased immunogenicity of a spontaneous variant clone of the 13762A rat mammary adenocarcinoma. Kreider JW, et al. **JNCI** 1985 Jul;75(1):141–9

Potentiation of antitumor immunity in tumor-bearing mice by a degraded D-manno-D-glucan (DMG), a new antitumor polysaccharide. Nakajima H, et al. **Jpn J Exp Med** 1983 Dec;53(6):281–8

[Tumor-specific cytotoxicity of tumor infiltrating lymphocytes (TIL) induced with TCGF in murine mammary carcinoma] Hori T, et al. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):749–57 (Eng. Abstr.) **(Jpn)**

[Animal lectin-dependent bone marrow cell-mediated cytolysis] Nakajima Y, et al. **Yakugaku Zasshi** 1985 Feb;105(2):194–7 (Eng. Abstr.) **(Jpn)**

[Ambiguous action of splenocytes from tumor-bearing mice on the formation of metastases in the lungs of mice in an adaptive transfer system] Iunker VM, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):598–600 (Eng. Abstr.) **(Rus)**

METABOLISM

Direct measurement of reoxygenation in malignant mammary tumors after a single large dose of irradiation. Vaupel P, et al. **Adv Exp Med Biol** 1984;180:773–82

Tritiated actinomycin-D staining method: a valuable tool to study oestrogen receptor-induced modifications of transcriptional activity in normal and neoplastic cells. Verrijdt A, et al. **Arch Int Physiol Biochim** 1985 Jun;93(2):65–73

Amplified expression of p21 ras protein in hormone-dependent mammary carcinomas of humans and rodents. DeBortoli ME, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):699–706

Chemiluminescence in neutrophils and Lettré cells induced by myxoviruses. Mehta S, et al. **Biochem J** 1985 Apr 1;227(1):99–104

Effect of estradiol-17 beta on glucose and proline uptake in plasma membrane vesicles from the R3230AC rat mammary carcinoma. Feldman JM, et al. **Biochim Biophys Acta** 1985 May 30;845(2):265–71

DNA damage repair in quiescent murine mammary carcinoma cells in culture. Warters RL, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):357–64

Further studies on the histamine metabolism in the M-2 adenocarcinoma. Scolnick AJ, et al. **Biomed Pharmacother** 1984;38(9-10):465–7

The inhibitory effect of caffeine on hormone-induced rat breast cancer. Petrek JA, et al. **Cancer** 1985 Oct 15;56(8):1977–81

Biotransformation and protein binding of N-(4-hydroxyphenyl)retinamide in murine mammary epithelial cells. Bunk MJ, et al. **Cancer Lett** 1985 Apr;26(3):319–26

pH dependence of mitomycin C-induced cross-linking activity in EMT6 tumor cells. Kennedy KA, et al. **Cancer Res** 1985 Aug;45(8):3541–7

Effects of glutathione and ethylxanthate on mitomycin C activation by isolated rat hepatic or EMT6 mouse mammary tumor nuclei. Kennedy KA, et al. **Cancer Res** 1985 Sep;45(9):4071–6

Effects of vitamin A and dexamethasone on collagen degradation in mouse mammary adenocarcinoma. Takahashi S, et al. **Cancer Res** 1985 Jul;45(7):3311–21

Methylation and expression of rat kappa-casein gene in normal and neoplastic rat mammary gland. Thompson MD, et al. **Cancer Res** 1985 Mar;45(3):1291–5

Effects of aromatase inhibitors, aminoglutethimide, and 4-hydroxyandrostenedione on cyclic rats and rats with 7,12-dimethylbenz(a)anthracene-induced mammary tumors. Wing LY, et al. **Cancer Res** 1985 Jun;45(6):2425–8

Effects of estradiol on insulin receptor distribution in primary cultures of R3230AC mammary adenocarcinoma of the rat. Hilf R, et al. **Endocrinology** 1985 Jan;116(1):154–63

Nucleic acids, glycogen deposition and adrenal gland steroidogenesis in rats with a pituitary mammotropic tumor (MtTF4). Klepac R. **Exp Clin Endocrinol** 1984 Jul;84(1):117–25

Effect of DNA-damaging agents on DNA replication and cell-cycle progression of cultured mouse mammary carcinoma cells. Kanno S, et al. **Gann** 1985 Apr;76(4):289–96

Steroid hormone receptors in MCCLX, a transplantable lactogen-dependent mammary tumor of the rat. Lewko WM, et al. **Horm Metab Res** 1985 Apr;17(4):189–93

Comparative radiopharmacokinetics of 18F-5-fluorouracil administered i.v. to rats bearing a mammary tumor. Shani J, et al. **Int J Nucl Med Biol** 1985;12(1):9–12

Activated macrophages secrete a soluble factor that inhibits mitochondrial respiration of tumor cells. Kilbourn RG, et al. **J Immunol** 1984 Nov;133(5):2577–81

Dietary effects of menhaden oil on the growth and membrane lipid composition of rat mammary tumors. Jurkowski JJ, et al. **JNCI** 1985 May;74(5):1145–50

Sequential assays of hormone receptors and the Tritiated Thymidine Labeling Index in 7,12-dimethylbenz(a)anthracene-induced rat mammary cancers. Araki K, et al. **Jpn J Surg** 1985 Mar;15(2):150–9

Incorporation of 5-substituted pyrimidine nucleoside analogues into DNA of a thymidylate synthetase-deficient murine FM3A carcinoma cell line. Balzarini J, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):19–28

Distribution of antiestrogen-specific binding sites in normal and neoplastic mammary gland. Mehta RG, et al. **Oncology** 1984;41(6):387–92

Estradiol 16 alpha-hydroxylation in the mouse correlates with mammary tumor incidence and presence of murine mammary tumor virus: a possible model for the hormonal etiology of breast cancer in humans. Bradlow HL, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6295–9

A comparative study of 28 porphyrins and their abilities to localize in mammary mouse carcinoma: uroporphyrin I superior to hematoporphyrin derivative. El-Far M, et al. **Prog Clin Biol Res** 1984;170:661–72

Porphyrin:protoporphyrin:plasma protein interaction—the metabolic basis for the tumor localization of hematoporphyrin derivative—a preliminary report. El-Far M, et al. **Prog Clin Biol Res** 1984;170:657–60

Metabolism of tritiated C19 steroids by Shionogi mouse mammary tumors. Le Goff JM, et al. **Steroids** 1984 Sep;44(3):207–16

Polarographic measurement of misonidazole in mouse mammary tumors. Ohizumi Y, et al. **Tokai J Exp Clin Med** 1984 Aug;9(3):199–206

[Effect of methylcobalamin on methotrexate transport in normal and tumorous tissues] Miasishcheva NV, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):736–8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

A new cell system for the study of mouse mammary tumour virus. Litvinov SV, et al. **Acta Virol (Praha)** 1985 Jan;29(1):83–6

Proviral unit II of endogenous mouse mammary tumour virus is selectively amplified and expressed in C57Bl/10 mammary tumours induced by non-viral carcinogens. Svec J. **J Cancer Res Clin Oncol** 1985;110(1):25–34

Mouse mammary tumour virus: a proviral gene contributes to the understanding of eukaryotic gene expression and mammary tumorigenesis. Ponta H, et al. **J Gen Virol** 1985 May;66 (Pt 5):931–43 (103 ref.)

Organization and expression of mouse mammary tumor virus sequences in normal and neoplastic C3Hf/HeSed mouse tissues. Popko BJ, et al. **J Virol** 1984 Nov;52(2):328–35

Mammary tumorigenesis in C3Hf/Ki mice: examination of germinal mouse mammary tumor viruses and the int-1 and int-2 putative proto-oncogenes. Popko BJ, et al. **Virus Res** 1985 Apr;2(3):231–43

PATHOLOGY

Protoneoplasia: the molecular biology of murine mammary hyperplasia. Cardiff RD. **Adv Cancer Res** 1984;42:167–90 (73 ref.)

Radiogenic neoplasia in the thyroid and mammary clonogens: progress, problems and possibilities. Clifton KH, et al. **Basic Life Sci** 1985;33:329–44

The fluorinated anesthetic halothane as a potential NMR biologic probe. Burt CT, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):375–81

Fetal calf serum and epidermal growth factor prevent the inhibitory action of a chalone-like growth inhibitor for Ehrlich ascites mammary carcinoma cells in vitro. Lehmann W, et al. **Biomed Biochim Acta** 1984;43(7):971–4

Osteoclasts and the resorption of bone by transplanted mammary carcinoma in rats. O'Grady RL, et al. **Br J Cancer** 1985 Jun;51(6):767–74

Polyamines and estrogen control of growth of the NMU-induced rat mammary tumor. Manni A, et al. **Breast Cancer Res Treat** 1985;5(2):129–36

Selenium inhibition of the neoplastic transformation in preneoplastic mammary cell populations. Medina D, et al. **Cancer Lett** 1984 Sep;24(2):227–34

Growth enhancement of N-nitrosomethylurea-induced rat mammary tumor cells in soft agar by estrogen or prolactin. Arafah BM, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5605–8

Variability of androgen-related phenotypes in the Shionogi mammary carcinoma during growth, involution, recurrence, and progression to hormonal independence. Bruchovsky N, et al. **Cancer Res** 1985 Feb;45(2):682–9

Influence of dietary medium-chain triglycerides on the development of N-methylnitrosourea-induced rat mammary tumors. Cohen LA, et al. **Cancer Res** 1984 Nov;44(11):5023–8

Lack of production of myoepithelial variants by cloned epithelial cell lines derived from the TMT-081 metastasizing rat mammary tumor. Dunnington DJ, et al. **Cancer Res** 1984 Nov;44(11):5338–46

A role of estrogens and insulin binding in the dietary lipid alteration of R3230AC mammary carcinoma growth in rats. Feldman JM, et al. **Cancer Res** 1985 May;45(5):1964–72

Relationships of prostaglandin E and natural killer sensitivity to metastatic potential in murine mammary adenocarcinomas. Fulton AM, et al. **Cancer Res** 1985 Oct;45(10):4779–84

Effects of selenium on 7,12-dimethylbenz(a)anthracene-induced mammary carcinogenesis and DNA adduct formation. Ip C, et al. **Cancer Res** 1985 Jan;45(1):61–5

Use of high-resolution 31P-labeled topical magnetic resonance spectroscopy to monitor in vivo tumor metabolism in rats. Irving MG, et al. **Cancer Res** 1985 Feb;45(2):481–6

Porfiromycin as a bioreductive alkylating agent with selective toxicity to hypoxic EMT6 tumor cells in vivo and in vitro. Keyes SR, et al. **Cancer Res** 1985 Aug;45(8):3642–5

Regrowth and radiation sensitivity of quiescent cells isolated from EMT6/Ro-fed plateau monolayers. Luk CK, et al. **Cancer Res** 1985 Mar;45(3):1020–5

Hepatocyte surface molecule involved in the adhesion of TA3 mammary carcinoma cells to rat hepatocyte cultures. Middelkoop OP, et al. **Cancer Res** 1985 Aug;45(8):3825–35

Factors affecting growth and drug sensitivity of mouse mammary tumor lines in collagen gel cultures. Miller BE, et al. **Cancer Res** 1985 Sep;45(9):4200–5

Coordinate inhibition of plasminogen activator and tumor growth by hydrocortisone in mouse mammary carcinoma. Mira-y-Lopez R, et al. **Cancer Res** 1985 May;45(5):2270–6

Mechanism of estrogen enhancement in the growth of androgen-dependent Shionogi carcinoma 115. Noguchi S, et al. **Cancer Res** 1985 Oct;45(10):4785–90

Growth-stimulative effect of estrogen on androgen-dependent Shionogi carcinoma 115. Noguchi S, et **Cancer Res** 1984 Dec;44(12 Pt 1):5644–9

Induction of epidermoid differentiation by cyclic adenine nucleotide in cultured mammary tumors of mice. Schaefer FV, et al. **Cancer Res** 1985 Apr;45(4):1828–33

Heterogeneity in induced heat resistance and its relation to synthesis of stress proteins in rat tumor cell clones. Tomasovic SP, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5850–6

Comparative investigations on the effect of different dose schedules of the phase-specific drug vincristine (VCR) on the proliferation kinetics of a solid experimental tumour. Féaux de Lacroix W, et al. **Cell Tissue Kinet** 1984 Nov;17(6):583–91

Cell kinetics in normal and neoplastic mammary tissues by flow cytometric analyses. Kute TE, et al. **Cytometry** 1985 Jul;6(4):362–7

Increased metastatic ability and bone formation of a mammary adenocarcinoma in vivo after in vitro passaging. Hoon DB, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1517–26

Studies of three canine mammary cell lines--II. In vivo properties. Norval M, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1501–8

Dose-dependent effect of 17 beta-estradiol determined by growth curves and flow cytometric DNA analysis of a human breast carcinoma (T61) grown in nude mice. Brünner N, et al. **Exp Cell Biol** 1985;53(4):220–32

Differentiation-inducing agents decrease cryptic prolactin receptors in cultured rat mammary tumor cells. Costlow ME. **Exp Cell Res** 1984 Nov;155(1):17–23

Effects of retinoic acid on ascites cells of the TA3 mouse mammary carcinoma. Walker-Nasir E, et al. **Experientia** 1985 Mar 15;41(3):402–4

Carcinogenicity in rats of ptaquiloside isolated from bracken. Hirono I, et al. **Gann** 1984 Oct;75(10):833–6

New perspectives in hormone-dependent (responsive) and autonomous mammary tumor growth: role of autostimulatory growth factors. Danielpour D, et al. **In Vitro** 1984 Dec;20(12):975–80

Studies on clonal heterogeneity in two spontaneously metastasizing mammary carcinomas of recent origin. Brodt P, et al. **Int J Cancer** 1985 Feb 15;35(2):265–73

The relationship between tumour geometry and the response of tumour cells to cytotoxic drugs--an in vitro study using EMT6 multicellular spheroids. Kwok TT, et al. **Int J Cancer** 1985 May 15;35(5):675–82

The in vitro sensitivity of chronically hypoxic EMT6/SF cells to X-radiation and hypoxic cell radiosensitizers. Shrieve DC, et al. **Int J Radiat Biol** 1985 Jul;48(1):127–38

Radiosensitization of EMT6 cells by four platinum complexes. Teicher BA, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):937–41

Influence of thorax irradiation on the survival of mice with spontaneous or artificial lung metastases from a transplantable mammary adenocarcinoma. Wondergem J, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1127–36

Invasiveness in vitro of two mammary adenocarcinoma tumors with different metastasizing ability. Puricelli L, et al. **Invasion Metastasis** 1984;4(4):238–46

Characterization of a sheep pituitary-derived growth factor for rat and human mammary tumor cells. Ikeda T, et al. **J Cell Biochem** 1984;25(4):213–29

Progression to steroid autonomy in S115 mouse mammary tumor cells: role of DNA methylation. Darbre P, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1410–5

The effect of ionophores and related agents on the induction of doming in a rat mammary epithelial cell line. Paterson FC, et al. **J Cell Physiol** 1985 Apr;123(1):89–100

Mixed mammary tumour in a CD female rat. Majeed SK, et al. **J Comp Pathol** 1984 Oct;94(4):629–31

Hyperplastic and neoplastic changes in the mammary glands of feral mice free of endogenous mouse mammary tumor virus provirus. Faulkin LJ, et al. **JNCI** 1984 Oct;73(4):971–82

Effect of dietary fat on growth kinetics of transplantable mammary adenocarcinoma in BALB/c mice. Gabor H, et al. **JNCI** 1985 Jun;74(6):1299–305

Isolation of two syngeneic cell lines from a rat mammary carcinoma: growth factor production by neoplastic epithelial cells. Hiragun A, et al. **JNCI** 1985 Sep;75(3):471–82

Polyamines as mediators of the effect of prolactin and growth hormone on the growth of N-nitroso-N-methylurea-induced rat mammary tumor cultured in vitro in soft agar. Manni A, et al. **JNCI** 1985 Apr;74(4):941–4

Effect of castration and 17 beta-estradiol pulse on cell proliferation in the uterus and the MXT mouse mammary tumor. Paridaens RJ, et al. **JNCI** 1985 Jun;74(6):1239–46

Spontaneous and induced metastasis of naturally occurring tumors in mice: analysis of cell shedding into the blood. Price JE, et al. **JNCI** 1984 Dec;73(6):1319–26

Effects of 17 beta-estradiol and diethylstilbestrol on concurrent development of hepatic, mammary, and pituitary tumors in WF rats: evidence for differential effect on liver. Sumi C, et al. **JNCI** 1984 Nov;73(5):1229–34

Lipid modulation of mammary tumor cell cytolysis: direct influence of dietary fats on the effector component of cell-mediated cytotoxicity. Thomas IK, et al. **JNCI** 1985 Mar;74(3):675–80

Isolation and characterization of clonal cell lines from a transplantable metastasizing rat mammary tumor, TR2CL. Williams JC, et al. **JNCI** 1985 Feb;74(2):415–28

Influence of nicotine on N-nitrosomethylurea-induced mammary tumors in rats. Habs M, et al. **Klin Wochenschr** 1984;62 Suppl 2:105–8

Histological staining by tritiated actinomycin D: a useful tool to study neoplastic cell heterogeneity and estrogen sensitivity of mammary tumors. Kiss R, et al. **Oncology** 1985;42(2):129–32

Effect of fibronectin on macrophage-induced tumor cell cytostasis. Raynor RH, et al. **Oncology** 1984;41(6):420–6

Early local reaction and lymph node permeation of rat carcinoma HH9-cl 14 cells. An immunohistological approach. Grundmann E, et al. **Pathol Res Pract** 1985 Jan;179(3):304–9

Effects of diabetes on the dietary lipid alteration of R3230AC mammary carcinoma growth in rats. Feldman JM, et al. **Proc Soc Exp Biol Med** 1985 May;179(1):105–12

Influence of selenium on the growth of N-nitrosomethylurea-induced mammary tumor cells in culture. Lewko WM, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):33–8

Isolation of mouse mammary tumor cells showing spontaneous regression. Okamoto M, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):191–9

Morphology and progression of preneoplastic changes in methylcholanthrene-induced mouse mammary tumorigenesis. Basolo F, et al. **Tumori** 1985 Feb 28;71(1):1–11

[Correlation between the growth of transplantable tumors under protein deprivation and intratumoral amino acid concentration] Akimoto M, et al. **Gan No Rinsho** 1985 Jan;31(1):73–7 (Eng. Abstr.) **(Jpn)**

[Nuclear magnetic resonance investigations of DMBA-induced rat breast cancers--the relationship between tumor doubling times and water proton spin-lattice relaxation times] Kimijima I, et al. **Gan No Rinsho** 1985 Apr;31(4):394–8 (Eng. Abstr.) **(Jpn)**

[Host defense mechanisms against tumor metastasis] Takeichi N. **Gan To Kagaku Ryoho** 1985 Jun;12(6):1210–21 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of cell-kinetics after fractionated irradiation. I. A study on cultured mammalian cells] Sakai K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25;45(2):393–7 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Transcapillary passage of albumin in mammary tumours and in normal lactating mammary glands of the rat. Haraldsson B, et al. **Acta Physiol Scand** 1984 Dec;122(4):497–505

Interactions between estrogens, prolactin, and growth hormone on the growth of N-nitrosomethylurea-induced rat mammary tumors. Rose DP, et al. **Anticancer Res** 1985 Jul-Aug;5(4):397–402

A mouse tumor-derived osteolytic factor stimulates bone resorption by a mechanism involving local prostaglandins production in bone. Lau KH, et al. **Biochim Biophys Acta** 1985 May 29;840(1):56–68

Stimulation by neonatal treatment with vitamin A of spontaneous mammary tumor development in GRS/A mice. Nagasawa H. **Breast Cancer Res Treat** 1984;4(3):205–8

Effects of noradrenaline on interstitial fluid pressure in induced rat mammary tumours. Tveit E, et al. **Cancer Lett** 1985 Jul;27(3):249–53

Vascular resistance characteristics of 7,12-dimethylbenz(a)anthracene-induced rat mammary tumors and normal tissues as studied in vitro. Weiss L, et al. **Cancer Res** 1985 Jun;45(6):2478–80

Thermal distributions in a water bath heated mouse tumor. O'Hara MD, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):817–22

Increased thermoresistance developed during growth of small multicellular spheroids. Wigle JC, et al. **J Cell Physiol** 1985 Feb;122(2):281–9

Adhesion of tumor cells to hepatocytes: different mechanisms for mammary carcinoma compared with lymphosarcoma cells. Roos E, et al. **JNCI** 1984 Oct;73(4):963–9

[Influence of calcitonin and ACTH 4–10 on the phenomena of mammary tumor induction by a chemical carcinogen, 7,12-dimethylbenzanthracene] Drouhault R, et al. **C R Soc Biol (Paris)** 1984;178(3):278–85 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Preventive effects of antioestrogen on mammary and pituitary tumorigenesis in rats. Sumi C, et al. **Br J Cancer** 1984 Dec;50(6):779–84

Inhibition by medroxyprogesterone acetate of precancerous mammary hyperplastic alveolar nodule formation in mice. Nagasawa H, et al. **Breast Cancer Res Treat** 1985;5(1):31–6

The effects of arotinoids on rat mammary carcinogenesis. Hartmann HR, et al. **Cancer Chemother Pharmacol** 1985;15(2):141–3

Inhibitory action of Piper betle on the initiation of 7,12-dimethylbenz[a]anthracene-induced mammary carcinogenesis in rats. Rao AR, et al. **Cancer Lett** 1985 Mar;26(2):207–14

Modulation of rat mammary carcinogenesis by indomethacin. McCormick DL, et al. **Cancer Res** 1985 Apr;45(4):1803–8

Effect of concentration of D,L-2-difluoromethylornithine on murine mammary carcinogenesis. Thompson HJ, et al. **Cancer Res** 1985 Mar;45(3):1170–3

Effect of D,L-alpha-difluoromethylornithine on murine mammary carcinogenesis. Thompson HJ, et al. **Carcinogenesis** 1984 Dec;5(12):1649–51

Lack of an effect of dietary retinoids in chemical carcinogenesis of the mouse mammary gland: inverse relationship between mammary tumor cell anaplasia and retinoid efficacy. Welsch CW, et al. **Carcinogenesis** 1984 Oct;5(10):1301–4

Selenium inhibition of chemical carcinogenesis. Ip C. **Fed Proc** 1985 Jun;44(9):2573–8

Chemoprevention of N-nitroso-N-methylurea-induced mammary cancers by pretreatment with 17 beta-estradiol and progesterone. Grubbs CJ, et al. **JNCI** 1985 Apr;74(4):927–31

Inhibitory action of aminoglutethimide on DMBA-induced mammary carcinogenesis. Rao AR, et al. **Oncology** 1985;42(2):119–21

Effect of dietary ascorbic acid on the incidence of spontaneous mammary tumors in RIII mice. Pauling L, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5185–9

RADIONUCLIDE IMAGING

Uptake of radiolabeled alpha-fetoprotein by mouse mammary carcinomas and its usefulness in tumor scintigraphy. Uriel J, et al. **Cancer Res** 1984 Nov;44(11):5314–9

Dose-dependent change in tissue uptake of 17 beta-(16 alpha-[125I]iodo)-estradiol in female rats: application to external imaging of mammary carcinoma. Noguchi S, et al. **Eur J Nucl Med** 1984;9(11):490–3

In vivo localization of radioiodinated peanut lectin in a murine TA3/Ha mammary carcinoma model. Shysh A, et al. **Eur J Nucl Med** 1985;10(1-2):68–74

Radioimmunodetection of murine mammary adenocarcinoma (TA3/Ha) lung and liver metastases with radioiodinated PNA. Shysh A, et al. **Int J Cancer** 1985 Jan 15;35(1):113–9

Radioiodinated prolactin as a potential mammary tumor localizing agent. Shani J, et al. **Int J Nucl Med Biol** 1984;11(2):149–52

Syntheses of 18F-labeled pyrimidines and their usefulness for tumor imaging. Ishiwata K, et al. **Nucleic Acids Symp Ser** 1984;(15):25–8

RADIOTHERAPY

Orgotein as a radioprotector in normal tissues. Experiments on mouse skin and a murine adenocarcinoma. Cividalli A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):273–7

Radiosensitization effects of nicotinamide on malignant and normal mouse tissue. Jonsson GG, et al. **Cancer Res** 1985 Aug;45(8):3609–14

Heterogeneity of X-ray cytotoxicity in proliferating and quiescent murine mammary carcinoma cells. Wallen CA, et al. **Cancer Res** 1985 Jul;45(7):3064–9

Radioprotection of EMT6 tumor by a new class of radioprotectors based on a pseudo-peptide cysteamine combination. Lespinasse F, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1035–8

Use of a perfluorochemical emulsion to improve oxygenation in a solid tumor. Rockwell S. **Int J Radiat Oncol Biol Phys** 1985 Jan;11(1):97–103

Nicotinamide as a radiosensitizer of a C3H mouse mammary adenocarcinoma. Jonsson GG, et al. **Radiother Oncol** 1984 Mar;1(4):349–53

[Effects of fast neutrons, X-rays and mixed irradiation regimen on C3H mammary tumors and skin of ICR mice]

Nishidai T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Oct 25; 44(10):1298–303 (Eng. Abstr.) **(Jpn)**

[Flow cytometric analysis of cell-kinetics after fractionated irradiation. II. A study on transplanted solid tumor after single dose irradiation] Sakai K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Feb 25; 45(2):398–402 (Eng. Abstr.) **(Jpn)**

SECONDARY

Differences in NMR spectra between tumor clones of defined metastatic potential. Bines SD, et al. **J Surg Res** 1985 May; 38(5):546–52

SECRETION

Analysis of mammary tumour cell metastasis and release of bound n-acetylneuraminic acid. Hoon DB, et al. **Br J Cancer** 1985 Jun;51(6):775–81

Effects of a murine mammary tumor on in vivo and in vitro hemopoiesis. Johnson GR, et al. **Int J Cell Cloning** 1985 Mar;3(2):91–105

SURGERY

Effect of alpha-difluoromethylornithine in lung metastases before and after surgery of primary adenocarcinoma tumors in mice. Klein S, et al. **Biol Cell** 1985;53(1):33–6

Cryolumpectomy for breast cancer: an experimental study. Rand RW, et al. **Cryobiology** 1985 Aug;22(4):307–18

The influence of cryosurgery and electrocoagulation upon metastatic spread. Zonnevylle JA, et al. **J Surg Oncol** 1984 Oct;27(2):131–4

THERAPY

Interactions of radiation and cancer chemotherapeutic drugs in a C3H mouse mammary carcinoma. von der Maase H, et al. **Acta Radiol [Oncol]** 1985 Mar–Apr;24(2):181–7

The contribution of thermo-moxibustion to surgical treatment in transplanted mouse mammary carcinoma. Sternfeld M, et al. **Acupunct Electrother Res** 1985; 10(1–2):73–8

Antitumor activity with nontoxic doses of protein A. Ray PK, et al. **Cancer Immunol Immunother** 1984;18(1):29–34

Antitumor and antimetastatic activity of the immunoadjuvant peptidoglycan monomer PGM in mice bearing MCa mammary carcinoma. Sava G, et al. **Cancer Immunol Immunother** 1984;18(1):49–53

Effect of a high dosage of ketoconazole all or not combined with ovariectomy on N-nitroso-N-methylurea-induced mammary cancer in the rat. van Cauteren H, et al. **Cancer Lett** 1984 Sep;24(2):193–200

Systemic adoptive transfer of immunity and low-dose irradiation eradicate metastases of 13762A rat mammary adenocarcinoma. Kreider JW, et al. **Int J Cancer** 1985 Aug 15;36(2):217–24

Effects of methylglyoxal bis(guanylhydrazone) on tumour and skin responses to hyperthermia in mice. Miyakoshi J, et al. **Int J Radiat Biol** 1984 Sep;46(3):287–91

Versatility of distributed focus ultrasound in treatment of superficial lesions. Higgins PD, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct;10(10):1923–31

Photodynamic and photohyperthermic response of malignant tumors. Svaasand LO. **Med Phys** 1985 Jul–Aug; 12(4):455–61

Radiosensitizing effect of combined radiotherapy, hyperthermia and misonidazole on C3H mouse FM3A tumor. Yamashita M. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25; 44(9):1181–8

The effect of cooling on the photodynamic action of hematoporphyrin derivative during interstitial phototherapy of solid tumors. 1983 Second-Place Resident Research Award: basic category. Jones GC, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):532–6

Failure of 5-thio-D-glucose to alter cell survival in irradiated or unirradiated EMT6 tumors. Rockwell S, et al. **Radiat Res** 1984 Dec;100(3):527–35

The effect of hypoxic radiosensitizer after mild hyperthermia in C3H mammary carcinoma. Ohizumi Y, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):331–7

[Antitumor activity of an extract neurotropin isolated from the inflamed skin of rabbits inoculated with vaccinia virus] Tomiyama S, et al. **Gan To Kagaku Ryoho** 1984 Oct; 11(10):2144–7 (Eng. Abstr.) **(Jpn)**

[Experimental studies on active specific immunotherapy using the immune reaction of low-dose irradiated tumor tissues. Comparison of the effects of tumor cells and mononuclear cells] Imanaka K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Aug 20;19(7):1438–42 (Eng. Abstr.) **(Jpn)**

[Induction and potentiation of phagocyte-mediated tumor lysis by chemotherapeutic drugs for cancer] Yamazaki M, et al. **Yakugaku Zasshi** 1984 Jul;104(7):769–74 (Eng. Abstr.) **(Jpn)**

TRANSMISSION

Natural infection of Swiss mice with mouse mammary tumor virus (MMTV): viral expression in milk and transmission of infection. Hainaut P, et al. **Arch Virol** 1985; 83(3–4):195–206

Horizontal transmission of the mouse mammary tumor virus in cage mates of the same and opposite sex of low and high mammary cancer strain mice. Morimoto J, et al. **Jikken Dobutsu** 1985 Apr;34(2):141–6

ULTRASTRUCTURE

Correlation of androgen-responsiveness of Shionogi mouse mammary carcinoma cell lines with binding of dihydrotestosterone to nuclear envelopes. Golsteyn EJ, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):679–87

The method used in purification of nuclei from three variant cell lines of the Shionogi mouse mammary carcinoma alters their uptake of dihydrotestosterone. Lefebvre YA, et al. **Can J Biochem Cell Biol** 1984 Feb–Mar;62(2–3):121–8

Studies of three canine mammary carcinoma cell lines--I. In vitro properties. Norval M, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1489–500

Similarities and differences in the ultrastructure of two hormone-dependent and one independent human breast carcinoma grown in athymic nude mice: comparison with the rat DMBA-induced tumor and normal secretory mammocytes. Anderson WA, et al. **J Submicrosc Cytol** 1984 Oct;16(4):673–90

[Comparative electron microscopic study of spontaneous and DMBA-induced tumors of mouse mammary glands] Andrushchak LI, et al. **Eksp Onkol** 1984;6(5):35–9 (Eng. Abstr.) **(Rus)**

MAMMILLARY BODIES

Comparative effects of long-term ethanol consumption and forebrain lesions on maze learning and active avoidance behavior in rats. Beatty WW, et al. **Alcohol** 1984 Nov–Dec; 1(6):465–70

ABNORMALITIES

Partial fusion of the mamillary bodies. Case study and review of congenital anomalies of these structures. Pittella JE, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):567–8

ANATOMY & HISTOLOGY

Transnuclear transport and axon collateral projections of the mamillary nuclei in the rat. Takeuchi Y, et al. **Brain Res Bull** 1985 May;14(5):453–68

Anterior thalamic afferents from the mamillary body and the limbic cortex in the rat. Seki M, et al. **J Comp Neurol** 1984 Oct 20;229(2):242–56

CCK pathway from supramammillary region to the nucleus anterior ventralis thalami of the young rats. Kiyama H, et al. **Peptides (Fayetteville)** 1984 Sep–Oct;5(5):889–93

[Structure of the mammillary bodies of the hypothalamus of the bottlenosed dolphin] Kalinina AV, et al. **Arkh Anat Gistol Embriol** 1985 Mar;88(3):34–9 (Eng. Abstr.) **(Rus)**

METABOLISM

Corticotropin-releasing factor (CRF)-immunoreactive neurons in the mammillary body of the rat. Kovács M, et al. **Cell Tissue Res** 1985;240(2):455–60

PATHOLOGY

Chronic ethanol consumption induces neuronal loss in mammillary bodies of the mouse: a quantitative analysis. Lescaudron L, et al. **Neurosci Lett** 1984 Sep 7;50(1–3):151–5

[Morphofunctional characteristics of the neurons of the mammillary medial nucleus in hypertension] Petrenko AG. **Vrach Delo** 1985 Jun;(6):26–7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Mamillary-body lesions and visual recognition in monkeys. Aggleton JP, et al. **Exp Brain Res** 1985;58(1):190–7

MAMMOGRAPHY

Clinical problems in relation to breast cancer screening with mammography. A preliminary report. Lundström B, et al. **Acta Chir Scand [Suppl]** 1984;519:61–3

Mammographic fine needle biopsy of non-palpable breast lesions. Kehler M, et al. **Acta Radiol [Diagn] (Stockh)** 1984; 25(4):273–6

Preliminary experience with mammography. Reliability of mammography in patients with a palpable tumour of the breast. Watt-Boolsen S, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Jan–Feb;26(1):29–32

Transillumination in breast cancer detection: screening failures and potential. Geslien GE, et al. **AJR** 1985 Mar; 144(3):619–22

Mammographic parenchymal patterns: value as a predictor of hormone dependency and survival in breast cancer. Hinton CP, et al. **AJR** 1985 Jun;144(6):1103–7

Xeromammography after augmentation mammoplasty. Jensen SR, et al. **AJR** 1985 Mar;144(3):629–33

Mammographic parenchymal patterns and risk of breast cancer in postmenopausal women. Horwitz RI, et al. **Am J Med** 1984 Oct;77(4):621–4

Mammography, sonomammography, and diaphanography (lightscanning). A prospective, comparative study with histologic correlation. Greene FL, et al. **Am Surg** 1985 Jan; 51(1):58–60

Specimen xeroradiography after needle localization and biopsy of noncalcified, nonpalpable breast lesions. Pitzen RH, et al. **Am Surg** 1985 Jan;51(1):50–7

Mammography--more harm than good? Langlands AO. **Aust Fam Physician** 1985 Apr;14(4):263, 265–6

Mammography doses in N.S.W. Colgan PJ, et al. **Australas Radiol** 1984 Nov;28(4):372–5

Intraoperative localization of occult breast tumours. Mahoney L. **Can J Surg** 1985 Jul;28(4):329–30

Association of chronic cystic mastopathy, xeromammographic patterns, and cancer. Spratt JS, et al. **Cancer** 1985 Mar 15;55(6):1372–5

Wolfe mammographic parenchymal patterns. A study of the masking hypothesis of Egan and Mosteller. Whitehead J, et al. **Cancer** 1985 Sep 15;56(6):1280–6

Mammography today. **Diagn Imag Clin Med** 1985; 54(3–4):116–228

Population screening for breast cancer by mammography in The Netherlands. Expectations, early results, negative effects and conditions for large-scale screening. Hendriks JH, et al. **Diagn Imag Clin Med** 1985;54(3–4):186–91

Diagnosis of breast cysts with mammography, ultrasound and puncture. A review. Muller JW. **Diagn Imag Clin Med** 1985;54(3–4):170–7

Significant reduction in advanced breast cancer. Results of the first seven years of mammography screening in Kopparberg, Sweden. Tabár L, et al. **Diagn Imag Clin Med** 1985;54(3–4):158–64

Basic principles of mammographic diagnosis. Tabár L, et al. **Diagn Imag Clin Med** 1985;54(3–4):146–57

Screening for breast cancer in Hawaii--further implications. Goodman MJ, et al. **Hawaii Med J** 1984 Oct;43(10):356–61

Xeromammography: a study of 59 cancers and 204 non-cancerous lesions of the breast. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Jun;33(2):167–71

ROC analysis of mammography and palpation for breast screening. Gohagan JK, et al. **Invest Radiol** 1984 Nov–Dec; 19(6):587–92

Fibroadenolipoma (hamartoma) of the breast: a case report. Kersschot E, et al. **J Belge Radiol** 1984;67(2):133–4

Sonography in palpable breast tumours. Comparison with palpation, thermography and X-ray mammography. Laine H, et al. **J Belge Radiol** 1985;68(1):5–8

Breast skin thickness: normal range and causes of thickening shown on film-screen mammography. Pope TL Jr, et al. **J Can Assoc Radiol** 1984 Dec;35(4):365–8

What ultrasonography can tell in breast masses that mammography and physical examination cannot. Rosner D, et al. **J Surg Oncol** 1985 Apr;28(4):308–13

Breast cancer prediction and the Wolfe classification of mammograms. Carlile T, et al. **JAMA** 1985 Aug 23–30; 254(8):1050–3

Usefulness of mammography in the diagnosis and management of breast disease in postmenopausal women. Lamas AM, et al. **JAMA** 1984 Dec 7;252(21):2999–3002

Reduction in mortality from breast cancer after mass screening with mammography. Randomised trial from the Breast Cancer Screening Working Group of the Swedish National Board of Health and Welfare. Tabár L, et al. **Lancet** 1985 Apr 13;1(8433):829–32

Mammographic screening and breast cancer mortality: age-specific effects in Nijmegen Project, 1975–82 [letter] Verbeek AL, et al. **Lancet** 1985 Apr 13;1(8433):865–6

Mammographic breast cancer screening--a randomized trial in Malmö, Sweden. Andersson I, et al. **Maturitas** 1985 May; 7(1):21–9

A statement on breast health and mammography. **Med J Aust** 1985 Jan 7;142(1):59–60

Mammography 1985. Rust RJ. **Minn Med** 1985 Mar; 68(3):203–5

Radiation dose to the breast during mammography: a comprehensive, realistic Monte Carlo calculation. Kulkarni RN, et al. **Phys Med Biol** 1984 Oct;29(10):1257–64

Breast screening. Part 1. Mammography. Tucker AK. **Practitioner** 1985 Mar;229(1401):217–8, 220–1

Breast cancer screening: the underuse of mammography. Fox S, et al. **Radiology** 1985 Sep;156(3):607–11

Re: Ultrasonography in assessment of benign appearing breast masses identified by mammography [letter] Hall FM. **Radiology** 1985 May;155(2):535

Nonpalpable breast lesion localization using a curved-end retractable wire. Homer MJ. **Radiology** 1985 Oct; 157(1):259–60

Nonpalpable breast abnormalities: a realistic view of the accuracy of mammography in detecting malignancies. Homer MJ. **Radiology** 1984 Dec;153(3):831–2

Breast arterial calcification in association with diabetes mellitus: too weak a correlation to have clinical utility. Sickles EA, et al. **Radiology** 1985 Jun;155(3):577–9

Mammography in women less than 40 years of age. Cohen MI, et al. **Surg Gynecol Obstet** 1985 Mar;160(3):220–2

[Locating and treating nonpalpable breast tumors] Rommens P, et al. **Acta Chir Belg** 1985 Jan–Feb;85(1):27–30 (Eng. Abstr.) **(Dut)**

[Decrease in breast cancer mortality due to mass screening with mammography; results of the Nijmegen mass screening project 1975–1981] Verbeek AL, et al. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):451–4 (Eng. Abstr.) **(Dut)**

[Comparative estimation of the limitations of mammography and echography in senologic practice] Murat JL, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):807–19 (Eng. Abstr.) **(Fre)**

[Dose measurements in determining radiation exposure in mammography] Hoffmann R, et al. **ROFO** 1984 Oct;

141(4):442-7 (Eng. Abstr.) **(Ger)**

[Radiologic diagnostic aspects of breast swelling in the male] Kegel W. **Rontgenblatter** 1984 Sep;37(9):307-11 (Eng. Abstr.) **(Ger)**

[Mammographic-histologic comparison in breast cancer with special reference to minimal cancers] Geppert M, et al. **Rontgenpraxis** 1984 Jul;37(7):247-53 **(Ger)**

[Status of mammography today] Otto RC. **Schweiz Rundsch Med Prax** 1985 May 14;74(20):530-5 (Eng. Abstr.) **(Ger)**

[Value of thorough radiologico-cytologic diagnosis before trial excision of the breast] Frohwein V. **Z Lymphol** 1984 Dec;8(2):73-80 (Eng. Abstr.) **(Ger)**

[Mammography and echography in the diagnosis of expansive lesions in the dysplastic breast] Gozzi G, et al. **Radiol Med (Torino)** 1984 May;70(5):313-8 (Eng. Abstr.) **(Ita)**

[Efficacy of sonomammography in breast lesions--a comparison with xeromammography] Nozaki M, et al. **Rinsho Hoshasen** 1985 Jan;30(1):21-4 (Eng. Abstr.) **(Jpn)**

[Roentgenodiagnosis of the suppurative-inflammatory process in acute lactation mastitis] Storozhuk VT, et al. **Vestn Khir** 1985 Mar;134(3):60-2 (Eng. Abstr.) **(Rus)**

[Mammography and puncture biopsy in the diagnosis of breast cancer] Gómez Gómez A, et al. **Med Clin (Barc)** 1985 May 18;84(19):790-5 **(Spa)**

[Sensitivity of mammography in cancer of the breast. Computed statistical study of 2,000 examinations] Valdivia I, et al. **Rev Chil Obstet Ginecol** 1984;49(5):300-6 (Eng. Abstr.) **(Spa)**

[Detection of cancer of the breast] Warren-Burhenne LJ. **Rev Chil Obstet Ginecol** 1980;45(2):63-72 (Eng. Abstr.) **(Spa)**

[Initial results from a randomized study in the counties of Kopparberg and Ostergötland (the WE project). Reduced mortality in breast cancer through health control with mammography] **Nord Med** 1985;100(6-7):175-8 **(Swe)**

ADVERSE EFFECTS

[Radiation protection in mammography] Rausch L. **Z Lymphol** 1985 Jun;9(1):25-9 (Eng. Abstr.) **(Ger)**

ECONOMICS

Risk- and cost-benefit analyses of breast screening programs derived from absorbed dose measurements in The Netherlands. Zuur C, et al. **Diagn Imag Clin Med** 1985; 54(3-4):211-22

INSTRUMENTATION

Signal-to-noise properties of mammographic film-screen systems. Nishikawa RM, et al. **Med Phys** 1985 Jan-Feb; 12(1):32-9

Ultra-high-strip-density radiographic grids: a new antiscatter technique for mammography. Chan HP, et al. **Radiology** 1985 Mar;154(3):807-15

Mammography using an ultrahigh-strip-density, stationary, focused grid. Dershaw DD, et al. **Radiology** 1985 Aug; 156(2):541-4

[Characteristics of x-ray intensifying screens for mammography] Gorelik FG, et al. **Med Tekh** 1985 Jan-Feb;(1):48-51 **(Rus)**

METHODS

Parallax technique in breast lesion localization [letter] Hall FM, et al. **AJR** 1985 Sep;145(3):653

Mammographic needle localization of lesions seen in only one view. Yagan R, et al. **AJR** 1985 May;144(5):911-6

Radio-pathological correlation of occult tumor of the breast. Janus CL, et al. **CRC Crit Rev Diagn Imaging** 1984; 23(1):41-73 (94 ref.)

Current status of the diagnosis of breast cancer. de Paredes ES. **Curr Probl Diagn Radiol** 1985 Mar-Apr;14(2):1-54 (137 ref.)

The role of specimen x-ray in the diagnosis of breast cancer. Holland R. **Diagn Imag Clin Med** 1985;54(3-4):178-85

A tumour gauge to measure breast lumps for use with mammograms. Gordon AB. **Eur J Surg Oncol** 1985 Jun; 11(2):197-8

Dual-energy mammography: initial experimental results. Johns PC, et al. **Med Phys** 1985 May-Jun;12(3):297-304

Theoretical optimization of dual-energy x-ray imaging with application to mammography. Johns PC, et al. **Med Phys** 1985 May-Jun;12(3):289-96

An approach to specifying a minimum dose system for mammography using multiparameter optimization techniques. Muntz EP, et al. **Med Phys** 1985 Jan-Feb; 12(1):5-12

Breast disease in the male: galactographic evaluation. Detraux P, et al. **Radiology** 1985 Mar;154(3):605-6

Objective assessment of mammography systems. Part I: Method. Hessler C, et al. **Radiology** 1985 Jul;156(1):215-9

Liquid-crystal thermographic mammography. A preliminary assessment of a controversial modality. Palmer DS, et al. **S Afr Med J** 1984 Oct 27;66(17):645-7

[Slit-aperture technic in mammography] Friedrich M. **ROFO** 1984 Nov;141(5):574-82 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of breast edema in the roentgen image] Eichner H, et al. **Rontgenblatter** 1984 Dec;37(12):414-8 (Eng. Abstr.) **(Ger)**

[Clinically occult breast findings with special reference to the early detection of breast cancer] Gregl A, et al. **Z Lymphol** 1984 Jun;8(1):3-11 **(Ger)**

[Galactography--indications and technic of examination] Iwaszkiewicz K. **Pol Przegl Radiol (Warszawa)** 1984 Mar-Apr;48(2):87-91 (Eng. Abstr.) **(Pol)**

[Breast cancer screening in Gävleborgs County--method, organization, economy] Lundgren B. **Lakartidningen** 1985 Feb 27;82(9):714-6 **(Swe)**

PSYCHOLOGY

Patients' perceptions of a mammographic examination. Kowalczyk N. **Radiol Technol** 1985 Mar-Apr;56(4):212-6

STANDARDS

Reliability of mammographic reporting. Correlation of mammographic interpretation and diagnostic levels of confidence. Schütte HE. **Diagn Imag Clin Med** 1985; 54(3-4):202-10

The importance of quality in mammography. Williams JC, et al. **Nebr Med J** 1985 Apr;70(4):116-9

Objective assessment of mammography systems. Part II: Implementation. Hessler C, et al. **Radiology** 1985 Jul; 156(1):221-5

[Quality criteria and quality control in mammography] Friedrich M. **Fortschr Geb Rontgenstr Nuklearmed Erganzungsband** 1985; 123:63-75 **(Ger)**

[Specialty standards--x-ray diagnosis--mammography] Barke R, et al. **Radiol Diagn (Berl)** 1985;26(2):293-6 **(Ger)**

[Quality control in mammography] Friedrich M. **Rontgenpraxis** 1984 Jul;37(7):237-46 **(Ger)**

[Symposium: Significance and value of the interpretation of radiodiagnostic examinations] **Radiol Med (Torino)** 1984 Apr;70(4 Suppl 1):105-25 **(Ita)**

UTILIZATION

An intervention to increase mammography screening by residents in family practice. Fox S, et al. **J Fam Pract** 1985 May;20(5):467-71

MAMMOTROPIC HORMONE, PITUITARY see **PROLACTIN**

MAMMOTROPIC HORMONE, PLACENTAL see **PLACENTAL LACTOGEN**

MAMMOTROPIN see **PROLACTIN**

MAN-MACHINE SYSTEMS

Job process charts and man-computer interaction within Naval command systems. Tainsh MA. **Ergonomics** 1985 Mar;28(3):555-65

Revising documents with text editors, handwriting-recognition systems, and speech-recognition systems. Gould JD, et al. **Hum Factors** 1984 Aug; 26(4):391-406

Studies on ergonomically designed alphanumeric keyboards. Nakaseko M, et al. **Hum Factors** 1985 Apr;27(2):175-87

System design for speech recognition and generation. Simpson CA, et al. **Hum Factors** 1985 Apr;27(2):115-41 (88 ref.)

Principles of S-C-R compatibility with spatial and verbal tasks: the role of display-control location and voice-interactive display-control interfacing. Wickens CD, et al. **Hum Factors** 1984 Oct;26(5):533-43

Adaptable myoelectric prosthetic control with functional visual feedback using microprocessor techniques. Philipson L. **Med Biol Eng Comput** 1985 Jan;23(1):8-14

Man's marriage to robotics: a 'for better or worse' union. Polakoff PL. **Occup Health Saf** 1985 Apr;54(4):24-5

[Ergonomic improvement of workplace in the rubber-soled shoe industry] Iacovone MT, et al. **Med Lav** 1984 May-Jun; 75(3):221-35 (Eng. Abstr.) **(Ita)**

[Human-OA interaction] Watanabe Y. **Ann Physiol Anthropol** 1984 Oct;3(4):352-3 **(Jpn)**

[Hygienic significance of force loads and recommendations for optimizing them in the design of manually-operated machines] Suvorov GA, et al. **Gig Tr Prof Zabol** 1984 Nov; (11):4-7 (Eng. Abstr.) **(Rus)**

[The functional comfort zone for a human operator controlling a dynamic object] Miasnikov VI, et al. **Kosm Biol Aviakosm Med** 1985 Mar-Apr;19(2):17-9 (Eng. Abstr.) **(Rus)**

[Injuries caused by harvesting combines] Zaval'niuk AKh. **Sud Med Ekspert** 1984 Oct-Dec;27(4):24-7 (Eng. Abstr.) **(Rus)**

MANAGEMENT AUDIT see under **ORGANIZATION AND ADMINISTRATION**

MANAGEMENT INFORMATION SYSTEMS see under **INFORMATION SYSTEMS**

MANAGEMENT QUALITY CIRCLES see under **PERSONNEL MANAGEMENT**

MANDELIC ACIDS

BLOOD

Antimuscarinic activity of oxybutynin in the human plasma quantitated by a radioreceptor assay. Aaltonen L, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):100-3

METABOLISM

Initial reactions involved in the dissimilation of mandelate by Rhodotorula graminis. Durham DR. **J Bacteriol** 1984 Nov;160(2):778-80

Isolation, characterization and mapping of mandelate pathway mutants of Acinetobacter calcoaceticus. Vakeria D, et al. **J Gen Microbiol** 1984 Nov;130 (Pt 11):2893-903

PHARMACODYNAMICS

The effect of sodium sulphacetamide and sodium mandelate in brilliant green agar on the growth of salmonellas. Jones PW, et al. **J Appl Bacteriol** 1984 Dec;57(3):423-8

[Effects of oxybutynin on the cardiovascular system in dogs] Misawa M, et al. **Nippon Yakurigaku Zasshi** 1984 Oct; 84(4):395-406 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Chronic cerebrovascular disorders: a clinical study with cyclandelate. Bassi S, et al. **Br J Clin Pract** 1984 Oct; 38(10):344-9

[Long-term non-deforming urinary infections in childhood. 2. Proposed treatment and results] Belloli G, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):65-72 (Eng. Abstr.) **(Ita)**

URINE

Identification of urinary 3-ethoxy-4-hydroxybenzoic and 3-ethoxy-4-hydroxymandelic acids after dietary intake of ethyl vanillin. Mamer OA, et al. **Biomed Mass Spectrom** 1985 Apr;12(4):163-9

Urinary mandelic acid as an exposure test for ethylbenzene. Gromiec JP, et al. **Int Arch Occup Environ Health** 1984; 55(1):61-72

Urinary excretion of mandelic and phenylglyoxylic acids after human exposure to styrene vapour. Sedivec V, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):241-55

MANDELONITRILE BETA GENTIOBIOSIDE see **AMYGDALIN**

MANDIBLE

see related
CHIN

Ultrasonic microdissection of the mouse mandible: exposure of the vasculature of alveolar bone and myelinated axons of the pulp. Johnson RB, et al. **Anat Rec** 1985 Jan; 211(1):96-101

The shear strength between bone and porous ceramic root implants in the guinea pig incisor socket. Atkinson PJ, et al. **Biomaterials** 1985 Mar;6(2):75-81

Osteomyelitis of the mandible in a patient with malignant osteopetrosis. Osborn R, et al. **J Oral Med** 1985 Apr-Jun; 40(2):76-80

Root surface measurements of the mandibular first molar. Dunlap RM, et al. **J Periodontol** 1985 Apr;56(4):234-8

Technique for fabrication of the mandibular denture over the staple bone implant using a permanent heat-cured base. Goll GE, et al. **J Prosthet Dent** 1985 Jun;53(6):820-4

Determination of approximate size of maxillary anterior denture teeth when mandibular anterior teeth are present. Part III: Relationship of maxillary to mandibular central incisor widths. McArthur DR. **J Prosthet Dent** 1985 Apr; 53(4):540-2

Mandibular subluxation for high carotid exposure. Fisher DF Jr, et al. **J Vasc Surg** 1984 Nov;1(6):727-33

A foreign body near the ramus of the mandible. de Visscher JG. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):484-5

[Human remains from the Coupe-Gorge cavern at Montmaurin (High Garonne)] Billy G. **Z Morphol Anthropol** 1985;75(2):223-37 (Eng. Abstr.) **(Fre)**

ABNORMALITIES

Similarity of effects--experimental hyperthermia as a teratogen and maternal febrile illness associated with oromandibular and limb defects. Superneau DW, et al. **Am J Med Genet** 1985 Jul;21(3):575-80

Brachygnathia in a herd of Angus cattle. Heidari M, et al. **Am J Vet Res** 1985 Mar;46(3):708-10

Complete mandibular agenesis. Report of a case. Brecht K, et al. **Arch Otolaryngol** 1985 Feb;111(2):132-4

Amniotic band related compression defects. Pou-Martínez A. **Bol Asoc Med PR** 1985 Mar;77(3):104-5

Effects of the muscular dysgenesis gene on developmental stability in the mouse mandible. Atchley WR, et al. **J Craniofac Genet Dev Biol** 1984;4(3):179-89

Congenital duplication of mandibular rami in Klippel-Feil syndrome. Lawrence TM, et al. **J Oral Med** 1985 Jul-Sep; 40(3):120-2

Correction of anterior mandibular vertical excess: the functional genioplasty. Precious DS, et al.

Oral Surg Oral Med Oral Pathol 1985 Mar;59(3):229–35

Congenital syngnathia or fusion of the gums and jaws. Simpson JR, et al. **Otolaryngol Head Neck Surg** 1985 Feb; 93(1):96–9

Cerebro-costo-mandibular syndrome with consanguinity. Clarke EA, et al. **Pediatr Radiol** 1985;15(4):264–6

Oromandibular limb hypogenesis syndromes. Chicarilli ZN, et al. **Plast Reconstr Surg** 1985 Jul;76(1):13–24

[Mandibular laterognathism and its treatment] Lachard J, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):265–6 (Eng. Abstr.) **(Fre)**

[Oculo-mandibulo-facial syndrome] Stolovitch H, et al. **Harefuah** 1984 Dec 2;107(11):330–2 (Eng. Abstr.) **(Heb)**

[Incidence of Stafne's idiopathic mandibular cavity in paleoanthropologic findings] Marcsik A, et al. **Fogorv Sz** 1985 Jul;78(7):207–10 (Eng. Abstr.) **(Hun)**

[Tracheostomy is not essential for surgical correction of maxillofacial deformity] Murakami K, et al. **Masui** 1984 Jul;33(7):781–6 (Eng. Abstr.) **(Jpn)**

[1st and 2nd branchial arch syndrome. Correction of mandibular deformity after the growth period] Lapa F, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):152–7 (Eng. Abstr.) **(Por)**

[Congenital malformations in the otorhinolaryngologic area in newborn infants] Savić D, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):273–86 **(Scc)**

ANALYSIS

Age-related changes in the content of non-reducible crosslinks in rat mandibular bone. Shikata H, et al. **Arch Oral Biol** 1985;30(5):451–3

Identification of collagen type I and type II in chondroid tissue. Goret-Nicaise M. **Calcif Tissue Int** 1984 Dec; 36(6):682–9

Ampicillin concentrations in human serum, gingiva, mandibular bone, dental follicle, and dental pulp following a single oral dose of talampicillin. Akimoto Y, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):270–6

In vivo measurement of bone mineral content of mandibles by dual-photon absorptiometry. von Wowern N. **Scand J Dent Res** 1985 Apr;93(2):162–8

[Age correlations of the content of basic bone tissue components in the human mandible] Semeniuk VM. **Stomatologiia (Mosk)** 1985 Mar–Apr;64(2):7–9 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Long-term changes in hyoid bone position and craniocervical posture in complete denture wearers. Tallgren A, et al. **Acta Odontol Scand** 1984 Oct;42(5):257–67

Mandibular incisor dimensions and crowding. Gilmore CA, et al. **Am J Orthod** 1984 Dec;86(6):493–502

A cephalometric analysis of skeletal and dental changes contributing to Class II correction in activator treatment. Pancherz H. **Am J Orthod** 1984 Feb;85(2):125–34

Increase in mandibular and chin projection with orthognathic surgery. Poulton DR, et al. **Am J Orthod** 1985 May; 87(5):363–76

Re: The quadrilateral analysis [letter] Valinoti JR. **Am J Orthod** 1985 Sep;88(3):264–5

The mylohyoid bridge in four population samples from India, with observations on its suitability as a genetic marker. Kaul SS, et al. **Am J Phys Anthropol** 1984 Oct;65(2):213–8

Cranial morphology of Australopithecus afarensis: a comparative study based on a composite reconstruction of the adult skull. Kimbel WH, et al. **Am J Phys Anthropol** 1984 Aug;64(4):337–88

The use of medial axis transformation to examine evolutionary changes in mandibular shape. Lavelle CL. **Anat Anz** 1985;158(4):305–13

Myocentric. A clinical appraisal. Dinham GA. **Angle Orthod** 1984 Jul;54(3):211–7

Lower molar crowding in the early permanent dentition. Richardson ME. **Angle Orthod** 1985 Jan;55(1):51–7

Bifid mandibular canals in panoramic radiographs. Langlais RP, et al. **J Am Dent Assoc** 1985 Jun;110(6):923–6

A preliminary study of mandibular shape. Lavelle CL. **J Craniofac Genet Dev Biol** 1985;5(2):159–65

A new mandibular landmark? Volchansky A, et al. **J Dent** 1984 Sep;12(3):221–4

Genes that affect the shape of the murine mandible. Congenic strain analysis. Bailey DW. **J Hered** 1985 Mar–Apr; 76(2):107–14

Repeatability of the mandibular retruded position. Hellsing G, et al. **J Oral Rehabil** 1985 Jan;12(1):1–8

Effect of interocclusal records on transverse axis position. Balthazar YM, et al. **J Prosthet Dent** 1984 Dec;52(6):804–9

Mandibular alveolar bone resorption: a vertical assessment. Friedman AM, et al. **J Prosthet Dent** 1985 May;53(5):722–5

Reproducibility of mandibular centricity in three dimensions. Hobo S, et al. **J Prosthet Dent** 1985 May;53(5):649–54

[Relation between mandibular measurement and impacted wisdom teeth in 267 Moslems] Wang PH. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):120–2 **(Chi)**

[A study on the retruded contact position of the mandible] Yin XM. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar; 19(1):5–8 **(Chi)**

[Comparative anatomy of the mandible. Functional aspects] Denoix JM. **Bull Assoc Anat (Nancy)** 1983 Dec; 67(199):395–419 (Eng. Abstr.) **(Fre)**

BLOOD SUPPLY

Vascular architecture of the mandibular processes in hamster and rat. Biggerstaff RH. **Angle Orthod** 1985 Jan;55(1):7–16

Severe hemorrhage from an arteriovenous malformation of the mandible: report of case. Davidson D, et al. **ASDC J Dent Child** 1984 Sep–Oct;51(5):376–8

Vascular malformation: report of a case with eight-year follow up. Spatz S, et al. **J Oral Maxillofac Surg** 1985 Apr; 43(4):281–4

DRUG EFFECTS

[X-ray analysis of bone in the mandibles of workers exposed to phosphorus and its inorganic compounds] Li QG, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):155–7 (Eng. Abstr.) **(Chi)**

EMBRYOLOGY

Epithelial-mesenchymal interface in the rat mandibular process observed by electron microscopy. Tsuzuki H, et al. **Arch Histol Jpn** 1985 Apr;48(2):223–37

Changes in the jaw relationships during human foetal cranio-facial growth. Trenouth MJ. **Br J Orthod** 1985 Jan; 12(1):33–9

A short mandible as a cause of cleft palate in a human embryo--an embryological casuistic. Doskočil M, et al. **Folia Morphol (Praha)** 1984;32(3):251–6

On the origin of the upper mandible in the chick embryo. Al-Tikriti MH. **Folia Morphol (Praha)** 1984;32(3):247–50

Fate of recombinants of the rat mandibular epithelium with cranial ectomesenchymal cells of different sources in vitro. Tsuzuki H, et al. **J Craniofac Genet Dev Biol** 1985; 5(2):209–21

[Intramandibular segment of Meckel's cartilage in the rabbit embryo. Its cytological expression and osteogenetic fate] Bordet G, et al. **J Biol Buccale** 1984 Dec;12(4):297–308 (Eng. Abstr.) **(Fre)**

[Can a relationship between tongue function and mandibular shape in patients with Pierre-Robin syndrome be demonstrated?] Zschiesche S. **Fortschr Kieferorthop** 1985 Jan;46(1):72–8 (Eng. Abstr.) **(Ger)**

GROWTH & DEVELOPMENT

Prediction of mandibular rotation: an empirical test of clinician performance. Baumrind S, et al. **Am J Orthod** 1984 Nov;86(5):371–85

The puzzle of growth rotation. Dibbets JM. **Am J Orthod** 1985 Jun;87(6):473–80

Re: Comments on condylar growth of the mandible and orthodontic treatment [letter] Sadowsky C. **Am J Orthod** 1985 May;87(5):438

Prediction of mandibular growth rotation evaluated from a longitudinal implant sample. Skieller V, et al. **Am J Orthod** 1984 Nov;86(5):359–70

The effects of chin cup therapy on the mandible: a longitudinal study. Wendell PD, et al. **Am J Orthod** 1985 Apr;87(4):265–74

Pubertal spurts in cranial base and mandible. Comparisons within individuals. Lewis AB, et al. **Angle Orthod** 1985 Jan;55(1):17–30

The function of Meckel's and secondary cartilages in the histomorphogenesis of the cat mandibular symphysis. Goret-Nicaise M, et al. **Arch Anat Microsc Morphol Exp** 1984;73(4):291–303

Mandibular condylar structure and growth in Macaca fascicularis are related to skeletal rather than dentitional development. Luder HU. **J Biol Buccale** 1985 Jun; 13(2):133–43

The impact of juvenile rheumatoid arthritis on the growth of the mandible. Teittinen M, et al. **Proc Finn Dent Soc** 1984;80(4):182–5

[Experimental studies on the effect of ovarian hormones on the development of rat mandibles] Duncker M, et al. **Fortschr Kieferorthop** 1984 Dec;45(6):428–34 (Eng. Abstr.) **(Ger)**

[Mandibular growth in cases of early temporomandibular joint injuries] Grosfeld O. **Fortschr Kieferorthop** 1985 Jun; 46(3):217–23 (Eng. Abstr.) **(Ger)**

[Modification of mandibular growth by various appliances] Hauenstein P. **Fortschr Kieferorthop** 1985 Apr;46(2):134–7 (Eng. Abstr.) **(Ger)**

[Experimental animal studies on the effect of the size and position of the tongue on mandibular growth] Benkert P. **Zahn Mund Kieferheilkd** 1984;72(8):818–23 (Eng. Abstr.) **(Ger)**

[Prognosis of dental arch insufficiency in the premolar and canine region by the Moyers index] Gács M, et al. **Fogorv Sz** 1985 Jan;78(1):16–9 (Eng. Abstr.) **(Hun)**

[Role of the periosteum on the mandibular development in the rat] Nakamura T. **Kokubyo Gakkai Zasshi** 1984 Sep; 51(3):613 **(Jpn)**

METABOLISM

Ampicillin concentrations in human serum, gingiva, the mandibular bone, and dental follicle following a single oral administration. Akimoto Y, et al. **Gen Pharmacol** 1985; 16(2):125–8

PATHOLOGY

Mandibular atrophy and metabolic bone loss. Mandibular ridge augmentation by combined sandwich-visor osteotomy and resorption related to metabolic bone state. Bras J, et al. **Int J Oral Surg** 1985 Feb;14(1):16–21

Bilateral coronoid hyperplasia: report of two cases. Kraut RA. **J Oral Maxillofac Surg** 1985 Aug;43(8):612–4

Asymptomatic impacted mandibular third molar in the subcondylar-sigmoid notch region associated with extensive sclerotic bone. Granite EL, et al. **J Oral Med** 1985 Apr–Jun;40(2):91–2, 97

Observations on the histologic features of the human edentulous ridge. Part II: Connective tissue. Krajicek DD, et al. **J Prosthet Dent** 1984 Nov;52(5):682–7

Observations on the histologic features of the human edentulous ridge. Part III: Bone. Krajicek DD, et al. **J Prosthet Dent** 1984 Dec;52(6):836–43

Preliminary study of mandibular shape after tooth loss. Lavelle CL. **J Prosthet Dent** 1985 May;53(5):726–30

Coronoid process hyperplasia causing restricted opening and facial asymmetry. Tucker MR, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):130–2

Involvement of the mandibular canal: early sign of osteogenic sarcoma of the mandible. Yagan R, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):56–60

[Anatomical lesions of the condylar head in a case of temporomandibular joint syndrome] Lachard A, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):25–8 (Eng. Abstr.) **(Fre)**

[Discriminant analysis of the mandible for sex determination] Pötsch-Schneider L, et al. **Z Rechtsmed** 1985;94(1):21–30 (Eng. Abstr.) **(Ger)**

[Morphological characteristics of distraction of the mandible in an experiment] Kalamkarov KhA, et al. **Stomatologiia (Mosk)** 1985 Jan–Feb;64(1):7–9 (Eng. Abstr.) **(Rus)**

[Determination of the sex and shape of the face by examination of the mandible] Korovianskiĭ OP, et al. **Sud Med Ekspert** 1984 Jul–Sep;27(3):34–9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Functions of condylar translation in human mandibular movement. Smith RJ. **Am J Orthod** 1985 Sep;88(3):191–202

Cephalometric analysis of condylar adaptations to altered mandibular position in adult rhesus monkeys, Macaca mulatta. Schneiderman ED, et al. **Arch Oral Biol** 1985; 30(1):49–54

Frequency-dependent modulation of rhythmic human jaw movements. Morimoto T, et al. **J Dent Res** 1984 Nov; 63(11):1310–4

Functionally specific articulatory cooperation following jaw perturbations during speech: evidence for coordinative structures. Kelso JA, et al. **J Exp Psychol [Hum Percept]** 1984 Dec;10(6):812–32

Healing of mandibular ridge augmentations using hydroxylapatite with and without autogenous bone in dogs. Block MS, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):3–7

How wide is normal? [letter] Lysell L. **J Oral Maxillofac Surg** 1984 Dec;42(12):763

Wound healing after anterior and posterior subapical osteotomy. Scheideman GB, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):408–16

The effect of changing the maxillomandibular relationship by a bite plane on the habitual mandibular opening and closing movement. Maruyama T, et al. **J Oral Rehabil** 1984 Sep;11(5):455–65

The anatomy and electrical activity of the platysma muscle. Widmalm SE, et al. **J Oral Rehabil** 1985 Jan;12(1):17–22

The hinge-axis: a review of the literature. Winstanley RB. **J Oral Rehabil** 1985 Mar;12(2):135–59 (100 ref.)

Influence of cervical posture on mandibular movement. Goldstein DF, et al. **J Prosthet Dent** 1984 Sep;52(3):421–6

Investigation of the effect of a variable anterior guidance incline on the graphic registration of mandibular border movement: Part I. Gross MD, et al. **J Prosthet Dent** 1985 May;53(5):731–6

Computer-based analysis of the single chewing cycle during mastication in repeated registrations. Jemt T, et al. **J Prosthet Dent** 1984 Sep;52(3):437–43

Three-dimensional analysis of cusp travel during a nonworking mandibular movement. Schulte JK, et al. **J Prosthet Dent** 1985 Jun;53(6):839–43

Masticatory mandibular movements. Analysis of a recording method and influence of the state of the occlusion. Jemt T. **Swed Dent J [Suppl]** 1984;23:1–52

[Proprioceptive sensitivity and orofacial functions] Auriol M, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):137–46 (Eng. Abstr.) **(Fre)**

[Intraoral recording of jaw movements in relation to aging] Breustedt A, et al. **Zahn Mund Kieferheilkd** 1984; 72(6):549–52 (Eng. Abstr.) **(Ger)**

[Histological investigation on the osseous retention of apatite ceramics implant] Ishida K. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):333–71 (Eng. Abstr.) **(Jpn)**

[Architecture of bones from the aspect of biomechanics] Makai F, et al. **Acta Chir Orthop Traumatol Cech** 1984 Jul; 51(4):339–46 (Eng. Abstr.) **(Slo)**

PHYSIOPATHOLOGY

Mandibular position during children's defective /s/ productions. Wilcox KA, et al. **J Commun Disord** 1985 Aug;18(4):273–83

Spontaneous regeneration of the mandible in a child. A sequel to partial avulsion as a result of a war injury. Shuker S. **J Maxillofac Surg** 1985 Apr;13(2):70-3

Endochondral ossification of the condyle in rats on a strontium or low-calcium diet. Nagayama M, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):693-703

The influence of altered working-side occlusal guidance on masticatory muscles and related jaw movement. Belser UC, et al. **J Prosthet Dent** 1985 Mar;53(3):406-13

Mandibular range of motion versus arthrographic diagnosis of the temporomandibular joint. Roberts CA, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):244-51

Mandibular postural tremor during relaxation and during volitional innervation of the jaw muscles. de Vries JH, et al. **Pflugers Arch** 1984 Sep;402(1):76-82

[Symptoms of mandibular dysfunction in children and young people with malocclusion] Herzog G, et al. **Schweiz Monatsschr Zahnmed** 1985 May;95(5):390-400 (Eng. Abstr.) **(Ger)**

[Congenital disorders of the oculomotor system among our cases. Brown's syndrome and Marcus-Gunn synkinesis] Krzystkowa KM, et al. **Klin Oczna** 1984 Sep;86(9):383-5 (Eng. Abstr.) **(Pol)**

RADIATION EFFECTS

[Effects of the CO2 laser on mandibular bone. Preliminary study] Panossian B, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):653-5 (Eng. Abstr.) **(Fre)**

RADIOGRAPHY

Long-term radiographic evaluation of hydroxylapatite-augmented mandibular alveolar ridges. Block MS, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):793-6

Superior and buccal displacement of the mandibular canal in fibrous dysplasia. Giunta JL, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):460-2

A study of the radiographic aluminum equivalent values of the mandible. Trouerbach WT, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):610-6

[Panoramic tomography of the mandible in familial polyposis coli] Søndergaard JO, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3109-10 (Eng. Abstr.) **(Dan)**

[Total length and axial angle of the mandible--an analysis of lateral x-ray pictures] Fischer-Brandies H, et al. **Fortschr Kieferorthop** 1985 Jun;46(3):241-6 (Eng. Abstr.) **(Ger)**

[Imaging of the form and structure of the mandible by computed tomography] Hirschfelder U, et al. **Fortschr Kieferorthop** 1985 Apr;46(2):138-48 (Eng. Abstr.) **(Ger)**

[X-ray study of differences in the position of the mandible in twins] Lapter V, et al. **Fortschr Kieferorthop** 1985 Jun;46(3):207-16 (Eng. Abstr.) **(Ger)**

[The mandibular angle in the orthopantomogram] Fischer-Brandies H, et al. **Radiologe** 1984 Dec;24(12):547-9 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Dual-photon absorptiometry of mandibles: in vitro test of a new method. von Wovern N. **Scand J Dent Res** 1985 Apr;93(2):169-77

SURGERY

Reconstruction of the jaws with pedicle bone grafts. Kozák J, et al. **Acta Chir Plast (Prague)** 1985;27(1):10-6

Revascularized iliac bone graft for mandibular reconstruction. Fredrickson JM, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):214-23

Dentofacial reconstruction. Arnet GF, et al. **Am J Nurs** 1984 Dec;84(12):1488-90

Total mandibular alveolar osteotomy: an alternate choice to other surgical procedures. Pangrazio-Kulbersh V, et al. **Am J Orthod** 1985 Apr;87(4):319-37

Lateral expansion of the mandible in the baboon. Following osteotomy at the symphysis. Walters RD, et al. **Angle Orthod** 1984 Jul;54(3):183-98

Trapezius osteomyocutaneous flap for mandibular reconstruction. Gregor RT, et al. **Arch Otolaryngol** 1985 Mar;111(3):198-203

Mandible reconstruction with the trapezius osteomusculocutaneous flap. Panje WR. **Arch Otolaryngol** 1985 Apr;111(4):223-9

Nature of relapse after surgical mandibular advancement. Bhatia SN, et al. **Br J Orthod** 1985 Apr;12(2):58-69

Rib-latissimus dorsi osteomyocutaneous flap in reconstruction of a mandibular defect. Maruyama Y, et al. **Br J Plast Surg** 1985 Apr;38(2):234-7

Radial forearm flap for floor of mouth reconstruction. Matthews RN, et al. **Br J Surg** 1985 Jul;72(7):561-4

Hydroxylapatite and skin graft vestibuloplasty. A new dimension in preprosthetic surgery. Freedman GL. **Can Dent Assoc J** 1985 Apr;51(4):293-5

Mandibular reconstruction. Cohen M, et al. **Clin Plast Surg** 1985 Jul;12(3):411-22

Effects of water and saline irrigation during bone cutting on bone healing. Lurie R, et al. **Int J Oral Surg** 1984 Oct;13(5):437-44

Champy plates in mandibular surgery. Szabó G, et al. **Int J Oral Surg** 1984 Aug;13(4):290-3

Complications related to the intraoral vertical ramus osteotomy. Tuinzing DB, et al. **Int J Oral Surg** 1985 Aug;14(4):319-24

A cephalometric and electromyographic investigation of patients treated for the correction of mandibular prognathism by mandibular surgery only. Moss JP. **Int J Orthod** 1985 Spring;23(1-2):10-9

The TMJ dysfunction syndrome before and after sagittal split osteotomy of the rami. Karabouta I, et al. **J Maxillofac Surg** 1985 Aug;13(4):185-8

Köle's osteotomy, a follow-up study. Kloosterman J. **J Maxillofac Surg** 1985 Apr;13(2):59-63

Recent developments in interpositional bone-grafting of the atrophic mandible. Moloney F, et al. **J Maxillofac Surg** 1985 Feb;13(1):14-23

Intraoral or extraoral approach in oblique sliding osteotomy of the mandibular ramus. A cephalometric study. Nyström E, et al. **J Maxillofac Surg** 1984 Dec;12(6):277-82

Modified Kocher clamp for fragment stabilization after sagittal ramus osteotomy. Alexander G. **J Oral Maxillofac Surg** 1985 Aug;43(8):649-50

Evaluation of long-term sensory changes following mandibular augmentation procedures. Bailey PH, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):722-7

The effect of electrical current on the healing of mandibular freeze-dried bone allografts in dogs. Branham GB, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):403-7

The inverted L osteotomy for treatment of skeletal open-bite deformities. Dattilo DJ, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):440-3

Use of collagen tubes for implantation of hydroxylapatite: an experimental study. Gongloff RK, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):570-3

A technical note on placement of the mandibular staple bone plate. Heffez L. **J Oral Maxillofac Surg** 1985 Mar;43(3):225-6

Maintenance of condylar position after sagittal split osteotomy of the mandible. Leonard MS. **J Oral Maxillofac Surg** 1985 May;43(5):391-2

Modified technique for external fixation following mandibular resection [letter] Marx RE. **J Oral Maxillofac Surg** 1985 Aug;43(8):563

Spontaneous regeneration of the condyle following hemimandibulectomy by disarticulation. Nagase M, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):218-20

Intraoral vertical subcondylar osteotomy: a national survey. Niebergall CF, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):450-2

A technique for controlled placement of hydroxylapatite over atrophic mandibular ridges. Propper RH. **J Oral Maxillofac Surg** 1985 Jun;43(6):469-70

The lingual application of a reconstruction plate: a new method in bridging lower jaw defects. Raveh J, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):735-9

Condylar position after mandibular advancement [letter] Reitzik M. **J Oral Maxillofac Surg** 1985 Jul;43(7):479

Antibiotic prophylaxis in intraoral orthognathic surgery. Ruggles JE, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):797-801

Hydroxylapatite augmentation of the mandible with simultaneous mucosal graft vestibuloplasty. Shafer SC, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):749-50

A comparison between superior and inferior border wiring techniques in sagittal split ramus osteotomy. Singer RS, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):444-9

Subperiosteal onlay augmentation of the mandible: a clinical and radiographic survey. Swart JG, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):183-7

Intraoperative complications of sagittal osteotomy of the mandibular ramus: incidence and management. Turvey TA. **J Oral Maxillofac Surg** 1985 Jul;43(7):504-9

Stability associated with mandibular advancement treated by rigid osseous fixation. Van Sickels JE, et al. **J Oral Maxillofac Surg** 1985 May;43(5):338-41

A cantilevered swinglock removable partial denture design for the treatment of the partial mandibulectomy patient. Adams D. **J Oral Rehabil** 1985 Mar;12(2):113-8

Changes in chewing patterns of patients with complete dentures after placement of osseointegrated implants in the mandible. Jemt T, et al. **J Prosthet Dent** 1985 Apr;53(4):578-83

Mandibular positioning prosthesis for the partially resected mandibulectomy patient. Martin JW, et al. **J Prosthet Dent** 1985 May;53(5):678-80

Mandibulectomy without reconstruction can cause sleep apnea. Panje WR, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1591-4

Pectoralis major for mandibular reconstruction [letter] Bell MS. **Plast Reconstr Surg** 1985 Feb;75(2):281-2

A simple technique for stabilizing mandibular segments [letter] Ryan RF, et al. **Plast Reconstr Surg** 1985 Mar;75(3):440-1

Weight changes after jaw fixation due to sagittal split ramus osteotomy for correction of prognathous. Harju E, et al. **Resuscitation** 1984 Nov;12(3):187-91

[Relation between trigeminal neuralgia of the first branch of the trigeminal nerve and pathological cavity of the jaws] Zhang SY. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):35-7 **(Chi)**

[Lower jaw reconstruction using titanium mesh and removal of iliac crest grafts while maintaining the crista contour] Cesteleyn L, et al. **Acta Stomatol Belg** 1985 Jun;82(2):85-94 (Eng. Abstr.) **(Dut)**

[Homologous or autologous bone for augmentation of the mandibular wall?] Lekkas C. **Acta Stomatol Belg** 1985 Mar;82(1):41-5 **(Dut)**

[Bony reconstruction of the mandible: review of current possibilities] Reychler H, et al. **Acta Stomatol Belg** 1985 Mar;82(1):47-64 (120 ref.) **(Fre)**

[Correction of long face with open bite] Vesse M, et al. **Ann Chir Plast Esthet** 1985;30(2):147-53 (Eng. Abstr.) **(Fre)**

[Secondary reconstruction of the buccal floor by total skin graft after noninterruptive pelvimandibulectomy] Mamelle G, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(5):317-9 (Eng. Abstr.) **(Fre)**

[Rational surgical treatment of mandibular retrognathism] Cadenat H, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):255-60 (Eng. Abstr.) **(Fre)**

[Protocol of mandibular reconstruction] Chassagne JF, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):180-8 (Eng. Abstr.) **(Fre)**

[Excision of ameloblastoma and reconstruction using a mandibular autologous graft] Freidel M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):267-72 (Eng. Abstr.) **(Fre)**

[External fixation devices in maxillofacial surgery] Pasturel A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):426-8 (Eng. Abstr.) **(Fre)**

[Complications and impact of sagittal osteotomy of the ascending ramus. Personal experience] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):261-4 (Eng. Abstr.) **(Fre)**

[Conventional radiologic and computer tomography control of the condyle position following sagittal mandibular osteotomy] Jend-Rossmann I, et al. **Fortschr Kiefer Gesichtschir** 1985;30:93-6 **(Ger)**

[Problems of osteosynthesis in free and microsurgically transplanted bone] Riediger D. **Fortschr Kiefer Gesichtschir** 1985;30:172-5 **(Ger)**

[Bone scintigraphy following cryodevitalization of the mandible] Döge H, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(2):111-7 (Eng. Abstr.) **(Ger)**

[Prosthetic classification of patients with partial jaw resection] Kovacs DG. **Fogorv Sz** 1984 Oct;77(10):300-2 **(Hun)**

[Possibility for partial reconstruction of the mandibular bone] Capozzi O, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):427-32 (Eng. Abstr.) **(Ita)**

[Osteoperiosteal graft in mandibular reconstruction] Vercellino V, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):395-8 (Eng. Abstr.) **(Ita)**

[Experimental study on porous apatite as artificial bone. Experiment on implantation in the mandible] Yamazaki Y. **Kokubyo Gakkai Zasshi** 1984 Jun;51(2):372-406 (Eng. Abstr.) **(Jpn)**

[The maximum surgical blood order schedule (MSBOS) in oral surgery] Sakuma Y, et al. **Masui** 1985 May;34(5):682-5 (Eng. Abstr.) **(Jpn)**

[Latissimus dorsi myocutaneous-iliac bone flap for massive defects of the mandible and oral floor] Fujiyoshi T, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec;87(12):1643-9 (Eng. Abstr.) **(Jpn)**

[Clinical and functional evaluation of the results of contour mandibuloplasty using a silicone implant] Baev VT, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):31-4 (Eng. Abstr.) **(Rus)**

[Classification of the shape of the prosthetic bed of the mandible after osteoplastic operations] Plotnikov NA, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):58-60 (Eng. Abstr.) **(Rus)**

[Mandibular osteoplasty in children, using bone and plastic endoprostheses] Shestakov IuN, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):64-6 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

[Morphofunctional relationships of myons and blood capillaries in the normal masticatory muscle and in the immobilized mandible] Solov'ev VA. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):9-11 (Eng. Abstr.) **(Rus)**

MANDIBULAR CONDYLE

[Osteomas of the mandibular condyle. A case report of particular surgical interest] Baraglia M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):275-8 (Eng. Abstr.) **(Ita)**

ABNORMALITIES

Spontaneous regeneration of a unilaterally absent mandibular condyle. Keizer S, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):130-2

[Surgical correction of hyperplastic deformities of the mandibular condyle and condylar neck--analysis of 59 cases] Zhang XE. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):151-4 **(Chi)**

ANATOMY & HISTOLOGY

Histomorphometric analysis of cartilage and subchondral bone in mandibular condyles of young human adults at autopsy. Lubsen CC, et al. **Arch Oral Biol** 1985; 30(2):129-36

Maintenance of condylar position after sagittal split osteotomy of the mandible. Leonard MS. **J Oral Maxillofac Surg** 1985 May;43(5):391-2

Condylar position after mandibular advancement [letter] Reitzik M. **J Oral Maxillofac Surg** 1985 Jul;43(7):479

Evaluation of condylar position from temporomandibular joint radiographs. Aquilino SA, et al. **J Prosthet Dent** 1985 Jan;53(1):88-97

CYTOLOGY

Mechanical and hormonal stimulation of cell cultures derived from young rat mandible condyle. Shimshoni Z, et al. **Arch Oral Biol** 1984;29(10):827-31

DRUG EFFECTS

Studies on hormonal regulation of the growth of the craniofacial skeleton: III. Effects of 24,25 (OH)2D3 on cartilage growth in the mandibular condyle of suckling mice. Mirsky N, et al. **J Craniofac Genet Dev Biol** 1984; 4(4):303-20

GROWTH & DEVELOPMENT

The effect of pulsating electromagnetic fields on condylar growth in guinea pigs. Gerling JA, et al. **Am J Orthod** 1985 Mar;87(3):211-23

Re: Comments on condylar growth of the mandible and orthodontic treatment [letter] Sadowsky C. **Am J Orthod** 1985 May;87(5):438

Comments on condylar growth of the mandible and orthodontic treatment [editorial] Thompson JR. **Am J Orthod** 1985 Jan;87(1):81

The control of condylar growth: an experimental evaluation of the role of the lateral pterygoid muscle. Whetten LL, et al. **Am J Orthod** 1985 Sep;88(3):181-90

An in-vitro system for studying the effect of variable compressive forces on the mandibular condylar cartilage of the rat. Copray JC, et al. **Arch Oral Biol** 1985; 30(4):305-11

Effects of compressive forces on proliferation and matrix synthesis in mandibular condylar cartilage of the rat in vitro. Copray JC, et al. **Arch Oral Biol** 1985;30(4):299-304

The role of the mandibular condyle in the facial growth. Kantomaa T. **Proc Finn Dent Soc** 1984;80 Suppl 9-11:1-57

[Role of the mandibular condyle in facial growth] Kantomaa T. **Proc Finn Dent Soc** 1985;81(2):111-2 (Eng. Abstr.) **(Fin)**

INJURIES

Investigation of a 9-year-old condylar neck fracture. Heasman PA. **Br Dent J** 1984 Dec 8;157(11):396-7

An unusual mandibular dislocation. Cope MR, et al. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):112-7

Surgical correction of recurrent dislocation of a mandibular condyle in a patient with Huntington's chorea: a case report. Price RB. **Br J Oral Maxillofac Surg** 1985 Apr; 23(2):118-22

Mandibular condyle fracture and dislocation into the middle cranial fossa. Pepper L, et al. **Int J Oral Surg** 1985 Jun; 14(3):278-83

Condylar displacement [letter] Williams BT. **J Am Dent Assoc** 1984 Sep;109(3):400

Tympanic plate fracture from mandibular trauma. Conover GL, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):292-4

Functional therapy for fractures of the condyloid process in adults. Thiele RB, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):226-8

A pin-in-groove technique for reduction of displaced subcondylar fractures of the mandible. Wennogle CF, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):659-65

[Value of the surgical treatment of subcondylar fractures. Apropos of a comparative study of 24 cases of luxation-fractures treated by to-and-fro osteosynthesis or by active protrusive mobilization] Cadenat H, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):455-64 (Eng. Abstr.) **(Fre)**

[Surgical management of fractures of the mandibular condyle] Fodor A, et al. **Fogorv Sz** 1984 Dec;77(12):379-81 (Eng. Abstr.) **(Hun)**

[Functional therapy of condylar fractures] Marinelli M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):399-404 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Acquired unilateral condylar hyperplasia and facial asymmetry: report of case. Rubenstein LK, et al. **ASDC J Dent Child** 1985 Mar-Apr;52(2):114-20

Osteochondroma of the mandibular condyle. Report of a case and review of the literature. Forssell H, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):183-9

Unilateral condylar hyperplasia combined with synovial chondromatosis of the temporomandibular joint. Report of a case. de Bont LG, et al. **J Maxillofac Surg** 1985 Feb; 13(1):32-6

Osteoarthritis of the temporomandibular joint: a light microscopic and scanning electron microscopic study of the articular cartilage of the mandibular condyle. De Bont LG, et al. **J Oral Maxillofac Surg** 1985 Jul;43(7):481-8

Adenocarcinoma metastatic to the temporomandibular joint. Hecker R, et al. **J Oral Maxillofac Surg** 1985 Aug; 43(8):629-31

Radionuclide bone scanning in the diagnosis and management of condylar hyperplasia. Harris SA, et al. **Nucl Med Commun** 1984 Jun;5(6):373-80

Quantitative assessment of isotope activity in the temporomandibular joint regions as a means of assessing unilateral condylar hypertrophy. Pogrel MA. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):15-7

PHYSIOLOGY

Functions of condylar translation in human mandibular movement. Smith RJ. **Am J Orthod** 1985 Sep;88(3):191-202

Cephalometric analysis of condylar adaptations to altered mandibular position in adult rhesus monkeys, Macaca mulatta. Schneiderman ED, et al. **Arch Oral Biol** 1985; 30(1):49-54

Spontaneous regeneration of the condyle following hemimandibulectomy by disarticulation. Nagase M, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):218-20

Working condylar movement and its effects on posterior occlusal morphology. Schulte JK, et al. **J Prosthet Dent** 1985 Jul;54(1):118-21

Analysis of the lateral condylar adjustment of nonarcon semiadjustable articulators. Taylor TD, et al. **J Prosthet Dent** 1985 Jul;54(1):140-3

[Simplified system of recording the condyle path and immediate lateral movement] Mani G. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1241-8 (Eng. Abstr.) **(Fre)**

PHYSIOPATHOLOGY

Endochondral ossification of the condyle in rats on a strontium or low-calcium diet. Nagayama M, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):693-703

RADIOGRAPHY

Observer performance in assessment of condylar position in temporomandibular joint radiograms. Liedberg J, et al. **Acta Odontol Scand** 1985 Mar;43(1):53-8

Transpharyngeal radiography of mandibular condyle. Comparison with other conventional methods. Larheim TA, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr; 26(2):167-71

Repeatability of the mandibular retruded position. Hellsing G, et al. **J Oral Rehabil** 1985 Jan;12(1):1-8

A tomographic study of mandibular condyle position in an asymptomatic population. Pullinger AG, et al. **J Prosthet Dent** 1985 May;53(5):706-13

Evaluation of condylar position from temporomandibular joint radiographs [letter] Weinberg LA. **J Prosthet Dent** 1985 Jul;54(1):157-8

Artifact object on Panex film. Hurley MP. **Oral Surg Oral Med Oral Pathol** 1980 Sep;50(3):292

Assessment of mandibular condyle position: a comparison of transcranial radiographs and linear tomograms. Pullinger A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep; 60(3):329-34

[Relation between the balance of protrusive occlusion and protrusive inclination of the condylar guidance (path) of the complete denture] Hong L, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):75-7, 126 (Eng. Abstr.) **(Chi)**

[Conventional radiologic and computer tomography control of the condyle position following sagittal mandibular osteotomy] Jend-Rossmann I, et al. **Fortschr Kiefer Gesichtschir** 1985;30:93-6 **(Ger)**

SURGERY

The postcondylar cartilage graft--an evaluation of an alternative surgical method for the treatment of retrognathia. Banks P. **Am J Orthod** 1985 May;87(5):406-20

Surgery in mandibular condylar hyperplasia. Hampf G, et al. **J Maxillofac Surg** 1985 Apr;13(2):74-8

Total condylar prosthesis for alloplastic jaw articulation replacement. Sonnenburg I, et al. **J Maxillofac Surg** 1985 Jun;13(3):131-5

Long-term follow-up of a mandibular costochondral graft. Figueroa AA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):257-68

[Treatment of inveterate unilateral dislocations of the mandible by open repositioning of the condyle and meniscectomy] Leyder P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):175-9 (Eng. Abstr.) **(Fre)**

[Reconstruction of the mandibular condyle with a methylmethacrylate prosthesis] Mikolji V, et al. **Chir Maxillofac Plast** 1984;14(2-3):89-94 (Eng. Abstr.) **(Scr)**

ULTRASTRUCTURE

[Ultrastructure of the condylar cartilage and joint meniscus in TMJ syndrome] Ma XC. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):270-2 (Eng. Abstr.) **(Chi)**

MANDIBULAR DISEASES

CHEMICALLY INDUCED

Extensive osteolysis of the mandible following devitalization of a tooth by arsenic trioxide. Yakata H, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):462-6

COMPLICATIONS

Mandibular atrophy and metabolic bone loss. Mandibular ridge augmentation by combined sandwich-visor osteotomy and resorption related to metabolic bone state. Bras J, et al. **Int J Oral Surg** 1985 Feb;14(1):16-21

Pan-mandibular keratocyst with eosinophilia. Gupta DS, et al. **Int J Oral Surg** 1985 Jun;14(3):311-3

[Relation between trigeminal neuralgia of the first branch of the trigeminal nerve and pathological cavity of the jaws] Zhang SY. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan; 20(1):35-7 **(Chi)**

DIAGNOSIS

Focal osteoporotic bone marrow defect. Wilson DF, et al. **Aust Dent J** 1985 Apr;30(2):77-80

Traumatic bone cyst: report of case. DeTomasi D, et al. **J Am Dent Assoc** 1985 Jul;111(1):56-7

Present-day concepts in diagnosis and treatment of craniomandibular disorders. Gelb H. **NY State Dent J** 1985 May;51(5):266-71 (11 ref.)

[Keratinized odontogenic cysts. Comments on 4 cases] Lavorgna G, et al. **Minerva Stomatol** 1984 Sep-Oct; 33(5):755-63 (Eng. Abstr.) **(Ita)**

ETIOLOGY

A malignant lesion of the infratemporal fossa causing mandibular displacement. Case report. Heggie AA, et al. **Aust Dent J** 1984 Jun;29(3):145-9

Haemophilic pseudotumours of the mandible: report of a case in a one-year-old child. Brook AH, et al. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):47-52

Stafne's mandibular lingual cortical defect. Discussion of aetiology. Lello GE, et al. **J Maxillofac Surg** 1985 Aug; 13(4):172-6

Subpontic osseous proliferation. Burkes EJ Jr, et al. **J Prosthet Dent** 1985 Jun;53(6):780-5

A case of Wegener's granulomatosis presenting with jaw claudication. Vermeulen JP, et al. **J Rheumatol** 1984 Oct; 11(5):707-9

FAMILIAL & GENETIC

Maxillofacial symptoms in two patients with pyknodysostosis. Zachariades N, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):819-23

[Report of a family with bone lesions and subcutaneous abscesses of unknown etiology] Endo M, et al. **Hokkaido Igaku Zasshi** 1984 Sep;59(5):658-65 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

[Anaerobic microbes in perimandibular inflammation] Danielewiczowa K, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):484-7 (Eng. Abstr.) **(Fre)**

OCCURRENCE

[Dehiscences and fenestrations. Incidence and distribution] Grivet Brancot L, et al. **Minerva Stomatol** 1985 Jan-Feb; 34(1):123-7 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Aneurysmal bone cyst of the jaw. Case report. Hempenstall PD, et al. **Aust Dent J** 1984 Aug;29(4):234-7

Central giant cell reparative granuloma of the mandible in children (report of four cases). Piekarczyk J, et al. **Australas Radiol** 1984 May;28(2):149-51

A pigmented odontogenic keratocyst. Macleod RI, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):216-9

Diffuse sclerosing osteomyelitis of the mandible. Jacobsson S. **Int J Oral Surg** 1984 Oct;13(5):363-85 (83 ref.)

Periodontal bone loss in dry mandibles of South African blacks: a biometric study. Tal H. **J Dent Res** 1985 Jun; 64(6):925-9

Eosinophilic granuloma with bilateral maxillary and mandibular involvement. Gondalia V, et al. **J Laryngol Otol** 1984 Nov;98(11):1143-5

Gaucher's disease affecting the mandible. Hall MB, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):210-3

Development of a keratocyst in the facial soft tissues. van der Wal KG. **J Oral Maxillofac Surg** 1985 Aug;43(8):614-6

Solitary bone cyst. Shalhoub SY. **J Oral Med** 1984 Oct-Dec; 39(4):243-5

Multifocal eosinophilic granuloma: a clinical pathologic conference. Krutchkoff DJ, et al. **J Oral Pathol** 1984 Oct; 13(5):472-88

Growth behavior and lineage of isolated and cultured cells derived from giant cell granuloma of the mandible. el-Mofty SK, et al. **J Oral Pathol** 1985 Aug;14(7):539-52

The botryoid odontogenic cyst. Report of a case and review of the literature. Lynch DP, et al. **J Periodontol** 1985 Mar; 56(3):163-7

Occurrence of multiple dentigerous cysts in a patient with the Maroteaux-Lamy syndrome (mucopolysaccharidosis, type VI). Roberts MW, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):169-75

Recurrent histiocytosis X with mandibular lesions. Zuendel MT, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct; 58(4):420-3

[Voluminous dentigerous cyst of the mandible] Ammar-Khodja A. **Rev Laryngol Otol Rhinol (Bord)** 1984; 105(3):313-4 (Eng. Abstr.) **(Fre)**

[Mandibular aneurysmal cyst associated with cementifying fibroma. A case report] De Roquancourt A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):325-8 (Eng. Abstr.) **(Fre)**

[Primary multilocular mandibular cyst and its malignant degeneration] Urmösi J, et al. **Fogorv Sz** 1984 Aug; 77(8):247-53 (Eng. Abstr.) **(Hun)**

PHYSIOPATHOLOGY

Traumatic bone cyst of the mandible; regression following aspiration. Chapman PJ, et al. **Int J Oral Surg** 1985 Jun; 14(3):290-4

The prosthetic treatment in the presence of gross resorption of the mandibular alveolar ridge. Golds L. **J Dent** 1985 Jun;13(2):91-101

PREVENTION & CONTROL

Prevention of osteoradionecrosis: a randomized prospective clinical trial of hyperbaric oxygen versus penicillin. Marx RE, et al. **J Am Dent Assoc** 1985 Jul;111(1):49-54

The effect of calcitonin on experimental osteoradionecrosis in mice. Archibald D, et al. **J Oral Med** 1985 Jan-Mar; 40(1):7-12

Alveolar ridge maintenance with solid nonporous hydroxylapatite root implants. Quinn JH, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):511-21

Dental preservation in patients irradiated for head and neck tumours: A 10-year experience with topical fluoride and a randomized trial between two fluoridation methods. Horiot JC, et al. **Radiother Oncol** 1983 Aug;1(1):77-82

RADIOGRAPHY

A well-defined coronal radiolucent area involving an impacted third molar. Craig RM, et al. **J Am Dent Assoc** 1984 Oct;109(4):612-3

Diffuse, increased radiodensity of the maxilla and mandible. DeBoom GW, et al. **J Am Dent Assoc** 1985 Mar; 110(3):381-2

Superior and buccal displacement of the mandibular canal in fibrous dysplasia. Giunta JL, et al **J Oral Maxillofac Surg** 1985 Jun;43(6):460-2

Diagnosis of bone lesions by subtraction radiography. Rethman M, et al. **J Periodontol** 1985 Jun;56(6):324-9

Fibrous defect in the mandible. Eakle WS. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):320

Defect of the mandible. Shulman LB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):110

[Eosinophilic granuloma (histiocytosis X). Apropos of a case located at the level of the mandibular condyle] Tant L, et al. **Acta Stomatol Belg** 1984 Nov;81(3):181-204 **(Fre)**

[Hematopoietic foci as a cause of cystoid mandibular lesions] Sailer HF, et al. **Schweiz Monatsschr Zahnmed** 1985 Mar; 95(3):183-93 (Eng. Abstr.) **(Ger)**

[Extensive follicular cyst of the mandible (case report)] Borbely L, et al. **Fogorv Sz** 1985 Aug;78(8):242-4 **(Hun)**

[CAT in the diagnosis and localization of large odontogenic maxillary or mandibular cysts] Peres F, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jul-Sep; 25(3):865-86 (Eng. Abstr.) **(Por)**

RADIONUCLIDE IMAGING

Scintigraphy in early detection of mandibular disorders. Kortekangas AE, et al. Acta **Otolaryngol (Stockh)** 1985 Mar-Apr;99(3-4):262-5

Diagnosis of osteomyelitis of mandible by 99mTc-MDP and 67Ga citrate imaging. Sakamoto H, et al. **Tokai J Exp Clin Med** 1984 Oct;9(4):307-22

RADIOTHERAPY

[Action of laser radiation on the course of an inflammatory process in the maxillofacial area] Supiev TK. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):17-9 (Eng. Abstr.) **(Rus)**

SURGERY

Mandibular reconstruction with the A-O plate. Hilger PA, et al. **Arch Otolaryngol** 1985 Jul;111(7):469-71

Mandibular keratocysts: surgical management. Irvine GH, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):204-9

Rib-latissimus dorsi osteomyocutaneous flap in reconstruction of a mandibular defect. Maruyama Y, et al. **Br J Plast Surg** 1985 Apr;38(2):234-7

Odontogenic keratocyst [letter] Shah A, et al. **Ear Nose Throat J** 1984 Nov;63(11):569-71

Treatment of the odontogenic keratocyst by combined enucleation and cryosurgery. Webb DJ, et al. **Int J Oral Surg** 1984 Dec;13(6):506-10

Surgery in mandibular condylar hyperplasia. Hampf G, et al. **J Maxillofac Surg** 1985 Apr;13(2):74-8

The correction of mandibular deformity due to Paget's disease of bone. Wiesenfeld D, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):125-9

The median mandibular cyst and its endodontic significance. Tenca JI, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep; 60(3):316-21

[Malignant hyperthermia] Eliet B, et al. **Cah Anesthesiol** 1984 Sep;32(5):387-9 **(Fre)**

[Current trends in the treatment of mandibular osteoradionecrosis. Use of a sternocleidomastoid osteomyocutaneous flap] Lagier JP, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):15-8 (Eng. Abstr.) **(Fre)**

[Surgical treatment of jaw cysts] Wenger B. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):308-15 (Eng. Abstr.) **(Ger)**

[Clinical experiences in the treatment of central giant cell granulomas in childhood] Wittstock C, et al. **Z Arztl Fortbild (Jena)** 1985;79(2):69-72 **(Ger)**

[Surgical reconstruction of mandibular defects] Gyenes V, et al. **Fogorv Sz** 1984 Dec;77(12):356-62 (Eng. Abstr.) **(Hun)**

[Follicular cysts: technical details for the preservation and functional recovery of the intracystic teeth] Bucci E, et al. **Minerva Stomatol** 1985 May-Jun;34(3):469-73 (Eng. Abstr.) **(Ita)**

[Method for surgically treating mandibular odontogenic cysts in children] Turkevich GB. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):66-7 (Eng. Abstr.) **(Rus)**

THERAPY

Treatment of traumatic bone cyst of mandible by injection of autogeneic blood. Precious DS, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):137-40

[Osteoradionecrosis of the mandible, apropos of 39 cases] Legros M, et al. **J Fr Otorhinolaryngol** 1984 Nov; 33(9):453-6, 459 (Eng. Abstr.) **(Fre)**

MANDIBULAR FRACTURES

A retrospective study of 1,521 mandibular fractures. Bochlogyros PN. **J Oral Maxillofac Surg** 1985 Aug; 43(8):597-9

COMPLICATIONS

Tympanic plate fracture from mandibular trauma. Conover GL, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):292-4

Laryngeal incompetence following facial trauma. Zachariades N. **J Oral Maxillofac** Surg 1985 Aug; 43(8):638-9

[Fractures of the articular process of the mandible in children, associated with soft tissue injuries of the chin] Ramba J, et al. **Rozhl Chir** 1985 Apr;64(4):259-61 (Eng. Abstr.) **(Cze)**

[Protein-calorie deficiency in the nutritional status of mandibular fracture patients during immobilization] Kholodov SV. **Stomatologiia (Mosk)** 1984 Sep-Oct; 63(5):55-8 (Eng. Abstr.) **(Rus)**

[Prognostic significance of cellular immunity in the early diagnosis of traumatic osteomyelitis in mandibular fractures] Zuev VP, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):46-8 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[Immunostimulating activity of lysozyme in vitro in patients with injuries to the jaw bones complicated by suppurative infection] Tsarev VN, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):42-3 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Non-union of fractures of the mandible. Bochlogyros PN. **J Maxillofac Surg** 1985 Aug;13(4):189-93

Mandibular fractures. I. An analysis of their etiology and location in 286 patients. Larsen OD, et al. **Scand J Plast Reconstr Surg** 1976;10(3):213-8

[Osteogenesis imperfecta--pathological fracture of the lower mandible in tooth extraction] Aljinović N. **Chir Maxillofac Plast** 1984;14(1):37-42 (Eng. Abstr.) **(Scr)**

OCCURRENCE

Fractures of the facial skeleton in Reykjavik, Iceland, 1970-1979. (I) Mandibular fracture in 238 hospitalized patients, 1970-79. Olafsson SH. **Int J Oral Surg** 1984 Dec; 13(6):495-505

Fractures of the coronoid process of the mandible. An analysis of 52 cases. Rapidis AD, et al. **Int J Oral Surg** 1985 Apr;14(2):126-30

Ten years of mandibular fractures: an analysis of 2,137 cases. Ellis E 3d, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):120-9

[Mandibular fractures. A 4 year statistical study] Blanc JL, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):465-8 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Investigation of a 9-year-old condylar neck fracture. Heasman PA. **Br Dent J** 1984 Dec 8;157(11):396-7

Fractured genial tubercles. Youngs R, et al. **J Laryngol Otol** 1984 Oct;98(10):1047-8

[Hole fracture of the base of the skull following a fall on the chin] Metzner G, et al. **Z Rechtsmed** 1984;93(1):49-51 (Eng. Abstr.) **(Ger)**

[Characteristics of the human masseter muscle during hypokinesia] Solov'ev VA. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):77-83 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Electromyographic characteristics of the masticatory muscles during the treatment of uncomplicated mandibular fractures by helium-neon laser radiation] Urazalin ZhB, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):66-8 (Eng. Abstr.) **(Rus)**

PSYCHOLOGY

[Interrelation between the outcome of a mandibular fracture and the mental status of the patient] Shvyrkov MB, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):48-50 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

[Difficulties in the radiologic diagnosis of mono-cortical mandibular fractures. Apropos of 2 cases] Barbrel P, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):469-71 (Eng. Abstr.) **(Fre)**

SURGERY

The infected mandibular fracture. Fischer-Brandies E, et al. **Arch Orthop Trauma Surg** 1984;103(5):337-41

Small plate osteosynthesis of mandibular fractures. Cawood JI. **Br J Oral Maxillofac Surg** 1985 Apr;23(2):77-91

Intraoral open reduction of mandibular fractures. Chuong R, et al. **Int J Oral Surg** 1985 Feb;14(1):22-8

Biomechanical study on monocortical osteosynthesis for the fracture of the mandible. Ikemura K, et al. **Int J Oral Surg** 1984 Aug;13(4):307-12

Mandibular condyle fracture and dislocation into the middle cranial fossa. Pepper L, et al. **Int J Oral Surg** 1985 Jun; 14(3):278-83

Champy plates in mandibular surgery. Szabó G, et al. **Int J Oral Surg** 1984 Aug;13(4):290-3

The management of maxillo-facial injuries in vagrant alcoholics. Cannell H, et al. **J Maxillofac Surg** 1985 Jun; 13(3):121-4

Mandibular fracture fixation and reconstruction using the lower-border threaded rod: an eleven-year follow-up study. Seldin EB, et al. **J Oral Maxillofac Surg** 1985 Feb; 43(2):115-21

Compression osteosynthesis of mandibular fractures: a retrospective study. Tu HK, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):585-9

A pin-in-groove technique for reduction of displaced subcondylar fractures of the mandible. Wennogle CF, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):659-65

Repair of mandibular fractures via compression plating and more traditional techniques: a comparison of results. Kellman RM. **Laryngoscope** 1984 Dec;94(12 Pt 1):1560-7

Complications of mandibular fractures: a retrospective review of 100 fractures in 56 patients. Moore GF, et al. **Nebr Med J** 1985 Apr;70(4):120-3

Mandibular fractures. II. A follow-up study of 229 patients. Larsen OD, et al. **Scand J Plast Reconstr Surg** 1976; 10(3):219-26

[Value of the surgical treatment of subcondylar fractures. Apropos of a comparative study of 24 cases of luxation-fractures treated by to-and-fro osteosynthesis or by active protrusive mobilization] Cadenat H, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):455-64 (Eng. Abstr.) **(Fre)**

[Failures with screwed miniaturized plates. Apropos of 4 cases] Seguin P, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(5):419-23 (Eng. Abstr.) **(Fre)**

[Delayed mandibular osteosynthesis] Solas J, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):416-8 (Eng. Abstr.) **(Fre)**

[Current treatment of mandibular fractures in a general hospital center. What is the role of osteosynthesis with miniplates?] Vesse M, et al. **Rev Stomatol Chir Maxillofac** 1985;86(2):66-72 (Eng. Abstr.) **(Fre)**

[Extraoral care of mandibular angle fractures] Litwan M, et al. **Aktuel Traumatol** 1985 Apr;15(2):76-81 (Eng. Abstr.) **(Ger)**

[Articular occlusion problems in plate osteosynthesis] Dumbach J, et al. **Fortschr Kiefer Gesichtschir** 1985; 30:116-8 **(Ger)**

[Failures in the operative care of mandibular fractures with Kirschner wires and their treatment] Geiger SA, et al. **Fortschr Kiefer Gesichtschir** 1985;30:119-21 **(Ger)**

[Prevention of postoperative damage by intra- or extraoral approach to mandibular fractures] Hoffmeister B, et al. **Fortschr Kiefer Gesichtschir** 1985;30:112-6 **(Ger)**

[Complications in the operative treatment of mandibular fractures] Luhr HG, et al. **Fortschr Kiefer Gesichtschir** 1985;30:109-12 **(Ger)**

[Unrestricted plate osteosynthesis performed intraorally in mandibular fractures] Raveh J, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1225-39 (Eng. Abstr.) **(Ger)**

[Surgical management of fractures of the mandibular condyle] Fodor A, et al. **Fogorv Sz** 1984 Dec;77(12):379-81 (Eng. Abstr.) **(Hun)**

[Treatment of mandibular fractures by osteosynthesis] Sacco M, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):163-76 (Eng. Abstr.) **(Ita)**

[Halo-external fixation for a severe maxillofacial injury. Case report] Yamashita M, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):484-8 (Eng. Abstr.) **(Jpn)**

[Fixation of fractures of the mandible by the Champy technic] Zerdoner D. **Chir Maxillofac Plast** 1984;14(1):31-5 (Eng. Abstr.) **(Scr)**

THERAPY

Management of mandibular fractures in unreliable patient populations. Chan DM, et al. **Ann Plast Surg** 1984 Oct; 13(4):298-303

Functional therapy for fractures of the condyloid process in adults. Thiele RB, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):226-8

Conservative management of a fractured mandible in a ten month old child. Hazelrigg CO, et al. **J Oral Med** 1985 Jul-Sep;40(3):112-4

Mandibular fractures: do we overtreat them? Haidar Z. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):142-4

[Sequelae of condylar fractures in the experience of the department and that of medical expertise] Blanc JL, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):29-31 (Eng. Abstr.) **(Fre)**

[Treatment problems in mandibular fractures in growing children] Leopizzi G, et al. **Minerva Pediatr** 1984 Dec 31; 36(23-24):1215-21 (Eng. Abstr.) **(Ita)**

[Functional therapy of condylar fractures] Marinelli M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):399-404 (Eng. Abstr.) **(Ita)**

[Comparative characteristics of immunomodulators in the combined treatment of patients with mandibular fractures] Zuev VP, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr; 64(2):34-6 (Eng. Abstr.) **(Rus)**

MANDIBULAR INJURIES

COMPLICATIONS

Cachexia in a mentally retarded adolescent secondary to mandibular dislocation. Sonnenberg EM, et al. **Dev Med Child Neurol** 1985 Jun;27(3):374-6

SURGERY

Reconstruction of a mandible after shotgun trauma: report of case. Frensilli JA, et al. **J Am Dent Assoc** 1985 Jan; 110(1):49-51

Spontaneous regeneration of the mandible in a child. A sequel to partial avulsion as a result of a war injury. Shuker S. **J Maxillofac Surg** 1985 Apr;13(2):70-3

[Protocol of mandibular reconstruction] Chassagne JF, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):180-8 (Eng. Abstr.) **(Fre)**

[Myrhaug's operation. Apropos of 8 cases] Goertz JP, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):171-4 (Eng. Abstr.) **(Fre)**

[Treatment of inveterate unilateral dislocations of the mandible by open repositioning of the condyle and meniscectomy] Leyder P, et al. **Rev Stomatol Chir Maxillofac** 1985;86(3):175-9 (Eng. Abstr.) **(Fre)**

THERAPY

[Electrical stimulation in promoting healing of mandibular defects in the rabbit] Han ZF, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):32-4, 64 (Eng. Abstr.) **(Chi)**

MANDIBULAR NEOPLASMS

Hemangioma of the tongue and adjacent structures (a case report). Schneider PE. **J Oral Med** 1985 Jul-Sep; 40(3):115-9

Unusual Gorlin cyst with traumatic neuroma. Zachariades N. **J Oral Med** 1985 Apr-Jun;40(2):87-90, 97

ANALYSIS

Identification of basement membrane components and intermediate filaments in calcifying epithelial odontogenic tumors. Sauk JJ, et al. **J Oral Pathol** 1985 Feb;14(2):133-40

Glycosaminoglycans in myxoma of the jaw: a biochemical study. Slootweg PJ, et al. **J Oral Pathol** 1985 Apr; 14(4):299-306

COMPLICATIONS

Ameloblastoma with hypoproteinemia due to protein leakage. Osaki T, et al. **Int J Oral Surg** 1985 Jun;14(3):302-6

Ludwig's angina as a complication of ameloblastoma of the mandible. Tsuji T, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):815-9

DIAGNOSIS

Aggressive ossifying fibroma of the mandible. Reaume CE, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):631-5

Nonendemic American Burkitt's lymphoma. Van Sickels JE, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):453-6

Fibrosarcoma of the mandible presenting as a periodontal problem. Handlers JP, et al. **J Oral Pathol** 1985 May; 14(5):351-6

The Gorlin's syndrome: a case report. Ling KC, et al. **Med J Malaysia** 1984 Jun;39(2):173-6

Mandibular myelosarcoma (chloroma): primary oral manifestation of promyelocytic leukemia. Reichart PA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):424-7

[An unusual adenomatoid odontogenic tumor in the mandible resembling a cyst--a case report] Kuo YS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):429-34 (Eng. Abstr.) **(Chi)**

[Solitary plasmocytoma of the mandible] Laurent F, et al. **Rev Stomatol Chir Maxillofac** 1985;86(1):32-5 (Eng. Abstr.) **(Fre)**

[Mandibular bone tumors. Diagnostic difficulties] Leyder P, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):320-4 (Eng. Abstr.) **(Fre)**

[Diagnosis and therapy of ameloblastoma] Catania VC, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):827-40 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Unexpected cure in metastatic rhabdomyosarcoma. de Graaf SS, et al. **Arch Dis Child** 1985 May;60(5):482-4

ETIOLOGY

Post-irradiation osteogenic sarcoma. Zachariades N, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):297-9

Traumatic neuroma occurring at a site of intraosseous wiring 15 years after the operation. Zachariades N. **J Oral Med** 1985 Jul-Sep;40(3):142-3

FAMILIAL & GENETIC

Familial hyperparathyroidism associated with cementifying fibromas of the jaws in two siblings. Warnakulasuriya S, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar; 59(3):269-74

Mandibular osteomas in colorectal cancer. Søndergaard JO, et al. **Scand J Gastroenterol** 1985 Aug;20(6):759-61

PATHOLOGY

Small-cell osteosarcoma of the mandible. Case report. Giangaspero F, et al. **Appl Pathol** 1984;2(1):28-31

B-cell lymphoma in two monogamous homosexual men. Levine AM, et al. **Arch Intern Med** 1985 Mar;145(3):479-81

Osteochondroma of the mandibular condyle. Report of a case and review of the literature. Forssell H, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):183-9

Fibrosarcoma of the mandible. Zachariades N, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):174-82

Assessment of mandibular invasion by carcinoma. Leipzig B. **Cancer** 1985 Sep 1;56(5):1201-5

Osteoid osteoma of the mandible [letter] Gupta OP, et al. **Ear Nose Throat J** 1985 Apr;64(4):206, 208

The duality of the cell population in a calcifying epithelial odontogenic tumour (CEOT). El-Labban NG, et al. **Histopathology** 1984 Jul;8(4):679-91

Leiomyosarcoma of mandible in a Sudanese female. Abdin HA, et al. **Int J Oral Surg** 1985 Feb;14(1):85-8

Recurrence of cystic central mucoepidermoid tumor of the mandible. Report of a case with 3 recurrences in 7 years. Pincock JL, et al. **Int J Oral Surg** 1985 Feb;14(1):81-4

Unusual myxomatous odontogenic tumour with calcification. Rennie JS, et al. **Int J Oral Surg** 1985 Jun;14(3):307-10

Experimentally-induced jaw sarcoma in the rat. Slootweg PJ. **J Maxillofac Surg** 1985 Jun;13(3):108-10

Angioglomoid tumour of the mandible. A case report. Slootweg PJ, et al. **J Maxillofac Surg** 1984 Dec;12(6):283-6

Case 55: large right mandibular mass [clinical conference] Addante RR, et al. **J Oral Maxillofac Surg** 1985 Jul; 43(7):531-6

Odontogenic fibroma of the complex (WHO) type: report of six cases. Doyle JL, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):666-74

Ameloblastomas with pronounced desmoplasia. Eversole LR, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):735-40

Case 52: Multiloculated radiolucency of the left mandible [clinical conference] Geist ET, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):205-9

Bilateral maxillary squamous odontogenic tumors and the malignant transformation of a mandibular radiolucent lesion. Norris LH, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):827-34

Primary angioleiomyoma of the mandible. White DK, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):640-4

Peripheral schwannoma of the mandible. Sastry KA, et al. **J Oral Med** 1985 Apr-Jun;40(2):98-100

Basement membrane confinement of epithelial tumor islands in benign and malignant ameloblastomas. Sauk JJ. **J Oral Pathol** 1985 Apr;14(4):307-14

Calcifying odontogenic cysts (keratoameloblatomas). Jung I, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):201-4

Aggressive juvenile fibromatosis. Schwartz AM, et al. **Mt Sinai J Med (NY)** 1985 May;52(5):378-9

Fibrous defect (nonossifying fibroma) of the mandible. Elzay RP, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct; 58(4):402-7

The traumatic bone cyst: a new dimension. Freedman GL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):616-8

Atypical central neurilemmoma of the mandible. Murphy J, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):275-8

Recurrent calcifying odontogenic cyst. Wright BA, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):579-83

Involvement of the mandibular canal: early sign of osteogenic sarcoma of the mandible. Yagan R, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):56-60

Multiple odontomas. Review of the literature and report of a new case. Lamberg MA, et al. **Proc Finn Dent Soc** 1984; 80(4):169-74

Follicular malignant non-Hodgkin's lymphoma with pronounced plasmacytic differentiation: a plasmacytoma-like lymphoma. Schmid U, et al. **Virchows Arch [A]** 1985;405(4):473-81

[Clinico-pathologic analysis of 21 cases of primary central carcinoma of the jawbone] Liu SX. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):148-50 (Eng. Abstr.) **(Chi)**

[Primary neuroblastoma of the mandible. Apropos of a case] Antoine P, et al. Rev **Stomatol Chir Maxillofac** 1984; 85(4):314-9 (Eng. Abstr.) **(Fre)**

[Bifocal odontogenic calcified epithelial tumor (Pindborg's tumor). A morphologic and ultrastructural study] Chomette G, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(4):329-36 (Eng. Abstr.) **(Fre)**

[Mandibular aneurysmal cyst associated with cementifying fibroma. A case report] De Roquancourt A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):325-8 (Eng. Abstr.) **(Fre)**

[Primary multilocular mandibular cyst and its malignant degeneration] Urmösi J, et al. **Fogorv Sz** 1984 Aug; 77(8):247-53 (Eng. Abstr.) **(Hun)**

[Mesenchymal type of chondrosarcoma of the jaws] Badia DM, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):271-4 (Eng. Abstr.) **(Ita)**

[Osteomas of the mandibular condyle. A case report of particular surgical interest] Baraglia M, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):275-8 (Eng. Abstr.) **(Ita)**

[Solitary plasmacytoma of the jaws. A case report of mandibular localization] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):263-9 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Clinical and histopathologic findings in a patient with Gorlin's syndrome. Ramström G, et al. **Arch Otorhinolaryngol** 1985;241(2):157-61

Triangular-shaped radiolucent area between roots of the mandibular right canine and first premolar. Warnock GR, et al. **J Am Dent Assoc** 1985 Jun;110(6):945-6

Floating teeth, a forgotten phenomenon? Staalman CR, et al. **J Belge Radiol** 1984;67(5):317-20

Radiographic characteristics of central ossifying fibroma. Eversole LR, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):522-7

Periosteal compact osteoma. Moshref M, et al. **Oral Surg Oral Med Oral Pathol** 1984 Dec;58(6):743

[Roentgenographic study of the involvement of gingival carcinoma of the lower jaw] Yu GY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):137-9 **(Chi)**

[Panoramic tomography of the mandible in familial polyposis coli] Søndergaard JO, et al. **Ugeskr Laeger** 1984 Oct 8; 146(41):3109-10 (Eng. Abstr.) **(Dan)**

[Stafne's lacuna, a salivary inclusion in the mandible. Apropos of a case] Bourjat P, et al. **J Radiol** 1985 Jan;66(1):71-3 (Eng. Abstr.) **(Fre)**

[Adenomatoid odontogenic tumor] Precious DS, et al. **Rev Stomatol Chir Maxillofac** 1984;85(6):472-6 (Eng. Abstr.) **(Fre)**

[Composite odontoma and complex odontoma. Radiologic considerations] Fucci G, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):957-60 (Eng. Abstr.) **(Ita)**

[Cranio-facial localization of Gardner's syndrome. Clinical case] Goia F, et al. **Minerva Stomatol** 1984 Nov-Dec; 33(6):945-8 (Eng. Abstr.) **(Ita)**

RADIOTHERAPY

Radiotherapy of a pseudotumor in a hemophiliac with Factor VIII inhibitor. Correra A, et al. **Am J Pediatr Hematol Oncol** 1984 Fall;6(3):325-7

Use of intraoral prostheses in external beam radiation of oral and perioral cancer. Epstein JB, et al. **J Prosthet Dent** 1985 Jul;54(1):100-7

[Results of radiotherapeutic treatment of malignant mandibular tumors] Schertel L, et al. **Rontgenpraxis** 1985 Mar;38(3):104-10 **(Ger)**

SECONDARY

Dental pulp metastases and pan-osseous mandibular involvement with mammary adenocarcinoma. Shankar S. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):455-61

Jaw metastasis from follicular carcinoma of thyroid gland simulating ameloblastoma. Parichatikanond P, et al. **J Med Assoc Thai** 1984 Jun;67(6):362-7

Mandibular metastasis from a primary adenocarcinoma of the fallopian tube. Curtin J, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):636-8

Adenocarcinoma metastatic to the temporomandibular joint. Hecker R, et al. **J Oral Maxillofac Surg** 1985 Aug; 43(8):629-31

Metastatic neuroblastoma of the jaws. Newland JR, et al.

J Oral Maxillofac Surg 1985 Jul;43(7):549-53

[Rare case of clear-cell carcinoma of the kidney with metastasis of the mandible] Rudziński L, et al. **Wiad Lek** 1984 Jul 15;37(14):1122-4 (Eng. Abstr.) **(Pol)**

SURGERY

Aesthetic aspects of composite oromandibular cancer resection and reconstruction. Rudolph R, et al. **Ann Plast Surg** 1985 Feb;14(2):128-34

Granular cell ameloblastoma of the mandible with metastasis to the third thoracic vertebra. A case report. Takahashi K, et al. **Clin Orthop** 1985 Jul-Aug;(197):171-80

Immediate repair of mandibular defects following surgery for carcinoma of the lower alveolus and gingiva using a pectoralis major osteomyocutaneous flap. Kudo K, et al. **J Maxillofac Surg** 1985 Jun;13(3):116-20

Spontaneous regeneration of the condyle following hemimandibulectomy by disarticulation. Nagase M, et al. **J Oral Maxillofac Surg** 1985 Mar;43(3):218-20

Recurrence of an ameloblastoma in an autogenous iliac bone graft. Stea G. **J Oral Maxillofac Surg** 1985 May;43(5):374-7

Endodontic treatment of a cementoblastoma. Goerig AC, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug; 58(2):133-6

Delayed mandibular reconstruction following removal of a mesenchymal chondrosarcoma. Report of a case. Osbon DB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun; 59(6):557-64

[Vascular ligation by fenestration during resection of mandibular central angiomas] Sun H. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):645-6 **(Chi)**

[Lower jaw reconstruction using titanium mesh and removal of iliac crest grafts while maintaining the crista contour] Cesteleyn L, et al. **Acta Stomatol Belg** 1985 Jun;82(2):85-94 (Eng. Abstr.) **(Dut)**

[Tumoral pathology of the craniomandibular field] Moussu M, et al. **Ann Chir Plast Esthet** 1984;29(3):233-40 (Eng. Abstr.) **(Fre)**

[Excision of ameloblastoma and reconstruction using a mandibular autologous graft] Freidel M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(4):267-72 (Eng. Abstr.) **(Fre)**

[Titanium-coated hollow screw and reconstruction plate system for the bridging of jaw defects. II. Possible reconstruction variants with the THRP system] Raveh J, et al. **Chirurg** 1985 May;56(5):337-44 (Eng. Abstr.) **(Ger)**

[Titanium plasma-coated hollow screws and reconstruction plate system for the bridging of jaw defects. I. Basic principles and biomechanical properties] Sutter F, et al. **Chirurg** 1984 Nov;55(11):741-8 **(Ger)**

[Surgical concepts in the treatment of malignant oral mucosal tumors of the mandible and floor of the mouth] Hadjianghelou O. **Schweiz Monatsschr Zahnmed** 1984 Oct; 94 Spec No:928-45 (Eng. Abstr.) **(Ger)**

[Surgical reconstruction of mandibular defects] Gyenes V, et al. **Fogorv Sz** 1984 Dec;77(12):356-62 (Eng. Abstr.) **(Hun)**

ULTRASTRUCTURE

Ameloblastic fibro-odontome. Report of a case, with ultrastructural study. Reich RH, et al. **J Maxillofac Surg** 1984 Oct;12(5):230-4

Chondromyxoid fibroma of the mandible. Ultrastructural comparison with a typical chondromyxoid fibroma of the femur. Happonen RP, et al. **Proc Finn Dent Soc** 1984; 80(5-6):230-7

VETERINARY

Compound odontoma in a dog. Valentine BA, et al. **J Am Vet Med Assoc** 1985 Jan 15;186(2):177-9

[Ameloblastic odontoma in a cow] Loupal G, et al. **Tierarztl Prax** 1984;12(1):13-8 **(Ger)**

MANDIBULAR NERVE

[Analysis of intraoral methods of blocking the inferior alveolar and lingual nerves] Egorov PM. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):51-3 (32 ref.) (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

The motor innervation of the single-bellied digastric muscle in the rabbit: a retrograde horseradish peroxidase study. Baisden RH, et al. **Neurosci Lett** 1985 May 14;56(2):129-36

[An anatomic variant of the inferior alveolar nerve in man] Khaledpour C. **Anat Anz** 1984;156(5):403-6 (Eng. Abstr.) **(Ger)**

[Clinically relevant oral anatomy of the lingual nerve] Watzek G, et al. **Fortschr Kiefer Gesichtschir** 1985;30:49-51 **(Ger)**

DRUG EFFECTS

Paresthesia of the mental nerve after overextension with AH26 and gutta-percha: report of case. Barkhordar RA, et al. **J Am Dent Assoc** 1985 Feb;110(2):202-3

GROWTH & DEVELOPMENT

Structural development of the feline mental nerve. Fried K. **Anat Rec** 1984 Oct;210(2):347-55

INJURIES

Subconvulsive dose of strychnine enhances the transneuronal effect of peripheral sensory nerve transection. Sugimoto T, et al. **Brain Res** 1984 Dec 10;323(2):320-5

Medicolegal aspects of lingual nerve injury [letter] Himmelfarb R. **J Oral Maxillofac Surg** 1985 Feb;43(2):71

Late onset of mandibular and lingual dysesthesia secondary to postextraction infection. Goldberg MH, et al. **Oral Surg Oral Med Oral Pathol** 1984 Sep;58(3):269-71

[Causes of injury to the lingual nerve in the operative extraction of the lower wisdom teeth--chances for reconstruction] Höltje WJ, et al. **Fortschr Kiefer Gesichtschir** 1985;30:54-8 **(Ger)**

[Does oblique osteotomy in the mandibular branch have advantages in relation to damage of the mandibular nerve in comparison to other osteotomies?] Liebig B, et al. **Fortschr Kiefer Gesichtschir** 1985;30:91-3 **(Ger)**

[Results following surgical therapy of injuries of the inferior alveolar, lingual and facial nerves] Schmelzle R. **Fortschr Kiefer Gesichtschir** 1985;30:59-61 **(Ger)**

[Disorders of tongue innervation in microlaryngoscopy] Barta T. **Cesk Otolaryngol** 1984 Sep;33(5):296-8 **(Slo)**

PATHOLOGY

The myelinated fibre content of human inferior alveolar nerves from dentate and edentulous subjects. Heasman PA. **J Dent** 1984 Dec;12(4):283-6

PHYSIOLOGY

Physiological properties of intradental mechanoreceptors. Dong WK, et al. **Brain Res** 1985 May 20;334(2):389-95

Reinnervation of the canine tooth pulp after section of the inferior alveolar nerve in the cat. Holland GR, et al. **Brain Res** 1985 Mar 11;329(1-2):300-3

Regenerating nerve fibres do not displace the collateral reinnervation of cat teeth. Robinson PP. **Brain Res** 1984 Sep 24;310(2):303-10

Gustatory trophic action of arterial chemosensory neurones in the cat. Dinger B, et al. **J Physiol (Lond)** 1984 Nov; 356:49-64

Recovery cycle of the masseter inhibitory reflex in man. Cruccu G, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):63-8

PHYSIOPATHOLOGY

Evaluation of long-term sensory changes following mandibular augmentation procedures. Bailey PH, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):722-7

SURGERY

Microsurgical correction of the injured inferior alveolar nerve. Mozsary PG, et al. **J Oral Maxillofac Surg** 1985 May;43(5):353-8

TRANSPLANTATION

Peripheral nerve grafts to the frog optic tectum: a morphological study of the axon reaction in trigeminal motor and sensory neurons. Kaplan EI, et al. **Exp Neurol** 1985 Sep;89(3):659-78

MANDIBULAR PROSTHESIS

Mandibular reconstruction using silicone: fifteen-year follow-up. McKenzie ML. **Plast Reconstr Surg** 1984 Oct; 74(4):531-4

[Free iliac transplantation in the reconstruction of mandibular defects--report of 6 cases] Sun YG. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):90-3 **(Chi)**

[Experimental study on the compound polytetrafluoroethylene (PTFE) and its clinical application] Wang QL, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):12-4, 63 (Eng. Abstr.) **(Chi)**

[Titanium-coated hollow screw and reconstruction plate system for the bridging of jaw defects. II. Possible reconstruction variants with the THRP system] Raveh J, et al. **Chirurg** 1985 May;56(5):337-44 (Eng. Abstr.) **(Ger)**

[Titanium plasma-coated hollow screws and reconstruction plate system for the bridging of jaw defects. I. Basic principles and biomechanical properties] Sutter F, et al. **Chirurg** 1984 Nov;55(11):741-8 **(Ger)**

[Clinical and functional evaluation of the results of contour mandibuloplasty using a silicone implant] Baev VT, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):31-4 (Eng. Abstr.) **(Rus)**

[Reconstruction of the mandibular condyle with a methylmethacrylate prosthesis] Mikolji V, et al. **Chir Maxillofac Plast** 1984;14(2-3):89-94 (Eng. Abstr.) **(Scr)**

CLASSIFICATION

[Prosthetic classification of patients with partial jaw resection] Kovacs DG. **Fogorv Sz** 1984 Oct;77(10):300-2 **(Hun)**

[Classification of the shape of the prosthetic bed of the mandible after osteoplastic operations] Plotnikov NA, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):58-60 (Eng. Abstr.) **(Rus)**

HISTORY

[Historical development of bone replacement of the mandible] Hoffmann-Axthelm W. **Fortschr Kiefer Gesichtschir** 1985;30:168-72 **(Ger)**

MANDIBULAR REST POSITION see **VERTICAL DIMENSION**

MANDIBULOFACIAL DYSOSTOSIS

Franceschetti's syndrome with bilateral atresia of lower puncta and canaliculi. Prasad VN, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):35-6

[Goldenhar's syndrome and anesthesia] Nakajima K, et al. **Masui** 1984 Sep;33(9):1027-9 (Eng. Abstr.) **(Jpn)**

CHEMICALLY INDUCED

Fetal abnormality (Goldenhar syndrome) occurring in one of triplet infants derived from in vitro fertilization with possible monozygotic twinning. Yovich JL, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):27-32

Goldenhar syndrome, anterior encephalocele, and aqueductal stenosis following fetal primidone exposure. Gustavson EE, et al. **Teratology** 1985 Aug;32(1):13-7

COMPLICATIONS

Tracheal intubation in an infant with Treacher-Collins syndrome--pulling out the tongue by a forceps [letter] Miyabe M, et al. **Anesthesiology** 1985 Feb;62(2):213-4

Intracranial lipomas, hydrocephalus and other CNS anomalies in oculoauriculo-vertebral dysplasia (Goldenhar-Gorlin syndrome). Aleksic S, et al. **Childs Brain** 1984;11(5):285-97

Treacher-Collins syndrome with deviated nasal septum. Bhatia R, et al. **Indian J Pediatr** 1984 Nov-Dec; 51(413):739-41

Tracheo-oesophageal anomalies in the Goldenhar anomalad. Mendelberg A, et al. **J Med Genet** 1985 Apr;22(2):149-50

[An infant case of Goldenhar syndrome associated with intracranial lesions] Shirakuni T, et al. **No To Hattatsu** 1985 May;17(3):251-5 (Eng. Abstr.) **(Jpn)**

[A case report of Goldenhar's syndrome accompanied with aplasia of the right lung] Ikezoe J, et al. **Rinsho Hoshasen** 1984 Aug;29(8):897-900 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

[3 cases of Goldenhar syndrome] Lisicka E. **Klin Oczna** 1984 Jun;86(6):273-4 (Eng. Abstr.) **(Pol)**

[Asymmetrical otocraniofacial syndrome (hemifacial microsomy) in discordant monozygotic twins. Otologic aspects] Pérez Alvarez F, et al. **An Esp Pediatr** 1984 Nov 30;21(8):769-73 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

X-linked syndrome of branchial arch and other defects. Toriello HV, et al. **Am J Med Genet** 1985 May;21(1):137-42

Nager's acrofacial dysostosis with thumb duplication: report of a case. Giugliani R, et al. **Clin Genet** 1984 Sep; 26(3):228-30

PHYSIOPATHOLOGY

Retinal and optic nerve findings in Goldenhar-Gorlin syndrome. Margolis S, et al. **Ophthalmology** 1984 Nov; 91(11):1327-33

RADIOGRAPHY

Radiographic features of the ear-related developmental anomalies in patients with mandibulofacial dysostosis. Mafee MF, et al. **Int J Pediatr Otorhinolaryngol** 1984 Jul; 7(3):229-38

SURGERY

The use of a temporal osteoperiosteal flap for the reconstruction of malar hypoplasia in Treacher Collins syndrome. van der Meulen JC, et al. **Plast Reconstr Surg** 1984 Nov;74(5):687-93

Classification and treatment of hemifacial microsomia. Lauritzen C, et al. **Scand J Plast Reconstr Surg** 1985; 19(1):33-9

MANDRAGORA

Reuben's mandrakes: infertility in the Bible. Ober WB. **Int J Gynecol Pathol** 1984;3(3):299-317

MANDRILL see **PAPIO**

MANEB see under **THIOCARBAMATES**

MANGANESE

54Mn2+ as a tracer of the polymerization of actin. Intermediate oligomers condense to give F-actin. Grazi E. **Biochem J** 1984 Nov 1;223(3):571-6

Quantitative aspects of metal ion binding to certain transfer RNA anticodon loop modified nucleosides. Schweizer MP.

et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):352-61

A multinuclear NMR relaxation study of the interaction of divalent metal ions with L-aspartic acid. Khazaeli S, et al. **J Inorg Biochem** 1984 Sep;22(1):33-42

The health implications of increased manganese in the environment resulting from the combustion of fuel additives: a review of the literature. Cooper WC. **J Toxicol Environ Health** 1984;14(1):23-46 (123 ref.)

[Interaction of manganese II ions with proteins] Khmara LA, et al. **Biofizika** 1985 May-Jun;30(3):400-5 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Zinc, copper, and manganese intake and balance for adults consuming self-selected diets. Patterson KY, et al. **Am J Clin Nutr** 1984 Dec;40(6 Suppl):1397-403

Severity of tenosynovitis in reovirus-infected chickens fed various dietary levels of choline, folic acid, manganese, biotin, or niacin. Cook ME, et al. **Avian Dis** 1984 Jul-Sep; 28(3):562-73

[Effects of a salt mixture on the state of the mother, fetus and newborn in experimental hypoxia] Tarakhovskii ML, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):175-80 (Eng. Abstr.) **(Rus)**

[Comparative effectiveness of microelements added to the diet of athletes during training in different seasons] Nasolodin VV, et al. **Vopr Pitan** 1984 Nov-Dec;(6):33-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Fertility of male workers exposed to mercury vapor or to manganese dust: a questionnaire study. Lauwerys R, et al. **Am J Ind Med** 1985;7(2):171-6

The health implications of increased manganese in the environment resulting from the combustion of fuel additives: a review of the literature. Cooper WC. **J Toxicol Environ Health** 1984;14(1):23-46 (123 ref.)

ANALYSIS

Zinc, copper, manganese and gold content of the hair of infants. Kauf E, et al. **Acta Paediatr Hung** 1984; 25(3):299-307

A comparison of the zinc, copper and manganese status of very low birth weight pre-term and full-term infants during the first twelve months. Friel JK, et al. **Acta Paediatr Scand** 1984 Sep;73(5):596-601

Studies in human lactation: zinc, copper, manganese and chromium in human milk in the first month of lactation. Casey CE, et al. **Am J Clin Nutr** 1985 Jun;41(6):1193-200

Manganese binding proteins in human and cow's milk. Lönnerdal B, et al. **Am J Clin Nutr** 1985 Mar;41(3):550-9

Hair manganese concentrations in newborns and their mothers. Saner G, et al. **Am J Clin Nutr** 1985 May; 41(5):1042-4

Characterization of the O2-induced manganese-containing superoxide dismutase from Bacteroides fragilis. Gregory EM. **Arch Biochem Biophys** 1985 Apr;238(1):83-9

Electron-paramagnetic-resonance studies of Mn(II) complexes with enzymes and substrates. Reed GH. **Biochem Soc Trans** 1985 Jun;13(3):567-71

Manganese concentration in the hair of greying ('salt and pepper') men reconsidered [letter] Guillard O, et al. **Clin Chem** 1985 Jul;31(7):1251

Improved determination of manganese in hair by use of a mini-autoclave and flameless atomic absorption spectrometry with Zeeman background correction: an evaluation in unexposed subjects. Guillard O, et al. **Clin Chem** 1984 Oct;30(10):1642-5

Superoxide dismutase activity and zinc, copper, and manganese concentrations in leukocytes [letter] Ishigame K, et al. **Clin Chem** 1985 Jun;31(6):1094-5

Dietary chromium and manganese intakes of a selected sample of Canadian elderly women. Gibson RS, et al. **Hum Nutr Appl Nutr** 1985 Feb;39(1):43-52

Mineral analyses of vegetarian, health, and conventional foods: magnesium, zinc, copper, and manganese content. McNeill DA, et al. **J Am Diet Assoc** 1985 May;85(5):569-72

Bazooka: cocaine-base and manganese carbonate [letter] Ensing JG. **J Anal Toxicol** 1985 Jan-Feb;9(1):45-6

Zinc, copper, manganese and iron in rat organs after the administration and withdrawal of aflatoxin B1. Ikegwuonu FI. **J Appl Toxicol** 1984 Oct;4(5):241-5

The presence of essential histidine residues in manganese(III)-containing acid phosphatase from sweet potato. Fujimoto S, et al. **J Biochem (Tokyo)** 1985 Jun; 97(6):1777-84

The interpretation of human hair trace element concentrations. Gibson RS, et al. **Sci Total Environ** 1984 Oct;39(1-2):93-101

[Human manganese-containing superoxide dismutase: enzyme immunoassay and contents in lung cancer] Iizuka S. **Hokkaido Igaku Zasshi** 1984 Nov;59(6):739-49 (Eng. Abstr.) **(Jpn)**

[Migration of Sr-90 and Mn-54 from soil and irrigation water to agricultural crops grown in different types of soil] Tomilin IuA. **Gig Sanit** 1984 Dec;(12):16-9 (Eng. Abstr.) **(Rus)**

[Determination of concentration of Mn-54 in plant and soil samples] Vintsukevich NV, et al. **Gig Sanit** 1984 Aug; (8):88-90 **(Rus)**

[Pb, Cd, Mn and Fe in inhalable particles in downtown Caracas] Lara V, et al. **Acta Cient Venez** 1984; 35(5-6):369-73 (Eng. Abstr.) **(Spa)**

ANTAGONISTS & INHIBITORS

Differential antagonism by Bay k 8644, a dihydropyridine calcium agonist, of the negative inotropic effects of nifedipine, verapamil, diltiazem and manganese ions in canine ventricular muscle. Ishii K, et al. **Br J Pharmacol** 1985 Feb;84(2):577-84

BLOOD

Relationship of blood lead and manganese in occupationally unexposed subjects. Suma'mur PK, et al. **Arh Hig Rada Toksikol** 1984 Jun;35(2):169-72

Blood manganese levels in children with convulsive disorder. Dupont CL, et al. **Biochem Med** 1985 Apr;33(2):246-55

Binding of manganese in human and rat plasma. Scheuhammer AM, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):163-9

Determination of zinc, copper, manganese, and iron in blood from patients with light-sensitive skin diseases. Horkay I, et al. **Dermatologica** 1984;169(2):66-9

Effect of quantity and route of administration of manganese monoxide on feed intake and serum manganese in ruminants. Black JR, et al. **J Dairy Sci** 1985 Feb;68(2):433-6

[Behavior of copper and manganese in serum in hemodialysis] Börner H, et al. **Z Urol Nephrol** 1984 Aug;77(8):483-9 (Eng. Abstr.) **(Ger)**

[Copper and manganese metabolism during the administration of therapeutic doses of iron] Nasolodin VV, et al. **Ter Arkh** 1984;56(9):116-9 (Eng. Abstr.) **(Rus)**

DEFICIENCY

Metabolic effects of manganese deficiency in Aspergillus niger: evidence for increased protein degradation. Ma H, et al. **Arch Microbiol** 1985 Apr;141(3):266-8

Dynamics of insulin and glucagon release in rats: influence of dietary manganese. Baly DL, et al. **Endocrinology** 1985 May;116(5):1734-40

Pyruvate carboxylase and phosphoenolpyruvate carboxykinase activity in developing rats: effect of manganese deficiency. Baly DL, et al. **J Nutr** 1985 Jul; 115(7):872-9

Influence of manganese on growth, somatomedin and glycosaminoglycan metabolism. Bolze MS, et al. **J Nutr** 1985 Mar;115(3):352-8

Manganese deficiency: effects on susceptibility to ethanol toxicity in rats. Zidenberg-Cherr S, et al. **J Nutr** 1985 Apr; 115(4):460-7

DIAGNOSTIC USE

Nuclear magnetic resonance tissue analysis of acute renal artery and renal vein occlusion: the effect of a paramagnetic contrast agent. Strich G, et al. **J Urol** 1984 Dec; 132(6):1216-9

The oral administration of MnCl2: a potential alternative to IV injection for tissue contrast enhancement in magnetic resonance imaging. Burnett KR, et al. **Magn Reson Imaging** 1984;2(4):307-14

[Use of a manganese citrate complex in the determination of liver enzyme activities in the aging process and following treatment with aminoethylisothiuronium bromide hydrobromide (AET)] Banga I, et al. **ZFA** 1984 Nov-Dec; 39(6):347-50 (Eng. Abstr.) **(Ger)**

METABOLISM

Melanin affinity of manganese. Lyden A, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):133-8

Biology of iron- and manganese-depositing bacteria. Ghiorse WC. **Annu Rev Microbiol** 1984;38:515-50 (200 ref.)

Changes of ATP, polyphosphate and K+ contents in Saccharomyces carlsbergensis during uptake of Mn2+ and glucose. Okorokov LA, et al. **Biochem Int** 1983 Apr; 6(4):481-8

Partition of divalent and total manganese in organs and subcellular organelles of MnCl2-treated rats studied by ESR and neutron activation analysis. Sakurai H, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):208-14

The effect of manganese ingestion, phosphate depletion, and starvation on the morphology of the epiphyseal growth plate. A stereologic study. Svensson O, et al. **Clin Orthop** 1985 Jul-Aug;(197):286-94

Localization, isolation and characterization of Mn-superoxide dismutase in bovine adrenocortical cells. Yamakura F, et al. **Comp Biochem Physiol [B]** 1984; 79(1):33-9

Glutamine synthetase: the major Mn(II) enzyme in mammalian brain. Wedler FC, et al. **Curr Top Cell Regul** 1984;24:153-69 (52 ref.)

Activation of liver cytosol phosphoenolpyruvate carboxykinase by Ca2+ through intracellular redistribution of Mn2+. Karczmarewicz E, et al. **Eur J Biochem** 1985 Sep 16;151(3):561-5

Ability of rabbit alveolar macrophages to dissolve metals. Lundborg M, et al. **Exp Lung Res** 1984;7(1):11-22

Replacement of Mn(III) with Cu(II) in Bacillus stearothermophilus superoxide dismutase. Similarity of the active site to the zinc site of copper/zinc superoxide dismutase. Bannister JV, et al. **FEBS Lett** 1985 Aug 19; 188(1):91-5

Identity of the metal ligands in the manganese- and iron-containing superoxide dismutases. Barra D, et al. **FEBS Lett** 1985 Jan 7;179(2):329-31

Action of a cytotoxin from Pseudomonas aeruginosa on human leukemic cell lines. Increase in cell permeability to Ca2+ and Mn2+ and lack of stimulation of inositol lipid turnover. Sasaki T, et al. **FEBS Lett** 1985 Sep 9; 189(1):33-6

Effect of 54Mn and lead interaction on their binding with tissue proteins: in vitro studies. Kalia K, et al. **Ind Health** 1984;22(3):207-18

Manganese-phospholipid-stimulated protein kinase activity of human leukemic cells. Elias L, et al. **J Biol Chem** 1985 Jun 10;260(11):7023-8

Cooperativity among manganese-binding sites in the H+-ATPase of chloroplasts. Hiller R, et al. **J Biol Chem** 1985 Feb 10;260(3):1614-7

Effect of Eimeria acervulina infection in chicks fed excess dietary cobalt and/or manganese. Brown DR, et al. **J Nutr** 1985 Mar;115(3):347-51

Metabolic effects of dietary manganese supplementation in ob/ob mice. Welsh JJ, et al. **J Nutr** 1985 Jul;115(7):919-28

Zinc, copper, manganese, and selenium metabolism in patients with human growth hormone deficiency or acromegaly. Aihara K, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug; 4(4):610-5

Intestinal absorption of manganese in experimental malnutrition. Garcia-Aranda JA, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):602-7

Aflatoxin and dimethyl sulfoxide influence on radiomanganese distribution and retention in neonate mice. Thompson JS, et al. **J Toxicol Environ Health** 1984; 13(4-6):563-74

Intestinal transport of manganese from human milk, bovine milk and infant formula in rats. Chan WY, et al. **Life Sci** 1984 Dec 10;35(24):2415-9

Biological availability of manganese sources and effects of high dietary manganese on tissue mineral composition of broiler-type chicks. Black JR, et al. **Poult Sci** 1984 Oct; 63(10):1999-2006

PHARMACODYNAMICS

Effects of manganese on the nervous system. Eriksson H, et al. **Acta Neurol Scand [Suppl]** 1984;100:89-93

The effect of strontium and manganese on freshly isolated chondrocytes. Svensson O, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 May; 93(3):115-20

Regulation of the catalytic unit of adenylate cyclase system in rat brain. Ishibashi S, et al. **Adv Exp Med Biol** 1984; 175:63-74

Factors regulating ligand binding to 5-hydroxytryptamine receptors in rat brain. Segawa T, et al. **Adv Exp Med Biol** 1984;175:115-25

Ultrastructural damage associated with the Ca2+ paradox. The protective effect of Mn2+. Elz JS, et al. **Am J Pathol** 1984 Oct;117(1):131-9

Soluble Mn2+-dependent adenylate cyclase activity in the testis of the blue fox (Alopex lagopus). Smith AJ, et al. **Arch Androl** 1984;12(2-3):225-30

The reversible activation by Mn2+ ions of the Ca2+-requiring neutral proteinase of human erythrocytes. Pontremoli S, et al. **Arch Biochem Biophys** 1985 Jun; 239(2):517-22

Regulation of heme and drug metabolism activities in the brain by manganese. Qato MK, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):18-24

Stimulation of the hexose monophosphate pathway in the human erythrocyte by Mn2+: evidence for a Mn2+-dependent NADPH peroxidase activity. Bennun A, et al. **Biochem Med** 1985 Feb;33(1):17-21

Mechanism of manganese-induced tolerance to cadmium lethality and hepatotoxicity. Goering PL, et al. **Biochem Pharmacol** 1985 May 1;34(9):1371-9

Phosphatidylinositol synthase from canine pancreas: solubilization by n-octyl glucopyranoside and stabilization by manganese. Parries GS, et al. **Biochemistry** 1984 Sep 25;23(20):4785-91

Manganese stimulates calcium flux through the mitochondrial uniporter. Allshire A, et al. **Biochim Biophys Acta** 1985 May 3;807(2):202-9

Phosphoenolpyruvate carboxykinase in mouse pancreatic islets. ATP-induced changes in sensitivity to Mn2+ activation. Hedeskov CJ, et al. **Biochim Biophys Acta** 1984 Nov 23;791(1):37-44

Nuclear magnetic resonance investigation of human erythrocytes in the presence of manganese ions. Evidence for a thermal transition. Morariu VV, et al. **Biochim Biophys Acta** 1985 May 14;815(2):189-95

Inhibition of DNA polymerase alpha by 2',3'-dideoxyribonucleoside 5'-triphosphates: effect of manganese ion. Ono K, et al. **Biomed Pharmacother** 1984; 38(8):382-9

The effect of the divalent cations Mg2+ and Mn2+ on adenylate cyclase activity in white and brown adipose tissue of lean and obese (ob/ob) mice. Begin-Heick N. **Can J Biochem Cell Biol** 1985 Jan;63(1):7-15

Influence of intracerebroventricular (ICV) GTP-electrolyte infusion on ICV (D-ALA2, D-LEU5) enkephalin (DADL)-induced cardiovascular effects in rats. McDonald WJ, et al. **Clin Exp Hypertens** [A] 1984;6(10-11):1837-41

Effects of manganese on 45Ca mobilization and contractile responses in rabbit aortic smooth muscle. Weiss GB, et al. **Gen Pharmacol** 1985;16(2):97-102

Manganese chloride enhances natural cell-mediated immune effector cell function: effects on macrophages. Smialowicz RJ, et al. **Immunopharmacology** 1985 Feb;9(1):1-11

Studies of tissue NMR relaxation enhancement by manganese. Dose and time dependences. Kang YS, et al. **Invest Radiol** 1984 Sep-Oct;19(5):399-407

Effects of high dietary manganese as manganese oxide or manganese carbonate in sheep. Black JR, et al. **J Anim Sci** 1985 Mar;60(3):861-6

The effect of substrate and potassium on the inhibitory kinetics of MnCl2 on the enzyme K+-p-nitrophenyl phosphatase in rat brain. Bansal SK, et al. **J Appl Toxicol** 1985 Feb;5(1):35-8

Induction of superoxide dismutases in Escherichia coli by manganese and iron. Pugh SY, et al. **J Bacteriol** 1984 Oct; 160(1):137-42

Effects of KCl, MgCl2, and CaCl2 concentrations on the monomer-polymer equilibrium of actin in the presence and absence of cytochalasin D. Maruyama K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):605-11

Demonstration of different metal ion-induced calcineurin conformations using a monoclonal antibody. Matsui H, et al. **J Biol Chem** 1985 Apr 10;260(7):4174-9

Effect of quantity and route of administration of manganese monoxide on feed intake and serum manganese in ruminants. Black JR, et al. **J Dairy Sci** 1985 Feb;68(2):433-6

Manganese action on protein synthesis in diabetic rat pancreas: evidence for a possible physiological role. Korc M. **J Nutr** 1984 Nov;114(11):2119-26

Age-related changes in activities of the superoxide dismutase enzymes in tissues of the sheep and the effect of dietary copper and manganese on these changes. Paynter DI, et al. **J Nutr** 1984 Oct;114(10):1909-16

Mode of interaction between forskolin and manganese ion in activating catalytic unit of adenylate cyclase from rat brain. Kurokawa T, et al. **J Pharmacobiodyn** 1984 Sep; 7(9):665-70

Assessment of the male reproductive system in the preweanling rat following Mn3O4 exposure. Laskey JW, et al. **J Toxicol Environ Health** 1985;15(2):339-50

Identification and initial characterisation of a pyrimidine dimer UV endonuclease (UV endonuclease beta) from Deinococcus radiodurans; a DNA-repair enzyme that requires manganese ions. Evans DM, et al. **Mutat Res** 1985 May;145(3):119-28

Effects of diltiazem and manganese renal hemodynamics: studies in the isolated perfused rat kidney. Loutzenhiser R, et al. **Nephron** 1985;39(4):382-8

Manganese ions inhibit acetylcholine receptor synthesis in cultured mouse soleus muscles. Lorkovic H, et al. **Neurosci Lett** 1984 Oct 26;51(3):331-5

On the fidelity of DNA polymerase alpha: the influence of alpha-thio dNTPs, Mn2+ and mismatch repair. Rienitz A, et al. **Nucleic Acids Res** 1985 Aug 12;13(15):5685-95

Proton relaxation enhancement in tissue due to ingested manganese chloride: time course and dose response in the rat. Mamourian AC, et al. **Physiol Chem Phys Med NMR** 1984;16(2):123-8

Effect of dietary manganese and age on tissue trace mineral composition of broiler-type chicks as a bioassay of manganese sources. Black JR, et al. **Poult Sci** 1985 Apr; 64(4):688-93

Effects of chronic high-level manganese exposure on male behavior in the Japanese quail (Coturnix coturnix japonica). Laskey JW, et al. **Poult Sci** 1985 Mar;64(3):579-84

Molecular mechanisms of manganese mutagenesis. El-Deiry WS, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7378-82

Hemodynamic effects of rapid and slow infusions of manganese chloride and gadolinium-DTPA in dogs. Slutsky RA, et al. **Radiology** 1985 Mar;154(3):733-5

Brain manganese, catecholamine turnover, and the development of startle in rats prenatally exposed to manganese. Kontur PJ, et al. **Teratology** 1985 Aug; 32(1):1-11

Manganese dioxide induces alveolar macrophage chemotaxis for neutrophils in vitro. Snella MC. **Toxicology** 1985 Feb; 34(2):153-9

An unexpected effect of divalent cations on the adenovirus endogenous protein kinase: alteration in the specificity of phosphorylation. Tsuzuki J, et al. **Virus Res** 1985 Mar; 2(2):95-105

[Effect of combined administration of manganese and insulin on glucose utilization] Boechko FF, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):85-8 (Eng. Abstr.) **(Rus)**

POISONING

Ultrastructural alterations of the grey matter structures of the brain due to experimental manganese intoxication. Dydyk L, et al. **Neuropatol Pol** 1984;22(2):265-80

[Psychodiagnosis in lead, mercury and manganese exposure--a report of experiences] Seeber A, et al. **Z Gesamte Hyg** 1984 Dec;30(12):702-6 (Eng. Abstr.) **(Ger)**

[Nervous system disorders in workers constantly exposed to manganese] Maślanka S. **Pol Tyg Lek** 1984 Sep 24; 39(39):1293-5 (Eng. Abstr.) **(Pol)**

[Possibility of using data on the manganese content of the hair of welders as an exposure test] Gorban' LN, et al. **Vrach Delo** 1985 Jun;(6):87-9 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

[Crystalluria during prophylactic treatment of urinary lithiasis with allopurinol, hydrochlorothiazide, manganese oxide, diphosphonates and propionohydroxamic acid] Buli P, et al. **Nephrologie** 1984;5(5):213-6 (Eng. Abstr.) **(Fre)**

TOXICITY

Cell survival after the combined action of manganese (MnCl2) and X-rays in synchronized Chinese hamster cells. Skreb Y, et al. **Arch Toxicol** 1984 Nov;56(1):29-32

The present status of biological effects of toxic metals in the environment: lead, cadmium, and manganese. Shukla GS, et al. **Can J Physiol Pharmacol** 1984 Aug;62(8):1015-31 (187 ref.)

Effect of manganese on the hepatic microsomal mixed function oxidase enzyme system in the rat. Deimling MJ, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1009-18

Effects of chronic manganese intake on the levels of biogenic amines in rat brain regions. Bonilla E, et al. **Neurobehav Toxicol Teratol** 1984 Sep-Oct;6(5):341-4

The effect of manganese on the ultrastructure of pituicytes in vitro. Zareba-Kowalska A, et al. **Neuropatol Pol** 1984; 22(2):281-91

Uptake, distribution and behavioral effects of inhalation exposure to manganese (MnO2) in the adult mouse. Morganti JB, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):1-15

Preclinical toxic effects of manganese in workers from a Mn salts and oxides producing plant. Roels H, et al. **Sci Total Environ** 1985 Mar 15;42(1-2):201-6

Effects of high doses of manganese on carbohydrate homeostasis. Baly DL, et al. **Toxicol Lett** 1985 Apr; 25(1):95-102

The acute toxicity of cyclopentadienyl manganese tricarbonyl in the rat. Penney DA, et al. **Toxicology** 1985 Mar 29;34(4):341-7

[Sanitary-toxicological evaluation of manganese intake from drinking water] Gol'dina IR, et al. **Gig Sanit** 1984 Nov; (11):80-1 **(Rus)**

[Experimental substantiation of the maximum permissible exposure level of manganese dioxide in the air] Pazynich VM, et al. **Gig Sanit** 1984 Dec;(12):53-5 **(Rus)**

MANGE see **MITE INFESTATIONS**

MANGE, SARCOPTIC see **SCABIES**

MANIA see **MANIC DISORDER**

MANIC-DEPRESSIVE PSYCHOSIS see **BIPOLAR DISORDER**

MANIC DISORDER

BLOOD

Biochemical RBC abnormalities in drug-free and lithium-treated manic patients. Jope RS, et al. **Am J Psychiatry** 1985 Mar;142(3):356-8

DST in mania:prolonged suppression? [letter] Bhadrinath B, et al. **Br J Psychiatry** 1984 Nov;145:555-6

Plasma cortisol levels in mania: associated clinical ratings and changes during treatment with haloperidol. Cookson JC, et al. **Br J Psychiatry** 1985 May;146:498-502

Selective increase in plasma luteinising hormone concentrations in drug free young men with mania. Whalley LJ, et al. **Br Med J [Clin Res]** 1985 Jan 12; 290(6462):99-102

The neuroendocrinology of mania. Cookson JC. **J Affective Disord** 1985 May-Jun;8(3):233-41

Membrane abnormalities in the psychoses and affective disorders. Hitzemann R, et al. **J Psychiatr Res** 1984; 18(3):319-26

Erythrocyte differentiation of naturally occurring isotopic lithium abundances. Lieberman KW, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):145-6

CEREBROSPINAL FLUID

CSF neurochemistry in depressed, manic, and schizophrenic patients compared with that of normal controls. Gerner RH, et al. **Am J Psychiatry** 1984 Dec;141(12):1533-40

CHEMICALLY INDUCED

Alprazolam-induced mania: two clinical cases. Arana GW, et al. **Am J Psychiatry** 1985 Mar;142(3):368-9

Trazodone-induced mania following desipramine-induced mania in major depressive disorders [letter] Arana GW, et al. **Am J Psychiatry** 1985 Mar;142(3):386

L-Glutamine and mania [letter] Mebane AH. **Am J Psychiatry** 1984 Oct;141(10):1302-3

Three cases of manic symptoms following yohimbine administration. Price LH, et al. **Am J Psychiatry** 1984 Oct; 141(10):1267-8

Three case reports of acute paroxysmal excitement associated with alprazolam treatment. Strahan A, et al. **Am J Psychiatry** 1985 Jul;142(7):859-61

A second case of mania associated with fluoxetine [letter] Turner SM, et al. **Am J Psychiatry** 1985 Feb;142(2):274-5

Phenelzine-induced hypomania: effect of verapamil. Dubovsky SL, et al. **Biol Psychiatry** 1985 Sep;20(9):1009-14

Cyclosporin-associated mania [letter] Wamboldt FW, et al. **Biol Psychiatry** 1984 Jul;19(7):1161-2

Secondary mania associated with diltiazem [letter] Palat GK, et al. **Clin Cardiol** 1985 May;8(5):251

Secondary mania associated with diltiazem. Palat GK, et al. **Clin Cardiol** 1984 Nov;7(11):611-2

Androgen-induced hypomania [letter] Freinhar JP, et al. **J Clin Psychiatry** 1985 Aug;46(8):354-5

A case of mania secondary to propafenone. Jack RA. **J Clin Psychiatry** 1985 Mar;46(3):104-5

Alprazolam-induced manic switch [letter] Remick RA. **J Clin Psychiatry** 1985 Sep;46(9):406-7

Manic symptoms following addition of lithium to antidepressant treatment. Price LH, et al. **J Clin Psychopharmacol** 1984 Dec;4(6):361-2

Diuretic-induced lithium toxicity presenting as mania. Nurnberger JI Jr. **J Nerv Ment Dis** 1985 May;173(5):316-8

Treatment of metrizamide-induced mania. Israel JR, et al. **NC Med J** 1984 Dec;45(12):759

Mania in two patients following cyclobenzaprine. Harsch HH. **Psychosomatics** 1984 Oct;25(10):791-3

Propranolol-induced mania. Patterson JF. **South Med J** 1984 Dec;77(12):1603

COMPLICATIONS

Gilles de la Tourette syndrome and mania in an adolescent. Bleich A, et al. **Br J Psychiatry** 1985 Jun;146:664-5

Is mania incompatible with Down's syndrome? Sovner R, et al. **Br J Psychiatry** 1985 Mar;146:319-20

Symptomatic mania after minor head injury [letter] Khanna S, et al. **Can J Psychiatry** 1985 Apr;30(3):236-7

[Protracted maniacal disorders in schizophrenic children] Burelomova IV. **Zh Nevropatol Psikhiatr** 1984; 84(10):1538-43 (Eng. Abstr.) **(Rus)**

[Psychopathology and clinical picture of coupled affective paroxysms in schizophrenia] Katan EG. **Zh Nevropatol Psikhiatr** 1985;85(1):89-94 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Predictive value of the dexamethasone suppression test in mania. Godwin CD, et al. **Am J Psychiatry** 1984 Dec; 141(12):1610-2

Mania with emotional blunting: affective disorder or schizophrenia? Jampala VC, et al. **Am J Psychiatry** 1985 May;142(5):608-12

Confirmation of abnormal DST results in manic patients [letter] Poirier MF, et al. **Am J Psychiatry** 1985 Jul; 142(7):888

Meningeal cryptococcosis misdiagnosed as a manic episode. Thienhaus OJ, et al. **Am J Psychiatry** 1984 Nov; 141(11):1459-60

The dexamethasone suppression test in acute mania. Godwin CD. **J Affective Disord** 1984 Dec;7(3-4):281-6

The diagnosis of mania. Kendell RE. **J Affective Disord** 1985 May-Jun;8(3):207-13

Mania. Diagnosis, state measurement and prediction of treatment response. Secunda SK, et al. **J Affective Disord** 1985 Mar-Apr;8(2):113-21

Echocardiographic assessment of schizophrenics and manics: a reexamination of early necropsy findings. Coffman JA, et al. **J Nerv Ment Dis** 1985 Mar;173(3):179-81

Thought disorder. A function of schizophrenia, mania, or psychosis? Marengo J, et al. **J Nerv Ment Dis** 1985 Jan; 173(1):35-41

[The validation of diagnosis of manic-depressive disorder and reestimation of its admission rate] Yan SM. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Feb; 18(1):50-2 (Eng. Abstr.) **(Chi)**

[Catatonia and mania: report of a case] Yan WW. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):81-2 (Eng. Abstr.) **(Chi)**

[Manic decompensation] Lavoie JG. **Can J Psychiatry** 1985 Jun;30(4):270-3 (Eng. Abstr.) **(Fre)**

[Diagnosis of mania. Disease picture and its psychological, physical and social sequelae] Faust V, et al. **Fortschr Med** 1984 Aug 30;102(31-32):780-5 (Eng. Abstr.) **(Ger)**

[Comparative research on manic conditions between monopolar mania and manic-depressive disease] Sone K, et al. **Z Klin Psychol Psychopathol Psychother** 1984; 32(3):248-59 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Antimanic effects of verapamil. Giannini AJ, et al. **Am J Psychiatry** 1984 Dec;141(12):1602-3

Antimanic effects of clonidine and the endogenous opioid system [letter] Sandyk R. **Am J Psychiatry** 1985 Aug; 142(8):992-3

Lithium-carbamazepine neurotoxicity and risk factors. Shukla S, et al. **Am J Psychiatry** 1984 Dec;141(12):1604-6

Clonidine in the treatment of mania and mixed bipolar disorder. Zubenko GS, et al. **Am J Psychiatry** 1984 Dec; 141(12):1617-8

A controlled clinical trial of L-tryptophan in acute mania. Chouinard G, et al. **Biol Psychiatry** 1985 May;20(5):546-57

The effect of haloperidol on serum levels of lithium in adult manic patients. Schaffer CB, et al. **Biol Psychiatry** 1984 Oct;19(10):1495-9

Pharmacologic treatment of manic and depressive illness.

Ostow M. **Compr Ther** 1985 Jul;11(7):24-30
The use of sodium valproate, carbamazepine and oxcarbazepine in patients with affective disorders. Emrich HM, et al. **J Affective Disord** 1985 May-Jun;8(3):243-50
Lithium in the treatment of mania. Tyrer SP. **J Affective Disord** 1985 May-Jun;8(3):251-7
The neurochemistry of mania. The effect of lithium on catecholamines, indoleamines and calcium mobilization. Wood K. **J Affective Disord** 1985 May-Jun;8(3):215-23
Comparison of antimanic efficacy of clonidine and verapamil. Giannini AJ, et al. **J Clin Pharmacol** 1985 May-Jun;25(4):307-8
Use of clonazepam in two cases of acute mania. Freinhar JP, et al. **J Clin Psychiatry** 1985 Jan;46(1):29-30
Inpatient clinical trial of lorazepam for the management of manic agitation. Modell JG, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):109-13
The role of sodium valproate as an anti-manic agent. Prasad AJ. **Pharmatherapeutica** 1984;4(1):6-8
[Carbamazepine in manic syndromes. A controlled double-blind study] Gonçalves N, et al. **Nervenarzt** 1985 Jan;56(1):43-7 **(Ger)**
[Parenteral form of pipothiazine in the treatment of endogenous psychoses] Matkowski K, et al. **Psychiatr Pol** 1984 Nov-Dec;18(6):567-70 (Eng. Abstr.) **(Pol)**
[Clinical use of lithium salts] Szwed W, et al. **Wiad Lek** 1985 Mar 15;38(6):432-6 (Eng. Abstr.) **(Pol)**

ETIOLOGY

Light-induced hypomania [letter] Pande AC. **Am J Psychiatry** 1985 Sep;142(9):1126
Funeral mania and lithium prophylaxis [letter] Berlin RM, et al. **J Clin Psychiatry** 1985 Mar;46(3):111
New psychopathologic findings in AIDS: case report. Kermani EJ, et al. **J Clin Psychiatry** 1985 Jun;46(6):240-1
Mania resulting from brain stem tumor. Greenberg DB, et al. **J Nerv Ment Dis** 1985 Jul;173(7):434-6
Organic manic disorders. Stasiek C, et al. **Psychosomatics** 1985 May;26(5):394-6, 399, 402
Influenza and mania: a possible connection with the locus ceruleus. Maurizi CP. **South Med J** 1985 Feb;78(2):207-9
A mechanism of mania and the chemistry of dreams: a hypothesis. Maurizi CP. **South Med J** 1984 Dec;77(12):1491-3 (31 ref.)

FAMILIAL & GENETIC

Mania in two sisters with similar cerebellar disturbance. Yadalam KG, et al. **Am J Psychiatry** 1985 Sep;142(9):1067-9

METABOLISM

The influence of mania and depression on the pharmacokinetics of lithium. A longitudinal single-case study. Kukopoulos A, et al. **J Affective Disord** 1985 Mar-Apr;8(2):159-66
Trace elements in manic depressive psychosis. Naylor GJ, et al. **J Affective Disord** 1985 Mar-Apr;8(2):131-6

PHYSIOPATHOLOGY

Statistical quantitative EEG studies of depression, mania, schizophrenia and normals. Flor-Henry P, et al. **Biol Psychol** 1984 Dec;19(3-4):257-79

PREVENTION & CONTROL

Lithium prophylaxis of recurrent affective disorders. Glen AI. **J Affective Disord** 1985 May-Jun;8(3):259-65

PSYCHOLOGY

Associative response bias and severity of thought disorder in schizophrenia and mania. Sengel RA, et al. **J Clin Psychol** 1984 Jul;40(4):889-92
Reality monitoring in mania and schizophrenia. The association of thought disorder and performance. Harvey PD. **J Nerv Ment Dis** 1985 Feb;173(2):67-73
[Computer-assisted qualitative study of states of excitement] Marchais P, et al. **Ann Med Psychol (Paris)** 1985 Jan;143(1):74-84 **(Fre)**

THERAPY

Manic symptoms: an indication for bilateral ECT. Small JG, et al. **Biol Psychiatry** 1985 Feb;20(2):125-34

MANIC STATE see **MANIC DISORDER**

MANIFEST ANXIETY SCALE see under **PERSONALITY INVENTORY**

MANIKINS see under **MODELS, ANATOMIC**

MANIOC see **CASSAVA**

MANIPULATION, ORTHOPEDIC

Comparison of local anaesthetic techniques in the reduction of Colles' fracture. Wardrope J, et al. **Arch Emerg Med** 1985 Jun;2(2):67-72
Upper thoracic back pain. **Aust Fam Physician** 1985 Jun;14(6):583
Low back pain. **Aust Fam Physician** 1985 Jul;14(7):710
Passive motion therapy for infants with arthrogryposis. Palmer PM, et al. **Clin Orthop** 1985 Apr;(194):54-9
The acutely locked knee--is a manipulation worth while? Critchley IJ, et al. **Injury** 1985 Jan;16(4):281-3
Possible complications of using naloxone as an internal opiate antagonist in the investigation of the role of endorphins in osteopathic manipulative treatment. Payson SM, et al. **J Am Osteopath Assoc** 1984 Sep;84(1 Suppl):152-6
Clinical trials of spinal manipulation: a critical appraisal and review of the literature. Brunarski DJ. **J Manipulative Physiol Ther** 1984 Dec;7(4):243-9 (97 ref.)
Acute locked facet syndrome and its treatment by manipulation under local periarticular anesthesia--Part I: Clinical perspective and pilot study proposal. Wood L. **J Manipulative Physiol Ther** 1984 Dec;7(4):211-7
Lateral rotary manipulative maneuver in the treatment of subluxation and synovial entrapment of lumbar facet joints. Cui GF, et al. **J Tradit Chin Med** 1984 Sep;4(3):211-2
235 cases of frozen shoulder treated by manipulation and massage. Li ZM. **J Tradit Chin Med** 1984 Sep;4(3):213-5
Study on cervical visual disturbance and its manipulative treatment. Zhang CJ, et al. **J Tradit Chin Med** 1984 Sep;4(3):205-10
Controlled comparison of short-wave diathermy treatment with osteopathic treatment in non-specific low back pain. Gibson T, et al. **Lancet** 1985 Jun 1;1(8440):1258-61
An open study of diflunisal, conservative and manipulative therapy in the management of acute mechanical low back pain. Waterworth RF, et al. **NZ Med J** 1985 May 22;98(779):372-5
Inferior turbinate fracture in the treatment of congenital nasolacrimal duct obstruction and congenital nasolacrimal duct anomaly. Wesley RE. **Ophthalmic Surg** 1985 Jun;16(6):368-71
Wedge maneuver message [letter] Fernando CK. **Phys Ther** 1985 Sep;65(9):1399-400
[Manual medicine and the extremities: treatment principles] Roex J. **Acta Belg Med Phys** 1984 Jul-Sep;7(3):75-9 **(Dut)**
[Early postoperative mobilization of the knee joint following arthrolysis with continuous catheter peridural anesthesia] Seeling W, et al. **Reg Anaesth** 1985 Jan;8(1):1-4 (Eng. Abstr.) **(Ger)**
[Manual therapy of patients with lumbar osteochondrosis with neurologic syndromes] Drobinskii AD, et al. **Zh Nevropatol Psikhiatr** 1985;85(4):525-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Slipped distal femoral epiphyseal plate following closed manipulation of the knee. A case report. Friedman MJ, et al. **Am J Sports Med** 1985 May-Jun;13(3):201-3
Anterior compartment syndrome in a patient with fracture of the tibial plateau treated by continuous passive motion and anticoagulants. Report of a case. Graham B, et al. **Clin Orthop** 1985 May;(195):197-9
Myositis ossificans of the thigh following manipulation of the knee. A case report. Ivey M. **Clin Orthop** 1985 Sep;(198):102-5
Vascular ischemia of the cervical spine: a review of relationship to therapeutic manipulation. Crawford JP, et al. **J Manipulative Physiol Ther** 1984 Sep;7(3):149-55
Neck manipulation causing stroke. Case reports. Fritz VU, et al. **S Afr Med J** 1984 Dec 1;66(22):844-6
[Cerebrovascular insults caused by manipulation of the cervical spine] Nielsen AA. **Ugeskr Laeger** 1984 Oct 22;146(43):3267-70 (Eng. Abstr.) **(Dan)**
[Side effects and contraindications of manual therapy in the area of the cervical spine] Bayerl JR, et al. **Nervenarzt** 1985 Apr;56(4):194-9 **(Ger)**

EDUCATION

Doctors, physiotherapists, chiropractors and the issue of spinal manipulation. Murtagh J. **Aust Fam Physician** 1985 Jul;14(7):605

HISTORY

Louisa Burns Memorial Lecture: Re--search. Northup GW. **J Am Osteopath Assoc** 1984 Sep;84(1):67-70

METHODS

Manipulation and pain tolerance. A controlled study of the effect of spinal manipulation on paraspinal cutaneous pain tolerance levels. Terrett AC, et al. **Am J Phys Med** 1984 Oct;63(5):217-25
Posterior dislocation of the elbow. A simplified method of closed reduction. Hankin FM. **Clin Orthop** 1984 Nov;(190):254-6
Osseous configurations of the axial skeleton: Specific application to spatial relationship of vertebrae [letter] Khalsa PS. **J Manipulative Physiol Ther** 1984 Sep;7(3):184-5
[Study on the mechanism of pulling and shaking manipulation in the treatment of lateral condyle humerus fracture] Kong FJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):411-3 (Eng. Abstr.) **(Chi)**
[Incidence of painful pronation in pediatric traumatology] Torretta F, et al. **Chir Ital** 1982 Jun;34(3):469-75 (Eng. Abstr.) **(Ita)**
[Bloodless treatment of patellar instability; author's experience] Villa I, et al. **Chir Ital** 1982 Jun;34(3):483-91 (Eng. Abstr.) **(Ita)**
[Manual therapy in the management of neurologic syndromes in cervical osteochondrosis] Serga VV. **Ortop Travmatol Protez** 1985 Mar;(3):37-9 (Eng. Abstr.) **(Rus)**

MANNANS

Mode of rat cecal enlargement induced by a short-term feeding on glucomannan. Konishi F, et al. **Jpn J Exp Med** 1984 Jun;54(3):139-42
The effect of autoclaving and enzyme supplementation of guar meal on the performance of chicks and laying hens. Patel MB, et al. **Poult Sci** 1985 Jun;64(6):1148-56

ADMINISTRATION & DOSAGE

Low-dose guar improves diabetic control. Jones DB, et al. **J R Soc Med** 1985 Jul;78(7):546-8
[Guar gum in the treatment of diabetes and hypercholesterolemia] Uusitupa M, et al. **Duodecim** 1985;101(6):571-7 **(Fin)**

ANALYSIS

Electron microscopic study of purified polysaccharide components glucans and mannan of the cell walls in the yeast Saccharomyces cerevisiae. Kopecká M. **J Basic Microbiol** 1985;25(3):161-74
Structure of the cell wall proteogalactomannan from Neurospora crassa. II. Structural analysis of the polysaccharide part. Nakajima T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1013-20
Formation of (1----2)-linked beta-D-mannopyranan by Leishmania mexicana amazonensis: relationship with certain Crithidia and Herpetomonas species. Previato JO, et al. **J Parasitol** 1984 Jun;70(3):449-50

ANTAGONISTS & INHIBITORS

Inhibition by succinyl concanavalin A of strong adjuvant activity of lipopolysaccharides which possess mannans as the O-specific polysaccharide chains. Kido N, et al. **Cell Immunol** 1985 May;92(2):328-37

IMMUNOLOGY

Potent adjuvant action of lipopolysaccharides possessing the O-specific polysaccharide moieties consisting of mannans in antibody response against protein antigen. Kido N, et al. **Cell Immunol** 1985 Mar;91(1):52-9
Serologic analysis of antigen-specific reactivity in patients with systemic candidiasis. Au-Young JK, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):419-32
Immunochemical properties of mannan-protein complex isolated from viable cells of Saccharomyces cerevisiae 4484-24D-1 mutant strain by the action of zymolyase. Shibata N, et al. **Microbiol Immunol** 1984;28(12):1283-92
Galactofuranosyl groups are immunodominant in Aspergillus fumigatus galactomannan. Bennett JE, et al. **Mol Immunol** 1985 Mar;22(3):251-4
Studies on artificial oligosaccharide-protein antigens: induction of precipitating antibodies to defined epitopes on natural and synthetic dextrans and mannans. Richter AW, et al. **Mol Immunol** 1985 Jan;22(1):29-36
Further studies on the immunoelectronmicroscopic localization of polysaccharide antigens on ultra-thin sections of Candida albicans. Takamiya H, et al. **Mykosen** 1985 Jan;28(1):17-32

ISOLATION & PURIFICATION

Structure of the cell wall proteogalactomannan from Neurospora craasa. I. Purification of the proteoheteroglycan and characterization of alkali-labile oligosaccharides. Nakajima T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1005-11

METABOLISM

Isolation and characterization of mannan-binding proteins from chicken liver. Oka S, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):95-105
Interactions of soya-bean agglutinin with purified glycoconjugates and soya-bean seed components. Bond HM, et al. **Biochem J** 1985 May 15;228(1):127-36
Purification and characterization of two alpha-galactosidases associated with catabolism of guar gum and other alpha-galactosides by Bacteroides ovatus. Gherardini F, et al. **J Bacteriol** 1985 Feb;161(2):500-6
Isolation of a Candida albicans mutant with reduced content of cell wall mannan and deficient mannan phosphorylation. Shimokawa O, et al. **Sabouraudia** 1984;22(4):315-21

PHARMACODYNAMICS

Does guar gum improve post-prandial hyperglycaemia in humans by reducing small intestinal contact area? Blackburn NA, et al. **Br J Nutr** 1984 Sep;52(2):197-204
Effect of dietary supplements of guar gum and cellulose on intestinal cell proliferation, enzyme levels and sugar transport in the rat. Johnson IT, et al. **Br J Nutr** 1984 Nov;52(3):477-87
Effect of guar gum on nitrogen secretion into isolated loops

of jejunum in conscious growing pigs. Low AG, et al. **Br J Nutr** 1984 Nov;52(3):499-505

Effect of guar gum on glucose and water absorption from isolated loops of jejunum in conscious growing pigs. Rainbird AL, et al. **Br J Nutr** 1984 Nov;52(3):489-98

Role of gastrointestinal transit in the delay of absorption by viscous fibre (guar). Lembcke B, et al. **Hepatogastroenterology** 1984 Aug;31(4):183-6

Effect of glucomannan on obese patients: a clinical study. Walsh DE, et al. **Int J Obes** 1984;8(4):289-93

Mouse peritoneal macrophages plated on mannan- and horseradish peroxidase-coated substrates lose the ability to phagocytose by their Fc receptors. Sung SS, et al. **J Immunol** 1985 Jun;134(6):3712-7

In vitro cytolysis of MM46 tumor cells by mouse phagocytes activated by acidic mannan fraction of bakers' yeast. Hashimoto K, et al. **J Pharmacobiodyn** 1984 Jul;7(7):472-8

Cytolytic effect of macrophages and polymorphonuclear leukocytes treated with acidic fraction of bakers' yeast mannan against MM46 tumor cells in vitro. Sakai K, et al. **J Pharmacobiodyn** 1984 Dec;7(12):943-50

Guar by-product improves carbohydrate tolerance in rats. Chiu SS, et al. **Metabolism** 1985 May;34(5):481-5

The effect of guar gum and fiber-enriched wheat bran on gastric emptying of a semisolid meal in healthy subjects. Rydning A, et al. **Scand J Gastroenterol** 1985 Apr;20(3):330-4

THERAPEUTIC USE

Effects of guar gum on plasma lipoproteins and apolipoproteins C-II and C-III in patients affected by familial combined hyperlipoproteinemia. Bosello O, et al. **Am J Clin Nutr** 1984 Dec;40(6):1165-74

Reduction in symptoms after proximal selective vagotomy through increased dietary viscosity. Harju E, et al. **Am J Gastroenterol** 1984 Nov;79(11):861-3

Guar gum benefits duodenal ulcer patients by decreasing gastric acidity and rate of emptying of gastric contents 60 to 120 minutes postprandially. Harju E. **Am Surg** 1984 Dec;50(12):668-72

Long term effects of guar gum on metabolic control, serum cholesterol and blood pressure levels in type 2 (non-insulin-dependent) diabetic patients with high blood pressure. Uusitupa M, et al. **Ann Clin Res** 1984;16 Suppl 43:126-31

Flattening postprandial blood glucose responses with guar gum: acute effects. McIvor ME, et al. **Diabetes Care** 1985 May-Jun;8(3):274-8

The preparation and use of guar bread in diet therapy. Hill MA, et al. **Hum Nutr Appl Nutr** 1984 Jun;38(3):227-8

Effect of guar gum added to the diet of patients with duodenal ulcer. Harju EJ, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug;9(4):496-500

[Active nonspecific immunotherapy with the fungus cell wall polysaccharide 'mannozym' in acute lymphatic leukemia in childhood] Zastrow J. **Padiatr Grenzgeb** 1985;24(3):229-36 (Eng. Abstr.) **(Ger)**

TOXICITY

Long-term ingestion of guar gum is not toxic in patients with noninsulin-dependent diabetes mellitus. McIvor ME, et al. **Am J Clin Nutr** 1985 May;41(5):891-4

Pyrogenicity of yeast mannans in rabbits. Nagase T, et al. **Microbiol Immunol** 1984;28(6):651-7

Lethal effect of neutral mannan fraction of bakers' yeast in mice. Nagase T, et al. **Microbiol Immunol** 1984;28(9):997-1007

MANNICH BASES see under **AMINES**

MANNITOL

Cold ischemic arrest: comparison of calcium-free and calcium-containing solutions. Hendriks FF, et al. **Ann Thorac Surg** 1985 Apr;39(4):312-7

Mannitol as an OH. scavenger in aqueous solutions and in biological systems. Goldstein S, et al. **Int J Radiat Biol** 1984 Dec;46(6):725-9

[The effect of CoQ10 administration for the myocardial protection of coronary perfusion with cold lactated Ringer's solution plus mannitol] Takimoto M, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):550-5 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Feedback control of intracranial pressure using mannitol. Larnard DJ, et al. **Ann Biomed Eng** 1985;13(3-4):227-35

Preservation of myocardial function with mannitol reperfusate. Ouriel K, et al. **Circulation** 1985 Sep;72(3 Pt 2):II254-8

[Prospective study of preparation for colon double-contrast studies with enemas compared to oral mannitol/Na-picosulfate administration with the same diet] Blasel U, et al. **Radiologe** 1984 Nov;24(11):520-3 (Eng. Abstr.) **(Ger)**

[Mannitol in the preparation of the colon for diagnostic and operative endoscopy] Noya G, et al. **Minerva Dietol Gastroenterol** 1984 Oct-Dec;30(4):397-9 (Eng. Abstr.) **(Ita)**

[Use of gastrointestinal dialysis in the treatment of chronic renal failure] Bubiński R, et al. **Wiad Lek** 1984 Sep 15;37(18):1421-5 (19 ref.) (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Hypotensive effect of mannitol administered rapidly. Domaingue CM, et al. **Anaesth Intensive Care** 1985 May;13(2):134-6

Acute renal failure following massive mannitol infusion. Appropriate response of tubuloglomerular feedback? Goldwasser P, et al. **Arch Intern Med** 1984 Nov;144(11):2214-6

Acute renal failure associated with mannitol intoxication. Report of a case. Whelan TV, et al. **Arch Intern Med** 1984 Oct;144(10):2053-5

Immediate hypersensitivity to mannitol: a potential cause of apparent hypersensitivity to cisplatin [letter] Ackland SP, et al. **Cancer Treat Rep** 1985 May;69(5):562-3

Hypersensitivity reaction to mannitol. McNeill IY. **Drug Intell Clin Pharm** 1985 Jul-Aug;19(7-8):552-3

Mannitol-induced renal insufficiency. Gutschenritter PW, et al. **Wis Med J** 1985 May;84(5):16-7

[Blood coagulation testing during intraoperative anti-edema therapy in neurosurgery] Mazzarella B, et al. **Minerva Anestesiol** 1984 Dec;50(12):601-6 (Eng. Abstr.) **(Ita)**

ANALOGS & DERIVATIVES

Separation of metabolically radiolabeled O-methylmannitols and O-methylfucitol by reverse-phase high-performance liquid chromatography: applications to animal cell oligosaccharide structural analysis. Szilagyi PJ, et al. **Anal Biochem** 1985 Jul;148(1):260-7

Inhibition of gluconeogenesis by 2,5-anhydro-D-mannitol in isolated rat hepatocytes. Stevens HC, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):502-6

Inhibition by 2,5-anhydromannitol of glycolysis in isolated rat hepatocytes and in Ehrlich ascites cells. Riquelme PT, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):78-82

DIAGNOSTIC USE

Cellobiose/mannitol test: physiological properties of probe molecules and influence of extraneous factors. Cobden I, et al. **Clin Chim Acta** 1985 May 15;148(1):53-62

Cellobiose/mannitol sugar permeability test complements biopsy histopathology in clinical investigation of the jejunum. Strobel S, et al. **Gut** 1984 Nov;25(11):1241-6

METABOLISM

Pump and leak in regulation of fluid transport in rabbit cornea. Riley M. **Curr Eye Res** 1985 Apr;4(4):371-6

Altered jejunal permeability to macromolecules during viral enteritis in the piglet. Keljo DJ, et al. **Gastroenterology** 1985 Apr;88(4):998-1004

Comparison of the vascular permeability of the brain and the spinal cord to mannitol and inulin in rats. Daniel PM, et al. **J Neurochem** 1985 Aug;45(2):647-9

Short-term effect of 4% hypertonic glucose as compared to 4% mixed hypertonic mannitol solution in conventional peritoneal dialysis. Phanichphant S, et al. **Nephron** 1985;40(3):322-8

Some features of coagulase positive staphylococci from bovine milk. 1. Carbohydrate metabolism: comparison of conventional techniques and the API 50 CH system. Erasmus JA. **Onderstepoort J Vet Res** 1985 Mar;52(1):25-9

PHARMACODYNAMICS

Dynamics of renal excretory function after furosemide or ethacrynic acid administration to unanaesthetized dogs after mannitol infusion or chronic renal denervation. Girchev R, et al. **Acta Physiol Hung** 1985;65(2):137-48

Acute response of urinary N-acetyl-beta-D-glucosaminidase to mannitol infusion in the dog. Brouhard BH, et al. **Am J Med Sci** 1985 Jul;290(1):11-4

Effects of hyperosmotic solutions on endolymphatic pressure. Yoshida M, et al. **Am J Otolaryngol** 1985 Jul-Aug;6(4):297-301

The effect of optic nerve transection upon the hypotensive action of ascorbate and mannitol. Lam KW, et al. **Ann Ophthalmol** 1980 Sep;12(9):1102-4

Intracoronary hyperosmotic mannitol during reperfusion does not affect infarct size in ischemic, reperfused porcine hearts. Klein HH, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):251-9

Computed tomographic analysis of the effects of hyperosmolar mannitol and methylprednisolone on myocardial infarct size. Slutsky RA, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):273-9

Differential response of urinary N-acetyl-beta-D-glucosaminidase to two osmotic diuretics in the dog. Rowe JL, et al. **J Lab Clin Med** 1985 Jun;105(6):731-6

Metabolic effects in rats of high oral doses of galactitol, mannitol and xylitol. Mäkinen KK, et al. **J Nutr** 1985 Jul;115(7):890-9

Measurement of viable ADSOL-preserved human red cells [letter] **N Engl J Med** 1985 May 23;312(21):1391-3

Comparison between mannitol and saline infusion in HgCl2-induced acute renal failure. Vanholder R, et al. **Nephron** 1984;38(3):193-201

Learned aversion to mannitol in water-deprived rats. Bardos G, et al. **Physiol Behav** 1984 Oct;33(4):533-6

Chemiluminescence in hypoxic brain--the second report: cerebral protective effect of mannitol, vitamin E and glucocorticoid. Suzuki J, et al. **Stroke** 1985 Jul-Aug;16(4):695-700

[Hemodynamic effects of the combination Maniprus (mannitol and naniprus) via venous infusion] Iakimova K, et al. **Eksp Med Morfol** 1985;24(1):20-3 (Eng. Abstr.) **(Bul)**

[effect of manniprus (mannitol and naniprus) on the blood pressure of rats] Klouchek E, et al. **Eksp Med Morfol** 1984;23(4):222-5 (Eng. Abstr.) **(Bul)**

[Multivariate analysis of the effects of diuretics, muscle relaxants and anesthesia on urine volume] Miyake T, et al. **Masui** 1985 Jun;34(6):792-8 (Eng. Abstr.) **(Jpn)**

[Chemiluminescence on hypoxic brain--the 2nd report: cerebral protective effect of mannitol, vitamin E and betamethasone] Imaizumi S, et al. **No To Shinkei** 1985 Feb;37(2):161-8 (Eng. Abstr.) **(Jpn)**

[Blood-brain barrier opening microcirculation in human brain tumor] Sato S, et al. **No To Shinkei** 1985 Feb;37(2):109-13 (Eng. Abstr.) **(Jpn)**

[The mechanism of intracranial pressure-reducing effect of mannitol] Takagi H, et al. **No To Shinkei** 1984 Nov;36(11):1095-102 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Prevention of acute tubular necrosis in cadaveric kidney transplantation by the combined use of mannitol and moderate hydration. Tiggeler RG, et al. **Ann Surg** 1985 Feb;201(2):246-51

The University of Toronto head injury treatment study: a prospective, randomized comparison of pentobarbital and mannitol. Schwartz ML, et al. **Can J Neurol Sci** 1984 Nov;11(4):434-40

Effect of mannitol on cerebral blood flow and cerebral perfusion pressure in human head injury. Mendelow AD, et al. **J Neurosurg** 1985 Jul;63(1):43-8

Osmotic blood-brain barrier modification and combination chemotherapy: concurrent tumor regression in areas of barrier opening and progression in brain regions distant to barrier opening. Neuwelt EA, et al. **Neurosurgery** 1984 Sep;15(3):362-6

Hyponatremia in the syndrome of inappropriate secretion of antidiuretic hormone: rapid correction with osmotic agents. Weinberg MS, et al. **South Med J** 1985 Mar;78(3):348-51

[Clinical application of diuretics: acute kidney failure] Honda N. **Nippon Rinsho** 1984 Sep;42(9):2064-8 (39 ref.) **(Jpn)**

[Effect of mannitol on the intracranial volume/pressure ratio in patients with severe forms of cerebral insult] Solov'ev OI. **Anesteziol Reanimatol** 1984 Jul-Aug;(4):12-4 (Eng. Abstr.) **(Rus)**

[Effect of nitroprusside, nitroglycerin, propranolol and mannitol on the size of a myocardial infarct] Orlov VN, et al. **Kardiologiia** 1985 Apr;25(4):17-20 (Eng. Abstr.) **(Rus)**

[Prevention of lymphogenous tumor metastasis (experimental-clinical study)] Levin IuM, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):95-8 (Eng. Abstr.) **(Rus)**

TOXICITY

[Lens opacities in pars plana vitrectomy: experimental studies on the effect of the infusion solution] Mester U, et al. **Fortschr Ophthalmol** 1984;81(3):298-300 (Eng. Abstr.) **(Ger)**

MANNITOL NITROGEN MUSTARD see **MANNOMUSTINE**

MANNITOL PHOSPHATES see under **SUGAR PHOSPHATES**

MANNOHEPTULOSE see under **HEPTOSES**

MANNOMUSTINE

PHARMACODYNAMICS

[Effect of cyclophosphane, chlorbutin and degranol on protein biosynthesis in the lymphocytes of donors and chronic lympholeukemia patients in vitro] Morozova EO. **Eksp Onkol** 1985;7(1):52-5 (Eng. Abstr.) **(Rus)**

MANNOSE

Changes in asparagine-linked sugar chains of human promyelocytic leukemic cells (HL-60) during monocytoid differentiation and myeloid differentiation. Appearance of high mannose-type oligosaccharides in neutral fraction. Mizoguchi A, et al. **J Biol Chem** 1984 Oct 10;259(19):11943-8

ANALOGS & DERIVATIVES

Interaction of hydrophobic bis (D-mannose) derivatives with adipocyte and erythrocyte sugar transport systems. Parkar BA, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):103-10

ANALYSIS

Application of microcomputers to the interpretation of high-resolution nuclear magnetic resonance spectra of asparagine-linked oligosaccharides: evaluation of high-mannose structures. Anderson DR, et al.

Anal Biochem 1985 Apr;146(1):13-22

Optimizing hydrolysis of N-linked high-mannose oligosaccharides by endo-beta-N-acetylglucosaminidase H. Trimble RB, et al. **Anal Biochem** 1984 Sep;141(2):515-22

Two forms of acid alpha-D-mannosidase in monkey brain: evidence for the co-existence of high mannose and complex oligosaccharides in one form. Mathur R, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1185-93

Purification and characterization of a mannose-containing disaccharide obtained from human pregnancy urine. A new immunoregulatory saccharide. Muchmore AV, et al. **J Exp Med** 1984 Dec 1;160(6):1672-85

Further studies on the surface saccharides in Trichomonas vaginalis strains by fluorescein-conjugated lectins. Choromański L, et al. **Z Parasitenkd** 1985;71(4):443-58

METABOLISM

Interactions of concanavalin A with a trimannosyl oligosaccharide fragment of complex and high mannose type glycopeptides. Brewer F, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1066-71

Glycosylation and processing of high-mannose oligosaccharides of thyroid-stimulating hormone subunits: comparison to nonsecretory cell glycoproteins. Ronin C, et al. **Biochemistry** 1984 Sep 25;23(20):4503-10

Anomeric specificity of mannose phosphorylation by hexokinase. Giroix MH, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):354-7

Phosphorylated high mannose-type and hybrid-type oligosaccharide chains of human thyroglobulin isolated from malignant thyroid tissue. Yamamoto K, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):84-91

Mannose-specific oligosaccharide recognition by mononuclear phagocytes. Stahl PD, et al. **Biol Cell** 1984; 51(2):215-8

Development of specific surface receptors recognizing mannose-terminal glycoconjugates in cultured monocytes: a possible early marker for differentiation of monocyte into macrophage. Kataoka M, et al. **Exp Hematol** 1985 Jan; 13(1):44-50

3-O-methylation of mannose residues. A novel reaction in the processing of N-linked oligosaccharides occurring in Mucor rouxii. Lederkremer GZ, et al. **J Biol Chem** 1984 Oct 25;259(20):12514-8

Dexamethasone increases expression of mannose receptors and decreases extracellular lysosomal enzyme accumulation in macrophages. Shepherd VL, et al. **J Biol Chem** 1985 Jan 10;260(1):160-4

Uptake and transport of mannosylated ligands by alveolar macrophages. Studies on ATP-dependent receptor-ligand dissociation. Wileman T, et al. **J Biol Chem** 1985 Jun 25; 260(12):7387-93

Mannose inhibition of Escherichia coli adherence to urinary bladder epithelium: comparison with yeast agglutination. Ruggieri MR, et al. **Urol Res** 1985;13(2):79-84

PHARMACODYNAMICS

Preference of glucokinase for the alpha anomer of hexose: relation to alpha-anomer preference in hexose-induced insulin release by pancreatic islets. Miwa I, et al. **Biochem Int** 1983 Oct;7(4):449-54

Protection against thermal cell death in Chinese hamster ovary cells by glucose, galactose, or mannose. Henle KJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5499-504

Suppression of kinetic cooperativity of hexokinase D (glucokinase) by competitive inhibitors. A slow transition model. Cardenas ML, et al. **Eur J Biochem** 1984 Nov 15; 145(1):163-71

Inhibitory effects of mannose and N-acetylneuraminic acid on the envelope and the adherence of a Neisseria gonorrhoeae isolate to rabbit mesentery. Jacques M, et al. **Exp Biol** 1985;43(4):257-62

Cloning and characterization of genes involved in production of mannose-resistant, neuraminidase-susceptible (X) fimbriae from a uropathogenic O6:K15:H31 Escherichia coli strain. Hacker J, et al. **Infect Immun** 1985 Feb; 47(2):434-40

Population shift in mannose-specific fimbriated phase of Klebsiella pneumoniae during experimental urinary tract infection in mice. Maayan MC, et al. **Infect Immun** 1985 Sep;49(3):785-9

Purification and characterization of Haemophilus influenzae pili, and their structural and serological relatedness to Escherichia coli P and mannose-sensitive pili. Guerina NG, et al. **J Exp Med** 1985 Jan 1;161(1):145-59

Relationships among broad-spectrum and narrow-spectrum mannose-resistant fimbrial hemagglutinins in different Yersinia species. Old DC, et al. **Microbiol Immunol** 1984; 28(12):1303-11

TOXICITY

Fuel-mediated teratogenesis. Use of D-mannose to modify organogenesis in the rat embryo in vivo. Buchanan T, et al. **J Clin Invest** 1985 Jun;75(6):1927-34

The honeybee syndrome: teratogenic effects of mannose during organogenesis in rat embryo culture. Freinkel N, et al. **Trans Assoc Am Physicians** 1983;96:44-55

MANNOSEPHOSPHATE ISOMERASE see under **CARBOHYDRATE ISOMERASES**

MANNOSEPHOSPHATES see under **HEXOSEPHOSPHATES**

MANNOSIDASES

The removal of carbohydrates from ricin with endoglycosidases H, F and D and alpha-mannosidase. Foxwell BM, et al. **Biochim Biophys Acta** 1985 Jun 18; 840(2):193-203

ANALYSIS

Prenatal diagnosis of glycogenosis type II (Pompe's disease) using chorionic villi biopsy. Besançon AM, et al. **Clin Genet** 1985 May;27(5):479-82

ANTAGONISTS & INHIBITORS

Marked differences in the swainsonine inhibition of rat liver lysosomal alpha-D-mannosidase, rat liver Golgi mannosidase II, and jack bean alpha-D-mannosidase. Tulsiani DR, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):427-34

Inhibitors of oligosaccharide processing. Fuhrmann U, et al. **Biochim Biophys Acta** 1985 Jun 24;825(2):95-110 (106 ref.)

Locoweed-induced neuronal storage disease characterized by meganeurite formation. Walkley SU, et al. **Brain Res** 1984 Dec 17;324(1):145-50

Mechanism and regulation of protein turnover: effect of the alpha-mannosidase inhibitor, swainsonine, on glycoprotein degradation. Segal HL, et al. **Curr Top Cell Regul** 1984; 24:229-49

Secretion of high-mannose-type alpha 1-proteinase inhibitor and alpha 1-acid glycoprotein by primary cultures of rat hepatocytes in the presence of the mannosidase I inhibitor 1-deoxymannojirimycin. Gross V, et al. **Eur J Biochem** 1985 Jul 1;150(1):41-6

BIOSYNTHESIS

Regulation of lysosomal alpha-mannosidase-1 synthesis during development in Dictyostelium discoideum. Livi GP, et al. **Dev Biol** 1985 Aug;110(2):514-20

Biosynthesis and modification of Golgi mannosidase II in HeLa and 3T3 cells. Moremen KW, et al. **J Biol Chem** 1985 Jun 10;260(11):6654-62

DEFICIENCY

Beta-mannosidosis: prenatal biochemical and morphological characteristics. Jones MZ, et al. **J Inherited Metab Dis** 1984;7(2):80-5

GENETICS

Changes in the post-translational modification of lysosomal enzymes during development of Dictyostelium. Moore BR, et al. **Differentiation** 1985;29(1):7-13

Further regional localization of the genes for human acid alpha glucosidase (GAA), peptidase D (PEPD), and alpha mannosidase B (MANB) by somatic cell hybridization. Martiniuk F, et al. **Hum Genet** 1985;69(2):109-11

ISOLATION & PURIFICATION

Two forms of acid alpha-D-mannosidase in monkey brain: evidence for the co-existence of high mannose and complex oligosaccharides in one form. Mathur R, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1185-93

Purification and kinetic properties of guinea pig liver beta-mannosidase. Kyosaka S, et al. **Chem Pharm Bull (Tokyo)** 1985 Jan;33(1):256-63

METABOLISM

Direct enzyme transfer from lymphocytes corrects a lysosomal storage disease. Abraham D, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):417-25

The effect of 1-deoxymannojirimycin on rat liver alpha-mannosidases. Bischoff J, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):324-31

Plasma and submandibular saliva lysosomal enzymes in cystic fibrosis. Oglesbee LH, et al. **Clin Chim Acta** 1984 Nov 15; 143(2):135-45

Effect of chemical modification on placental alpha-mannosidase. Khan FA, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):203-5

Lysosomal enzymes in experimental focal ischaemia in primates. Nagarajan S, et al. **Indian J Med Res** 1985 Feb; 81:202-8

Maturation of alpha-mannosidase in Dictyostelium discoideum. Acquisition of endoglycosidase H resistance and sulfate. Cladaras MH, et al. **J Biol Chem** 1984 Nov 25;259(22):14165-9

Characterization of a specific alpha-mannosidase involved in oligosaccharide processing in Saccharomyces cerevisiae. Jelinek-Kelly S, et al. **J Biol Chem** 1985 Feb 25; 260(4):2253-7

Pathways involved in targeting and secretion of a lysosomal enzyme in Dictyostelium discoideum. Mierendorf RC Jr, et al. **J Cell Biol** 1985 May;100(5):1777-87

beta-Mannosidase in human leukocytes and fibroblasts. Panday RS, et al. **J Inherited Metab Dis** 1984;7(4):155-6

An assessment of acid-base balance and activity of lysosomal enzymes: mannosidase, b-galactosidase and b-glucosidase in CSF and arterial blood in early and later phases of the clinical course of cerebral contusion. Mrówka R. **Zentralbl Neurochir** 1985;46(1):62-8

PHARMACODYNAMICS

An exoglycosidase-sensitive triggering site on NK cells which is coupled to transmethylation of membrane phospholipids. Kiyohara T, et al. **J Immunol** 1985 Jul; 135(1):659-64

MANNOSIDES see under **GLYCOSIDES**

MANNOSIDOSIS

CHEMICALLY INDUCED

Ectopic dendritogenesis occurs on cortical pyramidal neurons in swainsonine-induced feline alpha-mannosidosis. Walkley SU, et al. **Brain Res** 1985 May;352(1):143-8

DIAGNOSIS

Beta-mannosidosis: prenatal biochemical and morphological characteristics. Jones MZ, et al. **J Inherited Metab Dis** 1984;7(2):80-5

METABOLISM

Direct enzyme transfer from lymphocytes corrects a lysosomal storage disease. Abraham D, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):417-25

Fluorescent labeling of carbohydrates and analysis by liquid chromatography. Comparison of derivatives using mannosidosis oligosaccharides. Coles E, et al. **Carbohydr Res** 1985 Jun 15;139:1-11

Swainsonine toxicosis mimics lectin histochemistry of mannosidosis. Alroy J, et al. **Vet Pathol** 1985 Jul; 22(4):311-6

PATHOLOGY

Axonal and myelin lesions in beta-mannosidosis: ultrastructural characteristics. Lovell KL, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):293-9

Locoweed-induced neuronal storage disease characterized by meganeurite formation. Walkley SU, et al. **Brain Res** 1984 Dec 17;324(1):145-50

URINE

Electron ionization mass spectra of reduced and permethylated urinary oligosaccharides from patients with mannosidosis. Jardine I, et al. **Biomed Mass Spectrom** 1984 Nov;11(11):562-8

VETERINARY

beta-Mannosidase in human leukocytes and fibroblasts. Panday RS, et al. **J Inherited Metab Dis** 1984;7(4):155-6

MANNOSYLTRANSFERASES see under **HEXOSYLTRANSFERASES**

MANOMETRY

Chronic constipation. Manometric patterns and surgical considerations. Mishalany HG, et al. **Arch Surg** 1984 Nov; 119(11):1257-9

Contribution of intraoperative biliary manometry for the diagnosis of bile duct stones. Castelfranchi PL, et al. **Braz J Med Biol Res** 1984;17(3-4):281-4

Manometric disorders in patients with suspected sphincter of Oddi dysfunction. Toouli J, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1243-50

Manometrically guided colon insufflation during double-contrast barium enemas. Short WF, et al. **Gastrointest Radiol** 1985;10(1):85-8

Manometric guidance in suction biopsy of the esophagus in children. Whitington PF, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):535-8

Sphincter of Oddi stenosis: diagnosis using hepatobiliary scintigraphy and endoscopic manometry. Lee RG, et al. **Radiology** 1985 Sep;156(3):793-6

The influence of measuring catheter diameter on direct manometry in the canine sphincter of Oddi. Funch-Jensen P, et al. **Scand J Gastroenterol** 1984 Oct;19(7):926-30

[Endoscopic papillary and bile duct manometry in evaluating the function of Vater's papilla. Studies on patients with cholecystolithiasis] Staritz M, et al. **Schweiz Rundsch Med Prax** 1984 Oct 16;73(42):1287-9 (Eng. Abstr.) **(Ger)**

[Japan Study Group of Manometry of Digestive Tract in Childhood] Nagasaki A. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):1188-91 (Eng. Abstr.) **(Jpn)**

INSTRUMENTATION

A manometer to measure demand valve reference pressure [letter] Banner MJ, et al. **Anesthesiology** 1985 Mar;62(3):369

Oesophageal manometry. A comparison of hydraulic and syringe catheter infusion systems using a simple hydrostatic bench model. Byrne PJ, et al. **Clin Phys Physiol Meas** 1984 Aug;5(3):185-91

Clinical use of rhinomanometry in children. van Cauwenberge PB, et al. **Int J Pediatr Otorhinolaryngol** 1984 Dec;8(2):163-75

Significance of balloon pressure recording during angioplasty. An experimental study. Zollikofer CL, et al. **ROFO** 1985 May;142(5):527-30

Transcutaneous measurement of the oxygen partial pressure using argon to correct for the oxygen consumption of the probe. Hjarbaek J, et al. **Scand J Clin Lab Invest** 1984 Dec; 44(8):739-44

Intra-abdominal pressure measurements using a wireless radio pressure pill and two wire connected pressure transducers: a comparison. Nordin M, et al. **Scand J Rehabil Med** 1984;16(4):139-46

[Application of YH-1B model apparatus for measuring tissue fluid pressure] Chen YH. **Chung Hua I Hsueh Tsa Chih** 1984 Nov;64(11):698-700 **(Chi)**

[Manometric examination of children with chronic constipation] Skába R, et al. **Rozhl Chir** 1985 Apr; 64(4):304-11 (Eng. Abstr.) **(Cze)**

[Rhinorheomanometry in the self care of allergic patients] Mayer B, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr; 64(4):191-3 (Eng. Abstr.) **(Ger)**

[Methodologic studies of manometry of the rectum] Klotter HJ, et al. **Zentralbl Chir** 1985;110(6):339-50 (Eng. Abstr.) **(Ger)**

[pH manometry with endoluminal transducer in the diagnosis of gastroesophageal reflux. Author's experience] Maggioni P, et al. **Minerva Med** 1985 Feb 28;76(8):349-50 **(Ita)**

[Electromanometer using a Soviet commercial pressure transducer] Sergeev IV, et al. **Fiziol Zh SSSR** 1983 Jul; 69(7):966-8 **(Rus)**

[An instrument for measuring intraosseous pressure and intraosseous infusions] Bushmelev VA, et al. **Vestn Khir** 1984 Oct;133(10):123-4 **(Rus)**

[Noncontact recording of the level of liquids in manometers] Antal J, et al. **Cesk Fysiol** 1984;33(6):558-61 **(Slo)**

METHODS

Manometry with needle cholangiography. A new technique. Turunen MT, et al. **Ann Chir Gynaecol** 1984;73(4):211-3

Clinical applications of oesophageal motility studies? Blackwell JN, et al. **Br J Hosp Med** 1984 Nov;32(5):267-71

Monitoring acute compartment pressures with the S.T.I.C. catheter. McDermott AG, et al. **Clin Orthop** 1984 Nov; (190):192-8

Effect of the artificially elevated common bile duct pressure on the motor activity and function of the papilla of Vater. A study by endoscopic manometry. Staritz M, et al. **Digestion** 1985;31(2-3):61-6

Manometric evaluation of functional upper gut symptoms. Malagelada JR, et al. **Gastroenterology** 1985 May;88(5 Pt 1):1223-31

The applicability of rhinomanometry in nonatopic children: comparison of three techniques. Georgitis JW. **J Allergy Clin Immunol** 1985 May;75(5):614-20

Committee report on standardization of rhinomanometry. Clement PA. **Rhinology** 1984 Sep;22(3):151-5

24-hour ambulatory manometry in diagnosis of esophageal motor disorders causing chest pain. Maas LC, et al. **South Med J** 1985 Jul;78(7):810-3

[Determination of nasal resistance in healthy subjects using 2 technics of rhinomanometry] Ghaem A, et al. **Bull Eur Physiopathol Respir** 1985 Jan-Feb;21(1):11-6 (Eng. Abstr.) **(Fre)**

[Simultaneous urethrocystometry and hyperactive bladders: differential diagnosis and types of dyssynergia] Penders L, et al. **J Urol (Paris)** 1984;90(6):375-83 (Eng. Abstr.) **(Fre)**

[Diagnosis of isolated tracheo-esophageal fistula by manometry of the esophagus] Snajdauf J, et al. **Z Kinderchir** 1985 Feb;40(1):51-2 (Eng. Abstr.) **(Ger)**

[Importance of manometry in the diagnosis of benign ano-rectal pathology] Vecchioni R, et al. **Minerva Chir** 1984 Oct 15;39(19):1327-30 **(Ita)**

[The use of intra-operative electromanometry in the surgical treatment of the functional pathology of the esophagus] Benevento A, et al. **Minerva Med** 1984 Sep 29; 75(37):2105-9 (Eng. Abstr.) **(Ita)**

[Esophageal motor changes in patients with Raynaud's phenomenon and suspected scleroderma. Electromanometric and serologic evaluations] Benevento A, et al. **Minerva Med** 1984 Sep 29;75(37):2111-8 (Eng. Abstr.) **(Ita)**

[Evaluation of the effect of flunitrazepam on the lower esophageal sphincter in man with intraluminal manometry] Mussa A, et al. **Minerva Med** 1984 Oct 20;75(40):2369-71 (Eng. Abstr.) **(Ita)**

STANDARDS

[Standardization of rhinomanometry] Clement PA. **Acta Otorhinolaryngol Belg** 1984;38(4):380-5 **(Dut)**

MANSONELLA

ANATOMY & HISTOLOGY

Mansonella (E.) rotundicapita sp.n. and Mansonella (E.) longicapita sp.n. (Filarioidea : Onchocercidae) from Venezuelan capybaras, Hydrochoerus hydrochaeris. Eberhard ML, et al. **Ann Parasitol Hum Comp** 1984; 59(5):497-505

CLASSIFICATION

The genus Mansonella (syn. Tetrapetalonema): a new classification. Eberhard ML, et al. **Ann Parasitol Hum Comp** 1984;59(5):483-96

GROWTH & DEVELOPMENT

Assessment of Culicoides barbosai as a vector of Mansonella ozzardi in Haiti. Lowrie RC Jr, et al. **Am J Trop Med Hyg** 1984 Nov;33(6):1275-7

Experimental and natural infection of Simulium sanchezi by Mansonella ozzardi in the Middle Orinoco region of Venezuela. Yarzábal L, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):29-33

ULTRASTRUCTURE

The tail of the Mansonella streptocerca microfilaria. Orihel TC. **Am J Trop Med Hyg** 1984 Nov;33(6):1278

MANSONELLA OZZARDI see under **MANSONELLA**

MANSONELLIASIS see under **FILARIASIS**

MANUAL COMMUNICATION

Is total communication enough? The hidden curriculum. Champie J. **Am Ann Deaf** 1984 Jun;129(3):317-8

A program to increase manual signs with severely/profoundly mentally retarded students in natural environments. Duker PC, et al. **Appl Res Ment Retard** 1985; 6(2):147-58

A rapid training procedure for teaching manual sign language skills to multidisciplinary institutional staff. Fitzgerald JR, et al. **Appl Res Ment Retard** 1984;5(4):451-69

Visual-spatial processing in deaf brain-damaged signers. Poizner H, et al. **Brain Cogn** 1984 Jul;3(3):281-306

Diagnostic factors bearing on the use of cued speech with hearing-impaired children. Cornett RO. **Ear Hear** 1985 Jan-Feb;6(1):33-5

Progressive addition lenses for deaf lip readers and signers. Thorn F, et al. **J Am Optom Assoc** 1984 Dec;55(12):905-8

A vocabulary test for chimpanzees (Pan troglodytes). Gardner RA, et al. **J Comp Psychol** 1984 Dec;98(4):381-404

Teaching apes to ape language: explaining the imitative and nonimitative signing of a chimpanzee (Pan troglodytes). Sanders RJ. **J Comp Psychol** 1985 Jun;99(2):197-210

Acquisition of spoken and signed English by profoundly deaf children. Geers A, et al. **J Speech Hear Disord** 1984 Nov; 49(4):378-88

Role of iconicity in sign acquisition [letter] Lloyd LL, et al. **J Speech Hear Disord** 1985 Aug;50(3):299-301

Relative translucency of ASL signs representing three semantic classes. Page JL. **J Speech Hear Disord** 1985 Aug; 50(3):241-7

Development of sign-based perception by deaf children. Hamilton H. **Percept Mot Skills** 1985 Jun;60(3):699-704

Signs of intelligence in cross-fostered chimpanzees. Gardner BT, et al. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):159-76

Sign language in South Africa: some research and clinical issues. Penn C, et al. **S Afr J Commun Disord** 1984;31:6-11

Facilitation of early speech development in a dysphatic child by use of signed Norwegian. von Tetzchner S. **Scand J Psychol** 1984;25(3):265-75

Intraoperative communication. Laws HL. **Surg Gynecol Obstet** 1985 Mar;160(3):268-9

[Syntactic and semantic elements of sign language] Angles Rodriguez Gonzales M. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):331-5 (Eng. Abstr.) **(Fre)**

[Bilingual education of deaf children] Bouvet D. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(4):389-93 **(Fre)**

[Education and bilingualism] Male A, et al. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):341-7 (Eng. Abstr.) **(Fre)**

[Sign language. Role of the speech therapist in a bilingual situation] Martenot D. **Rev Laryngol Otol Rhinol (Bord)** 1983;104(4):337-9 (Eng. Abstr.) **(Fre)**

MANUALS

Computerized operations manual for sterile products [letter] Giudici RA, et al. **Am J Hosp Pharm** 1984 Dec;41(12):2586, 2588

Differentiation of depression from chronic pain with the dexamethasone suppression test and DSM-III. France RD, et al. **Am J Psychiatry** 1984 Dec;141(12):1577-9

The relationship between syndrome and personality disorder in DSM-III: experience with 2,462 patients. Koenigsberg HW, et al. **Am J Psychiatry** 1985 Feb;142(2):207-12

Diagnosing schizophrenia in 1982: the effect of DSM-III. Lipkowitz MH, et al. **Am J Psychiatry** 1985 May; 142(5):634-7

Comparison of three systems for diagnosing borderline personality disorder. Nelson HF, et al. **Am J Psychiatry** 1985 Jul;142(7):855-8

DSM-III in residency training: results of a national survey. Williams JB, et al. **Am J Psychiatry** 1985 Jun;142(6):755-8

Handbook: Radiation safety in shelters [letter] Evdokimoff VN. **Am J Public Health** 1985 Apr;75(4):414

DSM-III and the politics of truth. Schacht TE. **Am Psychol** 1985 May;40(5):513-26

Abortion and the ethics manual [letter] Gibson CD Jr. **Ann Intern Med** 1985 Jan;102(1):133-4

Patients with medically unexplained symptoms: DSM-III diagnoses and demographic characteristics. Slavney PR, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):21-5

Sexuality and romance in advice books for the elderly. Arluke A, et al. **Gerontologist** 1984 Aug;24(4):415-8 (28 ref.)

Validated foodservice training manual for supervisors with limited experience. Sparkman AF, et al. **J Am Diet Assoc** 1984 Dec;84(12):1475-8

Oral hygiene instruction in general dental practice by means of self-teaching manuals. Glavind L, et al. **J Clin Periodontol** 1985 Jan;12(1):27-34

Diagnostic and Statistical Manual-III: a perspective from family court. Garmise R, et al. **J Forensic Sci** 1984 Oct; 29(4):1127-39

A medical record with appropriate technology serves as a tool for upgrading dermatological practices in Thailand. Kotrajaras R, et al. **J Med Assoc Thai** 1985 Jan;68(1):24-8

Potentially dangerous theophylline dose recommendations in The Harriet Lane Handbook [letter] Massanari M, et al. **J Pediatr** 1985 Feb;106(2):348-9

Counter-disaster manual [letter] Challen RG, et al. **Med J Aust** 1985 Sep 16;143(6):267-8

Using NIOSH lifting guide decreases risks of back injuries. Liles DH, et al. **Occup Health Saf** 1985 Feb;54(2):57-60

DSM-III: the view from the Canadian academe. Engles ML, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):37-40

DSM-III generalized anxiety disorder: an empirical investigation of more stringent criteria. Breslau N, et al. **Psychiatry Res** 1985 Jul;15(3):231-8

Comparison of process-reactive measures in DSM-III diagnosed schizophrenics. Cheselka O, et al. **Psychol Rep** 1984 Dec;55(3):1003-8

[The DSM III in Africa. Apropos of major depressive states in the Ivory Coast] Meggle D. **Ann Med Psychol (Paris)** 1984 May;142(5):663-73 **(Fre)**

[Nosology and classification in psychiatry based on DSM III with special reference to neuroses and personality disorders] Schuster P. **Psychother Psychosom Med Psychol** 1985 Mar-Apr; 35(3-4):75-7 (Eng. Abstr.) **(Ger)**

[Cancer therapy manual] **Nippon Rinsho** 1984 Fall;42 Suppl 517:1-1201 **(Jpn)**

[History of the popularization of medical knowledge in Russia. L.M. Chichagov and his 'Talks on Medicine'] Kvitnitskii-Ryzhov IuN. **Sov Zdravookhr** 1984;(8):66-70 **(Rus)**

[Preparation of a food manual for community health workers] Icaza SJ, et al. **Bol Of Sanit Panam** 1985 Mar;98(3):244-50 (Eng. Abstr.) **(Spa)**

STANDARDS

DSM-III in Botswana: a field trial in a developing country. Ben-Tovim DI. **Am J Psychiatry** 1985 Mar;142(3):342-5

A validity study of axis II of DSM-III. Drake RE, et al. **Am J Psychiatry** 1985 May;142(5):553-8

Are DSM-III criteria for bulimia too broad? [letter] Herzog D, et al. **Am J Psychiatry** 1985 Mar;142(3):393-4

Scaled ratings of DSM-III personality disorders. Kass F, et al. **Am J Psychiatry** 1985 May;142(5):627-30

Neurosis, psychodynamics, and DSM-III. A history of the controversy. Bayer R, et al. **Arch Gen Psychiatry** 1985 Feb; 42(2):187-96

A structured interview for the DSM-III personality disorders. A preliminary report. Stangl D, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):591-6

The DSM-III personality disorders. Perspectives from psychology. Widiger TA, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):615-23 (79 ref.)

The multiaxial system of DSM-III: where did it come from and where should it go? II. Empirical studies, innovations, and recommendations. Williams JB. **Arch Gen Psychiatry** 1985 Feb;42(2):181-6 (25 ref.)

The multiaxial system of DSM-III: where did it come from and where should it go? I. Its origins and critiques. Williams JB. **Arch Gen Psychiatry** 1985 Feb;42(2):175-80 (35 ref.)

Validity of RDC and DSM-III [letter] Zimmerman M, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):633-4

An assessment of the schedule for schizotypal personalities and the DSM-III criteria for diagnosing schizotypal personality disorder. Perry JC, et al. **J Nerv Ment Dis** 1984 Nov;172(11):674-80

MANUBRIUM see under **STERNUM**

MANURE

Identification and evolution of the cellulolytic microflora present during composting of cattle manure: on the role of Actinomycetes sp. Godden B, et al. **Ann Microbiol (Paris)** 1984 Jul-Aug;135B(1):69-78

Effect of dietary copper on litter microbial population and broiler performance. Johnson EL, et al. **Br Poult Sci** 1985 Apr;26(2):171-7

Bacteriological findings regarding the hygienic safety of poultry litter intended as an ingredient of feeds for ruminants. Ogonowski K, et al. **Onderstepoort J Vet Res** 1984 Dec;51(4):249-52

Effect of litter treatment on broiler performance and certain litter quality parameters. Huff WE, et al. **Poult Sci** 1984 Nov;63(11):2167–71

Ascaris lumbricoides in Canada: a reply to D.A. Denham [letter] Eaton RD. **Trans R Soc Trop Med Hyg** 1985; 79(1):142

Suspected bovine botulism associated with broiler litter waste. Appleyard WT, et al. **Vet Rec** 1985 May 11; 116(19):522

Bovine botulism associated with broiler litter waste [letter] Clegg FG, et al. **Vet Rec** 1985 Jul 6;117(1):22

[Survival of Aujeszky's disease virus in infected pig slurry] Smid B, et al. **Vet Med (Praha)** 1985 Jul;30(7):419–24 (Eng. Abstr.) **(Cze)**

[Transport of benzo(a)pyrene into animal organs following the feeding of activated sludge from swine manure] Fiebig HJ, et al. **Arch Tierernahr** 1984 Oct;34(10):731–7 (Eng. Abstr.) **(Ger)**

[Meat hygiene and feed technology studies of the use of industrial dried laying-hen excreta for fattening beef cattle. 2. Fattening performance, in fattening beef cattle, of 2 feeding trials with laying-hen manure] Schneider D, et al. **Berl Munch Tierarztl Wochenschr** 1985 Mar 1;98(3):81–5 (Eng. Abstr.) **(Ger)**

[Meat hygienic and feed technological studies of the use of industrially dried laying hen excreta for fattening beef cattle. 3. Residues, quality and sensory characteristics of meat] Troeger K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):112–21 (Eng. Abstr.) **(Ger)**

[Hygienic principles for regulating waste from stock-breeding complexes used in agriculture] Timchenko II, et al. **Gig Sanit** 1984 Jul;(7):60–3 **(Rus)**

ANALYSIS

Change in the volatile fatty acids content of laboratory stored sterilized and non-sterilized swine wastes. Rainville N, et al. **Microbios** 1985;42(169–170):175–82

[Zoohygienic study of the wastes from commercial pig farm complexes] Bildirev N, et al. **Vet Med Nauki** 1985; 22(2):11–5 (Eng. Abstr.) **(Bul)**

[Hygienic aspects of the current use of sewage waters for agricultural purposes] Perelygin VM. **Gig Sanit** 1984 Aug; (8):12–5 (Eng. Abstr.) **(Rus)**

MANUSCRIPTS

[An unpublished text of Pierre Janet on beliefs] Fusswerk-Fursay J. **Ann Med Psychol (Paris)** 1984 May; 142(5):703–10 **(Fre)**

[The Vanity of Nomenclature, an unpublished manuscript by Jean Piaget] Vidal F. **Pubbl Stn Zool Napoli [Ii]** 1984; 6(1):75–106 **(Fre)**

MANUSCRIPTS, MEDICAL

How to get a rejected manuscript published. Morgan PP. **Can Med Assoc J** 1985 Jul 15;133(2):86–7

Anonymous authors, anonymous referees: an editorial exploration [editorial] Moossy J, et al. **J Neuropathol Exp Neurol** 1985 May;44(3):225–8

A medical case book: Leeds, 1781–84. Anning ST. **Med Hist** 1984 Oct;28(4):420–31

The genesis of Edward Jenner's Inquiry of 1798: a comparison of the two unpublished manuscripts and the published version. Baxby D. **Med Hist** 1985 Apr; 29(2):193–9

Illustrations from the Wellcome Institute Library. The Wellcome collection of papers relating to Edward Jenner. Palmer R. **Med Hist** 1985 Apr;29(2):200–5

The microcomputer: an advance in medical writing. Whimster WF. **Practitioner** 1984 Oct;228(1396):950–1

[The Regimen sanitatis of Master Havlas of Strahov and the Regimen santitatis of Master Albik of Uničov] Rihova M. **Cas Lek Cesk** 1985 Jun 7;124(23):726–8 **(Cze)**

[Newly discovered text of Celsus on bladder diseases] Fischer KD. **Gesnerus** 1984;41(3–4):243–8 (Eng. Abstr.) **(Ger)**

[New knowledge on the problem of Paracelsus' Spuria] Goldammer K. **Sudhoffs Arch** 1984;68(2):235–9 **(Ger)**

[Medieval medical manuscript of Jan of Poznań] Giżewski D. **Arch Hist Med (Warsz)** 1984;47(4):509–13 (Eng. Abstr.) **(Pol)**

[Concepts of diseases and their treatment based on manuscript source materials of Russia] Gribanov ED, et al. **Klin Med (Mosk)** 1984 Nov;62(11):149–53 **(Rus)**

HISTORY

The Edwin Smith Papyrus from ancient Egypt. The world's first surgical treatise. Bonnabeau RC. **Minn Med** 1985 Apr; 68(4):277, 279–80

An origin for the bone text of the 'five-figure series'. French RK. **Sudhoffs Arch** 1984;68(2):143–56

[New findings on the medicine of the Copts] Kolta KS. **Sudhoffs Arch** 1984;68(2):157–72 (Eng. Abstr.) **(Ger)**

MAPLE SYRUP URINE DISEASE

BLOOD

Newborn screening for maple syrup urine disease. Snyderman SE, et al. **J Pediatr** 1985 Aug;107(2):259–61

The relationship between the branched chain amino acids and their alpha-ketoacids in maple syrup urine disease. Snyderman SE, et al. **Pediatr Res** 1984 Sep;18(9):851–3

DIET THERAPY

Tailoring of the diet for the individual in maple syrup urine disease: long-term home dietary treatment of an adult patient with MSUD by monitoring of daily intake with a personal computer. A case report. Lie IE, et al. **Hum Nutr Appl Nutr** 1985 Apr;39(2):130–6

ENZYMOLOGY

Activation of branched-chain alpha-ketoacid dehydrogenase complex by alpha-chloroisocaproate in normal and enzyme-deficient fibroblasts. Toshima K, et al. **Clin Chim Acta** 1985 Apr 15;147(2):103–8

Chemical diagnosis of dihydrolipoyl dehydrogenase deficiency. Kuhara T, et al. **J Inherited Metab Dis** 1984; 7 Suppl 2:115–6

ETIOLOGY

Absence of branched chain acyl-transferase as a cause of maple syrup urine disease. Danner DJ, et al. **J Clin Invest** 1985 Mar;75(3):858–60

FAMILIAL & GENETIC

A distinct variant of intermediate maple syrup urine disease. Gonzalez-Rios MC, et al. **Clin Genet** 1985 Feb;27(2):153–9

Maple syrup urine disease: two different forms within a single family. Frézal J, et al. **Hum Genet** 1985;71(1):89–91

Complementation analysis in lymphoid cells from five patients with different forms of maple syrup urine disease. Jinno Y, et al. **Hum Genet** 1984;68(1):54–6

PHYSIOPATHOLOGY

[Comb-like rhythm: an EEG pattern peculiar to leucinosis] Estivill E, et al. **An Esp Pediatr** 1985 Feb;22(2):123–7 (Eng. Abstr.) **(Spa)**

MAPROTILINE see under **ANTHRACENES**

MAPS

Computer-generated maps as an aid to mosquito control (Diptera: Culicidae). Hunt GJ, et al. **J Med Entomol** 1984 Sep 28;21(5):489–500

Uses of computer-generated maps in occupational hazard and mortality surveillance. Frazier TM, et al. **MMWR CDC Surveill Summ** 1984;33(2):27SS–32SS

The patient map as an aid to surgery planning. Baker RH. **Practitioner** 1984 Nov;228(1397):1085–7

MARASMUS see **PROTEIN-CALORIE MALNUTRITION**

MARBURG VIRUS see under **RHABDOVIRIDAE**

MARCHIAFAVA-MICHELI SYNDROME see **HEMOGLOBINURIA, PAROXYSMAL**

MAREK'S DISEASE

Characterization of transplantable subline MDCC-MSB1-Clo. 18 derived from MDCC-MSB1. Higashihara T, et al. **Jpn J Vet Res** 1984 Jul;32(3):155–63

DIAGNOSIS

An enzyme-linked immunosorbent assay for the detection of antibodies to Marek's disease virus. Cheng YQ, et al. **Avian Dis** 1984 Oct-Dec;28(4):900–11

DRUG THERAPY

Cell-specific antiviral activity of 1-(2-fluoro-2-deoxy-beta-D-arabinofuranosyl)-5-iodocyt (FIAC) against Marek's disease herpesvirus and turkey herpesvirus. Schat KA, et al. **Antiviral Res** 1984 Oct; 4(5):259–70

FAMILIAL & GENETIC

Resistance to Marek's disease is controlled by a gene within the B-F region of the chicken major histocompatibility complex in Rous sarcoma regressor or progressor inbred lines of chickens. Plachy J, et al. **Folia Biol (Praha)** 1984; 30(4):251–8

IMMUNOLOGY

Antigen requirements and specificity of a microplate enzyme-lined immunosorbent assay (ELISA) for Marek's disease viral antibodies in chicken, mouse and rabbit sera. Coudert F, et al. **Ann Rech Vet** 1984;15(4):529–34

Isolation of monoclonal antibodies reactive with Marek's disease tumor-associated surface antigen (MATSA). Ikuta K, et al. **Biken J** 1984 Dec;27(4):183–8

Identification of Marek's disease virus-specific antigens in Marek's disease lymphoblastoid cell lines using monoclonal antibody against virus-specific phosphorylated polypeptides. Ikuta K, et al. **Int J Cancer** 1985 Feb 15; 35(2):257–64

Studies on vaccination of chicks with HVT against Marek's disease. Rana UV, et al. **J Commun Dis** 1984 Sep; 16(3):234–9

Monoclonal antibodies against a Marek's disease tumor-associated surface antigen. Higashihara T, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):649–58

On the specificity of the immunoglobulin G produced by chickens experimentally infected with Marek's disease virus. Settnes OP. **Nord Vet Med** 1985 May-Jun; 37(3):170–5

[Postvaccination viremia in breeding flocks of layers and broilers after vaccination against Marek's disease of fowl] Jurajda V, et al. **Vet Med (Praha)** 1984 Dec;29(12):719–28 (Eng. Abstr.) **(Cze)**

METABOLISM

Altered cholesteryl ester cycle is associated with lipid accumulation in herpesvirus-infected arterial smooth muscle cells. Hajjar DP, et al. **J Biol Chem** 1985 May 25; 260(10):6124–8

OCCURRENCE

Marek's disease in sixty week-old laying chickens. Nicholls TJ. **Aust Vet J** 1984 Jul;61(7):243

PATHOLOGY

Variation in histology and growth characteristics of transplantable Marek's disease lymphomas. Fletcher OJ, et al. **Cancer Res** 1985 Apr;45(4):1762–5

PREVENTION & CONTROL

Partial protection against Marek's disease in chickens immunized with glycoproteins gB purified from turkey-herpesvirus-infected cells by affinity chromatography coupled with monoclonal antibodies. Ono K, et al. **Avian Dis** 1985 Apr-Jun;29(2):533–9

Effect of infectious bursal disease virus on protection against Marek's disease by turkey herpesvirus vaccine. Sharma JM. **Avian Dis** 1984 Jul-Sep;28(3):629–40

Simultaneous application of live turkey herpesvirus and infectious bursal disease vaccines against Marek's disease and infectious bursal disease. Chang JD, et al. **Poult Sci** 1985 Jan;64(1):78–83

Vaccination against Marek's disease and infectious bursal disease. II. Titration and in vivo efficacy of the coinfection-derived bivalent live vaccine for turkey herpesvirus and infectious bursal disease virus. Chang JD, et al. **Poult Sci** 1984 Sep;63(9):1752–8

[Economic evaluation of vaccination against Marek's disease in chickens by cost-benefit analysis] Ring C, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):143–8 (Eng. Abstr.) **(Ger)**

MAREK'S DISEASE VIRUS

ANALYSIS

Gel electrophoretic analysis of polypeptides from nucleocapsids of Marek's disease virus strains and herpesvirus of turkey. Westenbrink F, et al. **Arch Virol** 1985;84(3–4):217–31

GENETICS

Map location of homologous regions between Marek's disease virus and herpesvirus of turkey and the absence of detectable homology in the putative tumor-inducing gene. Fukuchi K, et al. **J Virol** 1985 Mar;53(3):994–7

Genomic expansion of Marek's disease virus DNA is associated with serial in vitro passage. Silva RF, et al. **J Virol** 1985 Jun;54(3):690–6

The structure of Marek disease virus DNA: the presence of unique expansion in nonpathogenic viral DNA. Fukuchi K, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):751–4

IMMUNOLOGY

Antigen requirements and specificity of a microplate enzyme-lined immunosorbent assay (ELISA) for Marek's disease viral antibodies in chicken, mouse and rabbit sera. Coudert F, et al. **Ann Rech Vet** 1984;15(4):529–34

An enzyme-linked immunosorbent assay for the detection of antibodies to Marek's disease virus. Cheng YQ, et al. **Avian Dis** 1984 Oct-Dec;28(4):900–11

Identification of Marek's disease virus-specific antigens in Marek's disease lymphoblastoid cell lines using monoclonal antibody against virus-specific phosphorylated polypeptides. Ikuta K, et al. **Int J Cancer** 1985 Feb 15; 35(2):257–64

On the specificity of the immunoglobulin G produced by chickens experimentally infected with Marek's disease virus. Settnes OP. **Nord Vet Med** 1985 May-Jun; 37(3):170–5

[Postvaccination viremia in breeding flocks of layers and broilers after vaccination against Marek's disease of fowl] Jurajda V, et al. **Vet Med (Praha)** 1984 Dec;29(12):719–28 (Eng. Abstr.) **(Cze)**

METABOLISM

Differences in the processing of secreted glycoprotein A induced by Marek's disease virus and herpesvirus of turkeys. Ikuta K, et al. **J Gen Virol** 1985 May;66 (Pt 5):1131–7

Processing of glycoprotein gB related to neutralization of Marek's disease virus and herpesvirus of turkeys. Ikuta K, et al. **Microbiol Immunol** 1984;28(8):923-33

MARFAN SYNDROME

Obstetrical complications in a patient with the Marfan syndrome. Lind J, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):161-8

Esophageal ulceration associated with oral penicillin in Marfan's syndrome [letter] Gould PC, et al. **NY State J Med** 1985 May;85(5):199-200

BLOOD

[Effect of interferon on the formation of sister chromatid exchanges and DNA reparative synthesis in the leukocytes of Marfan's syndrome patients defective in the repair of induced DNA damage] Makedonov GP, et al. **Dokl Akad Nauk SSSR** 1984;279(2):484-7 **(Rus)**

COMPLICATIONS

Ventricular dysrhythmias in children with Marfan's syndrome. Chen S, et al. **Am J Dis Child** 1985 Mar;139(3):273-6

Marfan's syndrome [letter] Wright IH, et al. **Anaesthesia** 1985 Feb;40(2):206

Amiodarone-induced hyperthyroidism in a patient with Marfan's syndrome and Wolff-Parkinson-White syndrome. Hazenberg HJ, et al. **Clin Nucl Med** 1985 May;10(5):341-3

Multicore disease and Marfan's syndrome: a case report. Pagès M, et al. **Eur Neurol** 1985;24(3):170-5

Coloboma of lens. Angra SK, et al. **Indian J Ophthalmol** 1984 Jan-Feb;32(1):21-2

Marfan syndrome and medullary sponge kidney: case report and speculation on pathogenesis. Schoeneman MJ, et al. **Int J Pediatr Nephrol** 1984 Jun;5(2):103-4

Congenital contractural arachnodactyly. Report of a case and of an operation for knee contracture. Langenskiöld A. **J Bone Joint Surg [Br]** 1985 Jan;67(1):44-6

Multiple aortic aneurysms in Marfan's syndrome. Case report and review of the literature. Mohr R, et al. **J Cardiovasc Surg (Torino)** 1984 Nov-Dec;25(6):566-70 (28 ref.)

Cardiac defects in a patient with congenital contractural arachnodactyly. Bell RE, et al. **South Med J** 1985 Jun;78(6):742-3

Pulmonary disease in patients with Marfan syndrome. Wood JR, et al. **Thorax** 1984 Oct;39(10):780-4

[Marfan's syndrome. Life threatening complication in pregnancy (letter)] Asmussen I. **Ugeskr Laeger** 1985 Apr 15;147(16):1346-7 **(Dan)**

[Cardiovascular abnormalities in Marfan's syndrome: an echocardiographic study] Draulans-Noë HA, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):688-93 (Eng. Abstr.) **(Dut)**

[Basedow's disease, Marfan's disease and mitral valve prolapse (letter)] Sablayrolles B, et al. **Presse Med** 1985 Mar 9;14(10):598-9 **(Fre)**

[Rupture of the common hepatic artery in Marfan syndrome] Ruschen B, et al. **Zentralbl Chir** 1984;109(23):1512-4 **(Ger)**

[Surgical treatment of annuloaortic ectasia and aneurysm of the abdominal aorta in Marfan's syndrome] Tsuchiya K, et al. **Kyobu Geka** 1984 Dec;37(13):1012-6 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of fusiform thoracoabdominal aortic aneurysm with Marfan's syndrome. A report on reconstruction of 4 major abdominal visceral branches] Miyata T, et al. **Nippon Geka Gakkai Zasshi** 1985 Feb;86(2):225-32 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of infective endocarditis in Marfan syndrome--a report of two successfully treated cases] Hachida M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1864-71 (Eng. Abstr.) **(Jpn)**

[Resection of aneurysm of the brachiocephalic trunk and left to right carotid arterial bypass for severe tracheal stenosis after Bentall's operation] Sakakibara N, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Jan;33(1):98-103 (Eng. Abstr.) **(Jpn)**

[A case of Marfan's syndrome with a ruptured distal middle cerebral aneurysm] Ohtsuki H, et al. **No Shinkei Geka** 1984 Jul;12(8):983-5 (Eng. Abstr.) **(Jpn)**

[Marfan syndrome and giant intracranial aneurysms: report of a case] Resende LA, et al. **Arq Neuropsiquiatr** 1984 Sep;42(3):294-7 (Eng. Abstr.) **(Por)**

[Congenital contracture with arachnodactyly. Apropos of 2 cases] Lozano MJ, et al. **An Esp Pediatr** 1985 Jan;22(1):79-82 **(Spa)**

[Brucellar endocarditis in a patient with Marfan's syndrome] García-Fernández F, et al. **Rev Esp Cardiol** 1984 May-Jun;37(3):227-9 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Marfan's syndrome presenting as a type 3 aortic dissection. Kunz R, et al. **Chest** 1985 Sep;88(3):463-5

[Marfan syndrome and pregnancy] Ipsen L, et al. **Ugeskr Laeger** 1984 Oct 22;146(43):3288 (Eng. Abstr.) **(Dan)**

[Marfan syndrome--a case report] Weh M, et al. **Kinderarztl Prax** 1985 Apr;53(4):185-91 (Eng. Abstr.) **(Ger)**

[Aortic insufficiency caused by valvular dysplasia in childhood. Apropos of 3 cases] Accorsi F, et al. **G Ital Cardiol** 1984 Aug;14(8):589-93 (Eng. Abstr.) **(Ita)**

[Echocardiographic study of families with Marfan's syndrome: the clinical significance of echocardiographic study in the presence of normal electrocardiograms] Ueda M, et al. **Kokyu To Junkan** 1984 Sep;32(9):963-7 (Eng. Abstr.) **(Jpn)**

[Marfan syndrome] Otroszkiewicz J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(1):51-4 (Eng. Abstr.) **(Pol)**

[Marfan syndrome in the light of observed cases] Wojnar J, et al. **Wiad Lek** 1984 Jul 15;37(14):1113-6 (Eng. Abstr.) **(Pol)**

[Marfan syndrome in a pregnant woman] Korolenko AB, et al. **Klin Med (Mosk)** 1985 Mar;63(3):108-10 **(Rus)**

[Marfan's syndrome: polymorphism of its clinical manifestations] Demin AA, et al. **Ter Arkh** 1985;57(4):133-5 **(Rus)**

FAMILIAL & GENETIC

Familial myopathy associated with Marfanoid features and multicores. Joyce DA, et al. **Aust NZ J Med** 1984 Aug;14(4):495-9

Congenital contractural arachnodactyly. Report of four additional families and review of literature. Ramos Arroyo MA, et al. **Clin Genet** 1985 Jun;27(6):570-81

An infant with Marfanoid phenotype and congenital contractures associated with ocular and cardiovascular anomalies, cerebral white matter hypoplasia and spinal axonopathy. Tamminga P, et al. **Eur J Pediatr** 1985 Jan;143(3):228-31

A 38 base pair insertion in the pro alpha 2(I) collagen gene of a patient with Marfan syndrome. Henke E, et al. **J Cell Biochem** 1985;27(2):169-74

Sporadic concurrence of von Recklinghausen's neurofibromatosis and Marfan syndrome. Leramo OB, et al. **West Indian Med J** 1985 Jun;34(2):131-3

METABOLISM

Elastin and collagen in the aortic wall: changes in the Marfan syndrome and annuloaortic ectasia. Halme T, et al. **Exp Mol Pathol** 1985 Aug;43(1):1-12

PATHOLOGY

Relation of mitral valve prolapse to left ventricular size in Marfan's syndrome. Lima SD, et al. **Am J Cardiol** 1985 Mar 1;55(6):739-43

Should an aortic aneurysm dissect? Narula J, et al. **Indian Heart J** 1985 Jan-Feb;37(1):57-61

An autopsy case of Marfan syndrome with histochemical studies on the cardiovascular system. Takeichi S. **Tokushima J Exp Med** 1984 Jun;31(1-2):33-9

[Morphological and morphometric research on fibroblasts with genetically determined metabolic defects] Baiborodin SI, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):403-6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Echocardiographic study of Marfan's syndrome. Liang GF, et al. **Acta Acad Med Wuhan** 1984;4(3):163-9

Connective tissue in the lung: lessons from the Marfan syndrome [editorial] Pyeritz RE. **Ann Intern Med** 1985 Aug;103(2):289-90

Spontaneous dissecting aneurysm of the ductus arteriosus in an infant with Marfan syndrome. Gillan JE, et al. **J Pediatr** 1984 Dec;105(6):952-5

[Marfan syndrome and echocardiography] Iturralde P, et al. **Arch Inst Cardiol Mex** 1984 Nov-Dec;54(6):593-9 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Intravenous digital subtraction aortography in the preoperative and postoperative evaluation of Marfan's aortic disease. Detrano R, et al. **Chest** 1985 Aug;88(2):249-53

Protrusio acetabuli in Marfan's syndrome: report on two patients. Fast A, et al. **J Rheumatol** 1984 Aug;11(4):549-51

Carpal ligamentous laxity with bilateral perilunate dislocation in Marfan syndrome. Pennes DR, et al. **Skeletal Radiol** 1985;13(1):62-4

SURGERY

[A case of coronary anastomotic aneurysm 5 years after Bentall procedure in Marfan syndrome] Yamagishi M, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):681-4 (Eng. Abstr.) **(Jpn)**

MARGARINE

[Study of the microbiology of margarine] Polo Villar LM, et al. **Rev Sanid Hig Publica (Madr)** 1984 Mar-Apr;58(3-4):291-6 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

The combined role of atheroma, cholesterol, platelets, the endothelium and fibrin in heart attacks and strokes. Martin W. **Med Hypotheses** 1984 Nov;15(3):305-22

ANALYSIS

Detection of soy protein in soy lecithin, margarine and, occasionally, soy oil. Porras O, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):30-2

Trans unsaturated fatty acids in margarines [letter] Booyens J, et al. **S Afr Med J** 1985 Mar 2;67(9):319

MARGINAL ULCER see under **PEPTIC ULCER**

MARIDOMYCINS see **LEUCOMYCINS**

MARIE-BAMBERGER DISEASE see **OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC**

MARIE-STRUEMPELL DISEASE see **SPONDYLITIS, ANKYLOSING**

MARIHUANA see **CANNABIS**

MARIHUANA ABUSE see **CANNABIS ABUSE**

MARINE BIOLOGY

see related
PLANKTON

Differential response of marine organisms to certain metal and agrichemical pollutants. Lee HH, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):460-7

[Effect of polysaccharides isolated from marine invertebrates on various functions of T- and B lymphocytes] Zaporozhets TS, et al. **Antibiot Med Biotekhnol** 1985 Jan;30(1):43-7 (Eng. Abstr.) **(Rus)**

MARINE TOXINS

Structure and action of heteronemertine polypeptide toxins: importance of amphipathic helix for activity of Cerebratulus lacteus toxin A-III. Dumont JA, et al. **Arch Biochem Biophys** 1985 Jan;236(1):167-75

ANALYSIS

Structures of biologically active minor bases related to paragracine from Parazoanthus gracilis Lwowsky. Komoda Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):3873-9

Evaluation of laboratory performance of the AOAC method for PSP toxin in shellfish. Adams WN, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1147-8

Brevetoxins: chemistry and pharmacology of 'red tide' toxins from Ptychodiscus brevis (formerly Gymnodinium breve). Ellis S. **Toxicon** 1985;23(3):469-72

Ciguatoxin from the flesh and viscera of the barracuda, Sphyraena jello. Lewis RJ, et al. **Toxicon** 1984;22(5):805-10

A combination fluorescence assay and Folin-Ciocalteau phenol reagent assay for the detection of paralytic shellfish poisons. Mosley S, et al. **Toxicon** 1985;23(3):375-81

The chemistry of brevetoxins: a review. Nakanishi K. **Toxicon** 1985;23(3):473-9 (13 ref.)

Distribution of paralytic toxins in California shellfish. Whitefleet-Smith JL, et al. **Toxicon** 1985;23(2):346-9

[Ciguatera: a rapid, simple and reliable method for the detection of ciguatoxin] Pompon A, et al. **Bull WHO** 1984;62(4):639-45 (Eng. Abstr.) **(Fre)**

CHEMICAL SYNTHESIS

Synthetic and conformational studies on anatoxin-a: a potent acetylcholine agonist. Koskinen AM, et al. **J Med Chem** 1985 Sep;28(9):1301-9

IMMUNOLOGY

Specific antibodies directed against toxins of Ptychodiscus brevis (Florida's red tide dinoflagellate). Baden DG, et al. **Toxicon** 1984;22(5):783-9

[Effect of cucumarioside (a triterpene glycoside from the holothurian Cucumaria japonica) on the development of an immune response in mice to corpuscular pertussis vaccine] Sedov AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):100-4 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Bioactive marine natural products, with emphasis on handling of water-soluble compounds. Shimizu Y. **J Nat Prod** 1985 Mar-Apr;48(2):223-35

METABOLISM

Binding of Cerebratulus cytolysin A-III to human erythrocyte membranes. Blumenthal KM. **Biochim Biophys Acta** 1985 Jan 10;812(1):127-32

PHARMACODYNAMICS

Maitotoxin stimulates hormonal release and calcium flux in rat anterior pituitary cells in vitro. Schettini G, et al. **Am J Physiol** 1984 Oct;247(4 Pt 1):E520-5

The effects of maitotoxin on 45Ca2+ flux and hormone release in GH3 rat pituitary cells. Login IS, et al. **Endocrinology** 1985 Feb;116(2):622-7

Ca-dependent arrhythmogenic effects of maitotoxin, the most potent marine toxin known, on isolated rat cardiac muscle cells. Kobayashi M, et al. **Eur J Pharmacol** 1985 Apr 23;111(1):121-3

The mechanism of Ptychodiscus brevis toxin-induced rat vas deferens contraction. Sakamoto Y, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):117-22

Effects of Goniopora toxin on the membrane currents of bullfrog atrial muscle. Noda M, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):75-80

Neurological analysis of respiratory, cardiovascular and neuromuscular effects of brevetoxin in cats. Borison HL, et al. **Toxicon** 1985;23(3):517-24

Interaction of brevetoxin A with a new receptor site on the sodium channel. Catterall WA, et al. **Toxicon** 1985; 23(3):497-504

Effects of crude brevetoxin on membrane potential and spontaneous or evoked end-plate potentials in rat hemidiaphragm. Gallagher JP, et al. **Toxicon** 1985; 23(3):489-96

Toxic effects of the soluble skin secretion from the Arabian Gulf catfish (Arius thallasinus, Ruppell) on plasma and liver enzyme levels. Al-Hassan JM, et al. **Toxicon** 1985; 23(3):532-4

Cardiovascular effects of brevetoxins in dogs. Johnson GL, et al. **Toxicon** 1985;23(3):505-15

POISONING

Ciguatera poisoning in Canada. **Bull Pan Am Health Organ** 1984;18(3):293-4

Hazardous marine animals. Auerbach PS. **Emerg Med Clin North Am** 1984 Aug;2(3):531-44

An analysis of poison control center reports of ciguatera toxicity in Puerto Rico for one year. Holt RJ, et al. **J Toxicol Clin Toxicol** 1984;22(2):177-85

Ichthyotoxism by a paralytic toxin produced by marine dinoflagellates of the genus Ceratium: relationship to fraction beta isolated from the sponge Tedania ignis. Mijares AJ, et al. **Toxicon** 1985;23(2):221-33

[Epidemiology of Ciguatera in the Iles Saintes (Guadeloupe)] Czernichow P, et al. **Rev Epidemiol Sante Publique** 1984; 32(5):315-21 (Eng. Abstr.) **(Fre)**

[Histamine poisoning by scombroid fish--initial report on the first 7 epidemics registered in the region around Rijeka 1982-1984] Bakašun V, et al. **Lijec Vjesn** 1985 Jun; 107(6):232-4 (Eng. Abstr.) **(Scr)**

TOXICITY

A new sea urchin toxin and its effect on spontaneous transmitter release at frog neuromuscular junctions. Anraku M, et al. **Jpn J Physiol** 1984;34(5):839-47

Positive inotropic and toxic effects of brevetoxin-B on rat and guinea pig heart. Rodgers RL, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):296-305

Actions of Ptychodiscus brevis toxins on nerve and muscle membranes. Wu CH, et al. **Toxicon** 1985;23(3):481-7

MARITAL RELATIONSHIP see **MARRIAGE**

MARITAL THERAPY

Extramarital sex: impact on depression and commitment in couples seeking marital therapy. Beach SR, et al. **J Sex Marital Ther** 1985 Summer;11(2):99-108

Extramarital sexual crisis: common themes and therapy implications. Thompson AP. **J Sex Marital Ther** 1984 Winter;10(4):239-54

[Sex disorders in gynecologic practice: what can be done?] Blaser A. **Gynakol Rundsch** 1985;25(1):1-14 **(Ger)**

METHODS

Analysis of a treatment program for primary orgastic dysfunction. Adkins E, et al. **Behav Res Ther** 1985; 23(2):119-26

Ethnic intermarriage: implications for therapy. McGoldrick M, et al. **Fam Process** 1984 Sep;23(3):347-64

Family mapping: toward an understanding of the interactional dynamic of the alcoholic marital dyad. Synol KM. **Int J Addict** 1984 Nov;19(7):743-52

Stress and activity management: group treatment for cancer patients and spouses. Heinrich RL, et al. **J Consult Clin Psychol** 1985 Aug;53(4):439-46

Differential effects of experiential and problem-solving interventions in resolving marital conflict. Johnson SM, et al. **J Consult Clin Psychol** 1985 Apr;53(2):175-84

A comparison of three therapeutic formats in the treatment of secondary orgasmic dysfunction. Libman E, et al. **J Sex Marital Ther** 1984 Fall;10(3):147-59

Behavioral marital therapy couples groups for male alcoholics and their wives. O'Farrell TJ, et al. **J Subst Abuse Treat** 1984;1(3):191-204

[Group psychotherapy of married couples] Brichcin S, et al. **Cesk Psychiatr** 1984 Jun;80(3):196-9 (Eng. Abstr.) **(Cze)**

[Peculiarities of crisis intervention with marital partners in the 2d half of life] Scholz OB, et al. **Z Gerontol** 1984 Jul-Aug;17(4):209-13 (Eng. Abstr.) **(Ger)**

MARKER, GENETIC see **GENETIC MARKER**

MARKETING OF HEALTH SERVICES

Priorities in the benefit-risk assessment of new drugs. Venning GR. **Adverse Drug React Acute Poisoning Rev** 1984 Summer;3(2):113-21

Good news and bad news in the marketing age. Klann SS. **AORN J** 1984 Nov;40(5):790-2

Attitudes toward medical marketing in Maricopa County. Wilson VJ. **Ariz Med** 1984 Nov;41(11):743-9

Presidential address. To market. Yoder DE. **ASHA** 1984 Dec; 26(12):23-6

Research: the key to successfully marketing your practice. Feller SJ. **Can Dent Assoc J** 1984 Oct;50(10):745-6

Cabbages and condoms: packaging and channels of distribution. Potts M. **Clin Obstet Gynaecol** 1984 Dec; 11(3):799-809

Demographic analysis: a marketing must. Share SH, et al. **Conn Med** 1985 May;49(5):302-8

Quality assurance and marketing. Demby NA. **Dent Clin North Am** 1985 Jul;29(3):605-14

Cognitive commitments in health services marketing. MacStravic RS. **Health Care Manage Rev** 1985 Summer; 10(3):11-8

Marketing critical care nursing: the time is right. Kuhn R. **Heart Lung** 1985 Jul;14(4):19A-20A, 23A

The coming of the corporation and the marketing of psychiatry. Gaylin S. **Hosp Community Psychiatry** 1985 Feb;36(2):154-9

Marketing is key to PR professionals' roles. **Hospitals** 1985 Jul 1;59(13):60, 62

What's the market for outpatient surgery? Inguanzo JM, et al. **Hospitals** 1985 Aug 1;59(15):55-7

Creating a market niche. Inguanzo JM, et al. **Hospitals** 1985 Jan 1;59(1):62-4, 67

How to select and support the hospital sales team. Louden T. **Hospitals** 1985 Sep 1;59(17):84-5

Renovation: a tool for hospital commercialization. Rothman EP. **Hospitals** 1985 Feb 16;59(4):95-6, 99

Recent developments in social marketing and their implications for international public health education. Israel RC. **Hygie** 1984 Dec;3(4):50-3

Competition in the marketplace of medical care. Allen LE. **Indiana Med** 1985 Jan;78(1):46-8

Internal marketing and quality assurance through patient feedback. Kress GC Jr, et al. **J Am Dent Assoc** 1985 Jan; 110(1):29-34

Marketing and health care. Knittig MJ. **J Arkansas Med Soc** 1984 Oct;81(5):267-8

The physician as a nursing service customer. Luciano K, et al. **J Nurs Adm** 1985 Jun;15(6):17-20

Market strategies for private practice. Endress R. **J Tenn Med Assoc** 1984 Sep;77(9):522-8

Determinants of market share for a hospital's services. Erickson GM, et al. **Med Care** 1985 Aug;23(8):1003-18

Physician contracting. De Witt LW. **Minn Med** 1984 Nov; 67(11):647-9

The physician's role in health care marketing. Fredrickson TL. **Minn Med** 1984 Sep;67(9):497-8

Bottom-line health care? [letter] Fullman HJ. **N Engl J Med** 1985 Oct 3;313(14):897

Bottom-line health care? Levey S, et al. **N Engl J Med** 1985 Mar 7;312(10):644-7

Capitalizing on the hidden job market. Ciocci G. **Nurse Pract** 1984 Dec;9(12):31-3

A business for profit can help the NP role. Colls JP. **Nurse Pract** 1984 Sep;9(9):58, 60

Marketing strategies for competitive advantage. Lukacs J. **Nurse Pract** 1984 Sep;9(9):37-8, 40

Reflective listening as a marketing force. Smith DB. **NZ Dent J** 1984 Jul;80(361):81-3

The pros and cons of marketing. Edwards KS. **Ohio State Med J** 1984 Nov;80(11):793-5

Marketing medical practice begins internally. Beck LC, et al. **Pa Med** 1985 May;88(5):32

Marketing--what does it mean to physicians? Sweeney DR, et al. **Penn Med** 1984 Dec;87(12):78

Market research in medical practice. A case study of one practice's site survey. Solberg LI, et al. **Postgrad Med** 1985 Mar;77(4):317-9, 322, 326-7

Needs-based health promotion program serves as HMO marketing tool. Donaldson MS, et al. **Public Health Rep** 1985 May-Jun;100(3):270-7

Market-based strategic planning for radiologic technology. Rutsohn P. **Radiol Technol** 1985 Mar-Apr;56(4):217-21

Member hospital network for poison control. Chafee-Bahamon C, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:20-3

Marketing and the veterinary profession. Andrews AH. **Vet Rec** 1984 Sep 1;115(9):191

Strategy for marketing preventive medicine. Andrews AH. **Vet Rec** 1984 Sep 22;115(12):305

ECONOMICS

Cost containment in an equilibrium state. Robbins JA. **Am J Med** 1985 Sep;79(3):280-3

METHODS

Marketing your nonprescription drug department. Murphy D. **Am Pharm** 1985 Jul;NS25(7):38-41

Nationally branded products come to health care. Mistarz JE. **Hospitals** 1985 Feb 16;59(4):64, 67

To PPO or not to PPO? Sellers KG. **Hospitals** 1984 Nov 16;58(22):110-12

Market analysis reveals rehab program potential. Tanner SE, et al. **Hospitals** 1985 Jun 1;59(11):65-6

Health care: development of data for a marketing approach Stitt VJ Jr. **J Natl Med Assoc** 1985 Jun;77(6):485-8

A checklist of practice marketing ideas. Beck LC, et al. **NC Med J** 1985 Jun;46(6):345-7

ORGANIZATION & ADMINISTRATION

How to set up a hospital sales program. Louden T. **Hospitals** 1985 Aug 16;59(16):136, 140, 142

TRENDS

The industrialization of American psychiatry. Bittker TE. **Am J Psychiatry** 1985 Feb;142(2):149-54

Marketing and distribution of pharmaceuticals in the 21st century: two scenarios. Hoff LC. **Am Pharm** 1985 Mar; NS25(3):70-6

Hospital sales forces are here to stay. Powills S. **Hospitals** 1985 Jun 16;59(12):FB30, FB36, FB40

Hospitals go international to increase market shares [news] Powills S. **Hospitals** 1985 Jul 16;59(14):50, 53

Hospital marketing came of age this year. Traska MR. **Hospitals** 1984 Dec 16;58(24):65

Refining traditional behaviors for marketplace advantage. Teslow PA. **Top Health Care Financ** 1984 Winter; 11(2):47-52

MARKOV CHAINS see under **PROBABILITY**

MARMOSET VIRUS see under **HERPESVIRIDAE**

MARMOSETS see **CALLITHRICIDAE**

MARMOTA see under **SCIURIDAE**

MARRIAGE

Prevalence of mental disorder in an urban population in central Sweden in relation to social class, marital status and immigration. Halldin J. **Acta Psychiatr Scand** 1985 Feb; 71(2):117-27

Partnership problems as causes of endogenous and neurotic depressions. Matussek P, et al. **Acta Psychiatr Scand** 1985 Feb;71(2):95-104

Marital disharmony four and a half years post partum. Effects on parent-child relationships and child development. Nettelbladt P, et al. **Acta Psychiatr Scand** 1985 Apr; 71(4):392-401

Exercise testing to enhance wives' confidence in their husbands' cardiac capability soon after clinically uncomplicated acute myocardial infarction. Taylor CB, et al. **Am J Cardiol** 1985 Mar 1;55(6):635-8

Perceived marital and family environment of opiate addicts. Kosten TR, et al. **Am J Drug Alcohol Abuse** 1984; 10(4):491-501

Re: Mortality of widowed vs. married [letter] Brenner JL, et al. **Am J Epidemiol** 1985 Oct;122(4):721-3

The relationship between wives' social and psychologic status and their husbands' coronary heart disease. A case-control family study from the Western Collaborative Group Study. Carmelli D, et al. **Am J Epidemiol** 1985 Jul;122(1):90-100

Re: 'Is an educated wife hazardous to your health'? Vernon SW, et al. **Am J Epidemiol** 1985 Jul;122(1):191-4

Children of marital violence: a closer look at the unintended victims. Hershorn M, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):260-6

Population structure in the Connecticut Valley. I. Marital migration. Swedlund AC, et al. **Am J Phys Anthropol** 1984 Sep;65(1):61-70

Depression in the spouses of demented patients. Goldman LS, et al. **Am J Psychiatry** 1984 Nov;141(11):1467-8

Overview: the female physician and her marriage. Myers MF. **Am J Psychiatry** 1984 Nov;141(11):1386-91 (50 ref.)

Sex-role attributes, gender, and postpartal perceptions of the marital relationship. Lenz ER, et al. **ANS** 1985 Apr; 7(3):49-62

Inbreeding and matrimonial structure in a Pyrenean community (Ansó, Huesca, Spain), 1712-1982. Valls A. **Anthropol Anz** 1985 Mar;43(1):59-68

Wives know. Hardison JE. **Arch Intern Med** 1984 Oct; 144(10):2045

Spinal cord injury: its short-term impact on marital status. DeVivo MJ, et al. **Arch Phys Med Rehabil** 1985 Aug; 66(8):501-4

An exotic reaction to tubal ligation. Lockwood S. **Aust Fam Physician** 1984 Jun;13(6):446-7

Marital and family breakdown. Thoughts on the role of doctors, lawyers and behavioural scientists. Moloney L. **Aust Fam Physician** 1985 May;14(5):434-40

The sources of stress on the wives of commercial airline pilots. Cooper CL, et al. **Aviat Space Environ Med** 1985 Apr;56(4):317-21

A note on the generalized effects of assortative mating. Eaves LJ, et al. **Behav Genet** 1984 Jul;14(4):371-6

Resolving the effects of phenotype and social background on mate selection. Heath AC, et al. **Behav Genet** 1985 Jan; 15(1):15-30

No decline in assortative mating for educational level. Heath AC, et al. **Behav Genet** 1985 Jul;15(4):349-69

Spouse involvement and a possible long-term follow-up trap in weight loss. Black DR, et al. **Behav Res Ther** 1984; 22(5):557-62

The efficacy of parent training with maritally distressed and nondistressed mothers: a multimethod assessment. Brody

GH, et al. **Behav Res Ther** 1985;23(3):291-6

The association between parental personal/marital adjustment and parent-child interactions in a clinic sample. Forehand R, et al. **Behav Res Ther** 1985;23(2):211-2

Evaluation of a pamphlet on genetic counseling services for couples obtaining a marriage license. Peterson AG, et al. **Birth Defects** 1984;20(6):157-68

Psychological profile of the spouse of the female agoraphobic patient. Personality and symptoms. Arrindell WA, et al. **Br J Psychiatry** 1985 Apr;146:405-14

The relationship between scores on Ryle's Marital Patterns Test and independent ratings of marital quality. Birtchnell J. **Br J Psychiatry** 1985 Jun;146:638-44

Marital adjustment and treatment outcome in agoraphobia. Monteiro W, et al. **Br J Psychiatry** 1985 Apr;146:383-90

Mates of schizophrenic mothers. A study of assortative mating from the American-Danish high risk project. Parnas J. **Br J Psychiatry** 1985 May;146:490-7

Marital intimacy and depression. Waring EM, et al. **Br J Psychiatry** 1984 Dec;145:641-4

Life changes: death of a spouse. Elder AH. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):665-7

Marital adjustment and fatherhood. Robson B, et al. **Can J Psychiatry** 1985 Apr;30(3):169-72

Marital and parent-child relationships in family of origin and marital change following the birth of a baby: a retrospective analysis. Belsky J, et al. **Child Dev** 1985 Apr;56(2):342-9

The measure of marital satisfaction: a questionnaire to screen parents for marital problems. Kelso J, et al. **Child Psychiatry Hum Dev** 1984 Winter;15(2):86-103

The effects of abortion on a marriage. Mattinson J. **Ciba Found Symp** 1985;115:165-77

Polymyalgia rheumatica/giant cell arteritis in husband and wife. Kyle MV, et al. **Clin Rheumatol** 1984 Sep;3(3):395-6

A review of the research on conjugal bereavement: impact on health and efficacy of intervention. Windholz MJ, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):433-47

The impact of international migration upon the timing of marriage and childbearing. Carlson ED. **Demography** 1985 Feb;22(1):61-72

Changes in widowhood and divorce and expected durations of marriage. Goldman N. **Demography** 1984 Aug;21(3):297-307

Childbearing and family in remarriage. Griffith JD, et al. **Demography** 1985 Feb;22(1):73-88

Individual and couple intentions for more children: a research note. Morgan SP. **Demography** 1985 Feb;22(1):125-32

Job characteristics of spouses and their work shifts. Presser HB. **Demography** 1984 Nov;21(4):575-89

Census-derived estimates of fertility by duration since first marriage in the Republic of Korea. Retherford RD, et al. **Demography** 1984 Nov;21(4):537-58

Changing patterns of first marriage in the United States. Rodgers WL, et al. **Demography** 1985 May;22(2):265-79

Marriage and divorce in twentieth century American cohorts. Schoen R, et al. **Demography** 1985 Feb;22(1):101-14

Can spouses be trusted? A look at husband/wife proxy reports. Williams R, et al. **Demography** 1985 Feb;22(1):115-23

The young adult with diabetes: impact of the disease on marriage and having children. Ahlfield JE, et al. **Diabetes Care** 1985 Jan-Feb;8(1):52-6

Neuropsychological and emotional correlates of marital status and ability to live independently in individuals with epilepsy. Batzel LW, et al. **Epilepsia** 1984 Oct;25(5):594-8

The effect of marital dissolution on contraceptive protection. Bumpass L, et al. **Fam Plann Perspect** 1984 Nov-Dec;16(6):271-4

Out-of-wedlock births, premarital pregnancies and their effect on family formation and dissolution. O'Connell M, et al. **Fam Plann Perspect** 1984 Jul-Aug;16(4):157-62

Methods for analyzing marital conflict discourse: implications of a systems approach. Rogers LE, et al. **Fam Process** 1985 Jun;24(2):175-87

Work, retirement, and well-being among unmarried men and women. Keith PM. **Gerontologist** 1985 Aug;25(4):410-6

Chronic pain and marital difficulties. Roy R. **Health Soc Work** 1985 Summer;10(3):199-207

Human assortative mating for height: non-linearity and heteroscedasticity. McManus IC, et al. **Hum Biol** 1984 Dec;56(4):617-23

Consanguineous marriages in the Upper Bologna Appennine (1565-1980): microgeographic variations, pedigree structure and correlation of inbreeding secular trend with changes in population size. Pettener D. **Hum Biol** 1985 May;57(2):267-88

A longitudinal study on morbidity pattern amongst housewives in rural Rajasthan. Sharma RS, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):132-8

Consanguineous marriage among rural Arabs in Israel. Freundlich E, et al. **Isr J Med Sci** 1984 Nov;20(11):1035-8

Attribution processes in distressed and nondistressed couples: 2. Responsibility for marital problems. Fincham FD. **J Abnorm Psychol** 1985 May;94(2):183-90

Loss of control, self-blame, and depression: an investigation of spouse caregivers of Alzheimer's disease patients. Pagel MD, et al. **J Abnorm Psychol** 1985 May;94(2):169-82

Relationship of gender and marital status with symptomatology in psychotic patients. Walker E, et al. **J Abnorm Psychol** 1985 Feb;94(1):42-50

Marital adjustment in major depression. Merikangas KR, et al. **J Affective Disord** 1985 Jul;9(1):5-11

Working women, working lovers: the effect of our multiple roles on intimacy. Tuohey MK. **J Am Med Wom Assoc** 1985 May-Jun;40(3):92-3

Assortative mating for height in Pakistani arranged marriages. Ahmad M, et al. **J Biosoc Sci** 1985 Apr;17(2):211-4

Assortative mating for colour in Indian populations. Banerjee S. **J Biosoc Sci** 1985 Apr;17(2):205-9

Double suicides: four modal cases. Young D, et al. **J Clin Psychiatry** 1984 Nov;45(11):470-2

A valid procedure for obtaining self-report of affect in marital interaction. Gottman JM, et al. **J Consult Clin Psychol** 1985 Apr;53(2):151-60

Interspousal reliability of reports of marital violence. Jouriles EN, et al. **J Consult Clin Psychol** 1985 Jun;53(3):419-21

Outpatient group treatment of chronic pain: effects of spouse involvement. Moore JE, et al. **J Consult Clin Psychol** 1985 Jun;53(3):326-34

Effects of marital role problems and the self-concept on wives' depressed mood. Schafer RB. **J Consult Clin Psychol** 1985 Aug;53(4):541-3

The relationship of marital status and living arrangement to stress among dental students. Musser LA, et al. **J Dent Educ** 1985 Aug;49(8):573-8

The stressfulness of daily social roles for women: marital, occupational and household roles. Kandel DB, et al. **J Health Soc Behav** 1985 Mar;26(1):64-78

Women of polygamous marriages in an inpatient psychiatric service in Kuwait. Chaleby K. **J Nerv Ment Dis** 1985 Jan;173(1):56-8

The relationship between depression and marital maladjustment. A descriptive study. Crowther JH. **J Nerv Ment Dis** 1985 Apr;173(4):227-31

Marital status of schizophrenic and alcoholic patients. Reich J, et al. **J Nerv Ment Dis** 1985 Aug;173(8):499-502

Mothers' postpartum perceptions of spousal relationships. Ellis DJ, et al. **J Obstet Gynecol Neonatal Nurs** 1985 Mar-Apr;14(2):140-6

Conjoint treatment of spouses: clinical experiences. Albretsen CS. **J Oslo City Hosp** 1985 Jun;35(6):77-81

The similarity of periodontal microorganisms between husband and wife cohabitants. Association or transmission? Offenbacher S, et al. **J Periodontol** 1985 Jun;56(6):317-23

Causal attributions of married couples: when do they search for causes? What do they conclude when they do? Holtzworth-Munroe A, et al. **J Pers Soc Psychol** 1985 Jun;48(6):1398-412

Physiological and affective predictors of change in relationship satisfaction. Levenson RW, et al. **J Pers Soc Psychol** 1985 Jul;49(1):85-94

Life with an alcohol-abusing husband. Is there marriage after drink? [interview] **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):30-3

For better or for worse. Brown K, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):18-23

Anorexia tardive--late onset marital anorexia nervosa. Dally P. **J Psychosom Res** 1984;28(5):423-8

Counselling marital stress and breakdown. Drury R. **J R Soc Health** 1984 Oct;104(5):167-70

'Some ailment in the spiritual part'. Vincent C. **J R Soc Med** 1985;78 Suppl 8:26-7

The quality and quantity of marital intimacy in the marriages of psychiatric patients. Patton D, et al. **J Sex Marital Ther** 1984 Fall;10(3):201-6

Effects of intoxication on alcoholics' marital communication and problem solving. Frankenstein W, et al. **J Stud Alcohol** 1985 Jan;46(1):1-6

Wives' ischemic heart disease linked with husbands' smoking [news] Gunby P. **JAMA** 1985 May 24-31;253(20):2945

For better, for worse [editorial] **Lancet** 1985 Aug 10;2(8450):315

Daughter neglect, women's work, and marriage: Pakistan and Bangladesh compared. Miller BD. **Med Anthropol** 1984 Spring;8(2):109-26

Life satisfaction for military wives. Martin JA. **Milit Med** 1984 Sep;149(9):512-4

Mycosis fungoides in husband and wife. Wooldridge WE, et al. **Mo Med** 1985 Apr;82(4):201-2

Historical notes on cancer in married couples. Onuigbo WI. **Neth J Surg** 1984 Aug;36(4):112-5

Spouse support and myocardial infarction patient compliance. Hilbert GA. **Nurs Res** 1985 Jul-Aug;34(4):217-20

Bowen's concept of triangles and Edward Albee's 'Who's Afraid of Virginia Woolf?' Hickey BA. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):51-6

Depression and marriage. Roy A. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):101-3

Early object-relations conflicts in marital interaction. Calogeras RC. **Psychoanal Rev** 1985 Spring;72(1):31-53

Psychiatric patients who marry each other. Shanks J, et al. **Psychol Med** 1985 May;15(2):377-82

Psychotherapy for the spouses of lung cancer patients: assessment of an intervention. Goldberg RJ, et al. **Psychother Psychosom** 1985;43(3):141-50

Teenage marriages in Singapore. Tay JS, et al. **Singapore Med J** 1984 Aug;25(4):216-24

Becoming voluntarily childless: an exploratory study in a Scottish city. Campbell E. **Soc Biol** 1983 Fall;30(3):307-17

Childlessness: a panel study of expressed intentions and reported fertility. Pol LG. **Soc Biol** 1983 Fall;30(3):318-27

Voluntary and involuntary childlessness in the United States, 1955-1973. Poston DL Jr, et al. **Soc Biol** 1983 Fall;30(3):290-306

Fertility effects of isolated spouse separations in relation to their timing. Potter RG, et al. **Soc Biol** 1983 Fall;30(3):279-89

Marital status and depression among Mexican Americans. Markides KS, et al. **Soc Psychiatry** 1985;20(2):86-91

Status of life-areas: congruence/noncongruence in ESRD patient and spouse perceptions. Gray H, et al. **Soc Sci Med** 1985;20(4):341-6

Marital dissolution and health: do males or females have greater risk? Riessman CK, et al. **Soc Sci Med** 1985;20(6):627-35

The psycho-social consequences of intermittent husband absence: an epidemiological study. Taylor R, et al. **Soc Sci Med** 1985;20(9):877-85

Report on the earnings sharing implementation study. **Soc Secur Bull** 1985 Mar;48(3):31-41

Attitudes toward marriage and childbearing of individuals at risk for Huntington's disease. Schoenfeld M, et al. **Soc Work Health Care** 1984 Summer;9(4):73-81

Making the break. Brailey M. **Sociol Rev [Monogr]** 1985;(31):26-39

Refuges and self-help. Clifton J. **Sociol Rev [Monogr]** 1985;(31):40-59

Doing his best to sustain the sanctity of marriage. Freeman MD. **Sociol Rev [Monogr]** 1985;(31):124-46

Personal relationships: help and hindrance. Homer M, et al. **Sociol Rev [Monogr]** 1985;(31):93-108

The burden of dependency. Homer M, et al. **Sociol Rev [Monogr]** 1985;(31):77-92

Police, social work and medical responses to battered women. Johnson N. **Sociol Rev [Monogr]** 1985;(31):109-23

Domestic violence and the law: the 1976 Act and its aftermath. Maidment S. **Sociol Rev [Monogr]** 1985;(31):4-25

Constructing images of deviance: a look at state intervention into the problem of wife-battery. Morgan PA. **Sociol Rev [Monogr]** 1985;(31):60-76

The 'battered husband syndrome': social problem or much ado about little? Pagelow MD. **Sociol Rev [Monogr]** 1985;(31):172-95

Women-battering, child abuse and social heredity: what is the relationship? Stark E, et al. **Sociol Rev [Monogr]** 1985;(31):147-71

Meditation upon endogamous marriages. Forrai G. **Ther Hung** 1982;30(2):103-6 (0 ref.)

Sexual and marital relationships after treatment for nonseminomatous testicular cancer. Schover LR, et al. **Urology** 1985 Mar;25(3):251-5

The retired husband syndrome. Johnson CC. **West J Med** 1984 Oct;141(4):542-5

Personality and attitude variables of women and their spouses as predictors of women's experience of pregnancy. Lips HM. **Zentralbl Gynakol** 1984;106(19):1325-37

[Educating for marriage and responsible parenthood in the field of health care] Dunovský J. **Cas Lek Cesk** 1985 Mar 8;124(10):289-92 **(Cze)**

[The effect of the family environment on the self-confidence, the identification process and choice of a life partner in sexually dysfunctional men] Sípová I. **Cas Lek Cesk** 1985 May 17;124(20):626-30 (Eng. Abstr.) **(Cze)**

[Genetic counseling in planned and existing homogamy] Kofer J. **Cesk Pediatr** 1985 Jun;40(6):358-9 **(Cze)**

[Tasks of family-oriented obstetrics in the maternity ward] Schulze G, et al. **Zentralbl Gynakol** 1984;106(15):1068-76 (Eng. Abstr.) **(Ger)**

[Marriage, patients and ghosts] Sampaio D. **Acta Med Port** 1985 Feb;6(2):41-3 **(Por)**

MARROW see **BONE MARROW**

MARSH-BENDALL FACTOR see **MUSCLE RELAXING FACTOR**

MARSUPIALIA

Salmonella infections in a marsupial, the quokka (Setonix brachyurus), in relation to seasonal changes in condition and environmental stress. Hart RP, et al. **Appl Environ Microbiol** 1985 May;49(5):1276-81

Isolation of Chlamydia psittaci from koalas (Phascolarctos cinereus). Brown AS, et al. **Aust Vet J** 1984 Dec;61(12):413

Poxvirus in marsupial skin lesions. Rothwell TL, et al. **Aust Vet J** 1984 Dec;61(12):409-10

Caught on the hop [letter] Love JB, et al. **Chest** 1985 Jun;87(6):843-4

Systemic arterial calcinosis in a grey tree kangaroo Dendrolagus inustus, resembling Mönckeberg type arteriosclerosis in man. Schoon HA, et al. **J Comp Pathol** 1985 Jul;95(3):319-24

Cutaneous and respiratory tract infection with Mycobacterium ulcerans in two koalas (Phascolarctos cinereus). McOrist S, et al. **J Wildl Dis** 1985 Apr;21(2):171-3

Experimental studies of the anatomical and functional characteristics of kangaroo aortic valve bioprostheses. Weinhold C, et al. **Life Support Syst** 1984 Apr-Jun;2(2):121-5

Skin ulcers caused by Mycobacterium ulcerans in koalas near Bairnsdale, Australia. Mitchell PJ, et al. **Pathology** 1984 Jul;16(3):256-60

Chlamydia infection and infertility in the female koala (Phascolarctos cinereus). McColl KA, et al. **Vet Rec** 1984

Dec 22-29;115(25-26):655

[Pathology of the digestive tract in kangaroos. A review based on our own study results] Schoon HA, et al. **Tierarztl Prax** 1985;13(2):241-53 (71 ref.) (Eng. Abstr.) **(Ger)**

ANATOMY & HISTOLOGY

On the nature of the opaque and translucent enamel regions of some macropodinae (Macropus giganteus, Wallabia bicolor and Peradorcas concinna). Palamara J, et al. **Cell Tissue Res** 1984;238(2):329-37

The structure and distribution of nasal glands in four marsupial species. Kratzing JE. **J Anat** 1984 Oct;139 (Pt 3):553-64

Structure of the oviducal epithelium of the brush-tailed possum (Trichosurus vulpecula). Arnold R, et al. **J Reprod Fertil** 1985 Jan;73(1):9-19

BLOOD

High performance liquid chromatographic profiles of nucleosides, bases and tryptophan in the plasma of the Tasmanian devil and four other marsupial species. Sallis JD, et al. **Comp Biochem Physiol [B]** 1984;79(3):391-4

The effect of prostaglandin F2 alpha analog on the plasma concentration of progesterone in the bandicoot, Isoodon macrourus (Marsupialia:Peramelidae), during lactation. Gemmell RT. **Gen Comp Endocrinol** 1985 Mar;57(3):405-10

Seasonal variations in plasma testosterone concentrations in the male marsupial bandicoot Isoodon macrourus in captivity. Gemmell RT, et al. **Gen Comp Endocrinol** 1985 Aug;59(2):184-91

Identification of the major steroids in ovarian and adrenal venous plasma of the brush-tail possum (Trichosurus vulpecula) and changes in the peripheral plasma levels of oestradiol and progesterone during the reproductive cycle. Curlewis JD, et al. **J Endocrinol** 1985 Apr;105(1):53-62

Peripheral androgen levels in the male brush-tail possum (Trichosurus vulpecula). Curlewis JD, et al. **J Endocrinol** 1985 Apr;105(1):63-70

Seasonal and circadian patterns of circulating prolactin during lactation and seasonal quiescence in the tammar, Macropus eugenii. Hinds LA, et al. **J Reprod Fertil** 1985 May;74(1):173-83

Response in peripheral plasma melatonin to photoperiod change and the effects of exogenous melatonin on seasonal quiescence in the tammar, Macropus eugenii. McConnell SJ, et al. **J Reprod Fertil** 1985 Mar;73(2):529-38

GENETICS

Ribosomal gene reiteration in a marsupial species with an X-linked nucleolar organizer. Robins AJ, et al. **Aust J Biol Sci** 1984;37(4):211-5

Gene mapping in marsupials and monotremes. I. The chromosomes of rodent-marsupial (Macropus) cell hybrids, and gene assignments to the X chromosome of the grey kangaroo. Dawson GW, et al. **Chromosoma** 1984;91(1):20-7

G-banding evidence for a conserved complement in the Marsupialia. Rofe R, et al. **Cytogenet Cell Genet** 1985; 39(1):40-50

Glucose-6-phosphate dehydrogenase expression in heterozygous kangaroo embryos and extra-embryonic membranes. Johnston PG, et al. **Genet Res** 1985 Apr; 45(2):205-8

GROWTH & DEVELOPMENT

Brown fat, thermogenesis and physiological birth in a marsupial. Loudon A, et al. **Comp Biochem Physiol [A]** 1985;81(4):815-9

Postnatal development of primary visual projections in the tammar wallaby (Macropus eugenii). Wye-Dvorak J. **J Comp Neurol** 1984 Oct 1;228(4):491-508

IMMUNOLOGY

Immunology of pouch young marsupials. I. Levels of immunoglobulin transferrin and albumin in the blood and milk of euros and wallaroos (hill kangaroos: Macropus robustus, marsupialia). Deane EM, et al. **Dev Comp Immunol** 1984 Fall;8(4):863-76

METABOLISM

Metabolism of exogenous noradrenaline in slices of hypothalamus and caudate nucleus of the brush-tail possum, Trichosurus vulpecula. Minson JB, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):325-40

Oestradiol in follicular fluid and in utero-ovarian venous and peripheral plasma during parturition and postpartum oestrus in the tammar, Macropus eugenii. Harder JD, et al. **J Reprod Fertil** 1984 Nov;72(2):551-8

Levels of trace elements in the liver and diet of free-living koalas, Phascolarctos cinereus (Goldfuss). McOrist S, et al. **J Wildl Dis** 1984 Jul;20(3):220-5

MICROBIOLOGY

Macropodid herpesviruses 1 and 2: two herpesviruses from Australian marsupials differentiated by restriction endonucleases, DNA composition and hybridization. Brief report. Johnson MA, et al. **Arch Virol** 1985;85(3-4):313-9

Systemic candidiasis in a grey kangaroo. Dixon RJ, et al. **Aust Vet J** 1984 Sep;61(9):308

PARASITOLOGY

Natural hosts of Leishmania mexicana amazonensis Lainson and Shaw, 1972 (Kinetoplastida: Trypanosomatidae) in French Guiana. Dedet JP, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):302-5

[Natural hosts of Trypanosoma cruzi in French Guiana. High endemicity of zymodeme 1 in wild marsupials] Dedet JP, et al. **Ann Parasitol Hum Comp** 1985;60(2):111-7 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Propagation of pressure pulse in kangaroo arterial system. Avolio AP, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R335-40

Factors influencing the release of noradrenaline from hypothalamic slices of the possum, Trichosurus vulpecula. Minson JB, et al. **Aust J Exp Biol Med Sci** 1984 Jun;62 (Pt 3):341-54

Ultrastructure of the epididymis of the tammar, Macropus eugenii, and its relationship to sperm maturation. Jones RC, et al. **Cell Tissue Res** 1984;237(3):525-35

Electrolyte composition of parotid saliva from sodium-replete red kangaroos (Macropus rufus). Beal AM. **J Exp Biol** 1984 Jul;111:225-37

Plasma concentrations of progesterone and 13,14-dihydro-15-keto-prostaglandin F-2 alpha during regression of the corpora lutea of lactation in the bandicoot (Isoodon macrourus). Gemmell RT. **J Reprod Fertil** 1984 Nov;72(2):295-9

Effects of oestradiol-17 beta on peripheral plasma concentrations of LH and FSH in ovariectomized tammars (Macropus eugenii). Horn CA, et al. **J Reprod Fertil** 1985 Mar;73(2):585-92

MASKING, PERCEPTUAL see **PERCEPTUAL MASKING**

MASKS

Continuous positive airway pressure by face mask in acute cardiogenic pulmonary edema. Räsänen J, et al. **Am J Cardiol** 1985 Feb 1;55(4):296-300

Mouth to mask ventilation [letter] Loong ED, et al. **Anaesth Intensive Care** 1985 May;13(2):215

A new resuscitation mask [letter] Sivaneswaran N, et al. **Anaesth Intensive Care** 1984 Aug;12(3):274-5

Modified mask for failed intubation at emergency caesarean section [letter] Sivaneswaran N, et al. **Anaesth Intensive Care** 1984 Aug;12(3):279-80

Influence of mask design on bag-mask ventilation. Stewart RD, et al. **Ann Emerg Med** 1985 May;14(5):403-6

Trial of the use of masks in the gynaecological operating theatre. Chamberlain GV, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):432-3

Pocket mask ventilation: a critical reappraisal. Maull KI. **Arch Emerg Med** 1984 Sep;1(3):161-3

The efficacy of face masks [letter] Caplin RL. **Br Dent J** 1985 Apr 6;158(7):242

The efficacy of face-masks. Craig DC, et al. **Br Dent J** 1985 Feb 9;158(3):87-90

Custom-fabricated masks for aeromechanical measures. Kastner CU, et al. **Cleft Palate J** 1985 Jul;22(3):197-204

Toxic eye injury during induction of anesthesia. Murray WJ, et al. **South Med J** 1985 Aug;78(8):1012-3

[Individual face masks as aids in quasi-3-D planning and completion of irradiation of tumors of the head and neck] Willich N, et al. **Strahlentherapie** 1984 Sep;160(9):557-61 (Eng. Abstr.) **(Ger)**

[Gaps in asepsis due to surgical caps, face masks, external surfaces of infusion bottles and sterile wrappers of disposable articles] Gräf W, et al. **Zentralbl Bakteriol Mikrobiol Hyg [B]** 1984 Dec; 179(6):508-28 (Eng. Abstr.) **(Ger)**

STANDARDS

Face seal leakage of half masks and surgical masks. Tuomi T. **Am Ind Hyg Assoc J** 1985 Jun;46(6):308-12

An evaluation of the efficiency of face masks in the resuscitation of newborn infants. Palme C, et al. **Lancet** 1985 Jan 26;1(8422):207-10

MASOCHISM

Depression, masochism, and biology. Asch SS. **Hillside J Clin Psychiatry** 1985;7(1):34-53

Masochistic pathology and feminine development. Bernstein I. **J Am Psychoanal Assoc** 1983;31(2):467-86

The relation between masochism and depression. Caston J. **J Am Psychoanal Assoc** 1984;32(3):603-14

Self-harmful sexual behavior. Hucker SJ. **Psychiatr Clin North Am** 1985 Jun;8(2):323-37 (68 ref.)

MASS BEHAVIOR

see related
CIVIL DISORDERS
RIOTS

The psychology of the crowd--a social psychological analysis of British football 'hooliganism'. Ingram R. **Med Sci Law** 1985 Jan;25(1):53-8

[Collective psychoses] Zbinden JD. **Schweiz Rundsch Med Prax** 1985 Jul 16;74(29):774-8 (Eng. Abstr.) **(Fre)**

[Patricide. On the background of Freud's 'mass psychology and ego analysis'] van Ginneken J. **Psyche (Stuttg)** 1984 Dec;38(12):1124-48 (Eng. Abstr.) **(Ger)**

MASS CHEST X-RAY

[Efficacy of mass roentgenography in occupational groups] Nakamura T. **Kekkaku** 1985 Apr;60(4):283-5 (Eng. Abstr.) **(Jpn)**

[Value of registered radiophotographic studies for the detection of pulmonary tuberculosis in Wrocław] Mós R, et al. **Pneumonol Pol** 1984 Oct;52(10):497-502 (Eng. Abstr.) **(Pol)**

[Electroroentgenography in the supplementary examination of patients with coniotuberculosis detected on preventive fluorography] Sokolik LI, et al. **Probl Tuberk** 1984 Nov; (11):31-3 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Population doses, excess deaths and loss of life expectancy from mass chest x-ray examinations in Japan--1980. Kumamoto Y. **Health Phys** 1985 Jul;49(1):37-48

METHODS

Current tuberculosis screening practices. Snider DE Jr, et al. **Am J Public Health** 1984 Dec;74(12):1353-6

[New developments in mass roentgen studies] Werner E. **Z Gesamte Inn Med** 1984 Dec 15;39(24):627-9 (Eng. Abstr.) **(Ger)**

[Meanderings of radiophotography] Moskwa Z. **Wiad Lek** 1984 Nov 15;37(22):1825-8 **(Pol)**

[Automated system of processing fluorographic data] Aksel'rod GB, et al. **Sov Med** 1984;(9):69-72 **(Rus)**

ORGANIZATION & ADMINISTRATION

[Organization of the preventive examination of the population] Gul'chenko LK, et al. **Probl Tuberk** 1985; (2):13-4 (Eng. Abstr.) **(Rus)**

STANDARDS

[Relation between the course and efficacy of treating tuberculosis and the quality of the preceding fluorographic examination] Rybkina TA, et al. **Probl Tuberk** 1984 Nov; (11):8-10 (Eng. Abstr.) **(Rus)**

[Ways of improving the quality of uniform fluorography of the rural population] Taranenko MI, et al. **Probl Tuberk** 1984 Oct;(10):5-6 (Eng. Abstr.) **(Rus)**

TRENDS

[25 years of the district screening center in Mainz] Jantzen G. **Prax Klin Pneumol** 1984 Sep;38(9):412-6 (Eng. Abstr.) **(Ger)**

UTILIZATION

[Further experiences in the roentgen facility following conversion of mass roentgen examinations to voluntary participation] Giehrach A. **Off Gesundheitswes** 1984 Sep; 46(9):467-9 **(Ger)**

MASS FRAGMENTOGRAPHY

Gas chromatographic-mass spectrometric determination of myo-inositol in human cerebrospinal fluid. Swahn CG. **J Neurochem** 1985 Aug;45(2):331-4

Detection of cannabinoids by gas chromatography/mass spectrometry (GC/MS). Part III. Negative ion chemical ionization GC/MS of cannabinoids in human materials. Hattori H. **Nippon Hoigaku Zasshi** 1984 Jun;38(3):294-301

Comparison of radioimmunoassay and high-resolution gas chromatography mass spectrometry for the quantitative determination of serum thromboxane B2 and 6-keto-PGF1 alpha after pharmacological blockade of thromboxane synthetase. Chiabrando C, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):79-88

A method for measuring specific activities of 14C-labelled compounds by gas chromatography-mass spectrometry-computer system. Kanamaru H, et al. **Radioisotopes** 1985 Feb;34(2):67-71

[Quantification of phencyclidine in blood by mass fragmentography] Mizuki T, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):424-7 (Eng. Abstr.) **(Jpn)**

[Analysis of bile acids by gas chromatography-mass spectrometry] Murata N, et al. **Nippon Rinsho** 1984 Jul; 42(7):1583-9 **(Jpn)**

INSTRUMENTATION

Gas chromatography/multiphoton ionization Fourier transform mass spectrometry. Sack TM, et al. **Anal Chem** 1985 Jun;57(7):1290-5

Trace analysis by gas chromatography/mass spectrometry (GC/MS) using a tandem double-focusing/quadrupole instrument. Gaskell SJ, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):139-41

Evaluation of a benchtop capillary gas chromatograph-mass spectrometer for clinical toxicology. Deutsch DG, et al. **Clin Chem** 1985 May;31(5):741-6

[Connection of a 2d gas chromatograph to a standard gas chromatograph/mass spectrometer/computer system] Ullrich D. **Schriftenr Ver Wasser Boden Lufthyg** 1984; 59:61-6 **(Ger)**

[Evening of test data in computer-assisted analytic measuring systems] Kühnel C. **Z Med Lab Diagn** 1985;26(3):178-80 **(Ger)**

METHODS

Measurement of propericiazine in plasma by capillary gas chromatography and selected ion monitoring detection. De Leenheer AP, et al. **Biomed Mass Spectrom** 1985 Jan; 12(1):25-9

Gas chromatographic/mass spectrometric methodology for simultaneous assay of salsolinol, dopamine, norepinephrine, dihydroxyphenylacetic acid and dihydroxyphenylethanol. Duncan MW, et al. **Biomed Mass Spectrom** 1985 Mar; 12(3):106-14

Use of chemical ionization in gas chromatographic/mass spectrometric screening of human urine for disaccharides containing inositol. Lemonnier M, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):100-5

Collision-induced dissociation-mass-analysed ion kinetic energy (CID-MIKE) analysis of ions generated by fast atom bombardment of isomeric bile salts. Liehr JG, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):95-9

Gas chromatographic/mass spectrometric analysis of 19-nortestosterone urinary metabolites in man. Massé R, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):115-21

Direct monitoring of sequential enzymatic hydrolysis of peptides by thermospray mass spectrometry. Pilosof D, et al. **Biomed Mass Spectrom** 1984 Aug;11(8):403-7

Positive and negative liquid secondary ion mass spectrometry of chloro- and nitrophenylglucuronides. Wickramanayake PP, et al. **Biomed Mass Spectrom** 1985 Mar;12(3):127-33

Volatile carboxylic acid profiling in physiological fluids: direct injection into a gas chromatograph/mass spectrometer. Buchanan DN, et al. **Clin Chim Acta** 1985 Jan 30;145(2):183-91

Quantitation of cocaine, benzoylecgonine and ecgonine methyl ester by GC-CI-SIM after Extrelut extraction. Matsubara K, et al. **Forensic Sci Int** 1984 Nov;26(3):181-92

Rapid method for the GC/MS confirmation of 11-nor-9-carboxy-delta 9-tetrahydrocannabinol in urine. Baker TS, et al. **J Anal Toxicol** 1984 Nov-Dec;8(6):255-9

Development of quantitative analysis of plasma thromboxane B2 by gas chromatography-mass spectrometry. Tada M, et al. **Jpn Circ J** 1985 Mar;49(3):276-83

Determination of 3 beta-hydroxy-5-cholen-24-oic acid and its sulfate in human serum by gas chromatography-mass spectrometry. Tohma M, et al. **Steroids** 1984 Jul; 44(1):47-55

Detection of malathion in a victim by gas chromatography/negative ion chemical ionization mass spectrometry. Suzuki O, et al **Z Rechtsmed** 1985; 94(2):137-43

[Determination of salsolinol by gas chromatography-mass spectrometry and influence of foods on urinary salsolinol excretion] Matsubara K, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1985 Mar;20(1):50-9 (Eng. Abstr.) **(Jpn)**

[The simultaneous determination of plasma concentrations of norepinephrine, epinephrine and dopamine by gas chromatography-mass spectrometry] Kudo M, et al. **Masui** 1984 Oct;33(10):1099-103 (Eng. Abstr.) **(Jpn)**

[Progress in isolation and determination of steroid hormones: gas chromatography-mass spectrometry] Goto J, et al. **Nippon Rinsho** 1984 Nov;42(11):2525-9 (23 ref.) **(Jpn)**

STANDARDS

[The Deutsche Forschungsgemeinschaft: Recommendations for the installation of a gas chromatography/mass spectrometry linkage for clinical toxicological laboratories] **J Clin Chem Clin Biochem** 1984 Oct;22(10):699-700 **(Ger)**

MASS MEDIA

The effect of media involvement on transference. Bumpass ER, et al. **Am J Psychother** 1985 Apr;39(2):228-35

Research performed upon the mass-media stage--questions of reliability and ethics [editorial] Lesse S. **Am J Psychother** 1985 Jan;39(1):1-3

Media drug campaigns may be worse than a waste of money [editorial] **Br Med J [Clin Res]** 1985 Feb 9;290(6466):416

Will the government's mass media campaign on drugs work? Hansen A. **Br Med J [Clin Res]** 1985 Apr 6; 290(6474):1054-5

Gonorrhoea in homosexual men and media coverage of the acquired immune deficiency syndrome in London 1982-3. Weller IV, et al. **Br Med J [Clin Res]** 1984 Oct 20; 289(6451):1041

The effect of a media campaign on heart attack delay and decision times. Mitic WR, et al. **Can J Public Health** 1984 Nov-Dec;75(6):414-8

An overview and analysis of the Health Style campaign. Davis MF, et al. **Health Educ Q** 1984 Fall;11(3):253-72

Fashion alienation: older adults and the mass media. Kaiser SB, et al. **Int J Aging Hum Dev** 1984;19(3):203-21

Drinking and driving: toward a broader understanding of the role of mass media. Wallack L. **J Public Health Policy** 1984 Dec;5(4):471-96

Medicine and the media [editorial] Smail SA. **J R Coll Gen Pract** 1985 Aug;35(277):363-4

Mass media techniques to reduce smoking prevalence in staff groups. Philipp R. **J Soc Occup Med** 1985 Feb;35(1):27-9

Public health, public policy and 'neon' issues in ethics. Hicks N. **Med J Aust** 1985 Aug 5;143(3):104-7

Cigarette advertising and media coverage of smoking and health [letter] **N Engl J Med** 1985 Jun 27;312(26):1710-3

Loneliness and use of six mass media among college students. Austin BA. **Psychol Rep** 1985 Feb;56(1):323-7

Values, research questions, and the news media. [letter] Herek GM. **Science** 1984 Dec 7;226(4679):1142,1144

Public communication on donorcards: a comparison of persuasive styles. Winkel FW. **Soc Sci Med** 1984; 19(9):957-63

[An information program on child health] Vesin P. **Hygie** 1984 Dec;3(4):5-9 (Eng. Abstr.) **(Fre)**

[X-rays and the mass media] Fiumicelli A. **Clin Ter** 1984 Oct 15;111(1):79-80 **(Ita)**

UTILIZATION

[Evaluation of the quality of health education materials] Malinskaia NI, et al. **Sov Zdravookhr** 1984;(8):19-24 **(Rus)**

MASS SCREENING

A neonatal mass-screening for congenital adrenal hyperplasia in Japan. Shimozawa K, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):513-8

Risk and screening for colorectal cancer. Winawer SJ, et al. **Adv Intern Med** 1984;30:471-96 (69 ref.)

Screening for gastrointestinal bleeding. Bell RL. **Ala Med** 1984 Nov;54(5):9-10, 14

Neonatal screening and genetic counseling for sickle cell trait. Grossman LK, et al. **Am J Dis Child** 1985 Mar;139(3):241-4

Cervical cancer occurrence in Memphis and Shelby County, Tennessee, during 25 years of its cervical cytology screening program. Dunn JE Jr, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):861-4

A screening protocol for a prenatal population at risk for inherited hemoglobin disorders: results of its application to a group of Southeast Asians and blacks. Stein J, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):333-41

Prediction of risk of bronchopulmonary dysplasia. Cohen A, et al. **Am J Perinatol** 1983 Oct;1(1):21-2

VMA mass screening program of neuroblastoma for infants in Nagoya City, Japan. Kodama K, et al. **Am J Public Health** 1985 Feb;75(2):173-5

Hydatid disease in the Turkana District of Kenya. V. Problems of interpretation of data from a mass serological survey. French CM, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):213-8

Colonoscopy in asymptomatic individuals with a family history of colorectal cancer. Love RR, et al. **Arch Intern Med** 1984 Nov;144(11):2209-11

Screening for breast cancer in apparently well women. Croll J. **Aust Fam Physician** 1985 Apr;14(4):267, 270-2

The impact of screening on the incidence of cervical cancer in England and Wales. Parkin DM, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):150-7

Failure of the cervical cytology screening programme [letter] **Br Med J [Clin Res]** 1985 Jan 5;290(6461):75-7

Role of the occupational health service in increasing the uptake of rubella immunisation [letter] **Br Med J [Clin Res]** 1985 Feb 16;290(6467):560-1

Incidence of congenital hypothyroidism: retrospective study of neonatal laboratory screening versus clinical symptoms as indicators leading to diagnosis. Alm J, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1171-5

Screening for schistosomiasis among the Yemeni population in Eccles. Ganvir PL, et al. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):751-2

A case-control study of cervical cancer screening in north east Scotland. Macgregor JE, et al. **Br Med J [Clin Res]** 1985 May 25;290(6481):1543-6

Determining and costing outcome measures of school screening programs. Lapointe C, et al. **Can J Public Health** 1984 Jul-Aug;75(4):281-4

Scoliosis: to screen or not to screen. Wynne EJ. **Can J Public Health** 1984 Jul-Aug;75(4):277-80

Trial of early detection of breast cancer by mass screening. Abe R, et al. **Cancer** 1985 Sep 15;56(6):1479-83

Evaluation of three cervical cancer detection programs in Japan with special reference to cost-benefit analysis. Takenaga N, et al. **Cancer** 1985 May 15;55(10):2514-9

Twenty-three year's research on prevention of cervical cancer. Tao S, et al. **Chin Med J [Engl]** 1984 May; 97(5):379-84

Screening for cancer in adults. Eddy DM. **Ciba Found Symp** 1985;110:88-109

The value of preventive medicine. Screening in adults. Meade TW. **Ciba Found Symp** 1985;110:69-87

Screening and intervention for alcohol-related disease in middle-aged men: the Malmö Preventive Programme. Petersson B, et al. **Ciba Found Symp** 1985;110:143-63

Radial immunodiffusion assay of apolipoprotein B in blood dried on filter paper--a potential screening method for familial type II hypercholesterolaemia. Dudman NP, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):117-27

Newborn screening for ABO hemolytic disease. Levine DH, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):391-4

The MISCAN simulation program for the evaluation of screening for disease. Habbema JD, et al. **Comput Methods Programs Biomed** 1985 May;20(1):79-93

Screening by nurse clinicians in cancer prevention and detection. White LN, et al. **Curr Probl Cancer** 1985 Apr; 9(4):1-42

Infantile hypothyroidism then and now: the results of neonatal screening. Klein RZ. **Curr Probl Pediatr** 1985 Jan; 15(1):1-58

Screening of newborns for hemoglobinopathies: results in 5,484 patients. Law AS, et al. **Del Med J** 1985 Mar; 57(3):161-4

Predictive value of speech and language screening. Stevenson J. **Dev Med Child Neurol** 1984 Aug;26(4):528-38 (70 ref.)

Population screening for breast cancer by mammography in The Netherlands. Expectations, early results, negative effects and conditions for large-scale screening. Hendriks JH, et al. **Diagn Imag Clin Med** 1985;54(3-4):186-91

Significant reduction in advanced breast cancer. Results of the first seven years of mammography screening in Kopparberg, Sweden. Tabár L, et al. **Diagn Imag Clin Med** 1985;54(3-4):158-64

Screening for colorectal cancer in a Hungarian county. Ujszászy L, et al. **Endoscopy** 1985 May;17(3):109-12

Neonatal thyroid screening [editorial] Bickel H, et al. **Eur J Pediatr** 1984 Nov;143(1):6

First results of a regional neonatal thyroid screening programme in Hungary [letter] Károlyi G, et al. **Eur J Pediatr** 1984 Nov;143(1):76

Finnish national screening for hypothyroidism. Few false positives, early therapy. Virtanen M, et al. **Eur J Pediatr** 1984 Nov;143(1):2-5

The value of risk factors in screening for breast cancer. Stark AM. **Eur J Surg Oncol** 1985 Jun;11(2):147-50

Hepatitis viruses in southern Taiwan--mass survey of 2985 inhabitants. Chiou SS, et al. **Gastroenterol Jpn** 1984 Aug; 19(4):344-50

Screening for colorectal cancer: the issues. Winawer S, et al. **Gastroenterology** 1985 Mar;88(3):841-4

Opportunistic cervical cytology screening in the Dundee catchment area. Lang CC, et al. **Health Bull (Edinb)** 1985 Jul;43(4):156-66

Mass screening for breast cancer in Hiroshima Prefecture. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):703-7

Control of cancer of the cervix: feasibility of screening for premalignant lesions in an African environment. Mati JK, et al. **IARC Sci Publ** 1984;(63):451-63

Adolescent idiopathic scoliosis: epidemiology and treatment outcome in a large cohort of children six years after screening. Robitaille Y, et al. **Int J Epidemiol** 1984 Sep; 13(3):319-23

Evaluation of German cancer screening by cross-sectional data. Schwartz FW, et al. **Int J Epidemiol** 1984 Sep; 13(3):283-6

Screening for neonatal hypothyroidism in Israel during a 4-year period. Sack J, et al. **Isr J Med Sci** 1985 Jun; 21(6):485-9

Skin cancer detection clinics [letter] Biro L, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):375-6

Which prescriptive screening programmes are worth while? Chamberlain JM. **J Epidemiol Community Health** 1984 Dec; 38(4):270-7

Women who decline breast screening. Maclean U, et al. **J Epidemiol Community Health** 1984 Dec;38(4):278-83

Physician compliance with colorectal cancer screening (1978-1983): the impact of flexible sigmoidoscopy. Rodney WM, et al. **J Fam Pract** 1985 Mar;20(3):265-9

Long-term efficacy of screening for hypertension in a community. Radice M, et al. **J Hypertens** 1985 Jun; 3(3):255-9

A screening programme for the prospective prevention of Mediterranean anaemia in Latium: results of seven years' work. Bianco I, et al. **J Med Genet** 1984 Aug;21(4):268-71

Screening colorectal cancer--rational guidelines. Boone WT. **J Miss State Med Assoc** 1985 Jun;26(6):165-8

Short-term and long-term effects of a high blood pressure intervention program. Frate DA, et al. **J Miss State Med Assoc** 1984 Oct;25(10):267-70

Essential aspects of a medical screening program [letter] Demers RY, et al. **J Occup Med** 1985 Jan;27(1):6-7

Denver Developmental Screening Test: cultural variables [letter] Fung KP, et al. **J Pediatr** 1985 Feb;106(2):343

Problems of mass urine screening for misused drugs. Morgan JP. **J Psychoactive Drugs** 1984 Oct-Dec;16(4):305-17

Improving the effectiveness of cervical cancer screening. Ellman R, et al. **J R Coll Gen Pract** 1984 Oct; 34(267):537-42

Geriatric screening: a reappraisal of preventive strategies in the care of the elderly. Freer CB. **J R Coll Gen Pract** 1985 Jun;35(275):288-90

Audit of screening for hypertension in general practice. Hall JA. **J R Coll Gen Pract** 1985 May;35(274):243

Cervical screening [editorial] McPherson A. **J R Coll Gen Pract** 1985 May;35(274):219-20

Screening for colorectal cancer. Knoepp LF Jr. **J SC Med Assoc** 1985 Jul;81(7):383-5

Newborn mass screening in Japan--1984. Wada Y, et al. **Jinrui Idengaku Zasshi** 1984 Sep;29(3):277-86

Growth patterns of gastric carcinoma detected by mass survey. Kodama Y, et al. **Jpn J Surg** 1984 Sep;14(5):366-70

Breast cancer screening [letter] **Lancet** 1985 Jul 13; 2(8446):94-5

Screening of elderly women for thyroid dysfunction [letter] Falkenberg M, et al. **Lancet** 1985 May 25;1(8439):1222

Screening for neuroblastoma [letter] Pastore G, et al. **Lancet** 1984 Sep 29;2(8405):752

False premises and false promises of breast cancer screening. Skrabanek P. **Lancet** 1985 Aug 10;2(8450):316-20 (90 ref.)

Symposium proceedings. Screening and its scientific spin-off. Utrecht, The Netherlands, 5 October 1984. **Maturitas** 1985 May;7(1):1-83

A case-control study of endometrial cancer within a cohort. Baanders-van Halewijn EA, et al. **Maturitas** 1985 May; 7(1):69-76

Attempts to evaluate a non-randomized breast cancer screening programme (the 'DOM-project'). Collette HJ. **Maturitas** 1985 May;7(1):43-50

The assessment of lead time and length bias in the evaluation of screening programmes. Day NE. **Maturitas** 1985 May; 7(1):51-8

Endocrinological studies on breast cancer in the framework of a screening programme. de Waard F. **Maturitas** 1985 May;7(1):77-83

Model building on the basis of Dutch cervical cancer screening data. Habbema JD, et al. **Maturitas** 1985 May; 7(1):11-20

Effect of population screening for carcinoma of the uterine cervix in Finland. Hakama M. **Maturitas** 1985 May; 7(1):3-10

Breast screening [editorial] Russell IS. **Med J Aust** 1985 Jan 7;142(1):6-8

Antenatal hepatitis B screening [letter] Storrs WD, et al. **Med J Aust** 1985 Feb 18;142(4):280-1

Periodic mass screening for breast cancer. Björnsson S. **Nord Med** 1984;99(8-9):215-6

Eaten by worms: a comment on cervical screening [letter] Skrabanek P, et al. **NZ Med J** 1985 Aug 14;98(784):654

A demonstration project on cancer screening in rural Thailand: preliminary report. Lynch HT, et al. **Oncology** 1985;42(3):193-7

Screening for thyroid disorders in general practice. Jerrett WA. **Practitioner** 1985 Jul;229(1405):619-23

Breast screening. Part 1. Mammography. Tucker AK. **Practitioner** 1985 Mar;229(1401):217-8, 220-1

Maternal serum alpha-fetoprotein screening for neural tube defects. Results of a consensus meeting. **Prenat Diagn** 1985 Jan-Feb;5(1):77-83

The impact of maternal serum alpha fetoprotein screening on open neural tube defect births in north-east Scotland. Thom H, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):15-9

Screening for colorectal cancer: the rationale and a recent advance in the detection of fecal occult blood. Friend WG. **Prog Clin Biol Res** 1985;186:65-76

Examination of infants for both minor and major malformations to evaluate for possible teratogenic exposures. Holmes LB, et al. **Prog Clin Biol Res** 1985; 163B:59-63

Hemoquant--an approach to screening for fecal occult blood. McGill DB, et al. **Prog Clin Biol Res** 1985;186:45-56

Minor malformations in the neonate: utility in screening infants at risk of hidden major defects. Méhes K. **Prog Clin Biol Res** 1985;163C:45-9

Population screening: report of a workshop. Scriver CR. **Prog Clin Biol Res** 1985;163B:89-152

Screening of perinatal risk factors leading to deviations of physical development and/or mental retardation of the child and their prevention. Stembera Z, et al. **Prog Clin Biol Res** 1985;163B:81-5

The northeastern France birth defects monitoring system. Stoll C. **Prog Clin Biol Res** 1985;163B:157-62

Screening for colorectal neoplasia. Winchester DP. **Prog Clin Biol Res** 1985;186:13-21

Obesity in school children: is there a case for screening? Peckham C, et al. **Public Health** 1985 Jan;99(1):3-9

Southeast Asian refugees of Rhode Island: health screening. Bicho AJ, et al. **RI Med J** 1984 Aug;67(8):353-5

Ultrasonographic screening for gallstone disease in middle-aged women. Detection rate, symptoms, and biochemical features. Janzon L, et al. **Scand J Gastroenterol** 1985 Aug;20(6):706-10

Neonatal screening for sickle cell disease in the Eastern Province of Saudi Arabia. Al-Awamy BH, et al. **Trans R Soc Trop Med Hyg** 1984;78(6):792-4

Discovering asymptomatic non-precancerous lesions with cervical cytologic mass-screening campaigns: is it a benefit or a cost? Almasio P, et al. **Tumori** 1985 Jun 30;71(3):219-23

The value of endometrial cytology in a high risk population. Buratti E, et al. **Tumori** 1985 Feb 28;71(1):25-8

Urinary cytology in workmen engaged in the petrochemical industry with reference to non-industrial risk factors. Adolphs HD, et al. **Urol Res** 1985;13(2):61-5

Should the blood donor examination be used to screen for clinically hidden diseases and risk factors as a part of preventive medicine? **Vox Sang** 1984;47(5):379-91

School screening for scoliosis. One experience in California using clinical examination and moiré photography. Adler NS, et al. **West J Med** 1984 Nov;141(5):631-3

Screening for occult fecal blood: results of an initial voluntary community screening campaign. Jones FE, et al. **Wis Med J** 1984 May;83(5):24-8

[Early diagnosis of congenital hip dysplasia in Ostrava 1977-1983] Kundrát J, et al. **Acta Chir Orthop Traumatol Cech** 1985 Jul;52(4):332-5 (Eng. Abstr.) **(Cze)**

[Sensitivity to avian sensitin in tuberculin reactors in Belgium. A study by the Dutch-speaking Coordination Commission for Tuberculosis Control] Dobbelaer R. **Arch Belg** 1984; 42(5-6):311-24 (Eng. Abstr.) **(Dut)**

[Is screening for scoliosis useful?] Baecke JA, et al. **Ned Tijdschr Geneeskd** 1984 Oct 27;128(43):2028-32 (Eng. Abstr.) **(Dut)**

[Registration of carcinoma in situ and squamous cell carcinoma of the uterine cervix in the screening area of Nijmegen from 1 January 1970 through 31 July 1982] Klinkhamer PJ, et al. **Ned Tijdschr Geneeskd** 1984 Oct 20; 128(42):1979-83 (Eng. Abstr.) **(Dut)**

[10 years' national screening study of the incidence of phenylketonuria in the Netherlands; 3d report of the National Advisory Phenylketonuria Commission] Meijer WJ. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):74-6 (Eng. Abstr.) **(Dut)**

[Screening for raised serum phenylalanine levels in women of reproductive age in Volendam] Oorthuys JW, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):62-5 (Eng. Abstr.) **(Dut)**

[Decrease in breast cancer mortality due to mass screening with mammography; results of the Nijmegen mass screening project 1975-1981] Verbeek AL, et al. **Ned Tijdschr Geneeskd** 1985 Mar 9;129(10):451-4 (Eng. Abstr.) **(Dut)**

[Discovery of 4 new cases of leprosy in a South Tunisian location] Zahaf A, et al. **Acta Leprol (Geneve)** 1985 Jan-Mar;(96):79-82 (Eng. Abstr.) **(Fre)**

[Screening for endometrial carcinoma in a group at risk] Morack G, et al. **Arch Geschwulstforsch** 1984;54(5):415-22 (Eng. Abstr.) **(Ger)**

[Comparison of different audiometric procedures for infants less than 1 year old] Radü HJ. **HNO** 1985 Jun;33(6):271-4 (Eng. Abstr.) **(Ger)**

[Screening studies with the BOEL test for the early diagnosis of hearing loss in infants. Experiences with 4,622 cases] Fior R, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 May; 64(5):260-2 (Eng. Abstr.) **(Ger)**

[Attitude correlates of participation in cancer prevention studies] Schenk J. **Psychother Psychosom Med Psychol** 1984 Sep-Oct;34(9-10):252-8 (Eng. Abstr.) **(Ger)**

[Routine check-up in an asymptomatic population] Levy S, et al. **Harefuah** 1984 Jun 1;106(11):522-5 **(Heb)**

[Breast carcinoma and screening] Carenza L, et al. **Minerva Ginecol** 1984 Nov;36(11):719-25 (Eng. Abstr.) **(Ita)**

[Theoretical value and practical applicability of mass screening for carcinoma of the breast] De Felice C, et al. **Minerva Ginecol** 1984 Nov;36(11):727-31 (Eng. Abstr.) **(Ita)**

[Epidemiologic study on blood pressure in a group of 11 to 13-year-old children] Accornero M, et al. **Minerva Pediatr** 1984 Dec 31;36(23-24):1183-7 (Eng. Abstr.) **(Ita)**

[Screening for colorectal cancer based on our experience with early colorectal cancer and adenoma] Miyazaki I, et al. **Gan No Rinsho** 1985 Jan;31(1):52-6 (Eng. Abstr.) **(Jpn)**

[Studies on mass screening for gastric cancer in remote areas of Kochi Prefecture] Terada K, et al. **Gan No Rinsho** 1984 Oct;30(13):1675-9 (Eng. Abstr.) **(Jpn)**

[External compression and the appearance of calcification in gastric x-rays and abdominal echography] Yamada K. **Gan No Rinsho** 1985 May;31(5):531-6 (Eng. Abstr.) **(Jpn)**

[Chance proteinuria and hematuria] Sakai T, et al. **Nippon Rinsho** 1984 Jun;42(6):1464-74 **(Jpn)**

[Committee report on the mass screening of uterine cancer] **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1291-9 **(Jpn)**

[Studies on a cell sampling method in mass screening for uterine cervical cancer--comparison of data obtained with a cotton tipped applicator, wooden spatula and cotton tipped applicator plus colposcopy] Takahashi K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1117-24 (Eng. Abstr.) **(Jpn)**

[P. E. Lukomskii on the prevention of cardiovascular diseases and current approach to the mass prevention of arterial hypertension] Oganov RG, et al. **Kardiologiia** 1984 Sep; 24(9):8-13 **(Rus)**

[Experience with the detection of arterial hypertension in a population of males aged 30-59 in an urban polyclinic] Pavlov AA, et al. **Klin Med (Mosk)** 1984 Sep;62(9):49-55 (Eng. Abstr.) **(Rus)**

[Effectiveness of examining young children for helminthiases] Parpiev AM. **Med Parazitol (Mosk)** 1984 Nov-Dec;(6):76-7 **(Rus)**

[Analysis of the results of the Mantoux test with 2 TU PPD-L in mass testing of tuberculin sensitivity in children and adolescents] Iakhiaev AD, et al. **Probl Tuberk** 1984 Sep;(9):6-8 (Eng. Abstr.) **(Rus)**

[Early detection of rectal cancer in annual mass screening of the population] Kaĭrakbaev MK, et al. **Sov Med** 1985; (2):46-9 **(Rus)**

[Optimization of functional respiration studies during mass clinical examination of the population] Klement RF, et al. **Sov Med** 1984;(11):63-7 **(Rus)**

[Role of outpatient polyclinic institutions in providing the mass prophylaxis of cardiovascular diseases] Oganov RG, et al. **Ter Arkh** 1985;57(1):6-9 **(Rus)**

[The efficacy of outpatient examination of the female population for the early diagnosis of breast cancer] Demidov VP, et al. **Vopr Onkol** 1984;30(8):49-52 (Eng. Abstr.) **(Rus)**

[Study of the incidence of malignant tumors detected in mass screenings] Denisov LE, et al. **Vopr Onkol** 1985;31(4):16-21 (Eng. Abstr.) **(Rus)**

[Incidence of cervical cancer 5 years after mass screening in the community of Medveščak] Juras N, et al. **Acta Med Iugosl** 1984;38(3):197-202 (Eng. Abstr.) **(Ser)**

[A comprehensive program for fighting chronic non-infectious diseases in basic population groups--the Belec Study. I. Evaluation of the extent of the problem] Vuletić S, et al. **Lijec Vjesn** 1984 Nov-Dec; 106(11-12):443-7 (Eng. Abstr.) **(Ser)**

[Results of screening aimed at the early detection of malignant neoplasms of the uterus using a questionnaire] Burány B, et al. **Med Pregl** 1984;37(11-12):497-500 (Eng. Abstr.) **(Ser)**

[Results of Hemoccult screening of 45- to 65-year-old residents of the town of Ada with the goal of early detection of malignant neoplasms of the colon and rectum] Burany B, et al. **Med Pregl** 1985;38(1-2):77-81 (Eng. Abstr.) **(Ser)**

[Results of a questionnaire method of early detection of breast cancer in the town of Ada in 1982] Burány B, et al. **Med Pregl** 1985;38(3-4):185-8 (Eng. Abstr.) **(Ser)**

[Views on mass radiophotography in Belgrade from 1973 to 1982] Krulj S, et al. **Plucne Bolesti** 1984 Jan-Jun; 36(1-2):84-7 (Eng. Abstr.) **(Ser)**

[Preventive parasitologic examination of university students as part of taeniarhynchosis control] Straka S, et al. **Cas Lek Cesk** 1985 Aug 16;124(33):1041-4 (Eng. Abstr.) **(Slo)**

ECONOMICS

Psychological factors in cost-benefit analysis of somatic prevention. A study of the psychological effects of neonatal screening for alpha 1-antitrypsin deficiency. McNeil TF, et al. **Acta Paediatr Scand** 1985 May;74(3):427-32

Can we afford screening for neural tube defects? The South Wales experience. Hibbard BM, et al. **Br Med J [Clin Res]** 1985 Jan 26;290(6464):293-5

Screening of high-risk and general populations for gestational diabetes. Clinical application and cost analysis. Lavin JP Jr. **Diabetes** 1985 Jun;34 Suppl 2:24-7

Risk- and cost-benefit analyses of breast screening programs derived from absorbed dose measurements in The Netherlands. Zuur C, et al. **Diagn Imag Clin Med** 1985; 54(3-4):211-22

Cost benefits of hemoccult screening for colorectal carcinoma. Allison JE, et al. **Dig Dis Sci** 1985 Sep; 30(9):860-5

Occult blood screening for colorectal carcinoma: a critical review. Simon JB. **Gastroenterology** 1985 Mar;88(3):820-37 (154 ref.)

Antenatal screening for fetopelvic dystocias. A cost-effectiveness approach to the choice of simple indicators for use by auxiliary personnel. The Kasongo Project Team. **J Trop Med Hyg** 1984 Aug;87(4):173-83

Parasite screening and treatment among Indochinese refugees. Cost-benefit/utility and the General Health Policy Model. Anderson JP, et al. **JAMA** 1985 Apr 19; 253(15):2229-35

Cost-effective criteria for glucose screening. Marquette GP, et al. **Obstet Gynecol** 1985 Aug;66(2):181-4

[An economical method for research on serum triacylglycerols in mass screening] Zlatarev O, et al. **Vutr Boles** 1984;23(5):107-10 (Eng. Abstr.) **(Bul)**

INSTRUMENTATION

Photographic screening for strabismus among mentally retarded children. Philipsen A, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):268-73

A mobile mass screening unit for prostatic disease. Watanabe H, et al. **Prostate** 1984;5(5):559-65

[Automated devices and systems for mass prophylactic examinations in ophthalmology] Ananin VF, et al. **Oftalmol Zh** 1984;(7):434-6 **(Rus)**

[Use of automated systems in mass screening of the population] Kanep VV. **Sov Zdravookhr** 1984;(11):3-7 **(Rus)**

LEGISLATION & JURISPRUDENCE

Screening for HTLV-III antibodies--a government blunder? Bryan CS. **J SC Med Assoc** 1985 Apr;81(4):242-4

[How early are health disorders in the early statutory detection program for children recognized? An epidemiologic evaluation. I. The first year of life] Lajosi F, et al. **Off Gesundheitswes** 1985 Feb;47(2):72-9 **(Ger)**

[Roentgen studies in occupational fitness and monitoring examinations and in other preventive examinations] Schmidt G. **Radiol Diagn (Berl)** 1984;25(4):441-6 (Eng. Abstr.) **(Ger)**

METHODS

Colorectal health check. Norgard MJ, et al. **Ala Med** 1985 Feb;54(8):29-30

Iowa's system for screening and tracking high-risk infants. Blackman JA, et al. **Am J Dis Child** 1985 Aug; 139(8):826-31

Evaluation of a new tampon device for cytologic autocollection and mass screening of cervical cancer and its precursors. Bernstein A, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):351-5

Current tuberculosis screening practices. Snider DE Jr, et al. **Am J Public Health** 1984 Dec;74(12):1353-6

Premarital rubella vaccination program. Vogt RL, et al. **Am J Public Health** 1985 Sep;75(9):1088-9

Early lung cancer detection: summary and conclusions. **Am Rev Respir Dis** 1984 Oct;130(4):565-70

The National Cancer Institute Cooperative Early Lung Cancer Detection Program. Results of the initial screen (prevalence). Early lung cancer detection: Introduction. Berlin NI, et al. **Am Rev Respir Dis** 1984 Oct;130(4):545-9

Early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Memorial Sloan-Kettering study. Flehinger BJ, et al. **Am Rev Respir Dis** 1984 Oct;130(4):555-60

Early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Mayo Clinic study. Fontana RS, et al. **Am Rev Respir Dis** 1984 Oct; 130(4):561-5

Early lung cancer detection: results of the initial (prevalence) radiologic and cytologic screening in the Johns Hopkins study. Frost JK, et al. **Am Rev Respir Dis** 1984 Oct; 130(4):549-54

Screening for endometrial carcinoma by endouterine aspiration cytology with analysis of tumor markers in the aspirates. Development and application of a new screening technique. Niklasson O, et al. **Anal Quant Cytol** 1985 Mar; 7(1):61-8

Simulation model for gynecologic specimen classification in a high-resolution prescreening system. Ott R. **Anal Quant Cytol** 1984 Dec;6(4):262-71

Screening for bronchogenic carcinoma [editorial] Seidenfeld JJ. **Ann Intern Med** 1985 Jun;102(6):851-2

Screening for congenital hypothyroidism: the first decade. Barnes ND. **Arch Dis Child** 1985 Jun;60(6):587-92

Effectiveness of a pinhole method for visual acuity screening. Loewenstein JI, et al. **Arch Ophthalmol** 1985 Feb; 103(2):222-3

A survey of audiological services within the school system. Wall LG, et al. **ASHA** 1985 Jan;27(1):31-4

Selecting a screening cut-off point or diagnostic criterion for comparing prevalences of disease. Brownie C, et al. **Biometrics** 1984 Sep;40(3):675-84

The application of a sequential procedure with elimination as a method for the screening for metabolic diseases. Geertsema JC, et al. **Biometrics** 1984 Sep;40(3):663-73

Strategies for preventing and screening for coronary heart disease [editorial] Oliver MF. **Br Heart J** 1985 Jul;54(1):1-5

A computer simulation model for the practical planning of cervical cancer screening programmes. Parkin DM. **Br J Cancer** 1985 Apr;51(4):551-68

The value of contact procedures for tuberculosis in Edinburgh. Capewell S, et al. **Br J Dis Chest** 1984 Oct; 78(4):317-29

Age-sex registers as a screening tool for general practice: size of the wrong address problem [letter] Fraser RC. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):923-4

Role of the occupational health service in screening and increasing the uptake of rubella immunisation. Jachuck SJ, et al. **Br Med J [Clin Res]** 1985 Jan 12;290(6462):119-20

The pilot Missouri health effect study. Webb KB. **Bull Environ Contam Toxicol** 1984 Dec;33(6):662-72

Indirect screening for Schistosoma haematobium infection: a comparative study in Ghana and Zambia. Mott KE, et al. **Bull WHO** 1985;63(1):135-42

Diagnostic efficacy of screening tests for hereditary hemochromatosis. Borwein S, et al. **Can Med Assoc J** 1984 Oct 15;131(8):895-901

Screening of newborn infants for galactosemia in British Columbia. Kirby LT, et al. **Can Med Assoc J** 1985 May 1;132(9):1033-5

Validity and yield of a two-stage screening procedure for systemic lupus erythematosus. Hochberg MC, et al. **Clin Exp Rheumatol** 1983 Jan-Mar;1(1):67-71

Comparison of two screening tests for Streptococcus mutans and evaluation of their suitability for mass screenings and private practice. Newbrun E, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):325-31

Screening for gestational diabetes. Optimum timing and criteria for retesting. Jovanovic L, et al. **Diabetes** 1985 Jun; 34 Suppl 2:21-3

Antenatal screening using random blood glucose values. Lind T. **Diabetes** 1985 Jun;34 Suppl 2:17-20

Early pregnancy screening for intrauterine growth retardation. Cnattingius S, et al. **Early Hum Dev** 1984 Sep; 10(1-2):35-44

A high selective screening test for methamphetamine in human urine. Nakahara Y, et al. **Forensic Sci Int** 1984 Dec; 26(4):277-82

Maternal serum alpha-fetoprotein screening for neural tube defects. Report of a combined study in Germany and short overview on screening in populations with low birth prevalence of neural tube defects. Fuhrmann W, et al. **Hum Genet** 1985;69(1):47-61

ROC analysis of mammography and palpation for breast screening. Gohagan JK, et al. **Invest Radiol** 1984 Nov-Dec; 19(6):587-92

Screening for early detection of radiation-associated thyroid cancer: a pilot study. Ron E, et al. **Isr J Med Sci** 1984 Dec;20(12):1164-8

Recruitment of subjects for fecal occult blood screening: a comparison of two methods in Jerusalem. Slater PE, et al. **J Clin Gastroenterol** 1985 Feb;7(1):51-4

The role of student volunteers in door-to-door hypertension screening. Johnson CB, et al. **J Community Health** 1984 Spring;9(3):206-15

A synopsis of federal-state sponsored preventive child health. Reis JS, et al. **J Community Health** 1984 Spring;9(3):222-39

Screening in health fairs. A critical review of benefits, risks, and costs. Berwick DM. **JAMA** 1985 Sep 20;254(11):1492-8

Multiphasic screening: panacea or diagnostic nightmare? [editorial] Ring AM. **JAMA** 1985 Sep 20;254(11):1499

Mammographic breast cancer screening--a randomized trial in Malmö, Sweden. Andersson I, et al. **Maturitas** 1985 May; 7(1):21-9

Diagnosis analysis in breast cancer and cervical cancer screening. Rombach JJ, et al. **Maturitas** 1985 May; 7(1):31-41

Pavel's 'dynamic screening' for diabetes type 2: 14 years results in a district of northern Italy. Morsiani M, et al. **Med Interne** 1985 Jan-Mar;23(1):13-7

Screening for congenital hypothyroidism in North Carolina--1979-1984. Schwartz RP. **NC Med J** 1985 Apr; 46(4):205-7

Donor screening and epidemiology. Dodd RY. **Prog Clin Biol Res** 1985;182:389-405

AIDS: blood donor studies and screening programs. Kaplan HS, et al. **Prog Clin Biol Res** 1985;182:297-308

Intervention in large bowel carcinogenesis--does screening improve prognosis? Farrands PA, et al. **Scand J Gastroenterol [Suppl]** 1984;104:151-9

Screening for homocystinuria [letter] Spaeth GL. **Surv Ophthalmol** 1984 Nov-Dec;29(3):230

Screening for cervical cancer in Butha Buthe, Lesotho. A study of Papanicolaou (Pap) smears in a previously unscreened community over a one-year period. Schneider A, et al. **Trop Doct** 1984 Oct;14(4):170-4

What you can do about colorectal cancer. Fang WL, et al. **Va Med** 1984 Sep;111(9):572-3

Screening procedures for identifying patients after gastric operations at high risk of developing premalignant histological changes. Mosimann F, et al. **World J Surg** 1985 Aug;9(4):606-11

[The report 'Second interim advice concerning the early detection of breast cancer'] de Waard F. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):8-9 (Eng. Abstr.) **(Dut)**

[Critical study of microscopic hematuria disclosed by screening tests] Giudicelli CP, et al. **Ann Med Interne (Paris)** 1984;135(7):557-60 (Eng. Abstr.) **(Fre)**

[Early detection of hearing disorders. A simple method of mass screening in newborn infants] Matschke RG, et al. **HNO** 1985 Jan;33(1):40-4 (Eng. Abstr.) **(Ger)**

[Sensitivity of phenylketonuria screening] Machill G, et al. **Kinderarztl Prax** 1984 Jul;52(7):347-50 (Eng. Abstr.) **(Ger)**

[Mucoviscidosis screening by determination of immunoreactive trypsin] Sander J, et al. **Klin Padiatr** 1984 Jul-Aug;196(4):224-7 (Eng. Abstr.) **(Ger)**

[Initiation of treatment following screening for phenylketonuria] Mahle M, et al. **Monatsschr Kinderheilkd** 1984 Nov;132(11):865-6 (Eng. Abstr.) **(Ger)**

[Determination of free thyroxine (FT4) for the detection of connatal hypothyroidism within the scope of neonatal screening] Sander J, et al. **Monatsschr Kinderheilkd** 1984 Nov;132(11):861-4 (Eng. Abstr.) **(Ger)**

[Surveillance of spina bifida with the Rina Chen method] Fabris C, et al. **Minerva Pediatr** 1984 Nov 15; 36(21):1049-52 (Eng. Abstr.) **(Ita)**

[Importance of stool cultures in screening and prevention in the field of obstetrics and gynecology. Statistical data over a 30 month period] Laurelli T, et al. **Nuovi Ann Ig Microbiol** 1983 Mar-Apr;34(2):147-67 (Eng. Abstr.) **(Ita)**

[Studies on the improvement of mass screening for breast cancer. Screening with ultrasonic diagnosis in Kagoshima Prefecture] Hirata M. **Igaku Kenkyu** 1984 May;54(5):571-88 (Eng. Abstr.) **(Jpn)**

[Nonperiodic medical examination scheduling and its application to stomach cancer screening] Yokoyama T. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):324-30 (Eng. Abstr.) **(Jpn)**

[Echotomographic screening for abnormal urinalysis] Konishi N, et al. **Nippon Jinzo Gakkai Shi** 1985 Feb; 27(2):243-7 (Eng. Abstr.) **(Jpn)**

[Our experience with a 5-group registration system in providing outpatient services for women] Potkina IE. **Akush Ginekol (Mosk)** 1985 May;(5):57-60 **(Rus)**

[Methodological principles and means of conducting primary prevention of disorders of reproductive function in women by mass screening] Ushakova GA. **Akush Ginekol (Mosk)** 1984 Aug;(8):16-9 **(Rus)**

[Possibility of assessing work stress in mass epidemiological studies] Vermel' AE, et al. **Gig Tr Prof Zabol** 1984 Jul; (7):41-3 (Eng. Abstr.) **(Rus)**

[Automated data collection and retrieval systems in mass preventive oncological examinations] Shubin BM, et al. **Sov Med** 1984;(10):53-7 **(Rus)**

[Use of an automatic data processing system in meeting the objectives of the dispensarization of the population] Kant VI. **Sov Zdravookhr** 1985;(4):15-9 (Eng. Abstr.) **(Rus)**

[Methods of mass screening of an organized population] Udod VM, et al. **Sov Zdravookhr** 1985;(3):23-6 (Eng. Abstr.) **(Rus)**

[Screening method for early detection of glaucoma] Nesterov AP, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):67-70 (Eng. Abstr.) **(Rus)**

[Effectiveness of methods for the active detection of persons with suspected glaucoma] Talyshskaia SA, et al. **Vestn Oftalmol** 1985 Mar-Apr;101(2):70-3 (Eng. Abstr.) **(Rus)**

[Organization and efficacy of cytological examinations in the mass screening of women in the Moldavian SSR] Khonelidze GB, et al. **Vopr Onkol** 1984;30(9):91-4 (Eng. Abstr.) **(Rus)**

[Role of specialized fluorographic centers in diagnosing cancer and chronic diseases of the stomach] Portnoi LM, et al. **Vopr Onkol** 1984;30(10):74-80 (Eng. Abstr.) **(Rus)**

[Evaluation of screening methods in the detection of breast cancer] Semiglazov VF. **Vopr Onkol** 1985;31(4):92-6 (Eng. Abstr.) **(Rus)**

[Experience and outlook for the work of the All-Union Center for the Early Detection of Breast Cancer] Semiglazov VF, et al. **Vopr Onkol** 1984;30(10):60-4 (Eng. Abstr.) **(Rus)**

[Determination of groups at risk for acute intestinal infections by a population questionnaire] Zaidenov AM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):55-8 (Eng. Abstr.) **(Rus)**

[Problems in the diagnosis of hereditary metabolic defects in pediatric neurology] Krasnopol'skaia KD, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1458-61 (Eng. Abstr.) **(Rus)**

ORGANIZATION & ADMINISTRATION

Organisation of a programme for cervical cancer screening. ICRF coordinating committee on cervical screening. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):894-5

Quinquennial cervical smears: every woman's right and every general practitioner's responsibility. Standing P, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):883-6

Dietetics at work in the workplace: academia and industry cooperate in a blood pressure program. Wagstaff MA, et al. **J Am Diet Assoc** 1985 Apr;85(4):465-70

Screening high school athletes. Hunter SC. **J Med Assoc Ga** 1985 Jul;74(7):482-4

[Long-term evaluation of the results of a regimen of prevention of cervical carcinoma. Organizational and methodological problems] Bianco V, et al. **Ann Ostet Ginecol Med Perinat** 1984 May-Jun;105(3):191-7 (Eng. Abstr.) **(Ita)**

[Factors determining the population's participation in preventive examinations in Minsk] Zborovskii EI, et al. **Gig Sanit** 1984 Aug;(8):48-50 **(Rus)**

[Preventive examinations of children for the detection of diabetes mellitus] Gokhberg MM, et al. **Pediatriia** 1984 Aug;(8):49 **(Rus)**

[Activities of specialized mobile health units of the district tuberculosis dispensary] Pakharin VI, et al. **Probl Tuberk** 1985;(3):12-5 (Eng. Abstr.) **(Rus)**

[Prevention of cardiovascular diseases through annual screening of the entire population] Chazov EI, et al. **Sov Zdravookhr** 1984;(10):3-6 **(Rus)**

[Organization of mass preventive examinations for the detection of arterial hypertension] Libenzon RT, et al. **Sov Zdravookhr** 1985;(3):29-30 **(Rus)**

[Role of the medical director of the outpatient therapeutic department in the preparation of the total population for annual screening] L'vov AN, et al. **Sov Zdravookhr** 1985; (3):26-9 **(Rus)**

[Participation of the population in carrying out annual preventive examinations] Petrov PP, et al. **Sov Zdravookhr** 1985;(3):31-4 **(Rus)**

[Organization of mass screening of the whole population (based on the data of experimental study)] Petrov PP, et al. **Sov Zdravookhr** 1984;(5):27-9 (Eng. Abstr.) **(Rus)**

[Participation of the population in preventive measures] Volozh OI, et al. **Sov Zdravookhr** 1984;(8):12-4 (Eng. Abstr.) **(Rus)**

[Principles of the organization and conduction of mass screening of workers in 'dusty' professions] Ostapkovich EV. **Vestn Otorinolaringol** 1985 Jan-Feb;(1):61-5 (Eng. Abstr.) **(Rus)**

[The oncological component in a mass screening system] Mishura VI, et al. **Vopr Onkol** 1984;30(9):21-8 **(Rus)**

[Experience of the Preventive Services Department of the Central Regional Hospital with regard to the preparation and conducting of the annual mass screening of the rural population] Samson EI, et al. **Vrach Delo** 1985 May;(5):9-11 **(Rus)**

[Experience in improving the effectiveness of the dispensarization of patients with primary glaucoma] Titenko KS, et al. **Vrach Delo** 1985 Jun;(6):114-6 **(Rus)**

[Various approaches to the problem of mass screening in psychiatry] Potapov AI, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1416-7 **(Rus)**

STANDARDS

Validation study of the New York State Optometric Association (NYSOA) Vision Screening Battery.

Lieberman S, et al. **Am J Optom Physiol Opt** 1985 Mar; 62(3):165-8

Colorectal cancer screening. Faecal occult blood tests. McDonald C. **Aust Fam Physician** 1985 Apr;14(4):273, 276-7

Failures of the cervical cytology screening programme [editorial] Chamberlain J. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):853-4

Optimal frequency of examinations aimed at detecting pre-symptomatic disease. Hill GB, et al. **Can J Public Health** 1984 Nov-Dec;75(6):419-24

[Secondary check-up of cervix cancer: Cancer Screening Committee of the Japan Society of Obstetrics and Gynecology] **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov;36(11):2161-4 **(Jpn)**

[Standardization of the cytological results attained in conducting prophylactic gynecological examinations] Novik VI, et al. **Vopr Onkol** 1985;31(3):92-6 (Eng. Abstr.) **(Rus)**

TRENDS

Screening for lung cancer--where are we now? Bailar JC 3d. **Am Rev Respir Dis** 1984 Oct;130(4):541-2

Survey of physicians' attitudes and practices in early cancer detection. **CA** 1985 Jul-Aug;35(4):197-213

Screening for cancer of the cervix: implications for public health policy. Miller AB. **J Public Health Policy** 1985 Mar; 6(1):43-57

MASS SPECTROMETRY see **SPECTRUM ANALYSIS, MASS**

MASSAGE

Carotid sinus massage. Its diagnostic and therapeutic value in arrhythmias. Schweitzer P, et al. **Am J Med** 1985 Apr; 78(4):645-54

The effects of ice massage applied over the 'Hoku' acupuncture point in reducing spontaneous pain of endodontic origin. Shedletsky P, et al. **Can Dent Assoc J** 1984 Aug;50(8):635-8

235 cases of frozen shoulder treated by manipulation and massage. Li ZM. **J Tradit Chin Med** 1984 Sep;4(3):213-5

The local skin blood flow in areas at risk for pressure sores treated with massage. Ek AC, et al. **Scand J Rehabil Med** 1985;17(2):81-6

Analysis of prostatic acid phosphatase in urine voided before and after massage of the prostate in infertile men. Moberg PJ, et al. **Urol Int** 1984;39(4):189-92

[The effect of massage on muscle infiltrations as assessed by myoglobin in the blood] Danneskiold-Samsøe B, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):269-71 (Eng. Abstr.) **(Dan)**

[Effect of prostate massage on the levels of prostate acid phosphatase in the serum and urine] Wadström J, et al. **Helv Chir Acta** 1984 Oct;51(3-4):437-40 **(Ger)**

[Effect of ocular massage on the function of ciliary body] Nonomura M. **Nippon Ganka Gakkai Zasshi** 1985 Jan; 89(1):214-24 (Eng. Abstr.) **(Jpn)**

[Step-by-step physiotherapy of menstruation disorders of central origin in adolescents] Kuznetsova MN, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):35-6 (Eng. Abstr.) **(Rus)**

[Vibratory massage in the treatment of inflammation of the uterine adnexae] Radionchenko AA, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):75-8 **(Rus)**

[Role of medical gymnastics and massage in the combined treatment of children with congenital cleft lip and palate] Koikov PT, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr; 64(2):64-6 (Eng. Abstr.) **(Rus)**

[Therapeutic gymnastics, massage and self-massage in dermatological practice] Anton'ev AA, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun; (3):34-7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Stroke as a complication of carotid sinus massage. Bastulli JA, et al. **Crit Care Med** 1985 Oct;13(10):869

In defence of traditional massage [letter] Maiai S. **NZ Med J** 1985 Apr 10;98(776):251

[Pelvic hematomas of prostatic origin] Bar-Moshé O, et al. **Ann Urol (Paris)** 1985;19(4):256-8 (Eng. Abstr.) **(Fre)**

METHODS

Carotid sinus massage. Polansky BJ. **Hosp Pract [Off]** 1985 Jan 30;20(1A):25-8

[Manual lymphatic drainage] Gruffaz J. **J Mal Vasc** 1985;10 Suppl A:187-91 (Eng. Abstr.) **(Fre)**

[Clinico-physiological substantiation of using classical and segmental massage in the complex treatment of patients with osteoarthrosis deformans] Kampanov AIu, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr; (2):17-20 (Eng. Abstr.) **(Rus)**

MASSETER MUSCLE see under **MASTICATORY MUSCLES**

MAST CELL SARCOMA see **SARCOMA, MAST CELL**

MAST CELLS

Pruritus and mast cell proliferation of the skin in end stage renal failure. Matsumoto M, et al. **Clin Nephrol** 1985 Jun; 23(6):285-8

Intestinal mucosal mast cells: isolation from rat lamina propria and purification using unit gravity velocity sedimentation. Lee TD, et al. **Immunology** 1985 Aug; 55(4):721-8

Studies on high-dose chemotherapy of amygdalin in murine P388 lymphocytic leukaemia and P815 mast cell leukaemia. Chitnis MP, et al. **J Cancer Res Clin Oncol** 1985; 109(3):208-9

A procedure for isolation and partial purification of guinea pig lung mast cells. Undem BJ, et al. **J Immunol Methods** 1985 Aug 2;81(2):187-97

Mast cells and angiogenesis [letter] Kumar P, et al. **J R Soc Med** 1984 Dec;77(12):1063-4

[The barley cell or mastocyte: cellular and molecular biology] Cordón-Cardó C. **Med Clin (Barc)** 1985 Mar 2;84(8):327-31 (52 ref.) **(Spa)**

ANALYSIS

Membrana shrapnelli of maturing rats. The occurrence of mast cells, and histamine content in relation to otitis media with effusion. Widemar L, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):302-7

Calmodulin in mast cells and its role in histamine secretion. Chakravarty N, et al. **Agents Actions** 1985 Apr; 16(3-4):122-5

Evidence of mast-cell histamine being mitogenic in intact tissue. Norrby K. **Agents Actions** 1985 Apr;16(3-4):287-90

Spectrophotometric determination of histamine in mast cells, muscle and urine by solvent extraction with copper(II) and tetrabromophenolphthalein ethyl ester. Sakai T, et al. **Analyst** 1984 Dec;109(12):1569-72

Rat brain mast cells: contribution to brain histamine levels. Goldschmidt RC, et al. **J Neurochem** 1985 Jun;44(6):1943-7

Dural mast cells: source of contaminating histamine in analyses of mouse brain histamine levels. Orr EL. **J Neurochem** 1984 Nov;43(5):1497-9

Localization of 5-hydroxytryptamine to neurons and endoneurial mast cells in rat sensory ganglia. Kai-Kai MA, et al. **J Neurocytol** 1985 Feb;14(1):63-78

Histamine content and histidine decarboxylase activity in the spleen of the magnesium-deficient rat: comparison with the skin and peritoneal mast cells. Nishio A, et al. **Jpn J Pharmacol** 1984 Sep;36(1):1-6

CLASSIFICATION

Mast cell heterogeneity in man. I. Histologic studies of the intestine. Befus D, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):232-6

Heterogeneity of mammalian mast cells differentiated in vivo and in vitro. Katz HR, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):250-9 (54 ref.)

CYTOLOGY

Mast cells in the pars flaccida of the tympanic membrane. Widemar L, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984; 414:115-7

Nonspecific staining of mast cells by avidin-biotin-peroxidase technic [letter] Pittman DL. **Am J Clin Pathol** 1985 Jan; 83(1):134

Mast cells in rat thalamus: nuclear localization, sex difference and left-right asymmetry. Goldschmidt RC, et al. **Brain Res** 1984 Dec 10;323(2):209-17

Specific nuclear staining of leukocytes, macrophages and mast cells using a diaminobenzidine-cobalt chloride mixture. Dueñas JL, et al. **Cell Mol Biol** 1984;30(6):525-8

Human mast cells recovered by bronchoalveolar lavage: their morphology, histamine release and the effects of sodium cromoglycate. Flint KC, et al. **Clin Sci** 1985 Apr; 68(4):427-32

Biochemical and biological properties of interleukin-3: a lymphokine mediating the differentiation of a lineage of cells that includes prothymocytes and mastlike cells. Ihle JN. **Contemp Top Mol Immunol** 1985;10:93-119 (50 ref.)

Mast-cell growth factor: its role in mast-cell differentiation, proliferation, and maturation. Yung YP, et al. **Contemp Top Mol Immunol** 1985;10:147-79 (100 ref.)

Mast-cell precursors in the skin of mouse embryos and their deficiency in embryos of Sl/Sld genotype. Hayashi C, et al. **Dev Biol** 1985 May;109(1):234-41

Proliferative quiescence of normal mast cells resembles that of cold-sensitive mutant mastocytoma cells. Dominant expression of the quiescent state in heterokaryons. Laeng H, et al. **Exp Cell Res** 1985 May;158(1):170-6

Clonal origin of human basophil/mast cells from circulating multipotent hemopoietic progenitors. Denburg JA, et al. **Exp Hematol** 1985 Mar;13(3):185-8

Mast cells are present during angiogenesis in the chick extraembryonic vascular system. Wilson DJ. **Experientia** 1985 Feb 15;41(2):269-71

Inflammatory component of celiac sprue mucosa. I. Mast cells, basophils, and eosinophils. Marsh MN, et al. **Gastroenterology** 1985 Jul;89(1):92-101

Concomitant detection of mucosal mast cells and eosinophils in the intestines of normal and Nippostrongylus-immune rats. A re-evaluation of histochemical and immunocytochemical techniques. Newlands GF, et al. **Histochemistry** 1984;81(6):585-9

Appearance of basophilic cells/mast cells and IgE antibodies in liquid human cell cultures. Ahlstedt S, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):238-40

Differentiation processes of connective tissue mast cells in living mice. Kitamura Y, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):144-50

Histamine and mast cell distribution in the gastrointestinal wall of the rat: comparison between germ-free and conventional rats. Wal JM, et al. **Int Arch Allergy Appl Immunol** 1985;77(3):308-14

Proliferation and differentiation in culture of mast cell progenitors derived from mast cell-deficient mice of genotype W/Wv. Suda T, et al. **J Cell Physiol** 1985 Feb; 122(2):187-92

Human mast cells detected by monoclonal antibodies. Rimmer EF, et al. **J Clin Pathol** 1984 Nov;37(11):1249-55

Density of mucosal mast cells in the lamina propria of the colon and terminal ileum of children. Sanderson IR, et al. **J Clin Pathol** 1985 Jul;38(7):771-3

Conjugated avidin binds to mast cell granules. Tharp MD, et al. **J Histochem Cytochem** 1985 Jan;33(1):27-32

Quantitation of mast cells in experimental allergic neuritis. Brosman CF, et al. **J Neuropathol Exp Neurol** 1985 Mar; 44(2):196-203

Labelling of gingival and dermal mast cells with and without degranulation by 48/80. Farnoush A, et al. **J Periodont Res** 1985 Jan;20(1):72-8

The regeneration and maturation of mast cells following peritoneal lavage in the rat. Yong LC. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):127-35

Mucosal mast cells are functionally active during spontaneous expulsion of intestinal nematode infections in rat. Woodbury RG, et al. **Nature** 1984 Nov 29-Dec 5; 312(5993):450-2

[Quantitative histological studies of pancreatic mast cells in sand rats (Psammomys obesus) during formation of a mellitus syndrome. 1. The exocrine pancreas] Hahn von Dorsche H. **Z Mikrosk Anat Forsch** 1984;98(3):362-8 (Eng. Abstr.) **(Ger)**

[Quantitative histological studies of pancreatic mast cells in sand rats (Psammomys obesus) during formation of a mellitus syndrome. 2. The islands of Langerhans] Hahn von Dorsche H. **Z Mikrosk Anat Forsch** 1984;98(3):369-74 (Eng. Abstr.) **(Ger)**

[Behavior of mastocytes in rat lymph nodes under various experimental conditions] Repice F, et al. **Arch Ital Anat Embriol** 1984 Jan-Mar;89(1):31-7 (Eng. Abstr.) **(Ita)**

[Light microscopic characteristics of mucosal and connective tissue mast cells of the respiratory and gastro-intestinal tracts] Arai T, et al. **Rinsho Byori** 1985 Jun;33(6):669-73 **(Jpn)**

[Mast cells and cells producing alpha-endorphin in the mucosa of the antral section of the stomach] Zverkov IV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):621-4 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Plasma membrane fluidity studies by fluorescence polarization in rat mast cells stimulated by compound 48/80. Kuhry JG, et al. **Agents Actions** 1985 Apr; 16(3-4):109-12

Dual effect of antihistamines on rat peritoneal mast cells: induction and inhibition of histamine release. Lau HY, et al. **Agents Actions** 1985 Apr;16(3-4):176-8

Inhibitory effect of lysophosphatidylcholine on the histamine release from rat peritoneal mast cells. Mio M, et al. **Agents Actions** 1985 Apr;16(3-4):113-7

Effect of calmodulin inhibitors on histamine secretion from mast cells. Peachell PT, et al. **Agents Actions** 1985 Mar; 16(1-2):43-4

Comparison of histamine release in human skin mast cells induced by morphine, fentanyl, and oxymorphone. Hermens JM, et al. **Anesthesiology** 1985 Feb;62(2):124-9

The effect of H1 and H2 receptor blockers on immunological and nonspecific histamine release from isolated target cells. Hofman J, et al. **Arch Immunol Ther Exp (Warsz)** 1984; 32(5):599-604

Effect of verapamil on interferon production, mastocyte degranulation and histamine release--studies in mice sensitized with ovalbumin. Jankowska R, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):583-7

The rat isolated mast cell as a model for the study of calcium antagonists. Wenzel AM, et al. **Arch Int Pharmacodyn Ther** 1985 Jun;275(2):259-66

Histamine-release induced by 7S nerve-growth factor of mouse submandibular salivary glands. Sugiyama K, et al. **Arch Oral Biol** 1985;30(1):93-5

Antibody and inhibitor of chymase inhibit histamine release in immunoglobulin E-activated mast cells. Kido H, et al. **Biochem Int** 1985 Jun;10(6):863-71

The ability of thapsigargin and thapsigargicin to activate cells involved in the inflammatory response. Ali H, et al. **Br J Pharmacol** 1985 Jul;85(3):705-12

Studies on the activities of tannins and related compounds from medicinal plants and drugs. VI. Inhibitory effects of caffeoylquinic acids on histamine release from rat peritoneal mast cells. Kimura Y, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):690-6

Temporal variation in morphine-mast cell interaction. Polat C. **Chronobiologia** 1985 Apr-Jun;12(2):169-72

Sodium cromoglycate and related drugs. Church MK, et al. **Clin Allergy** 1985 Jul;15(4):311-20 (52 ref.)

Inhibition of IgE-mediated mast cell degranulation by sulphasalazine. Barrett KE, et al. **Eur J Pharmacol** 1985 Jan 2;107(2):279-81

Effects of sulphasalazine on stress ulceration and mast cell degranulation in rat stomach. Ogle CW, et al. **Eur J Pharmacol** 1985 Jun 7;112(2):285-6

Cholera toxin enhances factor-dependent colony growth of murine mast cell progenitors. Saito H, et al. **Exp Hematol** 1985 May;13(4):261-6

Relevance of in vitro tests to in vivo acute skin inflammation: potential in vitro applications of skin keratome slices, neutrophils, fibroblasts, mast cells and macrophages. Parish WE. **Food Chem Toxicol** 1985 Feb;23(2):275-85

The inhibition mechanism of histamine release by N-(3,4-dimethoxycinnamoyl) anthranilic acid. Koda A, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):244-5

Mast cell heterogeneity in response to cholinergic stimulation. Masini E, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):184-5

Functional characteristics of mucosal and connective tissue mast cells of man, the rat and other animals. Pearce FL, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):274-6

Late phase bronchial obstruction following nonimmunologic mast cell degranulation. Russi EW, et al. **J Appl Physiol** 1984 Oct;57(4):1182-8

Cutaneous mast cell depletion results from topical corticosteroid usage. Lavker RM, et al. **J Immunol** 1985 Oct;135(4):2368-73

N-benzylpiperazino derivatives of 3-nitro-4-hydroxycoumarin with H1 antihistamine and mast cell stabilizing properties. Buckle DR, et al. **J Med Chem** 1984 Nov;27(11):1452-7

Calcium antagonist-like actions of coumarins isolated from 'Qian-Hu' on anaphylactic mediator release from mast cell induced by concanavalin A. Suzuki T, et al. **J Pharmacobiodyn** 1985 Apr;8(4):257-63

Effects of prolonged treatment with compound 48/80 on the gastric mucosa and mast cells in the rat. Ohtsuki H, et al. **Jpn J Pharmacol** 1985 Jun;38(2):195-8

Synergism between lysophosphatidylserine and the phorbol ester tetradecanoylphorbolacetate in rat mast cells. Battistella A, et al. **Life Sci** 1985 Apr 22;36(16):1581-7

Effect of exogen pentagastrin on mastocyte degranulation, gastric cAMP and intragastric pH in Shay rats. Hierro JH, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):9-12

Release of mast cell mediators, vasoconstriction and edema in the isolated, perfused head of the rat following intracarotid infusion of neurotensin. Rioux F, et al. **Neuropeptides** 1985 Mar;6(1):1-12

Degranulation of mast cells and inhibition of the response to secretory agents by phototoxic compounds and ultraviolet radiation. Gendimenico GJ, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):374-82

[Scanning electron microscopy study of the degranulation of peritoneal mast cells by compound 48/80] Pussard E, et al. **Ann Pharm Fr** 1984;42(1):5-14 (Eng. Abstr.) **(Fre)**

[The effect of the beta adrenomimetic trimethoquinol and its rigid tetrahydroberberine conformer on histamine liberation induced by compound 48/80 in mast cells] Belcheva A, et al. **Biomed Biochim Acta** 1984;43(6):803-11 (Eng. Abstr.) **(Ger)**

[Inhibitory effect of nicardipine on 45Ca uptake and histamine release in rat mast cells stimulated by antigen] Tanizaki Y, et al. **Arerugi** 1985 Mar;34(3):204-9 (Eng. Abstr.) **(Jpn)**

[Histamine release due to ganglion blocking agent and muscle relaxants from rat mast cells] Tanaka H. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):273-81 (Eng. Abstr.) **(Jpn)**

[Effect of radioprotectors on the decarboxylase activity of mast cells] Goncharenko EN, et al. **Biol Nauki** 1985;(3):28-30 (Eng. Abstr.) **(Rus)**

[Effect of the quaternary ammonium salts of the monodisperse oligomers of conidine on a mast cell population] Efimov VS, et al. **Farmakol Toksikol** 1984 Nov-Dec;47(6):50-3 (Eng. Abstr.) **(Rus)**

[Effect of trace elements on the process of histamine liberation from mast cells in the rat] Dontsov VI, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct;(5):65-7 (Eng. Abstr.) **(Rus)**

[Interaction of local anesthetics with secretory cells at the membrane level] Jančinová V, et al. **Bratisl Lek Listy** 1985 Apr;83(4):362-72 (Eng. Abstr.) **(Slo)**

['In vivo' immunologic and compound 48-80 degranulation of cutaneous rat mast cells] Gisbert M, et al. **Arch Farmacol Toxicol** 1984 Apr;10(1):39-44 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Immunoglobulin E-mediated release of a kininogenase from purified human lung mast cells. Proud D, et al. **Am Rev Respir Dis** 1985 Aug;132(2):405-8

Chymotrypsin- and trypsin-type serine proteases in rat mast cells: properties and functions. Kido H, et al. **Arch Biochem Biophys** 1985 Jun;239(2):436-43

The effect of tryptase from human mast cells on human prekallikrein. Schwartz LB, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):76-81

Presence of a high-affinity Ca2+- and Mg2+-dependent ATPase in rat peritoneal mast-cell membranes. Amende LM, et al. **Biochem J** 1985 Feb 15;226(1):335-8

Mammalian chymotrypsin-like enzymes. Comparative reactivities of rat mast cell proteases, human and dog skin chymases, and human cathepsin G with peptide 4-nitroanilide substrates and with peptide chloromethyl ketone and sulfonyl fluoride inhibitors. Powers JC, et al. **Biochemistry** 1985 Apr 9;24(8):2048-58

Hormone-responsive alkaline proteinase in rat skeletal muscle is not a mast cell-derived enzyme. Mayer M, et al. **Biochim Biophys Acta** 1985 May 30;845(2):292-7

Granulated intraepithelial lymphocytes: their relationship to mucosal mast cells and globule leucocytes in the rat. Huntley JF, et al. **Immunology** 1984 Nov;53(3):525-35

The presence in blood of both glycosaminoglycan and mucosal mast cell protease following systemic anaphylaxis in the rat. King SJ, et al. **Int Arch Allergy Appl Immunol** 1985;76(3):286-8

Purified human mast cells and basophils release human elastase and cathepsin G by an IgE-mediated mechanism. Meier HL, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):179-83

Localization of tryptase to human cutaneous mast cells and keratinocytes by immunofluorescence and immunoperoxidase cytochemistry with monoclonal antitryptase antibody. Schwartz LB, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):182-8

Histochemical demonstration of chymotrypsin like serine esterases in mucosal mast cells in four species including man. Huntley JF, et al. **J Clin Pathol** 1985 Apr;38(4):375-84

Activation of the 5-lipoxygenase pathway in E-mast cells by peanut agglutinin. Razin E. **J Immunol** 1985 Feb;134(2):1142-5

The fibrinogenolytic activity of purified tryptase from human lung mast cells. Schwartz LB, et al. **J Immunol** 1985 Oct;135(4):2762-7

Monoclonal antibodies against human mast cell tryptase demonstrate shared antigenic sites on subunits of tryptase and selective localization of the enzyme to mast cells. Schwartz LB. **J Immunol** 1985 Jan;134(1):526-31

Angiotensin I conversion by human and rat chymotryptic proteinases. Wintroub BU, et al. **J Invest Dermatol** 1984 Nov;83(5):336-9

Ionophore-stimulated lipoxygenase activity and histamine release in a cloned murine mast cell, MC9. Musch MW, et al. **Prostaglandins** 1985 Mar;29(3):405-30

[Studies of phosphorylation in rat mast cells (fourth report)--isolation of calcium-activated, phosphatidylserine and diacylglycerol-dependent protein kinase] Kurosawa M, et al. **Arerugi** 1984 Dec;33(12):1053-8 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

The inhibition of substance P-induced histamine release from mast cells by 6, 7-dihydro-6, 8, 8, 10-tetramethyl-8H-pyrano-[3, 2-g] chromone-2-carboxylic acid (EAA). Tsutsumi K, et al. **Acta Med Okayama** 1984 Aug;38(4):367-74

Eosinophilic gastroenteritis. Immunohistochemical evidence for IgE mast cell-mediated allergy. Oyaizu N, et al. **Acta Pathol Jpn** 1985 May;35(3):759-66

Immunologically induced pleural and peritoneal mast cell histamine release: difference in responsiveness in relation to secretagogue and rat strain used. Bergstrand H, et al. **Agents Actions** 1984 Oct;15(3-4):273-8

Specific and nonspecific desensitization of mouse mast cells. Wyczółkowska J, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):605-12

A new method for mast cell separation; and the effect of sera from urticaria patients on purified rat mast cells. Tanii T, et al. **Asian Pac J Allergy Immunol** 1984 Jun;2(1):77-84

Antigenic stimulated release of arachidonic acid, lipoxygenase activity and histamine release in a cloned murine mast cell MC9. Musch MW, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):517-25

Adenosine inhibits and potentiates IgE-dependent histamine release from human lung mast cells by an A2-purinoceptor mediated mechanism. Hughes PJ, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3847-52

Permeability increase in black lipid membrane induced by compound 48/80. Shibata H, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):127-30

Mast cells, mediators and asthma. Holgate ST, et al. **Clin Allergy** 1985 May;15(3):221-34 (64 ref.)

Mast cells: Part II. Berman BA, et al. **Cutis** 1984 May;33(5):448, 450, 452 passim

Murine intestinal intraepithelial lymphocytes I. Relationship of a novel Thy-1-,Lyt-1-,Lyt-2+, granulated subpopulation to natural killer cells and mast cells. Petit A, et al. **Eur J Immunol** 1985 Mar;15(3):211-5

Dermacentor variabilis: resistance to ticks acquired by mast cell-deficient and other strains of mice. denHollander N, et al. **Exp Parasitol** 1985 Apr;59(2):169-79

Histamine release by pharmacological agents in the absence of external free Ca2+. Pintado E, et al. **FEBS Lett** 1984 Sep 17;175(1):147-51

IgE-mediated triggering signals for mediator release from human mast cells and basophils. Ishizaka T, et al. **Fed Proc** 1984 Oct;43(13):2840-5

Inflammatory responses to mast cell granules. Kaliner M, et al. **Fed Proc** 1984 Oct;43(13):2846-51

Lectin-binding ability of immunoglobulin E and its participation in triggering of mast cells. Zavázal V, et al. **Folia Microbiol (Praha)** 1985;30(3):237-46

In vitro generated mast cells express natural cytotoxicity against tumour cells. Ghiara P, et al. **Immunology** 1985 Jun;55(2):317-24

Number and affinity of receptors for IgE on enriched populations of isolated rat intestinal mast cells. Lee TD, et al. **Immunology** 1985 Jun;55(2):363-6

Surface phenotype of T cells producing growth of mucosal mast cells in normal rat bone marrow culture. McMenamin C, et al. **Immunology** 1985 Jul;55(3):399-403

Lymphatic mast cells in response to in vitro stimulation by non-specific T-cell mitogens. Wlodarski K, et al. **Immunology** 1985 Jun;55(2):311-5

Inhibition of rat peritoneal mast cell histamine secretion by protoporphyrin and incandescent light. Abhold RH, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):126-32

Modulation of mast cell cAMP levels. A regulatory function of calmodulin. Alm PE. **Int Arch Allergy Appl Immunol** 1984;75(4):375-8

Mediator release from human basophils and mast cells from lung and intestinal mucosa. Fox CC, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):130-6 (43 ref.)

Relationship between mediator release from human lung mast cells in vitro and in vivo. Holgate ST, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):47-56 (56 ref.)

Intestinal mast cell proliferation in graft-versus-host reaction in rats. Levy DA, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):186-8

Pharmacologic regulation of mediator generation and release from the murine bone marrow derived mast cell. Lewis RA, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):121-5

The role of basophils and mast cells in the pathogenesis of pulmonary diseases. Marone G. **Int Arch Allergy Appl Immunol** 1985;76 Suppl 1:70-82 (106 ref.)

The human adenoidal mast cell. Susceptibility to different secretagogues and secretion inhibitors. Schmutzler W, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):177-8

Inflammatory mediators and mechanisms of release from purified human basophils and mast cells. Schleimer RP, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):473-81

Exercise-induced anaphylaxis: a serious form of physical allergy associated with mast cell degranulation. Sheffer AL, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):479-84

Sympathetic modulation of biochemical and physiological response to immune degranulation in canine bronchial airways in vivo. Garrity ER, et al. **J Clin Invest** 1985 Jun;75(6):2038-46

The histologic and functional characterization of enzymatically dispersed intestinal mast cells of nonhuman primates: effects of secretagogues and anti-allergic drugs on histamine secretion. Barrett KE, et al. **J Immunol** 1985 Sep;135(3):2020-6

Characterization of the effects of phorbol esters on rat mast cell secretion. Heiman AS, et al. **J Immunol** 1985 Jan;134(1):548-55

Biochemical analysis of desensitization of mouse mast cells. Ishizaka T, et al. **J Immunol** 1985 Jul;135(1):492-501

Identification of the neutral glycosphingolipids of murine mast cells: expression of Forssman glycolipid by the serosal but not the bone marrow-derived subclass. Katz HR, et al. **J Immunol** 1985 Apr;134(4):2617-23

Undiminished immunologic tolerance to contact sensitivity in mast cell-deficient W/Wv and Sl/Sld mice. Mekori YA, et al. **J Immunol** 1985 Aug;135(2):879-85

Mast cell heterogeneity: effects of neuroenteric peptides on histamine release. Shanahan F, et al. **J Immunol** 1985 Aug;135(2):1331-7

Inhibition of proliferation of mouse T cell-dependent bone marrow-derived mast cells by rat serum does not change their unique phenotype. Stevens RL, et al. **J Immunol** 1984 Nov;133(5):2674-80

Studies on histamine secretion from enzymically dispersed cutaneous mast cells of the rat. Barrett KE, et al. **J Invest Dermatol** 1985 Jan;84(1):22-6

Anaphylaxis in mast cell-deficient mice. Jacoby W, et al. **J Invest Dermatol** 1984 Oct;83(4):302-4

Synthesis and antiallergic activities of 1,3-oxazolo[4,5-h]quinolines. Musser JH, et al. **J Med Chem** 1985 Sep;28(9):1255-9

Inability of genetically mast cell-deficient W/Wv mice to acquire resistance against larval Haemaphysalis longicornis ticks. Matsuda H, et al. **J Parasitol** 1985 Aug;71(4):443-8

Immunoglobulin E-mediated degranulation of isolated human lung mast cells. Dvorak AM, et al. **Lab Invest** 1985 Jul;53(1):45-56

Stimulation by epinephrine of histamine synthesis by rat peritoneal fluid mast cells in vitro. Rothschild AM, et al. **Life Sci** 1984 Oct 15;35(16):1645-51

Some interleukin-3 dependent mast-cell lines also respond to interleukin-2. Warren HS, et al. **Lymphokine Res** 1985 Summer;4(3):195-204

The role of non-antigen receptors in mast cell signalling processes. Stanworth DR. **Mol Immunol** 1984 Dec;21(12):1183-90

Defective protective capacity of W/Wv mice against Strongyloides ratti infection and its reconstitution with bone marrow cells. Nawa Y, et al. **Parasite Immunol** 1985 Jul;7(4):429-38

Response of human jejunal mast cells to degranulatory procedures. Selbekk BH, et al. **Scand J Gastroenterol** 1985

Mar;20(2):145-9

Analysis of the distribution of human jejunal mast cells including the relation to age, sex, height, weight, and possible allergic manifestations. Selbekk BH, et al. **Scand J Gastroenterol** 1985 Mar;20(2):141-4

Distribution of mast cells in human synovial tissue of patients with osteoarthritis and rheumatoid arthritis. Fritz P, et al. **Z Rheumatol** 1984 Nov-Dec;43(6):294-8

[Mast cells and arachidonic acid metabolism as central effectors of allergic bronchial obstruction] König W, et al. **Internist (Berlin)** 1985 Apr;26(4):182-94 (42 ref.) **(Ger)**

[Mediator liberation from mast cells] Gigl G. **Pharm Unserer Zeit** 1985 Jul;14(4):97-108 **(Ger)**

[Mast cells, histamine and serotonin release in the early phase of hyperergic pleuritis in albino rats] Lipshits RU, et al. **Fiziol Zh** 1985 May-Jun;31(3):360-3 **(Rus)**

METABOLISM

Isolation and properties of cardiac and other mast cells from the rat and guinea-pig. Ali H, et al. **Agents Actions** 1985 Apr;16(3-4):138-40

The dynamics of mast cell secretion mediated by IgE or polyamines. Berlin G. **Agents Actions** 1984 Dec;15(5-6):482-7

Kinetics of the inhibitory effect of flavonoids on histamine secretion from mast cells. Bronner C, et al. **Agents Actions** 1985 Apr;16(3-4):147-51

Glucose metabolism in rat mast cells. Stimulation of the pentose phosphate pathway by compound 48/80. Chakravarty N. **Agents Actions** 1985 Apr;16(3-4):133-7

The effects of adenosine and of some adenosine analogues on the concanavalin A-or acetylcholine-induced histamine release from human adenoidal mast cells. Delmich K, et al. **Agents Actions** 1985 Apr;16(3-4):141-3

Comparison of the histamine-releasing activity of cremophor El and some of its derivatives in two experimental models: the in vivo anaesthetized dog and in vitro rat peritoneal mast cells. Ennis M, et al. **Agents Actions** 1985 Apr;16(3-4):265-8

Mast cell and neutrophil interactions: a role for superoxide anion and histamine. Fantozzi R, et al. **Agents Actions** 1985 Apr;16(3-4):260-4

Rat mast cell activation and inactivation: differences when various ligands are used to induce secretion. Healicon RM, et al. **Agents Actions** 1985 Apr;16(3-4):155-9

Role of cyclic AMP in the induction of histamine secretion from mast cells. Leoutsakos A, et al. **Agents Actions** 1985 Apr;16(3-4):126-8

Early kinetics of Ca2+ fluxes and histamine release in rat mast cells stimulated with compound 48/80. McClain DE, et al. **Agents Actions** 1984 Oct;15(3-4):279-84

Immunological modulation of cholinergic histamine release in isolated rat mast cells. Masini E, et al. **Agents Actions** 1985 Apr;16(3-4):152-4

Cation-induced histamine release from a synthetic weak (carboxylic) cation exchanger resin (IRC-50) and from isolated mast cell granules show identical kinetics. Uvnäs B. **Agents Actions** 1985 Apr;16(3-4):129-32

Vesicular uptake of eosinophil peroxidase by guinea pig basophils and by cloned mouse mast cells and granule-containing lymphoid cells. Dvorak AM, et al. **Am J Pathol** 1985 Mar;118(3):425-38

The pharmacologic modulation of the release of arachidonic acid metabolites from purified human lung mast cells. Peters SP, et al. **Am Rev Respir Dis** 1985 Aug;132(2):367-73

Human lung macrophages induce histamine release from basophils and mast cells. Schulman ES, et al. **Am Rev Respir Dis** 1985 Feb;131(2):230-5

Thiobarbiturate-induced histamine release in human skin mast cells. Hirshman CA, et al. **Anesthesiology** 1985 Oct;63(4):353-6

Stimulation and inhibition of secretion by phorbol myristate acetate in different cell types. Blackwell GJ, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):950-5

Hydrocortisone inhibits phorbol ester stimulated release of histamine and arachidonic acid from rat mast cells. Heiman AS, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):640-5

Polyphosphoinositide turnover in rat mast cells stimulated by antigen: rapid and preferential breakdown of phosphatidylinositol 4-phosphate (DPI). Ishizuka Y, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):875-81

Arachidonic acid release in rat peritoneal mast cells stimulated with antigen, ionophore A23187, and compound 48/80. Okano Y, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):726-32

The capacity of basic peptides to trigger exocytosis from mast cells correlates with their capacity to immobilize band 3 proteins in erythrocyte membranes. Dufton MJ, et al. **Biochem J** 1984 Oct 1;223(1):67-71

Glycosaminoglycans in rat mucosal mast cells. Enerbäck L, et al. **Biochem J** 1985 Apr 15;227(2):661-8

Effect on mast cell histamine of inhibiting histamine formation in vivo with alpha-fluoromethylhistidine. Lagunoff D, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1205-9

Differential release of serotonin without comparable histamine under diverse conditions in the rat mast cell. Theoharides TC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1389-98

Inhibition of histamine release from dispersed human lung and tonsillar mast cells by nicardipine and nifedipine. Kim YY, et al. **Br J Clin Pharmacol** 1985 May;19(5):631-8

Adenosine potentiates immunological histamine release from rat mast cells by a novel cyclic AMP-independent cell-surface action. Church MK, et al. **Br J Pharmacol** 1985 May;85(1):3-5

Uptake of released mast cell granules by reticular cells of the rat lymph node. Miyata K, et al. **Cell Tissue Res** 1985;240(1):49-55

Mast cell mediators in the blood of patients with asthma. Wasserman SI. **Chest** 1985 Jan;87(1 Suppl):13S-15S (19 ref.)

Inhibition of IgE binding to mast cells and basophils by monoclonal antibodies to murine IgE. Baniyash M, et al. **Eur J Immunol** 1984 Sep;14(9):799-807

Studies on beta-adrenoceptors of purified mast cells from guinea-pig lung. Undem BJ, et al. **Eur J Pharmacol** 1985 Mar 12;109(3):413-6

Stimulation of histamine synthesis in rat mast cells by compound 48/80 in vitro. Rothschild AM, et al. **Experientia** 1984 Oct 15;40(10):1151-2

A wasp venom mastoparan-induced polyphosphoinositide breakdown in rat peritoneal mast cells. Okano Y, et al. **FEBS Lett** 1985 Sep 2;188(2):363-6

Different effects of local anesthetics on calcium influx into rat mast cells. Ohishi K, et al. **Gen Pharmacol** 1985;16(3):199-203

Cloned mouse mast cells and normal mouse peritoneal mast cells. Determination of serotonin content and ability to synthesize serotonin in vitro. Weitzman G, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):189-91

The release of morphine from the mast cells by 48/80 in morphine perfused dogs. Akcasu A, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 Jan;23(1):33-7

Adenosine-induced bronchoconstriction in asthma: role of mast cell-mediator release. Cushley MJ, et al. **J Allergy Clin Immunol** 1985 Feb;75(2):272-8

Bombolitins, a new class of mast cell degranulating peptides from the venom of the bumblebee Megabombus pennsylvanicus. Argiolas A, et al. **J Biol Chem** 1985 Feb 10;260(3):1437-44

Simultaneous inhibitions of inositol phospholipid breakdown, arachidonic acid release, and histamine secretion in mast cells by islet-activating protein, pertussis toxin. A possible involvement of the toxin-specific substrate in the Ca2+-mobilizing receptor-mediated biosignaling system. Nakamura T, et al. **J Biol Chem** 1985 Mar 25;260(6):3584-93

Release of histamine and arachidonate from mouse mast cells induced by glycosylation-enhancing factor and bradykinin. Ishizaka T, et al. **J Immunol** 1985 Mar;134(3):1880-7

Thrombin-induced degranulation of cultured bone marrow-derived mast cells. Razin E, et al. **J Immunol** 1984 Dec;133(6):3282-5

Regulation of mediator release from mouse bone marrow-derived mast cells by glucocorticoids. Robin JL, et al. **J Immunol** 1985 Oct;135(4):2719-26

Ability of mouse embryos to degranulate mast cells in vitro. Choroszewska A, et al. **J Reprod Fertil** 1985 Sep;75(1):95-9

Histamine release induced by dynorphin-(1-13) from rat mast cells. Sugiyama K, et al. **Jpn J Pharmacol** 1984 Jul;35(3):247-52

Inhibitory effect of tritoqualine (TRQ) on histamine release from mast cells. Umezu K, et al. **Jpn J Pharmacol** 1985 Jun;38(2):153-60

Removal of extracellular Ca stimulates histamine release from rat mast cells by mobilizing a labile cellular source of Ca. Sorimachi M. **Jpn J Physiol** 1984;34(5):919-22

Inhibition of mast cell histamine release by flavonoids and biflavonoids. Amella M, et al. **Planta Med** 1985 Feb;(1):16-20

The effect of ethanol administration into the mouse on mast cell histamine releasability in vitro. Wyczółkowska J, et al. **Pol J Pharmacol Pharm** 1984 Nov-Dec;36(6):641-6

Lipid metabolism and the initiation and regulation of mediator release from mast cells. Kennerly DA. **Surv Immunol Res** 1984;3(4):304-10 (29 ref.)

[Studies of phosphorylation in rat mast cells (seventh report)--histamine-release and metabolism of polyphosphoinositides] Kurosawa M, et al. **Arerugi** 1985 Mar;34(3):198-203 (Eng. Abstr.) **(Jpn)**

[Mast cell origin studied by H3-thymidine radioautography] Doeva AN. **Tsitol Genet** 1984 Nov-Dec;18(6):406-8 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Neoplastic transformation of mast cells by Abelson-MuLV: abrogation of IL-3 dependence by a nonautocrine mechanism. Pierce JH, et al. **Cell** 1985 Jul;41(3):685-93

PATHOLOGY

Mast cells in the aspiration cytology differential diagnosis of adenolymphoma. Bottles K, et al. **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):513-5

Bone resorption in chronic otitis media. The role of mast cells. Berger G, et al. **Acta Otolaryngol (Stockh)** 1985 Jul-Aug;100(1-2):72-80

Blast crisis of chronic granulocytic leukemia with mast cell and basophilic precursors. Soler J, et al. **Am J Clin Pathol** 1985 Feb;83(2):254-9

Mast cell heterogeneity and hyperplasia in bleomycin-induced pulmonary fibrosis of rats. Goto T, et al. **Am Rev Respir Dis** 1984 Nov;130(5):797-802

Increased dermal mast cell populations in progressive systemic sclerosis: a link in chronic fibrosis? Hawkins RA, et al. **Ann Intern Med** 1985 Feb;102(2):182-6

Disease distribution of synovial fluid mast cells and cytophagocytic mononuclear cells in inflammatory arthritis. Freemont AJ, et al. **Ann Rheum Dis** 1985 May;44(5):312-5

Mast cells and macrophages in early relapsing psoriasis. Schubert C, et al. **Arch Dermatol Res** 1985;277(5):352-8

Numerous mast cells in an 11-deoxycorticosterone-producing adrenocortical tumor. Histologic evaluation of benignancy and comparison with mast cell distribution in adrenal glands and neoplastic counterparts of 67 surgical specimens. Aiba M, et al. **Arch Pathol Lab Med** 1985 Apr;109(4):357-60

Mast cell degranulation and increased vascular permeability induced by 'therapeutic' ultrasound in the rat ankle joint. Fyfe MC, et al. **Br J Exp Pathol** 1984 Dec;65(6):671-6

Tissue mast cells in breast cancer. Fisher ER, et al. **Breast Cancer Res Treat** 1985;5(3):285-91

Intragastral provocation under endoscopic control (IPEC) in food allergy: mast cell and histamine changes in gastric mucosa. Reimann HJ, et al. **Clin Allergy** 1985 Mar;15(2):195-202

Mast cell accumulation in 1,2-dimethylhydrazine induced colon tumors in rats. Naito Y, et al. **Hiroshima J Med Sci** 1984 Sep;33(3):455-60

What is the role of myocardial mast cells? Estensen RD. **Hum Pathol** 1985 Jun;16(6):536-8 (20 ref.)

The influence of level of infection of rats with Nippostrongylus brasiliensis on the haematology and phospholipase activity and mast cell numbers in the small intestine and colon. Cheema KJ, et al. **Int J Parasitol** 1985 Feb;15(1):55-60

Hepatic mast cells in rats infected with Taenia taeniaeformis. Lindsay MC, et al. **Int J Parasitol** 1985 Apr;15(2):203-9

Mast cell changes and tumour dissemination in human breast carcinoma. Hartveit F, et al. **Invasion Metastasis** 1984;4(3):146-55

Mast cell depletion in murine chronic graft-versus-host disease. Claman HN. **J Invest Dermatol** 1985 Apr;84(4):246-8

Eosinophilia, mast cell hyperplasia and antibody production in rats following an intraperitoneal injection of Ascaris cuticle including in-vitro studies of immune eosinophil granule lysis. Archer GT, et al. **Pathology** 1985 Jan;17(1):101-7

Inflammatory cell infiltrate in labial salivary glands of patients with rheumatoid arthritis with special emphasis on tissue mast cells. Syrjänen SM, et al. **Scand J Dent Res** 1984 Dec;92(6):557-63

A comparison between in vitro jejunal mast cell degranulation and intragastric challenge in patients with suspected food intolerance. Selbekk BH. **Scand J Gastroenterol** 1985 Apr;20(3):299-303

Bone marrow mast cell reaction in preleukaemic myelodysplasia and in aplastic anaemia. Fohlmeister I, et al. **Virchows Arch [A]** 1985;405(4):503-9

Analysis of mast cells in rheumatoid arthritis and osteoarthritis by an avidin-peroxidase staining. Fritz P, et al. **Virchows Arch [Cell Pathol]** 1984;47(1):35-45

[Mast cells and rheumatoid synovitis] Tursi A, et al. **Recenti Prog Med** 1985 May;76(5):263-4 (Eng. Abstr.) **(Ita)**

[Morphology of mast cells in bone marrow smears and their diagnostic significance] Tomilov AF, et al. **Lab Delo** 1985;(5):282-5 (Eng. Abstr.) **(Rus)**

[Changes in labrocytes during acute radiation sickness (morphometric study)] Datsenko AV, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):548-51 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Phagocytosis by mast cells in urticaria pigmentosa. Krüger PG, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):373-7

Histamine liberators and the mechanisms of mediator release. Alm PE. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:102-7 (47 ref.)

A short history of the mast cell. Bloom GD. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:87-92 (46 ref.)

Functional aspects of mast cells, mediator contents and mediator effects. Foreman JC. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:93-101

Tumor-bearing depresses distant mast-cell-mediated mitogenesis. Norrby K. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov;92(6):395-400

Calcium dependent modulation of histamine release from mast cells by sodium and potassium. Binck M, et al. **Agents Actions** 1985 Apr;16(3-4):118-21

Mast cells and middle ear effusion. Stenfors LE, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):217-9

Mast cells and tumors. The specific enhancement of tumor proliferation in vitro. Roche WR. **Am J Pathol** 1985 Apr;119(1):57-64

Mast cell mediators with emphasis on intestinal mast cells. Metcalfe DD. **Ann Allergy** 1984 Dec;53(6 Pt 2):563-75 (92 ref.)

Recovery of schistosomula of Schistosoma mansoni from mouse skin: involvement of mast cells and vasoactive amines. Gerken SE, et al. **Braz J Med Biol Res** 1984;

17(3-4):301-7

Requirement for metalloendoprotease in exocytosis: evidence in mast cells and adrenal chromaffin cells. Mundy DI, et al. **Cell** 1985 Mar;40(3):645-56

Mast cell mediators and asthma. Kaliner M. **Chest** 1985 Jan; 87(1 Suppl):2S-5S (30 ref.)

Mast cell-dependent inflammatory mediators and their putative role in bronchial asthma. Robinson C, et al. **Clin Sci** 1985 Feb;68(2):103-12 (87 ref.)

Growth-factor-independent proliferation in vitro and tumorigenicity in vivo are associated in basophil/mast-cell lines and their somatic hybrids. Conscience JF, et al. **Differentiation** 1985;28(3):291-5

Suggestive evidence for a functional unit between mast cells and substance P fibers in the rat diaphragm and mesentery. Skofitsch G, et al. **Histochemistry** 1985;82(1):5-8

Expulsion of Trichinella spiralis from the intestine of W/Wv mice reconstituted with haematopoietic and lymphopoietic cells and origin of mucosal mast cells. Oku Y, et al. **Immunology** 1984 Oct;53(2):337-44

Interactions between mast cells, fibroblasts and connective tissue components. Atkins FM, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):96-102 (37 ref.)

Comparative aspects of mast cell heterogeneity in different species and sites. Bienenstock J, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):126-9

Role of human basophils and mast cells in the pathogenesis of allergic diseases. Schleimer RP, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 2):369-74

Role of calcium in airway smooth muscle contraction and mast cell secretion. Fanta CH. **J Asthma** 1984;21(6):387-405

Factors affecting the generation of mast cells from multipotential colony-forming cells. Li CL, et al. **J Cell Physiol** 1984 Oct;121(1):167-73

A role for mast cells and the vasoactive amine serotonin in T cell-dependent immunity to tumors. Van Loveren H, et al. **J Immunol** 1985 Feb;134(2):1292-9

Effect of ultraviolet irradiation on mast cell-deficient W/Wv mice. Ikai K, et al. **J Invest Dermatol** 1985 Jul;85(1):82-4

An assessment of mast-cell deficient mice (W/Wv) as a model system to study the role of histamine in implantation and deciduoma formation. Wordinger RJ, et al. **J Reprod Fertil** 1985 Mar;73(2):451-6

Growth of pulmonary metastases of B16 melanoma in mast cell-free mice. Schittek A, et al. **J Surg Res** 1985 Jan; 38(1):24-8

Inverse correlation between tumor incidence and tissue histamine levels in W/WV, WV/+, and +/+ mice. Burtin C, et al. **JNCI** 1985 Mar;74(3):671-4

Tissue and blood eosinophilia in mast cell-deficient Sl/Sld mice infected with Trichinella spiralis. Oku Y, et al. **Jpn J Vet Res** 1984 Jul;32(3):165-70

Allergies, mediators and asthma. Bryant DH. **Med J Aust** 1984 Sep 1;141(5 Suppl):S2-5

Capacitance measurements reveal stepwise fusion events in degranulating mast cells. Fernandez JM, et al. **Nature** 1984 Nov 29-Dec 5;312(5993):453-5

Tissue mast cells in health and disease. Parwaresch MR, et al. **Pathol Res Pract** 1985 Mar;179(4-5):439-61 (70 ref.)

UV suppression of mast cell-mediated wealing in human skin. Gollhausen R, et al. **Photodermatol** 1985 Apr;2(2):58-67

Mast-cell-derived mediators in asthma. Arachidonic acid metabolites. Barnes NC, et al. **Postgrad Med** 1984 Oct; 76(5):140-5, 148-51

Prostaglandin D2 and prostaglandin D synthetase in mast cell deficient mice. Ikai K, et al. **Prostaglandins** 1984 Jun; 27(6):877-85

Unequivocal delayed hypersensitivity in mast cell-deficient and beige mice. Galli SJ, et al. **Science** 1984 Nov 9; 226(4675):710-3

IgE-mediated leukotriene release in vitro and in vivo. Peters SP, et al. **Trans Assoc Am Physicians** 1984;97:260-7

Phagocytosis of mast cell granules by fibroblasts of the human gingiva. Takeda Y. **Virchows Arch [A]** 1985; 406(2):197-201

[Effects of cyclic adenosine 3',5'-monophosphate and calcium on cellular function and growth of mast cells] Ichikawa A. **Yakugaku Zasshi** 1984 Nov;104(11):1109-21 (33 ref.) (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

Radiation effects on mast cells: secretory ability, histamine release and recovery, and cell number. Norrby K, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov; 92(6):417-27

The effect of 8-methoxypsoralen plus long-wave ultraviolet (PUVA) radiation on mast cells: PUVA suppresses degranulation of mouse skin mast cells induced by compound 48/80 or concanavalin A. Danno K, et al. **J Invest Dermatol** 1985 Aug;85(2):110-4

Participation of mast cells and complement in the immediate phase of hematoporphyrin-induced phototoxicity. Kamide R, et al. **J Invest Dermatol** 1984 May;82(5):485-90

[Method of integral evaluation of labrocytes of loose connective tissue of the rat mesentery in histologic preparations] Datsenko AV, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):90-1 **(Rus)**

SECRETION

Effect of ethanol and aging on histamine release and membranes of mast cells. Gonzales RA, et al. **Alcohol** 1985 Mar-Apr;2(2):313-6

Inhibition of allergic and non-allergic histamine secretion from rat peritoneal mast cells by calcium antagonists. Chand N, et al. **Br J Pharmacol** 1984 Dec;83(4):899-902

The influence of endorphins on peritoneal and mucosal mast cell secretion. Shanahan F, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):499-504

Adenosine release from stimulated mast cells. Marquardt DL, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6192-6

Selective internalization of granule membrane after secretion in mast cells. Thilo L. **Proc Natl Acad Sci USA** 1985 Mar; 82(6):1711-5

[Cellular histamine liberation and mediators of anaphylaxis] Pauli G, et al. **Ann Fr Anesth Reanim** 1985;4(2):101-8 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Increase of mast cells in the alopecia lesion of mice. Tanii T, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):64-6

Ultrastructure of cerebellar capillary hemangioblastoma. II. Mast cells and angiogenesis. Ho KL. **Acta Neuropathol (Berl)** 1984;64(4):308-18

Morphology of normal and secreting mast cells. Krüger PG. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:118-23 (30 ref.)

Early stages of anaphylactic reaction in rat mast cells revealed with freeze-fracturing. Rydzyński K, et al. **Agents Actions** 1985 Apr;16(3-4):163-5

Isolation of cellular membranes from rat mast cells. Amende LM, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):713-20

Alterations in mast cell degranulation and ovarian histamine in the proestrous hamster. Krishna A, et al. **Biol Reprod** 1985 Jun;32(5):1211-7

Ultrastructural study of the mast cells of the human duodenal mucosa. Moneret-Vautrin DA, et al. **Clin Allergy** 1984 Sep; 14(5):471-81

In situ degranulation of human nasal mucosal mast cells: ultrastructural features and cell-cell associations. Friedman MM, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):70-82

Differences in the behavior of cytoplasmic granules and lipid bodies during human lung mast cell degranulation. Dvorak AM, et al. **J Cell Biol** 1984 Nov;99(5):1678-87

Differences in the volume distributions of human lung mast cell granules and lipid bodies: evidence that the size of these organelles is regulated by distinct mechanisms. Hammel I, et al. **J Cell Biol** 1985 May;100(5):1488-92

Lateral diffusion of membrane particles at the early stage in IgE-mediated mast cell degranulation. Akagi M, et al. **J Electron Microsc (Tokyo)** 1984;33(4):371-4

Fate of bone marrow-derived cultured mast cells after intracutaneous, intraperitoneal, and intravenous transfer into genetically mast cell-deficient W/Wv mice. Evidence that cultured mast cells can give rise to both connective tissue type and mucosal mast cells. Nakano T, et al. **J Exp Med** 1985 Sep 1;162(3):1025-43

Isolation and characterization of human intestinal mucosal mast cells. Fox CC, et al. **J Immunol** 1985 Jul;135(1):483-91

Mast cell degranulation in the evolution of acute eruptive guttate psoriasis vulgaris. Brody I. **J Invest Dermatol** 1984 May;82(5):460-4

Ultrastructure of mast cells in the hyperplastic buccal mucosa of the zinc-deficient rat. Stoncius LV, et al. **J Oral Pathol** 1985 May;14(5):375-82

Granular dissolution of mast cells and histamine release by compound 48/80 in the isolated guinea-pig heart. Gomes JC, et al. **J Submicrosc Cytol** 1984 Oct;16(4):659-64

Biochemical and microscopic evidence for the internalization and degradation of heparin-containing mast cell granules by bovine endothelial cells. Atkins FM, et al. **Lab Invest** 1985 Mar;52(3):278-86

Homology of the rat basophilic leukemia cell and the rat mucosal mast cell. Seldin DC, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3871-5

[Cell surface in the contact interaction of normal masto- and lymphocytes and those subjected to freezing] Nikol'skii IS, et al. **Tsitologiia** 1984 Nov;26(11):1283-6 (Eng. Abstr.) **(Rus)**

MASTECTOMY

Breast conserving therapy for mammary carcinoma. An experimental procedure or a genuine alternative to mastectomy. Blichert-Toft M. **Acta Chir Scand [Suppl]** 1984;519:35-41

Breast carcinoma: pattern of recurrence and metastasis after mastectomy. Lee YT. **Am J Clin Oncol** 1984 Oct;7(5):443-9

Cancer of the breast after prophylactic subcutaneous mastectomy. Eldar S, et al. **Am J Surg** 1984 Nov; 148(5):692-3

Postmastectomy angiosarcoma. Martin MB, et al. **Am Surg** 1984 Oct;50(10):541-5

Recurrent macromastia after subcutaneous mastectomy. Boyce SW, et al. **Ann Plast Surg** 1984 Dec;13(6):511-8

Pressure ulcer of the breast after subcutaneous mastectomy and reconstruction with prosthesis. Mendez-Fernandez MA. **Ann Plast Surg** 1985 Feb;14(2):164-5

Simple mastectomy under local anaesthesia. Dennison AR, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):243-4

Use of the Limberg flap to close breast wounds after partial mastectomy. Gwynn BR, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):245-6

Surgical adjuvant treatment of locally advanced breast cancer. Townsend CM Jr, et al. **Ann Surg** 1985 May; 201(5):604-10

Lobular carcinoma in situ. Braich TA. **Ariz Med** 1985 Feb; 42(2):79-82

Postmastectomy breast reconstruction with an inflatable prosthesis [letter] Dickson MG, et al. **Br J Surg** 1985 Mar; 72(3):253

Survival following local skin recurrence after mastectomy. Fentiman IS, et al. **Br J Surg** 1985 Jan;72(1):14-6

Postmastectomy breast reconstruction with an inflatable prosthesis. Kissin MW, et al. **Br J Surg** 1984 Oct; 71(10):802-4

Prediction of recurrence after mastectomy for operable breast cancer. Nixon SJ, et al. **Br J Surg** 1985 Jan;72(1):7-9

Partial mastectomy alone in early breast cancer. Tagart R, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):434

Prophylactic mastectomy for precancerous and high-risk lesions of the breast. Ariyan S. **Can J Surg** 1985 May; 28(3):262-4, 266

Breast cancer risk factors: can we select women for prophylactic mastectomy? Schechter MT. **Can J Surg** 1985 May;28(3):242-4, 247

Surgical management of the patient at high risk for breast cancer. Temple WJ. **Can J Surg** 1985 May;28(3):256-7, 261

Conservation surgery and irradiation as an alternative to mastectomy in the treatment of clinically favorable breast cancer. Montague ED, et al. **Cancer** 1984 Dec 1;54(11 Suppl):2668-72

Reconstruction of the chest wall in malignant disease. Cunningham MS, et al. **Cent Afr J Med** 1985 Jan;31(1):4-7

Early hospital discharge following mastectomy. Tarazi R, et al. **Cleve Clin Q** 1984 Winter;51(4):579-84

Nitroblue tetrazolium test in patients with breast cancer undergoing mastectomy and radiotherapy. Merkiel K, et al. **Folia Haematol (Leipz)** 1985;112(2):303-10

Breast reconstruction after mastectomy. Stueber K. **J Am Med Wom Assoc** 1985 Jan-Feb;40(1):20-2, 27

Reconstruction of the post-mastectomy patient. Hagerty RC, et al. **J SC Med Assoc** 1984 Oct;80(10):485-9

Galactorrhea after radical mastectomy. Fukunishi H, et al. **Kobe J Med Sci** 1984 Dec;30(5-6):89-98

Informed consent: the case for legislation. Berman M. **Mich Med** 1984 Nov;83(51):556

Virginal hypertrophy. Ryan RF, et al. **Plast Reconstr Surg** 1985 May;75(5):737-42

Breast cancer: postoperative radiation therapy. del Regato JA. **Radiology** 1985 Oct;157(1):267-8

Second malignant neoplasms in operable carcinoma of the breast. Holdener EE, et al. **Recent Results Cancer Res** 1984; 96:188-96

Psychological aspects of breast reconstruction following mastectomy. Jonsson CO, et al. **Scand J Plast Reconstr Surg** 1984;18(3):317-25

Postmastectomy reconstruction. Dinner MI. **Surg Clin North Am** 1984 Dec;64(6):1193-207 (13 ref.)

Expanded use of suction drains. Johnson FE. **Surg Gynecol Obstet** 1985 May;160(5):469

Immediate breast reconstruction following modified radical mastectomy. Santi P, et al. **Tumori** 1984 Oct 31;70(5):451-4

Follow-up after mastectomy for breast cancer. Observations in 96 patients. Viola P, et al. **Tumori** 1985 Apr 30; 71(2):187-91

[Reconstruction of the breast after mastectomy] Maillard GF. **Helv Chir Acta** 1985 Apr;52(1):169-71 (Eng. Abstr.) **(Fre)**

[Review of 250 breast reconstructions after mastectomy] De Mey A. **Rev Med Brux** 1984 Sep;5(7):479-82 (Eng. Abstr.) **(Fre)**

[Reconstruction of the female breast with autologous tissue following mastectomy] Bohmert H. **Fortschr Med** 1985 Jun 6;103(21):571-6 (Eng. Abstr.) **(Ger)**

[Experiences with a transverse lower rectus abdominis musculocutaneous flap. A new method for breast reconstruction] Brunnert K. **Geburtshilfe Frauenheilkd** 1985 May;45(5):308-15 (Eng. Abstr.) **(Ger)**

[5 years' experiences with adjuvant chemotherapy in primary breast cancer] Albrecht M, et al. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):550-6 (Eng. Abstr.) **(Ger)**

[Clinical experiences in the use of lymphovenous anastomoses in secondary lymphedema] Ingianni G, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):43-6 (Eng. Abstr.) **(Ger)**

[Calcifications after tylectomy and irradiation for breast cancer. Their symptomatic picture and diagnostic value] Heywang SH, et al. **ROFO** 1985 Apr;142(4):457-60 (Eng. Abstr.) **(Ger)**

[Breast reconstruction following radical mastectomy with myocutaneous latissimus dorsi flap] Brückner H. **Zentralbl Chir** 1985;110(14):876-82 (Eng. Abstr.) **(Ger)**

[Hyperhistaminemia in neoplasms of the breast] Faverio F, et al. **Chir Ital** 1982 Oct;34(5):727-34 (Eng. Abstr.) **(Ita)**

[Isolated tuberculosis of the sternocleidomastoid muscle in patients mastectomized for breast adenocarcinoma: is it a justifiable entity?] Cappelluti G, et al. **Minerva Med** 1984 Aug 25;75(32-33):1907-9 **(Ita)**

[Multiple primary malignant tumors after radical mastectomy] Miura S. **Gan No Rinsho** 1984 Sep;30(12 Suppl):1578-86 (Eng. Abstr.) **(Jpn)**

[Conservative breast surgery] Veholmen O, et al. **Tidsskr Nor Laegeforen** 1985 Jan 30;105(3):226-7 (Eng. Abstr.) **(Nor)**

[Comparison of the value of preoperative and postoperative irradiation of patients with locally advanced breast cancer] Skolyszewski J, et al. **Nowotwory** 1984 Apr-Jun; 34(2):135-42 (Eng. Abstr.) **(Pol)**

[Prevention of wound complications in patients with cancer of the breast] Mogilevskii IL, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):89-92 **(Rus)**

ADVERSE EFFECTS

Lymphatic venous shunt in the treatment of postmastectomy lymphedema. Liu XY, et al. **Chin Med J [Engl]** 1985 Jan; 98(1):65-6

Histogenesis of post-mastectomy angiosarcoma--an ultrastructural study. McWilliam LJ, et al. **Histopathology** 1985 Mar;9(3):331-43

Angiosarcomas arising in edematous extremities: immunostaining for factor VIII-related antigen and ultrastructural features. Capo V, et al. **Hum Pathol** 1985 Feb;16(2):144-50

Postmastectomy lymphedema [editorial] Beninson J. **Lymphology** 1985 Jun;18(2):54-5

[The secretion inhibition effect of fibrin glue in mastectomy scars. A prospective, randomized, clinically controlled study] Nielsen BP, et al. **Ugeskr Laeger** 1985 Jun 17; 147(25):1995-6 (Eng. Abstr.) **(Dan)**

[Lymphangiosarcoma of the lyphedematous arm following breast amputation (Stewart-Treves syndrome)] Heevel JG, et al. **Ned Tijdschr Geneeskd** 1985 Jun 1;129(22):1054-6 (Eng. Abstr.) **(Dut)**

[Objective measurement of lymphedema after mastectomy] Göltner E, et al. **Dtsch Med Wochenschr** 1985 Jun 14; 110(24):949-52 (Eng. Abstr.) **(Ger)**

[Vascular changes in postmastectomy 'thick arm'] Bianca T, et al. **Chir Ital** 1982 Oct;34(5):693-708 (Eng. Abstr.) **(Ita)**

[Treatment and prevention of postmastectomy lymphedema (our experience)] Modena S, et al. **Chir Ital** 1985 Feb; 37(1):93-9 (Eng. Abstr.) **(Ita)**

[Stewart-Treves syndrome] Giudice PA, et al. **Minerva Chir** 1984 Nov 30;39(22):1623-4 **(Ita)**

[Rehabilitation: treatment of lymphedema of the arm after mastectomy] Mano MP, et al. **Minerva Ginecol** 1985 Mar; 37(3):121-5 (Eng. Abstr.) **(Ita)**

[Postmastectomy complications] Polinari U, et al. **Minerva Ginecol** 1984 Oct;36(10):649-52 **(Ita)**

[Lymphangiosarcoma arising on a lymphedematous arm in a mastectomy patient (or Stewart-Treves syndrome). Description of a case with optic microscopy and electron microscopy findings] Arcuri V, et al. **Pathologica** 1984 Nov-Dec;76(1046):737-42 (Eng. Abstr.) **(Ita)**

[Prevention and treatment of late post-mastectomy edema of the upper limbs] Riabtsev VG, et al. **Khirurgiia (Mosk)** 1985 Apr;(4):122-7 **(Rus)**

[Diagnosis and treatment of arm edema following combination therapy of breast cancer] Selivanov IS. **Med Radiol (Mosk)** 1985 Jan;30(1):19-23 (Eng. Abstr.) **(Rus)**

[Sulfur-containing drugs used in the treatment of postmastectomy edema of the upper limbs] Mogilevskii IL, et al. **Sov Med** 1984;(9):108-11 **(Rus)**

[Metastasis of breast cancer to inguinal lymph nodes and ovaries] Dymarskii LIu, et al. **Vestn Khir** 1985 Feb; 134(2):59-60 **(Rus)**

HISTORY

Eponymns in oncology. William Stewart Halsted (1852-1922). Ellis H. **Eur J Surg Oncol** 1985 Jun;11(2):203

Breast cancer. A personal perspective. Crile G Jr. **Surg Clin North Am** 1984 Dec;64(6):1145-9

Mastectomy performed by Lawrence Heister in the eighteenth century. Meyer KK, et al. **Surg Gynecol Obstet** 1984 Oct;159(4):391-4

[History of breast cancer surgery (review of the literature)] Bazhenova AP, et al. **Khirurgiia (Mosk)** 1985 Mar; (3):124-31 **(Rus)**

METHODS

Breast carcinoma and surgical treatment. Results from randomized studies. Rudenstam CM. **Acta Chir Scand [Suppl]** 1984;519:19-24

Experience and refinements with the supero-medial dermal pedicle for nipple-areola transposition in reduction mammoplasty. Hauben DJ. **Aesthetic Plast Surg** 1984; 8(3):189-94

Psychological outcome of lumpectomy versus mastectomy in the treatment of breast cancer. Steinberg MD, et al. **Am J Psychiatry** 1985 Jan;142(1):34-9

Review of conservative surgery in early breast cancer. British Columbia experience. Holmvang AM, et al. **Am J Surg** 1985 May;149(5):599-601

Results of conservative operations for breast cancer. Hermann RE, et al. **Arch Surg** 1985 Jun;120(6):746-51

An objective analysis of immediate simultaneous reconstruction in the treatment of primary carcinoma of the breast. Frazier TG, et al. **Cancer** 1985 Mar 15; 55(6):1202-5

Histologic multifocality of Tis, T1-2 breast carcinomas. Implications for clinical trials of breast-conserving surgery. Holland R, et al. **Cancer** 1985 Sep 1;56(5):979-90

Primary treatment of early breast cancer with conservation surgery and radiation therapy. The effect of adjuvant chemotherapy. Levitt SH. **Cancer** 1985 May 1;55(9 Suppl):2140-8 (51 ref.)

A controlled trial of extended radical mastectomy. Meier P, et al. **Cancer** 1985 Feb 15;55(4):880-91

Local regional effectiveness of surgery and radiation therapy in the treatment of breast cancer. Montague ED, et al. **Cancer** 1985 May 1;55(9 Suppl):2266-72

Evaluation of intercostobrachial nerve preservation in modified radical mastectomy for breast cancer--preliminary report on sensory disturbance test results. Nishiki M, et al. **Hiroshima J Med Sci** 1984 Sep; 33(3):559-62

Electron arc therapy: physical measurement and treatment planning techniques. Leavitt DD, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):987-99

Informed consent and treatment of primary breast cancer. Tranum BL, et al. **J Arkansas Med Soc** 1984 Nov;81(6):324

Treatment of breast cancer--is conservation safe? [editorial] **Lancet** 1985 Apr 27;1(8435):964

Breast cancer: which operation? Papatestas AE. **Mt Sinai J Med (NY)** 1985 Mar;52(3):181-4

Ten-year results of a randomized clinical trial comparing radical mastectomy and total mastectomy with or without radiation. Fisher B, et al. **N Engl J Med** 1985 Mar 14; 312(11):674-81

Five-year results of a randomized clinical trial comparing total mastectomy and segmental mastectomy with or without radiation in the treatment of breast cancer. Fisher B, et al. **N Engl J Med** 1985 Mar 14;312(11):665-73

Surgery for breast cancer. Less may be as good as more [editorial] Mueller CB. **N Engl J Med** 1985 Mar 14; 312(11):712-4

A new skin incision proposed for use in radical mastectomies. Innocenzi A, et al. **Panminerva Med** 1984 Oct-Dec; 26(4):261-6

Modified radical mastectomy. Ashikari RH. **Surg Clin North Am** 1984 Dec;64(6):1095-102

Subcutaneous mastectomy. Promises and pitfalls. Hyland WT. **Surg Clin North Am** 1985 Apr;65(2):373-81

Biologic considerations regarding the one and two step procedures in the management of patients with invasive carcinoma of the breast. Fisher ER, et al. **Surg Gynecol Obstet** 1985 Sep;161(3):245-9

[Operative approach in modified mastectomy] Xue HY. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):618, 639 (Eng. Abstr.) **(Chi)**

[The surgical treatment of breast cancer] Lavigne JC. **Acta Chir Belg** 1985 Jan-Feb;85(1):XV-XVII **(Fre)**

[200 total breast reconstructions performed at the Institut Gustave-Roussy since 1976 (excluding subcutaneous mastectomies)] Petit JY, et al. **Ann Chir Plast Esthet** 1985; 30(1):17-27 (Eng. Abstr.) **(Fre)**

[A new technic for examining breast amputation specimens. Results of 11 cases of Paget's disease of breast] Warter AL, et al. **Ann Pathol** 1984 Dec;4(5):329-37 (Eng. Abstr.) **(Fre)**

[Elements of surgical therapy of the breast] Van Bogaert LJ. **Rev Fr Gynecol Obstet** 1984 May;79(5):411-9 **(Fre)**

[Pilot study on the individualized and nonmutilating treatment of breast cancer (Personal experience at Hôpital Saint-Luc from 1970 to 1976)] Poisson R, et al. **Union Med Can** 1984 Jun;113(6):494-501 **(Fre)**

[Conservative treatment of breast cancer] Veronesi U. **Chirurg** 1985 Apr;56(4):269-75 **(Ger)**

[Strategy and operative procedures in the treatment of breast cancer] Schreiner WE. **Gynakol Rundsch** 1984;24 Suppl 1:54-77 (84 ref.) **(Ger)**

[By what indications are limited interventions in breast cancer currently justified?] Harder F, et al. **Langenbecks Arch Chir** 1985;363(3):219-24 **(Ger)**

[Mastectomy and breast reconstruction: surgical therapy of cancer of the breast as a function of current reconstructive demands] Dettori G, et al. **Minerva Chir** 1985 Jun 30; 40(12):897-902 (Eng. Abstr.) **(Ita)**

[Mastectomy technics favoring the surgical reconstruction of the breast] Modena S, et al. **Minerva Chir** 1984 Jun 30; 39(12):969-72 (Eng. Abstr.) **(Ita)**

[The importance of the type of surgical exeresis on survival in breast cancer. Possibility of polychemotherapy] Orecchia C, et al. **Minerva Chir** 1984 Apr 30;39(8):623-6 (Eng. Abstr.) **(Ita)**

[Reoperation in local and regional recurrence of breast carcinoma following nonradical surgery] Conti AR, et al. **Minerva Ginecol** 1984 Oct;36(10):645-7 **(Ita)**

[Subcutaneous mastectomy and mammary reconstruction with dermofat flaps] Lodovici O, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug; 39(4):141-7 (Eng. Abstr.) **(Por)**

[Parasternal lymphadenectomy in the treatment of patients with breast cancer] Bazhenova AP. **Khirurgiia (Mosk)** 1985 Apr;(4):51-6 (Eng. Abstr.) **(Rus)**

[Variants of surgical methods for localized forms of breast cancer] Komissarov AB. **Vopr Onkol** 1985;31(7):53-7 (Eng. Abstr.) **(Rus)**

[Conservative treatment of breast cancer] Puga J. **Rev Chil Obstet Ginecol** 1983;48(1):26-9 **(Spa)**

MORTALITY

Survival after local treatment for early breast cancer. Hacking EA, et al. **S Afr Med J** 1985 May 25;67(21):842-4

NURSING

Teaching ward nurses to monitor cancer patients. Faulkner A, et al. **Clin Oncol** 1984 Dec;10(4):383-9

PSYCHOLOGY

The sooner the better: a study of psychological factors in women undergoing immediate versus delayed breast reconstruction. Schain WS, et al. **Am J Psychiatry** 1985 Jan;142(1):40-6

Markov models for covariate dependence of binary sequences. Muenz LR, et al. **Biometrics** 1985 Mar; 41(1):91-101

Attitudes toward post-mastectomy reconstruction in Puerto Rico. Laracuente R, et al. **Bol Asoc Med PR** 1985 Mar; 77(3):99-100

Illness-related and treatment-related factors in psychological adjustment to breast cancer. Taylor SE, et al. **Cancer** 1985 May 15;55(10):2506-13

Psychological effects of breast conserving therapy in comparison with radical mastectomy. Bartelink H, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):381-5

Time-limited thematic group with post-mastectomy patients. Baider L, et al. **J Psychosom Res** 1984;28(4):323-30

Addressing emotional aspects of mastectomy. Shearer MR, et al. **Mich Med** 1984 Nov;83(51):561-2

The attitude of South African women to mastectomy for breast cancer. Nel CJ, et al. **S Afr Med J** 1985 May 4; 67(18):728-9

[Breast mutilations and reconstructions. Psychological effects] Lehmann A. **Ann Chir Plast Esthet** 1985; 30(1):28-31 (Eng. Abstr.) **(Fre)**

[Changes in the psychosomatic status following operative augmentation and reduction of the female breast. Catamnestic study from the operative-gynecologic and psychosomatic viewpoints] Liedtke B, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):316-9 (Eng. Abstr.) **(Ger)**

[Psychological and social behavior of females following radical operation of breast cancer] Schmauss AK, et al. **Zentralbl Chir** 1985;110(1):12-25 (Eng. Abstr.) **(Ger)**

[Masked depression in obstetrics and gynecology] Angelini G, et al. **Minerva Ginecol** 1984 Jul-Aug;36(7-8):455-8 (Eng. Abstr.) **(Ita)**

[Psychological aspects of pregnant women with breast cancer and the desire of mastectomy patients to become pregnant] Lazzari R, et al. **Minerva Psichiatr** 1984 Oct-Dec; 25(4):223-6 (Eng. Abstr.) **(Ita)**

REHABILITATION

An assessment of the Reach to Recovery program. Rogers TF, et al. **CA** 1985 Mar-Apr;35(2):116-24

Efficacy of physical therapy for patients who have undergone mastectomies. A prospective study. Wingate L. **Phys Ther** 1985 Jun;65(6):896-900

The Mastectomy Association. Tierney J, et al. **Practitioner** 1985 Mar;229(1401):265-7

[Functional exercises of the upper limbs after radical mastectomy] Zhang BN. **Chung Hua Hu Li Tsa Chih** 1984 Aug;19(4):207-10 **(Chi)**

[Reconstruction of the breast after radical mastectomy] Furlan S, et al. **Chir Ital** 1983 Jun;35(3):298-308 (Eng. Abstr.) **(Ita)**

[Mastectomy and breast reconstruction: possibilities and limitations of post-mastectomy reconstructive surgery] Riberti C, et al. **Minerva Chir** 1985 Jun 30;40(12):911-20 (Eng. Abstr.) **(Ita)**

[Pneumatic compression in the treatment of lymphatic edema of the arm in patients subjected to radical surgery for breast cancer] Gerasimenko VN, et al. **Vopr Onkol** 1984; 30(9):35-8 (Eng. Abstr.) **(Rus)**

TRENDS

The present status of management of primary breast cancer. Dixon PK. **J Med Assoc Ga** 1984 Sep;73(9):633-5

MASTICATION

Long-term effects on chewing with mandibular fixed prostheses on osseointegrated implants. Lindquist LW, et al. **Acta Odontol Scand** 1985 Mar;43(1):39-45

Chewing cycles in 4- and 5-year-old Down's syndrome children: a comparison of eating efficacy with normals. Gisel EG, et al. **Am J Occup Ther** 1984 Oct;38(10):666-70

Chewing nifedipine to rapidly treat hypertension. Haft JI, et al. **Arch Intern Med** 1984 Dec;144(12):2357-9

Chewing oscillopsia [letter] Boyson SJ. **Arch Neurol** 1984 Nov;41(11):1129

Distribution of particle sizes in food comminuted by human mastication. Olthoff LW, et al. **Arch Oral Biol** 1984; 29(11):899-903

Secretion of saliva by human lip mucous glands and parotid glands in response to gustatory stimuli and chewing. Speirs RL. **Arch Oral Biol** 1984;29(11):945-8

Non-linear amplification of electromyographic signals with particular application to human chewing. Stohler CS, et al. **Arch Oral Biol** 1985;30(3):217-9

An introduction to the concepts of oral dysfunction. A report of a teaching exercise. Ogden AR, et al. **Br Dent J** 1984 Aug 11;157(3):105-8

Masseter, digastric and omohyoidal responses from weak mechanical oral stimuli in the chewing rat. Jüch PJ, et al. **Brain Behav Evol** 1984;25(2-3):166-74

A study of jaw reflexes of the awake cat during mastication and locomotion. Lund JP, et al. **Brain Behav Evol** 1984; 25(2-3):146-56

The effects of a glycine antagonist (strychnine) on cortically induced rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Brain Res** 1985 Jan 28; 325(1-2):181-6

Effects of a serotonin agonist and antagonist on cortically induced rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Brain Res** 1985 May 20; 334(2):201-6

Differentiation of the neural pathways mediating cortically induced and dopaminergic activation of the central pattern generator (CPG) for rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Brain Res** 1984 Dec 10;323(2):297-301

The relationship between cortically induced mandibular movements and lateral pterygoid and digastric muscle EMG activity in the anesthetized guinea pig. Lambert RW, et al. **Brain Res** 1985 Mar 11;329(1-2):7-17

Single unit activity in lateral reticular nucleus during cortically evoked masticatory movements in rabbits. Marini G, et al. **Brain Res** 1985 Jul 1;337(2):287-92

Reduced mitotic activity and atrophy in oral epithelium of the rat following elimination of masticatory movements. Meyer J, et al. **Growth** 1984 Winter;48(4):455-65

Masticatory handicap, socioeconomic status, and chronic conditions among adults. Chen MK, et al. **J Am Dent Assoc** 1984 Dec;109(6):916-8

Relationship in very elderly veterans of nutritional status, self-perceived chewing ability, dental status, and social isolation. Gordon SR, et al. **J Am Geriatr Soc** 1985 May; 33(5):334-9

Slow-release methylphenidate: problems when children chew tablets [letter] Rosse RB, et al. **J Clin Psychiatry** 1984 Dec;45(12):525

Some clinical investigations of the masticatory performance of complete denture wearers. Poyiadjis YM, et al. **J Dent** 1984 Dec;12(4):334-41

Frequency-dependent modulation of rhythmic human jaw movements. Morimoto T, et al. **J Dent Res** 1984 Nov; 63(11):1310-4

Analysis of rhythmical jaw movements produced by electrical stimulation of motor-sensory cortex of rabbits. Lund JP, et al. **J Neurophysiol** 1984 Dec;52(6):1014-29

A He-Ne laser position-detector for recording jaw movements: principle of operation and application in animal experiments. Morimoto T, et al. **J Neurosci Methods** 1984 Aug;11(3):193-8

Demonstration of chewing motor disorder by recording peripheral correlates of mastication. Stohler CS, et al. **J Oral Rehabil** 1985 Jan;12(1):49-57

The possible relation between mastication and parotid secretion in the rabbit. Anderson DJ, et al. **J Physiol (Lond)** 1985 Jul;364:19-29

Occlusion and mandibular dysfunction: a clinical study of patients referred for functional disturbances of the masticatory system. Droukas B, et al. **J Prosthet Dent** 1985 Mar;53(3):402-6

Changes in chewing patterns of patients with complete dentures after placement of osseointegrated implants in the mandible. Jemt T, et al. **J Prosthet Dent** 1985 Apr; 53(4):578-83

Computer-based analysis of the single chewing cycle during mastication in repeated registrations. Jemt T, et al. **J Prosthet Dent** 1984 Sep;52(3):437-43

Relationship between stage of dental development and electromyographic silent periods during chewing. Josell SD, et al. **J Prosthet Dent** 1984 Oct;52(4):593-7

Studies of biologic parameters for denture design. Part II: Comparison of masseter muscle activity, masticatory performance, and salivary secretion rates between denture and natural dentition groups. Kapur KK, et al. **J Prosthet Dent** 1984 Sep;52(3):408-13

Possible role of tensile stress in the etiology of cervical erosive lesions of teeth. Lee WC, et al. **J Prosthet Dent** 1984 Sep;52(3):374-80

Studies of biologic parameters for denture design. Part III: Effects of occlusal adjustment, base retention, and fit on masseter muscle activity and masticatory performance. Perez P, et al. **J Prosthet Dent** 1985 Jan;53(1):69-73

Silent period in jaw elevator muscle activity during mastication. Stohler CS, et al. **J Prosthet Dent** 1984 Nov; 52(5):729-35

The dynamic effect of chewing gum on gastric acid secretion. Lauritzen JB, et al. **Nucl Med Commun** 1985 Apr; 6(4):229-33

Evaluation of load transmission by removable partial dentures. Pezzoli M, et al. **Panminerva Med** 1984 Apr-Jun; 26(2):83-6

Relationship between emotions and muscle tension in oro-alimentary behavior. Ruggieri V, et al. **Percept Mot Skills** 1985 Feb;60(1):75-9

Masticatory mandibular movements. Analysis of a recording method and influence of the state of the occlusion. Jemt T. **Swed Dent J [Suppl]** 1984;23:1-52

[Association of Stilling-Duane syndrome and Brown's syndrome with crocodile tear syndrome and other congenital anomalies] Karsenti G, et al. **Bull Soc Ophtalmol Fr** 1984 May;84(5):661-2 **(Fre)**

[Masticatory functional analysis--a myotonographic pilot study] Frentzen H. **Dtsch Zahnarztl Z** 1984 Jun; 39(6):433-44 (14 ref.) (Eng. Abstr.) **(Ger)**

[Mastication movements] Müller T, et al. **Dtsch Zahnarztl Z** 1984 Jun;39(6):452-5 **(Ger)**

[Elimination of food residues by chewing on a plastic device] Marthaler TM, et al. **Schweiz Monatsschr Zahnmed** 1984 Dec;94(12):1207-14 (Eng. Abstr.) **(Ger)**

[Central neuronal mechanisms responsible for pattern generation of masticatory movements] Nakamura Y. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):1-15 (57 ref.) **(Jpn)**

[Transition from sucking to chewing] Narita N, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):616 **(Jpn)**

[Effect of experimental cuspid rise on the masticatory system] Shinogaya T. **Kokubyo Gakkai Zasshi** 1985 Mar; 52(1):94-117 (Eng. Abstr.) **(Jpn)**

[Single unit activity in cortical masticatory area during natural masticatory movement in cats] Taira M. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):641-55 (Eng. Abstr.) **(Jpn)**

[Characteristics of the human masseter muscle during hypokinesia] Solov'ev VA. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):77-83 (Eng. Abstr.) **(Rus)**

[Effect of masticatory efficiency on gastric secretory function] Iushchenko MD. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):48-9 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

The effect of fentanyl on the lick/chew response in rabbits. Myers DE, et al. **Neuropeptides** 1985 Feb;5(4-6):407-10

Pharmacological characterisation of spontaneous or drug-associated purposeless chewing movements in rats. Rupniak NM, et al. **Psychopharmacology (Berlin)** 1985; 85(1):71-9

MASTICATORY MUSCLES

Masseter spasm with anesthesia: incidence and implications. Schwartz L, et al. **Anesthesiology** 1984 Dec;61(6):772-5

Hemimasticatory and hemifacial spasm: a common pathophysiology? Thompson PD, et al. **Clin Exp Neurol** 1983;19:110-9

Tenomyositis of the masseter muscle: report of cases. Friedman MH. **J Am Dent Assoc** 1985 Feb;110(2):201-2

[Pseudoankylosis of the temporomandibular joint due to fibrosis of the temporal muscle following craniotomy. A report of 2 cases] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):387-93 (Eng. Abstr.) **(Ita)**

[Masticatory spasm in progressive facial hemiatrophy] Shimizu H, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):351-4 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Canonical correlations between masticatory muscle orientation and dentoskeletal morphology in children. Takada K, et al. **Am J Orthod** 1984 Oct;86(4):331-41

Geronto-anatomical aspects of the buccinator muscle in prosthetic stomatology. Prágai G. **Anat Anz** 1985; 158(2):159-67

Sphenotemporalis: a new muscle in man. Mack PJ. **J Anat** 1984 Dec;139 (Pt 4):587-91

Form and function of the masticatory musculature in the tree sloths, Bradypus and Choloepus. Naples VL. **J Morphol** 1985 Jan;183(1):25-50

Morphological basis of the feeding mechanics in the shingle-back lizard Trachydosaurus rugosus (Scincidae, Reptilia). Wineski LE, et al. **J Morphol** 1984 Sep; 181(3):271-95

BLOOD SUPPLY

Arterial supply to the masseter muscle in the cow. Suzuki T. **Nippon Juigaku Zasshi** 1984 Oct;46(5):659-67

[Arterial supply to the masseter muscle in rabbit] Suzuki T. **Kaibogaku Zasshi** 1984 Apr;59(2):122-30 **(Jpn)**

[Effect of temporary dental splinting on the function of the maxillodental system in periodontal diseases] Viaz'min AIa. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):20-2 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

In vitro interaction between halothane and succinylcholine in human skeletal muscle: implications for malignant hyperthermia and masseter muscle rigidity. Fletcher JE, et al. **Anesthesiology** 1985 Aug;63(2):190-4

ENZYMOLOGY

Properties of phosphoglyceromutase from rabbit masseters--comparisons with some properties of 2,3-bisphosphoglycerate phosphate. Maeno M, et al. **J Nihon Univ Sch Dent** 1984 Jun;26(2):97-108

GROWTH & DEVELOPMENT

Changes with advance of age of the human maxillomandibularis, zygomaticomandibularis and superficial temporalis. Tanuma K. **Okajimas Folia Anat Jpn** 1984 May;61(1):1-13

INNERVATION

Localization and morphometric analysis of masticatory muscle afferent neurons in the nucleus of the mesencephalic root of the trigeminal nerve in the cat. Capra NF, et al. **Acta Anat (Basel)** 1985;122(2):115-25

Arrangement of supramandibular and suprahyoid motoneurons in the rat; a fluorescent tracer study. Rokx JT, et al. **Acta Anat (Basel)** 1985;122(3):158-62

Ultrastructural changes of neuromuscular receptor organs in the masseter muscles following unilateral transection of the rat infraorbital nerve. Kubota K, et al. **Anat Anz** 1985; 158(2):135-57

Masseter, digastric and omohyoidal responses from weak mechanical oral stimuli in the chewing rat. Jüch PJ, et al. **Brain Behav Evol** 1984;25(2-3):166-74

Pontomedullary raphe neurons: monosynaptic excitation from midbrain sites that suppress the jaw opening reflex. Mason P, et al. **Brain Res** 1985 Mar 11;329(1-2):384-9

Functional differentiation of hypoglossal motoneurons during the amygdaloid or cortically induced rhythmical jaw and tongue movements in the rat. Kaku T. **Brain Res Bull** 1984 Jul;13(1):147-54

Effects of whole-body rotation on masseteric motoneuron excitability. Hickenbottom RS, et al. **Exp Neurol** 1985 Aug; 89(2):442-53

Distribution of innervating neurons of masticatory muscle spindles in the rat: an HRP study. Rokx JT, et al. **Exp Neurol** 1985 Jun;88(3):562-9

The distribution of afferent neurones in the mesencephalic nucleus of the fifth nerve in the cat. Gottlieb S, et al. **J Comp Neurol** 1984 Sep 10;228(2):273-83

Analysis of rhythmical jaw movements produced by electrical stimulation of motor-sensory cortex of rabbits. Lund JP, et al. **J Neurophysiol** 1984 Dec;52(6):1014-29

Trigeminal sensorimotor mechanisms and ingestive behavior. Zeigler HP, et al. **Neurosci Biobehav Rev** 1984 Fall; 8(3):415-23

The motor innervation of the single-bellied digastric muscle in the rabbit: a retrograde horseradish peroxidase study. Baisden RH, et al. **Neurosci Lett** 1985 May 14;56(2):129-36

[The location of the neurons supplying the masseter of rats by horseradish peroxidase] Yuan WZ, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):41-3 (Eng. Abstr.) **(Chi)**

[Comparative studies on the characteristic structure of sensory and motor mechanisms in the stomatognathic system of the pangolin, Manis aurita (Mammalia). Part 2. Electron microscopic observations on the masticatory muscle spindles in the pangolin] Yeh YC. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):16-43 (Eng. Abstr.) **(Jpn)**

METABOLISM

Inhibition by free radical scavengers and by cyclooxygenase inhibitors of the effect of acidosis on calcium transport by masseter muscle sarcoplasmic reticulum. Okabe E, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):961-8

PATHOLOGY

Computed tomography of benign masseteric hypertrophy. Braun IF, et al. **J Comput Assist Tomogr** 1985 Jan-Feb; 9(1):167-70

Intramuscular myxoma of the masseter. Bedrosian SA, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):684-6

[Masseteric hypertrophy] Chen YR. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):96-101 (Eng. Abstr.) **(Chi)**

[Circumscribed osteoatrophy of the skull--a late symptom in bruxism] Lahrsow G, et al. **Z Hautkr** 1984 Oct 15; 59(20):1385-91 (Eng. Abstr.) **(Ger)**

[Experience with masseter hypertrophy of occlusal origin] Gulics A, et al. **Fogorv Sz** 1985 Jul;78(7):198-201 (Eng. Abstr.) **(Hun)**

[Characteristics of the human masseter muscle during hypokinesia] Solov'ev VA. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):77-83 (Eng. Abstr.) **(Rus)**

[Hypertrophy of the masseter muscle] Rončević R, et al. **Chir Maxillofac Plast** 1984;14(2-3):113-20 (Eng. Abstr.) **(Scr)**

PHYSIOLOGY

An electromyographic analysis of the temporalis function of normal occlusion. Ahlgren J, et al. **Am J Orthod** 1985 Mar;87(3):230-9

Associations between anterior temporal, masseter, and orbicularis oris muscle activity and craniofacial morphology in children. Lowe AA, et al. **Am J Orthod** 1984 Oct;86(4):319-30

The control of condylar growth: an experimental evaluation of the role of the lateral pterygoid muscle. Whetten LL, et al. **Am J Orthod** 1985 Sep;88(3):181-90

Myocentric. A clinical appraisal. Dinham GA. **Angle Orthod** 1984 Jul;54(3):211-7

Bite force and masseter muscle electromyographic activity during onset of an isometric clench in man. Devlin H, et al. **Arch Oral Biol** 1985;30(3):213-5

Flexibility in motor-unit firing pattern in the human temporal and masseter muscles related to type of activation and location. Eriksson PO, et al. **Arch Oral Biol** 1984; 29(9):707-12

Short and long-latency responses in human masseter muscle evoked by chin taps. Hellsing G, et al. **Arch Oral Biol** 1984; 29(11):853-8

Ca2+ sensitivities and transient tension responses to step-length stretches in feline mechanically-stripped single-fibre jaw-muscle preparations. Kato C, et al. **Arch Oral Biol** 1985;30(5):429-32

Correlation between surface electromyograms and the susceptibility to fatigue of the human masseter muscle. Naeije M. **Arch Oral Biol** 1984;29(11):865-70

Mechanical properties of glycerinated guinea-pig temporal and masseter muscles. Saeki Y, et al. **Arch Oral Biol** 1984; 29(9):663-8

Trigeminal reflexes and ingestive behavior in the rat. Zeigler HP, et al. **Behav Neurosci** 1984 Dec;98(6):1023-38

The digastric reflex evoked by tooth-pulp stimulation in the cat and its modulation by stimuli applied to the limbs. Cadden SW. **Brain Res** 1985 Jun 10;336(1):33-43

The relationship between cortically induced mandibular movements and lateral pterygoid and digastric muscle EMG activity in the anesthetized guinea pig. Lambert RW, et al. **Brain Res** 1985 Mar 11;329(1-2):7-17

A qualitative investigation of the topographical representation of masticatory muscles within the motor trigeminal nucleus of the rat: a horseradish peroxidase study. Lynch R. **Brain Res** 1985 Feb 18;327(1-2):354-8

Oral pressure receptors mediate a series of inhibitory and excitatory periods in the masseteric poststimulus EMG complex following tapping of a tooth in man. van der Glas HW, et al. **Brain Res** 1985 Jun 24;337(1):117-25

Do periodontal mechanoreceptors mediate the short latency excitatory reflex in human masseter muscle? Carels C, et al. **Electromyogr Clin Neurophysiol** 1985 May-Jun; 25(4):261-70

A cephalometric and electromyographic investigation of patients treated for the correction of mandibular prognathism by mandibular surgery only. Moss JP. **Int J Orthod** 1985 Spring;23(1-2):10-9

Noradrenergic modulation of sensorimotor processes in intact rats: the masseteric reflex as a model system. Morilak DA, et al. **J Neurosci** 1985 May;5(5):1300-6

Changes in electromyographic activity following superior repositioning of the maxilla. Johnston CP, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):656-64

The influence of stimulus type and stimulus strength on the silent period in human masticatory muscles. Kroon GW, et al. **J Oral Rehabil** 1984 Nov;11(6):547-54

The effect of changing the maxillomandibular relationship by a bite plane on the habitual mandibular opening and closing movement. Maruyama T, et al. **J Oral Rehabil** 1984 Sep;11(5):455-65

Evaluation of the effect of anxiety on the masseteric silent period duration. Nowlin TP, et al. **J Oral Rehabil** 1985 Mar;12(2):119-22

The anatomy and electrical activity of the platysma muscle. Widmalm SE, et al. **J Oral Rehabil** 1985 Jan;12(1):17-22

Functional adaptation to changes in vertical dimension. Hellsing G. **J Prosthet Dent** 1984 Dec;52(6):867-70

Relationship between stage of dental development and electromyographic silent periods during chewing. Josell SD, et al. **J Prosthet Dent** 1984 Oct;52(4):593-7

Studies of biologic parameters for denture design. Part II: Comparison of masseter muscle activity, masticatory performance, and salivary secretion rates between denture and natural dentition groups. Kapur KK, et al. **J Prosthet Dent** 1984 Sep;52(3):408-13

Relationship between occlusal contacts and jaw-closing muscle activity during tooth clenching: Part I. MacDonald JW, et al. **J Prosthet Dent** 1984 Nov;52(5):718-28

Relationship between occlusal contacts and jaw-closing muscle activity during tooth clenching: Part II. MacDonald JW, et al. **J Prosthet Dent** 1984 Dec;52(6):862-7

Influence of vertical dimension on masseter muscle electromyographic activity in patients with mandibular dysfunction. Manns A, et al. **J Prosthet Dent** 1985 Feb; 53(2):243-7

Studies of biologic parameters for denture design. Part III: Effects of occlusal adjustment, base retention, and fit on masseter muscle activity and masticatory performance. Perez P, et al. **J Prosthet Dent** 1985 Jan;53(1):69-73

Silent period in jaw elevator muscle activity during mastication. Stohler CS, et al. **J Prosthet Dent** 1984 Nov; 52(5):729-35

The effects of orofacial sensory input on spontaneously occurring and apomorphine-induced rhythmical jaw movements in the anesthetized guinea pig. Chandler SH, et al. **Neurosci Lett** 1985 Jan 7;53(1):45-9

Recovery cycle of the masseter inhibitory reflex in man. Cruccu G, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):63-8

Recovery of jaw muscle function following injection of a myotoxic agent (lidocaine-epinephrine). Hinton RJ, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):247-51

Comparative electromyographic study of bite plates and stabilization splints. Dahlström L, et al. **Scand J Dent Res** 1985 Jun;93(3):262-8

[Physiological parameters of masseter and temporal reflexes in man] Verkindere MT, et al. **J Physiol (Paris)** 1984; 79(1):17-21 (Eng. Abstr.) **(Fre)**

[Masticatory functional analysis—a myotonographic pilot study] Frentzen H. **Dtsch Zahnarztl Z** 1984 Jun; 39(6):433-44 (14 ref.) (Eng. Abstr.) **(Ger)**

[Relation between the lateral pterygoid muscle and the articular disk and their significance for movement in the temporo-mandibular joint] Pinkert R. **Zahn Mund Kieferheilkd** 1984;72(6):553-8 (Eng. Abstr.) **(Ger)**

[Interpretation of electromyography data on the principal masticatory muscles] Solov'ev MM, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):4-7 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Trismus in postoperative, posttraumatic and other brain stem lesions caused by paradoxical activity of masticatory muscles. Schwerdtfeger K, et al. **Acta Neurochir (Wien)** 1985;76(1-2):62-6

The masseteric post-stimulus electromyographic-complex in people with dysfunction of the mandibular joint. De Laat A, et al. **Arch Oral Biol** 1985;30(2):177-80

Stress-induced muscular activity in mandibular dysfunction: effects of biofeedback training. Dahlström L, et al. **J Behav Med** 1985 Jun;8(2):191-200

Malocclusion, masticatory muscle, and temporomandibular joint tenderness. Bush FM. **J Dent Res** 1985 Feb; 64(2):129-33

Electromyographic activity of anterior temporal area pain patients and non-pain subjects. Majewski RF, et al. **J Dent Res** 1984 Oct;63(10):1228-31

The role of the free-way space in the generation of muscle pain among denture-wearers. Monteith B. **J Oral Rehabil** 1984 Sep;11(5):483-98

Demonstration of chewing motor disorder by recording peripheral correlates of mastication. Stohler CS, et al. **J Oral Rehabil** 1985 Jan;12(1):49-57

The influence of altered working-side occlusal guidance on masticatory muscles and related jaw movement. Belser UC, et al. **J Prosthet Dent** 1985 Mar;53(3):406-13

Relationships between jaw pain and jaw muscle contraction level: underlying factors and treatment effectiveness. Sherman RA. **J Prosthet Dent** 1985 Jul;54(1):114-8

Mandibular postural tremor during relaxation and during volitional innervation of the jaw muscles. de Vries JH, et al. **Pflugers Arch** 1984 Sep;402(1):76-82

Experimental dyskinesias of the jaw: central and oral induction of the periodontal-masseteric reflex in the rat. Sundén-Kuronen B. **Proc Finn Dent Soc** 1984;80 Suppl 9-11:1-40

The electromyographic silent periods in the patients with temporomandibular joint and muscle pain dysfunction syndrome. Shiau YY. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):102-12

[Limitations in opening the mouth after temporal craniotomy. Observations on 3 clinical cases] Gazzotti A, et al. **Acta Biomed Ateneo Parmense** 1984;55(5-6):295-301 (Eng. Abstr.) **(Ita)**

[Congenital disorders of the oculomotor system among our cases. Brown's syndrome and Marcus-Gunn synkinesis] Krzystkowa KM, et al. **Klin Oczna** 1984 Sep;86(9):383-5 (Eng. Abstr.) **(Pol)**

[Electromyographic characteristics of the masticatory muscles during the treatment of uncomplicated mandibular fractures by helium-neon laser radiation] Urazalin ZhB, et al. **Stomatologiia (Mosk)** 1984 Nov-Dec;63(6):66-8 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Physiological cross-section of the human jaw muscles. Weijs WA, et al. **Acta Anat (Basel)** 1985;121(1):31-5

Computed tomography of the buccomasseteric region: 2. Pathology. Braun IF, et al. **AJNR** 1984 Sep-Oct;5(5):611-6

Computed tomography of the buccomasseteric region: 1. Anatomy. Braun IF, et al. **AJNR** 1984 Sep-Oct;5(5):605-10

SURGERY

Advancement genioplasty with and without soft tissue pedicle: An experimental investigation. Ellis E 3d, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):637-45

Temporalis muscle transfer: a vascular bed for autogenous dermis-fat orbital implantation. Bosniak S, et al. **Ophthalmology** 1985 Feb;92(2):292-6

[Treatment of TMJ syndrome by detaching the lateral pterygoid muscle from the lateral pterygoid plate] Hong M. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar; 20(2):96-7 **(Chi)**

[The temporal muscle and its aponeurosis. Structural originality. Surgical value] Antoine P, et al. **Ann Chir Plast Esthet** 1984;29(3):227-32 (Eng. Abstr.) **(Fre)**

TRANSPLANTATION

Temporalis muscle-galea flap in facial reanimation. Mathog RH, et al. **Arch Otolaryngol** 1985 Mar;111(3):168-73

Temporalis pericranial muscle flap for reconstruction of the lateral face and head. Renner G, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1418-22

ULTRASTRUCTURE

Changes in distribution of some crucial elements in masseter myofibers following surgically induced trauma. Engel MB, et al. **J Oral Maxillofac Surg** 1985 Jul;43(7):528-30

[Comparative studies on characteristic structures of sensory and motor mechanisms in the stomatognathic system of the pangolin, Manis aurita (Mammalia). Part 1. Masticatory muscle and their spindle supply in the pangolin] Yeh YC. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):674-88 (Eng. Abstr.) **(Jpn)**

[Morphofunctional relationships of myons and blood capillaries in the normal masticatory muscle and in the immobilized mandible] Solov'ev VA. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):9-11 (Eng. Abstr.) **(Rus)**

MASTIGOPHORA

ANALYSIS

Electrophoretic analysis of soluble proteins and esterase, superoxide dismutase and acid phosphatase isoenzymes of members of the protozoan family trichomonadidae. Gradus MS, et al. **Comp Biochem Physiol [B]** 1985;81(1):229-33

Formation of (1----2)-linked beta-D-mannopyranan by Leishmania mexicana amazonensis: relationship with certain Crithidia and Herpetomonas species. Previato JO, et al. **J Parasitol** 1984 Jun;70(3):449-50

CYTOLOGY

Synthesis and possible role of proteoglycans during Volvox development. Kopan R, et al. **Cell Differ** 1985 Apr; 16(2):119-32

Effect of dimethylsulfoxide on the cell surface of Herpetomonas samuelpessoai. Soares RM, et al. **J Submicrosc Cytol** 1984 Oct;16(4):735-9

ENZYMOLOGY

Trichomonas vaginalis, Tritrichomonas foetus, and Trichomitus batrachorum: comparative proteolytic activity. Lockwood BC, et al. **Exp Parasitol** 1984 Dec; 58(3):245-53

Identification of a novel, thiol-containing co-factor essential for glutathione reductase enzyme activity in trypanosomatids. Fairlamb AH, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):187-98

GENETICS

Conservative and divergent base sequence regions in the maxicircle kinetoplast DNA of several trypanosomatid flagellates. Maslov DA, et al. **Mol Biochem Parasitol** 1984 Jul;12(3):351-64

GROWTH & DEVELOPMENT

In vitro cultivation of Trypanoplasma strains isolated from pike and leech (preliminary report). Hajdú E, et al. **Acta Vet Hung** 1984;32(1-2):79-81

[Development of the trypanosomes (Trypanosoma) and cryptobians (Cryptobia) of carp and tench in the leech Piscicola geometra] Khaĭbulaev KKh, et al. **Parazitologiia** 1985 Jan-Feb;19(1):75-7 (Eng. Abstr.) **(Rus)**

ISOLATION & PURIFICATION

Granulomatous peritonitis in a fish caused by a flagellated protozoan. Gardiner CH, et al. **J Wildl Dis** 1984 Jul; 20(3):238-40

[Detection of Hexamita meleagridis in Bulgaria] Stoĭkov D. **Vet Med Nauki** 1985;22(4):44-50 (Eng. Abstr.) **(Bul)**

METABOLISM

Translational regulation of protein synthesis, in response to light, at a critical stage of Volvox development. Kirk MM, et al. **Cell** 1985 Jun;41(2):419-28

Purine and pyrimidine metabolism in the Trypanosomatidae. Hammond DJ, et al. **Mol Biochem Parasitol** 1984 Nov; 13(3):243-61 (106 ref.)

ULTRASTRUCTURE

Quick-freeze, deep-etch rotary replication of Trypanosoma cruzi and Herpetomonas megaseliae. Souto-Padrón T, et al. **J Cell Sci** 1984 Jul;69:167-78

Isolation of the flagellum and characterization of the paraxial structure of Herpetomonas megaseliae. Cunha NL, et al. **J Submicrosc Cytol** 1984 Oct;16(4):705-13

MASTITIS

Inflammatory breast cancer. Grace WR, et al. **Surg Clin North Am** 1985 Feb;65(1):151-60 (44 ref.)

COMPLICATIONS

[Symphisitis abscendens metastatica as an uncommon complication in the puerperium] Košt'al M, et al. **Cesk Gynekol** 1984 Nov;49(9):663-4 **(Cze)**

DIAGNOSIS

[Nonpuerperal mastitis] Pohl C, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):302-7 (Eng. Abstr.) **(Ger)**

[Tuberculosis of the breast simulating cancer] Ismailov AKh, et al. **Vestn Khir** 1985 May;134(5):145-6 **(Rus)**

DRUG THERAPY

Efficacy of lincosaminide antibiotics in the treatment of experimental staphylococcal mastitis in lactating mice. Yancey RJ Jr, et al. **J Antimicrob Chemother** 1985 Feb;15(2):219-32

[Use of bromocriptine in pathologic lactation and mastitis] Peters F, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):46-8 **(Rus)**

ETIOLOGY

Virulence of Staphylococcus aureus in a mouse mastitis model: studies of alpha hemolysin, coagulase, and protein A as possible virulence determinants with protoplast fusion and gene cloning. Jonsson P, et al. **Infect Immun** 1985 Sep;49(3):765-9

Mycobacterium avium infection in a silicone-injected breast. Perry RR, et al. **Plast Reconstr Surg** 1985 Jan;75(1):104-6

[Nonpuerperal mastitis--a disease with increasing clinical relevance?] Pahnke VG, et al. **Geburtshilfe Frauenheilkd** 1985 Jan;45(1):29-35 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Effect of immune complexes from mastitic milk on blocking of Fc receptors and phagocytosis. Targowski SP, et al. **Infect Immun** 1985 Feb;47(2):484-8

Synthesis and transudation of antibody during acute inflammation in the mammary gland. Watson DL. **Inflammation** 1984 Sep;8(3):241-9

Effect of dietary vitamin A on resistance to experimental Staphylococcus mastitis in mice. Chew BP, et al. **J Dairy Sci** 1984 Nov;67(11):2566-70

[Natural resistance of the body to infection in suppurative-necrotic processes and its correction] Kibort RV, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):51-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Mastitis in rural Gambian mothers and the protection of the breast by milk antimicrobial factors. Prentice A, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):90-5

[Qualitative composition of milk in lactation mastitis] Golota VIa, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):48-50 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Experimental mastitis in mice induced by coagulase-negative staphylococci isolated from cases of mastitis in nursing women. Thomsen AC, et al. **Acta Obstet Gynecol Scand** 1985;64(2):163-6

The pathogenicity of some ovine or caprine mycoplasmas in the lactating mammary gland of sheep and goats. Jones GE. **J Comp Pathol** 1985 Jul;95(3):305-18

Comparison of virulence of ovine respiratory mycoplasmas in the mouse mammary gland. Buddle BM, et al. **Vet Microbiol** 1984 Aug;9(4):367-74

NURSING

Nursing management of mastitis due to breastfeeding. Dilts CL. **J Obstet Gynecol Neonatal Nurs** 1985 Jul-Aug;14(4):286-8

OCCURRENCE

[Identification of factors predisposing to the development of acute puerperal mastitis] Storozhuk VT, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):44-5 (Eng. Abstr.) **(Rus)**

PATHOLOGY

The hypereosinophilic syndrome presenting with eosinophilic mastitis. Thompson AB, et al. **Arch Intern Med** 1985 Mar;145(3):564-5

Periductal mastitis and mammary duct ectasia in a male. Ashworth MT, et al. **Postgrad Med J** 1985 Jul;61(717):621-3

[Cytology in the diagnosis of granulomatous mastitis. Apropos of a clinical case] Marsan C, et al. **Arch Anat Cytol Pathol** 1984;32(6):372 **(Fre)**

[Non-puerperal mastitis. Etiology, clinical aspects and therapy] Peters F, et al. **Dtsch Med Wochenschr** 1985 Jan 18;110(3):97-104 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

The effect of local and parenteral vaccination on the response of the guinea pig mammary gland to staphylococcal challenge. Nonnecke BJ, et al. **J Reprod Immunol** 1984 Dec;6(6):365-76

RADIOGRAPHY

[Diagnosis, incidence and course of nonpuerperal mastitis] Gölles M, et al. **Radiologe** 1985 Feb;25(2):87-92 (Eng. Abstr.) **(Ger)**

[Roentgenodiagnosis of the suppurative-inflammatory process in acute lactation mastitis] Storozhuk VT, et al. **Vestn Khir** 1985 Mar;134(3):60-2 (Eng. Abstr.) **(Rus)**

THERAPY

[Combined treatment of destructive forms of lactation mastitis] Ogonovskii VK, et al. **Klin Khir** 1985 Jan;(1):32-3 (Eng. Abstr.) **(Rus)**

[Papain-furacillin dialysis and ultrasonic therapy combined with active surgical treatment of acute destructive lactation mastitis] Udod VM, et al. **Klin Khir** 1985 Jan;(1):33-5 (Eng. Abstr.) **(Rus)**

VETERINARY

Effect of vitamin A deficiency on mammary gland development and susceptibility to mastitis through intramammary infusion with Staphylococcus aureus in mice. Chew BP, et al. **Am J Vet Res** 1985 Jan;46(1):287-93

Mastitis associated with ovine progressive pneumonia virus infection in sheep. Cutlip RC, et al. **Am J Vet Res** 1985 Feb;46(2):326-8

Staphylococcus sciuri subsp lentus associated with goat mastitis. Poutrel B. **Am J Vet Res** 1984 Oct;45(10):2084-5

Serologic analysis of isolates of Pasteurella haemolytica and Staphylococcus aureus from mastitic ewes. Shoop DS, et al. **Am J Vet Res** 1984 Oct;45(10):1944-6

Characteristics of non-clinical mammary infections of goats. Lerondelle C, et al. **Ann Rech Vet** 1984;15(1):105-12

The immunophysiological basis for vaccinating ruminants against mastitis. Colditz IG, et al. **Aust Vet J** 1985 May;62(5):145-53 (81 ref.)

Modern aspects of sheep mastitis. Watson DJ, et al. **Br Vet J** 1984 Nov-Dec;140(6):529-34

Immunophysiological activity of supramammary lymph nodes of the ewe during the very early phase of staphylococcal mastitis. Watson DL, et al. **Res Vet Sci** 1985 Jul;39(1):52-8

The experimental production of mastitis in ewes as a determinant of the virulence of ovine ureaplasma strains. Ball HJ, et al. **Vet Microbiol** 1985 Jan;10(2):117-23

A chronic indurative mastitis in sheep, associated with maedi/visna virus infection. van der Molen EJ, et al. **Vet Q** 1985 Apr;7(2):112-9

Mastitis in a mare. Al-Graibawi MA, et al. **Vet Rec** 1984 Oct 13;115(15):383

Mastitis in sheep in Iraq. Al-Samarrae SA, et al. **Vet Rec** 1985 Mar 23;116(12):323

[Enterotoxic staphylococci in the milk of cows and sheep with mastitis] Gogov I, et al. **Vet Med Nauki** 1984;21(9):86-92 (Eng. Abstr.) **(Bul)**

MASTITIS, BOVINE

Environmental mastitis: cause, prevalence, prevention. Smith KL, et al. **J Dairy Sci** 1985 Jun;68(6):1531-53

CHEMICALLY INDUCED

Depressed bacterial growth in whey during endotoxin induced mastitis. Mattila T, et al. **Zentralbl Veterinarmed [B]** 1985 Feb;32(2):85-92

DIAGNOSIS

Cell counts in bovine milk. Causes of variation and applicability for diagnosis of subclinical mastitis. Brolund L. **Acta Vet Scand [Suppl]** 1985;80:1-123

Diagnosis of bovine subclinical mastitis by determination of lysozyme level in milk. Farid A, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):857-62

Direct enumeration of milk somatic cells collected on membrane filters. Sedinová V, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):884-93

Mastitis in cows and polyarthritis and pneumonia in calves caused by Mycoplasma species bovine group 7. Alexander PG, et al. **Aust Vet J** 1985 Apr;62(4):135-6

Acridine orange staining for diagnosis of Mycoplasma bovis infection in cow milk. Jasper DE, et al. **J Clin Microbiol** 1984 Oct;20(4):624-5

Comparison of electrical conductivity of milk with other indirect methods for detection of subclinical mastitis. Fernando RS, et al. **J Dairy Sci** 1985 Feb;68(2):449-56

Milk antitrypsin as a marker of bovine mastitis--correlation with bacteriology. Mattila T, et al. **J Dairy Sci** 1985 Jan;68(1):114-22

Campylobacter jejuni mastitis in a cow: a zoonosis-related incident [letter] Morgan G, et al. **Vet Rec** 1985 Jan 26;116(4):111

DRUG THERAPY

A comparison of two dose levels of antibiotics for intramammary treatment of clinical mastitis in cows. Bjorland J, et al. **Acta Vet Scand** 1984;25(2):151-63

Efficacy of lincosaminide antibiotics in the treatment of experimental staphylococcal mastitis in lactating mice. Yancey RJ Jr, et al. **J Antimicrob Chemother** 1985 Feb;15(2):219-32

Dye marked antibiotics for lactating cow mastitis therapy. Novak NF, et al. **J Dairy Sci** 1984 Aug;67(8):1841-9

The effect of not treating mild cases of clinical mastitis in a dairy herd. Chamings RJ. **Vet Rec** 1984 Nov 10;115(19):499-500

[Efficacy of spiramycin treatment in subclinical and clinically manifested Staphylococcus aureus mastitis in the udder of lactating cows] Ziv G, et al. **Schweiz Arch Tierheilkd** 1984 Sep;126(9):479-87 (Eng. Abstr.) **(Ger)**

ENZYMOLOGY

Plasminogen activator activity in secretions from clinically normal, mastitic, lactating and dried-off udders of dairy cows. Kowalski ZE, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):209-12

ETIOLOGY

Dairy herd problem with mastitis caused by a rapidly growing Mycobacterium species. Schultze WD, et al. **Am J Vet Res** 1985 Jan;46(1):42-7

Teat skin lesions and mastitis. Francis PG. **Br Vet J** 1984 Sep-Oct;140(5):430-6

Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted Escherichia coli endotoxin. Schultze WD, et al. **J Dairy Res** 1985 Aug;52(3):361-8

Mycoplasma-bovis-induced mastitis in cattle in Denmark. Friis NF. **Nord Vet Med** 1984 Sep-Oct;36(9-10):324-5

Isolation of Acinetobacter calcoaceticus from a cow with mastitis. Rahman H, et al. **Zentralbl Veterinarmed [B]** 1985 Jan;32(1):71-2

[Mastitis--Leptospira hardjo--milker's fever] Snoep JJ. **Tijdschr Diergeneeskd** 1985 Feb 15;110(4):150-1 **(Dut)**

[Serratia-mastitis in cows as a herd problem] Isaksson A, et al. **Nord Vet Med** 1984 Nov-Dec;36(11):354-60 (Eng. Abstr.) **(Swe)**

IMMUNOLOGY

Enzyme-linked immunosorbent assay for detection of milk immunoglobulins to leukocidin toxin of Staphylococcus aureus. Loeffler DA, et al. **Am J Vet Res** 1985 Aug;46(8):1728-32

Quantitation of bovine immunoglobulin G2 antibodies binding Staphylococcus aureus, using a murine monoclonal antibody. Mathison BA, et al. **Am J Vet Res** 1984 Dec;45(12):2518-24

Immunological features of consecutive intramammary infections with Streptococcus agalactiae in vaccinated and non-vaccinated heifers. Logan EF, et al. **Br Vet J** 1984 Nov-Dec;140(6):535-42

Phagocytosis of Staphylococcus aureus by bovine mammary gland macrophages and intracellular protection from antibiotic action in vitro and in vivo. Craven N, et al. **J Dairy Res** 1984 Nov;51(4):513-23

METABOLISM

Arachidonic acid metabolites in milk of cows during acute coliform mastitis. Anderson KL, et al. **Am J Vet Res** 1985 Jul;46(7):1573-7

Effect of infection status on quarter milk production and composition following omitted milking. Fox LK, et al. **J Dairy Sci** 1985 Feb;68(2):418-23

Peripartum changes of plasma and milk vitamin A and beta-carotene among dairy cows with or without mastitis. Johnston LA, et al. **J Dairy Sci** 1984 Aug;67(8):1832-40

Persistence of detectable residues of penicillin and cloxacillin in normal and mastitic quarters following intramammary infusion. Egan J, et al. **Vet Rec** 1985 Apr 20;116(16):436-8

[Effect of subclinical mastitis on beta-carotene levels in cow's milk] Ozpinar H, et al. **Zentralbl Veterinarmed [A]** 1984 Oct;31(9):705-11 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

Mastitis whey--a good medium for bacteria? Maisi P, et al. **Acta Vet Scand** 1984;25(2):297-308

Bacterial growth in whey from mastitic and nonmastitic quarters. Mattila T, et al. **Am J Vet Res** 1984 Dec;45(12):2504-6

Biochemical and serologic characterization of Klebsiella strains from bovine mastitis and the environment of the dairy cow. Nonnecke BJ, et al. **Am J Vet Res** 1984 Nov;45(11):2451-4

Virulence factors of Escherichia coli isolated from cows with acute mastitis. Sanchez-Carlo V, et al. **Am J Vet Res** 1984 Sep;45(9):1775-7

Biochemical and serologic properties of Escherichia coli isolated from cows with acute mastitis. Sanchez-Carlo V, et al. **Am J Vet Res** 1984 Sep;45(9):1771-4

Isolation of Fusobacterium necrophorum from a case of bovine mastitis. McGillivery DJ, et al. **Aust Vet J** 1984 Oct;61(10):325

Mastitis due to a group of pyogenic bacteria. Slee KJ, et al. **Aust Vet J** 1985 Feb;62(2):63-5

The effect of udder infection on the bacterial flora of the bulk milk of ten dairy herds. Bramley AJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):317-23

Human and bovine group B streptococci: two distinct populations. Finch LA, et al. **J Appl Bacteriol** 1984 Oct;57(2):273-8

Evaluation of the Staph-Ident and STAPHase systems for identification of staphylococci from bovine intramammary infections. Watts JL, et al. **J Clin Microbiol** 1984 Sep;20(3):448-52

Prevalence of mastitis pathogens in herds participating in a mastitis control program. Oliver SP, et al. **J Dairy Sci** 1984 Oct;67(10):2436-40

Specific agglutination of Streptococcus agalactiae from bovine mastitis by casein components of bovine milk. Wanger AR, et al. **J Dairy Sci** 1984 Oct;67(10):2441-5

Antibiotic susceptibility patterns of mastitis pathogens isolated from Bloemfontein dairy herds. Swartz R, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):187-93

Bacteriophage typing of Staphylococcus aureus strains isolated from Bloemfontein dairy herds. Swartz R, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):69-73

Prevalence and types of bacteria associated with subclinical mastitis in Bloemfontein dairy herds. Swartz R, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):61-4

Antimicrobial activity of amoxicillin and other penicillins against clinical isolates from bovine udders. Araki S, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):321-3

A case study of Streptococcus group G infection in a dairy herd. Watts JL, et al. **Vet Microbiol** 1984 Oct;9(6):571-9

Streptococcus agalactiae serotypes in the south west of Scotland. Morrison JR, et al. **Vet Rec** 1984 Oct 27; 115(17):439

Bovine mastitis caused by Prototheca zopfii: a case study. Spalton DE. **Vet Rec** 1985 Mar 30;116(13):347-9

[Enterotoxic staphylococci in the milk of cows and sheep with mastitis] Gogov I, et al. **Vet Med Nauki** 1984; 21(9):86-92 (Eng. Abstr.) **(Bul)**

[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. I. Clinical course] Malinowski E. **Pol Arch Weter** 1984;24(2):173-86 (Eng. Abstr.) **(Pol)**

[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. II. Milk changes] Malinowski E. **Pol Arch Weter** 1984;24(2):187-203 (Eng. Abstr.) **(Pol)**

OCCURRENCE

Non-random distribution of udder infections among cows. Evaluation of some contributing factors. Rainard P, et al. **Ann Rech Vet** 1984;15(1):119-27

A small episode of single quarter coliform infections in lactating dairy cows kept at pasture. Johnston KG, et al. **Aust Vet J** 1984 Nov;61(11):364-6

Isolation of Mycoplasma bovis from bulk milk. Kunkel JR. **Cornell Vet** 1985 Jul;75(3):398-400

Effect of intramammary device on new infection rate, milk yield, and milk somatic cell counts in maryland dairy herds. Corlett NJ, et al. **J Dairy Sci** 1984 Nov;67(11):2571-9

Efficacy evaluation of two new teat dip formulations under experimental challenge. Pankey JW, et al. **J Dairy Sci** 1985 Feb;68(2):462-5

Environmental pathogens and intramammary infection during the dry period. Smith KL, et al. **J Dairy Sci** 1985 Feb;68(2):402-17

Effect of automatic backflushing on number of new intramammary infections, bacteria on teatcup liners, and milk iodine. Smith TW, et al. **J Dairy Sci** 1985 Feb; 68(2):424-32

Summer mastitis [letter] Hillerton JE, et al. **Vet Rec** 1984 Sep 22;115(12):307

[Incidence of mycoplasma mastitis in Czechoslovakia] Jurmanová K, et al. **Vet Med (Praha)** 1985 Mar; 30(3):149-56 (Eng. Abstr.) **(Cze)**

[Relation of the count of somatic cells in tank samples to the incidence of contagious mastitis on large farms] Pastrnková M, et al. **Vet Med (Praha)** 1984 Oct; 29(10):577-81 (Eng. Abstr.) **(Cze)**

PATHOLOGY

Pathogenesis of Staphylococcus aureus mastitis: bacteriologic, histologic, and ultrastructural pathologic findings. Gudding R, et al. **Am J Vet Res** 1984 Dec; 45(12):2525-31

Progressive pathology of severe Escherichia coli mastitis in dairy cows. Hill AW, et al. **Res Vet Sci** 1984 Sep; 37(2):179-87

Electron microscopic study of leucocytic infiltration of the mammary teat duct during infection with Staphylococcus aureus. Nickerson SC, et al. **Res Vet Sci** 1985 Mar; 38(2):167-73

PHYSIOPATHOLOGY

Duration of bovine intramammary infections in commercial dairy herds. Grommers FJ, et al. **Vet Rec** 1985 Jun 1; 116(22):581-4

PREVENTION & CONTROL

The immunophysiological basis for vaccinating ruminants against mastitis. Colditz IG, et al. **Aust Vet J** 1985 May; 62(5):145-53 (81 ref.)

Efficacy of an iodine backflush for preventing new intramammary infections. Hogan JS, et al. **J Dairy Sci** 1984 Aug;67(8):1850-9

Bacterial transport within and among various teatcup and cluster assemblies during milking. Magee C, et al. **J Dairy Sci** 1984 Sep;67(9):2034-40

Evaluation of protein A and a commercial bacterin as vaccines against Staphylococcus aureus mastitis by experimental challenge. Pankey JW, et al. **J Dairy Sci** 1985 Mar;68(3):726-31

Field studies on linear dodecyl benzene sulfonic acid teat dip. Pankey JW, et al. **J Dairy Sci** 1985 Jun;68(6):1523-30

Evaluation of attenuated, live staphylococcal mastitis vaccine in lactating heifers. Watson DL. **J Dairy Sci** 1984 Nov; 67(11):2608-13

Evaluation of teat dips with excised teats. Watts JL, et al. **J Dairy Sci** 1984 Sep;67(9):2062-5

[Possibilities of mastitis control through breeding of resistant cattle] Meyer F. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):121-6 (162 ref.) (Eng. Abstr.) **(Ger)**

[Prevention of mastitis-metritis-agalactia in sows of problem herds] Koch W. **Schweiz Arch Tierheilkd** 1985 Apr; 127(4):273-7 (Eng. Abstr.) **(Ger)**

[Effect of various environmental factors on the incidence of mastitis in cows and implementation of prevention programs] Prost J. **Pol Arch Weter** 1984;24(1):97-116 (Eng. Abstr.) **(Pol)**

TRANSMISSION

[Mycoplasma bovis isolation in the offspring of cows with M. bovis mastitis and its epizootiological significance] Pfützner H, et al. **Zentralbl Veterinarmed [B]** 1985 Apr; 32(4):265-79 (Eng. Abstr.) **(Ger)**

MASTITIS, CYSTIC see **FIBROCYSTIC DISEASE OF BREAST**

MASTOCYTOMA see **SARCOMA, MAST CELL**

MASTOCYTOSIS see **URTICARIA PIGMENTOSA**

MASTOID

A rare intracranial complication of cholesterol granuloma. Brodie SW, et al. **J Laryngol Otol** 1985 May;99(5):491-5

Dermoid cyst of the middle ear and mastoid. Fried MP, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):594-6

[Brain herniation (temporal lobe) into the mastoid cavity] Zhang LS, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Jun; 6(3):221-2 (Eng. Abstr.) **(Chi)**

[Embryonal rhabdomyosarcoma of the middle ear and mastoid simulating chronic otitis media] Shohet I, et al. **Harefuah** 1984 Nov 15;107(10):290-1 (Eng. Abstr.) **(Heb)**

[Case of posttraumatic cholesteatoma] Mülfay G. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):37-44 (Eng. Abstr.) **(Rum)**

[Different manifestations of mastoid tuberculosis] Montesinos C, et al. **An Otorrinolaringol Ibero Am** 1984;11(5-6):431-44 (Eng. Abstr.) **(Spa)**

ANATOMY & HISTOLOGY

The causes of asymmetry of the mastoid air cell system. Tos M, et al. **Acta Otolaryngol (Stockh)** 1985 May-Jun; 99(5-6):564-70

A method of using the tympanomastoid fissure to find the facial nerve at parotidectomy. Robertson MS, et al. **Aust NZ J Surg** 1984 Aug;54(4):369-73

[Anatomic variations and anomalies in the tympanic and mastoid part of the facial canal of importance in surgery] Savić D, et al. **Srp Arh Celok Lek** 1984 Jun;112(6):657-72 (Eng. Abstr.) **(Scc)**

CYTOLOGY

Size of the mastoid air cells and otitis media. Tos M, et al. **Ann Otol Rhinol Laryngol** 1985 Jul-Aug;94(4 Pt 1):386-92

PATHOLOGY

Secretory otitis and pneumatization of the mastoid process: sexual differences in the size of mastoid cell system. Tos M, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):199-205

Microscopic analysis of the mastoid bone in chronic serous otitis media. Newberg LB, et al. **Laryngoscope** 1985 Aug; 95(8):921-3

[Significance of autoradiography in middle ear inflammations in childhood] Kašpárek L, et al. **Cesk Otolaryngol** 1985 Jan;34(1):15-8 (Eng. Abstr.) **(Cze)**

RADIOGRAPHY

Computed tomography of temporal bone pneumatization: 2. Petrosquamosal suture and septum. Virapongse C, et al. **AJNR** 1985 Jul-Aug;6(4):561-8

Computerized tomographic evaluation of the middle ear and mastoid for posttraumatic hearing loss. Swartz JD, et al. **Ann Otol Rhinol Laryngol** 1985 May-Jun;94(3):263-6

Computerized axial tomography versus complex motion as a predictor of surgical findings in middle ear and mastoid cholesteatoma. Lewis DR, et al. **Laryngoscope** 1985 Jun; 95(6):689-91

Pneumatized articular eminence. Yurosko JJ. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):346

[Ear findings in patients with cleft palate] Qvarnberg Y. **Duodecim** 1984;100(22):1533-9 (Eng. Abstr.) **(Fin)**

[Deafness and the radiologic aspect of the mastoid in chippers using pneumatic hammers on steel and iron castings] Ghibuş I, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec; 29(4):285-91 (Eng. Abstr.) **(Rum)**

[Comparative analysis of the appearance of the drum membrane,the pneumatization of the mastoid process and the tympanogram in patients with otosclerosis] Petrović Z, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1125-31 **(Scc)**

SURGERY

Open or closed tympanomastoidectomy for cholesteatoma in children. Abramson M. **Am J Otol** 1985 Mar;6(2):167-9

Surgical treatment of brain herniation into the middle ear and mastoid. Feenstra L, et al. **Am J Otol** 1985 Jul; 6(4):311-5

Repair of bony canal wall defects in tympanomastoid surgery. McCleve D. **Am J Otol** 1985 Jan;6(1):76-9

Does drill noise during mastoid surgery affect the contralateral ear? Man A, et al. **Am J Otol** 1985 Jul; 6(4):334-5

The exenterated mastoid: a problem of ear surgery. Meuser W. **Am J Otol** 1985 Jul;6(4):323-5

Obliterative procedures in cholesteatoma surgery. Sheehy JL. **Am J Otol** 1985 Jan;6(1):9-12

Cholesteatoma surgery in children. Sheehy JL. **Am J Otol** 1985 Mar;6(2):170-2

Surgical obliteration of the tympanomastoid compartment and external auditory canal. Schuknecht HF, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):641-5

Mastoidectomy for chronic serous otitis media [letter] Newberg LB. **Ear Nose Throat J** 1984 Oct;63(10):523-4

The use of [99mTc]methylene diphosphonate sequential scanning of experimental animals in evaluating the efficiency of wound healing in radical mastoidectomy. Dormehl IC, et al. **Int J Nucl Med Biol** 1984;11(3-4):247-53

Open mastoid procedures: contemporary indications and surgical technique. Jackson CG, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1037-43

Soft tissue surgery of mastoidotympanoplasty. Lee KJ, et al. **Laryngoscope** 1985 Jan;95(1):107-10

Causes of failure of mastoidectomy for chronic otitis media. Nadol JB Jr. **Laryngoscope** 1985 Apr;95(4):410-3

Fungi isolated from chronic external ear disorders. Nielsen PG. **Mykosen** 1985 May;28(5):234-7

Tympanomastoid surgery: a technique for repairing posterior osseous canal wall defects with autologous temporalis fascia and bone pâte. Althaus SR. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):227-9

Timing of mastoidectomy [letter] McNeill R. **Tex Med** 1984 Dec;80(12):10

[Pneumococcal meningitis in children] Fischer HH, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3118-21 (Eng. Abstr.) **(Dan)**

[The 'old radical' surgery. History and development of surgery of the mastoid] Plester D. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):228-32 (Eng. Abstr.) **(Ger)**

MASTOIDITIS

Acute mastoiditis: a review of 34 patients. Rubin JS, et al. **Laryngoscope** 1985 Aug;95(8):963-5

COMPLICATIONS

Acute mastoiditis complicated by bacterial meningitis. Braverman AC, et al. **Mo Med** 1985 Jun;82(6):308-11

[Rare endocranial complications of otomastoiditis in infants: cerebellar abscess and purulent meningitis] Prişcu R, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):89-92 (Eng. Abstr.) **(Rum)**

DIAGNOSIS

Intracranial and otological presentation of acute lymphocytic leukemia. Nabors MW, et al. **Neurosurgery** 1985 Aug; 17(2):309-12

ETIOLOGY

[Otologic manifestations in a case of Hand-Schueller-Christian disease] Sainz Quevedo M, et al. **An Otorrinolaringol Ibero Am** 1984;11(4):277-89 (Eng. Abstr.) **(Spa)**

OCCURRENCE

[Incidence of chronic suppurative otomastoid complications at the Colţea ENT Clinic in 1976-1980] Georgescu S, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec;29(4):277-84 (Eng. Abstr.) **(Rum)**

RADIOGRAPHY

Acute otomastoiditis and its complications: role of CT. Mafee MF, et al. **Radiology** 1985 May;155(2):391-7

SURGERY

Acute and latent mastoiditis in children. Palva T, et al. **J Laryngol Otol** 1985 Feb;99(2):127-36

[Conservative surgery in chronic otomastoid suppuration] Popovici G, et al. **Rev Chir [Otorinolaringol]** 1984 Jul-Sep; 29(3):205-10 (Eng. Abstr.) **(Rum)**

MASTOMYS see **MURIDAE**

MASTURBATION

Wrapped to death. Unusual autoerotic death. Minyard F. **Am J Forensic Med Pathol** 1985 Jun;6(2):151-2

Childhood female masturbation. Bradley SJ. **Can Med Assoc J** 1985 May 15;132(10):1165-6

Sex and handedness differences in the use of autoerotic fantasy and imagery: a proposed explanation. Gottlieb JF. **Int J Neurosci** 1985 May;26(3-4):259-68

The symbol of telephoning. Shengold L.

J Am Psychoanal Assoc 1982;30(2):461-70

Treatment of sexual dysfunctions in male-only groups: predicting outcome. Dekker J, et al. **J Sex Marital Ther** 1985 Summer;11(2):80-90

Some aspects of sexual knowledge and sexual behaviour of local women. Results of a survey. II. Female masturbation. Atputharajah V. **Singapore Med J** 1984 Aug;25(4):268-72

Bilateral testicular pain due to masturbation interruptus. Chandrasekar D. **Urology** 1984 Oct;24(4):382-3

Vacuum cleaner injury to penis [letter] Lewi H, et al. **Urology** 1985 Sep;26(3):321

[Masturbation and the history of psychiatry] Chromý K. **Cesk Psychiatr** 1984 Jun;80(3):180-3 (Eng. Abstr.) **(Cze)**

COMPLICATIONS

Vacuum cleaner injury to penis: a common urologic problem? Benson RC Jr. **Urology** 1985 Jan;25(1):41-4

MATERIALS MANAGEMENT, HOSPITAL

ECONOMICS

Objectives of an effective inventory control system. Hughes TF. **Am J Hosp Pharm** 1984 Oct;41(10):2078-85

Challenges in purchasing and inventory control. McAllister JC 3d. **Am J Hosp Pharm** 1985 Jun;42(6):1370-3

Quantitative measurements of inventory control. Noel MW. **Am J Hosp Pharm** 1984 Nov;41(11):2378-83

Cost strategies of CEOs and materials managers diverge. **Hospitals** 1985 Aug 16;59(16):120

Asset management: attacking materials' grip on the budget. Sandrick K. **Hospitals** 1985 Jul 1;59(13):66, 70-4

The financial management of hospital equipment. Charles L, et al. **J Med Eng Technol** 1984 Nov-Dec;8(6):254-5

METHODS

Managing the inventory control system. Daniels CE. **Am J Hosp Pharm** 1985 Feb;42(2):346-51

Methods of inventory control. Lindley C, et al. **Am J Hosp Pharm** 1985 Jan;42(1):122-8

Computerized OR inventory. Tracking supplies cost-effectively. Weber JM, et al. **AORN J** 1984 Dec;40(6):867-71

Strikebound: a dispute involving hospital linen. Lacy CA, et al. **Med J Aust** 1985 Jun 24;142(13):685-7

ORGANIZATION & ADMINISTRATION

Automating the purchasing and inventory control functions. Hughes TW. **Am J Hosp Pharm** 1985 May;42(5):1101-7

Proper storage of photographic images. Eaton GT. **J Audiov Media Med** 1985 Jul;8(3):94-8

Multi-district equipment management. Stamp JM. **J Med Eng Technol** 1984 Nov-Dec;8(6):259-63

[Material and technical basis for providing medical services to the rural population by mobile health units] Pakharin VI. **Sov Med** 1984;(8):55-8 **(Rus)**

STANDARDS

Quality assurance standards for purchasing and inventory control. Soares DP. **Am J Hosp Pharm** 1985 Mar;42(3):610-20

MATERNAL AGE

Reassessment of the relationship of perinatal risk factors and child abuse. Leventhal JM, et al. **Am J Dis Child** 1984 Nov;138(11):1034-9

A woman's age: childbearing and child rearing. Stein ZA. **Am J Epidemiol** 1985 Mar;121(3):327-42 (96 ref.)

The relationship of maternal age and trisomy among trisomic spontaneous abortions. Hassold T, et al. **Am J Hum Genet** 1984 Nov;36(6):1349-56

The age extremes for reproduction: current implications for policy change. Davidson EC Jr, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):467-73

Advanced maternal age: the mature gravida. Kirz DS, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):7-12

Behavioral and emotional functioning in children of adolescent mothers. Kinard EM, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):578-94

Two comments on fetal loss and wastewater workers [letter] **Am J Public Health** 1985 Jan;75(1):98-9

Advanced grandmaternal age on the mother's side--a risk of giving rise to trisomy 21. Aagesen L, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):297-301

Parental age and unbalanced Robertsonian translocations associated with Down syndrome and Patau syndrome: comparison with maternal and paternal age effects for 47,+21 and 47,+13. Hook EB. **Ann Hum Genet** 1984 Oct;48 (Pt 4):313-25

Fetal death rates in mothers of children with trisomy 21 (Down syndrome). Lippman A, et al. **Ann Hum Genet** 1984 Oct;48 (Pt 4):303-12

Maternal age: a major factor affecting the prospects and outcome of pregnancy. Gosden RG. **Ann NY Acad Sci** 1985;442:45-57

Down syndrome and maternal age in Hong Kong Chinese. Ghosh A, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):93-8

Effects of age, parity and length of pregnancy on the morphology and histology of human placenta. Ara G, et al. **Bangladesh Med Res Counc Bull** 1984 Dec;10(2):53-8

The relationship between adolescent childbearing and child maltreatment. Miller SH. **Child Welfare** 1984 Nov-Dec;63(6):553-7

The relevance of child-support enforcement to school-age parents. Rivera-Casale C, et al. **Child Welfare** 1984 Nov-Dec;63(6):521-32

The incidence of Down syndrome in northern Finland with special reference to maternal age. Leisti J, et al. **Clin Genet** 1985 Mar;27(3):252-7

Racial differences in infant mortality by cause of death: the impact of birth weight and maternal age. Eberstein IW, et al. **Demography** 1984 Aug;21(3):309-21

Parental age and birth order effects in children with febrile convulsions. Tay JS, et al. **Eur J Pediatr** 1985 May;144(1):88-9

Infertility and age: not so unresolved: a reply. Bongaarts J. **Fam Plann Perspect** 1982 Sep-Oct;14(5):289-90

Infertility and age: an unresolved issue. Hendershot GE, et al. **Fam Plann Perspect** 1982 Sep-Oct;14(5):287-9

Maternal age-specific rates of numerical chromosome abnormalities with special reference to trisomy. Hassold T, et al. **Hum Genet** 1985;70(1):11-7

The frequency of 47,+21,47,+18, and 47,+13 at the uppermost extremes of maternal ages: results on 56,094 fetuses studied prenatally and comparisons with data on livebirths. Hook EB, et al. **Hum Genet** 1984;68(3):211-20

Inversion of chromosome 2 (p11p13): frequency and implications for genetic counselling. MacDonald IM, et al. **Hum Genet** 1985;69(3):281-3

Influence of birth rank and parental age on congenital and colobomatous defects (a clinical investigation). Dutta LC, et al. **Indian J Ophthalmol** 1984 Mar-Apr;32(2):81-4

A case-control study of maternal age in Alzheimer's disease. English D, et al. **J Am Geriatr Soc** 1985 Mar;33(3):167-9

Influence of maternal age, parity and social class on perinatal mortality in Scotland: 1960-82. Forbes JF, et al. **J Biosoc Sci** 1985 Jul;17(3):339-49

Parental age, parity and sex ratio in births in England and Wales, 1968-77. James WH, et al. **J Biosoc Sci** 1985 Jan;17(1):47-56

Maternal age and autistic children. Steinhausen HC, et al. **J Dev Behav Pediatr** 1984 Dec;5(6):343-5

Delayed childbearing in Sweden. Forman MR, et al. **JAMA** 1984 Dec 14;252(22):3135-9

Age at first pregnancy and risk of colorectal cancer: a case-control study. Howe GR, et al. **JNCI** 1985 Jun;74(6):1155-9

Age at first birth and risk of epithelial ovarian cancer [letter] Lesher L, et al. **JNCI** 1985 Jun;74(6):1361-3

Consent and the young mother [letter] Cooper CE. **Lancet** 1985 Feb 9;1(8424):342

Determinants of mother-infant interaction in adolescent mothers. Levine L, et al. **Pediatrics** 1985 Jan;75(1):23-9

Temporal changes in the utilization of amniocentesis for prenatal diagnosis by women of advanced maternal age, 1976-1983. Baird PA, et al **Prenat Diagn** 1985 May-Jun;5(3):191-8

Utilization of prenatal cytogenetic diagnosis in women of advanced maternal age in Australia, 1979-1982. Bell JA, et al. **Prenat Diagn** 1985 Jan-Feb;5(1):53-8

Age of mother and pregnancy outcome in the 1981 Arkansas birth cohort. Mangold WD. **Soc Biol** 1983 Summer;30(2):205-10

[Age and delivery] Wang NJ. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Jan;20(1):28-9 **(Chi)**

[Relation between menstrual, reproductive factors and pathogenesis of breast cancer] Wu GL. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):273-7 (Eng. Abstr.) **(Chi)**

[The fertility of older women] Němeček R. **Cas Lek Cesk** 1984 Dec 7;123(49):1498 **(Cze)**

[Possibilities of amniocentesis for pregnant women aged 35 years or older. A study of the distribution and utilization in 4 counties] Rasmussen K. **Ugeskr Laeger** 1984 Jun 18;146(25):1850-3 (Eng. Abstr.) **(Dan)**

[Age and pregnancy] Béguin F. **Gynakol Rundsch** 1984;24 Suppl 1:148-53 **(Fre)**

[The elderly primipara] Blanc B, et al. **Rev Fr Gynecol Obstet** 1984 Feb;79(2):109-14 (Eng. Abstr.) **(Fre)**

[Minimum fertility age] Grimm H. **Arztl Jugendkd** 1984 Aug;75(4):223-32 (Eng. Abstr.) **(Ger)**

[Late primiparity: what has changed in the last 25 years?] Baumann H, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):415-20 (Eng. Abstr.) **(Ger)**

[The late primipara--sociomedical aspects] Siegrist J. **Gynakol Rundsch** 1984;24 Suppl 1:154-8 **(Ger)**

[Obstetrical and perinatal risks in elderly pregnant women] Cappa F, et al. **Minerva Ginecol** 1984 Dec;36(12):767-71 (Eng. Abstr.) **(Ita)**

[Normogram for the evaluation of risk of couples for Down's syndrome] Fabris C, et al. **Minerva Pediatr** 1985 Jan 31;37(1-2):53-7 (Eng. Abstr.) **(Ita)**

[Analysis of the relation of the frequency of new gene mutations for Mendelian diseases to parental age] Bazhenova MD, et al. **Genetika (Moskva)** 1984 Oct;20(10):1726-32 (Eng. Abstr.) **(Rus)**

[Social-hygienic study of children in young families] Grinina OV, et al. **Sov Zdravookhr** 1984;(12):18-23 **(Rus)**

MATERNAL AGE 35 AND OVER see under **MATERNAL AGE**

MATERNAL BEHAVIOR

Impaired maternal behaviour and altered central serotonergic activity in the adult offspring of chronically ethanol treated dams. Hård E, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):347-53

Offspring of women with nonorganic psychosis: mother-infant interaction at three-and-a-half and six months of age. McNeil TF, et al. **Acta Psychiatr Scand** 1985 Jun;71(6):551-8

Response of male and female Siberian hamsters towards pups. Gibber JR, et al. **Behav Neural Biol** 1984 Nov;42(2):177-82

Infant feeding practices: pre- and postnatal factors affecting choice of method and the duration of breastfeeding. Goodine LA, et al. **Can J Public Health** 1984 Nov-Dec;75(6):439-44

Perception of child, child-rearing values, and emotional distress as mediating links between environmental stressors and observed maternal behavior. Conger RD, et al. **Child Dev** 1984 Dec;55(6):2234-47

The development of the Nurturance Inventory: an instrument for assessing parenting practices. Clarke M, et al. **Child Psychiatry Hum Dev** 1984 Fall;15(1):49-63

Thermal limitation of mother--young contact in Norway rats. Leon M, et al. **Dev Psychobiol** 1985 Mar;18(2):85-105

Home odor preferences in young hares (Lepus capensis syriacus): effects of age and role of maternal presence. Stavy M, et al. **Dev Psychobiol** 1985 Mar;18(2):125-39

Maternal aggression in mice: effects of treatments with PCPA, 5-HTP and 5-HT receptor antagonists. Ieni JR, et al. **Eur J Pharmacol** 1985 May 8;111(2):211-20

Oxytocin induction of short-latency maternal behavior in nulliparous, estrogen-primed female rats. Fahrbach SE, et al. **Horm Behav** 1984 Sep;18(3):267-86

Primary pediatric care. A comparison of use by adolescent and older mothers. Brink S, et al. **J Adolesc Health Care** 1985 May;6(3):201-5

Fostering lambs by odor transfer: the substitution experiment. Price EO, et al. **J Anim Sci** 1984 Aug;59(2):301-7

The nature and qualities of parenting provided by women raised in institutions. Dowdney L, et al. **J Child Psychol Psychiatry** 1985 Jul;26(4):599-625

Maternal withdrawal from handicapped toddlers. Wasserman GA, et al. **J Child Psychol Psychiatry** 1985 May;26(3):381-7

Ingestion of a novel flavor before exposure to pups injected with lithium chloride produces a taste aversion in mother rats (Rattus norvegicus). Gemberling GA. **J Comp Psychol** 1984 Sep;98(3):285-301

Incidence of pup killing and parental behavior in virgin female and male rats (Rattus norvegicus): differences between Wistar and Sprague-Dawley stocks. Jakubowski M, et al. **J Comp Psychol** 1985 Mar;99(1):93-7

Inverse changes in plasma prolactin and LH concentrations in female canaries after disruption and reinitiation of incubation. Goldsmith AR, et al. **J Endocrinol** 1984 Nov;103(2):251-6

Behavioural and physiological effects of prolactin in incubating ring doves. Janik DS, et al. **J Endocrinol** 1985 May;105(2):201-9

Maternal influence on the task behaviour of young Down's syndrome children. Berry P, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):269-74

Maternal-infant separation and breast-feeding. The return to work or school. Frederick IB, et al. **J Reprod Med** 1985 Jul;30(7):523-6

Prenatal stress impairs maternal behavior in a conflict situation and reduces hippocampal benzodiazepine receptors. Fride E, et al. **Life Sci** 1985 Jun 3;36(22):2103-9

Possible role for endogenous oxytocin in estrogen-facilitated maternal behavior in rats. Fahrbach SE, et al. **Neuroendocrinology** 1985 Jun;40(6):526-32

Oxytocin antiserum delays onset of ovarian steroid-induced maternal behavior. Pedersen CA, et al. **Neuropeptides** 1985 Apr;6(2):175-82

Thermal control of maternal contact bouts: the interbout interval. Bates A, et al. **Physiol Behav** 1985 May;34(5):834-7

Effects of mother-litter separation and reunion on maternal aggression and pup mortality in lactating hamsters. Giordano AL, et al. **Physiol Behav** 1984 Dec;33(6):903-6

Maternal licking by virgin and lactating rats: water transfer from pups. Gubernick DJ, et al. **Physiol Behav** 1985 Apr;34(4):501-6

Transition from pup killing to parental behavior in male and virgin female albino rats. Jakubowski M, et al. **Physiol Behav** 1985 May;34(5):683-6

Social and environmental factors influencing mother-infant separation-reunion in squirrel monkeys. Jordan TC, et al. **Physiol Behav** 1985 Apr;34(4):489-93

The effect of constant light on maternal physiology and behavior. Leon M. **Physiol Behav** 1985 Apr;34(4):631-3

Diurnal cycle of mother-young contact in Norway rats. Leon M, et al. **Physiol Behav** 1984 Jun;32(6):999-1003

Long-term alterations in the maternal behavior of neonatally undernourished rats. Salas M, et al. **Physiol Behav** 1984 Aug;33(2):273-8

Critical period for the entrainment of the circadian rhythm in blinded pups by dams. Sasaki Y, et al. **Physiol Behav**

1984 Jul;33(1):105-9

Behavioural similarities between mother rats and benzodiazepine-treated non-maternal animals. Hansen S, et al. **Psychopharmacology (Berlin)** 1985;86(3):344-7

Prolactin stimulation of maternal behavior in female rats. Bridges RS, et al. **Science** 1985 Feb 15;227(4688):782-4

Illness behaviour in mothers with young children. Campion PD, et al. **Soc Sci Med** 1985;20(4):325-30

Hospital units as social contexts: effects on maternal behavior. Moss N. **Soc Sci Med** 1984;19(5):515-22

[An attempt to implement maternal access to infants in collectives by a form of 'ritual'] Damborská M, et al. **Cesk Pediatr** 1984 Feb;39(2):107-11 (Eng. Abstr.) **(Cze)**

[Early mother-child relations in relation to the desire for children. Significance of care conditions for the emotional conditioning of the female] Busacca M, et al. **Zentralbl Gynakol** 1984;106(24):1572-81 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Opiate antagonism reduces placentophagia and pup cleaning by parturient rats. Mayer AD, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):1035-44

Maternal aggression in rats: effects of chlordiazepoxide and fluprazine. Olivier B, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):68-76

MATERNAL-CHILD HEALTH CENTERS see under **HEALTH FACILITIES**

MATERNAL DEPRIVATION

Social integration of surrogate-reared infant squirrel monkeys to captive groups. HopfS, et al. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2-3):79-95

Possible effects of early separation experiences on subsequent immune function in adult macaque monkeys. Laudenslager M, et al. **Am J Psychiatry** 1985 Jul;142(7):862-4

Effects of parent loss: interaction with family size and sibling order. Sklar AD, et al. **Am J Psychiatry** 1985 Jun; 142(6):708-14

Early parental separation and adult depression. Roy A. **Arch Gen Psychiatry** 1985 Oct;42(10):987-91

Ontogenetic alterations in the effects of food and/or maternal deprivation on 5-HT, 5-HIAA and 5-HIAA/5-HT ratios. Spear LP, et al. **Brain Res** 1985 Feb;350(1-2):143-57

Teratomorphogenic effects on the brain produced by neonatal maternal deprivation can be partly prevented by pyridostigmine administration. Dörner G, et al. **Exp Clin Endocrinol** 1984 Dec;84(3):352-5

Parental death and depression. Barnes GE, et al. **J Abnorm Psychol** 1985 Feb;94(1):64-9

Psychological health of young adults who experienced early parent death: MMPI trends. Dietrich DR. **J Clin Psychol** 1984 Jul;40(4):901-8

Early experience and social processes in rhesus macaques (Macaca mulatta): II. Complex social interaction. Capitanio JP. **J Comp Psychol** 1985 Jun;99(2):133-44

Effects of restricted maternal contact in neonatal rats on sexual behaviour in the adult. Forsberg G, et al. **J Endocrinol** 1985 Mar;104(3):427-31

Effects of mother-litter separation and reunion on maternal aggression and pup mortality in lactating hamsters. Giordano AL, et al. **Physiol Behav** 1984 Dec;33(6):903-6

Empathy in orphaned children. Kalliopuska M. **Psychol Rep** 1984 Aug;55(1):12-4

How do the experiences of the early separated and the early bereaved differ and to what extent do such differences affect outcome? Birtchnell J, et al. **Soc Psychiatry** 1984; 19(4):163-71

[Evolution of children hospitalized at the Bercail for a pathologic behavioral structure, a consequence of abandonment or early affective deprivation] Bergier J. **Rev Med Suisse Romande** 1985 May;105(5):455-64 **(Fre)**

MATERNAL-FETAL EXCHANGE

see related

ABNORMALITIES, DRUG-INDUCED

Significance of species and strain differences in pre- and perinatal toxicology. Neubert D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:23-35 (12 ref.)

11C-methionine kinetics in pregnant rhesus monkeys studied by positron emission tomography: a new approach to feto-maternal metabolism. Berglund L, et al. **Acta Obstet Gynecol Scand** 1984;63(7):641-5

Developmental pattern of the hepatic DNA, RNA and protein in relation to maternal vitamin A status in rats. Sharma HS, et al. **Acta Vitaminol Enzymol** 1985; 7(1-2):85-91

Evidence for altered lesion-induced sprouting in the dentate gyrus of adult rats exposed to ethanol in utero. Dewey SL, et al. **Alcohol** 1984 Jan-Feb;1(1):81-8

Blood acetaldehyde response to ethanol ingestion during the reproductive cycle of the female rat. Gordon BH, et al. **Alcohol** 1985 Mar-Apr;2(2):271-5

Acetaldehyde and alcohol levels in pregnant rats and their fetuses. Guerri C, et al. **Alcohol** 1985 Mar-Apr;2(2):267-70

Pre-natal and post-natal effects of alcohol in the rat--I. Changes in body weight and exploratory activity. Moloney B, et al. **Alcohol Alcohol** 1984;19(2):131-6

Pre-natal and post-natal effects of alcohol in the rat--II. Changes in gamma-aminobutyric acid concentration and adenosine triphosphatase activity in the brain. Moloney B, et al. **Alcohol Alcohol** 1984;19(2):137-40

Re: Pyloric stenosis and maternal antihistamine exposure at group health cooperative [letter] Aselton P, et al. **Am J Epidemiol** 1985 Jul;122(1):197

Pyloric stenosis and antihistamines [letter] Eskenazi B, et al. **Am J Epidemiol** 1985 Jul;122(1):196-7

Mother-child HLA compatibility ratios in children of Amerinidian parents who share common haplotypes. Black FL. **Am J Hum Genet** 1985 Jan;37(1):133-7

Transplacental spread of influenza virus [letter] Amstey MS. **Am J Obstet Gynecol** 1985 Mar 15;151(6):828-9

Metabolism and disposition of ritodrine in a pregnant baboon. Borrisud M, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1067-72

Elevated maternal alpha-fetoprotein levels with subsequent fetal exsanguination. Dierker LJ. **Am J Obstet Gynecol** 1985 May 1;152(1):82-3

Interferon responses in maternal and fetal mice. Evans AT, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):99-102

A comparison of sheep and human fetal oxygen delivery systems with use of a mathematical model. Huikeshoven FJ, et al. **Am J Obstet Gynecol** 1985 Feb 15;151(4):449-55

The role of transferrin and ferritin in the fetal-maternal-placental unit. Okuyama T, et al. **Am J Obstet Gynecol** 1985 Jun 1;152(3):344-50

The placental transfer of ampicillin. Adamkin DH, et al. **Am J Perinatol** 1984 Jul;1(4):310-1

Effects of fetal-maternal exchange transfusion on fetal oxygenation and blood flow distribution. Itskovitz J, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H655-60

Maternal fetal glucose exchange [letter] Wolff JE. **Am J Physiol** 1985 Sep;249(3 Pt 1):E330-2

Transplacental alloimmunization to fetal erythrocytes in rhesus monkeys (Macaca mulatta). Stong RC, et al. **Am J Reprod Immunol** 1984 Oct-Nov;6(3):128-32

Transplacental transfer and colostral concentrations of selenium in beef cattle. Koller LD, et al. **Am J Vet Res** 1984 Dec;45(12):2507-10

Bovine anaplasmosis: transplacental transmission as it relates to stage of gestation. Zaugg JL. **Am J Vet Res** 1985 Mar; 46(3):570-2

Permeability studies of the guinea pig placental labyrinth. II. Tracer permeation and freeze-fracture of fetal endothelium. Orgnero de Gaisán E, et al. **Anat Embryol (Berl)** 1985;171(3):297-304

Placental transfer of ephedrine does not affect neonatal outcome. Hughes SC, et al. **Anesthesiology** 1985 Aug; 63(2):217-9

Physiology of the placenta--gas exchange. Goplerud JM, et al. **Ann Clin Lab Sci** 1985 Jul-Aug;15(4):270-8

Maternal-fetal transmission of the Lyme disease spirochete, Borrelia burgdorferi. Schlesinger PA, et al. **Ann Intern Med** 1985 Jul;103(1):67-8

Vitamin A transfer to the fetus and to the amniotic fluid in rhesus monkey (Macaca mulatta). Vahlquist A, et al. **Ann Nutr Metab** 1984;28(6):321-33

Maternal fluid overload during labour; transplacental hyponatraemia and risk of transient neonatal tachypnoea in term infants. Singhi SC, et al. **Arch Dis Child** 1984 Dec; 59(12):1155-8

Ethanol and acetaldehyde concentrations in the rat foeto-maternal system after an acute ethanol administration given to the mother. Espinet C, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):339-44

Possible valproate teratogenicity. Tein I, et al. **Arch Neurol** 1985 Mar;42(3):291-3

Transfer of hexachlorobenzene (HCB) from mother to newborn baby through placenta and milk. Ando M, et al. **Arch Toxicol** 1985 Jan;56(3):195-200

Reproductive immunology and the placental barrier hypothesis. Gambel P, et al. **Asian Pac J Allergy Immunol** 1984 Dec;2(2):336-8 (24 ref.)

Maternal, fetal, and newborn tissue PO2 in sheep measured with galvanic oxygen electrodes. Towell ME, et al. **Biochem Med** 1985 Apr;33(2):180-8

Transport of amino acids in the placenta. Yudilevich DL, et al. **Biochim Biophys Acta** 1985 Sep 9;822(2):169-201 (178 ref.)

Effect of ritodrine on the maternal and fetal endocrine pancreas of the rat. Aerts L, et al. **Biol Neonate** 1985; 47(2):107-12

Induction in utero of hepatic glucose-6-phosphatase by fetal hypoinsulinemia. Domenech M, et al. **Biol Neonate** 1985; 47(2):92-8

Increased maternal-fetal transport of fat in diabetes assessed by polyunsaturated fatty acid content in fetal lipids. Goldstein R, et al. **Biol Neonate** 1985;47(6):343-9

Growth and reproductive development of male Microtus montanus is affected by the prenatal photoperiod. Horton TH. **Biol Reprod** 1984 Oct;31(3):499-504

Ethosuximide in epileptic women during pregnancy and lactation period. Placental transfer, serum concentrations in nursed infants and clinical status. Kuhnz W, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):671-7

Oxprenolol placental transfer, plasma concentrations in newborns and passage into breast milk. Sioufi A, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):453-6

Placental transport of low molecular weight heparin in the pregnant sheep. Andrew M, et al. **Br J Haematol** 1985 Jan;59(1):103-8

Placental transfer of bupivacaine, pethidine and lignocaine in the rabbit. Effect of umbilical flow rate and protein content. Hamshaw-Thomas A, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):706-13

Transmission of the maternal electrocardiograph via a fetal scalp electrode in the presence of intrauterine death. Case report. McWhinney NA, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1046-8

Influence of streptozotocin-diabetes on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Mulay S, et al. **Br J Pharmacol** 1984 Sep;83(1):139-44

Influence of protein-calorie malnutrition on the pharmacokinetics, placental transfer and tissue localization of dexamethasone in rats. Varma DR, et al. **Br J Pharmacol** 1984 Sep;83(1):131-7

ABC of poisoning: paracetamol [letter] Ruthnum P, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1538-9

Caffeine and its dimethylxanthines and fetal cerebral development in rat. Tanaka H, et al. **Brain Dev** 1984; 6(4):355-61

Maternal and fetal ethanol pharmacokinetics and cardiovascular responses in near-term pregnant sheep. Cumming ME, et al. **Can J Physiol Pharmacol** 1984 Dec; 62(12):1435-9

Ependymoblastoma associated with prenatal exposure to diphenylhydantoin and methylphenobarbitone. Lipson A, et al. **Cancer** 1985 May 1;55(9):1859-62

Glucose consumption, newborn weight and nitrosomethylurea transplacental carcinogenesis in rats. Berstein LM, et al. **Cancer Lett** 1984 Dec;25(2):171-6

Placental transfer of cefmenoxime in late pregnancy. Bergogne-Bérézin E, et al. **Chemotherapy** 1985;31(1):1-5

Two types of thyroid function-blocking antibodies in autoimmune atrophic thyroiditis and transient neonatal hypothyroidism due to maternal IgG. Takasu N, et al. **Clin Endocrinol (Oxf)** 1984 Oct;21(4):345-55

Magnesium levels in the body fluids of dam and fetal rabbits during the reproductive phase. Kriesten K, et al. **Comp Biochem Physiol [A]** 1984;79(1):197-200

Fetal transmission of AIDS through the mother's womb. Rubinstein A. **Compr Ther** 1985 May;11(5):6-11

Transport of bilirubin and glucose by the isolated perfused human placenta. Brandes JM, et al. **Contrib Gynecol Obstet** 1985;13:147-8

Metabolism and transfer of radioactive glucose in the human placenta studied by dual perfusion. Challier JC, et al. **Contrib Gynecol Obstet** 1985;13:144-6

Transferrin-mediated iron transport in the perfused isolated human placental lobule. Eaton BM, et al. **Contrib Gynecol Obstet** 1985;13:149-50

A theoretical and an in vitro experimental model for estimation of drug transfer through the human placenta. Mor L, et al. **Contrib Gynecol Obstet** 1985;13:155-7

Calcium fluxes across the isolated perfused human cotyledon. Page KR, et al. **Contrib Gynecol Obstet** 1985;13:151-4

Effect of flow rate ratio on the diffusion of antipyrine and 3H2O in the isolated dually in vitro perfused lobe of the human placenta. Schneider H, et al. **Contrib Gynecol Obstet** 1985;13:114-23

Passive exchange and the distribution of flows in the isolated human placenta. Schröder H, et al. **Contrib Gynecol Obstet** 1985;13:106-13

Oxygen transfer as an indicator of perfusion variability in the isolated human placental lobule. Wier PJ, et al. **Contrib Gynecol Obstet** 1985;13:127-31

Membrane carriers and receptors at maternal and fetal sides of the placenta by single circulation paired-tracer dilution: evidence for a choline transport system. Yudilevich DL, et al. **Contrib Gynecol Obstet** 1985;13:158-61

The development of the human blood-CSF-brain barrier. Adinolfi M. **Dev Med Child Neurol** 1985 Aug;27(4):532-7

Placental transfer model in the pregnant ewe: use of stable isotopes. Brazier JL, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:52-9

Clinical pharmacokinetics in pregnancy and perinatology. I. Placental transfer and fetal side effects of local anaesthetic agents. Nau H. **Dev Pharmacol Ther** 1985;8(3):149-81 (91 ref.)

Xenobiotic metabolism in the maternal-placental-fetal unit: implications for fetal toxicity. Pelkonen O. **Dev Pharmacol Ther** 1984;7 Suppl 1:11-7 (24 ref.)

Maternal and fetal production rates of progesterone in rhesus macaques: placental transfer and conversion to cortisol. Ducsay CA, et al. **Endocrinology** 1985 Sep;117(3):1253-8

Placental transfer and fetal deposition of hexachlorobenzene in the hamster and guinea pig. Courtney KD, et al. **Environ Res** 1985 Jun;37(1):239-49

Prenatal chlordane exposure: effects on plasma corticosterone concentrations over the lifespan of mice. Cranmer JM, et al. **Environ Res** 1984 Oct;35(1):204-10

Increased hair cadmium in newborns of women occupationally exposed to heavy metals. Huel G, et al. **Environ Res** 1984 Oct;35(1):115-21

Insulin secretion and carbohydrate metabolism during pregnancy in the mare. Fowden AL, et al. **Equine Vet J** 1984 Jul;16(4):239-46 (34 ref.)

Some aspects of equine placental exchange and foetal physiology. Silver M. **Equine Vet J** 1984 Jul;16(4):227-33 (63 ref.)

Placental transfer of pinazepam and its metabolite N-desmethyldiazepam in women at term. Pacifici GM, et al. **Eur J Clin Pharmacol** 1984;27(3):307-10

Further evidence for the dependence of diabetes prevalence on nutrition in perinatal life. Dörner G, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):129-33

Synaptic membrane phospholipids: effects of maternal ethanol consumption. Hofteig JH, et al. **Exp Neurol** 1985 Jan;87(1):165-71

Ketone body metabolism in the mother and fetus. Shambaugh GE 3d. **Fed Proc** 1985 Apr;44(7):2347-51 (32 ref.)

Maternal-foetal distribution studies in late pregnancy. I. Distribution of [N-methyl-14C]betaine in tissues of beagle dogs and miniature pigs. Ikeda GJ, et al. **Food Chem Toxicol** 1985 Jun;23(6):609-14

The maternal-foetal distribution of thiabendazole administered in two different vehicles to pregnant mice. Yoneyama M, et al. **Food Chem Toxicol** 1984 Sep;22(9):731-5

Neonatal and maternal body burdens of hexachlorobenzene (HCB) in mice: gestational exposure and lactational transfer. Courtney KD, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):265-77

Mother-to-child transmission of human T-cell leukemia virus type-I. Hino S, et al. **Gann** 1985 Jun;76(6):474-80

Metabolism of prostaglandin F2 alpha in the fetal circulation of the human term placenta in vitro. Ekblad U, et al. **Gynecol Obstet Invest** 1984;18(6):306-10

Disposition and effects of 85Kr in pregnant rats. Sikov MR, et al. **Health Phys** 1984 Sep;47(3):417-27

Cell proliferation in pancreatic islets of rat fetuses and neonates from normal and diabetic mothers. An in vitro and in vivo study. Reusens-Billen B, et al. **Horm Metab Res** 1984 Nov;16(11):565-71

Selective interactions among Rh, ABO, and sex ratio of newborns. Valenzuela CY, et al. **Hum Genet** 1985;71(1):53-7

Materno-fetal relations. Clark DA. **Immunol Lett** 1985;9(5):239-47 (70 ref.)

Transplacental transmission in bancroftian filariasis. Rao KR, et al. **Indian J Med Res** 1984 Apr;79:495-6

Maternal nutrition and fetal growth. Devi RR, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):443-9

Maternal-child hepatitis B virus transmission in Singapore. Chan SH, et al. **Int J Epidemiol** 1985 Mar;14(1):173-7

Placental transfer of positron-emitting radionuclides in metabolic substrates. Ishiwata K, et al. **Int J Nucl Med Biol** 1985;12(1):33-6

Structure-function correlation in the human placenta: the morphometric diffusing capacity for oxygen at full term. Mayhew TM, et al. **J Anat** 1984 Dec;139 (Pt 4):691-708

Effect of maternal diet on skeletal muscle composition and metabolism and on bone dimensions and composition of the fetal pig. Campion DR, et al. **J Anim Sci** 1984 Oct;59(4):1003-10

Acute embolization of the uteroplacental circulation: uterine blood flow and placental CO diffusing capacity. Boyle JW, et al. **J Dev Physiol** 1984 Aug;6(4):377-86

Oxytocin and vasopressin in the rat do not readily pass from the mother to the amniotic fluid in late pregnancy. Oosterbaan HP, et al. **J Dev Physiol** 1985 Feb;7(1):55-62

Calcitonin may modulate placental transfer of calcium in ewes. Barlet JP. **J Endocrinol** 1985 Jan;104(1):17-21

Autoradiographic studies on the distribution of labeled maternal RNA in early mouse embryos. Bachvarova R, et al. **J Exp Zool** 1985 Mar;233(3):397-403

Fatal in utero salicylism. Rejent TA, et al. **J Forensic Sci** 1985 Jul;30(3):942-4

Pneumococcal septicaemia in newly born babies [letter] Wilkins EG, et al. **J Hosp Infect** 1984 Sep;5(3):334-5

Foetal malnutrition and maternal factors--a correlative study. Dastidar DK, et al. **J Indian Med Assoc** 1984 Sep;82(9):318-20

Fetoplacental physiology in relation to metabolic diseases. Faulk WP. **J Inherited Metab Dis** 1984;7(4):172-4 (33 ref.)

Elevation of a calcium fraction tightly bound to serum proteins in maternal blood at delivery and in cord blood from newborn infants. Wortsman J, et al. **J Lab Clin Med** 1985 Mar;105(3):337-41

Perinatal transmission of hepatitis B virus: role of maternal HBeAg and anti-HBc IgM. Hwang LY, et al. **J Med Virol** 1985 Mar;15(3):265-9

Autoradiographic distribution study of 14C-amphetamine in pregnant mice and newborns. Dell'Osso L, et al. **J Nucl Med Allied Sci** 1984 Jul-Sep;28(3):157-62

Placental transfer of metronidazole [letter] Amon I. **J Perinat Med** 1985;13(2):97-8

Human maternal-fetal lactate relationships. Suidan JS, et al. **J Perinat Med** 1984;12(4):211-7

A rat model for the study of transplacental pharmacokinetics and its assessment with antipyrine and aminoisobutyric acid. Varma DR, et al. **J Pharmacol Methods** 1985 Aug;14(1):61-74

Measurement of net transplacental transfer of fluid to the fetal sheep. Lumbers ER, et al. **J Physiol (Lond)** 1985 Jul;364:289-99

Asymmetric calcium influx and efflux at maternal and fetal sides of the guinea-pig placenta: kinetics and specificity. Sweiry JH, et al. **J Physiol (Lond)** 1984 Oct;355:295-311

Anti-trophoblast antibody responses during normal human pregnancy. Davies M, et al. **J Reprod Immunol** 1985 Jun;7(4):285-97

Monocyte chemotactic factor production in mixed cultures of maternal and neonatal human lymphocytes. Hawes CS, et al. **J Reprod Immunol** 1984 Jul;6(4):261-5

Maternal—fetal immune interactions and the maintenance of major histocompatibility complex polymorphism in the rat. Hings I, et al. **J Reprod Immunol** 1985 Jun;7(4):337-50

Maternal immunoregulation: interrelationship between alloreactive and anti-self plus conventional antigen T sets of cells. Piazzón I, et al. **J Reprod Immunol** 1985 May;7(3):249-60

Safety margin of fetal oxygenation. Meschia G. **J Reprod Med** 1985 Apr;30(4):308-11

Oxygen supply and fetal growth. Metcalfe J. **J Reprod Med** 1985 Apr;30(4):301-7

Maternal coffee drinking and unusually high concentrations of caffeine in the newborn. Khanna NN, et al. **J Toxicol Clin Toxicol** 1984;22(5):473-83

Carbohydrate and lipid abnormalities in infants of diabetic mothers. Raivio KO. **Klin Padiatr** 1985 Mar-Apr;197(2):159-60

Roles of serum thyroxine-binding proteins and maternal thyroid hormones in fetal development. Ekins R. **Lancet** 1985 May 18;1(8438):1129-32

Perinatal influences on IgE responses. Jarrett EE. **Lancet** 1984 Oct 6;2(8406):797-9

Role of maternal immunoglobulins blocking TSH-induced thyroid growth in sporadic forms of congenital hypothyroidism. van der Gaag RD, et al. **Lancet** 1985 Feb 2;1(8423):246-50

Hyperinsulinemia in myotonic dystrophy: identity of the maternal factor causing the neonatal myotonic dystrophy syndrome. Silver MM, et al. **Med Hypotheses** 1985 Mar;16(3):207-20 (60 ref.)

Transplacental transmission of HTLV-III virus [letter] Lapointe N, et al. **N Engl J Med** 1985 May 16;312(20):1325-6

Current research on the consequences of maternal drug abuse. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:1-106

Studies on the placental transport mechanism for iron. Tawada T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):735-42

Neonatal apnea associated with maternal clonazepam therapy: a case report. Fisher JB, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):34S-35S

Maternal and fetal plasma concentrations of ritodrine. Gross TL, et al. **Obstet Gynecol** 1985 Jun;65(6):793-7

The blood-uterine lumen barrier and its possible significance in early embryo development. McRae AC. **Oxf Rev Reprod Biol** 1984;6:129-73 (230 ref.)

Effects of acidosis on fetal and maternal blood coagulation: a fetal lamb model. Kisker CT, et al. **Pediatr Res** 1985 Jan;19(1):78-82

Rheology of fetal and maternal blood. Reinhart WH, et al. **Pediatr Res** 1985 Jan;19(1):147-53

The metabolic and endocrine milieu of the human fetus and mother at 18-21 weeks of gestation. I. Plasma amino acid concentrations. Soltesz G, et al. **Pediatr Res** 1985 Jan;19(1):91-3

Effect of maternal oxygen inhalation on the fetus with growth retardation. Vileisis RA. **Pediatr Res** 1985 Mar;19(3):324-7

Effect of maternal-fetal platelet incompatibility on fetal development [letter] Palchak AE, et al. **Pediatrics** 1984 Oct;74(4):570

Fatal neonatal septicaemia and meningitis due to Haemophilus influenzae acquired from the mother. Chattopadhyay B. **Postgrad Med J** 1984 Oct;60(708):707-8

Use of amiodarone during pregnancy. Robson DJ, et al. **Postgrad Med J** 1985 Jan;61(711):75-7

Transuterine passage of drugs in the rat. Cress CR, et al. **Proc West Pharmacol Soc** 1984;27:81-4

Transfer and distribution of niobium-95 in adult, fetal, and newborn rats after injection during pregnancy. Schneidereit M, et al. **Radiat Environ Biophys** 1985;24(2):125-30

Placental trophoblastic membrane surface receptors to some maternal plasma proteins. Lubega J. **Ric Clin Lab** 1984 Jul-Sep;14(3):553-9

Influence of glucocorticoids on prenatal development of the gut and pancreas in rats. Majumdar AP, et al. **Scand J Gastroenterol** 1985 Jan;20(1):65-71

The conversion of cortisol into its principal metabolites, their tissular concentrations and transplacental transfer during 3H-cortisol infusion of mother and fetal guinea-pigs. Dalle M, et al. **Steroids** 1983 Nov;42(5):511-23

The development of glucose metabolism in infants of diabetic mothers. Wako Y, et al. **Tohoku J Exp Med** 1984 Nov;144(3):273-80

Brain cholinergic, behavioral, and morphological development in rats exposed in utero to methylparathion. Gupta RC, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):405-13

Transplantation. Maternal-fetal relationships. **Transplant Proc** 1985 Feb;17(1 Pt 2):901-33

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen--II: Clinical evaluation. Griffin DR, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):37-41

A combined ultrasonic linear array scanner and pulsed Doppler velocimeter for the estimation of blood flow in the foetus and adult abdomen--I: Technical aspects. Teague MJ, et al. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):27-36

Studies on transplacental transmissibility of a bovine virus diarrhoea (BVD) vaccine virus in cattle. II. Inoculation of pregnant cows without detectable neutralizing antibodies to BVD virus 90-229 days before parturition (51st to 190th day of gestation). Liess B, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):669-81

[Evaluation of maternofetal transport by the determination of serum prealbumin in the mother and newborn infant (letter)] Erny P, et al. **Arch Fr Pediatr** 1984 Aug-Sep;41(7):517 (Fre)

[Utero-placental circulation (letter)] Schaaps JP, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):395-6 (Fre)

[Ultrasound in the study of fetoplacental circulation] Arbeille P, et al. **J Mal Vasc** 1984;9(4):297-300 (Eng. Abstr.) (Fre)

[Fluorides and pregnancy] Cimasoni G. **Schweiz Rundsch Med Prax** 1985 Feb 12;74(7):137-9 (Fre)

[Embryo-fetotoxicity from the viewpoint of occupational medicine] Vetter L, et al. **Fortschr Med** 1985 Jun 20;103(23):627-30 (Eng. Abstr.) (Ger)

[Premature membrane rupture: effect of intracervical PGE2 gel administration on plasma oxytocin, PGFM and PGEM levels in mother and child] Goeschen K, et al. **Geburtshilfe Frauenheilkd** 1984 Dec;44(12):772-6 (Eng. Abstr.) (Ger)

[Assessment of damage to the child in acute CO poisoning in pregnancy] Weiler G, et al. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):744-8 (Eng. Abstr.) (Ger)

[Early omphalotomy or late omphalotomy?] Linderkamp O. **Gynakologe** 1984 Dec;17(4):281-9 (Ger)

[Insulin secretion and hypoglycemia in newborn infants of diabetic mothers] Kohlhoff R, et al. **Kinderarztl Prax** 1984 Jul;52(7):329-38 (Eng. Abstr.) (Ger)

[Immunologic aspects of transitory neonatal hyperthyroidism] Andler W, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):124-6 (Eng. Abstr.) (Ger)

[Children of diabetic mothers] Dominick HC, et al. **Monatsschr Kinderheilkd** 1984 Dec;132(12):886-92 (Eng. Abstr.) (Ger)

[Immune status of rubella in pregnant patients in various parts of West Germany 1984] Sander J, et al. **Off Gesundheitswes** 1985 Jan;47(1):28-31 (Ger)

[Indoor and outdoor lead burden in pregnant women and newborn infants in the Nordenham region] Thron HL, et al. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:231-52 (Ger)

[Early or late cord clamping? A question of optimal time] Hohmann M. **Wien Klin Wochenschr** 1985 May 24;97(11):497-500 (Eng. Abstr.) (Ger)

[Endorphins and the maternofetal entity] Riss P. **Wien Klin Wochenschr [Suppl]** 1985;161:1-15 (Ger)

[Functional morphometry of the villous surface of the mature human placenta] Donath EM, et al. **Z Geburtshilfe Perinatol** 1984 Sep-Oct;188(5):213-7 (Eng. Abstr.) (Ger)

[Uteroplacental circulation and functional status of the fetoplacental unit in risk pregnancies with special reference to late gestosis] Anton W, et al. **Zentralbl Gynakol** 1985;107(6):339-47 (Eng. Abstr.) (Ger)

[Serum immunoglobulins in diabetic and healthy pregnant patients and their newborn infants] Fischer M. **Zentralbl Gynakol** 1984;106(20):1375-80 (Eng. Abstr.) (Ger)

[Metabolism of triglycerides of the placenta during extraorganic circulation] Pańczyk T, et al. **Zentralbl Gynakol** 1984;106(20):1362-8 (Eng. Abstr.) (Ger)

[Therapeutic efforts and prenatal modification of selected disordered fetomaternal relations] Ruckhäberle KE, et al. **Zentralbl Gynakol** 1985;107(13):803-11 (Eng. Abstr.) (Ger)

[Relation of uteroplacental circulation and morphologic findings in myometrial and decidual arteries in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985;107(6):329-38 (Eng. Abstr.) (Ger)

[Measurement of uteroplacental circulation with 113m indium in diabetic pregnancy] Semmler K, et al. **Zentralbl Gynakol** 1985;107(13):793-802 (Eng. Abstr.) (Ger)

[Microelements in the placenta, in maternal blood and in umbilical cord blood] Takács S, et al. **Zentralbl Gynakol** 1984;106(17):1204-14 (Eng. Abstr.) (Ger)

[Copper, zinc, lead and cadmium in the placenta] Takács S, et al. **Zentralbl Gynakol** 1984;106(20):1357-61 (Eng. Abstr.) (Ger)

[Hemostaseologic studies of maternal blood in intrauterine retardation and threatened premature labor] Voigt T, et al. **Zentralbl Gynakol** 1985;107(6):370-80 (Eng. Abstr.) (Ger)

[Risk factors in maternal-fetal infections. Research conducted in 93 cases] Franchi M, et al. **Boll Ist Sieroter Milan** 1982;61(6):473-82 (Eng. Abstr.) (Ita)

[Fetal macrosomia: evidence for increased association with maternal metabolic changes] Cucinotta D, et al. **Minerva Endocrinol** 1984 Oct-Dec;9(4):389-94 (Eng. Abstr.) (Ita)

[Absorption, distribution, metabolism and excretion of bacmecillinam. II. The placental transfer and transition into milk of 14C-bacmecillinam] Kobayashi S, et al. **Jpn J Antibiot** 1985 Apr;38(4):1102-6 (Eng. Abstr.) (Jpn)

[The influence of maternal oxygen inhalation for 30 to 60 minutes on fetal oxygenation] Haruta M, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1921-9 (Eng. Abstr.) **(Jpn)**

[The influences of prostaglandin E2 on hormones in maternal-fetoplacental unit] Miyakawa I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Aug; 36(8):1197-202 (Eng. Abstr.) **(Jpn)**

[Histoenzymatic changes in the white matter of the brain of young rats after the administration of vincristine in the second half of fetal life] Godlewski A, et al. **Neuropatol Pol** 1984;22(3):415-33 (Eng. Abstr.) **(Pol)**

[Alloimmune thrombocytopenia in newborn infants caused by specific anti-platelet antibodies] Maślanka K. **Pediatr Pol** 1985 Jan;60(1):69-75 (Eng. Abstr.) **(Pol)**

[Effect on the fetus of various drugs used during pregnancy (experimental study)] Kukushkina IP, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):27-9 (Eng. Abstr.) **(Rus)**

[Role of positive emotions and emotion-positive brain structures in the regulation of the process of gestation] Savchenko IuI, et al. **Akush Ginekol (Mosk)** 1984 Dec; (12):11-4 (Eng. Abstr.) **(Rus)**

[Cellular composition and ultrastructure of the thymus of the newborn mouse after immunization of pregnant females with homologous brain antigens] Torbek VE. **Arkh Anat Gistol Embriol** 1985 Jan;88(1):76-82 (Eng. Abstr.) **(Rus)**

[Immunomorphological study of cytochrome P-450PB induction in the liver of rat embryos and pregnant females after phenobarbital administration] Popova NV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):366-8 (Eng. Abstr.) **(Rus)**

[Transplacental effect of sodium nitrite on rat lung cells with their subsequent culture in the medium with precursors of N-nitrosodimethylamine] Osin'kovskaia ND, et al. **Eksp Onkol** 1985;7(2):22-5 (Eng. Abstr.) **(Rus)**

[Effect of phenformin and succinic acid on the transplacental carcinogenic effect of N-nitroso-N-ethylurea in rats] Bespalov VG, et al. **Vopr Onkol** 1984;30(10):55-9 (Eng. Abstr.) **(Rus)**

[Perinatal effects of sex hormones and the problem of hormonal carcinogenesis] Loktionov AS. **Vopr Onkol** 1985; 31(2):3-12 (77 ref.) **(Rus)**

[Modifying effect of thyroid gland functional disorders on realization of transplacental carcinogenesis induced by N-nitrosomethylurea in rats] Popovich IG, et al. **Vopr Onkol** 1985;31(8):79-85 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Verapamil: placental transfer and effects on maternal and fetal hemodynamics and atrioventricular conduction in the pregnant ewe. Murad SH, et al. **Anesthesiology** 1985 Jan; 62(1):49-53

Effects of cadmium on the placental uptake and transport to the fetus of nutrients. Danielsson BR, et al. **Biol Res Pregnancy Perinatol** 1984;5(3):93-101

Fetotoxicity of inorganic mercury in the mouse: distribution and effects on nutrient uptake by placenta and fetus. Danielsson BR, et al. **Biol Res Pregnancy Perinatol** 1984; 5(3):102-9

Effect of nicotine on AIB transport in the perfused human placenta. Browne MJ, et al. **Contrib Gynecol Obstet** 1985; 13:137-8

Effect of acetaldehyde on skeletogenesis in rats. Sreenathan RN, et al. **Drug Alcohol Depend** 1984 Oct;14(2):165-74

Effects of intra-amniotic isoxsuprine on amino acid placental transfer in rats. Garzetti GG, et al. **Gynecol Obstet Invest** 1985;19(3):143-5

Effect of Zn-DTPA therapy on the maternal transfer of 241Am or 237Pu to young mice. Lloyd RD, et al. **Health Phys** 1985 Sep;49(3):405-10

Role of uteroferrin in placental iron transport: effect of maternal iron treatment on fetal iron and uteroferrin content and neonatal hemoglobin. Ducsay CA, et al. **J Anim Sci** 1984 Nov;59(5):1303-8

Toluene embryopathy. Hersh JH, et al. **J Pediatr** 1985 Jun; 106(6):922-7

Maternal and fetal effects of epidural analgesia during labour. Jouppila R. **Zentralbl Gynakol** 1985;107(9):521-31

[Quantitative drug exchange in the maternal-placental-fetal system. Studies of transplacental lidol transport] Todorov S. **Akush Ginekol (Sofiia)** 1985;24(3):15-8 (Eng. Abstr.) **(Bul)**

[Effect of low molecular dextran on maternal microrheologic parameters, fetal heart rate and transcutaneous fetal oxygen partial pressure in labor] Kurz CS, et al. **Z Geburtshilfe Perinatol** 1985 Jan-Feb;189(1):25-33 (Eng. Abstr.) **(Ger)**

[Effect of the beta-blocker metoprolol on the cardiovascular system and plasma catecholamines of the fetus in normoxia and acute hypoxia--animal experiment studies] Paulick R, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr;189(2):47-55 (Eng. Abstr.) **(Ger)**

[Effect of short duration euphylline infusion on the uteroplacental blood pool] Paulin F, et al. **Zentralbl Gynakol** 1985;107(6):348-56 (Eng. Abstr.) **(Ger)**

[Dependence of the embryotoxic action of dioxidine and cyclophosphamide on the immunoreactivity of the maternal-fetal system in mice] Torchinskii AM, et al. **Farmakol Toksikol** 1985 Jan-Feb;48(1):69-73 (Eng. Abstr.) **(Rus)**

MATERNAL HEALTH SERVICES

Outcome of maternal nutritional supplementation: a comprehensive review of the Bacon Chow study. Adair LS, et al. **Am J Clin Nutr** 1985 May;41(5):948-78

Evaluating the impact of mother and child health (MCH) services at village level: a survey in Tanzania, and lessons for elsewhere. Shears P, et al. **Ann Trop Paediatr** 1985 Jun; 5(2):55-9

Lactation nurse increases duration of breast feeding. Jones DA, et al. **Arch Dis Child** 1985 Aug;60(8):772-4

Health care for all mothers and infants by 2000 AD. Ratnam SS. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):236-41

General practitioner participation in intranatal care in the northern region in 1983. Marsh GN, et al. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):971-3

Family ties. Stitt PG. **Child Today** 1985 Jan-Feb;14(1):30-3

Risk approach in maternal care: how beneficial is this approach in reality? Reddaiah VP, et al. **Indian J Pediatr** 1985 Jan-Feb;52(414):61-5

World priorities and targets in maternal and child health for the year 2000. Petros-Barvazian A. **Int J Gynaecol Obstet** 1984 Dec;22(6):439-48

Inadequacies of present health services and strategies to improve maternal and child health in developing countries. Ratnam SS, et al. **Int J Gynaecol Obstet** 1984 Dec; 22(6):463-6

Re: Regionalization of perinatal services [letter] Hein HA. **JAMA** 1985 Aug 2;254(5):610-1

Maternal mortality--a neglected tragedy. Where is the M in MCH? Rosenfield A, et al. **Lancet** 1985 Jul 13; 2(8446):83-5

An analysis of news coverage of maternal-child nurses. Kalisch BJ, et al. **Matern Child Nurs J** 1984 Summer; 13(2):77-90

Multiple interventions: a lesson on utility and weakness--Dominican Republic. Ballweg JA. **Public Health Rev** 1984;12(3-4):240-5

Vital statistics data as a measurement of perinatal regionalization in Alabama, 1970 and 1980. Goldenberg RL, et al. **South Med J** 1985 Jun;78(6):657-60

Public/private cooperation in rural maternal child health efforts: the Lea County perinatal program. Berger LR. **Tex Med** 1984 Sep;80(9):54-7

[Hygienic instruction of a family in the breast feeding of infants] Goncharuk AN, et al. **Sov Zdravookhr** 1984; (11):41-4 **(Rus)**

[Are we fulfilling the general health care program for women?] Poradovský K. **Cesk Gynekol** 1984 Jul; 49(6):401-3 **(Slo)**

[Maternal breast feeding. Promotion through training of the maternal-child health team] Gutiérrez Leyton M, et al. **Bol Of Sanit Panam** 1985 Jan;98(1):1-9 (Eng. Abstr.) **(Spa)**

[Biosocial analysis of the patients entering a prenatal clinic] De La Garza Quintanilla C, et al. **Ginecol Obstet Mex** 1984 May;52(325):127-32 (Eng. Abstr.) **(Spa)**

[Evaluation of the Center for Rh-negative Mothers. Hospital Paula Jaraquemada (3 years)] Krug A, et al. **Rev Chil Obstet Ginecol** 1981;46(4):206-14 **(Spa)**

[Evaluation of 5 years' work of the Centro de Protección de la Embarazada Rural of the Hospital de Traiguén ('Casa de la Embarazada Rural')] Sepúlveda Aguilar E. **Rev Chil Obstet Ginecol** 1981;46(5):241-8 (Eng. Abstr.) **(Spa)**

ECONOMICS

The age extremes for reproduction: current implications for policy change. Davidson EC Jr, et al. **Am J Obstet Gynecol** 1985 Jun 15;152(4):467-73

The financial impact of a comprehensive adolescent pregnancy program on a university hospital. Elster AB, et al. **J Adolesc Health Care** 1985 Jan;6(1):17-20

Probable future funding priorities in maternal and child health: a modified Delphi National Survey. Loos GP, et al. **J Health Polit Policy Law** 1985 Winter;9(4):683-93

Access to private obstetrics/gynecology services under Medicaid. Mitchell JB, et al. **Med Care** 1984 Nov; 22(11):1026-37

[Economic analysis of the dissemination of a medical innovation: prenatal diagnosis by early amniocentesis as an example. Part 2. Facilitating decision making in public health for optimal dissemination of an innovation] Gardent H, et al. **Rev Epidemiol Sante Publique** 1984;32(2):97-106 (Eng. Abstr.) **(Fre)**

[Economic analysis of the dissemination of a medical innovation: prenatal diagnosis by early amniocentesis as an example. Part 1. Epidemiologic, medical and socioeconomic bases. The dissemination of a diagnostic innovation] Gardent H, et al. **Rev Epidemiol Sante Publique** 1984;32(2):88-96 (Eng. Abstr.) **(Fre)**

[Insufficient maternal attention, socioeconomic index] Tisné L. **Rev Chil Obstet Ginecol** 1984;49(4):284-90 **(Spa)**

HISTORY

The origin and development of maternal and child health programs in the United States. Lesser AJ. **Am J Public Health** 1985 Jun;75(6):590-8

[Development of preventive services in Soviet obstetrics] Danilishina EI. **Sov Zdravookhr** 1985;(4):57-9 **(Rus)**

[History of the maternity services of the Hospital del Salvador] Iglesias Diaz J. **Rev Chil Obstet Ginecol** 1983; 48(4):276-85 **(Spa)**

LEGISLATION & JURISPRUDENCE

Effects of Proposition 13 on health care services for mothers and children in California. Wallace HM, et al. **J Public Health Policy** 1984 Dec;5(4):458-70

MANPOWER

Maternity care: a duplication of resources. Robinson S. **J R Coll Gen Pract** 1985 Jul;35(276):346-7

ORGANIZATION & ADMINISTRATION

For health centres in Iraq. An educational strategy with focus on maternal and child health. Joseph G, et al. **Hygie** 1985 Mar;4(1):24-9

The regionalization of perinatal services. Summary of the evaluation of a national demonstration program. McCormick MC, et al. **JAMA** 1985 Feb 8;253(6):799-804

Consolidation of hospital obstetric services [letter] Conatser DG. **Obstet Gynecol** 1985 May;65(5):770

Regionalization of perinatal care. Meuli RL, et al. **West J Med** 1984 Nov;141(5):695-7

[Organization of multi-level medical services for women with abortions and for premature infants] V'iaskova MF, et al. **Akush Ginekol (Mosk)** 1985 May;(5):60-1 **(Rus)**

[American specialists in the program of developing maternal and child health care in the United States] Lisitsyn IuP, et al. **Pediatriia** 1984 Aug;(8):65-7 **(Rus)**

[Organization of therapeutic departments for mothers in pediatric hospitals] Makhmudov OS, et al. **Pediatriia** 1985 Feb;(2):72-3 **(Rus)**

[Improving the quality of maternal and child health services] Grebesheva II. **Sov Zdravookhr** 1985;(3):15-8 **(Rus)**

STANDARDS

Use of refined perinatal mortality rate trends to evaluate the effect of a confidential inquiry. Thomas J, et al. **Lancet** 1985 Jul 27;2(8448):197-9

[Evaluation of public health services by 805 women who had delivered in a Brianza hospital] Galli F, et al. **Ann Ostet Ginecol Med Perinat** 1985 Jan-Feb;106(1):12-23 (Eng. Abstr.) **(Ita)**

TRENDS

The secret of maternal and child health. Yankauer A. **Am J Public Health** 1985 Jun;75(6):585-7

Maternity services shift in response to consumer demand. **Hospitals** 1985 Apr 16;59(8):82-4, 88

Patterns of obstetric procedures use in maternity care. Baruffi G, et al. **Obstet Gynecol** 1984 Oct;64(4):493-8

[Activities of the laboratory for socio-hygienic problems in maternal and child care] Andrievskii BP. **Pediatriia** 1984 Aug;(8):52-3 **(Rus)**

UTILIZATION

Extent of utilisation of maternal care services of P.H.C. by the families of a rural area. Ray SK, et al. **Indian J Public Health** 1984 Jul-Sep;28(3):122-7

MATERNAL MORTALITY

A return to maternal mortality studies: a necessary effort. Fox LP. **Am J Obstet Gynecol** 1985 Jun 15;152(4):379-86

Perinatal and maternal mortality in a religious group avoiding obstetric care. Kaunitz AM, et al. **Am J Obstet Gynecol** 1984 Dec 1;150(7):826-31

The response of the New York Obstetrical Society to the report by the New York Academy of Medicine on maternal mortality, 1933-1934. Porges RF. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):642-9

Anesthesia-related maternal mortality. Marx GF, et al. **Bull NY Acad Med** 1985 May;61(4):323-30

Epidemiology of maternal mortality in Addis Ababa: a community-based study. Kwast BE, et al. **Ethiop Med J** 1985 Jan;23(1):7-16

Reproductive mortality. Trussell J, et al. **Fam Plann Perspect** 1982 Sep-Oct;14(5):263

Maternal mortality in Indiana: a report of maternal deaths in 1982. Ragan WD. **Indiana Med** 1984 Sep;77(9):686

Maternal mortality in developing countries [letter] **Int J Epidemiol** 1985 Jun;14(2):337-8

Obstetric audit: a 12 years review of obstetric practice in Ramathibodi Hospital 1970-1981. Sirivongs B, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:4-14

Maternal deaths in New Jersey--1982. Hansen GF, et al. **J Med Soc NJ** 1984 Nov;81(11):935-8

Maternal mortality: an historical audit [editorial] Loudon I. **J R Coll Gen Pract** 1984 Nov;34(268):585-6

Report of the Maternal Mortality Subcommittee of the TMA Maternal and Child Care Committee. **J Tenn Med Assoc** 1984 Oct;77(10):592-3

Maternal mortality in Third World countries [letter] **Lancet** 1985 Jul 27;2(8448):215-6

Women's decade: celebration or wake? [letter] Baumslag N. **Lancet** 1985 Sep 7;2(8454):557

Maternal mortality--a neglected tragedy [letter] Crawford

JS. **Lancet** 1985 Aug 17;2(8451):395

Changes in maternal and child mortality rates in three isolated Gambian villages over ten years. Lamb WH, et al. **Lancet** 1984 Oct 20;2(8408):912-4

Maternal mortality--a neglected tragedy. Where is the M in MCH? Rosenfield A, et al. **Lancet** 1985 Jul 13; 2(8446):83-5

Maternal mortality in Missouri (1976-1980). An update: assessment of changing etiology. Starks GC, et al. **Mo Med** 1984 Dec;81(12):770-3

Prophylactic cesarean section at term [letter] **N Engl J Med** 1985 Sep 19;313(12):753-4

Maternal mortality in North Carolina: a historical survey and current update. May WJ, et al. **NC Med J** 1985 Feb; 46(2):73-6

Maternal deaths in Washington state. Benedetti TJ, et al. **Obstet Gynecol** 1985 Jul;66(1):99-101

Maternal deaths in the United States by size of hospital [letter] Evrard JR. **Obstet Gynecol** 1985 May;65(5):772

Causes of maternal mortality in the United States. Kaunitz AM, et al. **Obstet Gynecol** 1985 May;65(5):605-12

Maternal mortality in Papua New Guinea 1976-1983. Mola G, et al. **Papua New Guinea Med J** 1984 Jun;27(2):65-71

Age, period, and cohort effects on maternal mortality: a linear logit model. Tu EJ, et al. **Soc Biol** 1983 Winter;30(4):400-12

Risk of maternal death in Indonesia and Sweden. Patterns and trend in 3D display in teaching. Bernard RP, et al. **Soz Praventivmed** 1984;29(4-5):172-3

The potential impact of changes in fertility on infant, child, and maternal mortality. Trussell J, et al. **Stud Fam Plann** 1984 Nov-Dec;15(6 Pt 1):267-80

[Maternal death of obstetrical origin. Medicolegal aspects] Chevrant-Breton O, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(3):385-93 (Eng. Abstr.) **(Fre)**

[Maternal mortality in 1983. A propos of our experiences at Saint-Antoine] Faguer C, et al. **Rev Fr Gynecol Obstet** 1984 Nov;79(11):719-23 (Eng. Abstr.) **(Fre)**

[Maternal mortality in Quebec] Brault R. **Union Med Can** 1984 Jul;113(7):562-5 (Eng. Abstr.) **(Fre)**

[Perinatal and maternal mortality in the United States] Ryan G Jr. **Union Med Can** 1984 Jul;113(7):572-6 (Eng. Abstr.) **(Fre)**

[Mortality and fatality in cesarean section] Beck A, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):421-4 (Eng. Abstr.) **(Ger)**

[Reproduction-related mortality in earlier centuries] Böhmer W, et al. **Zentralbl Gynakol** 1984;106(13):939-46 (Eng. Abstr.) **(Ger)**

[Maternal mortality in Brazil, 1980] de Siqueira AA, et al. **Rev Saude Publica** 1984 Dec;18(6):448-65 (Eng. Abstr.) **(Por)**

[Maternal mortality in the city of Villahermosa, Tabasco] Ayón Lizárraga JL. **Ginecol Obstet Mex** 1985 Apr; 53(336):97-9 (Eng. Abstr.) **(Spa)**

[Maternal mortality in the Woman's Hospital of the Social Security Administration. 1981-1983] Trejo Ramírez CA. **Ginecol Obstet Mex** 1985 Mar;53(335):69-74 (Eng. Abstr.) **(Spa)**

[Analysis of maternal mortality in Chile in 1981 and its associated factors according to death certificates] Orellana M, et al. **Rev Chil Obstet Ginecol** 1984;49(2):71-83 **(Spa)**

[Maternal mortality--a global problem. Half a million are still dying during labor every year] Högberg U. **Lakartidningen** 1985 Jan 16;82(3):129-31 (Eng. Abstr.) **(Swe)**

MATERNAL WELFARE

see related

MATERNAL HEALTH SERVICES

Changing problems and priorities in obstetrics. Baird D. **Br J Obstet Gynaecol** 1985 Feb;92(2):115-21

Breast-feeding, birth spacing and pregnancy care: prevalence and outcome. Bernard RP, et al. **J Trop Pediatr** 1984 Oct; 30(5):279-86

Collaborative studies program on maternal and child health in New York State, 1981-83. Barber-Madden R, et al. **Public Health Rep** 1985 Jul-Aug;100(4):432-9

The role of information in primary health care. Gibbons G. **Public Health Rev** 1984;12(3-4):372-7

HISTORY

St Kilda: childbirth and the women of Main Street. Holohan AM. **Scott Med J** 1985 Jan;30(1):50-3

MATERNALLY-ACQUIRED IMMUNITY see **IMMUNITY, MATERNALLY-ACQUIRED**

MATHEMATICS

Right hemisphere superiority in processing new symbols for arithmetic operators. Lamm O, et al. **Acta Psychol (Amst)** 1984 Sep;57(1):29-45

Some linguistic components of acalculia. Deloche G, et al. **Adv Neurol** 1984;42:215-22

Counts, scales, and scores. Levels of observation. Brown GW. **Am J Dis Child** 1985 Feb;139(2):147-51

The mathematical achievements of deaf children from different educational environments. Wood HA, et al. **Br J Educ Psychol** 1984 Nov;54 (Pt 3):254-64

Some algebraic properties of the Reticular Action Model for moment structures. McArdle JJ, et al. **Br J Math Stat Psychol** 1984 Nov;37 (Pt 2):234-51

Generalised pruritus. Champion RH. **Br Med J [Clin Res]** 1984 Sep 22;289(6447):751-3

Recent widespread scaly rashes. Finlay AY. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):817-9

Infertility. Klopper A. **Br Med J [Clin Res]** 1985 Jan 12; 290(6462):140-2

Suspected Cushing's syndrome. McHardy KC. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1519-21

Facial rashes. Marks R. **Br Med J [Clin Res]** 1984 Sep 15; 289(6446):687-9

Biogeometry. The logic in the process of selection, siting, design, construction, and transfer of flaps. Tenta LT, et al. **Clin Plast Surg** 1985 Jul;12(3):423-52

Orthogonal polynomials used as soft tissue energy density functions. von Maltzahn WW. **Int J Biomed Comput** 1984 Sep-Oct;15(5):381-9

Neuropsychiatric testing in an autistic mathematical idiot-savant: evidence for nonverbal abstract capacity. Steel JG, et al. **J Am Acad Child Psychiatry** 1984 Nov; 23(6):704-7

Correction for 'three-dimensional cinematography with control object of unknown shape [letter] Dapena J. **J Biomech** 1985;18(2):163

A four-state cross bridge model for muscle contraction. Mathematical study and validation. Comincioli V, et al. **J Math Biol** 1984;20(3):277-304

The effects of arithmetic task difficulty and performance level on EEG alpha asymmetry. Earle JB. **Neuropsychologia** 1985;23(2):233-42

The impossibility of squaring the sphero-cylinder [letter] Saunders H. **Ophthalmic Physiol Opt** 1985;5(1):95

What does the occluding contour tell us about solid shape? Koenderink JJ. **Perception** 1984;13(3):321-30

Solution of the embedding problem and decomposition of symmetric matrices. Sippl MJ, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2197-201

Biological correlates of high mathematical reasoning ability. Benbow CP, et al. **Prog Brain Res** 1984;61:469-90 (88 ref.)

Understanding and solving word arithmetic problems. Kintsch W, et al. **Psychol Rev** 1985 Jan;92(1):109-29

Mathematical models of the event-related potential. Hunt E. **Psychophysiology** 1985 Jul;22(4):395-402

[Differences in mathematical thinking ability in men and women and mathematics in the biological sciences] Presl J. **Cesk Gynekol** 1984 Jul;49(6):455-7 **(Cze)**

[Hemispheric dominance for speech and calculation: electrophysiologic correlates of left dominance in left handedness] Jung R, et al. **Neuropsychologia** 1984; 22(6):755-75 (Eng. Abstr.) **(Ger)**

[Use of regression analysis and elements of differential calculus in functional-morphologic studies] Vinogradov SIu. **Arkh Anat Gistol Embriol** 1984 Aug;87(8):74-81 **(Rus)**

HISTORY

[History of the so-called Bateman function] Kratochvíl L, et al. **Cesk Farm** 1984 Jun;33(5):210-2 (Eng. Abstr.) **(Cze)**

MATING BEHAVIOR, ANIMAL see **SEX BEHAVIOR, ANIMAL**

MATRIX BANDS see under **DENTAL INSTRUMENTS**

MATRIX, EXTRACELLULAR see **EXTRACELLULAR MATRIX**

MATTRESSES see **BEDS**

MAXILLA

A maxillary oversplint. Thomson ER. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):58-9

The unilateral pterygohamular subperiosteal implant: evolution of a technique. Cranin AN, et al. **J Am Dent Assoc** 1985 Apr;110(4):496-500

Determination of approximate size of maxillary anterior denture teeth when mandibular anterior teeth are present. Part III: Relationship of maxillary to mandibular central incisor widths. McArthur DR. **J Prosthet Dent** 1985 Apr; 53(4):540-2

Palatal shape and the flexural strength of maxillary denture bases. Morris JC, et al. **J Prosthet Dent** 1985 May; 53(5):670-3

[Human remains from the Coupe-Gorge cavern at Montmaurin (High Garonne)] Billy G. **Z Morphol Anthropol** 1985;75(2):223-37 (Eng. Abstr.) **(Fre)**

[Foreign bodies in the maxillofacial area] Korchemskiĭ IS, et al. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):82-3 **(Rus)**

ABNORMALITIES

Maxillo-nasal dysplasia (Binder syndrome) and associated malformations of the cervical spine. Olow-Nordenram MA, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):353-60

Re: Delayed bone grafting in the cleft maxilla and palate [letter] Hall HD. **Am J Orthod** 1985 Mar;87(3):256-7

Saddle angle and maxillary prognathism: a radiological analysis of the association between the NSAr and SNA angles. Järvinen S. **Br J Orthod** 1984 Oct;11(4):209-13

Maxillonasal dysostosis (Binder syndrome); a review of the literature and case reports. Ferguson JW, et al. **Eur J Orthod** 1985 May;7(2):145-8

Case report: orthognathic surgery-correction of maxillo-mandibular deformity. Behrman DA. **Int J Orthod** 1985 Spring;23(1-2):27-31

Variations of total vertical maxillary excess. Schendel SA, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):590-6

Congenital syngnathia or fusion of the gums and jaws. Simpson JR, et al. **Otolaryngol Head Neck Surg** 1985 Feb; 93(1):96-9

Oromandibular limb hypogenesis syndromes. Chicarilli ZN, et al. **Plast Reconstr Surg** 1985 Jul;76(1):13-24

Oblique facial clefts: pathology, etiology, and reconstruction. van der Meulen JC. **Plast Reconstr Surg** 1985 Aug; 76(2):212-24

Correction of bimaxillary deformity--a surgical dilemma? Preliminary report of eight cases. Janakarajah N, et al. **Singapore Med J** 1985 Apr;26(2):179-86

[Treatment and prognosis of crowding in cheilognathopalatoschisis with special reference to the Vienna concept] Hoffmann D, et al. **Zahn Mund Kieferheilkd** 1984;72(8):803-10 (Eng. Abstr.) **(Ger)**

[Mirror cheilognathoschisis in thoracoabdominopagus twins: an unusual malformation picture] Balbi P, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):81-3 (Eng. Abstr.) **(Ita)**

[Tracheostomy is not essential for surgical correction of maxillofacial deformity] Murakami K, et al. **Masui** 1984 Jul;33(7):781-6 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

A cephalometric analysis of skeletal and dental changes contributing to Class II correction in activator treatment. Pancherz H. **Am J Orthod** 1984 Feb;85(2):125-34

Re: The quadrilateral analysis [letter] Valinoti JR. **Am J Orthod** 1985 Sep;88(3):264-5

Maxillary skeletal and dental change with Fränkel appliance therapy--an implant study. Brieden CM, et al. **Angle Orthod** 1984 Jul;54(3):226-32

Healing of the bone incision following Le Fort I osteotomy. Compton JE, et al. **J Oral Maxillofac Surg** 1984 Oct; 42(10):665-7

Metal denture inserts in the treatment of elongated maxillary tuberosities. Nimmo A. **J Prosthet Dent** 1985 Jun; 53(6):880-1

EMBRYOLOGY

Fissures, canals and syndesmoses in the fetal maxilla. Bollobás E. **Acta Morphol Hung** 1984;32(3-4):231-43

The body and processes of the fetal maxilla. Bollobás E. **Acta Morphol Hung** 1984;32(3-4):217-30

Changes in the jaw relationships during human foetal cranio-facial growth. Trenouth MJ. **Br J Orthod** 1985 Jan; 12(1):33-9

The common developmental origin and phylogenetic aspects of teeth, rugae palatinae, and fornix vestibuli oris in the mouse. Peterková R. **J Craniofac Genet Dev Biol** 1985; 5(1):89-104

Traction, prenatal development, and the labioseptopremaxillary region. Siegel MI, et al. **Plast Reconstr Surg** 1985 Jul;76(1):25-8

ENZYMOLOGY

Purification of glandular kallikrein in maxillary mucosa from humans suffering from chronic inflammation. Hamaguchi Y, et al. **Enzyme** 1985;33(1):41-8

GROWTH & DEVELOPMENT

The influence of primary periosteoplasty on maxillary growth and deciduous occlusion in cases of complete unilateral cleft lip and palate. A longitudinal study from infancy to the age of 5. Hellquist R, et al. **Scand J Plast Reconstr Surg** 1976;10(3):197-208

[Prognosis of dental arch insufficiency in the premolar and canine region by the Moyers index] Gács M, et al. **Fogorv Sz** 1985 Jan;78(1):16-9 (Eng. Abstr.) **(Hun)**

PATHOLOGY

Incidence of the maxillary midline diastema in adults. McVay TJ, et al. **J Prosthet Dent** 1984 Dec;52(6):809-11

Relationship between the loss of maxillary anterior alveolar bone and the duration of untreated lepromatous leprosy in Malaysia. Nah SH, et al. **Lepr Rev** 1985 Mar;56(1):51-5

[Prosthesis-induced nodular chondrometaplasia of the maxilla] Makek MS, et al. **Schweiz Monatsschr Zahnmed** 1985 Jul;95(7):551-9 (Eng. Abstr.) **(Ger)**

[Dimensions and spatial orientation of the maxilla in the facial skeleton in wisdom tooth retention and anodontia] Bezvestnyĭ GV. **Stomatologiia (Mosk)** 1984 Sep-Oct; 63(5):61-3 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Photoelastic effects of maxillary protraction on the craniofacial complex. Itoh T, et al. **Am J Orthod** 1985 Aug;

88(2):117-24

Exploitation of the residual premaxillary-maxillary suture site in maxillary protraction. An hypothesis. Haskell BS, et al. **Angle Orthod** 1985 Apr;55(2):108-19

Zygomaticomaxillary suture adaptations incident to anteriorly-directed forces in rhesus monkeys. Nanda R, et al. **Angle Orthod** 1984 Jul;54(3):199-210

RADIOGRAPHY

Unilateral demonstration of the atlas in ipsilateral maxillary alveolar bone destruction. Kolbenstvedt A, et al. **Acta Radiol [Diagn] (Stockh)** 1985 Mar-Apr;26(2):173-6

Needle implant. Coonar HS. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):120

[Opacity of the pterygo-palatine fossa] Pandolfo I, et al. **J Radiol** 1985 Mar;66(3):197-202 (Eng. Abstr.) **(Fre)**

SURGERY

Dentofacial reconstruction. Arnet GF, et al. **Am J Nurs** 1984 Dec;84(12):1488-90

Tomographic assessment of nasal septal changes following surgical-orthodontic rapid maxillary expansion. Schwarz GM, et al. **Am J Orthod** 1985 Jan;87(1):39-45

Re: The effect of Le Fort I maxillary impaction on nasal airway resistance [letter] Timms DJ. **Am J Orthod** 1984 Nov;86(5):439

Alterations in nasal airway resistance following superior repositioning of the maxilla. Turvey TA, et al. **Am J Orthod** 1984 Feb;85(2):109-14

The palatally impacted cuspid tooth: a new surgical approach to treatment. Moloney F, et al. **Aust Dent J** 1985 Feb; 30(1):37-46

Monostotic fibrous dysplasia of the maxilla--one patient followed up for nine-years. Sellu DP, et al. **Br J Clin Pract** 1984 Nov-Dec;38(11-12):425-8

Clinical and laboratory procedures for the production of a retentive silicone rubber obturator for the maxillectomy patient. Davenport JC. **Br J Oral Maxillofac Surg** 1984 Oct;22(5):378-86

Long-term effects of premaxillary setback on facial skeletal profile in complete bilateral cleft lip and palate. Friede H, et al. **Cleft Palate J** 1985 Apr;22(2):97-105

Maxillary expansion: a surgical technique based on surgical-orthodontic treatment objectives and anatomical considerations. Turvey TA. **J Maxillofac Surg** 1985 Apr; 13(2):51-8

A cephalometric analysis of the Le Fort II osteotomy in the adult cleft patient. Ward-Booth RP, et al. **J Maxillofac Surg** 1984 Oct;12(5):208-12

Rigid stabilization system for maxillary osteotomies. Bays RA. **J Oral Maxillofac Surg** 1985 Jan;43(1):60-3

The maxillary step osteotomy and Steinmann pin stabilization. Bennett MA, et al. **J Oral Maxillofac Surg** 1985 Apr;43(4):307-11

A technique for osseous restoration of deficient edentulous maxillary ridges. Boyne PJ, et al. **J Oral Maxillofac Surg** 1985 Feb;43(2):87-91

Changes in electromyographic activity following superior repositioning of the maxilla. Johnston CP, et al. **J Oral Maxillofac Surg** 1984 Oct;42(10):656-64

Crestal ostectomy and lateral wall compression for management of the enlarged pneumatized tuberosity. Kreger T, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):835-8

A method for augmenting the severely atrophic maxilla using hydroxylapatite. Lew D. **J Oral Maxillofac Surg** 1985 Jan; 43(1):57-60

The posterior segmental maxillary osteotomy: recent applications. Moloney F, et al. **J Oral Maxillofac Surg** 1984 Dec;42(12):771-81

Antibiotic prophylaxis in intraoral orthognathic surgery. Ruggles JE, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):797-801

Alternative donor sites for maxillary bone grafts. Wolford LM, et al. **J Oral Maxillofac Surg** 1985 Jun;43(6):471-2

Alternative obturation for the maxillectomy patient with severely limited mandibular opening. Taylor TD, et al. **J Prosthet Dent** 1985 Jan;53(1):83-5

Immediate reconstruction following maxillectomy. Cornah J. **J R Coll Surg Edinb** 1984 Sep;29(5):278-80

Intraoperative measurement of maxillary repositioning: an ancillary technique. Johnson DG. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):266-8

Rigid fixation of maxillary osteotomies: a preliminary report and technique article. Van Sickels JE, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):262-5

An analysis of 12 years of craniomaxillofacial surgery in Toronto. Munro IR, et al. **Plast Reconstr Surg** 1985 Jul; 76(1):29-35

[Application of xuejie in oral and maxillofacial surgery] Lu XX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):626-7 **(Chi)**

[Use of computerized tomography in oral and maxillofacial surgery--report of 12 cases] Chen ZH. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Jun;19(2):107-8 **(Chi)**

[Personal experience with medial maxillectomy by Session's technic] Navrátil J, et al. **Cesk Otolaryngol** 1984 Nov; 33(6):330-2 (Eng. Abstr.) **(Cze)**

[The trident maxillary osteotomy. Technic, indications and results] Cadenat H, et al. **Ann Chir Plast Esthet** 1985; 30(1):46-54 (Eng. Abstr.) **(Fre)**

[Correction of long face with open bite] Vesse M, et al. **Ann Chir Plast Esthet** 1985;30(2):147-53 (Eng. Abstr.) **(Fre)**

[Reposition osteoplasty of the median process in bilateral labiomaxillary clefts] Deffez JP, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):360-7 (Eng. Abstr.) **(Fre)**

[The role of osteotomy in the treatment of incisor infraclusion in adults] Netter JC. **Rev Stomatol Chir Maxillofac** 1985; 86(2):90-1 (Eng. Abstr.) **(Fre)**

[Prevention of unwanted results in osteosynthesis of the maxilla within the scope of orthodontic surgery] Hörster W, et al. **Fortschr Kiefer Gesichtschir** 1985;30:100-2 **(Ger)**

[Complications in prognathism operations (following the method of labial pedicled anterior maxilla fragment) and their prevention] Wunderer S, et al. **Fortschr Kiefer Gesichtschir** 1985;30:96-8 **(Ger)**

[Prosthetic rehabilitation in jaw resections followed by reconstruction of the palatal diaphragm] Fraccari F, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):381-6 (Eng. Abstr.) **(Ita)**

[Effect of operations on the maxillary sinuses in children on the development of facial soft tissue and bone] Brzezińska H, et al. **Otolaryngol Pol** 1985;39(1):33-7 (Eng. Abstr.) **(Pol)**

[Blood supply and oxygen regimen of the mucoperiosteal flap before and after an operation for segmental osteotomy of the frontal section of the maxilla] Bezrukov VM, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):44-6 (Eng. Abstr.) **(Rus)**

MAXILLARY ARTERY

ANATOMY & HISTOLOGY

Arteria maxillaris of the donkey (Equus asinus). Ahmed MA, et al. **Anat Histol Embryol** 1984 Dec;13(4):333-40

[Pterygomaxillary raphe and pterygopalatine segment of the internal maxillary artery] Yuan GQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):48-9 **(Chi)**

INJURIES

[Preoperative embolization of an infected aneurysm of the maxillary artery following a gunshot wound] Wenz W, et al. **Radiologe** 1984 Dec;24(12):550-3 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

[Digital subtraction angiography of the maxillary artery through the infusion tube] Sasai K, et al. **Rinsho Hoshasen** 1984 Dec;29(13):1473-8 (Eng. Abstr.) **(Jpn)**

SURGERY

Total ophthalmoplegia after internal maxillary artery ligation. Beall J, et al. **Arch Otolaryngol** 1985 Oct;111(10):696-8

An evaluation and clinical study of severe epistaxis treated by arterial ligation. Cooke ET. **J Laryngol Otol** 1985 Aug; 99(8):745-9

Re: Intraoral ligation of the maxillary artery for posterior epistaxis [letter] el-Silimy O, et al. **Laryngoscope** 1985 Apr; 95(4):483-4

MAXILLARY DISEASES

[Fibrous dysplasia of the maxillary sinus] Jelinek R. **Cesk Otolaryngol** 1985 Mar;34(2):100-2 (Eng. Abstr.) **(Cze)**

CHEMICALLY INDUCED

[Polyvinylpyrrolidone granuloma--differential diagnosis of rare soft tissue tumors in the area of the maxilla] Uffenorde J, et al. **HNO** 1984 Dec;32(12):515-7 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Nonfatal maxillocerebral mucormycosis with orbital involvement in a dehydrated infant. Miller RD, et al. **Ann Ophthalmol** 1980 Sep;12(9):1065-8

Paget's disease. Welfare RD. **Br Dent J** 1985 Feb 9; 158(3):90-2

Acute, life-threatening disease first appearing as odontogenic pain. Webb DJ, et al. **J Am Dent Assoc** 1984 Dec; 109(6):936-8

Chronic osteomyelitis of the zygomatico-maxillary complex. Cutchavaree A, et al. **J Med Assoc Thai** 1984 Dec; 67(12):687-93

Metastatic breast carcinoma disguised as periapical disease in the maxilla. Spott RJ. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):327-8

[Dysontogenetic median maxillary cysts] Holtmann S, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):331-4 (Eng. Abstr.) **(Ger)**

[Case of fibrous dysplasia of the jaws: problems of differential diagnosis] Parascandolo S, et al. **Minerva Stomatol** 1985 May-Jun;34(3):497-502 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Aneurysmal bone cyst: a hybrid lesion? Robinson PD. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):220-6

Tooth exfoliation and osteonecrosis of the maxilla after trigeminal herpes zoster. Garty BZ, et al. **J Pediatr** 1985 Jan;106(1):71-3

Osteoradionecrosis of the maxilla and skull base. Komisar A, et al. **Laryngoscope** 1985 Jan;95(1):24-8

[Dental implications of Paget's disease] Lechien P, et al. **Acta Stomatol Belg** 1985 Jun;82(2):101-9 **(Fre)**

[Necrosis of the maxillary bone after the Caldwell-Luc intervention] Politi M, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):737-41 (Eng. Abstr.) **(Ita)**

FAMILIAL & GENETIC

Maxillofacial symptoms in two patients with pyknodysostosis. Zachariades N, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):819-23

OCCURRENCE

[Dehiscences and fenestrations. Incidence and distribution] Grivet Brancot L, et al. **Minerva Stomatol** 1985 Jan-Feb; 34(1):123-7 (Eng. Abstr.) **(Ita)**

PATHOLOGY

Pathologic quiz case 1. Odontogenic keratocyst (OKC). Dierks EJ, et al. **Arch Otolaryngol** 1985 May;111(5):346, 347, 348

Eosinophilic granuloma with bilateral maxillary and mandibular involvement. Gondalia V, et al. **J Laryngol Otol** 1984 Nov;98(11):1143-5

Sialolith in a median anterior maxillary cyst. Sadeghi EM, et al. **J Oral Maxillofac Surg** 1985 Jan;43(1):55-6

Benign fibroblastic tumor-like lesion simulating malignancy in the maxilla. Kurihara K, et al. **J Oral Pathol** 1984 Dec; 13(6):679-85

Melanoma with metastasis to an apical periodontal cyst. Welch RD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):189-93

[Anatomical factors in dissemination of oral and maxillofacial infections] Zhang KQ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):32-4 **(Chi)**

RADIOGRAPHY

Diffuse, increased radiodensity of the maxilla and mandible. DeBoom GW, et al. **J Am Dent Assoc** 1985 Mar; 110(3):381-2

Well-defined radiolucent area involving the anterior maxilla. Schott TR, et al. **J Am Dent Assoc** 1985 Jan;110(1):86-8

Calcified structures in anterior maxillary cysts [letter] Haber-Cohen A, et al. **J Oral Maxillofac Surg** 1985 Aug; 43(8):563

Nasolabial cyst. Adams A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):118-9

Phantom cysts. Fisher FJ. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):628-9

Computed tomography in the diagnosis of an odontogenic keratocyst. MacKenzie GD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Mar;59(3):302-5

Computed tomography in oral and maxillofacial surgery. Janakarajah N, et al. **Singapore Med J** 1984 Oct;25(5):344-7

[CAT in the diagnosis and localization of large odontogenic maxillary or mandibular cysts] Peres F, et al. **Rev Port Estomatol Cir Maxilofac** 1984 Jul-Sep; 25(3):865-86 (Eng. Abstr.) **(Por)**

SURGERY

Odontogenic keratocyst of the maxilla: a case report. Lund VJ. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):210-5

Hydatid disease of the maxilla. Assal AM, et al. **J Laryngol Otol** 1984 Oct;98(10):1027-9

[Postoperative tube feeding of maxillary surgery patients with the high molecular drinking and tube feeding solution Fresubin] Schmidt W, et al. **Infusionsther Klin Ernahr** 1984 Oct;11(5):282-8 (Eng. Abstr.) **(Ger)**

[Surgical treatment of jaw cysts] Wenger B. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):308-15 (Eng. Abstr.) **(Ger)**

[Clinical experiences in the treatment of central giant cell granulomas in childhood] Wittstock C, et al. **Z Arztl Fortbild (Jena)** 1985;79(2):69-72 **(Ger)**

[Effect of operations on the maxillary sinuses in children on the development of facial soft tissue and bone] Brzezińska H, et al. **Otolaryngol Pol** 1985;39(1):33-7 (Eng. Abstr.) **(Pol)**

[Complications of general anesthesia after surgery for injuries and diseases of the maxillo-facial area] Aleksandrov NM, et al. **Voen Med Zh** 1984 Nov;(11):26-8 **(Rus)**

MAXILLARY FRACTURES

COMPLICATIONS

[Median palatine suture fracture: a type of maxillary fracture with report of 15 cases] Song QH. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):105-6 **(Chi)**

DIAGNOSIS

[Endoscopic examination of the maxillary sinus] Simon BG, et al. **Fogorv Sz** 1984 Dec;77(12):363-8 (Eng. Abstr.) **(Hun)**

SURGERY

Monocular blindness developing 7 days after repair of zygomaticomaxillary complex fracture. A clinical report. Buckley SB, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):25-8

[Use of balloon catheters in the treatment of fractures of the zygomatic-maxillary complex] Dimter L, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(5):391-9 (Eng. Abstr.) **(Cze)**

[Halo-external fixation for a severe maxillofacial injury. Case report] Yamashita M, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):484-8 (Eng. Abstr.) **(Jpn)**

THERAPY

[A new ligation method in treating maxillary fractures in children] Seghir M, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):424-5 (Eng. Abstr.) **(Fre)**

MAXILLARY NEOPLASMS

Fibrosarcoma of maxilla. Mishra R, et al. **J Indian Med Assoc** 1984 Oct;82(10):374-5

Melanotic neuroectodermal tumour of the maxilla (a case report). Kirtane MV, et al. **J Postgrad Med** 1984 Oct; 30(4):250-2

Well-differentiated fibrosarcoma of the maxilla--a case report. Foo GC, et al. **Singapore Med J** 1984 Aug; 25(4):274-7

[Pulmonary metastasis of an ameloblastoma] Hyvernat P, et al. **Rev Mal Respir** 1985;2(1):15-8 (Eng. Abstr.) **(Fre)**

[Maxillary localization of Ewing's sarcoma. Description of a case in a 5-year-old child] Castello MA, et al. **Clin Ter** 1985 Apr 15;113(1):61-5 (Eng. Abstr.) **(Ita)**

ANALYSIS

Identification of basement membrane components and intermediate filaments in calcifying epithelial odontogenic tumors. Sauk JJ, et al. **J Oral Pathol** 1985 Feb;14(2):133-40

COMPLICATIONS

Aneurysmal bone cyst: a hybrid lesion? Robinson PD. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):220-6

An unusual cause of unilateral nasal obstruction: ameloblastoma. Wenig BL, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):426-32

CONGENITAL

Melanotic neuroectodermal tumor of infancy (retinal anlage tumor). Lamping KA, et al. **Ophthalmology** 1985 Jan; 92(1):143-9

DIAGNOSIS

Odontogenic myxoma. Webb DJ, et al. **Int J Oral Surg** 1984 Oct;13(5):448-51

Painful, mixed density mass of the right maxilla. Colman MF, et al. **J Am Dent Assoc** 1985 Feb;110(2):235-6

Oral cavernous hemangioma with atypical presentation. Yaacob HB, et al. **J Oral Med** 1985 Jul-Sep;40(3):144-7

[Diagnosis and therapy of ameloblastoma] Catania VC, et al. **Minerva Stomatol** 1984 Sep-Oct;33(5):827-40 (Eng. Abstr.) **(Ita)**

ETIOLOGY

Malignant fibrous histiocytoma of maxilla following radiotherapy for bilateral retinoblastoma. Nishizawa S, et al. **J Laryngol Otol** 1985 May;99(5):501-4

IMMUNOLOGY

[Anti-tumor immunity in patients with head and neck cancer measured by leukocyte adherence inhibition test] Himi T. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):463-76 (Eng. Abstr.) **(Jpn)**

METABOLISM

[Metabolism of 1-(2-tetrahydrofuryl)-5-fluorouracil (FT-207) in human maxillary cancer (OKK) cells in culture] Yoneda T, et al. **Gan To Kagaku Ryoho** 1985 Jun; 12(6):1306-11 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

A case report of neuroectodermal tumour of infancy. McDonald F. **Br J Oral Maxillofac Surg** 1985 Jun; 23(3):227-9

Primary B-cell malignant lymphoma of the maxilla with a sarcomatous pattern and multilobated nuclei. Kluin PM, et al. **Cancer** 1984 Oct 15;54(8):1598-605

Hemangiopericytoma of the head and neck. Gupta OP, et al. **Ear Nose Throat J** 1985 Mar;64(3):145-9

Pathology of Burkitt's lymphoma in Zaire. Kalengayi MM, et al. **IARC Sci Publ** 1984;(63):655-64

Chondrosarcoma of the maxilla. Cohen MA, et al. **Int J Oral Surg** 1984 Dec;13(6):528-31

Malignant fibrous histiocytoma of the maxilla. Case report and review of the literature. Hayter JP, et al. **J Maxillofac Surg** 1985 Aug;13(4):167-71

Ameloblastomas with pronounced desmoplasia. Eversole LR, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):735-40

Desmoplastic fibroma of the maxilla. George DI Jr, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):718-25

Bilateral maxillary squamous odontogenic tumors and the malignant transformation of a mandibular radiolucent lesion. Norris LH, et al. **J Oral Maxillofac Surg** 1984 Dec; 42(12):827-34

Case 56: intraosseous tumor of the maxilla [clinical conference] Petri WH 3d, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):726-34

Ameloblastic fibroma in an infant. Young AH. **J Oral Maxillofac Surg** 1985 Apr;43(4):289-92

'Coexistent chronic myeloid leukemia and lymphosarcoma in the maxilla: report of a case'. Epivatianos AA, et al. **J Oral Med** 1984 Oct-Dec;39(4):207-9

Benign fibroblastic tumor-like lesion simulating malignancy in the maxilla. Kurihara K, et al. **J Oral Pathol** 1984 Dec; 13(6):679-85

Benign infiltrative lipomatous lesions [letter] Jagadha V, et al. **NY State J Med** 1984 Dec;84(12):591-2

Maxillary ameloblastoma with orbital invasion. A clinicopathologic study. Weiss JS, et al. **Ophthalmology** 1985 May;92(5):710-3

Chondrosarcoma of the maxilla. Berktold R, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):484-6

Multiple odontomas. Review of the literature and report of a new case. Lamberg MA, et al. **Proc Finn Dent Soc** 1984; 80(4):169-74

Ameloblastic fibrosarcoma in the maxilla, malignant transformation of ameloblastic fibroma. Takeda Y, et al. **Virchows Arch** [A] 1984;404(3):253-63

[Clinico-pathologic analysis of 21 cases of primary central carcinoma of the jawbone] Liu SX. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):148-50 (Eng. Abstr.) **(Chi)**

[The keratinizing and calcifying odontogenic cyst. A case report] Kuo YS, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Nov;83(11):1172-7 (Eng. Abstr.) **(Chi)**

[Bifocal odontogenic calcified epithelial tumor (Pindborg's tumor). A morphologic and ultrastructural study] Chomette G, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(4):329-36 (Eng. Abstr.) **(Fre)**

[Case of a rare maxillary tumor: osteocementofibroma] Mugnier A, et al. **Rev Stomatol Chir Maxillofac** 1984; 85(5):399-402 (Eng. Abstr.) **(Fre)**

[Pathology of advanced maxillary cancer following combined radiotherapy and surgical therapy] Stenzl A, et al. **Wien Med Wochenschr** 1984 Sep 30;134(18):413-6 (Eng. Abstr.) **(Ger)**

[Progonoma or neuroectodermal melanotic tumor of infancy (NMTI)] Bubnich F, et al. **Minerva Stomatol** 1985 May-Jun;34(3):515-8 (Eng. Abstr.) **(Ita)**

[Oral manifestations of myeloma] Grulliero A, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):961-6 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Clinical and histopathologic findings in a patient with Gorlin's syndrome. Ramström G, et al. **Arch Otorhinolaryngol** 1985;241(2):157-61

Plexiform ameloblastoma of the maxilla with extension to the skull base. Komisar A. **Head Neck Surg** 1984 Dec; 7(2):172-5

Osteosclerotic plasmacytoma of maxillary bone (orbital floor). Mustoe TA, et al. **J Laryngol Otol** 1984 Sep; 98(9):929-38

Radiographic characteristics of central ossifying fibroma. Eversole LR, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):522-7

Erupted odontoma. Al-Sahhar WF, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):225-6

Hemangioma of bone arising in the maxilla. Stassi J, et al. **Skeletal Radiol** 1984;12(3):187-91

[Differentiation of osteolytic processes of the facial skull using polycyclic tomography] Assmann H, et al. **Radiol Diagn (Berl)** 1984;25(3):275-82 (Eng. Abstr.) **(Ger)**

[Composite odontoma and complex odontoma. Radiologic considerations] Fucci G, et al. **Minerva Stomatol** 1984 Nov-Dec;33(6):957-60 (Eng. Abstr.) **(Ita)**

[Radiological diagnosis of ethmoidomaxillary plate] Fujimaki Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jun; 87(6):674-9 (Eng. Abstr.) **(Jpn)**

RADIOTHERAPY

Oral carcinoma of the upper jaw. Results of radiation treatment. Shibuya H, et al. **Acta Radiol [Oncol]** 1984; 23(5):331-5

[Chronic cerebral injury following radiotherapy for maxillary cancer] Kanazawa H, et al. **Gan No Rinsho** 1984 Oct; 30(13):1611-9 (Eng. Abstr.) **(Jpn)**

SECONDARY

Metastatic neuroblastoma of the jaws. Newland JR, et al. **J Oral Maxillofac Surg** 1985 Jul;43(7):549-53

Choriocarcinoma metastatic to the maxillofacial region. Sesenna E, et al. **J Oral Maxillofac Surg** 1985 Jul; 43(7):543-6

Metastatic breast carcinoma disguised as periapical disease in the maxilla. Spott RJ. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):327-8

Melanoma with metastasis to an apical periodontal cyst. Welch RD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):189-93

[Metastatic malignancy to the maxilla: report of two cases] Mitomo O, et al. **Rinsho Hoshasen** 1985 Jan;30(1):113-6 (Eng. Abstr.) **(Jpn)**

SURGERY

Immediate reconstruction following maxillectomy. Cornah J. **J R Coll Surg Edinb** 1984 Sep;29(5):278-80

[Maxillofacial desmoid tumor--report of 4 cases] Sun JY. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):180-1 **(Chi)**

THERAPY

[Experience treating 30 cases of oromaxillofacial non-Hodgkin's lymphoma] Qiu W. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):78-80, 126 (Eng. Abstr.) **(Chi)**

[Results of multidisciplinary treatment for squamous cell carcinoma of the maxillary antrum] Teshima T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25; 44(11):1383-90 (Eng. Abstr.) **(Jpn)**

[Chemoembolization with cisplatin-microcapsule] Okamoto Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr; 88(4):477-85 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Ultrastructural study of intranuclear tubulo-filaments in a giant cell tumour of bone in a patient with Paget's disease. el-Labban NG. **J Oral Pathol** 1984 Dec;13(6):650-60

Chondromyxoid fibroma of the maxilla. Electron microscopic findings and review of the literature. Damm DD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb; 59(2):176-83

VETERINARY

Ameloblastic odontoma in a dog. Nold JB, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):996-8

MAXILLARY NERVE

CT of perineural tumor extension: pterygopalatine fossa. Curtin HD, et al. **AJR** 1985 Jan;144(1):163-9

ANATOMY & HISTOLOGY

Clinical anatomy of the superior alveolar nerves. Heasman PA. **Br J Oral Maxillofac Surg** 1984 Dec;22(6):439-47

ULTRASTRUCTURE

A quantitative electron microscopic analysis of the infraorbital nerve in the newborn rat. Renehan WE, et al. **Brain Res** 1984 Nov 26;322(2):369-73

MAXILLARY SINUS

Coexistence of aspergillosis and squamous-cell carcinoma in the maxillary sinus proven by preoperative cytology. Tanaka T, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb; 29(1):73-8

Malakoplakia of the maxillary sinus. Nistal M, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):117-21

A dental root in the ostium of the maxillary antrum. Sims AP. **Br J Oral Maxillofac Surg** 1985 Feb;23(1):67-73

Diagnostic ultrasonography in maxillary sinus disease. Fouad H, et al. **J Laryngol Otol** 1984 Sep;98(9):887-94

Co-existing tuberculosis and malignancy in the maxillary sinus. Vrat V, et al. **J Laryngol Otol** 1985 Apr;99(4):397-8

Aspergillosis of the maxillary sinuses in otherwise healthy patients. Meikle D, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):776-9

Maxillary sinus mucocele. Report of an unusual case. Barsley RE, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct; 58(4):499-505

[Endoscopy of the maxillary sinuses] Jelínek R, et al. **Cesk Otolaryngol** 1985 Mar;34(2):79-82 (Eng. Abstr.) **(Cze)**

[Echography as a method for examining the maxillary sinus] Otten FW, et al. **Ned Tijdschr Geneeskd** 1984 Oct 13; 128(41):1941-4 (Eng. Abstr.) **(Dut)**

[Pathogenesis of pneumosinus maxillaris dilatans] Wolfensberger M. **HNO** 1984 Dec;32(12):518-20 (Eng. Abstr.) **(Ger)**

[Aspergillosis of the maxillary sinus] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):233-40 (Eng. Abstr.) **(Ita)**

[Incidence of mucocele of the maxillary sinus depending on the presence of denervated teeth in the jaw] Różyło TK, et al. **Otolaryngol Pol** 1984;38(4):297-302 (Eng. Abstr.) **(Pol)**

[Unusual foreign body of the maxillary sinus] Mukhitdinov ShM. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):87 **(Rus)**

ANALYSIS

[A study on silicon localization in the mucous membrane of chronic maxillary sinusitis] Morita K.

Nippon Jibiinkoka Gakkai Kaiho 1985 Jan;88(1):13-9 (Eng. Abstr.) **(Jpn)**

ANATOMY & HISTOLOGY

Fiberoptic antroscopy. Pogrel MA. **J Oral Maxillofac Surg** 1985 Feb;43(2):139-42

[Clinical anatomy of pterygopalatine fossa] Kikuchi Y. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Sep;87(9):1156-9 **(Jpn)**

BLOOD SUPPLY

The vascular arrangement of the sinus mucosa. A study in rabbits. Kumlien J, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):122-32

Blood flow in the rabbit maxillary sinus mucosa. Measurement with a diffusible and a non-diffusible tracer. Kumlien JA, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb; 99(1-2):144-53

DRUG EFFECTS

Substance P antagonists and mucociliary activity in rabbit. Lindberg S, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jun; 329(4):376-81

[Granulation tumor of the orbit following ointment treatment of the maxillary sinus] Brusis T. **HNO** 1984 Dec; 32(12):511-4 (Eng. Abstr.) **(Ger)**

INJURIES

Maxillary sinus barotrauma--case report and review. Garges LM. **Aviat Space Environ Med** 1985 Aug;56(8):796-802

METABOLISM

Effects of nicotine bitartrate on mucociliary activity. Lindberg S, et al. **Eur J Respir Dis** 1985 Jan;66(1):40-6

MICROBIOLOGY

[Aspergillosis of the maxillary sinus] Kristensen S. **Ugeskr Laeger** 1984 Nov 12;146(46):3547-8 (Eng. Abstr.) **(Dan)**

PATHOLOGY

Chronic ophthalmic Wegener's granulomatosis. Coppeto JR, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):17-25

Pseudocysts and retention cysts of the maxillary sinus. Gardner DG. **Oral Surg Oral Med Oral Pathol** 1984 Nov; 58(5):561-7

[Endoscopy of the maxillary sinus. Diagnostic and therapeutic value in chronic sinusitis] Demard F, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(8):649-52 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

[Evaluation of the clearance of the maxillary sinus using the colored muco-ciliary transport test] Terrier G. **Rev Med Suisse Romande** 1985 Mar;105(3):239-45 **(Fre)**

RADIOGRAPHY

Panoramic zonography in the diagnosis of the maxillary sinus disease. Moilanen A. **Int J Oral Surg** 1984 Oct;13(5):432-6

Mucocoeles of the maxillary antrum. Description, case reports and review of the literature. East D. **J Laryngol Otol** 1985 Jan;99(1):49-56

SURGERY

A retrospective study of treatment of orbital floor fractures with the maxillary sinus approach. Gray LN, et al. **Br J Plast Surg** 1985 Jan;38(1):113-5

Injury to developing canines as a complication of intranasal antrostomy. Report of a case. Barfoed CP, et al. **Int J Oral Surg** 1984 Oct;13(5):445-7

The evaluation of radiotherapy after incomplete surgery in patients with carcinoma of the maxillary sinus. Korzeniowski S, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):505-9

Osteoplastic surgery of the sinus maxillaris--the 'bone lid'-method. Lindorf HH. **J Maxillofac Surg** 1984 Dec; 12(6):271-6

Sublabial antrostomy. Ghosh P. **J Oral Maxillofac Surg** 1985 Feb;43(2):142-5

[Osteoplastic surgery of the maxillary sinus] Faltýnek L. **Cesk Otolaryngol** 1984 Sep;33(5):294-5 (Eng. Abstr.) **(Cze)**

[Treatment and prevention of neuralgiform pains following facial fenestration of the maxillary sinus] Herzog M, et al. **Fortschr Kiefer Gesichtschir** 1985;30:186-8 **(Ger)**

[Treatment of chronic pain conditions as operative sequelae] Müller T, et al. **Fortschr Kiefer Gesichtschir** 1985;30:188-90 **(Ger)**

[Clinico-experimental studies on the prevention of a long-term pain syndrome following maxillary sinus operations] Schüle H. **Fortschr Kiefer Gesichtschir** 1985; 30:183-5 **(Ger)**

[Necrosis of the maxillary bone after the Caldwell-Luc intervention] Politi M, et al. **Minerva Stomatol** 1984 Jul-Aug;33(4):737-41 (Eng. Abstr.) **(Ita)**

[Computed tomography of post-operative maxillary cyst] Kimoto T, et al. **Rinsho Hoshasen** 1984 Jul;29(7):753-6 (Eng. Abstr.) **(Jpn)**

[Inferior meatotomy in diseases of the maxillary sinuses] Ivanović A, et al. **Med Pregl** 1984;37(11-12):515-6 (Eng. Abstr.) **(Scr)**

MAXILLARY SINUS NEOPLASMS see under **PARANASAL SINUS NEOPLASMS**

MAXILLOFACIAL DEVELOPMENT

see related
CEPHALOMETRY

Craniofacial changes in unilateral cleft lip in adults. Smahel Z. **Acta Chir Plast (Prague)** 1984;26(3):129-49

Longitudinal soft-tissue profile changes: a study of three analyses. Bishara SE, et al. **Am J Orthod** 1985 Sep; 88(3):209-23

Facial growth following pharyngeal flap surgery: skeletal assessment on serial lateral cephalometric radiographs. Long RE Jr, et al. **Am J Orthod** 1985 Mar;87(3):187-96

Dentofacial maturation of untreated normals. Sinclair PM, et al. **Am J Orthod** 1985 Aug;88(2):146-56

The accuracy of computerized growth prediction in Class II high-angle cases. Thames TL, et al. **Am J Orthod** 1985 May;87(5):398-405

Australopithecine taxonomy and phylogeny in light of facial morphology. Rak Y. **Am J Phys Anthropol** 1985 Mar; 66(3):281-7

The influence of perennial allergic rhinitis on facial type and a pilot study of the effect of allergy management on facial growth patterns. Sassouni V, et al. **Ann Allergy** 1985 Jun; 54(6):493-7

Maturational sequence of growth in transverse dimensions of head, face and trunk among male Jats of North India. Nath S. **Anthropol Anz** 1985 Mar;43(1):37-40

Cephalometric study of American black children with sickle-cell disease. Shnorhokian HI, et al. **ASDC J Dent Child** 1984 Nov-Dec;51(6):431-3

Craniofacial mesenchyme in morphogenesis and malformation. Symposium, Seattle, Washington, June 19, 1983. **Birth Defects** 1984;20(3):1-144

Craniofacial consequences of connective tissue disorders in mice. Brown KS, et al. **Birth Defects** 1984;20(3):113-36 (30 ref.)

Genetic and epigenetic control of connective tissues in the craniofacial structures. Hall BK. **Birth Defects** 1984; 20(3):1-17 (102 ref.)

Craniofacial development in arthrogryposis (congenital contractures). Hall JG. **Birth Defects** 1984;20(3):99-111

Influence of prenatal jaw function on human facial development. Koskinen-Moffett L, et al. **Birth Defects** 1984;20(3):47-64 (34 ref.)

Craniofacial defects from genetic and teratogen-induced deficiencies in presomite embryos. Sulik KK. **Birth Defects** 1984;20(3):79-98

Four-dimensional facial change. Burke P. **Br J Orthod** 1984 Oct;11(4):170-84

A comparison of craniofacial growth in normal and cleft palate rhesus monkeys. Siegel MI, et al. **Cleft Palate J** 1985 Jul;22(3):192-6

Maxillary dental arch growth in different types of cleft. Wada T, et al. **Cleft Palate J** 1984 Jul;21(3):180-92

Nasal airway obstruction and facial development. Shapiro GG, et al. **Clin Rev Allergy** 1984 Aug;2(3):225-35 (31 ref.)

Facial height and breadth relative to dietary consistency and oral breathing in two populations (North India and U.S.). Corruccini RS, et al. **Hum Biol** 1985 May;57(2):151-61

Effect of fetal age in cephalofacial measurements. Annapurna V, et al. **Indian Pediatr** 1984 Apr;21(4):307-12

Facts that every mother should know when choosing an artificial nursing system for her child. Garliner D. **Int J Orthod** 1984 Dec;22(4):18-20

Faces: impaired craniofacial growth and dyslexia. Malkin DP. **Int J Orthod** 1985 Spring;23(1-2):20-6 (77 ref.)

Genetic variation and craniofacial growth in inbred rats. Nonaka K, et al. **J Craniofac Genet Dev Biol** 1984; 4(4):271-302

The effect of Class II elastic forces on craniofacial growth in rats. Bakker VM, et al. **J Dent Res** 1985 Jan;64(1):44-7

The influence of age at operation for clefts on the development of the jaws. Blijdorp P, et al. **J Maxillofac Surg** 1984 Oct;12(5):193-200

The role of the mandibular condyle in the facial growth. Kantomaa T. **Proc Finn Dent Soc** 1984;80 Suppl 9-11:1-57

Effect of post-surgical jaw-orthopaedic treatment in unilateral cleft lip and palate patients. Lennartsson B, et al. **Scand J Plast Reconstr Surg** 1984;18(2):227-31

The testing of an allometric center model of craniofacial growth. Moss ML, et al. **Z Morphol Anthropol** 1984; 74(3):295-313

[Influence of palatoplasty on the maxillary development of cleft palate patients] Yao LH. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):72-4, 125-6 (Eng. Abstr.) **(Chi)**

[Changes in the face in unilateral aplasia of the external ear] Smahel Z, et al. **Cesk Otolaryngol** 1985 Mar;34(2):83-91 (Eng. Abstr.) **(Cze)**

[Craniofacial changes in unilateral aplasia of the ear (radiographic study)] Smahel Z. **Cesk Otolaryngol** 1985 Jun;34(3):176-87 (Eng. Abstr.) **(Cze)**

[Role of the mandibular condyle in facial growth] Kantomaa T. **Proc Finn Dent Soc** 1985;81(2):111-2 (Eng. Abstr.) **(Fin)**

[Growth of the visceral cranium in relation to the menarche--a teleroentgenological study] Witt E, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):504-7 (Eng. Abstr.) **(Ger)**

[Bone and soft tissue profile changes following headgear and activator therapy] Jonas I. **Fortschr Kieferorthop** 1984 Oct; 45(5):335-47 (Eng. Abstr.) **(Ger)**

[Incisor position and soft tissue profile--an experimental study] Speth L, et al. **Fortschr Kieferorthop** 1984 Oct; 45(5):360-72 (Eng. Abstr.) **(Ger)**

[Cephalometric study of no anomaly showing, well compensated hyper- and hypodivergent cases] Ulgen M. **Fortschr Kieferorthop** 1984 Oct;45(5):348-59 (Eng. Abstr.) **(Ger)**

[The change of craniofacial growth of 2 patients with achondroplasia] Funaki J, et al. **Kokubyo Gakkai Zasshi** 1984 Sep;51(3):551-61 (Eng. Abstr.) **(Jpn)**

[Effect of operations on the maxillary sinuses in children on the development of facial soft tissue and bone] Brzezińska H, et al. **Otolaryngol Pol** 1985;39(1):33-7 (Eng. Abstr.) **(Pol)**

[Analysis by radiographic cephalometry and molding of the surgical treatment and oromaxillary care in cleft lip and cleft palate] Lodovici O, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug; 39(4):133-40 (Eng. Abstr.) **(Por)**

[Relations of the shape of the face, jaws, tooth reduction and the incidence of caries] Distel' VA, et al. **Stomatologiia (Mosk)** 1985 Mar-Apr;64(2):19-20 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Acquired craniofacial features associated with chronic phenytoin therapy. Johnson JP. **Clin Pediatr (Phila)** 1984 Dec;23(12):671-4

MAXILLOFACIAL INJURIES

CLASSIFICATION

Computed tomography in facial bone fractures: Le Fort classification. Tirman RM, et al. **J Arkansas Med Soc** 1984 Oct;81(5):278-83

[A new physiological scale for assessing posttraumatic disability in stomatology] Pasturel A, et al. **Rev Stomatol Chir Maxillofac** 1984;85(5):444-8 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Syndrome of inappropriate antidiuretic hormone secretion associated with maxillofacial trauma. Gingrass DJ, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):626-9

The syndrome of inappropriate secretion of antidiuretic hormone in the maxillofacial trauma patient. Lieblich SE, et al. **Oral Surg Oral Med Oral Pathol** 1985 May; 59(5):460-2

DIAGNOSIS

Maxillofacial injuries. Manson PN. **Emerg Med Clin North Am** 1984 Nov;2(4):761-82

Comparison of the diagnostic methods used in maxillofacial trauma. Finkle DR, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):32-41

[Diagnosis and therapy of maxillofacial injuries in children] Schwenzer N. **Dtsch Zahnarztl Z** 1984 Jun;39(6):425-9 (Eng. Abstr.) **(Ger)**

[Experience in using the determination of bone alkaline phosphatase in diseases of the maxillofacial area] Kulikova VS, et al. **Vestn Akad Med Nauk SSSR** 1984;(12):63-5 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Civilian maxillo-facial gunshot injuries. Walker RV, et al. **Int J Oral Surg** 1984 Aug;13(4):263-77

OCCURRENCE

Complex maxillo-facial injuries in Singapore. Fong PH, et al. **Singapore Med J** 1984 Dec;25(6):408-11

[Maxillofacial and related injuries--an analysis of 1,297 cases] Chang YL, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Oct; 83(10):1028-34 (Eng. Abstr.) **(Chi)**

[Maxillofacial injuries in sports practice: the martial arts] Borgogna E, et al. **Minerva Stomatol** 1984 Jul-Aug; 33(4):743-5 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Selective emergency arteriography in cases of penetrating maxillofacial trauma. Kreutz RW, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):18-22

SURGERY

Anesthesia in head and neck surgery. Head and neck cancer surgery and maxillofacial trauma. Manson PN, et al. **Clin Plast Surg** 1985 Jan;12(1):115-22 (5 ref.)

[Early resection and paring of crust and skin grafts in deep burns of the maxillofacial region] Zhao YS. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Mar;19(1):37-8 **(Chi)**

[Submaxillo-cervical scar contracture reconstruction with scapular free skin flaps] Chen MY, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):41-2 (Eng. Abstr.) **(Chi)**

[Maxillofacial injuries in war time] Ihrai H, et al. **Maroc Med** 1985 Mar;7(1):409-13 **(Fre)**

[Ambulatory maxillofacial surgery] Chausse JM. **Schweiz Rundsch Med Prax** 1985 Jul 9;74(28):763-4 (Eng. Abstr.) **(Fre)**

[Extent and character of medical services in combined injuries of the maxillo-facial area] Slepchenko MA, et al. **Vestn Khir** 1985 Jan;134(1):140-1 **(Rus)**

[Complications of general anesthesia after surgery for injuries and diseases of the maxillo-facial area] Aleksandrov NM, et al. **Voen Med Zh** 1984 Nov;(11):26-8 **(Rus)**

THERAPY

Early treatment of facial trauma. Boyne PJ. **Postgrad Med** 1985 Apr;77(5):99-102, 106-11

[Use of 6-methylprednisolone in maxillofacial surgery] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr; 34(2):313-5 (Eng. Abstr.) **(Ita)**

MAXILLOFACIAL PROSTHESIS

Maxillofacial prosthetics and the head and neck cancer patient. Schaaf NG. **Cancer** 1984 Dec 1;54(11 Suppl):2682-90

A quick method for processing MDX-4-4210 silicone rubber. Draper J, et al. **J Prosthet Dent** 1984 Sep;52(3):450-2

Effective measures to reduce xylene exposure. Engelmeier RL. **J Prosthet Dent** 1985 Apr;53(4):564-5

Acetic acid vapor levels associated with facial prosthetics. McElroy TH, et al. **J Prosthet Dent** 1985 Jan;53(1):86-7

Mandibular positioning prosthesis for the partially resected mandibulectomy patient. Martin JW, et al. **J Prosthet Dent** 1985 May;53(5):678-80

Sectional prostheses connected by samarium-cobalt magnets. Sasaki H, et al. **J Prosthet Dent** 1984 Oct;52(4):556-8

A metal-faced casting resin mold for facial prostheses. Sooudi I, et al. **J Prosthet Dent** 1984 Oct;52(4):554-5

Mechanical properties of a new facial prosthetic material. Wolfaardt JF, et al. **J Prosthet Dent** 1985 Feb;53(2):228-34

Cranial and maxillofacial epithesis treatment on osseointegrated implants: concept and principles. Yontchev E. **J Prosthet Dent** 1985 Apr;53(4):552-3

[Evaluation of the use of microsurgical technics in oral and maxillofacial surgery] Qiu WL. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):143-6 **(Chi)**

[Value of immediate prosthetic technics in hemiresections of the face] Rigaud A, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(6):451-4 (Eng. Abstr.) **(Fre)**

[Hydroxyapatite ceramics as artificial bone] Yamazaki Y. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):735 **(Jpn)**

STANDARDS

[Physicochemical stability of colors used inside of the maxillofacial prosthesis] Taniguchi H. **Kokubyo Gakkai Zasshi** 1984 Dec;51(4):740 **(Jpn)**

MAXIMAL EXPIRATORY FLOW RATE see under **FORCED EXPIRATORY FLOW RATES**

MAXIMAL EXPIRATORY FLOW-VOLUME CURVES see under **FORCED EXPIRATORY FLOW RATES**

MAXIMAL MIDEXPIRATORY FLOW RATE see under **FORCED EXPIRATORY FLOW RATES**

MAXIMAL VOLUNTARY VENTILATION see under **RESPIRATORY AIRFLOW**

MAXIMUM PERMISSIBLE EXPOSURE LEVEL see under **ENVIRONMENTAL EXPOSURE**

MAYTANSINE see under **OXAZINES**

MAZINDOL see under **INDOLES**

MCN A 343 see under **AMMONIUM COMPOUNDS**

MCPA see under **GLYCOLATES**

MEA I see **NEOPLASMS, MULTIPLE ENDOCRINE**

MEA II see **NEOPLASMS, MULTIPLE ENDOCRINE**

MEA III see **NEOPLASMS, MULTIPLE ENDOCRINE**

MEALS ON WHEELS see **FOOD SERVICES**

MEALWORM see **TENEBRIO**

MEASLES

Diarrhoeal disease associated with measles in infants and children. Nasution IK, et al. **Paediatr Indones** 1984 May-Jun;24(5-6):104-9

Measles in young adults. The case for vigorous pursuit of immunization. Amler RW, et al. **Postgrad Med** 1985 Jan; 77(1):251-8, 261

BLOOD

Changes in plasma IgE levels during complicated and uncomplicated measles virus infections. Griffin DE, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):206-13

Decreased oxygen radical generation by neutrophils from patients with measles presumably owing to activation of suppressor T lymphocytes. Niwa Y, et al. **J Clin Microbiol** 1985 Mar;21(3):318-22

COMPLICATIONS

Serum amyloid P-component as a marker of liver involvement in measles infection. Levo Y, et al. **Am J Gastroenterol** 1985 May;80(5):391-2

Rubeola retinopathy and pigmented paravenous retinochoroidal atrophy. Foxman SG, et al. **Am J Ophthalmol** 1985 May 15;99(5):605-6

Induction of chronic measles encephalitis in C57BL/6 mice. Chan SP. **J Gen Virol** 1985 Sep;66 (Pt 9):2071-6

Measles virus infection without rash in childhood is related to disease in adult life. Rønne T. **Lancet** 1985 Jan 5; 1(8419):1-5

Possible association of measles virus infection with rheumatic fever [letter] Rowe PC. **N Engl J Med** 1985 Aug 29; 313(9):580-1

The effect of maternal measles on the fetus. Gazala E, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):203-4

Measles and blindness [letter] Van Reken D. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):214-5

[Viral arthritis in children] Mukamel M, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):661-4 (Eng. Abstr.) **(Fre)**

[Acute leukoencephalitis of measles. Apropos of 10 cases] Oriot D, et al. **Pediatrie** 1985 Jan-Feb;40(1):41-7 (Eng. Abstr.) **(Fre)**

[Delayed encephalitic complication of measles with maculopathy in an adult (letter)] Delangre T, et al. **Presse Med** 1985 May 4;14(18):1038-9 **(Fre)**

[Incidence of fetal damage after the 1978-79 measles epidemic in northeastern Hungary] Lehel F, et al. **Orv Hetil** 1984 Nov 18;125(47):2863-70 (Eng. Abstr.) **(Hun)**

[Autoimmune hemolytic anemia in the course of measles] Losada A, et al. **An Esp Pediatr** 1985 Feb;22(2):166-8 **(Spa)**

DIAGNOSIS

Delayed diagnosis in atypical measles syndrome. Henderson JA, et al. **Can Med Assoc J** 1985 Aug 1;133(3):211-3

Vaccination of college students with attenuated live measles vaccine [letter] Mitus A. **N Engl J Med** 1985 May 16; 312(20):1326

[Atypical measles pneumonia in a young adult female] Araya Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):920-4 (Eng. Abstr.) **(Jpn)**

[Measles in adults] Cheremukhina AN, et al. **Sov Med** 1985; (4):104-6 **(Rus)**

[Lesions of the central nervous system in measles] Predenia VA, et al. **Sov Med** 1984;(9):90-2 **(Rus)**

[Diagnosis of measles in the outpatient polyclinic service] Zhernakova TV, et al. **Ter Arkh** 1985;57(1):99-101 **(Rus)**

[Clinical picture and pathogenesis of measles encephalitis and meningoencephalitis] Gavura VV. **Zh Nevropatol Psikhiatr** 1985;85(2):177-80 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Possible interferon response in a child with measles encephalitis during immunosuppression. Simpson R, et al. **Scand J Infect Dis** 1984;16(3):315-9

[Effect of cimetidine on the course of measles] Tuncer AM, et al. **Mikrobiyol Bul** 1985 Jan;19(1):1-8 (Eng. Abstr.) **(Tur)**

ECONOMICS

Benefits, risks and costs of immunization for measles, mumps and rubella. White CC, et al. **Am J Public Health** 1985 Jul;75(7):739-44

[Economic effect of vaccination against measles in Czechoslovakia] Skovránková J. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun;34(4):227-33 (Eng. Abstr.) **(Cze)**

ETIOLOGY

Slow development of measles virus (Edmonston strain) infection in the brain of nude mice. Ohuchi R, et al. **Microbiol Immunol** 1984;28(7):757-64

FAMILIAL & GENETIC

Sister chromatid exchange and mitotic index of cultured lymphocytes in patients with measles. Pandita TK, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):145-7

IMMUNOLOGY

Costs of not eradicating measles [editorial] Hinman AR, et al. **Am J Public Health** 1985 Jul;75(7):713-4

Identification and immunization of medical students susceptible to measles and rubella: a nationwide survey. Murray DL, et al. **Am J Public Health** 1985 May; 75(5):556-7

Persistent viral infection affects tumorigenicity of a neuroblastoma cell line. Schattner A, et al. **Cell Immunol** 1985 Jan;90(1):103-14

Measles encephalitis. Johnson RT, et al. **Clin Exp Neurol** 1983;19:13-6

Cytotoxic lymphocytes generated in vivo with acute measles virus infection. Sissons JG, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):60-8

Sequential development of platelet, neutrophil and red cell autoantibodies associated with measles infection. Chapman JF, et al. **Clin Lab Haematol** 1984;6(3):219-28

Measles immunity in children before one year of age: a pilot study. Tadese T, et al. **Ethiop Med J** 1985 Jan;23(1):17-20

Enzyme immunoassay versus plaque neutralization and other methods for determination of immune status to measles and varicella-zoster viruses and versus complement fixation for serodiagnosis of infections with those viruses. Cremer NE, et al. **J Clin Microbiol** 1985 Jun;21(6):869-74

Antineurofilament antibody: an increased incidence in murine chronic measles encephalitis and the use of rat sciatic nerve sections as substratum. Chan SP. **J Neuroimmunol** 1985 Aug;9(3-4):243-51

Low molecular weight measles immunoglobulin M in subacute sclerosing panencephalitis and acute measles. Connolly JH, et al. **Postgrad Med J** 1985 May; 61(715):407-10

[Critical titre of hemagglutination inhibition antibodies in apparent measles infection] Li JH. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):7-8 (Eng. Abstr.) **(Chi)**

[The clinical and epidemiological features of mild measles] Pei FX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Jun;5(3):172-5 (Eng. Abstr.) **(Chi)**

[Immune status for poliomyelitis, rubella and measles of the Dutch population 10 years or older in 1980; a serological study] Conyn-van Spaendonck MA, et al. **Ned Tijdschr Geneeskd** 1984 Oct 6;128(40):1884-7 (Eng. Abstr.) **(Dut)**

[Serological survey of measles in children from 5 to 15 months of age in Curitiba and São José dos Pinhais, State of Paraná, Brazil, 1983] Rodriguez MA, et al. **Rev Saude Publica** 1984 Dec;18(6):421-8 (Eng. Abstr.) **(Por)**

[Immunological effectiveness of a booster inoculation against measles in children remaining seronegative after vaccination] Bolomovskii VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):100-6 (Eng. Abstr.) **(Rus)**

[Anti-measles antibodies in the first 2 years of life] Echevarría JM, et al. **An Esp Pediatr** 1984 Jun;20(9):847-53 (Eng. Abstr.) **(Spa)**

[Immune status of the population to poliomyelitis, measles and rubella. Chile, 1983] Schuster A, et al. **Bol Of Sanit Panam** 1984 Aug;97(2):165-8 **(Spa)**

MICROBIOLOGY

[Characteristics of cell cultures persistently infected with the measles virus] Koptiaeva IB. **Vopr Virusol** 1985 Mar-Apr; 30(2):134-8 (47 ref.) **(Rus)**

MORTALITY

Analysis of the secular trend and seasonal variation of measles mortality rate in Taiwan. Chen CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):136-41

Malumfashi Endemic Diseases Research Project, XXI. Pointers to causes of death in the Malumfashi area, northern Nigeria. Bradley AK, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):265-71

Deaths from measles in England and Wales, 1970-83. Miller CL. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):443-4

Sudden death in measles and its relationship to serum enzyme and electrocardiographic changes. Wooldridge MA. **J Trop Pediatr** 1985 Jun;31(3):160-2

OCCURRENCE

Continuing measles transmission in students despite school-based outbreak control program. Wassilak SG, et al. **Am J Epidemiol** 1985 Aug;122(2):208-17

Imported measles outbreak in a university. Narain JP, et al. **Am J Public Health** 1985 Apr;75(4):397-8

Measles in Ghana--1973-1982. Commey JO, et al. **Ann Trop Paediatr** 1984 Sep;4(3):189-94

Investigation of a measles outbreak in Brazil's Federal District. **Bull Pan Am Health Organ** 1984;18(4):397-400

Measles in Canada--update. Varughese P. **Can Med Assoc J** 1985 Mar 1;132(5):539

The efficiency of measles and pertussis notification in England and Wales. Clarkson JA, et al. **Int J Epidemiol** 1985 Mar;14(1):153-68

The force of measles infection in East Africa. Remme J, et al. **Int J Epidemiol** 1984 Sep;13(3):332-9

A measles outbreak in the Israel Defense Forces during the 1982 epidemic. Matzkin H, et al. **Isr J Med Sci** 1985 Apr; 21(4):351-5

An epidemiological investigation of measles outbreak in Alwar--Rajasthan. Sharma RS, et al. **J Commun Dis** 1984 Dec;16(4):299-303

Nearly one dimensional dynamics in an epidemic. Schaffer WM, et al. **J Theor Biol** 1985 Jan 21;112(2):403-27

Leads from the MMWR. Measles--Puerto Rico. **JAMA** 1985 Apr 26;253(16):2345-6, 2348

Leads from the MMWR. Measles on college campuses--United States, 1985. **JAMA** 1985 Sep 13; 254(10):1296-7

Leads from the MMWR. Measles--United States, first 39 weeks, 1983. **JAMA** 1985 Jan 4;253(1):23

Leads from the MMWR. Measles--Hawaii. **JAMA** 1985 Jan 25;253(4):484

Leads from the MMWR. Multiple measles outbreaks on college campuses--Ohio, Massachusetts, Illinois. **JAMA** 1985 Apr 5;253(13):1853, 1857

Measles in an immunized school-aged population--New Mexico. **MMWR** 1985 Feb 1;34(4):52-4, 59

Measles--North America, 1984. **MMWR** 1985 Jun 21; 34(24):366-70

Measles--United States, 1984. **MMWR** 1985 May 31; 34(21):308-12

Measles on college campuses--United States, 1985. **MMWR** 1985 Jul 26;34(29):445-9

Measles--New Hampshire. **MMWR** 1984 Oct 5; 33(39):549-54, 559

Measles outbreak--New York City. **MMWR** 1984 Oct 19; 33(41):580, 585-6

Measles--Hawaii. **MMWR** 1984 Dec 21;33(50):702, 707-11

Measles--United States, first 39 weeks, 1984. **MMWR** 1984 Dec 7;33(48):673-6

Measles on a college campus--Ohio. **MMWR** 1985 Feb 22; 34(7):89-90

Reported measles cases--United States, past 4 weeks. **MMWR** 1985 Apr 12;34(14):200

Multiple measles outbreaks on college campuses--Ohio, Massachusetts, Illinois. **MMWR** 1985 Mar 15;34(10):129-30

Measles--Puerto Rico. **MMWR** 1985 Mar 29;34(12):169-72

Measles--past, present, and future [editorial] Levy D. **NY State J Med** 1984 Oct;84(10):483-4

Measles outbreak in a day nursery. Mankazana EM. **Public Health** 1985 May;99(3):165-8

Measles transmission in medical facilities. Dales LG, et al. **West J Med** 1985 Mar;142(3):415-6

[Sero-epidemiology of measles in Shijiazhuang District after a planned 9-year immunization program] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):1-3 (Eng. Abstr.) **(Chi)**

[Measles throughout the world] Gateff C. **Med Trop (Mars)** 1985 Jan-Mar;45(1):19-25 (Eng. Abstr.) **(Fre)**

[Measles 1982] Naruszewicz-Lesiuk D. **Przegl Epidemiol** 1984;38(2):99-106 **(Pol)**

[Epidemiological study of measles in Spain from 1949 to 1980, with special reference to Andalusia] Rodríguez Borrego MJ, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jul-Aug; 58(7-8):645-73 (Eng. Abstr.) **(Spa)**

PATHOLOGY

[Atypical measles] Dereume JL, et al. **Dermatologica** 1985; 170(6):280-5 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Major impediments to measles elimination. The modern epidemiology of an ancient disease. Frank JA Jr, et al. **Am J Dis Child** 1985 Sep;139(9):881-8

Measles reimmunization in children immunized before 1 year of age. Lampe RM, et al. **Am J Dis Child** 1985 Jan; 139(1):33-5

Measles reimmunization [letter] Wilkins J, et al. **Am J Dis Child** 1985 Sep;139(9):857-8

Age of measles vaccination [letter] Brewster D. **Ann Trop Paediatr** 1985 Mar;5(1):53

Separating the factors in measles vaccine failure. Ekunwe EO. **Ann Trop Paediatr** 1985 Jun;5(2):103-6

Measles and age of vaccination. Al-Kandari S, et al. **Ann Trop Paediatr** 1984 Jun;4(2):107-11

Children not immunised for measles [letter] **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1902-3

Measles immunisation: profit and loss in a general practice. Binnie GA. **Br Med J [Clin Res]** 1984 Nov 10; 289(6454):1275-6

Measles matters, but do parents know? Blair S, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):623-4

Measles immunisation: results of a local programme to increase vaccine uptake. Carter H, et al. **Br Med J [Clin Res]** 1985 Jun 8;290(6483):1717-9

Measles matters [letter] Gill D. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):936

Study of children not immunised for measles. Kemple T. **Br Med J [Clin Res]** 1985 May 11;290(6479):1395-6

What can we do about measles? [editorial] Noah ND. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1476

Scandinavian model for eliminating measles, mumps, and rubella. Rabo E, et al. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1402-4

Measles elimination--identification of the unimmunized child. Stead S, et al. **Can J Public Health** 1984 Jul-Aug; 75(4):266-8

Optimal age for vaccinating Zimbabwean children against measles. Mhere OT, et al. **Cent Afr J Med** 1984 Nov; 30(11):209-11

Optimal age for vaccinating Zimbabwean children against measles. 1. Maternal and transplacentally transmitted measles antibodies in infancy. Mhere OT, et al. **Cent Afr J Med** 1984 Oct;30(10):187-9

Vaccination of seropositive children against measles in Tanzania: boosting of antibody titres or a statistical artifact. Mandara MP, et al. **East Afr Med J** 1985 Jan;62(1):12-20

Measles vaccine--feasibility, efficacy and complication rates in a multicentric study. Basu RN. **Indian J Pediatr** 1984 Mar-Apr;51(409):139-43

A few observations on measles immunisation programme. Basu M, et al. **Indian J Public Health** 1984 Jul-Sep; 28(3):159-62

Measles: current status and outbreak control on campus. Amler RW, et al. **J Am Coll Health** 1984 Oct;33(2):64-6

Planning, implementing, and evaluating college-based immunization programs. Barid SJ, et al. **J Am Coll Health** 1984 Oct;33(2):73-5

Measles and rubella immunity: a new requirement. Dorman JM, et al. **J Am Coll Health** 1984 Oct;33(2):81-3

University of Iowa mass immunization program. Feldick HG. **J Am Coll Health** 1984 Oct;33(2):84-6

The exclusion or eradication of measles: cost-beneficial for whom? [letter] **JAMA** 1985 Sep 20;254(11):1450-1

Measles vaccination in children attending day-care centres [letter] Manshande JP. **Lancet** 1985 Sep 21;2(8456):676

Immunisation of 4-6 month old Gambian infants with Edmonston-Zagreb measles vaccine. Whittle HC, et al. **Lancet** 1984 Oct 13;2(8407):834-7

Mumps/measles immunization [letter] Henry RL, et al. **Med J Aust** 1985 Aug 5;143(3):129

Measles and subacute sclerosing panencephalitis. An argument for intensified vaccination in Australia [editorial] Robbins SJ. **Med J Aust** 1984 Sep 15;141(6):325-7

Measles in colleges [letter] Dorman JM. **N Engl J Med** 1985 Jul 25;313(4):267

Measles--forgotten but not gone [editorial] Katz S. **N Engl J Med** 1985 Aug 29;313(9):577-8

Measles vaccine not just for children anymore [letter] Tweedy CR, et al. **N Engl J Med** 1985 May 2;312(18):1198

Measles control: so near and yet so far. Mitchell CD, et al. **Prog Med Virol** 1985;31:1-42 (110 ref.)

Vaccination against measles and other viral diseases. Dunlop JM. **Public Health** 1985 May;99(3):137-40

Antimeasles vaccination by natural routes--experimental background and practical consequences. Cernescu C, et al. **Virologie** 1984 Oct-Dec;35(4):259-71

Immunization for measles [letter] Bader M. **West J Med** 1985 Jul;143(1):111

[Measles: only vaccinate or vaccinate too? (editorial)] Van Lerberghe W. **Ann Soc Belg Med Trop** 1984 Jun;64(2):121-3 **(Fre)**

[Efficacy of measles vaccination in young malnourished African children] Monjour L, et al. **Bull Soc Pathol Exot Filiales** 1984 May-Jun;77(3):271-7 (Eng. Abstr.) **(Fre)**

[Measles vaccination in the Sudan-Sahel region of Africa. Absence of the immunodepressive effect of malaria] Monjour L, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):232-5 (Eng. Abstr.) **(Fre)**

[Recent results in the immunological prevention of measles] Tacconi L, et al. **Nuovi Ann Ig Microbiol** 1984 May-Jun; 35(3):233-45 (Eng. Abstr.) **(Ita)**

[Vaccination against measles] Cocchi P, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):5-11 (Eng. Abstr.) **(Ita)**

[Basis of the changes in vaccination schedule and rules of the State of São Paulo--1984 (measles, diphtheria, whooping cough and tetanus)] de Almeida MM, et al. **Rev Paul Med** 1984 Jul-Aug;102(4):177-80 **(Por)**

[Current problems in measles. II. Measles vaccines--recent progress] Ciufecu E. **Rev Ig [Bacteriol]** 1984 Jul-Sep; 29(3):259-78 (116 ref.) (Eng. Abstr.) **(Rum)**

[Causes of irregularities in measles vaccination schedules and the organization of preventive measures] Ignatov SA, et al. **Vrach Delo** 1985 May;(5):115-8 (Eng. Abstr.) **(Rus)**

[Effectiveness of the selective revaccination of schoolchildren against measles] Fel'dman EV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):30-4 (Eng. Abstr.) **(Rus)**

[Live vaccines against influenza and measles] Smorodintsev AA. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):33-7 (Eng. Abstr.) **(Rus)**

[Cost-benefit analysis of a national immunization program against measles in Mexico] Vargas Flores LA, et al. **Salud Publica Mex** 1984 Jul-Aug;26(4):373-80 (Eng. Abstr.) **(Spa)**

TRANSMISSION

Forecasting epidemic pathways for measles in Iceland: the use of simultaneous equation and logit models. Cliff AD, et al. **Ecol Dis** 1983;2(4):377-96

Introduction of measles into a highly immunised West African community: the role of health care institutions. Aaby P, et al. **J Epidemiol Community Health** 1985 Jun; 39(2):113-6

Age-related changes in the rate of disease transmission: implications for the design of vaccination programmes. Anderson RM, et al. **J Hyg (Lond)** 1985 Jun;94(3):365-436

Airborne transmission of measles in a physician's office. Remington PL, et al. **JAMA** 1985 Mar 15;253(11):1574-7

Measles outbreak in a pediatric practice: airborne transmission in an office setting. Bloch AB, et al. **Pediatrics** 1985 Apr;75(4):676-83

MEASLES, GERMAN see RUBELLA

MEASLES VACCINE

Separating the factors in measles vaccine failure. Ekunwe EO. **Ann Trop Paediatr** 1985 Jun;5(2):103-6

Measles matters [letter] Gill D. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):936

Optimal age for vaccinating Zimbabwean children against measles. 1. Maternal and transplacentally transmitted measles antibodies in infancy. Mhere OT, et al. **Cent Afr J Med** 1984 Oct;30(10):187-9

A few observations on measles immunisation programme. Basu M, et al. **Indian J Public Health** 1984 Jul-Sep; 28(3):159-62

Mumps/measles immunization [letter] Henry RL, et al. **Med J Aust** 1985 Aug 5;143(3):129

Measles vaccine not just for children anymore [letter] Tweedy CR, et al. **N Engl J Med** 1985 May 2;312(18):1198

Immunization for measles [letter] Bader M. **West J Med** 1985 Jul;143(1):111

[Serological survey of measles in children from 5 to 15 months of age in Curitiba and São José dos Pinhais, State of Paraná, Brazil, 1983] Rodriguez MA, et al. **Rev Saude Publica** 1984 Dec;18(6):421-8 (Eng. Abstr.) **(Por)**

[Live vaccines against influenza and measles] Smorodintsev AA. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):33-7 (Eng. Abstr.) **(Rus)**

[Cost-benefit analysis of a national immunization program against measles in Mexico] Vargas Flores LA, et al. **Salud Publica Mex** 1984 Jul-Aug;26(4):373-80 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

Continuing measles transmission in students despite school-based outbreak control program. Wassilak SG, et al. **Am J Epidemiol** 1985 Aug;122(2):208-17

Age of measles vaccination [letter] Brewster D. **Ann Trop Paediatr** 1985 Mar;5(1):53

Optimal age for vaccinating Zimbabwean children against measles. Mhere OT, et al. **Cent Afr J Med** 1984 Nov; 30(11):209-11

Management information in the National Health Service: the use of the child-health computer system. Scrivens E. **Community Med** 1984 Nov;6(4):299-305

Vaccination of seropositive children against measles in Tanzania: boosting of antibody titres or a statistical artifact. Mandara MP, et al. **East Afr Med J** 1985 Jan;62(1):12-20

Measles vaccine--feasibility, efficacy and complication rates in a multicentric study. Basu RN. **Indian J Pediatr** 1984 Mar-Apr;51(409):139-43

Mixing measles vaccine with DPT and DPTP [letter] John TJ, et al. **Lancet** 1985 May 18;1(8438):1154

Intranasal administration of chick embryo fibroblast Edmonston-Zagreb measles vaccine [letter] Vlatkovic R, et al. **Lancet** 1985 Mar 2;1(8427):520

Immunisation of 4-6 month old Gambian infants with Edmonston-Zagreb measles vaccine. Whittle HC, et al. **Lancet** 1984 Oct 13;2(8407):834-7

Measles and subacute sclerosing panencephalitis. An argument for intensified vaccination in Australia [editorial] Robbins SJ. **Med J Aust** 1984 Sep 15;141(6):325-7

Antimeasles vaccination by natural routes--experimental background and practical consequences. Cernescu C, et al. **Virologie** 1984 Oct-Dec;35(4):259-71

[Measles vaccination in the Sudan-Sahel region of Africa. Absence of the immunodepressive effect of malaria] Monjour L, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):232-5 (Eng. Abstr.) **(Fre)**

[Causes of irregularities in measles vaccination schedules and the organization of preventive measures] Ignatov SA, et al. **Vrach Delo** 1985 May;(5):115-8 (Eng. Abstr.) **(Rus)**

[Immunological effectiveness of a booster inoculation against measles in children remaining seronegative after vaccination] Bolomovskiĭ VM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):100-6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Vaccination of college students with attenuated live measles vaccine [letter] Mitus A. **N Engl J Med** 1985 May 16; 312(20):1326

IMMUNOLOGY

Antibody response to measles immunization in India. Job JS, et al. **Bull WHO** 1984;62(5):737-41

An experience with measles vaccine. Gupta BP, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):403-5

Vaccination against measles, mumps and rubella (MMR): a comparison between the antibody responses at the ages of 18 months and 12 years and between different methods of antibody titration. Christenson B, et al. **J Biol Stand** 1985 Apr;13(2):167-72

Response to measles vaccine in Haitian infants 6 to 12 months old. Influence of maternal antibodies, malnutrition, and concurrent illnesses. Halsey NA, et al. **N Engl J Med** 1985 Aug 29;313(9):544-9

Mass vaccination programme aimed at eradicating measles, mumps and rubella in Sweden: vaccination of schoolchildren. Böttiger M, et al. **Vaccine** 1985 Jun; 3(2):113-6

[Sero-epidemiology of measles in Shijiazhuang District after a planned 9-year immunization program] **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):1-3 (Eng. Abstr.) **(Chi)**

[Status of immunization of ten-year-olds against poliomyelitis, diphtheria, tetanus, pertussis, measles and mumps] Schmitt L. **Off Gesundheitswes** 1984 Oct; 46(10):494-6 **(Ger)**

[Serological survey of measles in children from 5 to 15 months of age in Curitiba and São José dos Pinhais, State of Paraná, Brazil, 1983] Rodriguez MA, et al. **Rev Saude Publica** 1984 Dec;18(6):421-8 (Eng. Abstr.) **(Por)**

[Current problems in measles. II. Measles vaccines--recent progress] Ciufecu E. **Rev Ig [Bacteriol]** 1984 Jul-Sep; 29(3):259-78 (116 ref.) (Eng. Abstr.) **(Rum)**

THERAPEUTIC USE

Hodgkin's disease: therapeutic role of measles vaccine [letter] Zwitter M. **Am J Med** 1984 Dec;77(6):A49, A52, A64

Field trial of a heat-stable measles vaccine in Papua New Guinea. Climie A, et al. **J Trop Med Hyg** 1984 Dec; 87(6):249-55

Measles control: so near and yet so far. Mitchell CD, et al. **Prog Med Virol** 1985;31:1-42 (110 ref.)

Measles outbreak in a day nursery. Mankazana EM. **Public Health** 1985 May;99(3):165-8

[A compound catalytic model with both simple and reversible types and its applications in disease surveillance] Zhang YX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):115-8 (Eng. Abstr.) **(Chi)**

[Treatment of Paget's disease by anti-measles vaccination and high dose etidronate (letter)] Renier JC, et al. **Presse Med** 1985 Jun 29;14(26):1430 **(Fre)**

[Recent results in the immunological prevention of measles] Tacconi L, et al. **Nuovi Ann Ig Microbiol** 1984 May-Jun; 35(3):233-45 (Eng. Abstr.) **(Ita)**

MEASLES VIRUS

ANALYSIS

A double labeling technique for performing immunocytochemistry and in situ hybridization in virus infected cell cultures and tissues. Gendelman HE, et al. **J Virol Methods** 1985 Jun;11(2):93-103

A rapid method for the purification of cytoplasmic paramyxoviral nucleocapsids. Robbins SJ, et al. **J Virol Methods** 1985 Jul;11(3):253-7

Detection of measles virus RNA in lymphocytes from peripheral-blood and brain perivascular infiltrates of patients with subacute sclerosing panencephalitis. Fournier JG, et al. **N Engl J Med** 1985 Oct 10;313(15):910-5

Subacute sclerosing panencephalitis and lymphocytes [editorial] Griffith JF. **N Engl J Med** 1985 Oct 10; 313(15):952-4

[Comparative characteristics of the physicochemical properties of the vaccinal strain of measles virus L-16 and its Moscow-5 clone] Andzhaparidze OG, et al. **Vopr Virusol** 1984 Nov-Dec;29(6):691-4 (Eng. Abstr.) **(Rus)**

GENETICS

Enhanced intranuclear expression of measles virus following exposure of persistently infected cells to cyclic AMP. Robbins SJ, et al. **J Gen Virol** 1985 Sep;66 (Pt 9):2065-70

Measles virus P gene codes for two proteins. Bellini WJ, et al. **J Virol** 1985 Mar;53(3):908-19

Use of antibodies directed against synthetic peptides for identifying cDNA clones, establishing reading frames, and deducing the gene order of measles virus. Richardson CD, et al. **J Virol** 1985 Apr;53(4):186-93

Sequence homology within the morbilliviruses. Rozenblatt S, et al. **J Virol** 1985 Feb;53(2):684-90

Efficiency of in situ hybridization as a function of probe size and fixation technique. Moench TR, et al. **J Virol Methods** 1985 Jun;11(2):119-30

Natural history of restricted synthesis and expression of measles virus genes in subacute sclerosing panencephalitis. Haase AT, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):3020-4

Comparison of messenger RNAs induced in cells infected with each member of the morbillivirus group. Barrett T, et al. **Virology** 1985 Aug;145(1):195-9

GROWTH & DEVELOPMENT

Replication of measles virus in human lymphocytes. Hyypiä T, et al. **J Exp Med** 1985 Jun 1;161(6):1261-71

IMMUNOLOGY

Demonstration of immunoglobulin in brains of ferrets inoculated with an SSPE strain of measles virus: use of protein A conjugated to horseradish peroxidase. Brown HR, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):195-201

Characterization of antigen-specific T cells in multiple sclerosis twins with elevated responses to measles virus. Greenstein JI, et al. **Ann NY Acad Sci** 1984;436:511-2

Measles virus and inactivated canine distemper virus induce incomplete immunity to canine distemper. Appel MJ, et al. **Arch Virol** 1984;82(1-2):73-82

Monoclonal antibodies against five structural components of measles virus. II. Characterization of five cell lines persistently infected with measles virus. Sheshberadaran H, et al. **Arch Virol** 1985;83(3-4):251-68

Antibody response to measles immunization in India. Job JS, et al. **Bull WHO** 1984;62(5):737-41

Re-evaluation of immune status to measles, mumps and rubella viruses in the Canada Health Survey population and the Indochinese refugee population. Neumann PW, et al. **Can J Public Health** 1984 Jul-Aug;75(4):270-2

Induction of delayed-type hypersensitivity to measles virus in mice. Smith RH, et al. **Cell Immunol** 1984 Nov;89(1):20-9

The immunosuppressive effects of measles virus on T cell function--failure to affect IL-2 release or cytotoxic T cell activity in vitro. Borysiewicz LK, et al. **Clin Exp Immunol** 1985 Jan;59(1):29-36

A simple method to detect intrathecal production of specific antimeasles antibodies in cerebrospinal fluid during subacute sclerosing panencephalitis. Melioli G, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):411-7

Complement fixing antibodies in patients of suspected subacute sclerosing panencephalitis in Delhi. Manjunath N, et al. **Indian J Med Res** 1984 Apr;79:468-72

Is rinderpest virus the archevirus of the Morbillivirus genus? Norrby E, et al. **Intervirology** 1985;23(4):228-32

Measles antibodies, anti-proteinase and plasminogen distribution in serum and plasma from patients affected with multiple sclerosis and patients affected with non-neurological diseases. Bollengier F, et al. **J Clin Chem Clin Biochem** 1984 Oct;22(10):653-9

Comparison of measles antihemolysin test, enzyme-linked immunosorbent assay, and hemagglutination inhibition test with neutralization test for determination of immune status. Neumann PW, et al. **J Clin Microbiol** 1985 Aug;22(2):296-8

Comparison of nonspecific reactivity in indirect and reverse immunoassays for measles and mumps immunoglobulin M antibodies. Tuokko H. **J Clin Microbiol** 1984 Nov; 20(5):972-6

Impaired measles virus-specific cytotoxic T cell responses in multiple sclerosis. Jacobson S, et al. **J Exp Med** 1985 Sep 1;162(3):839-50

Identification of a specific HLA DR2 Ia molecule as a restriction element for measles virus-specific HLA class II-restricted cytotoxic T cell clones. Jacobson S, et al. **J Exp Med** 1985 Jan 1;161(1):263-8

Effect of measles virus antibodies on a measles SSPE virus persistently infected C6 rat glioma cell line. Barrett PN, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1411-21

Immunoassays for measles virus nucleocapsid antigen: effect of antigen-antibody complexes. Salmi A, et al. **J Gen Virol** 1984 Oct;65 (Pt 10):1655-63

Characterization of major structural proteins of measles virus with monoclonal antibodies. Sato TA, et al. **J Gen Virol** 1985 Jul;66 (Pt 7):1397-409

Measles-specific T cell clones derived from a twin with multiple sclerosis: genetic restriction studies. Richert JR, et al. **J Immunol** 1985 Mar;134(3):1561-6

IgM antibodies in sera from patients with chronic active hepatitis reacting with the measles virus matrix protein and nucleoprotein. Christie KE, et al. **J Med Virol** 1984; 14(2):149-57

Adherent cells suppress measles and herpes simplex 1 virus-induced blastogenesis of multiple sclerosis lymphocytes. Ziola B, et al. **J Neuroimmunol** 1985 Feb-Mar;7(5-6):315-30

Three monoclonal antibodies against measles virus F protein cross-react with cellular stress proteins. Sheshberadaran H, et al. **J Virol** 1984 Dec;52(3):995-9

Treatment of multiple sclerosis with anti-measles cow colostrum. Ebina T, et al. **Med Microbiol Immunol (Berl)** 1984;173(2):87-93

[Critical titre of hemagglutination inhibition antibodies in apparent measles infection] Li JH. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb; 6(1):7-8 (Eng. Abstr.) **(Chi)**

[Measles & rubella hemagglutination inhibition antibodies in women of child-bearing age and the time of decline of maternally acquired antibodies among neonates and infants] Xü FG. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Feb;6(1):9-11 (Eng. Abstr.) **(Chi)**

ISOLATION & PURIFICATION

Measles virus gene expression in subacute sclerosing panencephalitis. Baczko K, et al. **Virus Res** 1984 Oct; 1(7):585-95

METABOLISM

Maturation of measles virus hemagglutinin glycoprotein. Kohama T, et al. **Arch Virol** 1985;85(3-4):257-68

Measles virus matrix protein synthesized in a subacute sclerosing panencephalitis cell line. Sheppard RD, et al. **Science** 1985 Jun 7;228(4704):1219-21

PATHOGENICITY

Induction of chronic measles encephalitis in C57BL/6 mice. Chan SP. **J Gen Virol** 1985 Sep;66 (Pt 9):2071-6

Measles virus encephalitis in ferrets as a model for subacute sclerosing panencephalitis. Thormar H, et al. **Lab Anim Sci** 1985 Jun;35(3):229-32

Measles virus variants: viral replication and cytopathogenicity in human T lymphocytes and B lymphoblastoid cells. Di Stefano R, et al. **Microbiologica** 1984 Jul;7(3):197-202

[Regulation of the excisional repair system in in vitro-cultured human cells by measles viruses depending on their attenuation] Antonenko SV, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):298-301 (Eng. Abstr.) **(Rus)**

MEASLES VIRUS, GERMAN see **RUBELLA VIRUS**

MEAT

Nutritive value of slaughter by-product meals. Hegedüs M. **Acta Vet Hung** 1984;32(3-4):105-16

Enterotoxin production at 4, 22, and 37 degrees C by Yersinia enterocolitica and Yersinia enterocolitica-like bacteria isolated from porcine tonsils and pork products. Nesbakken T. **Acta Vet Scand** 1985;26(1):13-20

A comparison of the effect of diets containing beef protein and plant proteins on blood lipids of healthy young men. Wiebe SL, et al. **Am J Clin Nutr** 1984 Nov;40(5):982-9

Retrospective study of four years of carcass condemnation rates for malignant lymphoma in California cows. Thurmond MC, et al. **Am J Vet Res** 1985 Jun;46(6):1387-91

The yeasts of British fresh sausage and minced beef. Dalton HK, et al. **Antonie Van Leeuwenhoek** 1984;50(3):227-48

Identification of Acetobacter strains isolated from spoiled lactic acid fermented meat food for pets. Gosselé F, et al. **Antonie Van Leeuwenhoek** 1984;50(3):269-74

Incidence of Acinetobacter spp. and other gram-negative, oxidase-negative bacteria in fresh and spoiled ground beef. Eribo BE, et al. **Appl Environ Microbiol** 1985 Jan; 49(1):256-7

Isolation from haddock tissue of psychrophilic bacteria with maximum growth temperature below 20 degrees C. Makarios-Laham I, et al. **Appl Environ Microbiol** 1984 Aug;48(2):439-40

Mixed carbon source utilization of meat-spoiling Pseudomonas fragi 72 in relation to oxygen limitation and carbon dioxide inhibition. Molin G. **Appl Environ Microbiol** 1985 Jun;49(6):1442-7

Corynebacterium pseudotuberculosis abscesses in a young butcher [letter] Richards M, et al. **Aust NZ J Med** 1985 Feb;15(1):85-6

Prevalence of Salmonella contamination in market-ready geese in Manitoba. Mann ED, et al. **Avian Dis** 1984 Oct-Dec;28(4):978-83

Formation of mutagens in cooked foods. VI. Modulation of mutagen formation by iron and ethylenediaminetetracetic acid (EDTA) in fried beef. Barnes WS, et al. **Cancer Lett** 1984 Sep;24(2):221-6

Enzymatic digestion of esophageal meat impaction. A study of Adolph's Meat Tenderizer. Goldner F, et al. **Dig Dis Sci** 1985 May;30(5):456-9

Mutagenicity of human urine caused by ingestion of fried ground beef. Hayatsu H, et al. **Gann** 1985 Jun;76(6):445-8

Animal feeding study with nitrite-treated meat. Olsen P, et al. **IARC Sci Publ** 1984;(57):667-75

Public health importance of market meat exposed to refuse flies and air-borne microorganisms. Akinboade OA, et al. **Int J Zoonoses** 1984 Jun;11(1):111-4

A survey of the bacteriological status of fresh and baked pork sausages produced in Ibadan, Nigeria. Oyekole OD, et al. **Int J Zoonoses** 1984 Dec;11(2):127-32

Factors influencing the occurrence of drug residues in animal tissues after the use of antimicrobial agents in animal feeds. Bevill RF. **J Am Vet Med Assoc** 1984 Nov 15; 185(10):1124-6 (9 ref.)

Impact of technology and funding on meat and poultry inspection. Houston DM. **J Am Vet Med Assoc** 1984 Dec 15;185(12):1505-7

Influence of NaCl, NaNO2 and oxygen on the germination and growth of Bacillus licheniformis, a spoilage organism of chub-packed luncheon meat. Bell RG, et al. **J Appl Bacteriol** 1984 Dec;57(3):523-30

Heat injury and recovery of Streptococcus faecium associated with the souring of chub-packed luncheon meat. Bell RG, et al. **J Appl Bacteriol** 1984 Oct;57(2):229-36

Volatile compounds associated with the aerobic growth of some Pseudomonas species on beef. Dainty RH, et al. **J Appl Bacteriol** 1984 Aug;57(1):75-81

Putrescine and cadaverine formation in vacuum packed beef. Edwards RA, et al. **J Appl Bacteriol** 1985 Jan;58(1):13-9

Effect of various gas atmospheres on the growth and survival of Campylobacter jejuni on beef. Hänninen ML, et al. **J Appl Bacteriol** 1984 Aug;57(1):89-94

The influence of scald water pH on the death rates of Salmonella typhimurium and other bacteria attached to chicken skin. Humphrey TJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):355-9

Contamination and bacterial retention capacity of beef carcasses at the abattoir. Kriaa H, et al. **J Appl Bacteriol** 1985 Jul;59(1):23-8

A note on microbial spoilage of sheep meat at ambient temperature. Narasimha Rao D, et al. **J Appl Bacteriol** 1985 May;58(5):457-9

A study of the relative incidence of different Pseudomonas groups on meat using a computer-assisted identification technique employing only carbon source tests. Shaw BG, et al. **J Appl Bacteriol** 1984 Aug;57(1):59-67

A note on catalase enhanced recovery of acid injured cells of gram negative bacteria and its consequences for the assessment of the lethality of L-lactic acid decontamination of raw meat surfaces. Van Netten P, et al.

J Appl Bacteriol 1984 Aug;57(1):169–73

Biotypes and serotypes of thermophilic campylobacters isolated from cattle, sheep and pig offal and other red meats. Bolton FJ, et al. **J Hyg (Lond)** 1985 Aug;95(1):1–6

The generation time, lag time, and minimum temperature of growth of coliform organisms on meat, and the implications for codes of practice in abattoirs. Smith MG. **J Hyg (Lond)** 1985 Jun;94(3):289–300

Salmonella isolation with Rappaport–Vassiliadis enrichment medium seeded with different sized inocula of pre–enrichment cultures of meat products and sewage polluted water. Vassiliadis P, et al. **J Hyg (Lond)** 1985 Aug;95(1):139–47

Effects of beef, soy and conventional diets on body composition and plasma lipids of young pigs fed restricted or liberal amounts of diet. Diersen–Schade DA, et al. **J Nutr** 1985 Aug;115(8):1016–24

Dual–isotope method for determination of human zinc absorption: the use of a test meal of turkey meat. Flanagan PR, et al. **J Nutr** 1985 Jan;115(1):111–22

Determination of nutritional efficiency of selenium contained in processed skipjack meat by comparison with selenite. Yoshida M, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Aug;30(4):395–400

Probiotics in modern meat production. Walters AH. **J R Soc Health** 1984 Dec;104(6):220–4, 228 (10 ref.)

Guidelines for bacterial counts on carcases at Cato Ridge abattoir. Selmer–Olsen A. **J S Afr Vet Assoc** 1985 Jun;56(2):99–100

Salt content of kosher meat [letter] Glick SM. **JAMA** 1985 Jul 26;254(4):504

What's the beef? [letter] Liebman B, et al. **JAMA** 1985 Apr 12;253(14):2044–5

Bacteriological study of fresh market's meat (beef and mutton) of Rawalpindi/Islamabad Region. Begum M. **JPMA** 1984 Jul;34(7):214–7

Outbreak of trichinosis due to horse meat in the Paris area [letter] Ancelle T, et al. **Lancet** 1985 Sep 21;2(8456):660

Influence of heating and cooling rates on spore germination and growth of Clostridium perfringens in media and in roast beef. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):259–67

Destruction of salmonellae, Escherichia coli, and Staphylococcus aureus inoculated into and onto beef during dry–oven roasting. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):251–7

The bacteriological safety of unpasteurized cured meat products in response to the manufacturing processes. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):443–52

Toxin production by Clostridium botulinum types A and B in unpasteurized cured meat products held at 15 and 27 degrees C. Shigehisa T, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):917–20

The effect of carbon dioxide packaging on detection of Campylobacter jejuni from chicken carcasses. Wesley RD, et al. **Poult Sci** 1985 Apr;64(4):763–4

Food handlers and food poisoning. **Public Health** 1985 Jan;99(1):1–2

Testing for trichinosis [news] Kolata G. **Science** 1985 Feb 8;227(4687):621, 624

Sarcocystis sp. in guanaco (Lama guanicoe) and effect of temperature on its viability. Gorman TR, et al. **Vet Parasitol** 1984 Aug;15(2):95–101

Sarcocystis infection in pigs of Hissar, Haryana, India and its transmission to dogs. Gupta SL, et al. **Vet Parasitol** 1984 Oct;16(1–2):1–3

Exsanguination of animals at slaughter and the residual blood content of meat. Warriss PD. **Vet Rec** 1984 Sep 22;115(12):292–5

Bacteriological flora of meat and meat products. Zahra MK, et al. **Zentralbl Mikrobiol** 1985;140(1):55–8

[Tissue reactions and residues in slaughter cattle after administration of long–acting oxytetracycline formulations] Petzer IM, et al. **J S Afr Vet Assoc** 1984 Sep;55(3):107–11 (Eng. Abstr.) **(Afr)**

[Microorganisms of the fam. Micrococcaceae in the production and storage of prepackaged veal] Donzo M, et al. **Vet Med Nauki** 1985;22(5):37–42 (Eng. Abstr.) **(Bul)**

[Proteolytic activity of the microflora of meat] Enikova R, et al. **Vet Med Nauki** 1984;21(10):67–74 (Eng. Abstr.) **(Bul)**

[Contamination of butchered poultry with psychrophilic and psychrotrophic microorganisms] Ivanova S. **Vet Med Nauki** 1984;21(10):51–8 (Eng. Abstr.) **(Bul)**

[Microbiological studies of pheasant meat] Petkov R, et al. **Vet Med Nauki** 1984;21(7–8):100–5 (Eng. Abstr.) **(Bul)**

[Survey of Salmonella contamination in animal slaughtering and meat and poultry processing in Beijing Union Plants] Xiang L, et al. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1985 Mar;19(2):88–9 (Eng. Abstr.) **(Chi)**

[Microflora from commercial offal with special reference to the incidence of Salmonella] Sinell HJ, et al. **Berl Munch Tierarztl Wochenschr** 1984 Nov 1;97(11):415–8 (Eng. Abstr.) **(Ger)**

[Meat hygienic and feed technological studies of the use of industrially dried laying hen excreta for fattening beef cattle. 3. Residues, quality and sensory characteristics of meat] Troeger K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1;98(4):112–21 (Eng. Abstr.) **(Ger)**

[Statistical evaluation of repeated samples for total pathogen count determination on surfaces] Janke–Grimm G, et al. **DTW** 1985 Feb 7;92(2):49–54 (Eng. Abstr.) **(Ger)**

[Microbiological problems of meat and meat product packaging in flexible packing materials] Cerny G. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):99–108 **(Ger)**

[Microbiological risks for consumers caused by meat and meat products] Kampelmacher EH. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):161–70 (32 ref.) **(Ger)**

[Regulation of foreign compounds in meat and meat products in the conflict between politics versus toxicology] Schlatter C. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):129–39 **(Ger)**

[Quality criteria for meat selection] Schmidhofer T. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):71–81 **(Ger)**

[Meat in the discussion of health] Untermann F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):67–9 **(Ger)**

[Timely food control for effective consumer protection] Untermann F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):171–84 **(Ger)**

[Cleaning and disinfection in the production, distribution and kitchen preparation of meat] Wenzel S. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):155–60 **(Ger)**

[Technology of processing meat of varying quality] Wirth F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):83–97 **(Ger)**

[Curing from the current viewpoint] Wirth F. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):109–27 **(Ger)**

[Therapeutic efficacy of an exclusion diet in atopic dermatitis. Comparison of the results obtained with the same diet in the presence and absence of lamb meat] Mangili G, et al. **Minerva Pediatr** 1984 Nov 15;36(21):1095–9 (Eng. Abstr.) **(Ita)**

[Presence of salmonellae in meat products intended for domestic animals] Strongoli M, et al. **Nuovi Ann Ig Microbiol** 1983 Jan–Feb;34(1):57–61 (Eng. Abstr.) **(Ita)**

[Use of a special–purpose product in the treatment of anemia in pregnancy] Shaikhova GI, et al. **Akush Ginekol (Mosk)** 1985 Jan;(1):51–4 (Eng. Abstr.) **(Rus)**

[Induced autolysis as an important mechanism of the initial stages of ordinary digestion] Ugolev AM, et al. **Fiziol Zh SSSR** 1984 Nov;70(11):1542–50 (Eng. Abstr.) **(Rus)**

[Microbiological characteristics of boiled sausages during their production] Kalamkarova LI, et al. **Gig Sanit** 1984 Dec;(12):50–1 **(Rus)**

[The protein quality of commercial products of texturized soybean protein and meat mixtures] Elías LG, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):355–65 (Eng. Abstr.) **(Spa)**

[Bacterial flora of liver paté in 3 stages of processing] Gesche E, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):384–90 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

A case–control study of Creutzfeldt–Jakob disease. Dietary risk factors. Davanipour Z, et al. **Am J Epidemiol** 1985 Sep;122(3):443–51

Campylobacter enteritis associated with undercooked barbecued chicken. Istre GR, et al. **Am J Public Health** 1984 Nov;74(11):1265–7

Occupational dermatitis caused by snackbar meat products. de Boer EM, et al. **Contact Dermatitis** 1984 Nov;11(5):322

A turkey dinner and its sequelae. Novak N, et al. **Hosp Pract [Off]** 1985 Jul 15;20(7):138, 140

Meat consumption as a risk factor in enteritis necroticans. Millar JS, et al. **Int J Epidemiol** 1985 Jun;14(2):318–21

Yersinia enterocolitica 03 findings on porcine tongues in comparison with yersiniosis incidence in man in Czechoslovakia. Aldová E, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(3):319–29

Hold the sushi [letter] Goldmann DR. **JAMA** 1985 May 3;253(17):2495–6

Liver lover's headache: pseudotumor cerebri and vitamin A intoxication [letter] Selhorst JB, et al. **JAMA** 1984 Dec 28;252(24):3365

Idiopathic nephrotic syndrome, treated with steroids for five years, found to be allergic reaction to pork [letter] Howanietz H, et al. **Lancet** 1985 Aug 24;2(8452):450

Pork and cirrhosis [letter] McConway KJ. **Lancet** 1985 May 4;1(8436):1045–6

Relationship between pork consumption and cirrhosis. Nanji AA, et al. **Lancet** 1985 Mar 23;1(8430):681–3

Relation between pork consumption and cirrhosis [letter] Seely S. **Lancet** 1985 Apr 20;1(8434):925

Botulism associated with commercially distributed kapchunka––New York City. **MMWR** 1985 Sep 6;34(35):546–7

Dietary factors affecting the urinary mutagenicity assay system. I. Detection of mutagenic activity in human urine following a fried beef meal. Sousa J, et al. **Mutat Res** 1985 May;149(3):365–74

Meat consumption and fatal ischemic heart disease. Snowdon DA, et al. **Prev Med** 1984 Sep;13(5):490–500

[Food poisoning due to country sausage] Bruins B Jr, et al. **Tijdschr Diergeneeskd** 1985 Jun 15;110(12):487–9 (Eng. Abstr.) **(Dut)**

[Group illness caused by Salmonella typhimurium (Breslau)] Leissner A. **Off Gesundheitswes** 1985 Mar;47(3):136 **(Ger)**

ANALYSIS

Ammonia–like taint and creatine, creatinine and dimethylamine contents in reindeer meat. Rogstadkjaernet M, et al. **Acta Vet Scand** 1985;26(1):143–4

Mutagens in cooked foods––metabolism and genetic toxicity. Felton JS, et al. **Adv Exp Med Biol** 1984;177:555–66

Fate of sodium pentobarbital in rendered products. O'Connor JJ, et al. **Am J Vet Res** 1985 Aug;46(8):1721–4

Ion selective electrode method to determine sodium directly in processed meat products. Fulton BA, et al. **Anal Chem** 1984 Dec;56(14):2919–20

Demonstration of collagen in meat products by an improved picro–Sirius red polarisation method. Flint FO, et al. **Analyst** 1984 Nov;109(11):1505–6

Residue levels of organochlorine insecticides in lamb and beef from Baghdad. Al–Omar M, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):509–12

PCBs in striped bass collected from the Hudson River, New York, during fall, 1981. White RJ, et al. **Bull Environ Contam Toxicol** 1985 Jun;34(6):883–9

A beef–derived mutagenesis modulator inhibits initiation of mouse epidermal tumors by 7,12–dimethylbenz[a]anthracene. Pariza MW, et al. **Carcinogenesis** 1985 Apr;6(4):591–3

Quantification of 2–amino–3–methylimidazo[4,5–f]quinoline (IQ) and 2–amino–3,8–dimethylimidazo[4,5–f]quinoxaline (MeIQx) in beef extracts by liquid chromatography with electrochemical detection (LCEC). Takahashi M, et al. **Carcinogenesis** 1985 Aug;6(8):1195–9

Determination of synthetic growth promoters in bile. Bates ML, et al. **Food Addit Contam** 1985 Jan–Mar;2(1):37–46

Incidence of some non–volatile N–nitroso compounds in cured meats. Tricker AR, et al. **Food Addit Contam** 1984 Jul–Sep;1(3):245–52

Further factors influencing N–nitrosamine formation in bacon. Gray JI, et al. **IARC Sci Publ** 1984;(57):301–9

N–nitrosamines in smoked meats and their relation to diabetes. Helgason T, et al. **IARC Sci Publ** 1984;(57):911–20

Rapid quantitative method for simultaneous determination of benzoic acid, sorbic acid, and four parabens in meat and nonmeat products by liquid chromatography. Ali MS. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):488–92

Comparison of the Volhard and potentiometric methods for the determination of chloride in meat products: collaborative study. Beljaars PR, et al. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):480–4

Disappearance of organochlorine residues from abdominal and egg fats of chickens, Ontario, Canada, 1969–1982. Frank R, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):124–9

Liquid chromatographic determination of sodium fluoroacetate (Compound 1080) in meat baits and formulations. Kramer HL. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1058–61

Development of an overnight rapid bovine identification test (ORBIT) for field use. Mageau RP, et al. **J Assoc Off Anal Chem** 1984 Sep–Oct;67(5):949–54

Sensitive determination of ethopabate residues in chicken tissues by liquid chromatography with fluorometric detection. Nagata T, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):27–8

Liquid chromatographic determination of tetracycline residues in meat and fish. Onji Y, et al. **J Assoc Off Anal Chem** 1984 Nov–Dec;67(6):1135–7

Improved procedure for determination of acrylonitrile in foods and its application to meat. Page BD, et al. **J Assoc Off Anal Chem** 1985 May–Jun;68(3):606–8

Screening tests for sulfa drugs and/or dinitrobenzamide coccidiostats and their monoamino metabolites in chicken livers. Parks OW. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):20–3

Gas chromatographic determination of picloram in fish. Rieger AW, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):59–61

Gas chromatographic detection of D–(–)–2,3–butanediol and butyric acid produced by sporeformers in cream–style corn and canned beef noodle soup: collaborative study. Schafer ML, et al. **J Assoc Off Anal Chem** 1985 Jul–Aug;68(4):626–31

Determination of neomycin in animal tissues, using ion–pair liquid chromatography with fluorometric detection. Shaikh B, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):29–36

Quantitative gas chromatographic–mass spectrometric assay of five sulfonamide residues in animal tissue. Simpson RM, et al. **J Assoc Off Anal Chem** 1985 Jan–Feb;68(1):23–6

Determination of penicillin G and cloxacillin residues in beef and pork tissue by high–performance liquid chromatography. Moats WA. **J Chromatogr** 1984 Dec 28;317:311–8

Sodium content of koshered meat [letter] Burns ER, et al. **JAMA** 1984 Dec 7;252(21):2960

Fecal mutagenicity arising from ingestion of fried ground beef in the human. Hayatsu H, et al. **Mutat Res** 1985 Aug;143(4):207–11

Adaptation of Pope and Stevens method for rapid determination of the amino nitrogen content in certain raw materials and animal products. Fik M, et al. **Nahrung** 1984;28(8):883–7

Extraction of a synthetic androgen from fish muscle and quantitation by high performance liquid chromatography. Goudie CA. **Steroids** 1984 Sep;44(3):241–52

Toxic ducks––1080 residues in game birds. An exercise in applied toxicology. Temple WA, et al. **Vet Hum Toxicol** 1985 Feb;27(1):20–1

Histometric and chemical methods for determining collagen in meats. Koolmees PA, et al. **Vet Q** 1985 Apr;7(2):84–90

Percent of fat in meat, poultry and seafood [letter] Freedman GC. **West J Med** 1985 Apr;142(4):559–61

Actin, a possible quantitative indicator for the quality of meat products. II. Separation and determination of actin from a Guelders ring sausage. Jonker MA, et al. **Z Lebensm Unters Forsch** 1985 Mar;180(3):202–6

Some nitrosoamino acids in bacon adipose tissue and their contribution to the total N-nitroso compound concentration. Tricker AR, et al. **Z Lebensm Unters Forsch** 1985 May;180(5):379–83

[Chemical composition of the meat of chickens treated with antibiotics] Ionova I, et al. **Vet Med Nauki** 1985;22(3):48–53 (Eng. Abstr.) **(Bul)**

[Quality of meat from lambs fattened on feed mixtures with added bacterial protein] Ionova I, et al. **Vet Med Nauki** 1984;21(7–8):79–86 (Eng. Abstr.) **(Bul)**

[Amino acid composition of white poultry meat contaminated with psychotropic microorganisms of the genus Pseudomonas] Ivanova S, et al. **Vet Med Nauki** 1984; 21(9):99–105 (Eng. Abstr.) **(Bul)**

[Amino acid composition of white poultry meat contaminated with psychrophilic microorganisms] Ivanova S, et al. **Vet Med Nauki** 1985;22(6):73–8 (Eng. Abstr.) **(Bul)**

[Conditions for lipid extraction and their quantitative determination in meat products] Miteva E. **Vet Med Nauki** 1984;21(7–8):94–9 (Eng. Abstr.) **(Bul)**

[Chemical and microbiological studies of the meat of broilers fed mixed feeds with a bacterial protein supplement] Monov G, et al. **Vet Med Nauki** 1984;21(9):93–8 (Eng. Abstr.) **(Bul)**

[Fatty acid content of the lipid fraction of the meat of chickens fed mixed feeds with added bacterial protein] Monov G, et al. **Vet Med Nauki** 1984;21(7–8):74–8 (Eng. Abstr.) **(Bul)**

[Chemical composition of pheasant meat] Petkov R. **Vet Med Nauki** 1984;21(9):106–10 (Eng. Abstr.) **(Bul)**

[Fatty acid content in the lipid fraction of the meat of wild pigs] Petkov R, et al. **Vet Med Nauki** 1985;22(3):54–8 (Eng. Abstr.) **(Bul)**

[Detection of antibiotics and/or chemotherapeutic agents in slaughtering pigs by a captive impedance measurement using the M 120 Bactometer] Schoenmakers MJ, et al. **Tijdschr Diergeneeskd** 1984 Sep 15;109(18):693–6 (Eng. Abstr.) **(Dut)**

[Differentiation of animal species of heat-sterilized meat using isoelectric focusing and subsequent silver staining] Dlabka A. **Berl Munch Tierarztl Wochenschr** 1985 Apr 1; 98(4):130–4 (Eng. Abstr.) **(Ger)**

[Voltammetric determination of heavy metals in meat and the internal organs of slaughter cattle] Narres HD, et al. **Z Lebensm Unters Forsch** 1984 Dec;179(6):440–6 (Eng. Abstr.) **(Ger)**

[Mutagenicity of meat flavorings with natural and/or nature-identical flavorings] Scheutwinkel-Reich M, et al. **Z Lebensm Unters Forsch** 1985 Mar;180(3):207–10 (Eng. Abstr.) **(Ger)**

[Concentration profiles of putrescine and cadaverine in inoculated vacuum packed beef] Slemr J, et al. **Z Lebensm Unters Forsch** 1984 Oct;179(4):305–7 (Eng. Abstr.) **(Ger)**

[Presence of sulfites in various meat products] Amodio R, et al. **Nuovi Ann Ig Microbiol** 1983 Sep–Oct;34(5):341–5 (Eng. Abstr.) **(Ita)**

[Lead, cadmium, arsenic, copper, zinc, iron and magnesium content of muscles of slaughterhouse animals. I. Muscle tissue of swine, 1975–1983] Falandysz J, et al. **Rocz Panstw Zakl Hig** 1984;35(6):505–13 (Eng. Abstr.) **(Pol)**

[Levels of lead, cadmium, arsenic, copper, zinc, iron and manganese of the muscles of slaughterhouse animals. II. Muscle tissue of cattle 1975–1983] Falandysz J, et al. **Rocz Panstw Zakl Hig** 1985;36(1):22–7 (Eng. Abstr.) **(Pol)**

[Food contamination with nitrates and nitrites. II. Meat products and prepared foods] Karlowski K, et al. **Rocz Panstw Zakl Hig** 1984;35(5):411–6 (Eng. Abstr.) **(Pol)**

[Content of nitroso compounds in fish from the central Ob River region] Bychkov VG, et al. **Gig Sanit** 1985 Jun;(6):70–1 **(Rus)**

[Volatile N-nitrosamines in sausage products] Karmysheva LF, et al. **Vopr Pitan** 1985 Jan–Feb;(1):51–4 (Eng. Abstr.) **(Rus)**

[Tocopherol content in whitefish and its products] Storozhok NM. **Vopr Pitan** 1985 Jan–Feb;(1):73–4 **(Rus)**

[Biochemical quality assessment of broiler production using a hydrogen bacteria biomass in the diet] Trubachev IN, et al. **Vopr Pitan** 1985 Jan–Feb;(1):55–7 (Eng. Abstr.) **(Rus)**

[Amino acid and vitamin composition of camel meat] Urbisinov ZhK, et al. **Vopr Pitan** 1984 Jul–Aug;(4):68–9 **(Rus)**

[A method for the quantitative determination of trypsin inhibitors in commercial vegetable and meat products] López de Palozzo A, et al. **Acta Cient Venez** 1984; 35(5–6):448–50 **(Spa)**

ECONOMICS

An investigation of the causes and of the financial loss of rejection of pig carcasses and viscera unfit for human consumption. I. Studies at one abattoir. Hill JR, et al. **Br Vet J** 1984 Sep–Oct;140(5):450–7

HISTORY

Meat hygiene: the changing years. Blamire RV. **J R Soc Health** 1984 Oct;104(5):180–5

POISONING

Two successive outbreaks of Clostridium perfringens at a state correctional institution. Tavris DR, et al. **Am J Public Health** 1985 Mar;75(3):287–8

RADIATION EFFECTS

Storage and microwave reheating effects on lipid oxidation of roast beef. Hsieh JH, et al. **J Microwave Power** 1984 Sep;19(3):187–94

STANDARDS

An investigation of the causes and of the financial loss of rejection of pig carcasses and viscera unfit for human consumption. II. Studies at seven abattoirs. Hill JR, et al. **Br Vet J** 1984 Nov–Dec;140(6):558–69

Ovine wet carcass syndrome induced by water deprivation and subsequent overhydration: preliminary findings. Joubert JP, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):17–9

[South African biltong—another close look] Osterhoff DR, et al. **J S Afr Vet Assoc** 1984 Dec;55(4):201–2 (Eng. Abstr.) **(Afr)**

[Establishment of the Government Service for Cattle and Meat Inspection] Hoekstra T. **Tijdschr Diergeneeskd** 1985 Apr 1;110(7):292–6 **(Dut)**

[The hygienic status of meat transport vans] Smit MP, et al. **Tijdschr Diergeneeskd** 1984 Nov 15;109(22):917–22 (Eng. Abstr.) **(Dut)**

[Characteristics and variability of microflora of popular steamed sausage during post-production preservation] Libelt K. **Pol Arch Weter** 1984;24(1):51–64 (Eng. Abstr.) **(Pol)**

[Hygienic evaluation of new meat-based child and dietary food products] Khovaeva LA, et al. **Gig Sanit** 1984 Jul; (7):12–4 (Eng. Abstr.) **(Rus)**

[Apropos of the article by A. M. Safronova, 'Determination of the maximum possible raw meat substitution by protein isolates in formulated products', published in the journal 'Voprosy pitaniia', No. 6, p. 33, 1983 (letter)] Gabovich RD. **Vopr Pitan** 1984 Sep–Oct;(5):54–5 **(Rus)**

[Microbiological bases for establishing the shelf life of vacuum-packed sausages] Zurera Cosano G. **Rev Sanid Hig Publica (Madr)** 1983 Jul–Aug;57(7–8):737–48 (Eng. Abstr.) **(Spa)**

TOXICITY

Mutagenic activity in the stomach and small intestine of rats after oral administration of nitrosated beef extract. Münzner R, et al. **Cancer Lett** 1984 Dec;25(2):225–30

Toxicological response and its reversibility in rats fed Lake Ontario or Pacific coho salmon for 13 weeks. Chu I, et al. **J Environ Sci Health [B]** 1984 Nov–Dec;19(8–9):713–31

[Dynamics of decomposition processes in popular steamed sausage preserved under different conditions] Libelt K. **Pol Arch Weter** 1984;24(1):65–77 (Eng. Abstr.) **(Pol)**

MEAT-PACKING INDUSTRY

Prevalence of enterotoxigenic staphylococci in nose, throat and skin lesions in meat-workers. Danielsson ML, et al. **Acta Vet Scand** 1984;25(2):242–9

Warts among meat handlers. Finkel ML, et al. **Arch Dermatol** 1984 Oct;120(10):1314–7

A profile of skin sepsis in meat handlers. Barnham M, et al. **J Infect** 1984 Jul;9(1):43–50

Distal ulnar neuropathy in meat packers. An occupational disease? Streib EW, et al. **J Occup Med** 1984 Nov; 26(11):842–3

Ovine wet carcass syndrome induced by water deprivation and subsequent overhydration: preliminary findings. Joubert JP, et al. **J S Afr Vet Assoc** 1985 Mar;56(1):17–9

Slaughter weight loss attributable to pregnancy in feedlot heifers. Bennett BW, et al. **Mod Vet Pract** 1984 Sep; 65(9):677–9

[Risk of infection for the personnel of slaughterhouses and and meat-processing plants] Nicolet J. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):141–53 **(Ger)**

[Quality criteria for meat selection] Schmidhofer T. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):71–81 **(Ger)**

[Cleaning and disinfection in the production, distribution and kitchen preparation of meat] Wenzel S. **Schweiz Arch Tierheilkd** 1985 Feb;127(2):155–60 **(Ger)**

ECONOMICS

Economic decisions in food animal practice: to treat or not to treat? Madison JB, et al. **J Am Vet Med Assoc** 1984 Sep 1;185(5):520–1

MEAT PRODUCTS see under **MEAT**

MEBALLYMAL see **SECOBARBITAL**

MEBENDAZOLE see under **BENZIMIDAZOLES**

MEBUBARBITAL see **PENTOBARBITAL**

MEBUMAL see **PENTOBARBITAL**

MECAMYLAMINE

ADMINISTRATION & DOSAGE

Protection against diisopropylfluorophosphate intoxication by pyridostigmine and physostigmine in combination with atropine and mecamylamine. Harris L, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Aug; 327(1):64–9

METABOLISM

The acetylcholine receptor of the neuromuscular junction recognizes mecamylamine as a noncompetitive antagonist. Varanda WA, et al. **Mol Pharmacol** 1985 Aug;28(2):128–37

PHARMACODYNAMICS

Differential effects of mecamylamine on the nicotine induced changes in amine levels and turnover in hypothalamic dopamine and noradrenaline nerve terminal systems and in the secretion of adenohypophyseal hormones in the castrated female rat. Evidence for involvement of cholinergic nicotine-like receptors. Anderson K, et al. **Acta Physiol Scand** 1984 Apr;120(4):489–98

Influence of mecamylamine and atropine on tolerance development to nicotine hypothermia in rats. Horstmann M. **J Pharm Pharmacol** 1984 Nov;36(11):770–1

Effects of nicotine on schedule-controlled behaviour. Role of fixed-interval length and modification by mecamylamine and chlorpromazine. White JM, et al. **Neuropharmacology** 1985 Jan;24(1):75–82

THERAPEUTIC USE

Clinical evaluation of mecamylamine for withdrawal from nicotine dependence. Tennant FS Jr, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:239–46

MECHANORECEPTORS

see related
PROPRIOCEPTION

Effects of age on Meissner corpuscles: a study of silver-impregnated neurites in mouse digital pads. Mathewson RC, et al. **J Comp Neurol** 1985 Jan 8; 231(2):250–9

Afferent innervation of extraocular muscles in the rat studied by retrograde and anterograde horseradish peroxidase transport. Daunicht WJ, et al. **Neurosci Lett** 1985 May 14; 56(2):143–8

Subepineural pacinian corpuscle [letter] Tupper JW. **Plast Reconstr Surg** 1985 Jul;76(1):156

ANALYSIS

Single unit sensory activity in free walking crabs: force sensitive mechanoreceptors of the dactyl. Zill SN, et al. **Brain Res** 1985 Jun 17;336(2):337–41

ANATOMY & HISTOLOGY

Mechanoreceptors in human cruciate ligaments. A histological study. Schultz RA, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1072–6

Morphology of central terminations of intra-axonally stained, large, myelinated primary afferent fibers from facial skin in the rat. Hayashi H. **J Comp Neurol** 1985 Jul 8; 237(2):195–215

The central morphology of mechanoreceptor afferents in the metathoracic leg of the cockroach, Periplaneta americana (Insecta). Collin SP. **J Neurobiol** 1985 Jul;16(4):269–82

[Study of pathways and function of the proprioceptive system in the extrinsic muscles of the eye] Batini C. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):221–6 **(Fre)**

[Histology and physiology of the proprioceptive receptors in the extrinsic muscles of the eye] Lasserre MH. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):217–20 **(Fre)**

CYTOLOGY

Macrophages in Pacinian corpuscles. Ide C, et al. **Acta Anat (Basel)** 1985;121(2):110–4

The distribution of mechanosensory hair afferents within the locust central nervous system. Anderson H. **Brain Res** 1985 Apr 29;333(1):97–102

Structure of tendon organs of the rat after neonatal de-efferentation. Soukup T, et al. **Cell Tissue Res** 1985; 241(1):229–36

DRUG EFFECTS

Time-related characteristics of aortic arch baroreceptor and left atrial B-type receptor activities. Hakumäki MO. **Acta Physiol Scand [Suppl]** 1984;537:51–8

The respiratory response to stimulation of juxta-pulmonary capillary receptors in the non-anesthetized cat. Ginzel KH, et al. **Arzneimittelforsch** 1985;35(1A):182–7

Receptive field size of hair follicle afferents in rats treated neonatally with capsaicin. Baranowski R, et al. **Brain Res** 1985 Jul 15;338(2):395–7

Effects of intracellular TEA injection on early adaptation of crustacean stretch receptor. Ottoson D, et al. **Brain Res** 1985 Jun 10;336(1):9–17

Reversible abnormalities of the Hering Breuer reflex in acrylamide neuropathy. Satchell P. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):670–5

The effects of tetrodotoxin, papaverine and verapamil on the increase in the rate of spontaneous afferent discharges induced by local anesthetics from the pulmonary mechanoreceptors of the bullfrog. Kontani H, et al. **Jpn J Pharmacol** 1985 Jan;37(1):1–12

Acrylamide preferentially affects slowly adapting cutaneous mechanoreceptors. Goldstein BD. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):527–33

PATHOLOGY

Painful digital subepineural pacinian corpuscles [letter] Brynildsen PJ. **Plast Reconstr Surg** 1985 Jun;75(6):929–30

Subepineural pacinian corpuscle: a cause of digital pain. Friedman HI, et al. **Plast Reconstr Surg** 1984 Nov; 74(5):699–703

[Neurogenic tumors and pseudotumors of the hand] Rozhold O, et al. **Rozhl Chir** 1984 Sep;63(8–9):623–5 (Eng. Abstr.) **(Cze)**

PHYSIOLOGY

Influence of Ca2+ on the voltage dependent mechanosensitivity of the hair cells in the lateral line organs of Xenopus laevis. Jørgensen F. **Acta Physiol Scand** 1984 Apr;120(4):481–8

Renal mechanoreceptors in nonhuman primates. Gilmore JP, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R202–7

Human cutaneous mechanoreceptors during regeneration: physiology and interpretation. Mackel R. **Ann Neurol** 1985 Aug;18(2):165–72

Effects of externally imposed elastic loads on the ability to estimate position and force. Watson JD, et al. **Behav Brain Res** 1984 Sep;13(3):267–71

Masseter, digastric and omohyoidal responses from weak mechanical oral stimuli in the chewing rat. Jüch PJ, et al. **Brain Behav Evol** 1984;25(2–3):166–74

Interaction of periodontal and jaw elevator spindle afferents in the cerebellum––sensory calibration. Taylor A, et al. **Brain Behav Evol** 1984;25(2–3):157–65

Physiological properties of intradental mechanoreceptors. Dong WK, et al. **Brain Res** 1985 May 20;334(2):389–95

Vibrotactile atonal interval correlated with activity in peripheral mechanoreceptive units innervating the human hand. Hämäläinen H, et al. **Brain Res** 1985 May 6; 333(2):311–24

Properties of cutaneous mechanosensitive afferents during the early stages of regeneration in man. Mackel R, et al. **Brain Res** 1985 Mar 11;329(1–2):49–69

Mechanoreceptive submodality channel interactions: psychophysical observations on differential activation of flutter and vibration. Martin JH, et al. **Brain Res** 1985 Feb 18;327(1–2):269–77

Mechanoreceptive submodality channel interactions: single unit analysis of afferent inhibition in the primary somatosensory cortex of the cat. Martin JH, et al. **Brain Res** 1985 Feb 18;327(1–2):279–88

Ionic dependence of early adaptation in the crustacean stretch receptor. Ottoson D, et al. **Brain Res** 1985 Jun 10;336(1):1–8

Sympathetic activation of unmyelinated mechanoreceptors in cat skin. Roberts WJ, et al. **Brain Res** 1985 Jul 22; 339(1):123–5

Slow-adapting responses of the Pacinian corpuscles of cat planta. Sakada S, et al. **Brain Res** 1985 Apr 15;332(1):194–9

After-hyperpolarization and receptor potential attenuation following bursts of action potentials in an insect mechanoreceptor. French AS. **Can J Physiol Pharmacol** 1985 Jan;63(1):18–22

The causative agent in atrial receptor diuresis in the dog is a low molecular weight, lipophilic and weakly acidic substance. Pither JM, et al. **Clin Sci** 1985 Feb;68(2):243–6

Mathematical modeling and simulation of the postural control loop––Part II. Agarwal GC, et al. **Crit Rev Biomed Eng** 1984;11(2):113–54 (374 ref.)

Do periodontal mechanoreceptors mediate the short latency excitatory reflex in human masseter muscle? Carels C, et al. **Electromyogr Clin Neurophysiol** 1985 May–Jun; 25(4):261–70

Role of cardiopulmonary mechanoreceptors in ADH release in normal humans. Egan B, et al. **Hypertension** 1984 Nov–Dec;6(6 Pt 1):832–6

Vibrotactile forward masking: psychophysical evidence for a triplex theory of cutaneous mechanoreception. Gescheider GA, et al. **J Acoust Soc Am** 1985 Aug; 78(2):534–43

Neural mechanisms of scanned and stationary touch. Phillips JR, et al. **J Acoust Soc Am** 1985 Jan;77(1):220–4 (22 ref.)

Temporal summation by Pacinian corpuscles precludes entrainment at the detection threshold. Van Doren CL. **J Acoust Soc Am** 1985 Jun;77(6):2188–9

Psychophysics of vibrotactile stimulation. Verrillo RT. **J Acoust Soc Am** 1985 Jan;77(1):225–32 (44 ref.)

The heart as a sensory organ. Shepherd JT. **J Am Coll Cardiol** 1985 Jun;5(6 Suppl):83B–87B

Reflex effects and receptor responses to upper airway pressure and flow stimuli in developing puppies. Fisher JT, et al. **J Appl Physiol** 1985 Jan;58(1):258–64

Modulation of pulmonary stretch receptors and airway resistance by parasympathetic efferents. Richardson CA, et al. **J Appl Physiol** 1984 Dec;57(6):1842–9

On the relation between expiratory duration and subsequent inspiratory duration. Zuperku EJ, et al. **J Appl Physiol** 1985 Feb;58(2):419–30

Lateral hypothalamic responses to pre-absorptive and post-absorptive signals related to amino acid ingestion. Jeanningros R. **J Auton Nerv Syst** 1984 May–Jun; 10(3–4):261–8

Effect of carbon dioxide on the activity of slowly and rapidly adapting pulmonary stretch receptors in cats. Ravi K. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):267–77

Proprioceptor distribution and control of a muscle reflex in the tibia of spider legs. Seyfarth EA, et al. **J Neurobiol** 1984 Sep;15(5):365–74

Monosynaptic excitation of dorsal medullary respiratory neurons by slowly adapting pulmonary stretch receptors. Averill DB, et al. **J Neurophysiol** 1984 Oct;52(4):771–85

Responses of tendon organs to unfused contractions of single motor units. Jami L, et al. **J Neurophysiol** 1985 Jan; 53(1):32–42

Calcium spike and calcium-dependent potassium conductance in mechanosensory neurons of the lamprey. Leonard JP, et al. **J Neurophysiol** 1985 Jan;53(1):171–82

Intracellular analysis of the innervation of a crayfish sensory interneuron by regenerating afferents. Strandburg RJ, et al. **J Neurophysiol** 1985 Aug;54(2):385–402

A stimulator for moving textured surfaces sinusoidally across the skin. Goodwin AW, et al. **J Neurosci Methods** 1985 Jul;14(2):121–5

Interactions between motor units and Golgi tendon organs in the tibialis posterior muscle of the cat. Binder MD, et al. **J Physiol (Lond)** 1985 Jul;364:199–215

Tension receptors with vagal afferent fibres in the proximal duodenum and pyloric sphincter of sheep. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:457–75

Mucosal enteroceptors with vagal afferent fibres in the proximal duodenum of sheep. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:497–522

The responses of duodenal tension receptors in sheep to pentagastrin, cholecystokinin and some other drugs. Cottrell DF, et al. **J Physiol (Lond)** 1984 Sep;354:477–95

The sagittal vestibulocollic reflex and its interaction with neck proprioceptive afferents in the decerebrate cat. Dutia MB, et al. **J Physiol (Lond)** 1985 Feb;359:17–29

Properties of mechanoreceptive fibres serving skin grafts transferred to the hands of adult baboons (Papio anubis). Dykes RW, et al. **J Physiol (Lond)** 1984 Dec;357:1–22

Intracellular pH regulation in the sensory neurone of the stretch receptor of the crayfish (Astacus fluviatilis). Moser H. **J Physiol (Lond)** 1985 May;362:23–38

Threshold response phase to sinusoidal stimulation of frog cutaneous mechanoreceptor afferent units. Taniguchi K, et al. **Jpn J Physiol** 1984;34(6):1065–75

Real-time waveform analysis of multichannel nerve impulses with a multimicroprocessor system. Ikeda M, et al. **Med Biol Eng Comput** 1985 Jan;23(1):23–7

Axonal flow in the afferent fiber maintains the electroreceptor in the skin of fish. Roth A. **Naturwissenschaften** 1985 Jul;72(7):380–1

Evidence for a monosynaptic connection between slowly adapting pulmonary stretch receptor afferents and inspiratory beta neurones. Backman SB, et al. **Pflugers Arch** 1984 Oct;402(2):129–36

Cold-sensitive mechanoreceptors with afferent C-fibres in the sheep duodenum. Cottrell DF. **Pflugers Arch** 1984 Dec; 402(4):454–7

Breathing pattern and stretch receptor activity during high frequency ventilation. Kohl J, et al. **Pflugers Arch** 1984 Oct;402(2):150–6

Responses of Renshaw cells coupled with hindlimb extensor motoneurons to sinusoidal stimulation of labyrinth receptors in the decerebrate cat. Pompeiano O, et al. **Pflugers Arch** 1985 Mar;403(3):245–57

Disruption of tactile discrimination in rats by bilateral stimulation of midbrain lemniscal pathways. Frommer GP, et al. **Physiol Behav** 1985 Feb;34(2):205–11

Type B atrial receptor discharge increases on opening a nonhypotensive arteriovenous shunt in the dog. Tripathi A, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):426–31

Rapidly-adapting receptor activity and intratracheal pressure in guinea pigs. I. Action of leukotriene C4. Bergren DR, et al. **Prostaglandins Leukotrienes Med** 1984 Nov; 16(2):147–61

Rapidly-adapting receptor activity and intratracheal pressure in guinea pigs. II. Action of aspirin and salicylic acid in antagonizing mediators of allergic asthma. Bergren DR, et al. **Prostaglandins Leukotrienes Med** 1984 Nov; 16(2):163–71

Mechanoreceptors of the rabbit duodenum. Cottrell DF. **Q J Exp Physiol** 1984 Oct;69(4):677–84

The response of slowly adapting mechanoreceptors in the cat knee joint to tetanic contraction of hind limb muscles. Ferrell WR. **Q J Exp Physiol** 1985 Jul;70(3):337–45

Fluid compartmentation and articular mechanoreceptor discharge in the cat knee joint. Wood L, et al. **Q J Exp Physiol** 1985 Jul;70(3):329–35

Reflex partitioning of inputs from stretch receptors of bronchi and thoracic trachea. Agostoni E, et al. **Respir Physiol** 1985 Jun;60(3):311–28

Ventilatory pressure loading at constant pulmonary FCO2 in Gallus domesticus. Ballam GO, et al. **Respir Physiol** 1984 Nov;58(2):197–206

Breathing pattern and diaphragm EMG after SO2 in rabbit intra- or extrathoracic airways. Citterio G, et al. **Respir Physiol** 1985 Feb;59(2):169–83

Laryngeal pressure receptors. Mathew OP, et al. **Respir Physiol** 1984 Jul;57(1):113–22

Respiratory volume-timing relationship during sustained elevation of functional residual capacity. Muza SR, et al. **Respir Physiol** 1984 Oct;58(1):77–86

Physiological properties of the electro- and mechanoreceptors in catfish Ictalurus nebulosus. Tong SL, et al. **Sci Sin [B]** 1984 Oct;27(10):1023–8

The spiracular organ of sharks and skates: anatomical evidence indicating a mechanoreceptive role. Barry MA, et al. **Science** 1984 Nov 23;226(4677):990–2

Functional properties of slowly adapting mechanoreceptors in cat footpad skin. Ferrington DG. **Somatosens Res** 1985; 2(3):249–61

Two-point discriminability: relation to properties of the somatosensory system. Fuchs JL, et al. **Somatosens Res** 1984;2(2):163–9

Ruffini mechanoreceptors in isolated joint capsule: responses correlated with strain energy density. Grigg P, et al. **Somatosens Res** 1984;2(2):149–62

Sympathetically induced changes in the responses of slowly adapting type I receptors in cat skin. Roberts WJ, et al. **Somatosens Res** 1985;2(3):223–36

Signaling of ankle joint position by receptors in different muscles. Simon J, et al. **Somatosens Res** 1984;2(2):127–47

[Cardiac mechanoreactive reflexes] Pan JY. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):24–9 **(Chi)**

[Role of afferent signals from the extrinsic muscles of the eye during visual development] Buisseret P. **Rev Otoneuroophtalmol** 1984 May–Jun;56(3):227–30 **(Fre)**

[Neurophysiology of ocular proprioceptors. Clinical value] Toupet M. **Rev Otoneuroophtalmol** 1984 May–Jun; 56(3):231–5 **(Fre)**

[Static and dynamic responses of mechanoreceptors within gastric wall to intragastric pressure changes] Juan I. **Nippon Heikatsukin Gakkai Zasshi** 1983 Dec;19(6):519–26 (Eng. Abstr.) **(Jpn)**

[Neuronal reactions of the ventromedial hypothalamus to stimulation of gastric mechanoreceptors and to the intra-arterial administration of glucose and sodium chloride] Baklavadzhian OG, et al. **Fiziol Zh SSSR** 1984 Dec;70(12):1651–8 (Eng. Abstr.) **(Rus)**

[Changes in systemic and pulmonary hemodynamics during an increase in lung volume] Danilov LN. **Fiziol Zh SSSR** 1985 May;71(5):593–8 (Eng. Abstr.) **(Rus)**

[Mechanism of changes in central lymphatic volume flow with increase of pressure in the left atrium] Musatova LP, et al. **Fiziol Zh SSSR** 1985 May;71(5):609–13 (Eng. Abstr.) **(Rus)**

[Hyperemia in capillaries of the gastrocnemius muscle following stretching] Shustova NIa, et al. **Fiziol Zh SSSR** 1985 May;71(5):599–608 (Eng. Abstr.) **(Rus)**

[Role of calcium ions in the generation of abdominal sense organ response in the scallop] Doroshenko PA, et al. **Neirofiziologiia** 1984;16(4):475–80 (Eng. Abstr.) **(Rus)**

[Interaction between portions of the receptor membrane of the nerve cell in the generation of spike activity in the crayfish] Chumachenko AA, et al. **Zh Vyssh Nerv Deiat** 1985 Mar–Apr;35(2):374–6 **(Rus)**

PHYSIOPATHOLOGY

Distribution of intrarenal blood flow consequent to left atrial balloon inflation. Passmore JC, et al. **Circ Shock** 1985; 15(1):37–47

Effects of hypercapnia on Breuer-Hering threshold for inspiratory termination. Clanton TL, et al. **J Appl Physiol** 1984 Oct;57(4):1211–21

Facial reflex examination for assessment of trigeminal nerve involvement in pituitary fossa tumours. Bynke O. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):768–73

Exteroceptive reflexes abnormalities in stiff-man syndrome [letter] Martinelli P, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):92–3

Vasopressin secretion in progressive autonomic failure: evidence for defective afferent cardiovascular pathways. Williams TD, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):225–8

Dynamic and static stretch responses in muscle spindle receptors in fatigued muscle. Nelson DL, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):445–50

Overall analysis of the causes of pathophysiological problems in total artificial heart in animals by cardiac receptor hypothesis. Imachi K, et al. **Trans Am Soc Artif Intern Organs** 1984;30:591–6

ULTRASTRUCTURE

Morphology of presumptive slowly adapting receptors in dog trachea. Krauhs JM. **Anat Rec** 1984 Sep;210(1):73–85

Is the intimate relationship between ligaments and marginal specialized cells in the snake's spinal cord indicative of a

CNS mechanoreceptor? Schroeder DM, et al. **Brain Res** 1985 Feb 25;328(1):145-9

Are the funnel-canal organs the 'campaniform sensilla' of the shore crab, Carcinus maenas (Decapoda, Crustacea)? II. Ultrastructure. Schmidt M, et al. **Cell Tissue Res** 1984; 237(1):81-93

The effect of long-term denervation on the ultrastructure of Pacinian corpuscles in the cat. Zelená J. **Cell Tissue Res** 1984;238(2):387-94

Synaptic connections between the hindwing stretch receptor and flight motor neurones in the locust revealed by double cobalt labelling for electron microscopy. Peters BH, et al. **J Comp Neurol** 1985 Mar 8;233(2):269-84

An electron microscopic study of terminals of rapidly adapting mechanoreceptive afferent fibers in the cat spinal cord. Semba K, et al. **J Comp Neurol** 1985 Feb 8; 232(2):229-40

Multiple axon terminals in reinnervated Pacinian corpuscles of adult rat. Zelená J. **J Neurocytol** 1984 Oct;13(5):665-84

The possibilities of using the scanning electron microscope for the study of sensory corpuscles. Malinovský L, et al. **Z Mikrosk Anat Forsch** 1984;98(4):621-30

MECHLORETHAMINE

ADVERSE EFFECTS

Nitrogen mustard (mechlorethamine) and UVB photocarcinogenesis: a dose response effect. Epstein JH. **J Invest Dermatol** 1984 Nov;83(5):320-2

HISTORY

Nitrogen mustard: the origin of chemotherapy for cancer. Einhorn J. **Int J Radiat Oncol Biol Phys** 1985 Jul; 11(7):1375-8

PHARMACODYNAMICS

Sensitivity of mitomycin C and nitrogen mustard crosslinks to extreme alkaline conditions. Gruenert DC, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):549-54

Effect of misonidazole pretreatment on nitrogen mustard-induced DNA cross-linking in mouse tissues in vivo. Murray D, et al. **Br J Cancer** 1984 Dec;50(6):801-8

Effects of mechlorethamine on lysosomal enzyme release from HeLa and 3T3 cells. Kavli G, et al. **Chemotherapy** 1985;31(2):160-8

Inhibition of the acute ocular responses to nitrogen mustard by colchicine. Williams RN, et al. **Exp Eye Res** 1984 Dec; 39(6):721-9

Dose and interval relationship for the interaction of WR-2721 and nitrogen mustard with normal and malignant cells. Valeriote F, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1561-4

DNA-DNA and DNA-protein crosslinking and repair in Neurospora crassa following exposure to nitrogen mustard. Baker JM, et al. **Mutat Res** 1984 Nov-Dec;132(5-6):171-9

Induction of chromosome damage by Neurospora endonuclease in repair-inhibited quiescent normal human fibroblasts. Sen P, et al. **Mutat Res** 1984 Dec;129(3):359-64

Dichloroethyl carbamoyl ester of delta-9-tetrahydrocannabinol. Chemical synthesis and biological testing and evaluation as a potentially site-specific anti-tumor agent. Kaplan NC. **Sci Sin [B]** 1984 Oct;27(10):1048-58

THERAPEUTIC USE

Topical nitrogen mustard in early mycosis fungoides. A 12-year experience. Zachariae H, et al. **Acta Derm Venereol (Stockh)** 1985;65(1):53-8

Response of mycosis fungoides to topical chemotherapy with mechlorethamine. Ramsay DL, et al. **Arch Dermatol** 1984 Dec;120(12):1585-90

Skin lesions in chronic granulocytic leukemia. Treatment of a patient with topical nitrogen mustard. Murphy WG, et al. **Cancer** 1985 Jun 1;55(11):2630-3

Nitrogen mustard and methylprednisolone in severe rheumatoid arthritis [letter] Kalra M, et al. **Clin Rheumatol** 1984 Dec;3(4):554-5

Topical nitrogen mustard in mycosis fungoides. Zachariae H. **Int J Clin Pharmacol Res** 1985;5(3):193-8

Nitrogen mustard therapy in idiopathic nephrotic syndrome of childhood. Broyer M, et al. **Int J Pediatr Nephrol** 1985 Jan-Mar;6(1):29-34

[Isolated cutaneous Langerhans histiocytosis. Clinical and immunohistologic improvement after local application of nitrogen mustard] Thivolet J, et al. **Ann Dermatol Venereol** 1984;111(8):765-6 **(Fre)**

[Histiocytosis X with perianovulvar eosinophilic granuloma. Favorable effect of the local application of nitrogen mustard onto anovulvar lesions] Verret JL, et al. **Ann Dermatol Venereol** 1985;112(2):165-6 **(Fre)**

TOXICITY

Neutralization of cis-dichlorodiamminеplatinum II and nitrogen mustard by thiols. Sauter C, et al. **Recent Results Cancer Res** 1984;94:232-6

MECHLORETHAMINE OXIDE see **MECHLORETHAMINE**

MECILLINAM see **AMDINOCILLIN**

MECKEL'S DIVERTICULUM

[Perforation of peptic ulcer of Meckel's diverticulum in children] Bairov GA, et al. **Klin Khir** 1985;(6):43-4 (Eng. Abstr.) **(Rus)**

[Perforation of Meckel's diverticulum with a pine needle] Gradusov EG, et al. **Pediatriia** 1984 Dec;(12):64 **(Rus)**

COMPLICATIONS

Crohn's disease presenting as a perforated Meckel's diverticulum. Cameron-Strange A. **Aust NZ J Surg** 1984 Oct;54(5):489-90

Ileocaecal intussusception of a previously recognized Meckel's diverticulum. Simpson RL. **Aust NZ J Surg** 1985 Apr;55(2):209-11

Unusual presentation of Meckel's diverticulum. Watt NA, et al. **J R Soc Med** 1985 Mar;78(3):258-60

Primary lymphoma of Meckel diverticulum: a case report. Al-Dabbagh AI, et al. **J Surg Oncol** 1985 Jan;28(1):19-20

Meckel's diverticulum: a vesico-diverticular fistula. Dearden C, et al. **Ulster Med J** 1983;52(1):73-4

[Meckel's diverticulum--the causes of prolonged and severe hemorrhages from the intestinal tract] Marinov K, et al. **Khirurgiia (Sofiia)** 1985;38(2):62-3 **(Bul)**

[Acute interstitial nephritis and Meckel's diverticulum] Noël C, et al. **Ann Med Interne (Paris)** 1984;135(6):456-9 (Eng. Abstr.) **(Fre)**

[Rare complications of Meckel's diverticulum. Perforation and bezoar] Freitag P, et al. **Z Arztl Fortbild (Jena)** 1985; 79(5):215-6 **(Ger)**

[2 cases of enterorrhagia caused by Meckel's diverticulum. Problems of diagnosis and therapy] Schönsberg A, et al. **Chir Ital** 1983 Dec;35(6):972-81 (Eng. Abstr.) **(Ita)**

[Complications of Meckel's diverticulum in adults] Płachta H, et al. **Wiad Lek** 1985 Mar 1;38(5):337-42 (Eng. Abstr.) **(Pol)**

[Complications of Meckel's diverticulum] Utiyama EM, et al. **Rev Paul Med** 1985 Jan-Feb;103(1):19-22 (Eng. Abstr.) **(Por)**

[Rare complication of Meckel's diverticulum] Apoian VT, et al. **Vestn Khir** 1985 Feb;134(2):61-2 **(Rus)**

[Rare form of intestinal strangulation associated with destructive appendicitis in a child] Ten IuV. **Vestn Khir** 1985 Jan;134(1):110 **(Rus)**

DIAGNOSIS

Intussusception of invaginated Meckel's diverticulum. Williamson RC, et al. **J R Soc Med** 1984 Aug;77(8):652-5

A congenital diverticulum of the small intestine; Meckel's diverticulum or duplication? Van Twisk R. **Neth J Surg** 1984 Aug;36(4):107-11

[Paravesical Meckel's diverticulum] Feistel H, et al. **ROFO** 1985 Jun;142(6):705-7 **(Ger)**

[Incidence and clinical aspects of Meckel's diverticulum and its complications] Bissi O, et al. **Chir Ital** 1982 Oct; 34(5):800-3 (Eng. Abstr.) **(Ita)**

[Diagnosis and treatment of Meckel's diverticulum] Belyĭ IS, et al. **Khirurgiia (Mosk)** 1985 Feb;(2):72-5 (Eng. Abstr.) **(Rus)**

[Massive intestinal hemorrhage from Meckel's diverticulum] Leijonmarck CE, et al. **Lakartidningen** 1985 Mar 20; 82(12):1061-2 **(Swe)**

FAMILIAL & GENETIC

[Bleeding Meckel's diverticulum in twins] Eike AM, et al. **Ugeskr Laeger** 1984 Dec 31;147(1):31 (Eng. Abstr.) **(Dan)**

HISTORY

[Grandfather, father and son--3 famous Meckel anatomists] Jagell S, et al. **Lakartidningen** 1985 Mar 20;82(12):1063 **(Swe)**

PATHOLOGY

[Ulcer perforation in Meckel's diverticulum] Büchler M, et al. **Leber Magen Darm** 1984 Jul;14(4):185-7 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Chronic intussusception of Meckel's diverticulum. Banerjee B, et al. **Br J Clin Pract** 1984 Oct;38(10):372-3

Diagnosis of Meckel's diverticulum in adults. Ho CS, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):378-81

RADIONUCLIDE IMAGING

Technetium pertechnetate scintigraphy to detect ectopic gastric mucosa in Meckel's diverticulum. Fries M, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):417-22

Hematochezia and the false negative Meckel's scan: a continued need for barium studies. Gebarski KS, et al. **Am J Gastroenterol** 1985 Oct;80(10):781-3

Unusual scintiscan appearance of Meckel's diverticulum. A case report. Patel BR, et al. **Clin Nucl Med** 1984 Oct; 9(10):554-5

Nonrotation of bowel. Possible pitfalls in Meckel's scanning. Yudd AP, et al. **Clin Nucl Med** 1985 May;10(5):377-8

Unusual scintigraphic presentation of a shifting Meckel's diverticulum. Zwas ST, et al. **Clin Nucl Med** 1985 Apr; 10(4):252-5

False-positive Meckel's scan in a case of infected ovarian cyst. Wise PA, et al. **Eur J Nucl Med** 1985;10(9-10):462-3

Patterns of intestinal activity with Meckel's scintigraphy. Blumhardt R, et al. **Gastrointest Radiol** 1984;9(4):353-6

[Nuclear medical detection of hemorrhage in the gastrointestinal tract] Hahn K, et al. **Dtsch Med Wochenschr** 1985 Jun 7;110(23):923-4 **(Ger)**

[Nuclear medicine diagnosis of hemorrhaging Meckel's diverticulum using 99mTC pertechnetate--demonstrated by 2 cases] Radke M, et al. **Kinderarztl Prax** 1985 May; 53(5):243-6 (Eng. Abstr.) **(Ger)**

[Modern diagnostic method in enterorrhagia caused by Meckel's diverticulum] Bissi D. **Pediatr Med Chir** 1983 Nov-Dec;5(6):551-4 (Eng. Abstr.) **(Ita)**

SURGERY

Meckel's diverticulum in the adult. Diamond T, et al. **Br J Surg** 1985 Jun;72(6):480-2

[Procedure to follow in the presence of a Meckel's diverticulum discovered by chance (letter)] Bastien J, et al. **Presse Med** 1985 Mar 23;14(12):697 **(Fre)**

[Asymptomatic carcinoid in a Meckel's diverticulum as the incidental finding in the operation of an abdominal aortic aneurysm] Walgenbach S, et al. **Leber Magen Darm** 1985 Jan;15(1):38-41 (Eng. Abstr.) **(Ger)**

VETERINARY

[Meckel's diverticulum as the cause of intestinal obstruction in the horse] Botz F, et al. **Tierarztl Prax** 1984;12(2):217-8 **(Ger)**

MECLIZINE

ADMINISTRATION & DOSAGE

In vitro release of meclozine hydrochloride from lipophilic suppository bases with or without tensides. Bećirević M, et al. **Pharmazie** 1984 Dec;39(12):828-30

MECLOFENAMIC ACID see under **ANTHRANILIC ACIDS**

MECLOQUALONE see under **QUINAZOLINES**

MECLOZINE see **MECLIZINE**

MECONIUM

Meconium peritonitis with thoracic extension. Kimball D, et al. **AJR** 1985 Jan;144(1):113-4

Suppositories do decrease bilirubinemia [letter] Alexander RC. **Am J Dis Child** 1985 Jan;139(1):12

The significance of meconium in midtrimester genetic amniocentesis. Allen R. **Am J Obstet Gynecol** 1985 Jun 15;152(4):413-7

Fatal meconium aspiration syndrome occurring despite airway management considered appropriate. Davis RO, et al. **Am J Obstet Gynecol** 1985 Mar 15;151(6):731-6

Effect of meconium on the detection of phosphatidylglycerol. Yambao TJ, et al. **Am J Obstet Gynecol** 1984 Oct 15; 150(4):426-30

Tension pneumomediastinum secondary to meconium aspiration syndrome [letter] Masuda T, et al. **Crit Care Med** 1984 Nov;12(11):1009

Meconium aspiration in infants: the experience of 51 cases. Chavalitdhamrong P, et al. **J Med Assoc Thai** 1985 Jan; 68(1):13-7

Conventional vs high-frequency jet ventilation in a piglet model of meconium aspiration: comparison of pulmonary and hemodynamic effects. Trindade O, et al. **J Pediatr** 1985 Jul;107(1):115-20

Fibroadhesive meconium peritonitis: in utero sonographic diagnosis. Nancarrow PA, et al. **J Ultrasound Med** 1985 Apr;4(4):213-5

The relationship of thrombocytopenia to the onset of persistent pulmonary hypertension of the newborn in the meconium aspiration syndrome. Horgan MJ, et al. **NY State J Med** 1985 Jun;85(6):245-7

Sonographic demonstration of the progression of meconium peritonitis. Williams J 3d, et al. **Obstet Gynecol** 1984 Dec; 64(6):822-6

Prenatal diagnosis of cystic fibrosis. II. Meconium ileus in affected fetuses. Muller F, et al. **Prenat Diagn** 1985 Mar-Apr;5(2):109-17

Scrotal masses caused by meconium peritonitis: prenatal sonographic diagnosis. Kenney PJ, et al. **Radiology** 1985 Feb;154(2):362

[Meconium aspiration syndrome] Suhonen H, et al. **Duodecim** 1984;100(13):785-90 **(Fin)**

[Giant cystic meconium peritonitis] Oba S. **Rinsho Hoshasen** 1984 Nov;29(12):1451-2 **(Jpn)**

[Endotracheal suction of meconial amniotic fluid] Cervantes FJ, et al. **Ginecol Obstet Mex** 1984 Mar;52(323):69-75 (Eng. Abstr.) **(Spa)**

ANALYSIS

The presence of a meconium-like substance in second-trimester amniotic fluid. Alger LS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):380-5

Ultrasound diagnosis of meconium-stained amniotic fluid [letter] Wong FW, et al. **Am J Obstet Gynecol** 1985 Jun

1;152(3):359

An ultrastructural study of meconium corpuscles in human foetal colon. Williams L, et al. **Anat Embryol (Berl)** 1985; 171(3):373-6

A new ganglioside in human meconium detected by antiserum against the human milk sialyloligosaccharide, LS-tetrasaccharide b. Prieto PA, et al.
Arch Biochem Biophys 1985 Aug 15;241(1):281-9

[Neonatal screening for mucoviscidosis using the BM-test-meconium] Grüttner R, et al.
Monatsschr Kinderheilkd 1985 Jan;133(1):54-6 (38 ref.) (Eng. Abstr.) **(Ger)**

[Is meconium admixture in the amniotic fluid a sign of fetal distress?] Mukhamadieva SM, et al.
Akush Ginekol (Mosk) 1984 Dec;(12):6-8 (41 ref.) **(Rus)**

ENZYMOLOGY

Occurrence of trypsin inhibitors in colostrum, meconium, and faeces of different species of ungulates and carnivores. Baintner K. **Acta Vet Hung** 1984;32(1-2):91-5

Different genes code for alkaline phosphatases from human fetal and adult intestine. Mueller HD, et al.
Biochem Biophys Res Commun 1985 Jan 16;126(1):427-33

Isolation and characterization of dipeptidyl peptidase IV from human meconium. Functional role of beta-casomorphins. Caporale C, et al. **FEBS Lett** 1985 May 20;184(2):273-7

IMMUNOLOGY

Structural analysis of the O-glycosidically linked core-region oligosaccharides of human meconium glycoproteins which express oncofoetal antigens. Hounsell EF, et al.
Eur J Biochem 1985 Apr 15;148(2):367-77

Further comparative studies on chemical properties of carcinoembryonic antigen in tumor tissues and closely related antigens in adult feces and meconium. Koga Y, et al. **Mol Immunol** 1985 Jan;22(1):67-73

PHYSIOLOGY

Effect of intra-alveolar meconium on pulmonary surface tension properties. Chen CT, et al. **Crit Care Med** 1985 Apr;13(4):233-6

Rectal or axillary temperature measurement: effect on plasma bilirubin and intestinal transit of meconium. Cottrell BH, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):734-9

Meconium aspiration and fetal acidosis. Mitchell J, et al.
Obstet Gynecol 1985 Mar;65(3):352-5

SECRETION

Significance of meconium during labour and its correlation with umbilical cord blood studies. Ramachandra K, et al.
Indian J Pediatr 1984 Mar-Apr;51(409):149-53

MEDAZEPAM see under **BENZODIAZEPINE TRANQUILIZERS**

MEDEX see **PHYSICIANS' ASSISTANTS**

MEDIAN EMINENCE

ANALYSIS

Characterization of tissue and releasable molecular forms of somatostatin-28[1-12]-like immunoreactivity in rat median eminence. Charpenet G, et al. **Endocrinology** 1985 May; 116(5):1863-8

Deficiency of immunoreactive somatostatin in the median eminence of Snell dwarf mice. Webb SM, et al.
Life Sci 1985 Apr 1;36(13):1239-45

Effects of intravenously administered 6-hydroxydopamine on the content of monoamines in the median eminence and neurointermediate lobe of the rat. Sheward WJ, et al.
Neurosci Lett 1985 Apr 9;55(2):141-4

Purification of a non-dopaminergic and non-GABAergic prolactin release-inhibiting factor (PIF) in sheep stalk-median eminence. Mizunuma H, et al.
Proc Soc Exp Biol Med 1985 Jan;178(1):114-20

ANATOMY & HISTOLOGY

The distribution of substance P in the habenulo-interpeduncular system of the frog shown by an immunohistochemical method. Kemali M, et al.
Arch Ital Biol 1984 Dec;122(4):269-80

Origin and termination of dorsal raphe-median eminence projection. Villar MJ, et al. **Brain Res** 1984 Dec 17; 324(1):165-70

Size, form and orientation of the neuronal perikarya and nuclei in the nucleus infundibularis of the male rat. Pera F, et al. **J Hirnforsch** 1985;26(1):91-108

BLOOD SUPPLY

Resistance vessels supplying the median eminence of the rabbit, rat, and cat. Page RB, et al. **Anat Rec** 1984 Dec; 210(4):647-55

Oxytocin and vasopressin in rat hypophysial portal blood: experimental studies in normal and Brattleboro rats. Horn AM, et al. **J Endocrinol** 1985 Feb;104(2):211-24

CYTOLOGY

Tanycytes in the medial habenular nucleus of the rat. Cupédo RN, et al. **Anat Embryol (Berl)** 1985;172(1):7-10

Distribution of immunoreactive growth hormone releasing factor(1-44)NH2 in the tuberoinfundibular system of the rhesus monkey. Lechan RM, et al. **Brain Res** 1984 Aug 20;309(1):55-61

Fine structure and vascular supply of the median eminence (ME) in Acipenser ruthenus (Chondrostei). Kotrschal K, et al. **J Hirnforsch** 1985;26(3):333-51

DRUG EFFECTS

Noradrenaline and prostaglandin E2 stimulate LH-RH release from rat median eminence through distinct 1-alpha-adrenergic and PGE2 receptors. Heaulme M, et al. **Neuroendocrinology** 1984 Nov;39(5):403-7

EMBRYOLOGY

[Formation of the external zone of the median eminence of rats in the perinatal period] Ugriumov MV, et al.
Ontogenez 1984 Sep-Oct;15(5):505-13 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Catecholaminergic and GABAergic anatomical relationship in the rat substantia nigra, locus coeruleus, and hypothalamic median eminence: immunocytochemical visualization of biosynthetic enzymes on serial semithin plastic-embedded sections. Berod A, et al.
J Histochem Cytochem 1984 Dec;32(12):1331-8

METABOLISM

Corticotropin-releasing factor increases noradrenaline turnover in the median eminence and reduces noradrenaline turnover in the paraventricular region of the hypophysectomized male rat. Andersson K, et al.
Acta Physiol Scand 1984 Apr;120(4):621-4

In vitro dopamine biosynthesis in the median eminence of rat hypothalamic slices: possible involvement of a Na+-Ca2+ exchange mechanism. Arita J, et al.
Brain Res 1985 Jul 15;338(2):384-6

Plasticity of vasopressin- and oxytocin-containing fibers in the median eminence in hypophysectomized young and old mice. Kawamoto K, et al. **Brain Res** 1985 Mar 18; 330(1):189-93

Topographical distribution of pro-opiomelanocortin-derived peptides (ACTH/beta-END/alpha-MSH) in the rat median eminence. Kiss JZ, et al. **Brain Res** 1985 Mar 11; 329(1-2):169-76

Adrenaline concentration and turnover in the arcuate nucleus and median eminence during the critical period in the rat. Sheaves R, et al. **Brain Res** 1984 Dec 10;323(2):326-9

Nighttime immunoreactive somatostatin content of the median eminence in hypo- and hyperthyroid rats. Webb SM, et al. **Comp Biochem Physiol [A]** 1985;80(4):575-7

Stimulation of somatostatin release from median eminence tissue incubated in vitro by taurine and related amino acids. Aguila MC, et al. **Endocrinology** 1985 Mar;116(3):1158-62

Decline of tuberoinfundibular dopaminergic function resulting from chronic hyperprolactinemia in rats. Sarkar DK, et al. **Endocrinology** 1984 Oct;115(4):1269-74

Rapid effects of hyperprolactinemia on basal prolactin secretion and dopamine turnover in the medial and lateral median eminence. Selmanoff M. **Endocrinology** 1985 May; 116(5):1943-52

Immunoreactive substance P and LH-RH content in median eminence and pituitary gland during proestrus, oestrus, lactation and after anterior hypothalamic deafferentation. Jakubowska-Naziemblo B, et al. **Exp Clin Endocrinol** 1985 Apr;85(2):155-66

Rapid changes in growth hormone regulation and hypothalamic somatostatin after transection of anterolateral pathways to the medial-basal hypothalamus in the rat. Kakucska I, et al. **J Endocrinol** 1985 Jan;104(1):121-7

Effects of psychoactive and non-psychoactive cannabinoids on neuroendocrine and testicular responsiveness in mice. Dalterio S, et al. **Life Sci** 1985 Apr 1;36(13):1299-306

Estimation of in vitro activity of tuberoinfundibular dopaminergic neurons by measurement of DOPA synthesis in the median eminence of hypothalamic slices. Arita J, et al. **Neuroendocrinology** 1984 Dec;39(6):524-9

Comparative immunoelectron microscopic localization of corticotropin-releasing factor (CRF-41) and oxytocin in the rat median eminence. Dreyfuss F, et al.
Neuroendocrinology 1984 Sep;39(3):284-7

Effect of acute ether stress on monoamine metabolism in median eminence and discrete hypothalamic nuclei of the rat brain and on anterior pituitary hormone secretion. Johnston CA, et al. **Neuroendocrinology** 1985 Jul;41(1):83-8

Corticotropin releasing factor (CRF): origin and course of afferent pathways to the median eminence (ME) of the rat hypothalamus. Merchenthaler I, et al.
Neuroendocrinology 1984 Oct;39(4):296-306

Suckling decreases dopamine turnover in both medial and lateral aspects of the median eminence in the rat. Selmanoff M, et al. **Neurosci Lett** 1985 Jun 4;57(1):25-30

Neuropeptides in the hypothalamo-hypophyseal system: lateral retrochiasmatic area as a common gate for neuronal fibers towards the median eminence. Palkovits M.
Peptides (Fayetteville) 1984;5 Suppl 1:35-9 (47 ref.)

NH2-terminal specificity and axonal localization of adrenocorticotropin binding sites in rat median eminence. Van Houten M, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(4):1271-5

PHYSIOLOGY

Effect of median eminence lesions and hormonal replacement on the prolactin receptors in the adrenal gland and Langerhans islets from ovariectomized adult rats. Lüthy IA, et al. **J Recept Res** 1985;5(1):105-19

Subfornical organ efferents influence the excitability of neurohypophyseal and tuberoinfundibular paraventricular nucleus neurons in the rat. Ferguson AV, et al.
Neuroendocrinology 1984 Nov;39(5):423-8

Release of prostaglandin E2 from the hypothalamus depends on extracellular Ca2+ availability: relation to LHRH release. Ojeda SR, et al. **Neuroendocrinology** 1984 Nov: 39(5):442-7

SECRETION

Stimulation of somatostatin release in vitro by synthetic human growth hormone-releasing factor by a nondopaminergic mechanism. Aguila MC, et al.
Endocrinology 1985 Aug;117(2):762-5

A role for extracellular copper in modulating prostaglandin E2 (PGE2) action: facilitation of PGE2 stimulation of the release of gonadotropin-releasing hormone (LHRH) from median eminence explants. Barnea A, et al.
Endocrinology 1985 Jul;117(1):415-7

Evidence for alpha 1-adrenergic stimulatory control of in vitro release of immunoreactive thyrotropin-releasing hormone from rat median eminence: in vivo corroboration. Tapia-Arancibia L, et al. **Endocrinology** 1985 Jun; 116(6):2314-9

Somatostatin release from the median eminence of unanesthetized rats: lack of correlation with pharmacologically suppressed growth hormone secretion. Fukata J, et al. **Neuroendocrinology** 1985 Mar;40(3):193-200

In vivo release of somatostatin from rat median eminence after local K+ infusion or delivery of nociceptive stress. Arancibia S, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):97-102

Dual effect of verapamil on K+-evoked release of endogenous dopamine from arcuate nucleus-median eminence complex. Di Renzo G, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):269-72

A ligand-specific action of chelated copper on hypothalamic neurons: stimulation of the release of luteinizing hormone-releasing hormone from median eminence explants. Barnea A, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7656-60

ULTRASTRUCTURE

Poststimulatory endocytosis, microvesicle repopulation and changes in smooth endoplasmic reticulum in nerve endings of the median eminence superfused in vitro. Zamora AJ, et al. **Neuroscience** 1984 Sep;13(1):105-17

MEDIAN FOREBRAIN BUNDLE see under **NEURAL PATHWAYS**

MEDIAN NERVE

see related
CARPAL TUNNEL SYNDROME

Median nerve compression lesions. Anatomical and clinical analysis. Goldner JL. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):199-223

Clinical and neurophysiologic characteristics of the pronator syndrome. Werner CO, et al. **Clin Orthop** 1985 Jul-Aug; (197):231-6

Posttraumatic neuroma of the median nerve: a cause of carpal tunnel syndrome. Martinelli P, et al. **Eur Neurol** 1985; 24(1):13-5

The incomplete anterior interosseous nerve syndrome. Hill NA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):4-16

Lipofibromas of the median nerve: long-term follow-up of four cases. Louis DS, et al. **J Hand Surg [Am]** 1985 May; 10(3):403-8

Entrapment of the median nerve and flexor pollicis longus tendon in an epiphyseal fracture-dislocation of the distal radioulnar joint: a case report. Sumner JM, et al.
J Hand Surg [Am] 1984 Sep;9(5):711-4

Median and ulnar nerve palsies after infiltration of intravenous fluid [letter] Dunn D, et al. **South Med J** 1984 Oct;77(10):1345

[Restoration of the opposition of the thumb in paralysis of the median nerve] Soncini G, et al.
Acta Biomed Ateneo Parmense 1984;55(3-4):189-96 (Eng. Abstr.) **(Ita)**

[A neurinoma localized first in the popliteal sciatic nerve and later in the median nerve] Venturi R, et al.
Chir Organi Mov 1982-83;68(4-6):797-810 (Eng. Abstr.) **(Ita)**

ABNORMALITIES

High division of the median nerve: unusual anatomical variation. Kitayama Y, et al. **Ann Plast Surg** 1985 Jan; 14(1):74-6

ANATOMY & HISTOLOGY

Anatomic variations in the motor and sensory supply of the thumb. Falconer D, et al. **Clin Orthop** 1985 May;(195):83-96

Anatomic observations of the carpal tunnel in cadavers with a report of unusual thickening of the perineurium of the median nerve. Karev A. **Plast Reconstr Surg** 1985 Jan;75(1):80-2

INJURIES

Isolated high median nerve injuries. Boswick JA Jr. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):132-40

The repair of peripheral nerve injuries in emergency. Merle M, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):338-46

Reconstruction of a balanced thumb through tendon transfers. Omer GE Jr. **Clin Orthop** 1985 May;(195):104-16

Delayed median nerve injury due to retained glass fragments. A report of two cases. Browett JP, et al. **J Bone Joint Surg [Br]** 1985 May;67(3):382-4

Severance of the thenar branch of the median nerve as a complication of carpal tunnel release. Lilly CJ, et al. **J Hand Surg [Am]** 1985 May;10(3):399-402

Terminal branch of anterior interosseous nerve as source of wrist pain. Dellon AL, et al. **J Hand Surg [Br]** 1984 Oct;9(3):316-22

Entrapment of the median nerve after dislocation of the elbow. Pritchett JW. **J Pediatr Orthop** 1984 Nov;4(6):752-3

[Nerve grafting with a fibrin seal] Osgaard O. **Ugeskr Laeger** 1984 Jul 16;146(29):2150-2 (Eng. Abstr.) **(Dan)**

[Plea for the primary microsurgical repair of peripheral nerve lesions. A comparative study of 150 injuries of the median or the ulnar nerve with a follow-up of more than 2 years] Merle M, et al. **Chirurgie** 1984;110(8-9):761-71 (Eng. Abstr.) **(Fre)**

[The anterior interosseous nerve syndrome. A rare lesion of a median nerve branch in the forearm. A case] Bouche P, et al. **Presse Med** 1985 Jan 12;14(1):31-3 (Eng. Abstr.) **(Fre)**

[High multiple nerve injuries of the upper limb] Haftek J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):427-32 (Eng. Abstr.) **(Pol)**

[Effectiveness of the rehabilitation of patients with combined injuries of the flexor tendons and nerves of the fingers] Rozovskaia TP, et al. **Vestn Khir** 1984 Oct;133(10):83-6 (Eng. Abstr.) **(Rus)**

[Electromyography in the diagnosis and evaluation of the efficacy of treatment of injuries of the median and ulnar nerves in children] Tabin VI, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1659-61 (Eng. Abstr.) **(Rus)**

[Early results of microsurgical suture of the median and ulnar nerves in the forearm] Belousov AE. **Zh Vopr Neirokhir** 1984 Jul-Aug;(4):32-4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Fibrolipomatous hamartoma of nerve. A clinicopathologic analysis of 26 cases. Silverman TA, et al. **Am J Surg Pathol** 1985 Jan;9(1):7-14

[Case report on lipofibromatous hamartoma of the median nerve: neuropathologic report of 2 cases] Schober R, et al. **Acta Neuropathol (Berl)** 1985;66(1):18-23 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

An analysis of spinal (median nerve) SEP components in healthy subjects. D'Alpa F. **Acta Neurol (Napoli)** 1984 Dec;6(6):413-7

Median nerve determinations [letter] **Arch Phys Med Rehabil** 1984 Dec;65(12):792-3

Residual latencies [letter] Bilbao A. **Arch Phys Med Rehabil** 1985 May;66(5):337

Orthodromic vs antidromic sensory nerve latencies in healthy persons. Chodoroff G, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):589-91

Descending lumbosacral cord potentials (DLCP) evoked by stimulation of the median nerve. Sarica Y, et al. **Brain Res** 1985 Jan 28;325(1-2):299-301

Effects on median nerve SEPs of tactile stimulation applied to adjacent and remote areas of the body surface. Kakigi R, et al. **Electroencephalogr Clin Neurophysiol** 1985 Jul;62(4):252-65

Nerve impulse propagation along central and peripheral fast conducting motor and sensory pathways in man. Rossini PM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Apr;60(4):320-34

Height influences F response parameters in the upper extremity. Russo LS Jr. **Electromyogr Clin Neurophysiol** 1985 Mar-Apr;25(2-3):165-73

Results of internal neurolysis of the median nerve for severe carpal-tunnel syndrome. Rhoades CE, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):253-6

Median nerve F-wave conduction in healthy subjects. Cornwall MW, et al. **Phys Ther** 1984 Nov;64(11):1679-83

PHYSIOPATHOLOGY

Somatosensory evoked potentials (SEPs) by median nerve stimulation in the evaluation of hemiplegics. Cosi V, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):85-92

Subcortical SEPs in upper cervical cord compression. A case report. D'Alpa F, et al. **Acta Neurol (Napoli)** 1984 Aug;6(4):304-8

Early cortical median nerve somatosensory evoked potentials. Prognostic value in anoxic coma. Walser H, et al. **Arch Neurol** 1985 Jan;42(1):32-8

Sensory palmar stimulation in the diagnosis of carpal tunnel syndrome. Monga TN, et al. **Arch Phys Med Rehabil** 1985 Sep;66(9):598-600

Somatosensory evoked potentials in cervical spondylosis. Correlation of median, ulnar and posterior tibial nerve responses with clinical and radiological findings. Yu YL, et al. **Brain** 1985 Jun;108 (Pt 2):273-300

Short-latency scalp somatosensory evoked potentials and central spine to scalp propagation characteristics during peroneal and median nerve stimulation in multiple sclerosis. Rossini PM, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):197-206

Subcortical, thalamic and cortical somatosensory evoked potentials to median nerve stimulation. Tsuji S, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov;59(6):465-76

Median nerve function after tendon transfer for ulnar paralysis. Brandsma JW, et al. **J Hand Surg [Br]** 1985 Feb;10(1):30-2

Orthodromic sensory action potentials from palmar stimulation in the diagnosis of carpal tunnel syndrome. Mills KR. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):250-5

Carpal tunnel syndrome: case data and nursing implications. Pyle KL, et al. **J Neurosurg Nurs** 1984 Dec;16(6):292-8

Effects of increased systemic blood pressure on the tissue fluid pressure threshold of peripheral nerve. Szabo RM, et al. **J Orthop Res** 1983;1(2):172-8

[Short-latency somatosensory evoked potentials in injuries of the cervical division of the spinal cord] Livshits AV, et al. **Zh Vopr Neirokhir** 1985 Jul-Aug;(3):44-9 (Eng. Abstr.) **(Rus)**

SURGERY

Internal neurolysis or ligament division only in carpal tunnel syndrome--results of a randomized study. Holmgren-Larsson H, et al. **Acta Neurochir (Wien)** 1985;74(3-4):118-21

The restoration of sensibility by nerve translocation. Lewis RC Jr, et al. **Bull Hosp Jt Dis Orthop Inst** 1984 Fall;44(2):288-96

Evaluation of the use of the argon laser in repairing rat and primate nerves. Almquist EE, et al. **J Hand Surg [Am]** 1984 Nov;9(6):792-9

[Motor, sensory electroneurographic and electromyographic results as well as somatosensory evoked potentials in comparison to clinical findings following nerve suture] Tackmann W, et al. **Fortschr Neurol Psychiatr** 1985 Apr;53(4):123-33 (Eng. Abstr.) **(Ger)**

MEDIASTINAL CYST

COMPLICATIONS

A case report of bronchogenic cyst in an infant causing acute respiratory distress. Ichikawa T, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):39-42

Cystic duplications of the esophagus and neurenteric cysts. Superina RA, et al. **J Pediatr Surg** 1984 Oct;19(5):527-30

[Bronchogenic cysts compressing the trachea and main bronchus] Balquet P. **Chir Pediatr** 1984;25(4-5):270-5 (Eng. Abstr.) **(Fre)**

CONGENITAL

Bronchial atresia associated with a bronchogenic cyst. Evidence of early appearance of atretic segments. Williams AJ, et al. **Chest** 1985 Mar;87(3):396-8

Persistent cervical thymus with a small cyst in a newborn infant. Chiba T, et al. **Z Kinderchir** 1984 Aug;39(4):265-6

DIAGNOSIS

Echocardiographic features of a mediastinal pancreatic pseudocyst. Aroney CN, et al. **Br Heart J** 1985 May;53(5):571-3

[Diagnosis and differential diagnosis of primary mediastinal tumors and cysts] Sun YQ. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):581-3, 636 (Eng. Abstr.) **(Chi)**

ETIOLOGY

Traumatic pulmonary pseudocysts and paramediastinal air cyst: two rare complications of blunt chest trauma. Stulz P, et al. **J Trauma** 1984 Sep;24(9):850-3

The incidence of extracellular thymic cysts in intact and gonadectomized Syrian hamsters, untreated and treated with diethylstilbestrol and steroidal hormones. Kirkman H, et al. **Thymus** 1985;7(2):95-109

PATHOLOGY

Cervical thymic cyst--a case report. Saxena R, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):607-8

Cervical thymic cyst: case report and review of literature. Barat M, et al. **Laryngoscope** 1985 Jan;95(1):89-91

Cervical mediastinal thymic parathyroid cyst. Silver WE. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):403-8

[Ectopic thymic cysts of the anterior mediastinum] Gabbrielli S, et al. **Arch De Vecchi Anat Patol** 1983 Jul;65(2-3):251-63 **(Ita)**

[A case of cervico-mediastinal thymic cyst with normal parathyroid tissue in its wall] Okada K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):396-9 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

Spontaneous disappearance of a chronic mediastinal mass. Chapman KR, et al. **Chest** 1985 Feb;87(2):235-6

CT demonstration of a caseating granuloma forming a cyst in mediastinal lymph node. Shah ZR, et al. **Comput Radiol** 1985 May-Jun;9(3):163-7

Thymic cysts in mediastinal Hodgkin disease. Lindfors KK, et al. **Radiology** 1985 Jul;156(1):37-41

SURGERY

Mediastinal cysts and tumors. le Roux BT, et al. **Curr Probl Surg** 1984 Nov;21(11):1-77 (276 ref.)

[Surgical treatment of primary mediastinal tumor and cyst. Report of 327 cases] Zhang DW. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):123-7 (Eng. Abstr.) **(Chi)**

[Pedicled left-sided pericardial coelomic cyst] Maruszyński M, et al. **Wiad Lek** 1984 Mar 15;37(6):457-9 (Eng. Abstr.) **(Pol)**

[Tumors and cysts of the mediastinum] Feofilov GL, et al. **Grudn Khir** 1985 Jan-Feb;(1):61-4 (Eng. Abstr.) **(Rus)**

[Surgical treatment of true cysts of the thymus gland] Koroleva NS, et al. **Grudn Khir** 1984 Sep-Oct;(5):67-71 (Eng. Abstr.) **(Rus)**

[Benign tumors and cysts of the mediastinum] Vagner EA, et al. **Vestn Khir** 1985 Mar;134(3):3-8 (Eng. Abstr.) **(Rus)**

THERAPY

Fine needle mediastinal cyst aspiration--a new therapeutic approach. Walker WJ. **Br J Radiol** 1985 Jul;58(691):679-81

MEDIASTINAL DISEASES

COMPLICATIONS

Adult T-cell leukemia-lymphoma with mediastinal involvement and an asymptomatic chronic phase. Amato D, et al. **Can Med Assoc J** 1984 Sep 15;131(6):595-600

Tuberculous mediastinal lymphadenitis with a chest wall mass. Rana SR, et al. **Pediatr Radiol** 1985;15(2):127-8

Painful dysphagia in a case of mediastinal tuberculous lymphadenopathy. Ghimire MP, et al. **Postgrad Med J** 1985 May;61(715):427-8

Seminoma and sarcoidosis: an unusual association. Blacher EJ, et al. **Urology** 1985 Sep;26(3):288-9

DIAGNOSIS

Transesophageal mediastinal sonography. Bönhof JA, et al. **Ann Radiol (Paris)** 1985;28(1):19-20

Sagittal MR imaging of the chest: normal and abnormal. Webb WR, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):471-9

Magnetic resonance imaging of the chest: a diagnostic comparison with computed tomography and hilar tomography. Berquist TH, et al. **Magn Reson Imaging** 1984;2(4):315-27

[Mediastinoscopy for the diagnosis of tuberculosis of mediastinal lymph nodes] Tan YL. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):72-3 **(Chi)**

[Magnetic resonance: imaging of the heart and mediastinum] Kaiser W. **Radiol Med (Torino)** 1984 Oct;70(10):752-62 (Eng. Abstr.) **(Ita)**

[Ultrasonographic evaluation of intrathoracic diseases] Ikezoe J. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Jul 25;44(7):924-47 (Eng. Abstr.) **(Jpn)**

[A case of esophageal cyst located at middle mediastinum] Yokoyama S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):415-8 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Massive mediastinal hematoma caused by a double-lumen subclavian catheter [letter] Tapson JS. **Artif Organs** 1984 Nov;8(4):501-2

Bilateral hydrothorax and hydromediastinum after a subclavian line insertion. Naguib M, et al. **Can Anaesth Soc J** 1985 Jul;32(4):412-4

Unusual complications of central venous catheterization in thrombocytopenic patient. Tamura K, et al. **Eur J Radiol** 1985 May;5(2):154-5

Rare complication of subclavian vein catheterization [letter] Sarkar TK, et al. **Postgrad Med** 1985 Jan;77(1):48, 50

MICROBIOLOGY

[Thoracic actinobacteriosis due to Actinomyces naeslundii] Chapoy P, et al. **Arch Fr Pediatr** 1984 Dec;41(10):701-3 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Nodular mediastinal amyloidosis. Shaw P, et al. **Hum Pathol** 1984 Dec;15(12):1183-5

[Mediastinal hematopoietic pseudotumor in beta-thalassemia. Value of transcutaneous fine-needle puncture (letter)] Roche J, et al. **Presse Med** 1984 Sep 15;13(31):1899-900 **(Fre)**

[Morphological criteria of sarcoidosis] Kazak TI, et al. **Probl Tuberk** 1985;(2):58-62 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Pitfalls in CT recognition of mediastinal lymphadenopathy. Glazer HS, et al. **AJR** 1985 Feb;144(2):267-74

Posterosuperior mediastinal widening in aortic coarctation. Woodring JH, et al. **AJR** 1985 Jan;144(1):23-5

Current concepts in computerized tomography of the mediastinum. Moore AV, et al. **CRC Crit Rev Diagn Imaging** 1985;24(1):1-38 (74 ref.)

Plain film manifestations of retrocrural disease. Shapir J, et al. **J Can Assoc Radiol** 1984 Sep;35(3):318-21

Congenital left superior vena cava with absent right superior vena cava: a cause of progressive mediastinal widening. Weisbrod GL, et al. **J Can Assoc Radiol** 1985 Jun; 36(2):155-7

Primary mediastinal echinococcosis. Mathur RK, et al. **J Comput Tomogr** 1985 Jul;9(3):195-7

The direct approach to posterior mediastinal masses by fine-needle biopsy. Sinner WN. **Oncology** 1985; 42(3):187-92

Mediastinal lymphadenopathy and pulmonary arterial hypertension in mixed connective tissue disease. Guit GL, et al. **Radiology** 1985 Feb;154(2):305-6

Mediastinal tumors and pseudotumors: evaluation by computerized tomography. Devkota J. **South Med J** 1985 Apr;78(4):393-6

Anterior mediastinal mass and Graves' disease. Ford HC, et al. **Thorax** 1985 Jun;40(6):469-70

[Computer tomography of mediastinal lesions] Salamoun V, et al. **Cesk Radiol** 1984 Jul;38(4):227-34 (Eng. Abstr.) **(Cze)**

[Mediastinal tuberculosis with invasion of the esophagus] Goebel N, et al. **Prax Klin Pneumol** 1985 Jan;39(1):28-32 (Eng. Abstr.) **(Ger)**

[Computed tomography in mediastinal widening] Polák J, et al. **Radiol Diagn (Berl)** 1985;26(2):205-12 (Eng. Abstr.) **(Ger)**

[Mediastinal pancreatic pseudocyst] Will CH, et al. **ROFO** 1985 Jul;143(1):107-9 **(Ger)**

[Castelman's tumor of the mesentery] Mirescu D, et al. **Radiol Med (Torino)** 1985 Mar;71(3):164-6 **(Ita)**

[CT images of anomalies of the mediastinal vessels--differentiation from mediastinal lymphadenopathy] Yoshida S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):365-9 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Extraosseous 99mTc-MDP uptake in mediastinal thyroid goiter: two case reports. Garty I, et al. **Eur J Nucl Med** 1984;9(11):521-4

[Case of mediastinal goiter associated with adenomatous goiter] Ohkubo H, et al. **Rinsho Hoshasen** 1985 Feb; 30(2):291-2 **(Jpn)**

SURGERY

[Ultrasonically guided drainage of thymic cyst] Ikezoe J, et al. **Rinsho Hoshasen** 1985 Mar;30(3):411-4 (Eng. Abstr.) **(Jpn)**

THERAPY

[Endoscopic occlusion of a tumor-caused esophago-mediastinal fistula with a rapidly hardening amino acid solution (letter)] Riemann JF. **Dtsch Med Wochenschr** 1985 Mar 8;110(10):396 **(Ger)**

MEDIASTINAL EMPHYSEMA

CH[illegible]CALLY INDUCED

Pneumomediastinum in a young male cocaine user [letter] Morris JB, et al. **Ann Emerg Med** 1985 Feb;14(2):194-6

COMPLICATIONS

Retropharyngeal emphysema and acute upper respiratory distress: a complication of mediastinal emphysema. Silfen EZ. **Am J Emerg Med** 1984 Sep;2(5):402-5

Spontaneous combined intraperitoneal gas and supraclavicular subcutaneous emphysema. Ward MW, et al. **J R Coll Surg Edinb** 1984 Nov;29(6):385-6

[Spontaneous pneumomediastinum associated with anorexia nervosa (letter)] Recasens A, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):377 **(Spa)**

[Pneumomediastinum in diabetic ketoacidosis] Hedstrand H, et al. **Lakartidningen** 1984 Oct 24;81(43):3926-7 **(Swe)**

DIAGNOSIS

Pneumomediastinum: pitfalls in diagnosis and management. Kopecky SL. **Minn Med** 1984 Dec;67(12):683-4

ETIOLOGY

A rare complication of anastomotic leakage after low anterior resection of the rectum. Brynitz S. **Ann Chir Gynaecol** 1985; 74(2):101-3

More on adult spontaneous pneumomediastinum [letter] Vidal F, et al. **Arch Intern Med** 1985 Apr;145(4):762-3

Tension pneumomediastinum secondary to meconium aspiration syndrome [letter] Masuda T, et al. **Crit Care Med** 1984 Nov;12(11):1009

Bronchial laceration in a newborn with persistent posterior pneumomediastinum. Purohit DM, et al. **J Pediatr Surg** 1985 Feb;20(1):82-5

Spontaneous pneumomediastinum: a report of 10 cases and review of the literature. Halperin AK, et al. **NC Med J** 1985 Jan;46(1):21-3

Pneumothorax, pneumomediastinum, and pneumopericardium following Valsalva's maneuver during marijuana smoking. Birrer RB, et al. **NY State J Med** 1984 Dec;84(12):619-20

Spontaneous pneumomediastinum as a consequence of cocaine use. Bush MN, et al. **NY State J Med** 1984 Dec; 84(12):618-9

Pneumomediastinum: an unusual complication of acute gastrointestinal disease. Woodruff WW 3d, et al. **Pediatr Radiol** 1985;15(3):196-8

Asthma and pneumomediastinum [letter] **Pediatrics** 1985 May;75(5):990-1

[Pneumomediastinum and subcutaneous emphysema after translaryngeal jet ventilation] Bourreli B, et al. **Ann Fr Anesth Reanim** 1984;3(5):377-9 (Eng. Abstr.) **(Fre)**

[Mediastinal and subcutaneous emphysema in diabetic acidoketosis (letter)] Cougard P, et al. **Presse Med** 1985 May 11;14(19):1095-6 **(Fre)**

[Spontaneous pneumomediastinum (letter)] Hernández Hernández JA, et al. **Rev Clin Esp** 1985 Jan;176(1):51-2 **(Spa)**

RADIOGRAPHY

Paramediastinal pneumatocele: alternative explanations to gas in the pulmonary ligament. Godwin JD, et al. **AJR** 1985 Sep;145(3):525-30

An unusual presentation of spontaneous pneumomediastinum. Werne C, et al. **Ann Emerg Med** 1985 Oct;14(10):1010-3

Pneumomediastinum: a diagnostic problem. Cyrlak D, et al. **CRC Crit Rev Diagn Imaging** 1984;23(1):75-117 (64 ref.)

Infra-azygous pneumomediastinum versus pulmonary ligament air collection: CT evaluation. Morrison SC, et al. **Pediatr Radiol** 1985;15(2):129-30

[A 23-year-old female patient with precordial chest pain] Baur X, et al. **Internist (Berlin)** 1985 Jun;26(6):357-60 **(Ger)**

[Diagnosis of posterior pneumomediastinum in newborn infants] Esterl D, et al. **Zentralbl Gynakol** 1985; 107(5):317-21 (Eng. Abstr.) **(Ger)**

THERAPY

[A report on 21 cases of mediastinal emphysema] Wei JZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):95-6 (Eng. Abstr.) **(Chi)**

VETERINARY

Tracheal rupture in two horses. Fubini SL, et al. **J Am Vet Med Assoc** 1985 Jul 1;187(1):69-70

MEDIASTINAL NEOPLASMS

Malignant germ cell tumors of the mediastinum. Knapp RH, et al. **J Thorac Cardiovasc Surg** 1985 Jan;89(1):82-9

Mediastinal germinoma: two cases. Kersh CR, et al. **Va Med** 1985 Jan;112(1):42-4

[Mediastinal choriocarcinoma in acute myeloblastic leukemia (letter)] Bove V, et al. **Presse Med** 1985 Apr 27;14(17):979 **(Fre)**

[A case of giant neurinoma of the mediastinum] Fornaciari G, et al. **G Clin Med** 1985 Mar-Apr;66(3-4):83-8 (Eng. Abstr.) **(Ita)**

ANALYSIS

[Immunohistochemical findings in intrathoracic tumors. III. Detection of carcinoembryonic antigen in tumor tissue] Eckert H, et al. **Z Erkr Atmungsorgane** 1984;163(1):54-60 (Eng. Abstr.) **(Ger)**

BLOOD

Hematologic malignancies associated with primary mediastinal germ-cell tumors. Nichols CR, et al. **Ann Intern Med** 1985 May;102(5):603-9

CHEMICALLY INDUCED

Pericardial pseudoeffusion due to steroid-induced lipomatosis. Mulrow CD, et al. **NC Med J** 1985 Mar; 46(3):179-80

CLASSIFICATION

[Classification and pathology of mediastinal tumors] Matsuyama M. **Gan To Kagaku Ryoho** 1985 Jul; 12(7):1400-6 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Reversible right ventricular outflow tract compression by immunoblastic sarcoma. Come PC, et al. **Am J Cardiol** 1985 Jan 1;55(1):239-40

Benign mediastinal teratoma associated with Klinefelter's syndrome. Fujimoto Y, et al. **Jpn J Surg** 1985 May; 15(3):221-4

[Pleural effusion due to rupture of benign cystic teratoma into left pleural cavity: a review of the Japanese literature] Tatsumura T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):2013-20 (Eng. Abstr.) **(Jpn)**

[Chylothorax in lymphoma] Wiatr E, et al. **Pneumonol Pol** 1984 Aug;52(8):385-91 (Eng. Abstr.) **(Pol)**

[Lymphangiomatosis çomplicated by chylothorax] Bugaeva MI, et al. **Sov Med** 1984;(7):112-3 **(Rus)**

[Giant teratoma of the anterior mediastinum with an intrathoracic stress syndrome in a child] Murzin IuV, et al. **Vestn Khir** 1985 Feb;134(2):99-101 **(Rus)**

CONGENITAL

[Mediastinal teratoma responsible for neonatal respiratory distress] Labbé A, et al. **Ann Chir** 1984 Oct;38(7):557-9 (Eng. Abstr.) **(Fre)**

[Tracheobronchial compression by congenital tumors] Chappuis JP. **Chir Pediatr** 1984;25(4-5):279-83 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

Magnetic resonance imaging of neuroblastoma with a 0.15-T magnet. Cohen MD, et al. **AJR** 1984 Dec;143(6):1241-8

Magnetic resonance imaging of mediastinal and hilar masses: comparison with CT. Levitt RG, et al. **AJR** 1985 Jul; 145(1):9-14

Detection of posterior mediastinal lymphoma by pulsed Doppler echocardiography. Kinney EL, et al. **Am Heart J** 1984 Nov;108(5):1365-9

A case of large 'thymic granuloma'. Neoplasm of T-zone histiocyte. Suematsu N, et al. **Cancer** 1984 Dec 1; 54(11):2480-6

Two-dimensional echocardiographic detection of mediastinal pheochromocytoma. Cueto-Garcia L, et al. **Chest** 1985 Jun; 87(6):834-6

Localization of mediastinal paragangliomas (pheochromocytoma). Sheps SG, et al. **Chest** 1985 Jun; 87(6):807-9

Diagnostic imaging in mediastinal thyroid tumor. Shih WJ, et al. **Clin Nucl Med** 1984 Dec;9(12):702-7

Endoscopic ultrasonography in the assessment of intra- and transmural infiltration of tumours in the oesophagus, stomach and papilla of Vater and in the detection of extraoesophageal lesions. Tio TL, et al. **Endoscopy** 1984 Nov;16(6):203-10

Tumors of the mediastinum. Earle GF. **J Ky Med Assoc** 1984 Nov;82(11):579-81

Sonography of a large mediastinal teratoma with CT correlation. Oates E, et al. **JCU** 1985 May;13(4):278-80

Extragonadal germ-cell cancer [letter] Sappino AP, et al. **N Engl J Med** 1985 Mar 14;312(11):725-6

Thymoma presenting as a middle mediastinal mass. Bradford R, et al. **Postgrad Med J** 1984 Sep;60(707):611-3

Carcinomatous involvement of the hilum and mediastinum: computed tomographic and magnetic resonance evaluation. Heelan RT, et al. **Radiology** 1985 Jul;156(1):111-5

Localization, incidence, diagnosis and treatment of extratesticular germ cell tumors. Kühn MW, et al. **Urol Int** 1985;40(3):166-72

[Diagnosis and differential diagnosis of primary mediastinal tumors and cysts] Sun YQ. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):581-3, 636 (Eng. Abstr.) **(Chi)**

[Diagnosis and surgical treatment of cervico-mediastinal and mediastinal cystic lymphangioma] Zhang MW. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):584-5, 636 (Eng. Abstr.) **(Chi)**

[Asymptomatic widening of the mediastinum] Poeschmann PH, et al. **Ned Tijdschr Geneeskd** 1984 Aug 11; 128(32):1507-10 (Eng. Abstr.) **(Dut)**

[Initial findings with magnetic resonance tomography of mediastinal and hilar tumors] Steinbrich W, et al. **ROFO** 1984 Dec;141(6):629-35 (Eng. Abstr.) **(Ger)**

[Primary mediastinal yolk sac tumor. Problems of diagnosis and therapy] Niewald M, et al. **Rontgenpraxis** 1984 Dec; 37(12):468-70 **(Ger)**

[Thyroid tumors in the mediastinum] Palestini N, et al. **Chir Ital** 1983 Jun;35(3):287-95 (Eng. Abstr.) **(Ita)**

[Percutaneous fine needle biopsy for malignant mediastinal tumors] Oiwa T, et al. **Gan No Rinsho** 1985 Feb;31(2):141-4 (Eng. Abstr.) **(Jpn)**

[Diagnosis and treatment of mediastinal teratoid tumors] Ito M, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1361-70 (Eng. Abstr.) **(Jpn)**

[Ultrasonic diagnosis of chest diseases] Ikezoe J, et al. **Rinsho Hoshasen** 1984 Oct;29(11 Suppl):1175-85 **(Jpn)**

[A case of partial eventration of the right diaphragm simulating a mediastinal tumor] Sasaki F, et al. **Rinsho Hoshasen** 1985 Jan;30(1):125-7 (Eng. Abstr.) **(Jpn)**

[Extragonadal germ cell cancer in the mediastinum] Mella O, et al. **Tidsskr Nor Laegeforen** 1985 May 30; 105(15):1060-3 (Eng. Abstr.) **(Nor)**

[A case of localized pleural mesothelioma simulating mediastinal tumor] Przystasz T, et al. **Pneumonol Pol** 1984 Aug;52(8):393-6 (Eng. Abstr.) **(Pol)**

[Changes in the lungs and mediastinum in Hodgkin's disease] Gabryś K, et al. **Pol Tyg Lek** 1985 May 20;40(20):576-9 (Eng. Abstr.) **(Pol)**

[Ganglioneuroma--a rare mediastinal tumor] Obara A, et al. **Wiad Lek** 1984 Apr 1;37(7):537-9 (Eng. Abstr.) **(Pol)**

[Role of cytological research in the diagnosis of lymphogranulomatosis] Kazantseva VM. **Arkh Patol** 1984; 46(12):61-3 (Eng. Abstr.) **(Rus)**

[Giant lipoma of the anterior mediastinum simulating heart disease] Sardak VG, et al. **Klin Khir** 1984 Oct;(10):62-3 **(Rus)**

[Mediastinal tumors in children] García Hernández A, et al. **An Esp Pediatr** 1985 Mar 31;22(4):267-74 (Eng. Abstr.) **(Spa)**

[Mediastinal tumor in a patient with acute myeloblastic leukosis (letter)] Gardella S, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):393-4 **(Spa)**

DRUG THERAPY

Effectiveness of a six-drug regimen (APO) without local irradiation for treatment of mediastinal lymphoblastic lymphoma in children. Camitta BM, et al. **Cancer** 1985 Aug 15;56(4):738-41

Phase II trial of mitoguazone in patients with refractory germ cell tumors. Chun H, et al. **Cancer Treat Rep** 1985 Apr; 69(4):461-2

Successful treatment of mediastinal germ cell/endodermal sinus tumors. Vogelzang NJ, et al. **Chest** 1985 Jul;88(1):64-9

VAB-6 as initial treatment of patients with advanced seminoma. Stanton GF, et al. **J Clin Oncol** 1985 Mar; 3(3):336-9

[A child with successfully treated posterior mediastinal endodermal sinus tumor] Oka T, et al. **Gan No Rinsho** 1984 Aug;30(10):1327-30 (Eng. Abstr.) **(Jpn)**

[Successful treatment of mediastinal seminoma with combination chemotherapy of cis-diamminedichloroplatinum (CDDP), vinblastine (VBL), and bleomycin (BLM)] Takatsuka Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):951-6 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

[A case of mediastinal pseudotumor due to the dilated porto-caval shunt] Kobayashi M, et al. **Rinsho Hoshasen** 1984 Oct;29(10):1107-10 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

Phenotypic heterogeneity at the DNA level in childhood leukemia with a mediastinal mass. Ha K, et al. **Cancer** 1985 Aug 1;56(3):509-13

[A case of granulocytic sarcoma with near tetraploidy and pleural and pericardial effusions as initial manifestations] Kusaka H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug; 73(8):1170-6 **(Jpn)**

IMMUNOLOGY

Suppression of natural killer activity in patients treated with cisplatin and methylprednisolone. Takahashi K, et al. **J Cancer Res Clin Oncol** 1985;109(1):78-81

Immunological detection of covert leukaemic spread in mediastinal T-cell lymphoblastic lymphoma. Bradstock KF, et al. **Leuk Res** 1985;9(7):905-11

[Double myeloma with mediastinal involvement (letter)] de Gracia J, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):393 **(Spa)**

METABOLISM

Mediastino-abdominal lipomatosis: deep accumulation of fat mimicking a respiratory disease and ascites. Clinical aspects and metabolic studies in vitro. Enzi G, et al. **Q J Med** 1984 Autumn;53(212):453-63

MORTALITY

Stage IA to IIB supradiaphragmatic Hodgkin's disease. Long-term survival and relapse frequency. Leslie NT, et al. **Cancer** 1985 May 1;55(9 Suppl):2072-8

PATHOLOGY

Malignant mediastinal myxoid tumor and renal cell carcinoma. Kuhara H, et al. **Acta Pathol Jpn** 1984 Jul; 34(4):881-7

A thymic tumor with massive proliferation of myoid cells. Murakami S, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1375-83

Granulocytic sarcoma presenting as a mediastinal tumor. Report of a case and cytological and cytochemical studies of tumor cells in vivo and in vitro. Kubonishi I, et al. **Am J Clin Pathol** 1984 Dec;82(6):730-4

Primary mediastinal non-Hodgkin's lymphomas: a morphologic and immunologic study of 19 cases. Yousem SA, et al. **Am J Clin Pathol** 1985 Jun;83(6):676-80

Association between mediastinal germ cell tumors and hematologic malignancies. Report of two cases and review of the literature. DeMent SH, et al. **Am J Surg Pathol** 1985 Jan;9(1):23-30

Anterior mediastinal endodermal sinus (yolk sac) tumor in a female infant. Gooneratne S, et al. **Cancer** 1985 Sep 15; 56(6):1430-3

The development of non-germ cell malignancies within germ cell tumors. A clinicopathologic study of 11 cases. Ulbright TM, et al. **Cancer** 1984 Nov 1;54(9):1824-33

Malignant melanoma of the sympathetic chain: with a consideration of pigmented nerve sheath tumours. Krausz T, et al. **Histopathology** 1984 Sep;8(5):881-94

Full pancreatic endocrine differentiation in a mediastinal teratoma. Bordi C, et al. **Hum Pathol** 1985 Sep;16(9):961-4

Malignant schwannoma of the mediastinum (a case report). Verma RN, et al. **Indian J Cancer** 1984 Jul-Aug;21(3):110-2

Benign mediastinal teratoma with immature elements exhibited clonal growth and motility in the human tumor clonogenic assay. Perrot LJ, et al. **Int J Cell Cloning** 1985 Jan;3(1):33-43

Pancreatic endocrine tissue in benign mediastinal teratoma. Dunn PJ. **J Clin Pathol** 1984 Oct;37(10):1105-9

Mediastinal germ cell tumors in childhood. A clinical and pathological study of 21 cases. Lack EE, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):826-35

Thymolipoma in association with Hodgkin's disease. Pillai R, et al. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):306-8

The lymphoblastic lymphoma: a clinical and morphological entity, two new cases. Galatâr N, et al. **Morphol Embryol (Bucur)** 1985 Apr-Jun;31(2):119-22

Hemangioma of the mediastinum. Vente JP, et al. **Neth J Surg** 1985 Feb;37(1):24-6

Directed fine needle biopsy of anterior and middle mediastinal masses. Sinner WN. **Oncology** 1985;42(2):92-6

Immature teratomas of childhood. Report of 21 cases. Harms D, et al. **Pathol Res Pract** 1985 Jan;179(3):388-400

Immature malignant teratoma in a newborn. A case report. Agozzino L, et al. **Pathologica** 1984 Nov-Dec; 76(1046):723-32

Intrathoracic extramedullary hematopoiesis. Report of a case in a patient with hereditary spherocytosis. Vetrani A, et al. **Pathologica** 1984 Nov-Dec;76(1046):733-6

Rhabdomyosarcoma and benign teratoma. Cushing B, et al. **Pediatr Pathol** 1983 Jul-Sep;1(3):345-8

Primary mediastinal choriocarcinoma in a man with an abnormal chromosome. Hsueh YS, et al. **South Med J** 1984 Nov;77(11):1466-9

[Mediastinal tumor of vascular origin (a report of five cases)] Wang YH. **Chung Hua Fang She Hsueh Tsa Chih** 1984 May;18(2):121-3 (Eng. Abstr.) **(Chi)**

[Aggressive fibromatosis as a surgical problem] Tecl F, et al. **Rozhl Chir** 1985 Apr;64(4):255-8 (Eng. Abstr.) **(Cze)**

[Value of cytology, in particular of the fine needle biopsy, in the diagnosis of solid tumors of different organs: breast, lungs, lymph nodes and thyroid gland] Dalquen P. **Rev Med Suisse Romande** 1985 Mar;105(3):231-2 **(Fre)**

[Three cases of primary lung and mediastinal malignant germ cell tumors --clinical and pathological studies] Nozaki M, et al. **Gan No Rinsho** 1984 Aug;30(10):1314-20 (Eng. Abstr.) **(Jpn)**

[Establishment of a new cell line from human mediastinal teratocarcinoma] Takashima Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 May; 22(5):376-82 (Eng. Abstr.) **(Jpn)**

[Plasmacytoma of the posterior mediastinum] Alekseenko AV, et al. **Klin Khir** 1984 Oct;(10):64 **(Rus)**

[Rare case of the primary pulmonary-mediastinal form of lymphogranulomatosis in a child] Mitinskaia LA, et al. **Probl Tuberk** 1985;(4):67-8 **(Rus)**

PHYSIOPATHOLOGY

Mediastinal tumor and continuous murmur [letter] Foresti V, et al. **Am Heart J** 1985 Jun;109(6):1408

RADIOGRAPHY

Value of CT in screening for mediastinal nodal metastases [letter] Friedman PJ. **AJR** 1985 Apr;144(4):865-7

Subcarinal lymph node enlargement: radiographic findings and CT correlation. Müller NL, et al. **AJR** 1985 Jul; 145(1):15-9

Role of computerized tomography in assessment of the mediastinum in patients with lung carcinoma. Conte CC, et al. **Am J Surg** 1985 Apr;149(4):449-52

Should OHT compete with CT to stage the mediastinum noninvasively in lung cancer? [editorial] Faling LJ. **Chest** 1984 Oct;86(4):509-10

Roentgenographic evaluation of mediastinal nodes for preoperative assessment in lung cancer. McKenna RJ Jr, et al. **Chest** 1985 Aug;88(2):206-10

Roentgenogram of the month. Asymptomatic, highly vascularized superior mediastinal mass. Shaked A, et al. **Chest** 1984 Oct;86(4):621-2

Transient spontaneous regression of an anterior mediastinal mass. Weaver GR, et al. **Chest** 1985 Apr;87(4):547-8

Differential diagnosis of anterior upper mediastinal expansions by contrast-enhanced computed tomography. Salonen O, et al. **Comput Radiol** 1984 Jul-Aug;8(4):217-22

Primary epidermoid epithelioma of the upper mediastinum. Van Hoorde P, et al. **J Belge Radiol** 1984;67(3):197-200

Neonatal neuroblastoma presenting with respiratory distress. Illescas FF, et al. **J Can Assoc Radiol** 1984 Sep;35(3):310-2

Mediastinal cystic hygromas: CT characteristics and pathogenetic consideration. Shin MS, et al. **J Comput Assist Tomogr** 1985 Mar-Apr;9(2):297-301

Primary mediastinal hemangiopericytoma: computed tomography correlation. Koo BC, et al. **J Comput Tomogr** 1985 Jul;9(3):253-6

Computed tomography characterization of anterior mediastinal tumors. Nakata H, et al. **J Comput Tomogr** 1985 Apr;9(2):161-6

Computed tomography of mediastinal cystic hygroma in an adult: case report and review of the literature. Tatu WF, et al. **J Comput Tomogr** 1985 Jul;9(3):233-6

Intrathoracic extramedullary hematopoiesis simulating anterior mediastinal tumor. Catinella FP, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):580-4

Evaluation of pulmonary and mediastinal masses. Newell JD. **Med Clin North Am** 1984 Nov;68(6):1463-80 (42 ref.)

The direct approach to posterior mediastinal masses by fine-needle biopsy. Sinner WN. **Oncology** 1985; 42(3):187-92

Thymic cysts in mediastinal Hodgkin disease. Lindfors KK, et al. **Radiology** 1985 Jul;156(1):37-41

Mediastinal tumors and pseudotumors: evaluation by computerized tomography. Devkota J. **South Med J** 1985 Apr;78(4):393-6

Posterior mediastinal teratoma mimicking foregut duplication. Galloway PG, et al. **Z Kinderchir** 1985 Feb; 40(1):53-4

[Radiologic manifestations of the mediastinal type of bronchogenic carcinoma] Zhou CW. **Chung Hua Chung Liu Tsa Chih** 1985 May;7(3):197-9 (Eng. Abstr.) **(Chi)**

[Roentgen diagnosis and differential diagnosis of tumors of the superior mediastinum] Tao KM. **Chung Hua Fang She Hsueh Tsa Chih** 1985 Feb;19(1):15-7 (Eng. Abstr.) **(Chi)**

[Teratoma and dermoid cyst of the mediastinum: radiologic diagnosis] Liu YW. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):593-5, 637 (Eng. Abstr.) **(Chi)**

[Computer tomography of mediastinal lesions] Salamoun V, et al. **Cesk Radiol** 1984 Jul;38(4):227-34 (Eng. Abstr.) **(Cze)**

[X-ray computed tomography and primary thoracic seminoma] Vandermarcq P, et al. **J Radiol** 1985 Feb; 66(2):157-60 (Eng. Abstr.) **(Fre)**

[Mediastinal seminoma. Value of x-ray computed tomography (letter)] Boiffard O, et al. **Presse Med** 1984 Oct 20;13(37):2265-6 **(Fre)**

[A mediastinal seminoma (clinical conference)] Gilis F, et al. **Rev Med Liege** 1985 Jun 1;40(11):474-9 **(Fre)**

[Differential diagnosis of mediastinal tumor: malignant histiocytosis] Kiermayer H, et al. **Radiologe** 1985 Feb; 25(2):73-5 (Eng. Abstr.) **(Ger)**

[Mediastinal lymphangioma--value of computed tomography] Fezoulidis I, et al. **ROFO** 1985 Jul; 143(1):105-7 **(Ger)**

[Mediastinal CT-staging of bronchial carcinomas] Hajek P, et al. **ROFO** 1985 Jan;142(1):74-9 (Eng. Abstr.) **(Ger)**

[Lymphogranulomatosis and persistent left superior vena cava. Contribution to the diagnostic problem of the interference of morphologically different images] Luther R, et al. **Z Gesamte Inn Med** 1984 Oct 1;39(19):485-7 (Eng. Abstr.) **(Ger)**

[Malignant fibrous histiocytoma of the mediastinum] Besznyák I, et al. **Orv Hetil** 1984 Oct 14;125(42):2563-5 (Eng. Abstr.) **(Hun)**

[Castelman's tumor of the mesentery] Mirescu D, et al. **Radiol Med (Torino)** 1985 Mar;71(3):164-6 **(Ita)**

[Diagnostic imagings of mediastinal mass] Ebata K, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1371-82 (Eng. Abstr.) **(Jpn)**

[A case of mediastinal teratoma (dermoid cyst) showing a giant mass shadow] Ide H, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):529-34 (Eng. Abstr.) **(Jpn)**

[A case of mediastinal embryonal carcinoma] Moriwaki Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan; 23(1):119-23 (Eng. Abstr.) **(Jpn)**

[Computerized tomographic differentiation of mediastinal tumor from tumor of the chest wall] Okada K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Jun; 22(6):486-90 (Eng. Abstr.) **(Jpn)**

[A case of osteochondroma (cartilagenous exostosis) originating from the fourth rib and simulating posterior mediastinal tumor] Okada K, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):815-8 (Eng. Abstr.) **(Jpn)**

[A case of huge posterior mediastinal liposarcoma] Hayasaka K, et al. **Rinsho Hoshasen** 1984 Aug;29(8):909-12 (Eng. Abstr.) **(Jpn)**

[A case of mediastinal teratoma with an appearance of intra-pulmonary tumor] Kimura S, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):478-82 (Eng. Abstr.) **(Jpn)**

[Use of computerized tomography in the diagnosis of thoracic tumors] Walecki J, et al. **Wiad Lek** 1984 Sep 1; 37(17):1313-9 (Eng. Abstr.) **(Pol)**

[Variants in the x-ray picture of the mediastinal form of lymphogranulomatosis] Vinner MG, et al. **Klin Med (Mosk)** 1985 Jan;63(1):110-3 (Eng. Abstr.) **(Rus)**

[Roentgenodiagnosis of pulmonary lesions in children with hemoblastoses] Vaganova NT, et al. **Vestn Rentgenol Radiol** 1984 Sep-Oct;(5):62-5 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Localization of ectopic parathyroid adenomas by the technetium-thallium subtraction scan. Ott R, et al. **Am Surg** 1985 Jun;51(6):344-8

Mediastinal parathyroid adenoma: a new method of localization. Ubhi CS, et al. **Br J Surg** 1984 Nov; 71(11):859-60

Gallium-67 scintigraphy for preoperative evaluation of the mediastinum in lung cancer patients [editorial] Neumann R. **Chest** 1985 Apr;87(4):415-6

Gallium scanning by conventional imaging and emission computed tomography in the pretreatment evaluation of lung cancer. Broughton DL, et al. **Thorax** 1985 Feb; 40(2):96-100

RADIOTHERAPY

Primary seminoma of the mediastinum. Cancer Control Agency of British Columbia experience. Lee YM, et al. **Cancer** 1985 Jan 15;55(2):450-2

The management of stage II Hodgkin's disease with a large mediastinal mass: a prospective program emphasizing irradiation. Hoppe RT. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):349-55

The significance of the residual mediastinal mass in treated Hodgkin's disease. Jochelson M, et al. **J Clin Oncol** 1985 May;3(5):637-40

[A case of constrictive pericarditis developing 14 years after irradiation of the mediastinum] Shkhvatsabaia LV, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):54-7 **(Rus)**

[Clinical picture and treatment of recurrent lymphosarcomas after radiotherapy] Kruglova GV, et al. **Ter Arkh** 1985; 57(5):110-4 (Eng. Abstr.) **(Rus)**

[Risks of irradiation in patients during radiologic diagnostic procedures] Dangubić V, et al. **Plucne Bolesti** 1984 Jul-Dec;36(3-4):223-5 **(Ser)**

SECONDARY

Accuracy of chest computerized tomography in detecting malignant hilar and mediastinal involvement by squamous cell carcinoma of the lung. Frederick HM, et al. **Cancer** 1984 Dec 1;54(11):2390-5

Leech salivary gland extract from Haementeria officinalis, a potent inhibitor of cyclophosphamide- and radiation-induced artificial metastasis enhancement. Gasic GJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5670-6

Positive 57Co-bleomycin scintigraphy in silent mediastinal metastases of malignant melanoma. Valdés Olmos RA, et al. **Eur J Nucl Med** 1985;10(1-2):86-7

Calcified intraperitoneal and mediastinal implants in malignant ovarian teratoma. Miller DL, et al. **J Can Assoc Radiol** 1984 Jun;35(2):217-9

Improving specificity of computed tomography in diagnosis of malignant mediastinal lymph nodes. Feigin DS, et al. **J Comput Tomogr** 1985 Jan;9(1):21-32

Computed tomography. An effective technique for mediastinal staging in lung cancer. Daly BD Jr, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):486-94

Successful resection of intrathoracic metastases from two patients with parathyroid carcinoma. Dubost C, et al. **World J Surg** 1984 Aug;8(4):547-51

Extra-adrenal and metastatic pheochromocytoma: the role of 131I meta-iodobenzylguanidine (131I MIBG) in localization and management. Thompson NW, et al. **World J Surg** 1984 Aug;8(4):605-11

[Comparison between bronchogenic carcinoma and esophageal carcinoma in regard to distribution patterns of mediastinal metastases--analysis using computed tomography] Matsubara T, et al. **Kyobu Geka** 1985 Apr; 38(4):255-65 (Eng. Abstr.) **(Jpn)**

[CT diagnosis of mediastinal lymph node metastasis] Yoshida S, et al. **Kyobu Geka** 1985 May;38(5):373-9 (Eng. Abstr.) **(Jpn)**

[Resection of lung cancer involving the mediastinal structures] Yoshimura H, et al. **Kyobu Geka** 1985 May; 38(5):340-5 (Eng. Abstr.) **(Jpn)**

[A case of SIADH without ectopic production of ADH from neoplasm, associated with superior vena cava syndrome caused by metastatic mediastinal tumor of pancreatic cancer] Yamaguchi T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Feb; 23(2):237-44 (Eng. Abstr.) **(Jpn)**

[Computed tomography of thyroid carcinoma with intrathoracic extension] Suzuki K, et al. **Rinsho Hoshasen** 1984 Aug;29(8):863-7 (Eng. Abstr.) **(Jpn)**

SURGERY

Endodermal sinus tumors [editorial] Logothetis CJ. **Chest** 1985 Jul;88(1):6-7

Mediastinal cysts and tumors. le Roux BT, et al. **Curr Probl Surg** 1984 Nov;21(11):1-77 (276 ref.)

Malignant fibrous histiocytoma of the mediastinum. Besznyák I, et al. **Thorac Cardiovasc Surg** 1985 Apr;33(2):106-8

[Surgical treatment of primary mediastinal tumor and cyst. Report of 327 cases] Zhang DW. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):123-7 (Eng. Abstr.) **(Chi)**

[The choice of operative approach for anterior mediastinal tumors] Huang GJ. **Chung Hua Wai Ko Tsa Chih** 1984 Oct; 22(10):596-7, 637 (Eng. Abstr.) **(Chi)**

[Surgical treatment of mediastinal tumors] Luo JA. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):577-80, 636 (Eng. Abstr.) **(Chi)**

[Neurogenic tumors of the mediastinum] Sun YE. **Chung Hua Wai Ko Tsa Chih** 1984 Oct;22(10):588-90, 637 (Eng. Abstr.) **(Chi)**

[Hemangioma and lymphangioma of the mediastinum--report of 6 cases] Xu LT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb; 6(1):56-8 (Eng. Abstr.) **(Chi)**

[Angiomyolipoma of the central mediastinum. An apparently undescribed entity] Bertrand G, et al. **Ann Chir** 1984 Dec; 38(9):679-81 (Eng. Abstr.) **(Fre)**

[Anterior thoraco-abdominal mediastinal lipoma] Deodato G, et al. **Minerva Chir** 1984 Sep 30;39(18):1205-10 (Eng. Abstr.) **(Ita)**

[Clinicosurgical studies of mediastinal tumors and experimental studies of thymoma] Baba K. **Igaku Kenkyu** 1984 Apr;54(4):351-82 (Eng. Abstr.) **(Jpn)**

[A case of surgically treated massive mediastinal tumor exhibiting superior mediastinal syndrome] Sato M, et al. **Kyobu Geka** 1985 Apr;38(4):312-5 (Eng. Abstr.) **(Jpn)**

[Tumors and cysts of the mediastinum] Feofilov GL, et al. **Grudn Khir** 1985 Jan-Feb;(1):61-4 (Eng. Abstr.) **(Rus)**

[Benign tumors and cysts of the mediastinum] Vagner EA, et al. **Vestn Khir** 1985 Mar;134(3):3-8 (Eng. Abstr.) **(Rus)**

THERAPY

Primary malignant mediastinal tumors. Adkins RB Jr, et al. **Ann Thorac Surg** 1984 Dec;38(6):648-59

Combined modality therapy for mediastinal Hodgkin's disease. Prognostic significance of constitutional symptoms and size of disease. Ferrant A, et al. **Cancer** 1985 Jan 15; 55(2):317-22

Endodermal sinus tumor of the mediastinum. Report of apparent cure in two patients with extensive disease. Rusch VW, et al. **Chest** 1984 Nov;86(5):745-7

An evaluation of surgical treatment and chemotherapy of advanced neuroblastoma (stage III & IV) with special reference to proliferation kinetics of residual tumors. Ogita S, et al. **J Pediatr Surg** 1985 Apr;20(2):150-4

[Primary mediastinal sarcoma--report of 8 cases] Xu LT, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):54-5 (Eng. Abstr.) **(Chi)**

[Successful bone marrow transplantation in a patient with non-Hodgkin lymphoma of high-grade malignancy with invasion of the central nervous system] Hagenbeek A, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):698-700 (Eng. Abstr.) **(Dut)**

[Primary extratesticular seminoma] Stallaert R, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):362-5 (Eng. Abstr.) **(Dut)**

[Embolization of mediastinal adenomas. Therapeutic possibility in primary hyperparathyroidism (letter)] Rayñaud A, et al. **Presse Med** 1984 Nov 10;13(40):2458 **(Fre)**

[4-year course without recurrence after treatment of an inoperable endodermal sinus tumor of the mediastinum] von Rottkay P. **Strahlentherapie** 1984 Oct;160(10):587-9 (Eng. Abstr.) **(Ger)**

[Mediastinal germ cell tumor] Kado M, et al. **Bull Chest Dis Res Inst Kyoto Univ** 1984 Mar; 17(1-2):114-21 (Eng. Abstr.) **(Jpn)**

[Treatment of mediastinal tumor] Masaoka A. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1383-91 (Eng. Abstr.) **(Jpn)**

[A case of embryonal carcinoma successfully treated by chemotherapy and surgery] Kanda H, et al. **Kyobu Geka** 1984 Nov;37(12):938-42 (Eng. Abstr.) **(Jpn)**

[Mediastinal seminoma--report of a case] Miyamoto M, et al. **Kyobu Geka** 1984 Nov;37(12):934-7 (Eng. Abstr.) **(Jpn)**

[Primary mediastinal germ cell tumor: a report of four cases] Saitoh Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):247-54 (Eng. Abstr.) **(Jpn)**

VETERINARY

Pleural effusion secondary to metastasis of an ovarian adenocarcinoma in a horse. Morris DD, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):272-4

Intrathoracic lipoma in a dog. Woolfson JM, et al. **J Am Vet Med Assoc** 1984 Nov 1;185(9):1007-9

Diagnostic exercise: lymphoproliferative disorder in a ferret. Smith SH, et al. **Lab Anim Sci** 1985 Jun;35(3):291-3

MEDIASTINITIS

COMPLICATIONS

Recurrent cardiac constriction after pericardiectomy. Pick RA, et al. **Arch Intern Med** 1984 Oct;144(10):2061-3

Fibrosing mediastinitis complicating coronary artery surgery. Use of the descending thoracic aorta. Hicks GL. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):514-5

Mediastinal zygomycosis. Marwaha RK, et al. **Postgrad Med J** 1985 Aug;61(718):733-5

[Obstruction of the superior vena cava caused by sclerosing mediastinitis. Surgical treatment by bypass with a composite spiral venous graft] Fundarò P, et al. **G Ital Cardiol** 1984 Aug;14(8):606-8 (Eng. Abstr.) **(Ita)**

[Erosive hemorrhages as a complication of suppurative mediastinitis] Abakumov MM, et al. **Khirurgiia (Mosk)** 1985 May;(5):118-21 **(Rus)**

DIAGNOSIS

Calcific fibrosing mediastinitis: demonstration of pulmonary vascular obstruction by magnetic resonance imaging. Farmer DW, et al. **AJR** 1984 Dec;143(6):1189-91

Magnetic resonance imaging of fibrosing mediastinitis. Rholl KS, et al. **AJR** 1985 Aug;145(2):255-9

[Clinical course and treatment of mediastinitis] Tsybyrné KA, et al. **Grudn Khir** 1985 Mar-Apr;(2):33-7 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Mediastinitis and neck abscess following cervical spinal fracture. Krespi YP, et al. **Am J Otolaryngol** 1985 Jan-Feb; 6(1):29-31

Mediastinal infection after cardiac surgery. Sarr MG, et al. **Ann Thorac Surg** 1984 Oct;38(4):415-23 (110 ref.)

Enterobacter mediastinitis following cardiac surgery. Palmer DL, et al. **Infect Control** 1985 Mar;6(3):115-9

An unusual case of non-traumatic pneumococcal mediastinal abscess. Lotan C, et al. **Intensive Care Med** 1985;11(1):43-4

Mycobacterium fortuitum infections of the mediastinum. Sethi GK, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun; 26(3):307-9

Computed tomography evaluation of bilateral bronchostenosis caused by sclerosing granulomatous mediastinitis: a complication of histoplasmosis. Shin MS, et al. **J Comput Tomogr** 1984 Oct;8(4):345-50

Mediastinal infection after open heart surgery. Rutledge R, et al. **Surgery** 1985 Jan;97(1):88-92

[Pleuromediastinal complications of cervical phlegmon caused by anaerobic germs of dental or ORL origin] Levasseur P, et al. **Ann Chir** 1984 Oct;38(7):567-71 (Eng. Abstr.) **(Fre)**

[Acute suppurative mediastinitis in heart surgery performed under extracorporeal circulation] Amrein C, et al. **Arch Mal Coeur** 1984 Oct;77(10):1146-50 (Eng. Abstr.) **(Fre)**

[Mediastinitis caused by a foreign body (letter)] Irony I, et al. **Rev Paul Med** 1984 Nov-Dec;102(6):283-4 **(Por)**

[Postoperative suppurative mediastinitis and the patency of aortocoronary shunts] Belov IuV, et al. **Grudn Khir** 1985 Jan-Feb;(1):21-3 (Eng. Abstr.) **(Rus)**

[Gunshot wound of the neck complicated by mediastinitis and hemorrhage] Pogosian MG, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):83-4 **(Rus)**

MICROBIOLOGY

Salmonella mediastinitis--a rare disease. Marsh MD, et al. **Comput Radiol** 1984 Nov-Dec;8(6):375-7

Purulent pericarditis and mediastinitis due to Peptococcus magnus. Phelps R, et al. **JAMA** 1985 Aug 16;254(7):947-8

[Prevention of mediastinitis caused by anaerobic ondotogenic anaerobes (letter)] Miossec A, et al. **Ann Fr Anesth Reanim** 1985;4(1):94-5 **(Fre)**

PREVENTION & CONTROL

[Means of increasing the effectiveness of prevention and treatment in odontogenic superior mediastinitis] Gruzdev NA, et al. **Stomatologiia (Mosk)** 1984 Sep-Oct;63(5):39-41 (Eng. Abstr.) **(Rus)**

SURGERY

[Surgical treatment and prognosis of acute suppurative mediastinitis in cardiac surgery] Amrein C, et al. **Ann Chir** 1984 Oct;38(7):523-8 (Eng. Abstr.) **(Fre)**

THERAPY

Iodine toxicity in a patient treated by continuous povidone-iodine mediastinal irrigation. Glick PL, et al. **Ann Thorac Surg** 1985 May;39(5):478-80

Use of granulated sugar in treatment of open mediastinitis after cardiac surgery. Trouillet JL, et al. **Lancet** 1985 Jul 27;2(8448):180-4

[Complex treatment of odontogenic mediastinitis] Pogodina AN, et al. **Vestn Khir** 1985 Mar;134(3):13-7 (Eng. Abstr.) **(Rus)**

MEDIASTINOSCOPY

Role of computed tomography and mediastinoscopy in preoperative staging of lung carcinoma. Brion JP, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):480-4

Remediastinoscopy. Balle VH, et al. **J Laryngol Otol** 1985 Mar;99(3):267-71

Transcarinal mediastinal needle biopsy compared with mediastinoscopy. Brynitz S, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):21-4

Oblique hilar tomography, computed tomography, and mediastinoscopy for prethoracotomy staging of bronchogenic carcinoma. Khan A, et al. **Radiology** 1985 Aug;156(2):295-8

Thoracic lymphadenopathy in Asians resident in the United Kingdom: role of mediastinoscopy in initial diagnosis. Farrow PR, et al. **Thorax** 1985 Feb;40(2):121-4

[Mediastinoscopy for the diagnosis of tuberculosis of mediastinal lymph nodes] Tan YL.

Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih 1984 Apr;7(2):72-3 (Chi)

ADVERSE EFFECTS

Esophageal perforation during mediastinoscopy--the successful management of 2 complicated cases. Dernevik L, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):179-80

INSTRUMENTATION

[Endoscopic necrosectomy with mediastinoscope following laparostomy for necrotizing pancreatitis] Wayand W. **Chirurg** 1985 Jan;56(1):50-2 (Ger)

METHODS

[Cervical and parasternal mediastinoscopy. Surgical technics in the examination of superior mediastinal lymph nodes] Pagé A, et al. **Union Med Can** 1985 May;114(5):393-7 (Eng. Abstr.) (Fre)

MEDIASTINUM

see related
PNEUMOMEDIASTINUM, DIAGNOSTIC

Mediastinal packing for refractory bleeding after open-heart surgery [letter] Moreno-Cabral RJ. **Can J Surg** 1985 Jul;28(4):301

Diagnosis and management of mediastinal migration of central venous pressure catheters. Moorthy SS, et al. **Heart Lung** 1985 Jan;14(1):80-3

Therapeutic and prognostic problems in lung cancer with mediastinal lymph node involvement. Picciocchi A, et al. **Int Surg** 1984 Oct-Dec;69(4):313-7

ABNORMALITIES

[Report of coarctation of the aorta with secondary isthmic atresia and rightward shift of the aortic arch and the posterior mediastinum in an infant] Kawai Y, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):770-4 (Eng. Abstr.) (Jpn)

ANATOMY & HISTOLOGY

The sectional anatomy of the mediastinum. Heap SW. **Australas Radiol** 1984 Aug;28(3):208-18

Sagittal MR imaging of the chest: normal and abnormal. Webb WR, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):471-9

Differentiation of volume averaging and mass on magnetic resonance images of the mediastinum. Webb WR, et al. **Radiology** 1985 May;155(2):413-6

Coronal magnetic resonance imaging of the chest: normal and abnormal. Webb WR, et al. **Radiology** 1984 Dec;153(3):729-35

[Sonographic topography of the upper anterior mediastinum] Helzel M. **Ultraschall Med** 1985 Apr;6(2):101-5 (Eng. Abstr.) (Ger)

[Magnetic resonance: imaging of the heart and mediastinum] Kaiser W. **Radiol Med (Torino)** 1984 Oct;70(10):752-62 (Eng. Abstr.) (Ita)

BLOOD SUPPLY

CT of unusual mediastinal vascular abnormalities. Gross BH, et al. **Comput Radiol** 1984 Nov-Dec;8(6):369-74

[CT images of anomalies of the mediastinal vessels--differentiation from mediastinal lymphadenopathy] Yoshida S, et al. **Rinsho Hoshasen** 1985 Mar;30(3):365-9 (Eng. Abstr.) (Jpn)

[Erosive hemorrhages as a complication of suppurative mediastinitis] Abakumov MM, et al. **Khirurgiia (Mosk)** 1985 May;(5):118-21 (Rus)

DRUG EFFECTS

Experimental evaluation of various available contrast agents for use in the upper gastrointestinal tract in case of suspected leakage: effects on mediastinum. Ginai AZ, et al. **Br J Radiol** 1985 Jul;58(691):585-92

INJURIES

Accidental mediastinal entry via left internal jugular vein cannulation. Albertson TE, et al. **Intensive Care Med** 1985;11(3):154-7

[Gunshot wound of the mediastinum and large vessels of the neck in a child] Zhukov MD. **Grudn Khir** 1984 Sep-Oct;(5):89-91 (Rus)

PATHOLOGY

Management of mediastinal compression due to bronchogenic carcinoma. Anand AK, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):233-5

Remediastinoscopy. Balle VH, et al. **J Laryngol Otol** 1985 Mar;99(3):267-71

Transcarinal mediastinal needle biopsy compared with mediastinoscopy. Brynitz S, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):21-4

Mediastinal germ cell tumors in childhood. A clinical and pathological study of 21 cases. Lack EE, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):826-35

Directed fine needle biopsy of anterior and middle mediastinal masses. Sinner WN. **Oncology** 1985;42(2):92-6

RADIATION EFFECTS

T-cell abnormalities after mediastinal irradiation for lung cancer. The in vitro influence of synthetic thymosin alpha-1. Schulof RS, et al. **Cancer** 1985 Mar 1;55(5):974-83

[Indices of external respiration in patients with Hodgkin's disease long after irradiation of the mediastinum] Shishkin IP, et al. **Med Radiol (Mosk)** 1985 Jun;30(6):15-9 (Eng. Abstr.) (Rus)

RADIOGRAPHY

Foreign bodies in the mediastinum perforating the oesophagus. Dernevik L, et al. **Acta Chir Scand** 1984;150(7):589-92

Mycoplasma pneumonia: presentation as a mediastinal mass. Demos TC, et al. **AJR** 1984 Nov;143(5):981-2

Normal mediastinal lymph nodes: number and size according to American Thoracic Society mapping. Glazer GM, et al. **AJR** 1985 Feb;144(2):261-5

Role of computerized tomography in assessment of the mediastinum in patients with lung carcinoma. Conte CC, et al. **Am J Surg** 1985 Apr;149(4):449-52

Computed tomography of the thymus of children under 10 years. Salonen OL, et al. **Pediatr Radiol** 1984;14(6):373-5

Malignant diffuse pleural mesothelioma--does it produce mediastinal shift? Stark P, et al. **Radiologe** 1985 Feb;25(2):66-8

[Computed tomography in mediastinal widening] Polák J, et al. **Radiol Diagn (Berl)** 1985;26(2):205-12 (Eng. Abstr.) (Ger)

[The evaluation of the anterior extrapleural line in various mediastinal mass lesions] Kobayashi Y, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 May 25;44(5):688-99 (Eng. Abstr.) (Jpn)

SURGERY

Immediate reconstruction after total laryngopharyngoesophagectomy and mediastinal dissection. Krespi YP, et al. **Laryngoscope** 1985 Feb;95(2):156-61

Unusual complication of Swan-Ganz catheter requiring mediastinotomy. Shenaq SA, et al. **South Med J** 1984 Oct;77(10):1339

[Mediastinal tracheotomy in cervicofacial oncologic surgery. Contribution of the pectoralis major myocutaneous flap] Hamoir M, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(3):139-45 (Eng. Abstr.) (Fre)

MEDICAID see **MEDICAL ASSISTANCE, TITLE 19**

MEDICAL ASSISTANCE

Solving uncompensated hospital care: targeting the indigent and the uninsured. Wilensky GR. **Health Aff (Millwood)** 1984 Winter;3(4):50-62

ECONOMICS

GMS benefit for children [letter] de Lacey DM. **NZ Med J** 1985 Jan 23;98(771):29

HISTORY

The poor man's doctor: the rise and fall of the dispensary system in Ulster. Russell M. **Ulster Med J** 1983;52(1):1-18

LEGISLATION & JURISPRUDENCE

Effectiveness of state mandates to maintain local government health services for the poor. Brown ER, et al. **J Health Polit Policy Law** 1984 Summer;9(2):223-36

UTILIZATION

Health care under AHCCCS: an examination of Arizona's alternative to Medicaid. Freeman HE, et al. **Health Serv Res** 1985 Aug;20(3):245-66

MEDICAL ASSISTANCE, TITLE 19

Therapeutic drug-use review for the Florida Medicaid program. Groves RE. **Am J Hosp Pharm** 1985 Feb;42(2):316-9

An Easterner looks at Arizona health care. Ginzberg E. **Ariz Med** 1985 Jun;42(6):373-5

Arbitrary access to care: the case for reforming Medicaid. Joe TC, et al. **Health Aff (Millwood)** 1985 Spring;4(1):59-74

Health care under AHCCCS: an examination of Arizona's alternative to Medicaid. Freeman HE, et al. **Health Serv Res** 1985 Aug;20(3):245-66

The impact of Medicaid benefit design on length of hospital stay and patient transfers. Frank RG, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):749-53

The life and death of a field experiment: a case study of health care research in a hostile environment. Yesalis CE 3d, et al. **J Health Polit Policy Law** 1985 Winter;9(4):611-28

Medical students' attitudes on physician fraud and abuse in the Medicare and Medicaid programs. Keenan CE, et al. **J Med Educ** 1985 Mar;60(3):167-73

A demographic portrait of physicians sanctioned by the federal government for fraud and abuse against Medicare and Medicaid. Pontell HN, et al. **Med Care** 1985 Aug;23(8):1028-31

A comparison of Medicaid waiver applications for populations that are mentally retarded and elderly/disabled. Lakin KC, et al. **Ment Retard** 1984 Aug;22(4):182-92

Health care and the corridor poor. Oberg CN. **Pediatrics** 1985 Sep;76(3):461-3

A Medicaid success story [letter] Saunders J. **West J Med** 1985 Aug;143(2):250-1

ECONOMICS

Alternative forms of emergency care: the Arizona experience. Levitt MA, et al. **Am J Emerg Med** 1984 Jul;2(4):363-5

Fraud and abuse of government medical benefit programs by psychiatrists. Geis G, et al. **Am J Psychiatry** 1985 Feb;142(2):231-4

Fraud committed by psychiatrists [editorial] Sharfstein SS. **Am J Psychiatry** 1985 Feb;142(2):219

Further evidence on the value of the WIC program [editorial] Rush D. **Am J Public Health** 1985 Aug;75(8):828-9

WIC prenatal participation and its relationship to newborn Medicaid costs in Missouri: a cost/benefit analysis. Schramm WF. **Am J Public Health** 1985 Aug;75(8):851-7

Estimating 'reasonable cost' of Medicaid patient care using a patient-mix index. Tamura H, et al. **Health Serv Res** 1985 Apr;20(1):27-42

An analysis of hospital case mix, cost, and payment differences for Medicare, Medicaid, and Blue Cross Plan patients using DRGs. Martin SG, et al. **Inquiry** 1984 Winter;21(4):369-79

Medicaid reform: programming solutions to the equity problem. Stuart B, et al. **J Health Polit Policy Law** 1985 Spring;10(1):93-118

Medicaid's second surgical opinion program. Alsup PA. **J Tenn Med Assoc** 1984 Sep;77(9):537, 539

Cost effects of restricting cost-effective therapy. Bloom BS, et al. **Med Care** 1985 Jul;23(7):872-80

Medication-related hospital stays are target of new Medicaid program. Perri GA, et al. **Mich Med** 1985 Apr;84(4):220, 222

Who's paying for elderly health care? German WA. **Mo Med** 1985 May;82(5):239

Medicaid's future: 'it's up to you' [interview by Carol Wright Mullinax] Barry PK. **Ohio State Med J** 1984 Nov;80(11):771, 773

1984 budget brings fee freeze, other changes. Bak BB, et al. **Penn Med** 1984 Sep;87(9):36, 38

Medicaid enters health care mainstream. Lamb RL. **Penn Med** 1984 Sep;87(9):27-8, 30

Cost containment (panel). Thorup OA Jr, et al. **Proc Annu Meet Med Sect Am Counc Life Insur** 1984;:37-55

The return of two-class medicine--ill effects of Medi-Cal reform. Waitzkin H. **West J Med** 1985 May;142(5):708-9

Medicaid cost containment in Wisconsin: long-term care reimbursement. Buchanan RJ. **Wis Med J** 1984 May;83(5):10-4

LEGISLATION & JURISPRUDENCE

Medicare and Medicaid Budget Reconciliation Amendments of 1984. Bak BB, et al. **Conn Med** 1984 Dec;48(12):805-7

The Medicaid cutoff and abortion services for the poor. Henshaw SK, et al. **Fam Plann Perspect** 1984 Jul-Aug;16(4):171-2, 177-80

Implications of hospital cost control for administrators. Dunmeyer SL, et al. **Health Care Manage Rev** 1985 Spring;10(2):29-37

Special interests push indigent care solutions. Richards G. **Hospitals** 1984 Oct 16;58(20):106, 109, 112-4

Indigent care legislation, 1984. Richards G. **Hospitals** 1984 Oct 16;58(20):117-8

Crabs in a bucket: the politics of health care reform in California. Bergthold L. **J Health Polit Policy Law** 1984 Summer;9(2):203-22

Electronic media claims. Pedigo TL Sr. **J Tenn Med Assoc** 1985 Apr;78(4):205-8

Two-class medicine returns to the United States: impact of Medi-Cal reform. Waitzkin H. **Lancet** 1984 Nov 17;2(8412):1144-6

Planning community services using the Title XIX waiver as a catalyst for change. Karan OC, et al. **Ment Retard** 1984 Oct;22(5):240-7

Termination of Medi-Cal benefits [letter] Bernstein S, et al. **N Engl J Med** 1985 May 9;312(19):1263-4

Medical care of the poor--a growing problem. Iglehart JK. **N Engl J Med** 1985 Jul 4;313(1):59-63

Deficit Reduction Act of 1984: provisions related to the Medicare and Medicaid programs. **Soc Secur Bull** 1984 Nov;47(11):11-5

Medi-Cal hospital contracting--did it achieve its legislative objectives? Brown ER, et al. **West J Med** 1985 Jul;143(1):118-24

[T.E.F.R.A., H.C.F.A., P.P.S., D.R.G., H.B.P., etc., etc. (editorial)] Figueroa Lebrón RE. **Bol Asoc Med PR** 1984 Jul;76(7):289-90 (Spa)

ORGANIZATION & ADMINISTRATION

Provider participation in competitive bidding for indigent patients. Christianson JB. **Inquiry** 1984 Summer;21(2):161-77

Medicaid comes to Arizona: a first-year report on AHCCCS. Brecher C. **J Health Polit Policy Law** 1984 Fall;9(3):411-25

Competitive bidding as a cost-containment strategy for indigent medical care: the implementation experience in

Arizona. Hillman DG, et al. **J Health Polit Policy Law** 1984 Fall;9(3):427-51

Dental record documentation in selected ambulatory care facilities. Hand JS, et al. **Public Health Rep** 1984 Nov-Dec; 99(6):583-90

TRENDS

Medicare, Medicaid: 10 lessons learned. Cohen WJ. **Hospitals** 1985 Aug 1;59(15):44, 46-7

What Medicaid and Medicare did--and did not--achieve [interview by Emily Friedman] Davis K. **Hospitals** 1985 Aug 1;59(15):41-2

UTILIZATION

Utilization and cost of ambulatory care services of Medicaid recipients, Bronx. Lee J, et al. **Am J Public Health** 1984 Dec;74(12):1367-70

Medicaid recipient lock-in program--Hawaii's experience in six years. Chinn FJ. **Hawaii Med J** 1985 Jan;44(1):9-18

Access to private obstetrics/gynecology services under Medicaid. Mitchell JB, et al. **Med Care** 1984 Nov; 22(11):1026-37

Falling through the cracks: poverty, insurance coverage, and hospital care for the poor, 1980 and 1982. Feder J, et al. **Milbank Mem Fund Q** 1984 Fall;62(4):544-66

MEDICAL AUDIT

The use of a microcomputer for inpatient audit in an orthopaedic department. Broughton NS, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):259-62

Orthopaedic audit: one year's experience in a district general hospital. Bunker TD, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):428-31

Medical records in a private hospital. Andrew RR. **Aust Clin Rev** 1984 Mar;(11):14-9

An inter-hospital criteria audit of infection in total hip-joint replacement surgery. Collopy BT, et al. **Aust Clin Rev** 1984 Jun;(13):19-21

Establishment of a prospective hysterectomy audit. Lawrence MJ. **Aust Clin Rev** 1984 Dec;(15):11-6

Criteria audit of carotid surgery. A co-operative study in 7 teaching hospitals. Scott DF, et al. **Aust Clin Rev** 1984 Jun;(13):8-9

Barium enema in the diagnosis of colonic carcinoma. Stephenson G, et al. **Aust Clin Rev** 1984 Jun;(13):13-7

Assessing physiotherapy effectiveness. Process/outcome studies. Truscott B. **Aust Clin Rev** 1984 Sep;(14):21-4

Audit of control of heparin treatment. Fennerty AG, et al. **Br Med J [Clin Res]** 1985 Jan 5;290(6461):27-8

General practice audit of asthma in childhood. Levy M, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1115-6

Audit of admission to medical school: III--applicants' perceptions and proposals for change. McManus IC, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1365-7

General practice audit of the care of children with asthma. Usherwood TP, et al. **Br Med J [Clin Res]** 1985 Jul 27; 291(6490):254

Morbidity audit, Canadian Society for Vascular Surgery [editorial] Sladen JG. **Can J Surg** 1985 Jul;28(4):298-9

Quality of use of parenteral metronidazole therapy in a teaching hospital. Jewesson PJ, et al. **Can Med Assoc J** 1985 Apr 1;132(7):785-9

The denominator for audit in general practice. Fleming DM. **Fam Pract** 1985 Jun;2(2):76-81

Audit on hypertension management in general practice. Neville RG, et al. **Fam Pract** 1984 Sep;1(3):168-72

The resuscitation of the severely injured in the accident and emergency department--a medical audit. Dearden CH, et al. **Injury** 1985 Jan;16(4):249-52

Moonlighting. Franaszek JB. **J Emerg Med** 1983;1(2):161-3

Obstetric audit: a 12 years review of obstetric practice in Ramathibodi Hospital 1970-1981. Sirivongs B, et al. **J Med Assoc Thai** 1984 Oct;67 Suppl 2:4-14

Audit of abdominal pain in general practice. Edwards MW, et al. **J R Coll Gen Pract** 1985 May;35(274):235-8

Audit of screening for hypertension in general practice. Hall JA. **J R Coll Gen Pract** 1985 May;35(274):243

Audit of the drug treatment of Parkinson's disease in general practice. Wilson JA, et al. **J R Coll Gen Pract** 1985 Jun; 35(275):276-8

Audit reviewed: medical audit in North America. van't Hoff W. **J R Coll Physicians Lond** 1985 Jan;19(1):53-5

Intensive-care audit [editorial] **Lancet** 1985 Jun 22; 1(8443):1428-9

Audit of theophylline assay service [letter] Moulds RF, et al. **Lancet** 1985 Sep 7;2(8454):550

Use of refined perinatal mortality rate trends to evaluate the effect of a confidential inquiry. Thomas J, et al. **Lancet** 1985 Jul 27;2(8448):197-9

Prescribing for the elderly--an audit. Pearson MW. **Practitioner** 1985 Jan;229(1399):85-6

Repeat prescribing in the elderly. A case for audit? Nicol F, et al. **Scott Med J** 1984 Jan;29(1):21-4

Anyone for audit? [editorial] Shaw G. **Scott Med J** 1984 Apr; 29(2):65-6

Medical audit in a rural hospital [letter] Waterston T. **Trop Doct** 1985 Apr;15(2):104

[Evaluation of the treatment of the aged hypertensive patient. Audit in medical practice] Péré A, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):481-3 **(Fre)**

[Audit of the management of asthma in a hospital department] Laroussi M, et al. **Tunis Med** 1984 May-Jun;62(3):221-6 (Eng. Abstr.) **(Fre)**

ECONOMICS

Resource requirements for evaluating ambulatory health care. Thompson MS, et al. **Am J Public Health** 1984 Nov; 74(11):1244-8

METHODS

A microcomputer based audit of fracture of the proximal femur in the elderly. Beringer TR, et al. **Age Ageing** 1984 Nov;13(6):344-8

Effect of a continuous criteria--related medical audit on aspects of patient care. Carney SL, et al. **Aust Clin Rev** 1984 Sep;(14):7-9

Development of a medical audit: Royal Newcastle Hospital experience. Duggan JM, et al. **Aust Clin Rev** 1984 Sep; (14):4-6

The Clarke Institute experience with electroconvulsive therapy: I. Development of a clinical audit procedure. Kramer PM, et al. **Can J Psychiatry** 1984 Dec;29(8):648-51

Assessing clinical judgment with standardized patients. McClure CL, et al. **J Fam Pract** 1985 May;20(5):457-64

Improving physician compliance with preventive medicine guidelines. Mandel I, et al. **J Fam Pract** 1985 Sep; 21(3):223-4

Medical audit using a computer-based medical records system. Young DW. **J R Coll Physicians Lond** 1984 Oct; 18(4):244-7

The trauma registry: a method for providing regional system audit using the microcomputer. Cales RH, et al. **J Trauma** 1985 Mar;25(3):181-6

Comparing ambulatory care practices of primary care and traditional medicine residents. Bennett SE, et al. **Med Care** 1985 Jun;23(6):816-22

Measurement of physician performance by standardized patients. Refining techniques for undetected entry in physicians' offices. Woodward CA, et al. **Med Care** 1985 Aug;23(8):1019-27

Medical audit in a rural hospital. Potter AR. **Trop Doct** 1984 Oct;14(4):184-6

[Evaluation of the activity and quality of care in a digestive surgery department] Delassus P, et al. **Presse Med** 1985 Feb 9;14(5):263-6 (Eng. Abstr.) **(Fre)**

ORGANIZATION & ADMINISTRATION

[Centralized control of the treatment of patients with newly detected tuberculosis] Kibardina ZA, et al. **Probl Tuberk** 1984 Aug;(8):10-2 (Eng. Abstr.) **(Rus)**

STANDARDS

Blood usage review: a common source of noncompliance. Affeldt JE. **Hospitals** 1984 Oct 16;58(20):131

Physician involvement in quality assurance. Sommers LS, et al. **Med Care** 1984 Dec;22(12):1115-38

MEDICAL CARE RESEARCH see **HEALTH SERVICES RESEARCH**

MEDICAL CARE TEAM see **PATIENT CARE TEAM**

MEDICAL CENTERS, ACADEMIC see **ACADEMIC MEDICAL CENTERS**

MEDICAL CENTERS, UNIVERSITY see **ACADEMIC MEDICAL CENTERS**

MEDICAL DEVICE DESIGN see **EQUIPMENT DESIGN**

MEDICAL DEVICE FAILURE see **EQUIPMENT FAILURE**

MEDICAL DEVICE SAFETY see **EQUIPMENT SAFETY**

MEDICAL DEVICES see **EQUIPMENT AND SUPPLIES**

MEDICAL DIRECTORS

Medical advice and health policy. CMO issues challenge to community physicians. Acheson ED. **Br Med J [Clin Res]** 1985 May 11;290(6479):1447-8

A reconsideration of power in psychiatric administration. Lipton AA, et al. **Hosp Community Psychiatry** 1985 May; 36(5):497-503

The mental health commissionership: major changes over a decade. Mills MJ. **Hosp Community Psychiatry** 1985 Apr; 36(4):363-8

The role of the blood bank medical director in patient care. Carlson DA. **Hosp Pract [Off]** 1985 Sep 30;20(9A):24-30

1984 A.B.A. presidential address: burn unit success--a problem of management. Curreri PW. **J Trauma** 1985 Jan; 25(1):1-10

[Role of the medical director of the outpatient therapeutic department in the preparation of the total population for annual screening] L'vov AN, et al. **Sov Zdravookhr** 1985; (3):26-9 **(Rus)**

ECONOMICS

Medical directors targeted in cost cutting. **Hospitals** 1985 Sep 1;59(17):56, 58

EDUCATION

Education, training, professional certification, and work patterns of directors in interstate laboratories. Peddecord KM, et al. **Am J Clin Pathol** 1985 Apr;83(4):480-5

MEDICAL EXAMINERS see **CORONERS AND MEDICAL EXAMINERS**

MEDICAL HISTORY TAKING

see related
DATA COLLECTION

Ultrasound without history [letter] Smith CB. **Am J Obstet Gynecol** 1985 Feb 1;151(3):421-2

What do breast symptoms mean? Goodson WH 3d, et al. **Am J Surg** 1985 Aug;150(2):271-4

The effect of physician behavior on the collection of data. Beckman HB, et al. **Ann Intern Med** 1984 Nov;101(5):692-6

Value of the preoperative history as an indicator of hemostatic disorders. Borzotta AP, et al. **Ann Surg** 1984 Nov;200(5):648-52

Interobserver variability in the assessment of neurologic history and examination in the Stroke Data Bank. Shinar D, et al. **Arch Neurol** 1985 Jun;42(6):557-65

The family history. Harris MF. **Aust Fam Physician** 1985 May;14(5):399-40

Recording the consultation: model for assessment. Jones T. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):803-4

How to survive a case presentation. Bennett HJ. **Chest** 1985 Aug;88(2):292-4

Automated medical history-taking. Solomon M. **Conn Med** 1985 Apr;49(4):224-6

Strengths and weaknesses of direct patient interviewing by a microcomputer system in specialist gynaecological practice. Bingham P, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):43-56

Recording patients' consumption of social drugs in a family medicine residency: a longitudinal study. Rodney WM, et al. **Fam Pract** 1985 Jun;2(2):86-90

Assessing activities of daily living [editorial] Lichtenstein MJ, et al. **Hosp Pract [Off]** 1985 May 30;20(5A):8-9

The fine art of taking a history [editorial] Wolf S. **Hosp Pract [Off]** 1985 Sep 30;20(9A):6, 9

History and physical examination by oral and maxillofacial surgeons: the development of a physical assessment course. Keen R, et al. **J Am Dent Assoc** 1985 Jan;110(1):64-6

Pediatric history form. Valmassy RL. **J Am Podiatry Assoc** 1984 Nov;74(11):574-6

Low back evaluation physician motivation. Grimes HA. **J Arkansas Med Soc** 1985 Feb;81(9):459-62

Abortion experience among obstetric patients at Korle-Bu Hospital, Accra, Ghana. Lamptey P, et al. **J Biosoc Sci** 1985 Apr;17(2):195-203

Systematic bias in recording the history in patients with chest pain. Hickam DH, et al. **J Chronic Dis** 1985;38(1):91-100

The accuracy of patient reports of a family history of cancer. Love RR, et al. **J Chronic Dis** 1985;38(4):289-93

Diagnosing technique problems in interviewing patients. Lichstein PR, et al. **J Med Educ** 1985 Jul;60(7):566-8

Predictive value of epidemiologic questioning in hepatitis screening. Falace DA, et al. **J Oral Med** 1982 Oct-Dec; 37(4):113-7

Proceedings of the American Academy of Oral Medicine. The medical history. Special Committee for Clinical Investigation--report no. 1. Terezhalmy GT. **J Oral Med** 1982 Oct-Dec;37(4):141-3

Clinical information--signs, semeions and symptoms: discussion paper. Wilbush J. **J R Soc Med** 1984 Sep; 77(9):766-73

Reliability of drug history in analgesic users [letter] Schwarz A, et al. **Lancet** 1984 Nov 17;2(8412):1163-4

Patient exposition and physician explanation in initial medical interviews and outcomes of clinic visits. Putnam SM, et al. **Med Care** 1985 Jan;23(1):74-83

Common errors in the statement of the present illness. Benbassat J. **Med Educ** 1984 Nov;18(6):417-22

La maladie du petit papier. Is writing a list of symptoms a sign of an emotional disorder? Burnum JF. **N Engl J Med** 1985 Sep 12;313(11):690-1

The history that wasn't. Robinson NJ. **NC Med J** 1984 Oct; 45(10):650

What is 'recall bias' and does it exist? Lippman A, et al. **Prog Clin Biol Res** 1985;163C:205-9

Changing orientations of medical students to patients' care: biomedical versus biopsychosocial models. Calhoun JG, et al. **Psychol Rep** 1985 Feb;56(1):91-4

Completeness of occupational history and occurrences of work-related diseases. Koskela RS, et al. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):455-9

[An anamnesis questionnaire sent to patients before admission--autonosography] Fossgreen J, et al. **Ugeskr Laeger** 1984 Nov 26;146(48):3781-3 (Eng. Abstr.) **(Dan)**

[The place of the dietary questionnaire in the patient's medical history] Morabia A. **Rev Med Suisse Romande** 1985 Jul;105(7):657-63 **(Fre)**

[Respiratory function tests and longitudinal anamnestic data in a group of children in Berlin (West)] Havestadt C. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:165-9 **(Ger)**

[Health check by CMI (Cornell Medical Index) on radiation workers in a nuclear energy plant] Tsuchiya T, et al. **Sangyo Ika Daigaku Zasshi** 1985 Jun 1;7(2):213-20 (Eng. Abstr.) **(Jpn)**

[Protocols for research on lithiasis patients. 1. Lithiasis history] Reis-Santos JM, et al. **Acta Med Port** 1985 Feb; 6(2):45-55 (Eng. Abstr.) **(Por)**

[Possible uses of computer technology in the inpatient ophthalmology department] Rampášek L, et al. **Cesk Oftalmol** 1984 Jun;40(2-3):96-101 (Eng. Abstr.) **(Slo)**

STANDARDS

History taking from elderly patients. Steel K. **Hosp Pract [Off]** 1985 May 30;20(5A):70-1

How accurate are patient histories? Neugut AI, et al. **J Community Health** 1984 Summer;9(4):294-301

MEDICAL ILLUSTRATION

Cardiac imaging with ultrasound: rightside up or upside down? [editorial] Gutgesell HP. **Am J Cardiol** 1985 Sep 1;56(7):479-80

Medical illustration and community health. Auger D. **J Audiov Media Med** 1984 Oct;7(4):127-31

The black-and-white positive line slide: a modern approach. Fraser AD. **J Audiov Media Med** 1984 Oct;7(4):149

Computer graphics: the state of the art. Rogers GW. **J Audiov Media Med** 1985 Jan;8(1):14-8

Colored pencils for scientific illustration. Hodge GP. **J Biocommun** 1985 Feb;12(1):4-7

Electron microscopy as a tool for scientific illustrators. Mann MJ, et al. **J Biocommun** 1985 May;12(2):8-14

The use of color in anatomical and surgical illustration. Mascaro D. **J Biocommun** 1984 Nov;11(4):4-16

Rapid preparation of lecture slides. Persson AV, et al. **Surg Clin North Am** 1985 Feb;65(1):139-48

[Atlas of head anatomy in the neuro-ocular plane] Tamraz J, et al. **J Fr Ophtalmol** 1984;7(5):371-9 (Eng. Abstr.) **(Fre)**

HISTORY

The art of medicine. Frank H. Netter, MD. Brass A. **Med J Aust** 1984 Dec 8-22;141(12-13):880

An origin for the bone text of the 'five-figure series'. French RK. **Sudhoffs Arch** 1984;68(2):143-56

[Taiwan Province to reprint 'The appearance of metals, stones, insect, herbs and woods', a picture scroll painted in the late Ming dynasty] Rong R. **Chung Yao Tung Pao** 1984 Jul;9(4):154-6 **(Chi)**

[Bourgery and Jacob, Hirschfeld and Leveillé--masterpieces of anatomical iconography in the heyday of lithography] Hildebrand R. **Anat Anz** 1985;158(4):363-72 (Eng. Abstr.) **(Ger)**

[Significance of the work of Andreas Vesalius for modern morphology] Leitert G, et al. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):92-3 **(Rus)**

STANDARDS

Winners of the 1984 slide competition. Block S. **Arthritis Rheum** 1985 May;28(5):569-72

MEDICAL INDIGENCY

The movable medical crisis: a parable in critical-care medicine. Reich WT. **Am J Emerg Med** 1984 Nov; 2(6):550-3

Prenatal care and pregnancy outcomes during the recession: the Washington State experience. Fisher ES, et al. **Am J Public Health** 1985 Aug;75(8):866-9

Private voluntary care for the 'Notch Group:' the St. Elizabeth's Clinic experience. Pust RE, et al. **Ariz Med** 1984 Sep;41(9):609-12

Gonorrhea in medically indigent (AHCCCS) patients. Weiss BD. **Ariz Med** 1985 May;42(5):294-6

The economically unattractive patient: who cares? Feder J, et al. **Bull NY Acad Med** 1985 Jan-Feb;61(1):68-74

Patient dumping: the ignoble face of American medicine. Korcok M. **Can Med Assoc J** 1985 May 1;132(9):1064-7, 1069-71

Poor need rights, not righteousness [letter] Rachlis MM. **Can Med Assoc J** 1985 Jul 1;133(1):14

A coalition that works: medical indigent care in Pueblo. Fogel P. **Colo Med** 1984 Oct;81(10):160, 162

Conceptual model for allocation and rationing physical health services to Colorado's medically indigent. Wright RA, et al. **Colo Med** 1985 Jun 15;82(10):169, 172

Conceptual model for allocation and rationing physical health services to Colorado's medically indigent. Part Two: Facts and assumptions/goals and objectives. Wright RA, et al. **Colo Med** 1985 Jul 1;82(11):184-6

Health care of the poor elderly: supplementing Medicare. Berk ML, et al. **Gerontologist** 1985 Jun;25(3):311-4

Solving uncompensated hospital care: targeting the indigent and the uninsured. Wilensky GR. **Health Aff (Millwood)** 1984 Winter;3(4):50-62

Competitive bidding: the challenge for health care managers. Christianson JB. **Health Care Manage Rev** 1985 Spring; 10(2):39-53

The failure of the group model: a case study. Mersha T. **Health Care Manage Rev** 1985 Summer;10(3):73-80

Indigent care issue focuses on financing. **Hospitals** 1985 Jun 16;59(12):FB46, FB48

Indigent care: where the marketplace fails. Friedman E. **Hospitals** 1985 Aug 1;59(15):48-50, 52

indigent care provider fights for fiscal health. Mintz R. **Hospitals** 1985 Aug 1;59(15):53-4

Managing interhospital patient transfers. Norman DK. **Hospitals** 1985 Mar 16;59(6):98-101

Special interests push indigent care solutions. Richards G. **Hospitals** 1984 Oct 16;58(20):106, 109, 112-4

Indigent care legislation, 1984. Richards G. **Hospitals** 1984 Oct 16;58(20):117-8

Provider participation in competitive bidding for indigent patients. Christianson JB. **Inquiry** 1984 Summer; 21(2):161-77

The uninsured and the financing of uncompensated care: scope, costs, and policy options. Mulstein S. **Inquiry** 1984 Fall;21(3):214-29

Cross-cultural comparison: psychiatric admission of Asian and indigenous patients in Leicestershire. Shaikh A. **Int J Soc Psychiatry** 1985 Spring;31(1):3-11

Effectiveness of state mandates to maintain local government health services for the poor. Brown ER, et al. **J Health Polit Policy Law** 1984 Summer;9(2):223-36

Poor people and poor hospitals: implications for public policy. Feder J, et al. **J Health Polit Policy Law** 1984 Summer;9(2):237-50

Competitive bidding as a cost-containment strategy for indigent medical care: the implementation experience in Arizona. Hillman DG, et al. **J Health Polit Policy Law** 1984 Fall;9(3):427-51

Method of payment and the cesarean birth rate in a hospital in northeast Brazil. Janowitz B, et al. **J Health Polit Policy Law** 1984 Fall;9(3):515-26

Rising ranks of homeless seen as health care problem. Ahluwalia JS. **J La State Med Soc** 1985 Jul;137(7):13

The life and times of Camden. Alewitz S. **J Med Soc NJ** 1984 Sep;81(9):740-6

Health care in the USA [letter] **Lancet** 1984 Sep 29; 2(8405):754

Two-class medicine returns to the United States: impact of Medi-Cal reform. Waitzkin H. **Lancet** 1984 Nov 17; 2(8412):1144-6

Health insurance coverage of the unemployed. Berki SE, et al. **Med Care** 1985 Jul;23(7):847-54

Healing the sick poor: social policy and disability in Norwich 1550-1640. Pelling M. **Med Hist** 1985 Apr;29(2):115-37

The 'dumping' problem: no insurance, no admission [letter] **N Engl J Med** 1985 Jun 6;312(23):1522-4

Economic and legal considerations in emergency care. Curran WJ. **N Engl J Med** 1985 Feb 7;312(6):374-5

Medical care of the poor--a growing problem. Iglehart JK. **N Engl J Med** 1985 Jul 4;313(1):59-63

Health service funding cuts and the declining health of the poor. Mundinger MO. **N Engl J Med** 1985 Jul 4;313(1):44-7

Economic considerations in emergency care. What are hospitals for? [editorial] Relman AS. **N Engl J Med** 1985 Feb 7;312(6):372-3

Interhospital patient transfers [editorial] Norman DK. **Tex Med** 1984 Dec;80(12):9-10

STANDARDS

Malpractice crisis threatens health care for Detroit's homeless. Norman S. **Mich Med** 1985 Jul;84(7):384-5

MEDICAL MISSIONS, OFFICIAL

High living: lessons from extreme altitude. The 1984 J. Burns Amberson lecture. West JB. **Am Rev Respir Dis** 1984 Nov; 130(5):917-23

Mending lips and closing gaps. Riley WB Jr. **Clin Plast Surg** 1984 Oct;11(4):777-83

Giving thanks: turkey takes second place to hard work. Grenier J, et al. **Tex Med** 1984 Nov;80(11):61-3

[An Italian radiologist in Uganda (letter)] Bernardina LD. **Radiol Med (Torino)** 1984 Jul-Aug;70(7-8):583-4 **(Ita)**

HISTORY

[James Israel: my travels to the Sultan (1915). Remarks on the diary of a medical mission] Sackmann W. **Gesnerus** 1985;42(1-2):121-48 (Eng. Abstr.) **(Ger)**

MEDICAL OFFICE BUILDINGS see under **HEALTH FACILITIES**

MEDICAL ONCOLOGY

see related
NEOPLASMS

Use of computed tomography in pediatric oncology. Ling D, et al. **Am J Pediatr Hematol Oncol** 1984 Fall; 6(3):293-311

Confidentiality of medical records in pediatric cancer care. Myths, perceptions, and reality. van Eys J. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):415-23

Surgical oncology [editorial] Clunie GJ, et al. **Aust NZ J Surg** 1985 Apr;55(2):87

Do we need medical oncologists? [editorial] Cullen MH, et al. **Br J Hosp Med** 1984 Aug;32(2):59

Interrelationship of cancer control and clinical research in the community. Enck RE. **CA** 1984 Nov-Dec;34(6):340-4

The privileges and the responsibilities of a surgical oncologist. McKenna RJ. **Cancer** 1985 Mar 15; 55(6):1159-62

American Cancer Society Writers' Seminars: their role in effective communication. Davis AC. **Cancer Invest** 1985; 3(2):193-5

The message in the bottle: a value predicament in cancer research. Geelhoed GW. **Del Med J** 1985 Feb;57(2):95-8

Organization of clinical oncology in the U.S.A.: role of cancer centers, cooperative groups and community hospitals. Carbone PP. **Eur J Cancer Clin Oncol** 1985 Feb; 21(2):149-54

Presidential panel. The gynecologic oncologist in academic departments. Morley GW, et al. **Gynecol Oncol** 1984 Oct; 19(2):127-42

An integrated data model for patient care. Blum BI, et al. **IEEE Trans Biomed Eng** 1985 Apr;32(4):277-88

Treatment of retinoblastoma and choroidal melanoma. A multidisciplinary approach. van Peperzeel HA. **Int Ophthalmol** 1985 Mar;7(3-4):255-8

A decade of accomplishment. The Journal of Dermatologic Surgery and Oncology [editorial] Robins P. **J Dermatol Surg Oncol** 1985 Mar;11(3):193-4

Attitudes of medical students toward psychiatric, oncologic, and general medical patients. Wachtel A, et al. **J Med Educ** 1985 Apr;60(4):337-9

Usefulness of the on-line data base CANCERLIT: an evaluation study based on consecutive searches in CANCERLIT and MEDLINE for oncologists. Kjellander E, et al. **JNCI** 1985 Jun;74(6):1351-3

The beginnings of cancer research centers in the United States. Rusch HP. **JNCI** 1985 Feb;74(2):391-403

Symposium on pediatric oncology. **Pediatr Clin North Am** 1985 Jun;32(3):539-862

[Role of the clinical oncologist and the oncologist in private practice in the ambulatory care of cancer patients] Illiger J, et al. **Onkologie** 1985 Apr;8(2):68-70 **(Ger)**

[The urological group of the EORTC (European Organization for Research on the Treatment of Cancer), 1976-1984] Smith PH, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:713-23 (Eng. Abstr.) **(Spa)**

EDUCATION

Effects of intensive clinical exposure on attitudes of medical students toward cancer-related problems. Hays DM, et al. **Cancer** 1985 Feb 1;55(3):636-42

Essentials and guidelines for radiation oncology residency training programs. American College of Radiology Committee on Education. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1009-16

Cancer education via video-teleconferencing: an assessment of participant responses. Burleson S, et al. **J Biocommun** 1984 Aug;11(3):5-9

Radiation oncology--the misunderstood specialty. Wong F, et al. **J Can Assoc Radiol** 1984 Jun;35(2):144-8

Medical centers: source for training future oncologists [letter] Einhorn LH. **J Clin Oncol** 1985 Jul;3(7):1040

Clinical oncology assistantship program for medical students. Neilan BA, et al. **J Med Educ** 1985 Jun;60(6):473-7

18th annual meeting: American Association for Cancer Education. October 30-31, November 1-2, 1984, Valhalla, New York. Abstracts. **Med Pediatr Oncol** 1984; 12(6):1A-42A

Training and oncologists' changing attitudes toward their own cancer therapy. Schnaper N, et al. **Med Pediatr Oncol** 1985;13(5):293-7

[Hospital teaching of oncology] Hoerni B, et al. **Bull Cancer (Paris)** 1985;72(1):1-5 (Eng. Abstr.) **(Fre)**

[Unresolved problems and outlook for improving the teaching of oncology in higher medical institutes] Shain AA. **Vopr Onkol** 1984;30(10):81-6 (Eng. Abstr.) **(Rus)**

[Encouraging the creative activity of young scientific coworkers] Trapeznikov NN, et al. **Vopr Onkol** 1985; 31(7):110-3 **(Rus)**

HISTORY

Dr. James A. Wolff. III. First pediatric hematologist at Babies Hospital. Pochedly C. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):455-8

Presidential address: Tumoribus praeter naturam. Bricker EM. **Ann Surg** 1985 Sep;202(3):265-77

The surgeon and oncology. Raven RW. **Clin Oncol** 1984 Dec; 10(4):311-8

History of the last 100 years of attempts to control neoplastic disease [editorial] Veronesi U. **Eur J Surg Oncol** 1985 Mar; 11(1):1-3

[The role of A. Haddow and the Chester Beatty Institute of the Royal Cancer Hospital in tumor research 1950-1960] Jeney A, et al. **Orv Hetil** 1985 May 19;126(20):1237-8 **(Hun)**

[The 1st oncology congress in Russia] Guslitser LN. **Eksp Onkol** 1984;6(6):71-2 **(Rus)**

[Sources for research on the history of the development of the oncological service in Soviet public health] Bachev VI. **Vopr Onkol** 1985;31(5):75-8 **(Rus)**

[Soviet oncologists--participants in World War II] Mel'nikov RA. **Vopr Onkol** 1985;31(5):78-88 **(Rus)**

INSTRUMENTATION

[First experience with continuous infusions of cytosar using a Soviet-made portable dosage apparatus DF-1] Perilov

AA, et al. **Ter Arkh** 1984;56(7):125-6 **(Rus)**

MANPOWER

Radiation oncology in Canada: the increasing manpower crisis. Froud PJ. **Can Med Assoc J** 1985 Feb 15; 132(4):351-7

The impending medical oncologist glut [letter] Van Scoy-Mosher MB. **J Clin Oncol** 1984 Dec;2(12):1425

METHODS

CT scanning in paediatric oncology. Taylor S. **Radiography** 1985 Mar-Apr;51(596):81-3

[A simple method for the determination of the methotrexate level in the practice of clinical oncology] Borsi J. **Orv Hetil** 1984 Oct 21;125(43):2629-31 (Eng. Abstr.) **(Hun)**

[Analytical microelectrophoresis of cells and the means for using it in oncological research] Novichenko NL, et al. **Eksp Onkol** 1985;7(3):21-6, 30 (53 ref.) (Eng. Abstr.) **(Rus)**

TRENDS

Radiation oncology. Programs for the present and future. Brady LW, et al. **Cancer** 1985 May 1;55(9 Suppl):2037-50 (141 ref.)

Neuro-oncology: a maturing discipline. Obbens EA, et al. **Clin Neurol Neurosurg** 1984;86(4):251-3

Whither surgical oncology? [editorial] Cuschieri A. **Eur J Surg Oncol** 1985 Jun;11(2):107-8

Presidential address: 15th annual meeting, Society of Gynecologic Oncologist (1984). The gynecologic oncologist: issues of the eighties. Underwood PB Jr. **Gynecol Oncol** 1984 Nov;19(3):261-7

Presidential address: the plight of clinical cancer research. Schein PS. **J Clin Oncol** 1984 Dec;2(12):1433-9

A decade of dermatologic surgery. Braun-Falco O, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):199-202, 208

Oncology seen through the prism of Wilms tumor. D'Angio GJ. **Med Pediatr Oncol** 1985;13(2):53-8

Progress in prevention, detection and treatment of cancer. Lemon HM. **Nebr Med J** 1984 Oct;69(10):321-4

Oncology changes and the diagnostic radiographer. Lorimer D. **Radiography** 1985 Mar-Apr;51(596):77-80

Oncology changes and the therapy radiographer. van der Heide-Schoon G. **Radiography** 1985 May-Jun; 51(597):149-54

[French oncology: a spatiotemporal general view from a special observation point, the Year Books of Cancer] Salomon JC, et al. **Bull Cancer (Paris)** 1984;71(4):382-7 (Eng. Abstr.) **(Fre)**

[Oncologic surgery--current state and perspectives] Kulakowski A. **Nowotwory** 1984 Apr-Jun;34(2):97-101 **(Pol)**

[Neoplasm kinetics. I. Trends and development of experimental and clinical studies] Maciejewski B. **Nowotwory** 1984 Oct-Dec;34(4):365-73 (Eng. Abstr.) **(Pol)**

[Activities of the central institute and branch institutions with regard to introducing scientific achievements in the field of oncology] Starinskiĭ VV, et al. **Sov Med** 1985;(1):58-61 **(Rus)**

[Present and future of therapeutic oncology] García G, et al. **Gac Med Mex** 1984 Jul-Aug;120(7-8):281-300 **(Spa)**

MEDICAL PSYCHOLOGY see **PSYCHOLOGY, MEDICAL**

MEDICAL RECEPTIONISTS see under **MEDICAL SECRETARIES**

MEDICAL RECORD LINKAGE see under **MEDICAL RECORDS**

MEDICAL RECORDS

see related

MEDICAL HISTORY TAKING

Validity of hospital discharge data in a prospective epidemiological study on stroke and myocardial infarction. Heliövaara M, et al. **Acta Med Scand** 1984;216(3):309-15

On-line documentation of measles-mumps-rubella vaccine inoculation [letter] Wilkins J. **Am J Dis Child** 1985 Oct; 139(10):961

A comparison of pregnancy history recall and medical records. Implications for retrospective studies. Tilley BC, et al. **Am J Epidemiol** 1985 Feb;121(2):269-81

Computer-assisted composition and reproduction of ophthalmic documentation. Rosenwasser GO, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):711-4

Confidentiality of medical records in pediatric cancer care. Myths, perceptions, and reality. van Eys J. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):415-23

A modification of the International Classification of Diseases for Uniform Coding of Diagnosis, Procedures, and Medications. The Perinatal Intensive Care Computer System. Myers TF, et al. **Am J Perinatol** 1985 Jul; 2(3):240-1

The development of a gynecology data collection system. Williams TG, et al. **Am J Perinatol** 1985 Jul;2(3):259-60

The California Automated Mortality Linkage System (CAMLIS). Arellano MG, et al. **Am J Public Health** 1984 Dec;74(12):1324-30

Increase in relevant data after introduction of a problem-oriented record system in primary pediatric care. Margolis CZ, et al. **Am J Public Health** 1984 Dec; 74(12):1410-2

Strategy and art in automated death searches [editorial] Newcombe HB. **Am J Public Health** 1984 Dec; 74(12):1302-3

Computerized anesthesia records may have drawbacks [letter] Lees DE. **Anesthesiology** 1985 Aug;63(2):236-7

Computerized anesthesia record [letter] Rosen AS, et al. **Anesthesiology** 1985 Jan;62(1):100-1

An emergency medicine clinical problem-solving system. Papa FJ. **Ann Emerg Med** 1985 Jul;14(7):660-3

Evaluation of a home based health record booklet. Lakhani AD, et al. **Arch Dis Child** 1984 Nov;59(11):1076-81

Inaccurate coding corrupts medical information. Sunderland R. **Arch Dis Child** 1985 Jun;60(6):593-4

A computer-based method of filing photographs and procedures. Allan JH, et al. **Arch Otolaryngol** 1985 Mar; 111(3):178-81

Freedom of information--the Victorian experience. Nye A. **Aust Clin Rev** 1984 Sep;(14):39-42

Using a computer medical record summary. Bridges-Webb C. **Aust Fam Physician** 1984 Sep;13(9):698-9

How accurate are medical records in detecting patient problems? Kamien M, et al. **Aust Fam Physician** 1984 Oct; 13(10):738-41

Freedom of information: can we afford to be anything but clinical? Lipton GL, et al. **Aust NZ J Psychiatry** 1984 Jun; 18(2):158-62

The computerized medical record-on-a-card. Frenger P. **Biomed Sci Instrum** 1985;21:131-5

Microcomputer-based anaesthetic record system. Prentice JW, et al. **Br J Anaesth** 1984 Dec;56(12):1433-7

Analysis of records from an open-access audiology service. McCormick B, et al. **Br J Audiol** 1984 Aug;18(3):127-32

Use of a microcomputer to store information on radiology cases. Kurtz D, et al. **Br J Radiol** 1984 Dec; 57(684):1097-102

Computer-based records [letter] **Br J Surg** 1985 Jun; 72(6):502-3

Responsibility in the use of personal medical information for research: principles and guide to practice. Statement by the Medical Research Council. **Br Med J [Clin Res]** 1985 Apr 13;290(6475):1120-4

Confidentiality of personal health information [editorial] Asbury AJ. **Br Med J [Clin Res]** 1984 Dec 8; 289(6458):1559-60

Shuttle case records: link between general practice and the specialist unit. Beyer JM, et al. **Br Med J [Clin Res]** 1985 Mar 2;290(6469):677-80

Maintaining the accuracy of a computer practice register: household index. Difford F, et al. **Br Med J [Clin Res]** 1985 Feb 16;290(6467):519-21

Recording the consultation: model for assessment. Jones T. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):803-4

Computer assisted shared care in hypertension. Petrie JC, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1960-2

Writing it down. Snell P. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1674-8

Completeness of routine reporting of school-related injuries to children. Woodward CA, et al. **Can J Public Health** 1984 Nov-Dec;75(6):454-7

A method of evaluating the results of forefoot surgery. Grace DL, et al. **Clin Orthop** 1985 Sep;(198):208-18

Data in case reports questioned [letter] Caroff SN, et al. **Clin Pharm** 1984 Nov-Dec;3(6):588-9

Researchers' access to patient records: an analysis of the ethical problems. Appelbaum PS, et al. **Clin Res** 1984 Oct; 32(4):399-403

Informed consent for research publication of patient-related data. Murray JC, et al. **Clin Res** 1984 Oct;32(4):404-8

Commentary: the draft privacy bill--what the epidemiologist saw. Potter JD, et al. **Community Health Stud** 1984; 8(3):332-4

Reconstruction of genealogies from vital records: the Laredo Epidemiology Project. Buchanan AV, et al. **Comput Biomed Res** 1984 Aug;17(4):326-51

An algorithm to count the number of repeated patient data entries with B tree. Okada M, et al. **Comput Biomed Res** 1985 Apr;18(2):121-4

A microcomputerized case log for surgical residents. Smith MV, et al. **Curr Surg** 1984 Sep-Oct;41(5):371-3

Recording motor defects of children with cerebral palsy [letter] Evans PM, et al. **Dev Med Child Neurol** 1985 Jun; 27(3):404-6

Automatic analysis of ambulatory ECG records. Campbell RW, et al. **Eur Heart J** 1984 Sep;5 Suppl B:31-4

The Standard Immunisation Recall System: should it be adopted now or in the future? Petrie W, et al. **Health Bull (Edinb)** 1985 Jul;43(4):167-71

A study of the content of referral letters from general practitioners for acute surgical admissions to a district general hospital. Walsh ME. **Health Bull (Edinb)** 1985 Mar; 43(2):64-71

Patients' release of medical records: involuntary, uninformed consent? Kinzie JD, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):843-7

Course-of-illness graphs. Caplan LR. **Hosp Pract [Off]** 1985 Jul 15;20(7):125, 129, 134-6

Case reports--desideratum or rubbish? [editorial] Pascal RR. **Hum Pathol** 1985 Aug;16(8):759

The development of matching criteria for epidemiological studies using record linkage techniques. Fett MJ. **Int J Epidemiol** 1984 Sep;13(3):351-55

What should Iowa physicians know about releasing medical records? **Iowa Med** 1985 Mar;75(3):98-101

What should Iowa physicians know about medical record retention? **Iowa Med** 1985 May;75(5):206-8

Do you need a computer in your office? Abbey DC, et al. **Iowa Med** 1985 Jan;75(1):9-12

Problem-oriented record: effect on problem identification in the hospital. Margolis CZ, et al. **Isr J Med Sci** 1984 Nov; 20(11):1044-50

Assessment of cognitive deficit in geriatric patients. A study of physician behavior. McCartney JR, et al. **J Am Geriatr Soc** 1985 Jul;33(7):467-71

Pediatric history form. Valmassy RL. **J Am Podiatry Assoc** 1984 Nov;74(11):574-6

Ashton Tate's dBASE II as a patient-index manager. Brown SE. **J Audiov Media Med** 1985 Jan;8(1):5-8

The computing system in the Audio Visual Centre University of Newcastle upon Tyne. Gilder RS. **J Audiov Media** Med 1985 Jul;8(3):84-9

'Cardbox'--an ideal program for clinical filing. Robertson SJ. **J Audiov Media Med** 1985 Jan;8(1):19-21

Comparison of ante-natal hospital records with retrospective interviewing. Joffe M, et al. **J Biosoc Sci** 1985 Jan; 17(1):113-9

Assessing the reliability of epidemiologic data obtained from medical records. Horwitz RI, et al. **J Chronic Dis** 1984; 37(11):825-31

The accuracy of patient reports of a family history of cancer. Love RR, et al. **J Chronic Dis** 1985;38(4):289-93

Recording of surgical specimens. Caver CV. **J Dermatol Surg Oncol** 1985 May;11(5):484-5

Confidentiality of psychotherapeutic records. Sloan JB, et al. **J Leg Med (Chicago)** 1984 Sep;5(3):435-67 (250 ref.)

Revisiting the physician's obligation to comply with requests to produce documents. Berg RN. **J Med Assoc Ga** 1985 May;74(5):322-4

The physician's statutory obligation to furnish medical records to patients. Berg RN. **J Med Assoc Ga** 1984 Nov; 73(11):787-9

Integration of database capabilities into a patient reporting system. Thompson WL, et al. **J Nucl Med** 1985 Jul; 26(7):770-4

Medical records and confidentiality [letter] Silverstein MA. **J Occup Med** 1984 Nov;26(11):790, 798

Medical audit using a computer-based medical records system. Young DW. **J R Coll Physicians Lond** 1984 Oct; 18(4):244-7

Whose file is it anyway? Discussion paper. Cohen RN. **J R Soc Med** 1985 Feb;78(2):126-8

Filophilia [editorial] Northover JM. **J R Soc Med** 1985 Feb; 78(2):93-5

Information about strokes lost between post-mortem and reported cause of death. Peach H. **J R Soc Med** 1985 Jun; 78(6):445-51

Clinical information--signs, semeions and symptoms: discussion paper. Wilbush J. **J R Soc Med** 1984 Sep; 77(9):766-73

Using COSTAR in occupational health. Wild AE, et al. **J Soc Occup Med** 1984 Nov;34(4):109-23

Evaluation of a home based antenatal card. Abraham S, et al. **J Trop Pediatr** 1985 Feb;31(1):39-42

System for widespread application of microcomputers to vascular surgery. Gupta SK, et al. **J Vasc Surg** 1984 Jul; 1(4):601-4

Development of a computerized vascular registry for large-scale use. Karmody AM, et al. **J Vasc Surg** 1984 Jul;1(4):594-600

Excess mortality among psychiatric patients. The Iowa Record-Linkage Study. Black DW, et al. **JAMA** 1985 Jan 4;253(1):58-61

The impact of a quality assurance program on postgraduate training in internal medicine. Bouchard RE, et al. **JAMA** 1985 Feb 22;253(8):1146-50

A computerized summary medical record system can provide more information than the standard medical record. Whiting-O'Keefe QE, et al. **JAMA** 1985 Sep 6; 254(9):1185-92

Local recall scheme for cervical cytology [letter] Brough AK. **Lancet** 1985 May 11;1(8437):1102

Aims and practical application of a multi organ procurement protocol. Ringe B, et al. **Langenbecks Arch Chir** 1985; 365(1):47-55

After-hours telephone access to physicians with access to computerized medical records. Experience in an inner-city general medicine clinic. Darnell JC, et al. **Med Care** 1985 Jan;23(1):20-6

Clinical data bases. Accomplishments and unrealized potential. Pryor DB, et al. **Med Care** 1985 May; 23(5):623-47 (258 ref.)

Identification of patients in medical data bases--soundex codes versus match code. Goehring R. **Med Inf (Lond)** 1985 Jan-Mar;10(1):27-34

Method of medical data preparation for modern prophylactic needs. Trabka W, et al. **Med Inf (Lond)** 1985 Jan-Mar; 10(1):51-8

The design of a medical record system based on plastic surgery. Vasilescu NB. **Med Inf (Lond)** 1984 Apr-Jun; 9(2):117-23

An experiment in privacy protection. Donovan JW. **Med J Aust** 1984 Nov 10;141(10):648-9

The seizure of medical records [editorial] Gerber P. **Med J Aust** 1985 Jul 8;143(1):4

The hospital discharge summary [letter] Last PM. **Med J Aust** 1985 Aug 19;143(4):174-5

A simple questionnaire for use in computerizing bone marrow aspirate reports. Martin PJ, et al. **Med Lab Sci** 1984 Jul; 41(3):291-4

Physician medical records: why, whether, wherefore, how and their longevity. Hirsh HL, et al. **Med Law** 1985; 4(2):141-54

Vrx: a verify-record system for radiotherapy. Dickof P, et al. **Med Phys** 1984 Jul-Aug;11(4):525-7

The design and use of a charting system for automatic record keeping during extracorporeal circulation. Oomen J, et al. **Med Prog Technol** 1985;10(4):239-47

How to organize the medical data of chronically ill patients in the computer. Martin JM, et al. **Methods Inf Med** 1985 Jan;24(1):5-12

Evaluation of a computer-assisted screening method for medical history records. Seelos HJ. **Methods Inf Med** 1984 Oct;23(4):189-94

REFORGER patient data: information collected in a CSH emergency room during a military training exercise. McMarlin SA, et al. **Milit Med** 1985 Jul;150(7):368-71

Information management systems in neonatal intensive care: a case report. Frayer WW. **Mt Sinai J Med (NY)** 1985 Feb;52(2):82-6

The computer as a new basis for analytic clinical practice: coupling individual problems with medical knowledge. Weed LL. **Mt Sinai J Med (NY)** 1985 Feb;52(2):94-8

Computer-based medical-record systems in ambulatory practice [letter] Anderson H. **N Engl J Med** 1984 Nov 1; 311(18):1189

Asthma and diary/treatment cards [letter] Barry DM, et al. **NZ Med J** 1985 Jul 10;98(782):556

The use of computers in medical information systems. McQueen MP, et al. **NZ Med J** 1984 Dec 26;97(770):896-8

Evaluation of a daily activity diary for chronic pain patients. Follick MJ, et al. **Pain** 1984 Aug;19(4):373-82

Physical therapists' notes and outcomes of physical therapy. A case of insufficient evidence. Steffen TM, et al. **Phys Ther** 1985 Feb;65(2):213-7

Is this child developing properly? A practical tool for monitoring. Holmes GE. **Postgrad Med** 1985 Feb 15; 77(3):101-5, 108-9

Childfile--a local computerised child health system. Polnay L, et al. **Practitioner** 1984 Oct;228(1396):972-3

The doctor, the patient and the computer. Sheldon MG. **Practitioner** 1984 Dec;228(1398):1121-4

The child health record and its uses for epidemiological purposes. Banister P. **Prog Clin Biol Res** 1985;163B:33-8

Recording psychological testing: the Psychological Testing Report Form. Croake JW. **Psychol Rep** 1985 Feb; 56(1):171-5

A medical chart review for information about sexual functioning in cervical carcinoma. Bransfield DD, et al. **Radiother Oncol** 1984 Mar;1(4):317-23

Rheumatic diseases in a health interview survey and in in-patient care. A record linkage study on two registers. Allebeck P, et al. **Scand J Soc Med** 1984;12(4):147-54

Importance of satisfactory reporting in the care of patients covered by workers' compensation. Smith MA Jr. **South Med J** 1985 May;78(5):598-601

Use of the personal computer in clinical research. Persson AV, et al. **Surg Clin North Am** 1985 Feb;65(1):131-8

The problem with the Operative Permit [editorial] Weaver JP. **Surg Gynecol Obstet** 1984 Dec;159(6):579-80

Computerized system for the follow-up of patients with heart valve replacements. Bain WH, et al. **Thorac Cardiovasc Surg** 1985 Apr;33(2):76-80

Child health card. Reddaiah VP. **Trop Doct** 1985 Jul; 15(3):132-4

[Suggestion for a new form for documentation of pregnancy and a suggestion for the pregnancy record as a supplement to the gynecologist's records] Stašek K, et al. **Cesk Gynekol** 1985 Apr;50(3):188-202 **(Cze)**

[An attempt to integrate and complete information about patients and to simplify work with medical records] Kolomazník M, et al. **Cesk Psychiatr** 1985 Apr;81(2):79-84 (Eng. Abstr.) **(Cze)**

[Intrauterine death or infant death shortly after birth: reporting and diagnostic aspects] Christiaens GC, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1482-6 **(Dut)**

[Look before you leap; general problems in the switch-over from kardex to data base] Offerhaus L. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):58-9 **(Dut)**

[Computerized records for obstetrical epidural analgesia] Beague D, et al. **Ann Fr Anesth Reanim** 1985;4(1):89-93 (Eng. Abstr.) **(Fre)**

[Project for the production of a videofilm on the recording of psychiatric data in a microcomputer] Fanielle J, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1231-6 **(Fre)**

[Preliminary results of an experiment in computerization of psychiatric records] Garreau M, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):847-54 **(Fre)**

[Cybernetic preliminaries to the recording of clinical data in psychiatry] Mairlot FE. **Ann Med Psychol (Paris)** 1984 Jun;142(6):802-12 **(Fre)**

[Problems presented by the recording of clinical data in psychiatry. Value of tables for recording by levels of mental organization] Marchais P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):813-25 **(Fre)**

[Ethical and legal problems posed by the computerized recording of psychiatric clinical information in France] Pascalis G, et al. **Ann Med Psychol (Paris)** 1984 Jun; 142(6):907-13 **(Fre)**

[Analysis of 500 clinical records in psychiatry] Pelicier Y, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):854-61 **(Fre)**

[Computerized management of the medical record in cardiac surgery. Experience at Foch Hospital] Brodaty D, et al. **Arch Mal Coeur** 1984 Nov;77(12):1344-50 (Eng. Abstr.) **(Fre)**

[Computerization of a card-index of central retinal vein occlusion] Chaine G, et al. **Bull Soc Ophtalmol Fr** 1983 Nov;83(11):1279-80, 1283-4 **(Fre)**

[Computerized medical records and searching] Chaine G, et al. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:113-36 **(Fre)**

[Daily use of computer science] Hache JC. **Bull Soc Ophtalmol Fr** 1984 Nov;Spec No:47-52 **(Fre)**

[Computerized report of anesthesia in real time] Pourriat JL, et al. **Cah Anesthesiol** 1985 Mar;33(2):135-9 (Eng. Abstr.) **(Fre)**

[The fundamental unit of information of the computerized medical record: the Standardized Medical Transaction] Lardennois B, et al. **Cah Sociol Demogr Med** 1985 Apr-Jun; 25(2):157-71 **(Fre)**

[Record filing in a department of radiology. Value of a microcomputer] Bloch P, et al. **J Radiol** 1984 Oct; 65(10):697-9 (Eng. Abstr.) **(Fre)**

[Computers in radiology for the management of x-ray computed tomographic files] Drouineau J, et al. **J Radiol** 1984 Apr;65(4):309-10 **(Fre)**

[Form for palliative surgery of leprosy] Bourrel P. **Med Trop (Mars)** 1984 Apr-Jun;44(2):171-8 **(Fre)**

[Microcomputer processing of medical records] Legout A, et al. **Neurochirurgie** 1984;30(6):423-5 (Eng. Abstr.) **(Fre)**

[The micro-computer card. Possible applications to transfusion from A to Z] Saleun JP, et al. **Rev Fr Transfus Immunohematol** 1985 May;28(2):159-73 (Eng. Abstr.) **(Fre)**

[Dealing with medical records through commercial secretarial agencies] Rieger HJ. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):603-4 **(Ger)**

[Access to medical records following psychiatric treatment. The federal court clarifies exceptions to the rule advocating confidentialty] Krautkrämer H. **Fortschr Med** 1985 May 15;103(19):102-3 **(Ger)**

[A new questionnaire for the detection of causes of lung and respiratory tract diseases] Kronenberger H, et al. **Prax Klin Pneumol** 1985 Jul;39(7):233-51 (Eng. Abstr.) **(Ger)**

[Electronic data processing-assisted epicrisis in clinico-psychiatric documentation of findings] Koselowski G, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul; 36(7):414-9 (Eng. Abstr.) **(Ger)**

[Office computer and patient history: data protection] Howald M. **Schweiz Rundsch Med Prax** 1985 May 14; 74(20):543-4 (Eng. Abstr.) **(Ger)**

[Clinical records of malignant tumors of the larynx] **Acta Otorhinolaryngol Ital** 1985 Jan-Feb;5(1):91-102 (Eng. Abstr.) **(Ita)**

[Proposal of a software program as a model of fetal medicine of the preventive type] Malanetto C, et al. **Minerva Ginecol** 1985 Apr;37(4):157-70 (Eng. Abstr.) **(Ita)**

[A new data base system of medical record adopting POS matrix at Shimane Medical University] Mori C, et al. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):311-7 (Eng. Abstr.) **(Jpn)**

[The information management of anaesthesia for patients with rheumatoid arthritis by using a microcomputer] Enomoto N, et al. **Masui** 1985 Jun;34(6):812-21 (Eng. Abstr.) **(Jpn)**

[Problems in interpreting biochemical data--a method for detecting the clerical mismatch of clinical samples] Koresawa S, et al. **Rinsho Byori** 1984 Jun;32(6):599-605 **(Jpn)**

[Microcomputer-assisted interpretive reporting with analysis of multiphasic laboratory measurements in clinical chemistry] Matsuda N, et al. **Rinsho Byori** 1984 Jun; 32(6):606-12 (14 ref.) **(Jpn)**

[System for automating primary examinations of the public in a polyclinic] Drozhzhin VM, et al. **Med Tekh** 1984 Nov-Dec;(6):9-11 (Eng. Abstr.) **(Rus)**

[Variation of a simplified table for recording and analyzing eye injuries] Gundorova RA, et al. **Oftalmol Zh** 1984; (6):360-3 (Eng. Abstr.) **(Rus)**

[Method of processing past records for evaluating methods of treating breast cancer] Gritsman IuIa, et al. **Vopr Onkol** 1984;30(10):64-73 (Eng. Abstr.) **(Rus)**

[Preventive care in general practice and its documentation] Klimo F, et al. **Cesk Zdrav** 1984 Sep;32(8-9):338-48 (Eng. Abstr.) **(Slo)**

[The division of tasks, documentation and records in dispensary care] Sedlák V. **Cesk Zdrav** 1985 May; 33(5):228-31 (Eng. Abstr.) **(Slo)**

LEGISLATION & JURISPRUDENCE

[Right of the patient to disclosure of his psychiatric chart] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 15; 110(11):433-4 **(Ger)**

STANDARDS

Medical records in a private hospital. Andrew RR. **Aust Clin Rev** 1984 Mar;(11):14-9

Case notes and reports. Pedler DS, et al. **Aust Fam Physician** 1985 Mar;14(3):221, 224

Age-sex registers as a screening tool for general practice: size of the wrong address problem [letter] Fraser RC. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):923-4

CMA Policy Summary. Confidentiality, ownership and transfer of medical records. **Can Med Assoc J** 1985 Jul 15;133(2):142A-142B **(Eng, Fre)**

The fate of 'outstanding postdischarge data'. Klippenstein N, et al. **Can Med Assoc J** 1985 Aug 1;133(3):189-90

Some treatment-withholding implications of no-code orders in an academic hospital. Uhlmann RF, et al. **Crit Care Med** 1984 Oct;12(10):879-81

'Timely' completion of medical records defined. Affeldt JE. **Hospitals** 1984 Nov 16;58(22):114-6

DRGs and hospital case records: implications for Medicare case mix accuracy. Johnson AN, et al. **Inquiry** 1984 Summer;21(2):128-34

The inadequacies of information on current drug therapy in out-patients' records. Feely M, et al. **J R Coll Physicians Lond** 1984 Oct;18(4):222-4

Records and the occupational physician. Munn A. **J Soc Occup Med** 1984 Nov;34(4):105-7

Physician and coding errors in patient records. Lloyd SS, et al. **JAMA** 1985 Sep 13;254(10):1330-6

H.E.L.P. [letter] Rosenfeld MJ. **JAMA** 1985 Apr 12; 253(14):2043

Documentation: the weak link in audiometric monitoring programs. Gasaway DC. **Occup Health Saf** 1985 Jan; 54(1):28-33

Protection of computerized medical data--a problem? van der Poel KG, et al. **S Afr Med J** 1985 Jul 20;68(2):106-9

[The medical record in Child Health Services] van der Meeren WB, et al. **Tijdschr Kindergeneeskd** 1985 Jun; 53(3):122-7 (Eng. Abstr.) **(Dut)**

[Computerized observation in psychiatry: reflections arising from a study in progress for 5 years] Barrois C, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):786-90 **(Fre)**

[Development of a standardized form for mercury gauge plethysmography of veins and arteries] Benhamou AC, et al. **J Mal Vasc** 1984;9(4):307-13 (Eng. Abstr.) **(Fre)**

[Theory and practice of the determination of the effectiveness of roentgen examinations--a complex analysis toward decreasing the frequency of requests for roentgen diagnosis. 2. Value--data collection--production lists--roentgen referral slips] Fuchs R, et al. **Radiol Diagn (Berl)** 1984; 25(3):235-46 (Eng. Abstr.) **(Ger)**

[Documentation in the polyclinic-internal medicine care process] Wenzel KP. **Z Gesamte Inn Med** 1985 Apr 15; 40(8):241-2 (Eng. Abstr.) **(Ger)**

[The pediatric chart] Díaz Rossello JL, et al. **Bol Of Sanit Panam** 1985 Apr;98(4):311-9 (Eng. Abstr.) **(Spa)**

UTILIZATION

A plea for medical research [editorial] Elliott PM, et al. **Med J Aust** 1984 Oct 13;141(8):484

MEDICAL RECORDS DEPARTMENT, HOSPITAL see under **HOSPITAL DEPARTMENTS**

MEDICAL RECORDS, PROBLEM ORIENTED see under **MEDICAL RECORDS**

MEDICAL SECRETARIES

The role of the receptionist in general practice: a 'dragon behind the desk'? Arber S, et al. **Soc Sci Med** 1985; 20(9):911-21

[Dealing with medical records through commercial secretarial agencies] Rieger HJ. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):603-4 **(Ger)**

MEDICAL SOCIOLOGY see **SOCIOLOGY, MEDICAL**

MEDICAL STAFF

Drug information requests from practitioners outside an institution [letter] Isetts B, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1760-1

[Morphine and the management of pain. Basic knowledge among the Danish medical staff] Eriksen J, et al. **Ugeskr Laeger** 1984 Apr 30;146(18):1354-7 (Eng. Abstr.) **(Dan)**

EDUCATION

[Activities of the Ivano-Frankovsk district sanitary and epidemiological center with regard to advanced training of specialists in medical parasitology] Mikhaĭlenko TF, et al. **Med Parazitol (Mosk)** 1985 Mar-Apr;(2):89-90 **(Rus)**

PSYCHOLOGY

Coping with an intra-institutional relocation: changes in resident and staff behavior patterns. Moos RH, et al. **Gerontologist** 1984 Oct;24(5):495-502

MEDICAL STAFF, HOSPITAL

The effect of time since training on house officers' retention of cardiopulmonary resuscitation skills. Mancini ME, et al. **Am J Emerg Med** 1985 Jan;3(1):31-2

Being a better house officer. Baldwin JG Jr. **Am J Med** 1985 Mar;78(3):369-70

Psychology in United States medical schools: 1983. Thompson RJ Jr, et al. **Am Psychol** 1984 Sep;39(9):988-95

Hepatitis B markers in pediatric anesthesia personnel [letter] Friesen RH. **Anesthesiology** 1984 Nov;61(5):622-3

'Do not resuscitate' decisions. A prospective study at three teaching hospitals. Lo B, et al. **Arch Intern Med** 1985 Jun;145(6):1115-7

Guidelines for delineation of clinical privileges in surgery. Collopy BT. **Aust Clin Rev** 1984 Jun;(13):41-3

Recent experience of tuberculosis in junior hospital doctors in Leeds and Bradford. Belfield PW, et al. **Br J Dis Chest** 1984 Oct;78(4):313-6

What can consultants expect from the Griffiths report? Bolt D. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1159-60

The career structure--an indication for major surgery? Egdell D. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):709-10

Tuberculosis in hospital doctors [editorial] Festenstein F. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1327-8

An UCCA scheme for SHOs? [letter] King RC. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):351

Persistence of divergent views of hospital staff in detecting and managing hypertension. Manek S, et al. **Br Med J [Clin Res]** 1984 Nov 24;289(6456):1433-4

AIDS and the anaesthetist. Cordero AS, et al. **Can Anaesth Soc J** 1985 Jan;32(1):45-8 (15 ref.)

'Wounded healers' can help give hospital patients more humane care [editorial] Morgan PP. **Can Med Assoc J** 1984 Dec 1;131(11):1335-6

Attitudes and behaviour of junior hospital doctors in initiating behavioural change amongst hospitalized patients. Radford AJ, et al. **Community Health Stud** 1985;9(1):19-26

Profit in medicine: the impact on hospital staffing patterns and physician practice behavior. AMA Center for Health Policy Research. **Conn Med** 1984 Oct;48(10):681-2

Medical staffing in the National Health Service in Scotland. Howitt LF. **Health Bull (Edinb)** 1985 Jul;43(4):187-98

The expanding medical staff: nonphysician practitioners. Morrisey MA, et al. **Hospitals** 1985 Aug 1;59(15):58-9

Precautions against transmittable disease. Kawala KS. **IMJ** 1984 Dec;166(6):387

Should routine throat cultures be done in hospital personnel complaining of a sore throat? Watanakunakorn C. **Infect Control** 1985 May;6(5):183-5

Moonlighting. Franaszek JB. **J Emerg Med** 1983;1(2):161-3

Full clinical departments of family practice: their relationship to hospital privileges in university hospitals. Weiss BD. **J Fam Pract** 1985 Apr;20(4):389-92

The influence of the attending physician on indirect graduate medical education costs. Jones KR. **J Med Educ** 1984 Oct;59(10):789-98

Referral to consultants--the National Health Service versus private practice. Gillam DM. **J R Coll Gen Pract** 1985 Jan;35(270):15-8

Family practice in hospitals. Weiss BD. **JAMA** 1985 Jan 25;253(4):549-50

Physician involvement in quality assurance. Sommers LS, et al. **Med Care** 1984 Dec;22(12):1115-38

Doctors' knowledge of the costs of medical care. Fowkes FG. **Med Educ** 1985 Mar;19(2):113-7

Improved communication the goal of MSMS Hospital Medical Staff Section. Marr J. **Mich Med** 1985 Jun;84(6):322-4

One MD's unique insight into hospital/physician relationships: [interview] Ryan J. **Mich Med** 1985 Jun;84(6):326-7

Experience with full-dose hepatitis B vaccine in Wellington Hospital staff. Humble MW, et al. **NZ Med J** 1985 Jun 26;98(781):479-81

Patient education in a women's hospital: attitudes of the medical and nursing staffs. Olive DL, et al. **Obstet Gynecol** 1985 May;65(5):686-90

American Academy of Pediatrics Committee on Hospital Care: Relationship between hospital-based and private practice physicians. Bergeson PS, et al. **Pediatrics** 1985 Feb;75(2):365-7

Measuring locus of control in a hospital setting. Tadmor CS, et al. **Psychol Rep** 1985 Apr;56(2):525-6

Physicians must maintain involvement in utilization review [letter] Jacoby JE. **QRB** 1985 Apr;11(4):106-7

Privileging nurses in a psychiatric hospital. Smith LV, et al. **QRB** 1985 May;11(5):154-9

Infectiousness with respect to HBV of medical staff and patients in the General Hospital, Kuala Lumpur. Ton SH, et al. **Singapore Med J** 1984 Aug;25(4):244-6

[Hospital practice of a general practitioner at the Laval City of Health] Jacques A. **Union Med Can** 1984 Sep;113(9):734-8 (Eng. Abstr.) **(Fre)**

[Differences in absenteeism due to illness among women physicians and nurses in outpatient clinics and hospitals] Kabat Z, et al. **Pol Tyg Lek** 1984 Oct 15;39(42):1391-4 (Eng. Abstr.) **(Pol)**

[Various clinical and organizational aspects of the work of a therapeutist] Leshchinskiĭ LA, et al. **Klin Med (Mosk)** 1984 Jul;62(7):138-43 (Eng. Abstr.) **(Rus)**

ECONOMICS

The MD and the DRG. Morreim EH. **Hastings Cent Rep** 1985 Jun;15(3):30-8

Restraint of trade through hospital exclusive contracts: an economic appraisal of the legal theory. Lynk WJ. **J Health Polit Policy Law** 1984 Summer;9(2):269-79

[Demography, activity and remuneration of physicians in public hospitals in France] Bientz M, et al. **Cah Sociol Demogr Med** 1984 Jul-Sep;24(3):209-29 **(Fre)**

EDUCATION

Morning report. A successful format. Pupa LE Jr, et al. **Arch Intern Med** 1985 May;145(5):897-9

An in-hospital training program in gynecologic laser therapy. Glowacki GA. **J Reprod Med** 1985 Feb;30(2):93-6

[Current problems of training and specialization of physicians of military sanatoria] Ibadulin RR, et al. **Voen Med Zh** 1984 Aug;(8):19-22 **(Rus)**

LEGISLATION & JURISPRUDENCE

Reallocating liability to medical staff review committee members: a response to the hospital corporate liability doctrine. Peters GG. **Am J Law Med** 1984 Spring;10(1):115-38 (122 ref.)

Australian Medical Association. Statement to the committee of inquiry into rights of private practice in public hospitals public hearing, Melbourne May 15, 1984. Best JB. **Aust Clin Rev** 1984 Jun;(13):37-9

Australia: NSW doctors reach a settlement. Lord R. **Can Med Assoc J** 1984 Sep 15;131(6):622-3

The legal status of the medical staff. Horty J. **Conn Med** 1984 Nov;48(11):727-31

The legal status of the medical staff. Willett DE. **Conn Med** 1984 Nov;48(11):733-40

Medical staff hearings: required procedures. Bernstein AH. **Hospitals** 1985 Jan 1;59(1):83

Confidentiality of peer review records. **IMJ** 1984 Dec;166(6):409

Hospital staff privileges. Plumeri PA. **J Clin Gastroenterol** 1984 Aug;6(4):373-7

'State action' doctrine as a defense in antitrust challenges. Berg RN. **J Med Assoc Ga** 1985 Feb;74(2):93-5

Closed medical staff: legal challenges. George JE. **J Med Soc NJ** 1985 Apr;82(4):290-1

Malpractice rates and awards. George JE, et al. **J Med Soc NJ** 1984 Dec;81(12):1037-8

Personality and staff privileges. George JE. **J Med Soc NJ** 1985 Feb;82(2):113-4

A crisis in Australian medicine. Doctors' response to the introduction of government-sponsored universal health care. Green D, et al. **N Engl J Med** 1985 Jan 3;312(1):62-3

Antitrust aspects of exclusive contracts in medical imaging. James AE Jr, et al. **Radiology** 1985 Jul;156(1):237-41

Immunity under the Texas Tort Claims Act. Young MG. **Tex Med** 1984 Dec;80(12):61-4

ORGANIZATION & ADMINISTRATION

Part time work: one year's job share in Bristol. Montgomery S, et al. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1240-1

Physicians' financial arrangement with hospitals. AMA Center for Health Policy Research. **Conn Med** 1985 Feb;49(2):123-4

JCAH Board of Commissioners approves changes regarding medical staff bylaws. Affeldt JE. **Hospitals** 1985 May 16;59(10):124

Hospital-physician joint ventures: who's doing what. Morrisey MA, et al. **Hospitals** 1985 May 1;59(9):74, 76, 78

The myth of the closed medical staff. Morrisey MA, et al. **Hospitals** 1985 Jul 1;59(13):75-7

NJ hospital profits from better relations with medical staff. Mott BJ, et al. **Hospitals** 1984 Dec 1;58(23):76-80

How do joint ventures affect relations with physicians? Richards G. **Hospitals** 1984 Dec 1;58(23):68-74

Changing trends for hospitals, physicians, and medical staffs. Corlin RF. **J Tenn Med Assoc** 1984 Sep;77(9):516-21

On-site physician staffing in a community hospital intensive care unit. Impact on test and procedure use and on patient outcome. Li TC, et al. **JAMA** 1984 Oct 19;252(15):2023-7

Medical staff relations and physician practice in the DRG environment. McElwee JW. **Top Health Care Financ** 1985 Spring;11(3):22-7

[Evaluation of work schedules of physicians in infectious disease departments] Goliusova EV, et al. **Vrach Delo** 1985 Jan;(1):116-8 **(Rus)**

[Organization of the activities of district and city gastroenterologists] Vakulenko EF. **Vrach Delo** 1985 Jan;(1):118-9 **(Rus)**

PSYCHOLOGY

Modifying test-ordering behavior in the outpatient medical clinic. A controlled trial of two educational interventions. Marton KI, et al. **Arch Intern Med** 1985 May;145(5):816-21

Conflicts and collaboration: nurse-physician issues in the hospital. Reichman S. **Bull NY Acad Med** 1984 Oct;60(8):819-24

Relationships with the medical staff and aspects of satisfaction with care expressed by parents of children with cancer. Barbarin OA, et al. **J Community Health** 1984 Summer;9(4):302-13

Beyond peer review: the medical staff role in the price-competitive hospital. Fifer WR. **QRB** 1984 Sep;10(9):262-8

Practice traits of physicians: a neglected quality assurance issue. Skillicorn SA. **QRB** 1985 Apr;11(4):108-10

Education for roles and responsibilities in quality assurance: physician leadership. Warner AM. **QRB** 1985 Apr;11(4):111-4

Sources of strain between physicians and social workers: implications for social workers in health care settings. Mizrahi T, et al. **Soc Work Health Care** 1985 Spring;10(3):33-51

The internship year: a study of sleep, mood states, and psychophysiologic parameters. Ford CV, et al. **South Med J** 1984 Nov;77(11):1435-42

Problems experienced by residents in internal medicine training. Wolfe ES, et al. **West J Med** 1985 Apr;142(4):570-2

[Hygienic aspects of professional activities of personnel of resuscitation and intensive care units] Kaptsov VA, et al. **Gig Sanit** 1984 Dec;(12):21-4 **(Rus)**

STANDARDS

Credentialing: say good-bye to the 'rubber stamp'. Brooks DC, et al. **Hospitals** 1985 Jun 1;59(11):50-2

The expanding medical staff: nonphysician practitioners. Morrisey MA, et al. **Hospitals** 1985 Aug 1;59(15):58-9

Assessment of cognitive deficit in geriatric patients. A study of physician behavior. McCartney JR, et al. **J Am Geriatr Soc** 1985 Jul;33(7):467-71

Standards for attending staff in an emergency medicine residency program. Pointer JE, et al. **J Emerg Med** 1984;1(3):271-4

Cardiopulmonary resuscitation: a survey of standards among junior hospital doctors. Casey WF. **J R Soc Med** 1984 Nov;77(11):921-4

Measuring clinical performance of individual internists in office and hospital practice. Sanazaro PJ, et al. **Med Care** 1985 Sep;23(9):1097-114

Eligibility for clinical privileges and staff membership in Pennsylvania hospitals. Metz EB. **Pa Med** 1985 May;88(5):56

Hospital, heal thyself: coping with impaired providers and other hospital employees. Curran RF. **QRB** 1984 Nov;10(11):335-9

Financial criteria, medical care, and your patient--the role of hospital medical staffs. Wilcox DP. **Tex Med** 1985 Jan;81(1):49-51

SUPPLY & DISTRIBUTION

The provision of junior anaesthetic staff for the intensive care unit of a district general hospital: a workable solution? Millar JM. **Ann R Coll Surg Engl** 1984 Nov;66(6):438-40

Cardiology at the crossroads [editorial] Goodwin JF. **Br Heart J** 1984 Nov;52(5):481-3

Cycle of gloom over manpower. Johnson JN. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):361-2

TRENDS

Change in hospital access for GPs prompts a research project. Dickinson JA. **Aust Fam Physician** 1985 Feb;14(2):149

Medical staff changes 'largest in 20 years'. Keenan C. **Hospitals** 1984 Dec 16;58(24):44

Physician influence in hospitals: an update. Morrisey MA, et al. **Hospitals** 1985 Sep 1;59(17):86-7, 89

Nonphysician practitioners make slow headway on staff privileges. Richards G. **Hospitals** 1984 Dec 16;58(24):82-6

Delineation of clinical privileges. Andrew RR. **Med J Aust** 1984 Sep 15;141(6):359-61

Future-shock and the medical staff. Jahnke MD. **Mich Med** 1985 Jun;84(6):328-9

Eligibility for clinical privileges and staff membership in Pennsylvania hospitals. Metz EB. **Pa Med** 1985 May;88(5):56

[Reassessment of the 'full-time' physician for better health care to the citizenry (letter)] Mungo F. **Minerva Anestesiol** 1985 Jan-Feb;51(1-2):65-6 **(Ita)**

[Excessive examination of patients] Shteingardt IuN, et al. **Klin Med (Mosk)** 1985 Mar;63(3):129-32 (Eng. Abstr.) **(Rus)**

UTILIZATION

[Activities of physician-specialists in the Armed Forces--an effective form of rendering military medical service] Sinopal'nikov IV, et al. **Voen Med Zh** 1985 Apr;(4):41-7 **(Rus)**

MEDICAL STAFF PRIVILEGES see under **MEDICAL STAFF, HOSPITAL**

MEDICAL WASTE see under **WASTE PRODUCTS**

MEDICALLY UNDERSERVED AREA

see related

HEALTH SERVICES ACCESSIBILITY

The 'trickle-down' theory--is that any way to make policy? [editorial] Budetti PP. **Am J Public Health** 1984 Dec;74(12):1303-4

Social policy implications of physician shortage areas in

Missouri. Hicks LL. **Am J Public Health** 1984 Dec; 74(12):1316–21

Inner city Britain: a challenge for the dental profession. A review of dental and related deprivation in inner city Newcastle upon Tyne. Carmichael CL. **Br Dent J** 1985 Jul 6;159(1):24–7

Exodus of physicians [letter] Loeb LJ. **Can Med Assoc J** 1985 May 1;132(9):1004–5

The Morehouse perspective on physician manpower needs in Georgia. Sullivan LW. **J Med Assoc Ga** 1984 Oct; 73(10):691–4

Allegiance to the corps. The physician's dilemma. Smith BW, et al. **JAMA** 1984 Dec 21;252(23):3280–2

An evaluation of the index of medical underservice. Results from a rural consumer survey. Kviz FJ, et al. **Med Care** 1984 Oct;22(10):877–89

Representative Hertel hopes to fill medical care gaps in underserved rural Michigan. Eberly C. **Mich Med** 1985 May;84(5):288–9

Practice patterns of graduates of a North Carolina community hospital internal medicine training program. Ungaro PC, et al. **NC Med J** 1984 Oct;45(10):657–9

Thirty-seven miles up highway 70. Cohen LJ, et al. **West J Med** 1985 May;142(5):710–1

Private sector financing for medical education [letter] Griggs RC. **West J Med** 1984 Nov;141(5):687–8

MEDICARE see HEALTH INSURANCE FOR AGED AND DISABLED, TITLE 18

MEDICATION ERRORS

Massive dobutamine overdose in a cardiovascular compromised patient. Goethals M, et al. **Acta Cardiol (Brux)** 1984;39(5):373–8

An interdisciplinary method of classifying and monitoring medication errors. Betz RP, et al. **Am J Hosp Pharm** 1985 Aug;42(8):1724–32

More on epidural thiopentone [letter] Brownridge P. **Anaesth Intensive Care** 1984 Aug;12(3):270–1

The wrong syringe [letter] Grant G. **Anaesth Intensive Care** 1984 Aug;12(3):271

An apparent seizure following inadvertent intrathecal morphine [letter] Landow L. **Anesthesiology** 1985 Apr; 62(4):545–6

Accidental epidural overdose of hydromorphone [letter] Moon RE, et al. **Anesthesiology** 1985 Aug;63(2):238–9

Massive lignocaine overdose during cardiopulmonary bypass. Successful treatment with cardiac pacing. Noble J, et al. **Br J Anaesth** 1984 Dec;56(12):1439–41

Blood sampling errors: a problem and challenge for therapeutic drug monitoring services. Slaughter RL. **Drug Intell Clin Pharm** 1985 May;19(5):368–9

Paracetamol overdosage in Jerusalem. Levy M, et al. **Isr J Med Sci** 1985 Jan;21(1):36–9

Loperamide versus copamide [letter] Singh DS, et al. **J Assoc Physicians India** 1984 May;32(5):460

Tissue distribution of lidocaine after fatal accidental injection. Poklis A, et al. **J Forensic Sci** 1984 Oct;29(4):1229–36

Medication similarities [letter] Goodman RP. **JAMA** 1985 Feb 1;253(5):632–3

Inadvertent intravenous administration of racemic epinephrine. Kurachek SC, et al. **JAMA** 1985 Mar 8; 253(10):1441–2

Dosage errors involving opium [letter] Souney PF, et al. **JAMA** 1984 Dec 21;252(23):3251–2

Hazard of potassium chloride solution [letter] Hawkins C. **Lancet** 1985 Sep 7;2(8454):552

Hazards of potassium chloride solution [letter] Lakhani M, et al. **Lancet** 1985 Aug 24;2(8452):453

Nosocomial hypernatremia [letter] Cassorla FG, et al. **N Engl J Med** 1985 Aug 1;313(5):329

Diabinese-Dialume: a potential catastrophe. Whelan TV, et al. **Uremia Invest** 1984–85;8(2):135–8

[Caffeine poisoning in infants resulting from confusion between dosage forms. Apropos of 5 cases] Dubray C, et al. **Therapie** 1984 Sep-Oct;39(5):601–4 (Eng. Abstr.) **(Fre)**

[Divisible tablets--source of error in therapeutic drug dosages] Stimpel M, et al. **Schweiz Rundsch Med Prax** 1985 Jan 29;74(5):84–6 (Eng. Abstr.) **(Ger)**

[Erroneous prescription of rumalon to rheumatoid arthritis patients] Erov NK. **Ter Arkh** 1984;56(9):129–30 (Eng. Abstr.) **(Rus)**

MEDICATION SYSTEMS

Computer help for missing doses and refills [letter] Simonian AI, et al. **Am J Hosp Pharm** 1985 Jun;42(6):1268, 1271

STANDARDS

ASHP technical assistance bulletin on single unit and unit dose packages of drugs. **Am J Hosp Pharm** 1985 Feb; 42(2):378–9

MEDICATION SYSTEMS, HOSPITAL

see related
MEDICATION ERRORS

Documenting pharmacists' interventions. Comer JB. **Am J Hosp Pharm** 1985 Mar;42(3):625–6

Potential drug interactions in surgical patients. Durrence CW 3d, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1553–6

[The pharmacy service at the Laval City of Health: a dual vocation] Ducharme P. **Union Med Can** 1984 Sep; 113(9):772–5 (Eng. Abstr.) **(Fre)**

[Microbiological experience with the distribution of factory-packaged drugs in hospital departments] Fekete J, et al. **Orv Hetil** 1985 Apr 14;126(15):905–7 (Eng. Abstr.) **(Hun)**

[Cytotoxic drug regimen at Tynset hospital. Experiences after a change of routines at a local hospital] Toftegaard LH, et al. **Tidsskr Nor Laegeforen** 1985 Jan 10;105(1):39–40 (Eng. Abstr.) **(Nor)**

ECONOMICS

Continuing a clinical pharmacokinetic dosing service under prospective pricing [letter] Appleby DH, et al. **Am J Hosp Pharm** 1985 Aug;42(8):1708, 1710

Nitroglycerin injection manufactured by a hospital pharmacy. Clarke AJ, et al. **Am J Hosp Pharm** 1985 Jul; 42(7):1542–6

Cost analysis of an aminoglycoside pharmacokinetic dosing program. Schloemer JH, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2347–51

Stirring the pot [editorial] Talley CR. **Am J Hosp Pharm** 1984 Oct;41(10):2005

Cost containment associated with decreased parenteral antibiotic administration frequencies. Tanner DJ, et al. **Am J Med** 1984 Oct 19;77(4C):104–11

Hospital intravenous drug administration in the era of prospective payment. Rapp RP. **Drug Intell Clin Pharm** 1985 Feb;19(2):146–8

Cost containment of reconstituted parenteral antibiotics: personnel and supply costs associated with preparation, dispensing, and administration. Tanner DJ. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S924–37

ORGANIZATION & ADMINISTRATION

Using decentralized pharmacists to provide nutritional support services. Anastasio GD, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2401–2

Consultant evaluation of a hospital medication system: synthesis of a new system. Barker KN, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2016–21

Consultant evaluation of a hospital medication system: implementation and evaluation of the new system. Barker KN, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2022–9

Diffusion of innovation: computer technology in hospital pharmacy. Browning WC, et al. **Am J Hosp Pharm** 1984 Nov;41(11):2343–7

Pharmacist-oriented drug distribution systems. Freedman GI. **Am J Hosp Pharm** 1985 Feb;42(2):383–5

Applying for a certificate of need for unit dose and i.v. admixture services in a Connecticut hospital. Gousse GC, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2029–32

Computer applications in unit dose drug distribution systems. Gouveia WA. **Am J Hosp Pharm** 1984 Oct;41(10):2092–3

Apathy for the ideal in unit dose drug distribution. Summerfield MR. **Am J Hosp Pharm** 1984 Oct; 41(10):2089–90

Our drug distribution responsibilities. Vaida AJ. **Am J Hosp Pharm** 1984 Oct;41(10):2088–9

Control and accountability of controlled substance administration in the operating room. Moleski RJ, et al. **Anesth Analg** 1985 Oct;64(10):989–95

STANDARDS

Consultant evaluation of a hospital medication system: analysis of the existing system. Barker KN, et al. **Am J Hosp Pharm** 1984 Oct;41(10):2009–16

An interdisciplinary method of classifying and monitoring medication errors. Betz RP, et al. **Am J Hosp Pharm** 1985 Aug;42(8):1724–32

Unit dose drug distribution: a 20-year perspective. Black HJ. **Am J Hosp Pharm** 1984 Oct;41(10):2086–8

What we do not know about unit dose drug distribution. Conrad WF. **Am J Hosp Pharm** 1984 Oct;41(10):2091–2

Performance standards in unit dose drug distribution. Pevonka MP. **Am J Hosp Pharm** 1984 Oct;41(10):2093–5

Use of serum drug concentrations in outpatient clinics. Pitterle ME, et al. **Am J Hosp Pharm** 1985 Jul; 42(7):1547–52

MEDICINE

Medicine and health care along the Silk Road in China. Cheng TO. **Am J Med** 1985 Jan;78(1):3–8

Medicine: the death of a profession. Peikoff L. **Ariz Med** 1985 Jul;42(7):420–8

'Trade unionism for doctors: an idea whose time has come' by Sanford A. Marcus. ASDC forum. **ASDC J Dent Child** 1985 Mar-Apr;52(2):97–102, 148–53

Some thoughts on trade unionism in medicine. Album MJ. **ASDC J Dent Child** 1985 Mar-Apr;52(2):150–1

Medical research and medical practice: new perspectives on the 'town' versus 'gown' dilemma. The 1984 George Adlington Syme Oration of the Royal Australasian College of Surgeons, 13 May 1984. Nossal GJ. **Aust NZ J Surg** 1984 Dec;54(6):505–8

Worldwide data base: a practitioner's dream. Winikoff K. **Bol Asoc Med PR** 1984 Oct;76(10):450–1

A doctor's lot. Richards T. **Br Med J [Clin Res]** 1985 Apr 27;290(6477):1276–9

Future American medical practice: less respect, less freedom? Korcok M. **Can Med Assoc J** 1984 Oct 15;131(8):926–31

Chinese medicine. Frelick RW. **Del Med J** 1985 Jan; 57(1):11–5

Population, environment, medicine and global sustainability. Loraine JA. **Ecol Dis** 1982;1(2–3):167–75 (71 ref.)

Medicine in China. Validating the venerable and investigating the new. Bendiner E. **Hosp Pract [Off]** 1985 Jun 15; 20(6):37–8, 42, 44 passim

Medicine era 1985 [editorial] Kahn A Jr. **J Arkansas Med Soc** 1985 Mar;81(10):514–6

Medicine and nuclear war: a challenge of unprecedented proportions. Alton DJ. **J Can Assoc Radiol** 1984 Sep; 35(3):236–7

Humanism and the profession(al). Engelhardt HT Jr. **J Dent Educ** 1985 Apr;49(4):202–6

The future of medicine. Duhon D. **J La State Med Soc** 1984 Nov;136(11):21

Medicine in Japan 1981–1983. Weiss GN, et al. **J La State Med Soc** 1985 Feb;137(2):49–52

A sense of the future [editorial] Underwood CR. **J Med Assoc Ga** 1985 Jul;74(7):514–6

Laughter and medicine [editorial] Elliott-Binns CP. **J R Coll Gen Pract** 1985 Aug;35(277):364–5

Contempo '84. **JAMA** 1984 Oct 26;252(16):2163–300

The breaking of a profession. Dimond EG. **JAMA** 1984 Dec 14;252(22):3160–4

Medicine--trade or profession? [editorial] King LS. **JAMA** 1985 May 10;253(18):2709–10

Consensus or coercion [editorial] May WE. **JAMA** 1985 Aug 23–30;254(8):1077

On the universality of medicine. Asper SP. **Kans Med** 1985 Feb;86(2):55–7, 64

New trend in medicine in the developed countries. Yabrov A. **Med Hypotheses** 1985 May;17(1):67–8

Alternative medicine [letter] Wahlqvist ML, et al. **Med J Aust** 1985 Aug 19;143(4):152

Alternative vs orthodox medicine [letter] Wiesner D. **Med J Aust** 1985 Aug 19;143(4):172–3

Public perceptions of medicine [letter] Arthur RJ. **N Engl J Med** 1985 Apr 25;312(17):1130–1

Physicians and high school career days--a preppie's guide to growing up to be a doctor. Hoesing JJ. **Nebr Med J** 1984 Dec;69(12):409–12

Nurses and doctors as healers. Masson V. **Nurs Outlook** 1985 Mar-Apr;33(2):70–3

Poetry and medicine. Brueggemann JG. **Perspect Biol Med** 1985 Spring;28(3):370–3

Medicine in the movies. Girone JA. **Postgrad Med** 1985 Jun; 77(8):205, 208–9, 211

Productivity in medicine. The Japanese connection. Wassersug JD. **Postgrad Med** 1985 Jul;78(1):96–8, 102

The frontier of modern Western medicine in Nepal. Streefland P. **Soc Sci Med** 1985;20(11):1151–9

Development of ultrasonic investigations in medicine and biology in the U.S.S.R. Mayev RG. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):1–11 (60 ref.)

Some facets of alternative medicine--today and yesterday. Livingston MC. **West J Med** 1985 Aug;143(2):269–70

[Medical progress in China and overseas] Huang JS. **Chung Hua I Hsueh Tsa Chih** 1984 May;64(5):319–23 **(Chi)**

[Formal approach to the clinical decision] Lacronique JF. **Cah Sociol Demogr Med** 1985 Apr-Jun;25(2):143–55 **(Fre)**

[14th Maghreb Medical Congress. School of Pharmacy. Monastir 6–8 May 1985. Abstracts] **Tunis Med** 1985 May; 63(5):480 abstracts **(Fre)**

[Nature, chemistry and modern medicine (editorial)] Meyer UA. **Schweiz Med Wochenschr** 1985 Jun 1;115(22):750–1 **(Ger)**

[Anglicisms in the German medical vocabulary] Schleyer F. **Tierarztl Prax** 1985;13(2):267–70 (Eng. Abstr.) **(Ger)**

[On the subject of medical philosophy: what is medicine today?] Tatoń J. **Pol Tyg Lek** 1985 May 20;40(20):589–90 **(Pol)**

[Elements in the construction of a universal theory of medicine] Lisitsyn IuP. **Vestn Akad Med Nauk SSSR** 1985; (5):14–28 **(Rus)**

STANDARDS

[Legal basis for medical standards] Schreiber HL. **Dtsch Med Wochenschr** 1984 Sep 21;109(38):1458–60 **(Ger)**

TRENDS

Those were not the 'good old days'. Glueck HI. **J Am Med Wom Assoc** 1984 Nov-Dec;39(6):203–4

Report of the Committee to Investigate Changing Trends in Medicine. Smith CC Jr. **J Ky Med Assoc** 1984 Nov; 82(11):595–603

Our future in medicine. Cossler NJ. **Ohio State Med J** 1984 Sep;80(9):679–80

Medicine and society in 1984. Lister J. **Perspect Biol Med** 1985 Spring;28(3):440–51

Science, humanism, and the nature of medical practice: a phenomenological view. Schwartz MA, et al. **Perspect Biol Med** 1985 Spring;28(3):331–66

Medicine in the future: will it be a worthwhile career? [letter] Goldwyn RM. **Plast Reconstr Surg** 1985 Jun;75(6):872–3

Medicine in China today. Wassersug JD. **Postgrad Med** 1985 Apr;77(5):73-6

[Medicine in China: a biopsy] Van Regemorter G. **Rev Med Brux** 1984 Jun;5(6):417-23 (Eng. Abstr.) **(Fre)**

MEDICINE, ARABIC

Arabian contributors to dermatology. Marquis L. **Int J Dermatol** 1985 Jan-Feb;24(1):60-4

Muslim contribution to surgery. Beg MH. **JPMA** 1984 Jul; 34(7):218-21

The contributions of Arabs to medicine. Baraka A. **Middle East J Anaesthesiol** 1984 Jun;7(5):297-303

[Significance of the creativity of Abu Ali Ibn Sina for modern dermatology] Belova LV. **Klin Med (Mosk)** 1985 Apr; 63(4):140-3 (Eng. Abstr.) **(Rus)**

[Contribution of Avicenna to cosmetology] Belova LV. **Sov Zdravookhr** 1984;(9):53-6 **(Rus)**

HISTORY

[Ethics and medical thinking in the Arabic Middle Ages] Lauer HH. **Sudhoffs Arch Beih** 1984;(24):72-86 **(Ger)**

MEDICINE, AYURVEDIC

Indian and Chinese cosmologies reconsidered. Mahdihassan S. **Am J Chin Med** 1985;13(1-4):5-12

Cinnabar-gold as the best alchemical drug of longevity, called Makaradhwaja in India. Mahdihassan S. **Am J Chin Med** 1985;13(1-4):93-108

Factors that influence patients in Sri Lanka in their choice between Ayurvedic and Western medicine. Glynn JR, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):470-2

Effects of certain ayurvedic preparations on the multiplication of M. leprae in mouse foot-pads. Bhatia VN, et al. **Ind J Lepr** 1984 Oct-Dec;56(4):970-1

Arrow poisons in south Asia. Part 1. Arrow poisons in ancient India. Bisset NG, et al. **J Ethnopharmacol** 1984 Oct; 12(1):1-24

Multiple therapeutic use in urban Nepal. Durkin-Longley M. **Soc Sci Med** 1984;19(8):867-72

Curcuma longa (Linn) drops in corneal wound healing. Mehra KS, et al. **Tokai J Exp Clin Med** 1984 Mar; 9(1):27-31

[Ayurveda--the traditional Indian medical system] Singhvi A. **Cas Lek Cesk** 1985 Jul 12;124(28):888-9 **(Cze)**

MEDICINE, CHINESE TRADITIONAL see under **MEDICINE, ORIENTAL TRADITIONAL**

MEDICINE, FOLK see **MEDICINE, TRADITIONAL**

MEDICINE, HERBAL

Hong Kong: highrise hospitals and powdered rhino horn. Gray C. **Can Med Assoc J** 1985 Apr 1;132(7):834-6, 838-9

Herbal tea induced hepatic veno-occlusive disease: quantification of toxic alkaloid exposure in adults. Kumana CR, et al. **Gut** 1985 Jan;26(1):101-4

Pharmacopoeia of traditional medicine in Venda. Arnold HJ, et al. **J Ethnopharmacol** 1984 Oct;12(1):35-74

Phytochemical screening of Tanzanian medicinal plants. I. Chhabra SC, et al. **J Ethnopharmacol** 1984 Jul;11(2):157-79

Folk medicine in Tonga. A study of the use of herbal medicines for obstetric and gynaecological conditions and disorders. Singh YN, et al. **J Ethnopharmacol** 1984 Dec; 12(3):305-29

The Lenape contribution to New Jersey medicine. Fitzpatrick TP. **J Med Soc NJ** 1984 Sep;81(9):701-6

Toxic metal contamination of folk remedy [letter] D'Alauro F, et al. **JAMA** 1984 Dec 14;252(22):3127

Sources of lead poisoning [letter] Levitt C, et al. **JAMA** 1984 Dec 14;252(22):3127-8

Pharmacological significance of plants and herbs used in Islamic medicine. Akhtar MS. **JPMA** 1985 Jan;35(1):28-34

The vicissitudes of herbalism in late nineteenth- and early twentieth-century Britain. Brown PS. **Med Hist** 1985 Jan; 29(1):71-92

Superficial views on treatment for cancer. Ying MQ. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):832-8

The use of Chinese herbs in abdominal surgery in obstetrics and gynaecology. Gao XQ, et al. **Ulster Med J** 1984; 53(2):125-7

Herbal medicine. Mitchell RE Jr. **Va Med** 1984 Dec; 111(12):753-6

[Application of Chinese herbal drugs in renal xenogenous transplantation of the homologue] Su XF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):342-4 (Eng. Abstr.) **(Chi)**

[On the quality control of Chinese herbal drugs with 'heat clearing and detoxicating' properties--selection of bioassay parameters according to the therapeutic principle of traditional Chinese medicine] Chen XS. **Chung Yao Tung Pao** 1984 May;9(3):98-102 **(Chi)**

[A course in English on Chinese materia medica. (15)Li Shi-Zhen--a great physician and herbalist] Liu ZZ. **Chung Yao Tung Pao** 1984 Jul;9(4):187-90 (Eng. Abstr.) **(Chi)**

[Herbal medicine versus placebo in the adjuvant treatment of patients with a radical operation for squamous cell carcinoma of the lung] Osterlind K, et al. **Nord Med** 1985; 100(4):116-9 (Eng. Abstr.) **(Dan)**

[Effect of Saiboku-to, a blended Chinese traditional medicine, on Type I hypersensitivity reactions, particularly on experimentally-caused asthma] Nishiyori T, et al. **Nippon Yakurigaku Zasshi** 1985 Jan;85(1):7-16 (Eng. Abstr.) **(Jpn)**

[Withering and digitalis] Vasilenko VKh. **Klin Med (Mosk)** 1985 Jun;63(6):12-9 **(Rus)**

MEDICINE, HINDU see **MEDICINE, AYURVEDIC**

MEDICINE IN ART

Acupuncture points & use of moxibustion, found in the popular literature & paintings of 17th century Japan. Omura Y. **Acupunct Electrother Res** 1984;9(4):187-93

The snake of apocopation. **Am J Dermatopathol** 1984 Summer;6 Suppl:141-2

A painting of lepers by Hans Holbein the Elder. Virchow R. **Am J Dermatopathol** 1984 Aug;6(4):377-8

Botticelli and arthritis [letter] Alarcón-Segovia D. **Arthritis Rheum** 1985 May;28(5):600

Arthritis in the paintings of Sandro Botticelli [letter] Dequeker J. **Arthritis Rheum** 1984 Oct;27(10):1196-7

Doubts about Sandro Botticelli's depiction of juvenile rheumatoid arthritis [letter] Leden I. **Arthritis Rheum** 1984 Oct;27(10):1197-8

The hand in art. Rubinstein HM, et al. **J Hand Surg [Am]** 1985 Jul;10(4):589

Neurological disorders of Dr Samuel Johnson. McHenry LC Jr. **J R Soc Med** 1985 Jun;78(6):485-91

Imperfect harmony--the medical illustrations of ancient Egypt. Reeves C. **J Trop Pediatr** 1984 Dec;30(6):312-7

Nursing diagnosis at the art museum. Hoshiko BR. **Nurs Outlook** 1985 Jan-Feb;33(1):32-6

Presidential address. The medicine of art. Rose FC. **Trans Med Soc Lond** 1982-84;99-100:53-9

R. Tait McKenzie--athlete--physical educator--artist. Cooper DY. **Trans Stud Coll Physicians Phila** 1985 Jun; 7(2):131-9

Eakin's Agnew Clinic. The medical world in transition. Hall DL. **Trans Stud Coll Physicians Phila** 1985 Mar;7(1):26-32

[Probably the oldest picture of an amputation in Central Europe. The eminence of Master Frederick of Olomouc] Wondrák E. **Cas Lek Cesk** 1985 May 31;124(22):697 **(Cze)**

[Dick Ket, a painter and his illness] de Haas WH. **Ned Tijdschr Geneeskd** 1984 Dec 22;128(51):2423-5 **(Dut)**

[A cow with glasses. Satirical representation of glasses in a Viennese fresco around 1500] Grossmann T. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):552-3 (Eng. Abstr.) **(Ger)**

[The Dutch 'gapers' or: On the art of doctoring] Tugores M. **Pharm Unserer Zeit** 1985 Jul;14(4):109-11 **(Ger)**

[Our surgical heritage. Thoracoplasty--discussion of a painting] Oelschlegel F. **Zentralbl Chir** 1985;110(8):500-3 (Eng. Abstr.) **(Ger)**

[Pathology in art] Giampalmo A. **Pathologica** 1984 Nov-Dec; 76(1046):749-51 (Eng. Abstr.) **(Ita)**

[Medical themes on display at the Hermitage] Murav'eva EF. **Sov Zdravookhr** 1984;(9):62-5 **(Rus)**

[Images of physicians in literature and art] Skvortsov VIa, et al. **Sov Zdravookhr** 1984;(9):59-62 **(Rus)**

[The secret of Rembrandt's painting 'Virsavia'] Dymarskii LIu. **Vopr Onkol** 1984;30(10):90-101 **(Rus)**

MEDICINE IN LITERATURE

Acupuncture points & use of moxibustion, found in the popular literature & paintings of 17th century Japan. Omura Y. **Acupunct Electrother Res** 1984;9(4):187-93

Chinese folk medicine: a study of the Shan hai Ching, II. Schiffeler JW. **Am J Chin Med** 1984 Summer;12(1-4):2-31

Dickens, Dombey, and diagnostics [letter] Freedman AL. **Ann Intern Med** 1985 Feb;102(2):271

Sudden infant death in history and literature. Russell-Jones DL. **Arch Dis Child** 1985 Mar;60(3):278-81

Did Shakespeare know schizophrenia? The case of Poor Mad Tom in King Lear. Bark NM. **Br J Psychiatry** 1985 Apr; 146:436-8

Familial diabetes insipidus [letter] McKendry JB. **Can Med Assoc J** 1985 Mar 1;132(5):510, 512

Bromide psychosis: a literary case. Hurst DL, et al. **Clin Neuropharmacol** 1984;7(3):259-64

Physicians and healing personnel in the works of Flavius Josephus. Kottek SS. **Gesnerus** 1985;42(1-2):47-65

In defense of the Pickwickian syndrome. Markel H. **Henry Ford Hosp Med J** 1985;33(1):24-6

Syphilus. Glickman FS. **J Am Acad Dermatol** 1985 Mar; 12(3):593-6

A treasury of dentistry. What about dentistry and literature? Foley GP. **J Am Coll Dent** 1985 Summer;52(2):26-7

The sore eyes of Samuel Pepys. Groffman S. **J Am Optom Assoc** 1985 May;56(5):370-2

'Consumption, heart-disease, or whatever': chlorosis, a heroine's illness in The Wings of the Dove. Mercer CG, et al. **J Hist Med Allied Sci** 1985 Jul;40(3):259-85

Two pathographies: a study in illness and literature. Hawkins A. **J Med Philos** 1984 Aug;9(3):231-52

A commentary on 'two pathographies: a study in illness and literature'. Jones AH. **J Med Philos** 1984 Aug;9(3):257-9

The experience of illness: integrating metaphors and the transcendence of illness. Shelp EE. **J Med Philos** 1984 Aug; 9(3):253-6

M. Ageyev's Novel with Cocaine: Russian fiction or snow job? Siegel RK. **J Psychoactive Drugs** 1985 Jan-Mar; 17(1):41-4

André Malraux: a medical interpretation. Guidotti TL. **J R Soc Med** 1985 May;78(5):401-6

Lay medical knowledge in the eighteenth century: the evidence of the Gentleman's Magazine. Porter R. **Med Hist** 1985 Apr;29(2):138-68

Atropine poisoning in Hawthorne's the Scarlet Letter [letter] **N Engl J Med** 1984 Nov 29;311(22):1438-41

Hawthorne and pericardial calcinosis [letter] Spodick DH. **N Engl J Med** 1985 Feb 14;312(7):446

Madame Bovary died of arsenic poisoning [letter] Vourc'h G. **N Engl J Med** 1985 Feb 14;312(7):446

Keats, Socrates and fool's parsley--water hemlock poisoning. Mack RB. **NC Med J** 1985 Mar;46(3):163-4

Morality and medicine on the modern stage. Belli A. **Pharos** 1984 Fall;47(4):11-6

Notes of a Lewis Thomas watcher: emerging intellectual unities. Bulger RJ. **Pharos** 1984 Spring;47(2):25-6

A woman doctor in Victorian fiction. Hill J. **Pharos** 1985 Summer;48(3):8-11

The childhood suffering of Charles Dickens and his literary children. Markel H. **Pharos** 1985 Spring;48(2):5-8

Shakespeare on plastic surgery. Lutz LA. **Plast Reconstr Surg** 1984 Dec;74(6):841

Dr. Trevelyan and Mr. Treves: Sherlock Holmes and the Elephant Man. Massey JM, et al. **South Med J** 1985 Jul; 78(7):854-7

[Madness in Zola's writing. II. Interactions of insanity in La Joie de Vivre. 1. Situations and psychopathologic types] Fernandez-Zoïla A. **Ann Med Psychol (Paris)** 1985 Jan; 143(1):1-13 (Eng. Abstr.) **(Fre)**

[The Renaissance, the 'Republic of letters' and medicine] Gysel G. **Rev Belge Med Dent** 1984 Jun-Jul;39(3):99-105 **(Fre)**

[Veterinary writings of Aulus Gellius] Hausmann W. **Berl Munch Tierarztl Wochenschr** 1985 Mar 1;98(3):85-8 (Eng. Abstr.) **(Ger)**

[Postscript to the deterioration of patient J.P. Sartre. The book 'Adieu.' A Farewell to Sartre by Simone de Beauvoir seen through a physician's eyes] Halhuber MJ. **Fortschr Med** 1984 Dec 6;102(45):Suppl 64-5 **(Ger)**

[A. S. Pushkin and medicine] Katsnel'bogen AG. **Klin Med (Mosk)** 1984 Dec;62(12):117-20 **(Rus)**

[History of the popularization of medical knowledge in Russia. L.M. Chichagov and his 'Talks on Medicine'] Kvitnitskiĭ-Ryzhov IuN. **Sov Zdravookhr** 1984;(8):66-70 **(Rus)**

[Images of physicians in literature and art] Skvortsov VIa, et al. **Sov Zdravookhr** 1984;(9):59-62 **(Rus)**

[An unsuccessful obstetrical procedure in the novel 'A Farewell to Arms' by Ernest Hemingway] Milutinović M. **Srp Arh Celok Lek** 1984 Oct;112(10):1099-102 **(Scc)**

MEDICINE, INDIGENOUS see **MEDICINE, TRADITIONAL**

MEDICINE, ORIENTAL TRADITIONAL

Effect of traditional Chinese medicine 'zi yin jiang huo' and 'wen bu shen yang' on adrenocortical function in children with nephrotic syndrome receiving long-term large dosage glucocorticosteroid. Cai DP, et al. **Acta Acad Med Wuhan** 1984;4(4):231-5

Inhibitory action of the Chinese medicinal preparation--anti-inflammatory agent No. 6--on DIC resulting from endotoxin: experimental study. Lin JS, et al. **Acta Acad Med Wuhan** 1985;5(1):23-9

Acupuncture points & use of moxibustion, found in the popular literature & paintings of 17th century Japan. Omura Y. **Acupunct Electrother Res** 1984;9(4):187-93

Experimental meridian line of stomach and its low impedance nature. Xiang ZZ, et al. **Acupunct Electrother Res** 1984; 9(3):157-64

Drug plants and health care [editorial] **Am J Chin Med** 1985; 13(1-4):2-4

Psychiatric training and therapies in Ayurved. Dube KC, et al. **Am J Chin Med** 1985;13(1-4):13-22

Tibetan medicine--constitutional types. Finckh E. **Am J Chin Med** 1984 Summer;12(1-4):44-9

Indian and Chinese cosmologies reconsidered. Mahdihassan S. **Am J Chin Med** 1985;13(1-4):5-12

Tan, cinnabar, as drug of longevity prior to alchemy. Mahdihassan S. **Am J Chin Med** 1984 Summer;12(1-4):50-4

Chinese folk medicine: a study of the Shan hai Ching, II. Schiffeler JW. **Am J Chin Med** 1984 Summer;12(1-4):2-31

Determination of mercury in Chinese medicinal pills by cold vapour atomic-absorption spectrometry. Lau OW, et al. **Analyst** 1985 May;110(5):483-5

Annular skin lesions induced by chope (candle suction). A Southeast Asian folk medicine practice. Poitras JK, et al. **Arch Dermatol** 1984 Oct;120(10):1379-80

Inhibitors of angiotensin converting enzyme in crude drugs. I. Inokuchi J, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep; 32(9):3615-9

Traditional Chinese views on geriatric mental health. Cui GG, et al. **Chin Med J [Engl]** 1984 Apr;97(4):291-4

Moxibustion. Another traumatic folk remedy. Reinhart MA, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):58-9

Clinical trial of suanzaorentang in the treatment of insomnia. Chen HC, et al. **Clin Ther** 1985;7(3):334-7

Impressions of health and medicine in Tibet. Pollak OJ. **Del Med J** 1984 Nov;56(11):691-4

Alkaloids from Lindera strychnifolia. Kozuka M, et al. **J Nat Prod** 1984 Nov-Dec;47(6):1063

Treating colds and flu the Chinese way (2). Hong L. **J Okla State Med Assoc** 1984 Oct;77(10):361-5

Treating colds and flu the Chinese way (1). Liu H. **J Okla State Med Assoc** 1984 Sep;77(9):318-23

Blockade by anti-glucocorticoids, actinomycin D and cycloheximide of the anti-inflammatory action of some Kampohozai (Chinese traditional medicines) against serotonin. Amagaya S, et al. **J Pharmacobiodyn** 1984 Oct; 7(10):707-17

Combination effects of Shosaikoto (Chinese traditional medicine) and prednisolone on the anti-inflammatory action. Shimizu K, et al. **J Pharmacobiodyn** 1984 Dec; 7(12):891-9

A study of acupuncture anesthesia in surgery on the anterior cranial fossa. Chen GB, et al. **J Tradit Chin Med** 1984 Sep; 4(3):189-96

Lateral rotary manipulative maneuver in the treatment of subluxation and synovial entrapment of lumbar facet joints. Cui GF, et al. **J Tradit Chin Med** 1984 Sep;4(3):211-2

Antagonistic effect of radix Puerariae on the ototoxicity of sodium ethocrynate. An experimental study. Dong WJ, et al. **J Tradit Chin Med** 1984 Sep;4(3):229-32

A clinical study of 197 cases of fracture of carpal scaphoid bone treated by paper plates with pressure padding. Duan SR, et al. **J Tradit Chin Med** 1984 Dec;4(4):313-20

Clinical observation on acupuncture treatment of 106 cases of trunk-sciatica. Jiang YG, et al. **J Tradit Chin Med** 1984 Sep;4(3):183-5

Treatment of bile reflux gastritis with traditional Chinese medicine. An analysis of 21 cases. Jiang YQ. **J Tradit Chin Med** 1984 Sep;4(3):233-6

An introduction to the study of acupuncture and moxibustion in China. Part II. Studies on acumoxibustion therapy. Jiao GR. **J Tradit Chin Med** 1984 Sep;4(3):169-76

235 cases of frozen shoulder treated by manipulation and massage. Li ZM. **J Tradit Chin Med** 1984 Sep;4(3):213-5

Role of hypothalamus in the recovery of acute ischemic myocardial injury promoted by electroacupuncture in rabbits. II. Electric stimulation of PO-AH on the effect of electroacupuncture at Neiguan acupoint. Liu JL. **J Tradit Chin Med** 1984 Sep;4(3):197-204

Effect of '764-1' eyedrops on ultrastructure of corneal scars in rabbits. Liu JW, et al. **J Tradit Chin Med** 1985 Mar; 5(1):41-5

Clinical observation on the treatment of exfoliative cheilitis with traditional Chinese medicine. Lu YT. **J Tradit Chin Med** 1984 Dec;4(4):309-11

Clinical observation on the efficacy of 764-1 eyedrops in the treatment of corneal scars. Nie CY, et al. **J Tradit Chin Med** 1985 Mar;5(1):9-12

The relationship between 'zheng-syndromes' in traditional Chinese medicine and prostaglandins. Oshima Y, et al. **J Tradit Chin Med** 1985 Mar;5(1):31-40

Observation of effect of iontophoresis of traditional Chinese drug in female infertility. Pang BC, et al. **J Tradit Chin Med** 1984 Dec;4(4):259-60

Inhibitory effect of asarum oil on the central nervous system. Qu SY, et al. **J Tradit Chin Med** 1984 Sep;4(3):219-24

Effects of Tripterygium wilfordii on the menstruation of 50 patients suffering from rheumatoid arthritis--with a summary of its therapeutic effects in 12 cases of menorrhagia. Shu HY, et al. **J Tradit Chin Med** 1984 Sep; 4(3):237-40

Effect of Yin-nourishing and blood-activating recipes on antibody formation in animals. Su XF, et al. **J Tradit Chin Med** 1984 Jun;4(2):157-60

Effects of radix Angelicae sinensis on hemorrheology in patients with acute ischemic stroke. Tu JJ. **J Tradit Chin Med** 1984 Sep;4(3):225-8

Salvaging rats with decompression sickness by injection of ginseng and Ligustrazini co. without recompression. Wang CZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):65-6

Study of the action of Ganoderma lucidum on scavenging hydroxyl radicals from plasma. Wang JF, et al. **J Tradit Chin Med** 1985 Mar;5(1):55-60

Changes of serum tyrosine in Yin-deficient patients with coronary heart disease. Wu RR, et al. **J Tradit Chin Med** 1984 Jun;4(2):141-4

Preliminary study of the effect of '764-1' eyedrops on the biochemical constituents of corneal scar in rabbits. Yang CZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):47-50

The immunopotentiating effect of epemedii flavone on T-cell function in yang-deficient animal model and its relationship with cyclic nucleotides. Yang GZ, et al. **J Tradit Chin Med** 1985 Mar;5(1):51-4

Effects of Yang-promoting drugs on immunological functions of Yang-deficient animal model induced by prednisolone. Yang GZ, et al. **J Tradit Chin Med** 1984 Jun;4(2):153-6

Casual remarks on the five shu points. Yin KJ. **J Tradit Chin Med** 1984 Sep;4(3):241-6

Study on cervical visual disturbance and its manipulative treatment. Zhang CJ, et al. **J Tradit Chin Med** 1984 Sep; 4(3):205-10

Ejaculatio deficiens treated with acupuncture. Report of 110 cases. Zhang Q, et al. **J Tradit Chin Med** 1984 Sep; 4(3):181-2

Paralytic squint treated with acupuncture. Zheng JZ, et al. **J Tradit Chin Med** 1984 Sep;4(3):177-80

Traditional Chinese concepts of mental health. Li ZZ. **JAMA** 1984 Dec 14;252(22):3169

The evolution of health care in China: a backward look to the future. New PK, et al. **Med Anthropol** 1984 Summer; 8(3):169-79

Balloons and acupuncture. Dimond EG. **Mo Med** 1984 Nov; 81(11):712-4

Superficial views on treatment for cancer. Ying MQ. **Nippon Gan Chiryo Gakkai Shi** 1984 May 20;19(4):832-8

Effect of Chinese herbal medicine 'saiko-keishi-to' on intracellular calcium and protein behavior during pentylenetetrazole-induced bursting activity in snail neurons. Sugaya A, et al. **Planta Med** 1985 Feb;(1):2-6

Effect of Chinese herbal medicine 'saiko-keishi-to' on transmembrane ionic current of snail neurons. Sugaya A, et al. **Planta Med** 1985 Feb;(1):60-1

Studies on the suanzaorentang in the treatment of anxiety. Chen HC, et al. **Psychopharmacology (Berlin)** 1985; 85(4):486-7

Missionary doctors vs Chinese patients: credibility of missionary health care in early twentieth century China. Cheung YW, et al. **Soc Sci Med** 1985;21(3):309-17

Dietary beliefs in health and illness among a Hong Kong community. Ho SS. **Soc Sci Med** 1985;20(3):223-30

The use of Chinese herbs in abdominal surgery in obstetrics and gynaecology. Gao XQ, et al. **Ulster Med J** 1984; 53(2):125-7

[Clinical study of huang wu san on the treatment of cervical erosion] **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr; 5(4):208-10, 194 (Eng. Abstr.) **(Chi)**

['Zhi chou san' (an anticonvulsant powder) in the treatment of preeclampsia--report of 100 cases] **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):472-5 (Eng. Abstr.) **(Chi)**

[Clinical experience in the treatment of bronchial asthma] Bei RP. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep; 4(9):566-7 **(Chi)**

[Treatment of chronic osteomyelitis with combined traditional Chinese medicine and western medicine--analysis of 104 cases] Cao YK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):682-5 **(Chi)**

[The effect of natural Cordyceps sinensis and its cultured mycelia on murine immuno-organs and function of the mononuclear macrophage system] Chen DM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):42-4, 5 (Eng. Abstr.) **(Chi)**

[Hyperviscosity in cancer patients and huo xue hua yu therapy] Chen JM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):89-91, 67 (Eng. Abstr.) **(Chi)**

[Effect of qing court shoutao pill in slowing down aging] Chen KJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov; 4(11):658-9, 642 (Eng. Abstr.) **(Chi)**

[General status and academic developments at the Chinese Medicinal Research Center] Chen KJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):648-50 **(Chi)**

[Advances in the study of huo xue hua yu in Japan] Chen KJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):185-9, 174 (31 ref.) **(Chi)**

[Therapeutic effect of huo xue-II injections on acute obliterative cerebrovascular diseases] Chen KJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):100-1, 68 (Eng. Abstr.) **(Chi)**

[Effect of Chinese drugs or the combination of Chinese and western drugs in the treatment of thyrotoxic exophthalmos] Chen MY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun; 4(6):334-6 (Eng. Abstr.) **(Chi)**

[Effect of Tripterygium wilfordii on the remission of proteinuria in patients with nephrotic syndrome] Chen SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):164-6, 132 (Eng. Abstr.) **(Chi)**

[Effect of qing court shoutao powder on the production of lipid peroxides in rat liver homogenates] Chen WW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):686-8, 645 (Eng. Abstr.) **(Chi)**

[5 cases of sporadic encephalitis treated with Nantong snake-root tablets] Chen ZA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):492-3 (Eng. Abstr.) **(Chi)**

[Chronic hepatitis with positive circulating immune complexes treated by traditional Chinese medicine: analysis of 115 cases] Chen ZT. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):332-4, 323 (Eng. Abstr.) **(Chi)**

[Active principle in a capillaris compound in the treatment of experimental acute jaundice in rats] Cheng YY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):356-60, 325 (Eng. Abstr.) **(Chi)**

[106 cases of chronic gastritis treated mainly by replenishing qi (vital energy) and reducing blood stasis] Chu H. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):267-8, 258 (Eng. Abstr.) **(Chi)**

[Effect of carthamus tinctorius Co. injection on the changes in blood rheology after surgery] Cui NQ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):405-7, 410 (Eng. Abstr.) **(Chi)**

[Video-cholangiographic study of the effect of the Chinese medicinal herb prescription--Li dan pai shi decoction--on biliary dynamics] Deng XJ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):338-40, 323 (Eng. Abstr.) **(Chi)**

[Short-term effect of 23 cases of leukopenia treated with Chinese huo xue hua yu drugs] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):717-9 (Eng. Abstr.) **(Chi)**

[Effect of Chinese medicine on the morphology of megakaryocytes in patients with thrombocytopenic purpura] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):349-51 (Eng. Abstr.) **(Chi)**

[The relationship between the typology of the yin-yang deficiency of traditional Chinese medicine and left ventricular functional performance in patients with cardiac disease] Dong QM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):148-50, 130 (Eng. Abstr.) **(Chi)**

[Strategies and methodology of traditional Chinese medicine and western medicine research in dermatology] Fang DD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):182-4 **(Chi)**

[32 cases of chronic bronchitis treated with a mixture of Codonopsis pilosula and the feces of Trogopteri] Feng SL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):102-4, 68-9 (Eng. Abstr.) **(Chi)**

[Clinical observations on 30 patients with chronic ulcerative colitis treated with traditional Chinese medicine and western medicine] Fu QL. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):17-9, 2 (Eng. Abstr.) **(Chi)**

[A history of unity and cooperation between traditional Chinese medicine and western medicine in the Shaanxi-Gansu-Ningxia border region] Gao QY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):445-8 (Eng. Abstr.) **(Chi)**

[Stimulant effect of Epimedium in an injection form on the growth of the chick embryo femur in vitro] Gao ZF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):172-4, 133 (Eng. Abstr.) **(Chi)**

[157 cases of chronic colonitis treated with traditional Chinese massage in the management of a thoracic intervertebral joint disorder] Ge ML. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):289-90, 260 (Eng. Abstr.) **(Chi)**

[Labor-inducing effect of Typha angustata in injectable form and its pharmacological properties] Geng QM. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):299-300, 261 (Eng. Abstr.) **(Chi)**

[Experimental research of yin yang theory in traditional Chinese medicine (II): Effect of monkshood, bark of Chinese cassia tree and liu wei di huang fang on urinary aldosterone, etc. in renovascular hypertensive rats] Gu DG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):48-50, 5 (Eng. Abstr.) **(Chi)**

[Experimental research on the yin-yang theory in traditional Chinese medicine (III). The effect of monkshood, bark of the Chinese cassia tree and liu wei di huang fang on the enkephalin of brain tissue in renovascular hypertensive rats] Gu DG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb; 5(2):105-7, 69 (Eng. Abstr.) **(Chi)**

[Treatment of the side effects of the chemotherapy of trophoblastic tumor with traditional Chinese medicine and western medicine] Gui GF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):202-4, 194 (Eng. Abstr.) **(Chi)**

[Effect of huo zue No. 2 injections on plasma beta-thromboglobulin in aged coronary disease patients] He YS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct; 4(10):586-9, 578 (Eng. Abstr.) **(Chi)**

[A general review of traditional medicine in the treatment of trichomadesis] Hu LC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):316-7 (27 ref.) **(Chi)**

[45 cases of latent glomerulonephritis treated with traditional Chinese medicine and western medicine] Hu QY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):161-3, 132 (Eng. Abstr.) **(Chi)**

[Effect of 'si jun zi tang' and its constituents on phagocytosis of macrophages in the peritoneal cavity of mice] Hu ZG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):363-5 (Eng. Abstr.) **(Chi)**

[Treatment of threatened abortion with traditional Chinese medicine--a clinical analysis of 62 cases] Huang HY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):214-6, 195 (Eng. Abstr.) **(Chi)**

[Effect of Typha angustata on acute experimental myocardial infarction in rabbits] Huang SY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):297-8, 261 (Eng. Abstr.) **(Chi)**

[Relationship between differential diagnosis by traditional Chinese medicine and hemorheology in patients with hypertension and ischemic stroke] Huang SZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):276-9 (Eng. Abstr.) **(Chi)**

[Recent developments in pharmacological study and clinical application of Gastrodia elata in China] Huang ZL. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):251-4 (26 ref.) **(Chi)**

[Analysis of 150 cases of pulmonary tuberculosis hemoptysis treated with combined traditional Chinese and western medicine] Ji WK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):478-9 **(Chi)**

[Evaluation, prediction and assurance in the integration of traditional Chinese and western medicine research] Ji ZP. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):454–6 (Chi)

[Experimental research on the yin–yang theory of traditional Chinese medicine. I. Effect of monkshood, bark of the Chinese Cassia tree and Liu wei di huang fang on arterial pressure in the experimental hypertensive rat] Kuang AK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):742–4 (Eng. Abstr.) (Chi)

[Experimental research on the yin–yang theory in traditional Chinese medicine (IV): The effect of monkshood, bark of the Chinese cassia tree and liu wei di huang fang on the myocardium of renovascular hypertensive rats] Kuang AK, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):167–8, 132 (Eng. Abstr.) (Chi)

[Account of my research on integrated traditional Chinese and western medicine] Kuang AK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):326–30 (Chi)

[History of my research in integrated traditional Chinese and western medicine. II] Kuang AK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):439–44 (Chi)

[Trial exploration of an educational system with reference to combined traditional Chinese and western medicine] Li E. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):312–3 (Chi)

[Nail–fold and tongue–tip microcirculation in children with acute glomerulonephritis and treatment with huŏ xue hua yu] Li G. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):669–71, 643 (Eng. Abstr.) (Chi)

[Diagnosis and treatment of 4 types of acute abdominal disease with combined traditional and western medicine––clinical analysis of 1,301 cases] Li LT. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):399–401 (Eng. Abstr.) (Chi)

[Effect of 'si jun zi tang' on nucleic acid contents of the thymus gland and T lymphocytes in the peripheral circulation] Li QL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):366–7 (Eng. Abstr.) (Chi)

[Microcirculation disorder in chronic obstructive lung disease and clinical observation on the therapeutic effect of 'blood circulation activation and thrombosis removal'] Li SS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):273–5 (Chi)

[Postoperative residual stones in bile ducts treated by traditional Chinese medicine and Western medicine: analysis of 89 cases] Li SZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):341–3, 324 (Eng. Abstr.) (Chi)

[Long–term effect of non–operative therapy according to the combined traditional Chinese and western medicine in cholelithiasis] Li SZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):396–8 (Eng. Abstr.) (Chi)

[Rhubarb in the treatment of viral hepatitis and its mechanism of action] Li T. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):383–4, 382 (20 ref.) (Chi)

[Increase in complements in patients with cor pulmonale in remission treated by combined traditional Chinese and western medicine] Li TQ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):270–2 (Eng. Abstr.) (Chi)

[Aplastic anemia treated with combined traditional Chinese and western medicine––clinical analysis of 52 cases] Li Y. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):720–1 (Eng. Abstr.) (Chi)

[Present situation and outlook of traditional Chinese medicine–western medicine] Liao JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):394–5, 393 (Chi)

[Effect of an essence–restoring decoction on retarding the aging process––report of 62 cases] Lin SM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):655–7, 642 (Eng. Abstr.) (Chi)

[Effect of yang tonics on the uterine estrogen receptors in the depressed hypothalamus–pituitary–adrenal cortex axis rats] Lin YY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):175–7, 133 (Eng. Abstr.) (Chi)

[Treatment of peripheral vascular diseases with Chinese medicine] Lin ZG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):570–1 (Chi)

[Preliminary study on the effect of 'tonifying the kidney' on ovarian function––analysis of 56 cases] Liu DG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):476–7 (Eng. Abstr.) (Chi)

[Clinicopathological study of 62 elderly patients] Liu SQ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):344–6, 324 (Eng. Abstr.) (Chi)

[The role of purgation therapy in the emergency treatment of acute and severe cases of biliary tract diseases] Liu T. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):482–3 (Eng. Abstr.) (Chi)

[Clinical efficacy of huxindan in patients with sick sinus syndrome] Liu WM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):590–2, 578 (Eng. Abstr.) (Chi)

[Zinc, copper and iron contents and their clinical significance in 40 kinds of Chinese traditional menses–regulating drugs] Liu XZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):235–6, 197 (Eng. Abstr.) (Chi)

[Experimental study on the enhancement of the immunosuppressive effect of cortisone by wurenchun, an extract of Schizandra chinensis Baill] Long ZZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):361–2, 325 (Eng. Abstr.) (Chi)

[Treatment of 5 cases of severe systemic lupus erythematosus with combined traditional Chinese medicine and western medicine] Lu JJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):430–2 (Chi)

[Retinal vein occlusion treated by bian zheng bian bing] Lu MM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):601–3, 579 (Eng. Abstr.) (Chi)

[Survey of traditional Chinese geriatrics] Lu WS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):318–20 (Chi)

[Application of xuejie in oral and maxillofacial surgery] Lu XX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):626–7 (Chi)

[Differential classification of 150 cases of acute leukemia by traditional Chinese medicine and their prognosis] Ma FS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):480–1 (Chi)

[Effect of single and combined Chinese drugs on hematopoietic cells] Ma R. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):533–5, 514 (Eng. Abstr.) (Chi)

[Clinical analysis of 211 cases of acute obstructive suppurative cholangitis treated with combined traditional Chinese and western medicine] Ma RG. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):402–4 (Eng. Abstr.) (Chi)

[Study on the chemical composition and pharmacological effect of Ligusticum wallichii Franch] Ma YJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):574–6 (Chi)

[Interpreting the term 'qi' in traditional Chinese medicine and the translation of Chinese medical terms] Nie CR. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):632 (Chi)

[Protective effect of qi–xue injections on rat liver damage induced by cortisone acetate––analysis of the stereometrical quantitation of ultrastructure] Niu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):618–21, 581 (Eng. Abstr.) (Chi)

[Long–term curative effect of 150 cases of nasopharyngeal cancer treated with fu zheng sheng jin decoction and radiotherapy] Pan MJ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):83–5, 66 (Eng. Abstr.) (Chi)

[40 cases of gan xu pi yu type chronic hepatitis] Pan QM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):350–2, 324 (Eng. Abstr.) (Chi)

[A study on traditional Chinese medicine and immunology] Qi GR. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):381–4 (Chi)

[Analysis of measured results of urinary pepsin and 17–OHCS in chronic gastritis with splenic and renal insufficiency based on Chinese traditional medicine] Qi JS, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):27–9, 3 (Eng. Abstr.) (Chi)

[Effect of various herbs and acupuncture on Oddi's sphincter in the human] Qi QH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):662–5, 643 (Eng. Abstr.) (Chi)

[Determination of cyclic nucleotide and sialic acid in patients with symptoms of blood stasis and its value in assessing the therapeutic effect of drugs for activating blood circulation and removing stasis] Qin WZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):151–4, 131 (Eng. Abstr.) (Chi)

[Progress in the research of deficiency–syndrome complexes and diseases of the aged in the past two years] Shen ZY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):651–4 (Chi)

[A preliminary exploration of approaches to the study of the integration of Chinese and western drugs] Shen ZY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):377–80 (Chi)

[Advances in clinical observations and experimental research on peptic ulcer treated with traditional Chinese medicine and western medicine] Shi AS. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):59–62 (39 ref.) (Chi)

[Experimental study of the effects of gubenpian I and II in the prevention and treatment of chronic bronchitis] Shi QD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):238–40, 197 (Chi)

[A preliminary study on the correlation between types of chronic glomerulonephritis classified by traditional Chinese medicine and pathological findings of renal biopsy] Shi SZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):414–6 (Eng. Abstr.) (Chi)

[Schoenlein–Henoch nephritis in children treated with by removing heat and activating blood––report of 14 cases] Shi YM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):262–4, 258 (Eng. Abstr.) (Chi)

[The value of urine–osmotic pressure measurement in the differentiation of Yin Yang deficiency and excess syndromes––analysis of 100 cases] Song YT. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):417–9 (Eng. Abstr.) (Chi)

[Treatment of nasal sinusitis with qin jie tang and changes in IgG levels] Su CZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):730–1 (Chi)

[Treatment of lung cancer with brain metastasis using an intravenous drip of a 10% emulsion of Brucea javanica seminal oil] Su SY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):86–8, 66–7 (Eng. Abstr.) (Chi)

[Application of Chinese herbal drugs in renal xenogenous transplantation of the homologue] Su XF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):342–4 (Eng. Abstr.) (Chi)

[Biphasic regulating function of evil–dispersing drugs viewed from the effect of da cheng qi tang on vascular permeability] Sun AZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):689–91, 645 (Eng. Abstr.) (Chi)

[The immuno–modulating effect of traditional Chinese medicine in fu–zeng therapy] Sun Y. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):368–70 (Chi)

[Experimental study of the anti–inflammatory effect of matrine] Tan HR, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):108–10, 69 (Eng. Abstr.) (Chi)

[Combine traditional Chinese and western medicine in the field of otolaryngology] Tan JS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):303–5 (Chi)

[Treatment of endometriosis with traditional Chinese medicine] Tian YB. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):33–5, 4 (Eng. Abstr.) (Chi)

[Determination of serum fibrin/fibrinogen degradation products in patients with cancer and an exploration of huo xue hua yu therapy] Tie Y. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):95–6, 67 (Eng. Abstr.) (Chi)

[Endotoxemia in liver diseases and its treatment with combined traditional Chinese and Western medicine] Wang CB. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):379–82 (35 ref.) (Chi)

[Plasma thromboxane B2 changes in severe icteric hepatitis treated by traditional Chinese medicine––dispelling the pathogenic heat from blood, promoting blood circulation and administrating large doses of radix Paeoniae––a report of 6 cases] Wang CB, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):326–8, 322 (Eng. Abstr.) (Chi)

[Clinical and experimental study on the treatment of severe subacute hepatitis with traditional Chinese medicinal compounds] Wang GS. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):329–31, 322 (Eng. Abstr.) (Chi)

[Changes in the level of peripheral lymphocyte acid–naphthyl acetate esterase in patients with deficiency syndromes and its clinical significance] Wang GT. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):660–1, 642 (Eng. Abstr.) (Chi)

[Effects of qi jia dan in injectable form on improving microcirculatory disorders in rabbits irradiated with gamma–rays. Determination of blood circulation time and capillary permeability by fluorescence angiography] Wang HF, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):295–6, 261 (Eng. Abstr.) (Chi)

[Experimental observation on treating acute radiation sickness by replenishing vital energy and dispersing blood stasis] Wang HF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):359–61 (Eng. Abstr.) (Chi)

[Effect of Chinese herbal medicine, western medicine and Chinese and western medicine combined in the treatment of peptic ulcer] Wang JC. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):20–2, 2 (Eng. Abstr.) (Chi)

[34 cases of peripheral vascular disease treated with activating blood circulation and correcting stasis] Wang JY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):269–270, 259 (Eng. Abstr.) (Chi)

[The pattern effect of clinical diagnosis and treatment] Wang LX. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):433–4 (Chi)

[Hemodynamics and radial sphygmogram in hypertensive patients with different pathological conditions based on the differentiation of symptoms according to traditional Chinese medicine] Wang Q. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):610–4, 580 (Eng. Abstr.) (Chi)

[The relation between blood rheology and the differential diagnosis of chronic hepatitis and liver cirrhosis in Chinese medicine] Wang QM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):528–32 (Chi)

[Treatment of corneal opacity with traditional Chinese medicine and western medicine] Wang SX. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):63–4 (22 ref.) (Chi)

[Analysis of 38 cases of prostatic hypertrophy treated with bilateral orchiectomy and traditional Chinese medicine promoting yang for diuresis] Wang TD, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):36–8, 4 (Eng. Abstr.) (Chi)

[Present status and prospect of research in traditional Chinese medicine and western medicine in life expectancy experiments] Wang W. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):703–5 (Chi)

[42 cases of aplastic anemia treated by traditional Chinese medicine and western medicine] Wang WJ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):277–9, 259 (Eng. Abstr.) (Chi)

[On the 'independent development' of traditional Chinese medicine] Wang YC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jul;4(7):390-3 **(Chi)**

[Late effect of gossypol treatment in gynecological diseases--a clinical study of 72 cases] Wang YF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):205-7, 194 (Eng. Abstr.) **(Chi)**

[Experimental studies of the effects of huang wu san on microbial growth and viral infections] Wang YG, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):237, 197 (Eng. Abstr.) **(Chi)**

[Clinical observations on the restoration of kidney function in patients with chronic nephritis treated with 'warming kidney' therapy--an analysis of 68 cases] Wang YJ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):158-60, 131 (Eng. Abstr.) **(Chi)**

[Effect of Ligustrazini (a new calcium antagonist?) on cardiovascular tissue: pharmacodynamic and electrophysiological studies] Wang YL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):291-4, 320, 260 (Eng. Abstr.) **(Chi)**

[Effects of shen mai san on the left ventricular performance in patients with deficiency of heart-vital energy in coronary heart disease] Wang YZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):223-5, 196 (Eng. Abstr.) **(Chi)**

[Platelet research method and its application in the study of 'huo xuo hua yu'] Wang Z. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):501-4 **(Chi)**

[310 cases of articular rheumatism treated with feng shi han tong tablets] Wang ZM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):284-5, 260 (Eng. Abstr.) **(Chi)**

[Marxist philosophic theory is a powerful weapon to explore the great treasure house of traditional Chinese medicine] Wei FK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun; 4(6):331-3, 339 **(Chi)**

[Treatment of 88 cases of recurrent aphthae by nourishing yin and supplementing blood] Weng HN. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):345-6 (Eng. Abstr.) **(Chi)**

[A comparative study on the effect of 20 herbs activating blood circulation and decreasing blood stasis on the obstruction of experimental microcirculation] Weng WL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):555-7, 517 (Eng. Abstr.) **(Chi)**

[Treatment of schizophrenia with a method of activating blood circulation and relieving stasis of the blood and changes in blood rheology] Wu CY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):714-6 (Eng. Abstr.) **(Chi)**

[Preliminary experimental study of radix Notoginseng in an injectable form on its disicterogenic and cholagogue action] Wu SM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun; 5(6):364-5, 325 (Eng. Abstr.) **(Chi)**

[Treatment of chronic virus hepatitis with Chinese medicinal herbs--man gan ning] Wu WF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):347-9, 324 (Eng. Abstr.) **(Chi)**

[Treatment of ulcerative colitis with disodium cromoglycate enemas and Chinese medicine] Wu WY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):624-5 **(Chi)**

[Survey report in the direction, method and path of the integration of traditional Chinese and western medicine] Wu XZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug; 4(8):457-61, 481 **(Chi)**

[Prospects for combined traditional Chinese medicine and western medicine in the treatment of acute abdomen] Wu XZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):518-20 **(Chi)**

[Treatment of acute bacillary dysentery with traditional Chinese medicine and western medicine combined--analysis of 117 cases] Wu YC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):525-7, 514 (Eng. Abstr.) **(Chi)**

[Effects of a compound prescription of blood activator and tetramethylpyrazine on the biosynthesis of thromboxane A2] Wu YS, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):169-71, 133 (Eng. Abstr.) **(Chi)**

[Recent developments in the treatment of cysticercosis by traditional Chinese medicine and western medicine] Wu ZD. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):118-20 (24 ref.) **(Chi)**

[The changes in the cyclic AMP and cyclic GMP systems studied with four types of animal models] Xia ZQ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):543-5, 515 (Eng. Abstr.) **(Chi)**

[Psychosomatic medicine in traditional Chinese medicine] Xu JM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):510-1 **(Chi)**

[Relation among different types of rectal cancer classified by traditional Chinese medicine from the observations on immunological function] Xu JP, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):92-4, 67 (Eng. Abstr.) **(Chi)**

[The efficiency and mechanism of the huo xue hua yu method in treating retinal vein occlusion--observations on peripheral microcirculation] Xu JY, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):97-9, 111, 68 (Eng. Abstr.) **(Chi)**

[Preliminary study on the acute phase of cor pulmonale with main phlegm-resolving method with cold properties and determination of the treatment based on different symptom complexes--an analysis of 240 cases] Xu JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):226-8, 196 (Eng. Abstr.) **(Chi)**

[Changes in serum lipid levels in coronary heart disease with energy stagnancy and blood stasis] Xu QY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):265-6, 258 (Eng. Abstr.) **(Chi)**

[Problems of the co-application of Chinese drugs and western drugs] Xu YZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec; 4(12):756-7 **(Chi)**

[Relationship between asthenia-syndrome of rheumatism and levels of blood trace elements] Xu ZF. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):229-31, 196 (Eng. Abstr.) **(Chi)**

[Effects of Tripterygium wilfordii on rheumatoid arthritis--analysis of 165 cases] Yan BY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 May;5(5):280-3, 259 (Eng. Abstr.) **(Chi)**

[Copper excretion in 37 cases of Wilson's disease treated with 'anti-hepatolenticular degeneration decoction'] Yang RM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):462-4 (Eng. Abstr.) **(Chi)**

[Laparoscopy in the non-operative treatment of ectopic pregnancy with traditional Chinese medicine and western medicine] Yang SM, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):211-3, 195 (Eng. Abstr.) **(Chi)**

[Treatment of toxemia of pregnancy with combined traditional Chinese and western medicine--report of 117 cases] Yang SM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):469-71 (Eng. Abstr.) **(Chi)**

[Typing of bile duct infection based on traditional Chinese medicine and the observations on the mucous membrane of the bile duct using scanning electron microscope] Ye ZK. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jun;5(6):335-7, 323 (Eng. Abstr.) **(Chi)**

['Activating blood circulation and removing stasis' in platelet aggregation and congestive heart failure--a topic of clinical research in combined traditional Chinese-western medicine] Ye ZM. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):314-5 **(Chi)**

[Measurement of gastric mucosa and plasma cAMP and cGMP in patients with chronic gastric diseases due to splenic insufficiency and its clinical significance] Yin GY. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):30-2, 3 (Eng. Abstr.) **(Chi)**

[Research on Chinese drug compounds. I.] Yin HH, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):582-5 **(Chi)**

[Exploration of various problems concerning fu zheng therapy of cancer] Yu GQ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb;5(2):77-9 **(Chi)**

[Preliminary clinical observations on the treatment of hypertension by local negative pressure] Yu HL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):145-7, 130 (Eng. Abstr.) **(Chi)**

[Clinical and experimental study of Typha angustata on hyperlipoidemia] Zhang BZ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):141-4, 130 (Eng. Abstr.) **(Chi)**

[Progress in the experimental research on the function of huo xue hua yu of Leonurus heterophyllus Sweet] Zhang CF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):638-40 **(Chi)**

[Studies on the effect of 'yi qi huo xue' and 'hu zheng gu ben' on the immunologic functions in patients with cor pulmonale] Zhang DS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):340-1, 348 (Eng. Abstr.) **(Chi)**

[Treatment of disseminated encephalitis by combined traditional Chinese and western medicine] Zhang JW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):347-8 (Eng. Abstr.) **(Chi)**

[Development of a new phase in research of combined Chinese and western medicine on psychoses] Zhang JZ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov;4(11):692-4 **(Chi)**

[Affective disorders treated with 'jia Wei xiao yao san' and the changes in plasma cyclic AMP] Zhang LD. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):465-6 (Eng. Abstr.) **(Chi)**

[Activation of murine peritoneal macrophages by natural Cordyceps sinensis and its cultured mycelia] Zhang SL. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Jan;5(1):45-7, 5 (Eng. Abstr.) **(Chi)**

[Treatment of gram-negative bacillus septicemia with combined traditional Chinese and western medicine--analysis of 61 cases] Zhang SW. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):288-9 (Eng. Abstr.) **(Chi)**

[Electron microscopic observation on experimental myocardial atherosclerotic changes induced by shi xiao powder] Zhang XY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):552-4, 516 (Eng. Abstr.) **(Chi)**

[Treatment of pemphigus with western and traditional Chinese medicine combined--a clinical analysis of 30 cases] Zhang ZL, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Mar;5(3):155-7, 131 (Eng. Abstr.) **(Chi)**

[Long-term treatment of chronic myeloid leukemia by Chinese medicines alternating cyclically with myleran] Zhang ZN. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Feb; 5(2):80-2, 66 (Eng. Abstr.) **(Chi)**

[Long-term effect of the therapy by traditional Chinese medicine on 64 cases of acute myocardial infarction after hospital discharge] Zhao GY. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):268-9 (Eng. Abstr.) **(Chi)**

[Clinical analysis of 10 refractory cases of idiopathic nephrotic syndrome in children treated with combined traditional Chinese medicine and western medicine] Zhao Z. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):607-9, 580 (Eng. Abstr.) **(Chi)**

[Clinical analysis of 84 cases of glomerulonephritis treated with Tripterygium wilfordii] Zheng DH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):604-6, 579 (Eng. Abstr.) **(Chi)**

[Relation between symptom-sign differentiation of diabetogenous bladder dysfunction and urine dynamics] Zheng HT. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec; 4(12):732-4 (Eng. Abstr.) **(Chi)**

[Aplastic anemia treated with combined Chinese traditional medicine and western medicine--analysis of 46 cases] Zhong DJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov; 4(11):679-81, 645 (Eng. Abstr.) **(Chi)**

[Treatment of ischemic stroke with traditional Chinese medicine] Zhou SH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):508-9 **(Chi)**

[Antifungal activity of volatile oils in Litsea cubeba and its main constituent citral] Zhou Y. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):558-9 **(Chi)**

[Clinical analysis of 229 cases of nephrotic syndrome treated with combined traditional Chinese and western medicine] Zhu BJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May; 4(5):280-2 **(Chi)**

[Clinical efficacy of aconitic injection in asthenia patients suffering from sick sinus syndrome and its mechanism] Zhu BQ. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):219-22, 195 (Eng. Abstr.) **(Chi)**

[Clinical observations on 36 cases of viral myocarditis treated with Epimedium grandiflorum Moor and vitamin C] Zhu SC. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):523-4, 514 (Eng. Abstr.) **(Chi)**

[Effect of Viscum coloratum (Kom) Nakai on changes in the cyclic nucleotides in ischemic myocardium] Zhu SH. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):548-51, 516 (Eng. Abstr.) **(Chi)**

[Advances in the research on pyoderma treated by Chinese herbal drugs or combined traditional Chinese and western medicine in the last 30 years] Zhuang GK. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Oct;4(10):634-7 **(Chi)**

[111 cases of sporadic encephalitis treated with combined traditional Chinese and western medicine] Zong WJ. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Aug;4(8):467-8 (Eng. Abstr.) **(Chi)**

[Inhibitory effect of Cordyceps on carcinogenesis of the forestomach in mice] Lin PZ. **Chung Hua Chung Liu Tsa Chih** 1984 Sep;6(5):335-7 (Eng. Abstr.) **(Chi)**

[Long term results of preventive and curative treatment of cervical carcinoma with Chinese medicinal herbs--cui-tuo-ding] Liu CJ. **Chung Hua Chung Liu Tsa Chih** 1984 Nov;6(6):450-2 (Eng. Abstr.) **(Chi)**

[Conization with a Chinese traditional drug for the treatment of chronic disorders of the cervix] Li HY. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):201-2, 256 (Eng. Abstr.) **(Chi)**

[Laboratory study of traditional Chinese medicine for the prevention and treatment of hemolytic diseases of the newborn infant] Qian ML. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):207-9, 256 (Eng. Abstr.) **(Chi)**

[Polycystic ovarian syndrome treated with Chinese traditional medicine; analysis of 117 cases] Shi CX, et al. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):144-7, 189 (Eng. Abstr.) **(Chi)**

[Traditional Chinese medicine in the treatment of anovulation --analysis of 67 cases] Xu JX. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):193-6, 256 (Eng. Abstr.) **(Chi)**

[Traditional Chinese medical care of patients with chronic nephritis] Dai MJ. **Chung Hua Hu Li Tsa Chih** 1985 Jun; 20(3):140-1 **(Chi)**

[Traditional Chinese medicine in the care of patients at home] Gao SH. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):279-80 **(Chi)**

[Peculiarities of nursing in traditional Chinese medicine] Liu LZ. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):270-2 **(Chi)**

[Nursing practice in traditional Chinese medicine] Shu YL. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):273-4 **(Chi)**

[Combined traditional Chinese and western medicine in the nursing of 314 patients with tetanus] Zhang LM. **Chung Hua Hu Li Tsa Chih** 1984 Oct;19(5):275-6 **(Chi)**

[Evaluation of the treatment of oral lichen planus by activating blood circulation and eliminating stasis] Huang YJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan; 20(1):26-8, 63 (Eng. Abstr.) **(Chi)**

[Experimental inhibition of Streptococcus mutans using honeysuckle chewing gum] Peng JJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Jan;20(1):54–6 **(Chi)**

[A prospective, randomized, multicenter, double-blind clinical trial of 'xi lei san' in the treatment of duodenal ulcer] **Chung Hua Nei Ko Tsa Chih** 1984 Apr;23(4):198–200 (Eng. Abstr.) **(Chi)**

[Differential diagnosis and treatment of rheumatoid arthritis] Wang WL. **Chung Hua Nei Ko Tsa Chih** 1984 Jul; 23(7):452–4 **(Chi)**

[Effect of danshan and persantin on the alteration of platelet aggregation and microcirculation in diabetics] Zhu XX. **Chung Hua Nei Ko Tsa Chih** 1985 Apr;24(4):197–9, 253 (Eng. Abstr.) **(Chi)**

[Effect of synthetic gastrodin in an injectable form on neurasthenia] Yang Q. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1985 Apr; 18(2):76–8 (Eng. Abstr.) **(Chi)**

[Combined traditional Chinese and modern medicine in the treatment of congenital megacolon--report of 90 cases] Wang G. **Chung Hua Wai Ko Tsa Chih** 1984 Sep; 22(9):522–4, 572 (Eng. Abstr.) **(Chi)**

[Determination of residual trichloronitromethane in the air and in Chinese drugs] Shen LF. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May; 18(3):176–7 **(Chi)**

[Effects of total glycosides of Tripterygium wilfordii on animal reproductive organs I. Experiments of male rats] Zheng JR, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1985 Feb; 7(1):1–5 (Eng. Abstr.) **(Chi)**

[Microscopic features for the identification of Chinese drugs in Ranunculaceus] Chen JH. **Chung Yao Tung Pao** 1985 Jan;10(1):15–7 **(Chi)**

[The scolicidal action of bing-lang and other Chinese medicines against Echinococcus granulosus protoscoleces for screening in vitro] Chen QM. **Chung Yao Tung Pao** 1984 Jul;9(4):178–81 **(Chi)**

[On the quality control of Chinese herbal drugs with 'heat clearing and detoxicating' properties--selection of bioassay parameters according to the therapeutic principle of traditional Chinese medicine] Chen XS. **Chung Yao Tung Pao** 1984 May;9(3):98–102 **(Chi)**

[Studies on the extraction of Chinese mineral and seashell drugs] Cui WJ. **Chung Yao Tung Pao** 1984 May;9(3):130–2 **(Chi)**

[Advances in the past decade and prospects of quality standards of Chinese traditional medicinal preparations] Cui WJ. **Chung Yao Tung Pao** 1984 Jul;9(4):167–70 **(Chi)**

[Theoretical study of anti-infective effects of antipyretic, blood-activating and circulation stimulating preparations] Deng WL. **Chung Yao Tung Pao** 1985 Feb;10(2):85–9 **(Chi)**

[Some characteristics of the study of Chinese traditional medicine] Deng WL. **Chung Yao Tung Pao** 1984 Jul; 9(4):146–9 **(Chi)**

[The chemical constituents of Citrus reticulata] Fang XD. **Chung Yao Tung Pao** 1985 Feb;10(2):77–8 **(Chi)**

[The mechanism of the analgesic action of the alkaloid of Aristolochia kwangsiensis] Hong GX. **Chung Yao Tung Pao** 1985 Jan;10(1):38–41 **(Chi)**

[Comparative experiment on the quality of realgar] Huang HY. **Chung Yao Tung Pao** 1984 Nov;9(6):16–8 **(Chi)**

[Problems and prospects of discovering new drugs from Chinese traditional medicine by chemical and pharmacological screening] Jiang DQ. **Chung Yao Tung Pao** 1984 May;9(3):141–4 **(Chi)**

[Effects of Chinese rhubarb and processed rhubarb on experimental gastric ulcer in the rat] Jiang WJ. **Chung Yao Tung Pao** 1985 Feb;10(2):65–7 **(Chi)**

[Application of the breeding of the medicinal ginger family to the systematization and study of Chinese materia medica] Li ZW. **Chung Yao Tung Pao** 1985 Jan;10(1):3–6 **(Chi)**

[Botanical origin of the Chinese drug lu-xian-cao] Lin Q. **Chung Yao Tung Pao** 1984 Jul;9(4):156–7 **(Chi)**

[Application of paper chromatography and thin layer chromatography to the preparation of Chinese medicines in hospitals] Liu CZ. **Chung Yao Tung Pao** 1984 Nov; 9(6):22–6 **(Chi)**

[Separation and determination of alkaloids of Leonurus sibiricus] Luo SR. **Chung Yao Tung Pao** 1985 Jan;10(1):32–5 **(Chi)**

[Effect of xao-ke-zheng fang on blood sugar levels of alloxan diabetic rabbits] Meng QD. **Chung Yao Tung Pao** 1984 Nov; 9(6):33–4 **(Chi)**

[GC/MS analysis of volatile oils from Chinese Asarum species. II. Asarum sieboldii form. seoulense, A. forbesii, A. inflatum, A. magnificum var. dinghugense and A. caudigerum var. cardiophyllum] Pan JG. **Chung Yao Tung Pao** 1984 Jul;9(4):175–7 **(Chi)**

[Taiwan Province to reprint 'The appearance of metals, stones, insect, herbs and woods', a picture scroll painted in the late Ming dynasty] Rong R. **Chung Yao Tung Pao** 1984 Jul;9(4):154–6 **(Chi)**

[Effect of several Chinese drugs on platelet aggregation in the rabbit] Song JN. **Chung Yao Tung Pao** 1984 Jul; 9(4):182–4 **(Chi)**

[The compatible precipitation of Chinese drugs] Sun QM. **Chung Yao Tung Pao** 1985 Jan;10(1):26–30 **(Chi)**

[The combination of tannins with vitamin B1] Sun QM. **Chung Yao Tung Pao** 1985 Feb;10(2):70–3 **(Chi)**

[The medicinal portion of leaves of the purple perilla available on the market and the quantitative determination of its volatile oil content] Wang HY. **Chung Yao Tung Pao** 1984 Jul;9(4):157–8 **(Chi)**

[The medicinal herb of Gui-zhou--Blumla balsmifena] Wang YP. **Chung Yao Tung Pao** 1985 Feb;10(2):57–8 **(Chi)**

[Preliminary study of the fluoride content of some traditional Chinese drugs] Wei WH. **Chung Yao Tung Pao** 1985 Feb; 10(2):62–4 **(Chi)**

[The chemical constituents of Artemisia species (III). Isolation and identification of the lipophilic constituents from Artemisia argyi] Wu CM. **Chung Yao Tung Pao** 1985 Jan;10(1):31–2 **(Chi)**

[Studies on the formulation of the wax shell for honey pills. I. Orthogonal optimization of the formulation of pure-white wax shell] Xi DX. **Chung Yao Tung Pao** 1984 May;9(3):120–1 **(Chi)**

[Improved preparation of 'da-cheng-qi-tang' and its clinical use] Xiang YM. **Chung Yao Tung Pao** 1984 May;9(3):123–4 **(Chi)**

[Application of statistical methods in qualitative and quantitative analyses of orange-peel oil] Xiao CH. **Chung Yao Tung Pao** 1985 Feb;10(2):80–4 **(Chi)**

[Mildew of tortoise-plastron gelatin and 3 other Chinese medicinal herbs] Xu XS. **Chung Yao Tung Pao** 1984 Jul; 9(4):164–7 **(Chi)**

[Regional substitutes of Chinese drugs in northwest China] Yue CX. **Chung Yao Tung Pao** 1985 Jan;10(1):13–5 **(Chi)**

[The pharmacological actions of Chelidonium majus] Zhang BH. **Chung Yao Tung Pao** 1985 Jan;10(1):41–4 **(Chi)**

[Comparison of the effects of a single dose with the continuous administration of some traditional Chinese drugs on the myocardial uptake of 86Rb in mice] Zhang BH. **Chung Yao Tung Pao** 1985 Feb;10(2):90–2 **(Chi)**

[Preliminary observations on the blocking effect of herba asari decoction on nerve conduction] Zhang ML. **Chung Yao Tung Pao** 1984 Nov;9(6):35–7 **(Chi)**

[Chemical constituents of hairy young horn of Capreolus capreolus--isolation and identification of fat-soluble constituents] Zhao SL. **Chung Yao Tung Pao** 1984 Jul; 9(4):174 **(Chi)**

[Preparation of a drug in capsule form for gastric diseases and its use in 204 cases] Zhong JM. **Chung Yao Tung Pao** 1985 Feb;10(2):73–6 **(Chi)**

[Seasons for collecting Chinese drugs] Zhou LL. **Chung Yao Tung Pao** 1984 Jul;9(4):150–2 **(Chi)**

[Use of the TLC scanning method in the study of the quality of Chinese patent medicines--the quantitative analysis of berberine in 5 Chinese patent medicines] Zhou SD. **Chung Yao Tung Pao** 1985 Jan;10(1):36–7, 30 **(Chi)**

[HPLC and TLC-densitometry determination of alkaloidal constituents in Sophora flavescens and Sophora lopecuroides] Cui JF, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):59–66 (Eng. Abstr.) **(Chi)**

[Studies on the chemical constituents of Rubia schumanniana Pritz] Liu YL, et al. **Yao Hsueh Hsueh Pao** 1985 Jan; 20(1):53–8 (Eng. Abstr.) **(Chi)**

[Studies on the identification of the Chinese drug xin yi, the flower-buds of the Magnolia] Tong YY, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):22–32 (Eng. Abstr.) **(Chi)**

[Studies on alkaloids isolated from Jiangyou fu zi (Aconitum carmichaeli Debx)] Wang JZ, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):71–73 (Eng. Abstr.) **(Chi)**

[Morphological and histological studies of the Chinese drug bai-jiang-cao: I. Drugs derived from Valerianaceae] Wang TZ, et al. **Yao Hsueh Hsueh Pao** 1985 Feb;20(2):123–36 (Eng. Abstr.) **(Chi)**

[Minor constituents of qing dai, a traditional Chinese medicine. I. Isolation, structural determination and synthesis of tryptanthrin and qingdainone] Zou JC, et al. **Yao Hsueh Hsueh Pao** 1985 Jan;20(1):45–51 (Eng. Abstr.) **(Chi)**

[Notes on a trip to China] Hovorka J. **Cas Lek Cesk** 1984 Oct 12;123(40–41):1255–6 **(Cze)**

[The constituents of the Chinese drug 'ti-ku-'pi'. I. Isolation and constitution of lyciumamide, a new dipeptide] Noguchi M, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3584–7 (Eng. Abstr.) **(Ger)**

[Chinese breathing exercises (qigong)] Werner R. **Off Gesundheitswes** 1984 Oct;46(10):512–8 **(Ger)**

[Japanese medicine of the past] Krakovits G. **Orv Hetil** 1985 Feb 24;126(8):472, 475–6 **(Hun)**

[Kaorösi Csema and Tibetan medicine] Szállási A. **Orv Hetil** 1984 Nov 25;125(48):2941–3 **(Hun)**

[Therapy of lymphedemas: a study trip to Shanghai in search of the Chinese cure. The second Medical School in Shanghai (11–25 November 1984)] Fox U. **Minerva Med** 1985 Feb 25;76(7): 294–7 **(Ita)**

[A comparison between Chinese blended medicine 'shoseiryuto', tranilast and ketotifen on the anti-allergic action in the guinea pigs] Takeuchi Y, et al. **Arerugi** 1985 Jun;34(6):387–93 (Eng. Abstr.) **(Jpn)**

[Asthmatic children and Chinese medicine. Scientific study of shoseiryuto and saibokuto] Umesato Y, et al. **Arerugi** 1984 Dec;33(12):1047–52 (Eng. Abstr.) **(Jpn)**

[The clinical evaluation of hochuekkito for symptoms of malignant neoplasm patients] Kuroda M, et al. **Hinyokika Kiyo** 1985 Jan;31(1):173–7 (Eng. Abstr.) **(Jpn)**

[Clinical effects of goshajinkigan for male infertility] Takayama H, et al. **Hinyokika Kiyo** 1984 Nov; 30(11):1685–9 (Eng. Abstr.) **(Jpn)**

[Conservative treatment of benign prostatic hypertrophy--clinical effects of increased administration of Hachimijiogan and the relation between these effects and the 'Sho' of Chinese medicine] Yachiku S, et al. **Hinyokika Kiyo** 1985 Mar;31(3):545–51 (Eng. Abstr.) **(Jpn)**

[Effect of Saiboku-to, a blended Chinese traditional medicine, on Type I hypersensitivity reactions, particularly on experimentally-caused asthma] Nishiyori T, et al. **Nippon Yakurigaku Zasshi** 1985 Jan;85(1):7–16 (Eng. Abstr.) **(Jpn)**

[Effects on hot water extracts of several kanpo-prescriptions on macrophage procoagulant activity. I] Adachi I, et al. **Yakugaku Zasshi** 1984 Sep;104(9):959–65 (Eng. Abstr.) **(Jpn)**

[Studies on the aromatic constituents of crude drugs. I. On the aromatic constituents of ginseng radix] Iwabuchi H, et al. **Yakugaku Zasshi** 1984 Sep;104(9):951–8 (Eng. Abstr.) **(Jpn)**

[Pharmacological studies on saiko-prescriptions. VI. Effect of shosaiko-to on liver injury induced by D-galactosamine in rats] Kato M, et al. **Yakugaku Zasshi** 1984 Jul; 104(7):798–804 (Eng. Abstr.) **(Jpn)**

[Studies on active substances of the herbs used for oketsu, blood coagulation, in Chinese medicine. I. On anticoagulant activities of the herbs used for oketsu] Kosuge T, et al. **Yakugaku Zasshi** 1984 Oct;104(10):1050–3 (Eng. Abstr.) **(Jpn)**

[Studies on moutan cortex. IX. On the phagocytosis activity of the mouse reticuloendothelial system. (1)] Kubo M, et al. **Yakugaku Zasshi** 1985 Jan;105(1):26–32 (Eng. Abstr.) **(Jpn)**

[Quantitative determination of gallotannin in Paeoniae Radix] Nishizawa M, et al. **Yakugaku Zasshi** 1984 Dec; 104(12):1244–50 (Eng. Abstr.) **(Jpn)**

[Pharmacological analysis of the traditional Chinese prescription 'goreisan-ryo'] Tanaka S, et al. **Yakugaku Zasshi** 1984 Jun;104(6):601–6 (Eng. Abstr.) **(Jpn)**

[Determination of saikosaponins in Chinese medicinal extracts containing Bupleuri radix] Yamaji A, et al. **Yakugaku Zasshi** 1984 Jul;104(7):812–5 (Eng. Abstr.) **(Jpn)**

[Outline of the history of Chinese acupuncture in the Middle Ages and modern times] Jonecko A, et al. **Arch Hist Med (Warsz)** 1984;47(3):417–27 (Eng. Abstr.) **(Pol)**

HISTORY

Evolution of medical education in China. Cheng ZF. **Chin Med J [Engl]** 1984 Jun;97(6):435–42

MEDICINE, PRIMITIVE see **MEDICINE, TRADITIONAL**

MEDICINE, TRADITIONAL

see related
HEALTH SERVICES, INDIGENOUS

Nummular purpura [letter] Primack WA, et al. **Arch Dermatol** 1985 Mar;121(3):309–10

El hospital invisible. A study of Curanderismo. Alegria D, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1354–7

Therapy managing in Botswana. Ben-Tovim DI. **Aust NZ J Psychiatry** 1985 Mar;19(1):88–91

'Therapeutic' burns (Maqua). Baruchin AM. **Burns Incl Therm Inj** 1984 Dec;11(2):140–2

Neonatal tetanus in Maputo, Mozambique. Part I. Hospital incidence and childbirth practices. Cliff J. **Cent Afr J Med** 1985 Jan;31(1):9–12

Menstrual practices of the Amandebele people in the Essexvale area. McCalman I. **Cent Afr J Med** 1968 May; 14(5):111

Crocodile bile, a poison: myth or reality? Nyazema NZ. **Cent Afr J Med** 1984 Jun;30(6):102–3

Traditional methods of snake-bite treatment in Sri Lanka. De Silva A, et al. **Ceylon Med J** 1983 Sep;28(3):170–4

The alkaloidal constituents of Goda-manel (Crinum zeylanicum L.), a Sri Lankan folk medicine. Tsuda Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3023–7

Utilisation of traditional treatment among Ethiopian diabetics. Abdulkadir J. **Ethiop Med J** 1985 Jul;23(3):117–21

Health service implications of folk healing among older Asian Americans and Hawaiians in Honolulu. Snyder P. **Gerontologist** 1984 Oct;24(5):471–6

The Zar spirits, a category of magic in the system of mental health care in Ethiopia. Kahana Y. **Int J Soc Psychiatry** 1985 Summer;31(2):125–43

Pharmacological aspects of selected herbs employed in Hispanic folk medicine in the San Luis Valley of Colorado, USA: I. Ligusticum porteri (osha) and Matricaria chamomilla (manzanilla). Appelt GD. **J Ethnopharmacol** 1985 Mar;13(1):51–5

A pointer to a new hallucinogen of insect origin. Britton EB. **J Ethnopharmacol** 1984 Dec;12(3):331–3

The healing practices of a Peruvian shaman. Luna LE. **J Ethnopharmacol** 1984 Jul;11(2):123–33

The concept of plants as teachers among four mestizo shamans of Iquitos, northeastern Peru. Luna LE. **J Ethnopharmacol** 1984 Jul;11(2):135–56

American Indian medicine [editorial] Hershman MJ, et al. **J R Soc Med** 1985 Jun;78(6):432-4

Leads from the MMWR. Lead poisoning-associated death from Asian Indian folk remedies--Florida. **JAMA** 1984 Dec 14;252(22):3118, 3120

Pharmacological significance of plants and herbs used in Islamic medicine. Akhtar MS. **JPMA** 1985 Jan;35(1):28-34

Traditional bone setters and gas gangrene [letter] Brume J, et al. **Lancet** 1985 Apr 6;1(8432):813

Death of child submitted to uvulectomy for diarrhoea [letter] Nalin DR. **Lancet** 1985 Mar 16;1(8429):643

The vidente phenomenon in third world traditional healing: an Amazonian example. Dobkin de Rios M. **Med Anthropol** 1984 Winter;8(1):60-70

The nonsharing of medical knowledge among spiritualist healers and their patients: a contribution to the study of intra-cultural diversity and practitioner-patient relationship. Finkler K. **Med Anthropol** 1984 Summer; 8(3):195-209

The concept of 'neutral' in humoral medical systems. Foster GM. **Med Anthropol** 1984 Summer;8(3):180-94

Indigenous treatment for alcoholism: the case of Puerto Rican spiritism. Singer M, et al. **Med Anthropol** 1984 Fall; 8(4):246-73

Illustrations from the Wellcome Institute Library. Sequah: an English 'American Medicine'-man in 1890. Schupbach W. **Med Hist** 1985 Jul;29(3):272-317

Lead poisoning-associated death from Asian Indian folk remedies--Florida. **MMWR** 1984 Nov 16;33(45):638, 643-5

Clinical hirudology: revival of an ancient art [letter] Cole D. **NZ Med J** 1985 Jan 23;98(771):28-9

Indigenous childbirth practices: information gathering with the MACHIK interview, Part II. Jenkins C. **Papua New Guinea Med J** 1984 Jun;27(2):61-4

The role of traditional medical practice in Papua New Guinea [editorial] Jenkins C. **Papua New Guinea Med J** 1984 Sep-Dec;27(3-4):121-2

Is a combined Western and traditional health service for black patients desirable? Farrand D. **S Afr Med J** 1984 Nov 17; 66(20):779-80

Nigerian geophagical clay: a traditional antidiarrheal pharmaceutical. Vermeer DE, et al. **Science** 1985 Feb 8; 227(4687):634-6

A survey of traditional medical practices used for the treatment of malignant tumors in an East African population. Alexander GA. **Soc Sci Med** 1985;20(1):53-9

The reinterpretation of Western pharmaceuticals among the Mende of Sierra Leone. Bledsoe CH, et al. **Soc Sci Med** 1985;21(3):275-82

A Maori perspective of health. Durie MH **Soc Sci Med** 1985; 20(5):483-6

How to stay well in Tzintzuntzan. Foster GM. **Soc Sci Med** 1984;19(5):523-33

Traditional healers, mothers and childhood diarrheal disease in Swaziland: the interface of anthropology and health education. Green EC. **Soc Sci Med** 1985;20(3):277-85

The shaman and the medicine-man. Hultkrantz A. **Soc Sci Med** 1985;20(5):511-5

Ethnomedicine and oral rehydration therapy: a case study of ethnomedical investigation and program planning. Kendall C, et al. **Soc Sci Med** 1984;19(3):253-60

Trust, talk and touch in Balkan folk healing. Kerewsky-Halpern B. **Soc Sci Med** 1985;21(3):319-25

Mobilizing indigenous resource for primary health care in Nigeria: a note on the place of traditional medicine. Oyeneye OY. **Soc Sci Med** 1985;20(1):67-9

Health and traditional medicine cultures in Latin America and the Caribbean. Pedersen D, et al. **Soc Sci Med** 1985; 21(1):5-12

Serious complications associated with uvulectomy performed by a 'native doctor'. Adekeye EO, et al. **Trop Doct** 1984 Oct;14(4):160-1

Traditional treatment of pregnancy anaemia in Nigeria. An indication for modern therapeutics. Elegbe I, et al. **Trop Doct** 1984 Oct;14(4):175-7

Mismanagement of acute hematogenous osteomyelitis by traditional medicine men (native doctors) in the eastern and northern regions of Nigeria. Oguachuba HN. **Unfallchirurg** 1985 Aug;88(8):368-72

[Results of pharmcoethnographic research in the Champa national group of Southern Vietnam] Sita F. **Cas Lek Cesk** 1984 Jul 27;123(30):939-40 **(Cze)**

[Medicinal plants in developing countries] De Schaepdryver A. **Ann Soc Belg Med Trop** 1985 Jun;65(2):117-20 **(Fre)**

[The contribution brought to the introduction of modern medical practice by taking into consideration superstitious practices in the bush] Bedaya-Ngaro S, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1019-25 (Eng. Abstr.) **(Fre)**

[Ethnopsychiatric observations apropos of the ritualization of deviation] Coppo P. **Med Trop (Mars)** 1985 Jan-Mar; 45(1):67-71 (Eng. Abstr.) **(Fre)**

[Folk medicine in Ethiopia. 1. Dermatological and health policy aspects] Barth J. **Dermatol Monatsschr** 1985; 171(5):344-7 **(Ger)**

[Folk medicine in Ethiopia. 2. Tradition and the present] Barth J. **Dermatol Monatsschr** 1985;171(6):409-10 **(Ger)**

[Results in lens couching, an important cause of blindness in developing countries] Verin P, et al. **Fortschr Ophthalmol** 1985;82(2):144-6 (Eng. Abstr.) **(Ger)**

[Results of operative couching of the lens (a study from Nepal)] Brandt F, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):543-6 (Eng. Abstr.) **(Ger)**

[Development aid in public health--principles of an ethnospecific health system analysis] Werner R. **Off Gesundheitswes** 1985 Mar;47(3):125-9 **(Ger)**

[Observations on traditional African medicine--report on an annually occurring celebration of the ill in Senegal] Koumare B, et al. **Psyche (Stuttg)** 1984 Aug;38(8):710-6 (Eng. Abstr.) **(Ger)**

[Psychiatry in Africa between tradition and modern methods] Moersch E. **Psyche (Stuttg)** 1984 Aug;38(8):673-95 (Eng. Abstr.) **(Ger)**

[The shaman: witness of an old culture--is it revivable?] Scharfetter C. **Schweiz Arch Neurol Psychiatr** 1985; 136(3):81-95 (Eng. Abstr.) **(Ger)**

[Some practical questions of traditional care in medicine] Abe HR. **Z Arztl Fortbild (Jena)** 1985;79(13):549-50 **(Ger)**

[A study of Goyodomecho (an official record) of Mutsu-Moriyama-domain (Japan, the Edo period) from a psychiatric viewpoint; with special regard to folk concepts of mental illness] Hiruta G. **Seishin Shinkeigaku Zasshi** 1984;86(9):699-735 (Eng. Abstr.) **(Jpn)**

[Rescue of the soul] León CA. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul-Aug;12(4):233-46 **(Spa)**

[Traditional and modern medicine in Haiti] Clerismé C. **Bol Of Sanit Panam** 1985 May;98(5):431-9 (Eng. Abstr.) **(Spa)**

[Cosmopolitan and traditional health systems: woman as the nexus] Bender D. **Educ Med Salud** 1984;18(4):393-401 (Eng. Abstr.) **(Spa)**

[Proverbs, tales and legends related to snakes and human and animal ophidism] Esteso SC. **Rev Fac Cien Med Univ Nac Cordoba** 1983;41(2):50-5 **(Spa)**

[Can diagnosis be obtained by zone therapy?] Brunkstedt I. **Lakartidningen** 1984 Dec 19;81(51):4849-52 **(Swe)**

HISTORY

Investigative grammar. Mawyer GD. **J Urol** 1985 Oct; 134(4):834

Clay eating [letter] Hunter JM. **Science** 1985 May 31; 228(4703):1040

MEDIGOXIN see under **DIGOXIN**

MEDITERRANEAN FEVER, FAMILIAL see **PERIODIC DISEASE**

MEDLARS-MEDLINE INFORMATION SYSTEM

Use of epidemiology in medical specialties: an examination by citation analysis. Dannenberg AL. **Am J Epidemiol** 1985 Jan;121(1):140-51

The mini MEDLINE SYSTEM: a library-based end-user search system. Broering NC. **Bull Med Libr Assoc** 1985 Apr;73(2):138-45

Use of MEDLINE by medical students: results of a survey of the students of the Pritzker School of Medicine of the University of Chicago. Kaluzsa K. **Bull Med Libr Assoc** 1985 Jul;73(3):259-62

Research and writing in the history of health sciences, 1970-1982: a quantitative analysis of NLM's HISTLINE database. Kopp JJ. **Bull Med Libr Assoc** 1985 Apr; 73(2):146-52

Journal article overlap among Index Medicus, Science Citation Index, Biological Abstracts, and Chemical Abstracts. Poyer RK. **Bull Med Libr Assoc** 1984 Oct; 72(4):353-7

The review article in MEDLINE: ambiguity of definition and implications for online searchers. Van Buskirk NE. **Bull Med Libr Assoc** 1984 Oct;72(4):349-52

Using MEDLINE to peruse the literature. Hewitt P, et al. **Controlled Clin Trials** 1985 Mar;6(1):75-83

Perusing the literature. Methods of accessing MEDLINE and related databases. Hewitt P, et al. **Controlled Clin Trials** 1985 Jun;6(2):168-77

Literature search reveals focus of cost savings. Franck JN. **J Hosp Infect** 1984 Dec;5 Suppl A:115-6

Usefulness of the on-line data base CANCERLIT: an evaluation study based on consecutive searches in CANCERLIT and MEDLINE for oncologists. Kjellander E, et al. **JNCI** 1985 Jun;74(6):1351-3

Computer-assisted surgery [letter] Sohn N, et al. **N Engl J Med** 1985 Apr 4;312(14):924

Requesting a MEDLINE search of the literature. Pickwell M. **NZ Dent J** 1985 Apr;81(364):59-61

ECONOMICS

Cost effectiveness and MEDLINE printing [letter] Boyce BR. **Bull Med Libr Assoc** 1984 Oct;72(4):401-2

The cost of health sciences information in a democratic society. Davies NE. **Trans Am Clin Climatol Assoc** 1984; 96:201-6

TRENDS

Home medical database telecommunications for the neurosurgeon. Lipow KI, et al. **Neurosurgery** 1984 Nov; 15(5):751-3

MEDLINE see **MEDLARS-MEDLINE INFORMATION SYSTEM**

MEDPHALAN see **MELPHALAN**

MEDROGESTONE see under **PREGNADIENES**

MEDROXYPROGESTERONE

ADMINISTRATION & DOSAGE

A randomized comparative trial of combined versus alternating therapy with cytostatic drugs and high-dose medroxyprogesteron acetate in advanced breast cancer. Wils JA, et al. **Cancer** 1985 Sep 15;56(6):1325-31

ANALOGS & DERIVATIVES

Effect of progestogen (Depo-Provera) on annulate lamellae in endometrial carcinoma. Szarvas Z, et al. **Acta Chir Hung** 1984;25(4):269-76

The effect of medroxyprogesterone acetate on premature labor in the sheep. Tomasi A, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):694-700

Human endometrium transplanted into nude mice. Histologic effects of various steroid hormones. Bergqvist A, et al. **Am J Pathol** 1985 May;119(2):336-44

Effect of medroxyprogesterone acetate on the growth of mouse transplanted tumors: relation with hormone sensitivity. Formelli F, et al. **Anticancer Res** 1985 May-Jun; 5(3):313-9

Alveolar hypoventilation treated with medroxyprogesterone. Milerad J, et al. **Arch Dis Child** 1985 Feb;60(2):150-5

Advanced breast cancer: response to high dose oral medroxyprogesterone acetate. Hedley D, et al. **Aust NZ J Med** 1984 Jun;14(3):251-4

Prostacyclin and thromboxane in breast cancer: relationship between steroid receptor status and medroxyprogesterone acetate. Aitokallio-Tallberg A, et al. **Br J Cancer** 1985 May;51(5):671-4

Medroxyprogesterone acetate therapy in hirsutism. Schmidt JB, et al. **Br J Dermatol** 1985 Aug;113(2):161-5

Intraperitoneal bleeding from ectopic decidua following hormonal contraception. Case report. Tang LC, et al. **Br J Obstet Gynaecol** 1985 Jan;92(1):102-3

Oral medroxyprogesterone acetate in the treatment of metastatic breast cancer. Hortobagyi GN, et al. **Breast Cancer Res Treat** 1985;5(3):321-6

Inhibition by medroxyprogesterone acetate of precancerous mammary hyperplastic alveolar nodule formation in mice. Nagasawa H, et al. **Breast Cancer Res Treat** 1985;5(1):31-6

Medroxyprogesterone acetate does not protect human bone marrow progenitor cells exposed to adriamycin in vitro. Umbach GE, et al. **Breast Cancer Res Treat** 1985;5(1):87-9

The effects of continuous progestogen treatment on cortical bone remodeling activity in beagles. Snow GR, et al. **Calcif Tissue Int** 1985 May;37(3):282-6

Medroxyprogesterone acetate bioavailability after high-dose intraperitoneal administration in advanced cancer. Camaggi CM, et al. **Cancer Chemother Pharmacol** 1985;14(3):232-4

Medroxyprogesterone acetate (MAP) and tamoxifen (TMX) plasma levels after simultaneous treatment with 'low' TMX and 'high' MAP doses. Camaggi CM, et al. **Cancer Chemother Pharmacol** 1985;14(3):229-31

Lack of correlations between plasma concentration of medroxyprogesterone acetate, hypothalamic-pituitary function, and tumour response in patients with advanced breast cancer. Hedley DW, et al. **Cancer Chemother Pharmacol** 1985;14(2):112-5

Mechanism of adrenal suppression by high-dose medroxyprogesterone acetate in breast cancer patients. van Veelen H, et al. **Cancer Chemother Pharmacol** 1985; 15(2):167-70

In vitro functions of lymphocytes during high-dose medroxyprogesterone acetate (MPA) treatment. Grönroos M, et al. **Cancer Immunol Immunother** 1984;17(3):218-20

Influence of aminoglutethimide on plasma levels of medroxyprogesterone acetate: its correlation with serum cortisol. Van Deijk WA, et al. **Cancer Treat Rep** 1985 Jan; 69(1):85-90

MPA plasma levels after oral administration in gastrectomized cancer patients during chemotherapy. Fornasiero A, et al. **Chemioterapia** 1985 Jun;4(3):256-9

Oral route administration of medroxyprogesterone acetate (MAP) at high doses in the treatment of advanced breast cancer: clinical results. Guarnieri A, et al. **Chemioterapia** 1984 Oct;3(5):320-3

The effect of high dose medroxyprogesterone acetate on water and salt metabolism in advanced cancer patients. Lelli G, et al. **Chemioterapia** 1984 Oct;3(5):327-9

ACTH and cortisol plasma levels in cancer patients treated with medroxyprogesterone acetate at high dosages. Papaleo C, et al. **Chemioterapia** 1984 Aug;3(4):220-2

Injectable contraception. Elder MG. **Clin Obstet Gynaecol** 1984 Dec;11(3):723-41

The effect of oral medroxyprogesterone acetate and methyltestosterone on sexual functioning in a male contraceptive trial. Doody K, et al. **Contraception** 1985 Jan; 31(1):65-70

Transient reduction in serum HDL-cholesterol following medroxyprogesterone acetate and testosterone cypionate administration to healthy men. Friedl KE, et al. **Contraception** 1985 Apr;31(4):409-20

Return to ovulation following the use of long-acting injectable contraceptives: a comparative study. Garza-Flores J, et al. **Contraception** 1985 Apr;31(4):361-6

Long-term follow-up of children breast-fed by mothers receiving depot-medroxyprogesterone acetate. Jimenez J, et al. **Contraception** 1984 Dec;30(6):523-33

Long-term effects of Depo-Provera on carbohydrate and lipid metabolism. Liew DF, et al. **Contraception** 1985 Jan; 31(1):51-64

Comparative effects of estradiol benzoate, the antiestrogen clomiphene citrate, and the progestin medroxyprogesterone acetate on kainic acid-induced seizures in male and female rats. Nicoletti F, et al. **Epilepsia** 1985 May-Jun;26(3):252-7

Combined and sequential treatment using FCE 21336, a new prolactin-lowering drug, and medroxyprogesterone acetate (MPA) in DMBA-induced tumors in rats. Zaccheo T, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1193-7

High-dose medroxyprogesterone acetate versus prednisolone in hormone-resistant prostatic cancer. A pilot study. Fosså SD, et al. **Eur Urol** 1985;11(1):11-6

High-dose medroxyprogesterone in the treatment of advanced therapy-resistant prostatic carcinoma. Johansson JE, et al. **Eur Urol** 1985;11(1):9-10

Evaluation of progestogens for postoperative adhesion prevention. Beauchamp PJ, et al. **Fertil Steril** 1984 Oct; 42(4):538-42

Inhibition of fertilization in the rabbit long after injection of Depo-Provera. Chang MC. **Fertil Steril** 1985 Apr; 43(4):652-5

Inhibition of ovulation during discontinuous intranasal luteinizing hormone-releasing hormone agonist dosing in combination with gestagen-induced bleeding. Lemay A, et al. **Fertil Steril** 1985 Jun;43(6):868-77

Physical, metabolic, and hormonal effects on men of long-term therapy with medroxyprogesterone acetate. Meyer WJ 3d, et al. **Fertil Steril** 1985 Jan;43(1):102-9

Steroidal regulation of endometriosis tissue: lack of induction of 17 beta-hydroxysteroid dehydrogenase activity by progesterone, medroxyprogesterone acetate, or danazol. Vierikko P, et al. **Fertil Steril** 1985 Feb;43(2):218-24

Endometrial carcinoma: steroid receptors and response to medroxyprogesterone acetate. Quinn MA, et al. **Gynecol Oncol** 1985 Jul;21(3):314-9

Effects of high dose progestin on serum lipids and lipid metabolizing enzymes in patients with endometrial cancer. Lehtonen A, et al. **Horm Metab Res** 1985 Jan;17(1):32-4

Histologic response of normal human endometrium to steroid hormones in athymic mice. Zaino RJ, et al. **Hum Pathol** 1985 Sep;16(9):867-72

Short term effect of medroxyprogesterone acetate on the rat intestinal digestive & absorptive functions. Singh R, et al. **Indian J Med Res** 1985 Feb;81:186-92

Short-term effects of danazol and medroxyprogesterone acetate on cytosol and nuclear estrogen and progestin receptors, 17 beta-hydroxysteroid dehydrogenase activity, histopathology, and ultrastructure of human endometrial adenocarcinoma. Kauppila A, et al. **Int J Cancer** 1985 Feb 15;35(2):157-63

Simple high-performance liquid chromatographic method for the determination of medroxyprogesterone acetate in human plasma. Read J, et al. **J Chromatogr** 1985 Jun 14; 341(2):437-44

Effects of long-term administration of high doses of medroxyprogesterone acetate on hormone receptors and target organs in the female rat. Di Carlo F, et al. **J Endocrinol** 1984 Dec;103(3):287-93

Medroxyprogesterone acetate does not perturb the profile of steroid metabolites in urine during pregnancy. Yovich JL, et al. **J Endocrinol** 1985 Mar;104(3):453-9

Fetal abnormality (Goldenhar syndrome) occurring in one of triplet infants derived from in vitro fertilization with possible monozygotic twinning. Yovich JL, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):27-32

Effects of medroxyprogesterone acetate on submandibular salivary gland of female mice. Nogueira-Campos CR, et al. **J Nihon Univ Sch Dent** 1984 Dec;26(4):310-5

Antiandrogenic treatment of a gender-dysphoric transvestite. Brantley JT, et al. **J Sex Marital Ther** 1985 Summer; 11(2):109-12

Studies on the developmental pattern of rat ovarian 3 alpha-hydroxysteroid dehydrogenase: inhibition of the postpubertal activity with medroxyprogesterone acetate in vivo. Jarrell J. **J Steroid Biochem** 1984 Aug;21(2):151-6

Steroid hormone receptors in normal and malignant human renal tissue: relationship with progestin therapy. Ronchi E, et al. **J Steroid Biochem** 1984 Sep;21(3):329-35

Effect of progesterone and medroxyprogesterone acetate on pregnancy length and litter size in mink. Jarosz SJ, et al. **Lab Anim Sci** 1985 Apr;35(2):156-8

Breast cancer, cervical cancer, and depot medroxyprogesterone acetate. WHO Collaborative Study of Neoplasia and Steroid Contraceptives [letter] **Lancet** 1984 Nov 24;2(8413):1207-8

Chromosomal damage induced in human lymphocytes by medroxyprogesterone acetate treatment for precocious puberty. Lovell MM, et al. **Medicina (B Aires)** 1984; 44(2):163-6

Medroxyprogesterone acetate versus tamoxifen in the therapy of advanced breast cancer. Lorenz I, et al. **Neoplasma** 1985; 32(1):119-24

Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. Barnes RB, et al. **Obstet Gynecol** 1985 Aug;66(2):216-9

Teratogenicity of progestogens given during the first trimester of pregnancy. Katz Z, et al. **Obstet Gynecol** 1985 Jun;65(6):775-80

Modification of juvenile play and other social behaviour in the rat by neonatal progestins: further studies. Birke LI, et al. **Physiol Behav** 1984 Aug;33(2):217-9

Metabolism of medroxyprogesterone acetate and hepatic drug metabolism activity. Rautio A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):305-8

A comparison of the effects of phenobarbital and medroxyprogesterone acetate on drug and glucose metabolism in rats with chemical liver injury. Stengård JH. **Res Commun Chem Pathol Pharmacol** 1984 Oct;46(1):67-76

Effect of medroxyprogesterone on ventilatory control and pulmonary gas exchange in chronic obstructive patients. Delaunois L, et al. **Respiration** 1985;47(2):107-13

Panel says Depo-Provera not proved safe [news] Sun M. **Science** 1984 Nov 23;226(4677):950-1

Comments on two recent papers dealing with the teratogenicity of medroxyprogesterone acetate [letter] Marks TA. **Teratology** 1985 Apr;31(2):313-5

The effect of medroxyprogesterone acetate (Depo-Provera) on prenatal development in the baboon (Papio anubis): a preliminary study. Tarara R. **Teratology** 1984 Oct; 30(2):181-5

[Real and false risks of injectable hormonal contraception] Revaz C. **Gynakol Rundsch** 1984;24 Suppl 1:20-5 **(Fre)**

[Depot medroxyprogesterone acetate: clinical and metabolic effects (lipids, glucose, hemostasis)] Hyjazi Y, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1985;14(1):93-103 (Eng. Abstr.) **(Fre)**

[Therapeutic possibilities in hirsutism] Huber H, et al. **Gynakol Rundsch** 1984;24(3):161-7 **(Ger)**

[Changes in serum lipoproteins under hormonal therapy of breast carcinoma and other endocrine-dependent tumors] Wander HE, et al. **Onkologie** 1985 Apr;8(2):88-92 (Eng. Abstr.) **(Ger)**

[Clinical investigation of oral high-dose medroxyprogesterone acetate (MPA) in advanced breast cancer--double-blind controlled study: Japanese Group for MPA Treatment of Breast Cancer] Izuo M, et al. **Gan No Rinsho** 1985 May;31(5):487-93 (Eng. Abstr.) **(Jpn)**

[Effects of antiestrogens and medroxyprogesterone acetate on the clonogenic growth of tamoxifen-sensitive and resistant human breast cancer cells] Nomura Y, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):844-50 (Eng. Abstr.) **(Jpn)**

[Therapeutic effects of medroxyprogesterone acetate in recurrent or advanced breast cancer] Yoshida M, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):516-23 (Eng. Abstr.) **(Jpn)**

[Flow cytometric study on the action of progestogen in patients with adenocarcinoma and precancerous lesions of the endometrium] Nishiya I, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul;37(7):1161-8 (Eng. Abstr.) **(Jpn)**

[Effectiveness of injectable contraceptives in Mexican women] Garza-Flores J, et al. **Bol Of Sanit Panam** 1985 Feb;98(2):181-6 (Eng. Abstr.) **(Spa)**

[Injectable contraception using depot progestagens] Velasco Murillo V, et al. **Ginecol Obstet Mex** 1983 Jul;51(315):191-7 (Eng. Abstr.) **(Spa)**

[Therapeutic trial of medroxyprogesterone acetate in severe fibrocystic breast disease] Peralta O, et al. **Rev Chil Obstet Ginecol** 1983;48(3):146-55 (Eng. Abstr.) **(Spa)**

BLOOD

Oral high-dose medroxyprogesterone acetate (MPA) treatment: cortisol/MPA serum profiles in relation to breast cancer regression. Mahlke M, et al. **Oncology** 1985; 42(3):144-9

METABOLISM

Liver function and medroxyprogesterone acetate elimination in man. Rautio A. **Biomed Pharmacother** 1984;38(4):199-204

PHARMACODYNAMICS

Dexamethasone, medroxyprogesterone acetate, and vindesine modulation of human malignant melanoma growth in soft agar. Bojar H, et al. **Anticancer Res** 1985 Mar-Apr; 5(2):189-92

Effects of oestradiol, testosterone and medroxyprogesterone on subcellular fraction marker enzyme activities from rat liver and brain. García MV, et al. **Comp Biochem Physiol [B]** 1985;80(2):347-54

Growth inhibition of fibroblasts by progesterone and medroxyprogesterone in vitro. Comini Andrada E, et al. **Int Arch Allergy Appl Immunol** 1985;76(2):97-100

The effect of progestins on the mitotic activity of uterine fibromyomas. Tiltman AJ. **Int J Gynecol Pathol** 1985; 4(2):89-96

Weak androgen reduces the rate constant of beta-glucuronidase induction. Bullock LP, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):179-85

[Male contraception. Gonadal and adrenal functions in men treated with medroxyprogesterone] Roger M, et al. **Pathol Biol (Paris)** 1984 Oct;32(8):895-8 **(Fre)**

[Effects of sex hormones on breathing during waking and sleep] Takasaki Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Mar; 23(3):286-95 (Eng. Abstr.) **(Jpn)**

[The effects of progestogens on a human endometrial cancer cell line Ishikawa and a human breast cancer cell line MCF-7] Yoshizumi N, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):220-7 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Aggressive endometrial stromal sarcoma responding to medroxyprogesterone following failure of tamoxifen and combination chemotherapy. Case report. O'Brien AA, et al. **Br J Obstet Gynaecol** 1985 Aug;92(8):862-6

Endocrine effects of medroxyprogesterone acetate: relation between plasma levels and suppression of adrenal steroids in patients with breast cancer. van Veelen H, et al. **Cancer Treat Rep** 1985 Sep;69(9):977-83

Effects of medroxyprogesterone acetate on DMBA-induced mammary tumors. Racca S, et al. **Chemioterapia** 1985 Jun; 4(3):236-8

Pulmonary lymphangiomyomatosis. Long-term survival in a patient with poor response to medroxyprogesterone [letter] Bevelaqua FA, et al. **Chest** 1985 Apr;87(4):552-3

A clinical trial of aminoglutethimide in advanced postmenopausal breast carcinoma: low response in patients previously treated with medroxyprogesterone. Alberto P, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):423-8

The endometrial adenocarcinoma as a model for hormone-dependency and hormone-responsiveness of gynaecological cancers. Bonte J. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):335-41

The EORTC Phase III trials in prostatic cancer. Robinson MR, et al. **Prog Clin Biol Res** 1985;185A:243-9

Treatment of renal cell carcinoma with renal infarction, delayed nephrectomy, medroxyprogesterone, and xenogeneic immune RNA. Weigel JW, et al. **Urology** 1985 Feb;25(2):103-5

[Carcinoma of the prostatic utricle treated with medroxyprogesterone (letter)] Sundblad AS, et al. **Medicina (B Aires)** 1984;44(1):105 **(Spa)**

MEDRYSONE see under **PREGNENEDIONES**

MEDULLA OBLONGATA

X-linked bulbo-spinal neuronopathy of late onset. Martinelli P, et al. **Acta Neurol Scand** 1985 Jun;71(6):498-503

Immunohistochemical study of fibronectin in hemangioblastomas and hemangiopericytomas. Kochi N, et al. **Acta Neuropathol (Berl)** 1984;64(3):229-33

Hemangioblastomas with cystic stromal cell nuclei. Love GL, et al. **Acta Neuropathol (Berl)** 1985;67(1-2):160-2

Dystrophic axons in the nucleus gracilis of the normal rat containing cholecystokinin-like immunoreactivity. Light- and electron-microscopic observations. Matsuda T, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):224-34

Hypoglossal and phrenic responses to cholinergic agents applied to ventral medullary surface. Haxhiu MA, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R939-44

Neurogenic hypertension: etiology and surgical treatment. I. Observations in 53 patients. Jannetta PJ, et al. **Ann Surg** 1985 Mar;201(3):391-8

Neurogenic hypertension: etiology and surgical treatment. II. Observations in an experimental nonhuman primate model. Jannetta PJ, et al. **Ann Surg** 1985 Aug;202(2):253-61

Intramedullary metastases: report of 4 cases and review of the literature. Schwechheimer K, et al. **Clin Neuropathol** 1985 Jan-Feb;4(1):28-37

Hemiparesis caused by vertebral artery compression of the medulla oblongata. Case report. Kim P, et al. **J Neurosurg** 1985 Mar;62(3):425-9

Comparison of metrizamide computed tomography and magnetic resonance imaging in the evaluation of lesions at the cervicomedullary junction. Bosley TM, et al. **Neurology** 1985 Apr;35(4):485-92

Primary medullary hypertensive hemorrhage. Neumann PE, et al. **Neurology** 1985 Jun;35(6):925-8

Cervicomedullary junction tumor diagnosed by nuclear magnetic resonance scanning: case report. Kaufman BA, et al. **Neurosurgery** 1984 Dec;15(6):878-80

Intramedullary neurofibroma of the cervical spinal cord: case report with review of the literature. Sharma R, et al. **Neurosurgery** 1984 Oct;15(4):546-8

Successful total extirpation of hemangioblastoma originating in the medulla oblongata. Nakamura N, et al. **Surg Neurol** 1985 Jul;24(1):87-94

Foramen magnum syndrome caused by a dolichoodontoid process. Yanai Y, et al. **Surg Neurol** 1985 Jul;24(1):95-100

[Isolated ipsilateral lateropulsion caused by bulbar hematoma] Hommel M, et al. **Rev Neurol (Paris)** 1985;141(1):53-4 (Eng. Abstr.) **(Fre)**

[Case report of tumors in the area of the foramen magnum] Lahl R, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov;36(11):678-82 (Eng. Abstr.) **(Ger)**

ABNORMALITIES

Observations on some rare cases of vertebro-medullar malformations associated with tumors. Conti P, et al. **J Neurosurg Sci** 1984 Apr-Jun;28(2):81-7

Medullary nuclear dysplasia (Möbius syndrome) in an infant with recurrent apnea and isoelectric EEG. Iannaccone ST, et al. **Pediatr Pathol** 1983 Apr-Jun;1(2):145-58

ANALYSIS

VIP-like and GFAP-like immunoreactivities in the chicken brain stem. I. The medulla. Ambrosi G, et al. **Boll Soc Ital Biol Sper** 1984 Oct 30;60(10):1897-903

ANATOMY & HISTOLOGY

Localization of sites within dorsal motor nucleus of vagus that affect gastric motility. Pagani FD, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G73-84

Afferent projections from forelimb muscles to the external and main cuneate nuclei in the cat. A study with transganglionic transport of horseradish peroxidase. Jasmin L, et al. **Anat Embryol (Berl)** 1985;171(3):275-84

An ipsilateral projection from the red nucleus to the lateral reticular nucleus in the cat. Qvist H, et al. **Anat Embryol (Berl)** 1984;170(3):327-30

Cerebellar, medullary and spinal afferent connections of the paramedian reticular nucleus in the cat. Elisevich KV, et al. **Brain Res** 1985 Apr 22;332(2):267-82

Distribution of cerebellar mossy fibers arising from neurons of the raccoon main cuneate nucleus. Haring JH, et al. **Brain Res** 1984 Dec 3;323(1):164-7

The course of paraventricular hypothalamic efferents to autonomic structures in medulla and spinal cord. Luiten PG, et al. **Brain Res** 1985 Mar 11;329(1-2):374-8

Laminar-related projection of primary trigeminal fibers in the caudal medulla demonstrated by transganglionic transport of horseradish peroxidase. Shigenaga Y, et al. **Brain Res** 1984 Sep 10;309(2):341-5

The cells of origin of a sexually dimorphic serotonergic input to the medial preoptic nucleus of the rat. Simerly RB, et al. **Brain Res** 1984 Dec 17;324(1):185-9

On the projections from the vestibular and perihypoglossal nuclei to the spinal trigeminal and lateral reticular nuclei in the cat. Walberg F, et al. **Brain Res** 1985 Apr 29;333(1):123-30

Organization of projections from the principal sensory trigeminal nucleus to the hypoglossal nucleus in the rat: an experimental light and electron microscopic study with axonal tracer techniques. Aldes LD, et al. **Exp Brain Res** 1985;59(1):16-29

Cerebellar and olivary projections of the external and rostral internal cuneate nuclei in the cat. Gerrits NM, et al. **Exp Brain Res** 1985;57(2):239-55

Projections of the bed nucleus of the stria terminalis to the mesencephalon, pons, and medulla oblongata in the cat. Holstege G, et al. **Exp Brain Res** 1985;58(2):379-91

Projections from the nuclei prepositus hypoglossi and intercalatus to the superior colliculus in the cat: an anatomical study using WGA-HRP. Stechison MT, et al. **Exp Brain Res** 1985;59(1):139-50

The medullary projection from the mesencephalic trigeminal nucleus. An experimental study with comments on the intrinsic trigeminal connections. Walberg F, et al. **Exp Brain Res** 1984;56(2):377-83

The structure of the mammalian area postrema. Brizzee KR, et al. **Fed Proc** 1984 Dec;43(15):2944-8

Neuronal connections of the area postrema. Leslie RA, et al. **Fed Proc** 1984 Dec;43(15):2941-3 (40 ref.)

Structure and topography of the solitary tract nucleus in sagittal sections. Kubasik A. **Folia Morphol** 1984;43(4):387-93

Central projections from cat suboccipital muscles: a study using transganglionic transport of horseradish peroxidase. Bakker DA, et al. **J Comp Neurol** 1984 Sep 20;228(3):409-21

Rat medulla oblongata. I. Cytoarchitectonic considerations. Kalia M, et al. **J Comp Neurol** 1985 Mar 15;233(3):285-307

Primary afferent projections of the major splanchnic nerve to the spinal cord and gracile nucleus of the cat. Kuo DC, et al. **J Comp Neurol** 1985 Jan 22;231(4):421-34

The central neural connections of the area postrema of the rat. Shapiro RE, et al. **J Comp Neurol** 1985 Apr 15;234(3):344-64

Projections to the cardioinhibitory region of the nucleus ambiguus of rat. Stuesse SL, et al. **J Comp Neurol** 1984 Oct 20;229(2):271-8

Identification of stapedius muscle motoneurons in squirrel monkey and bush baby. Thompson GC, et al. **J Comp Neurol** 1985 Jan 8;231(2):270-9

Central distribution of efferent and afferent components of the pudendal nerve in macaque monkeys. Ueyama T, et al. **J Comp Neurol** 1985 Feb 22;232(4):548-56

Ultrastructural investigation on the myelinated fibres in toad medulla oblongata during metamorphosis. Del Grande P, et al. **J Hirnforsch** 1985;26(1):23-31

Does the interstitial nucleus of cajal project to the hypoglossal nucleus in the rat? Aldes LD, et al. **J Neurosci Res** 1984;12(4):553-61

Postsynaptic fibers reaching the dorsal column nuclei in the rat. de Pommery J, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):319-23

Central projection of the sensory component of the rat recurrent laryngeal nerve. Hisa Y, et al. **Neurosci Lett** 1985 Apr 9;55(2):185-90

The frontal eye field projects to the nucleus prepositus hypoglossi in the monkey. Leichnetz GR. **Neurosci Lett** 1985 Mar 15;54(2-3):185-8

Trigeminal primary afferent neurons projecting directly to the solitary nucleus in the cat: a transganglionic and retrograde horseradish peroxidase study. Nomura S, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):257-62

Distribution of premotor neurons for the hypoglossal nucleus in the cat. Takada M, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):141-6

Afferent projections to the nucleus cuneiformis in the rat. Zemlan FP, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):103-9

Climbing fiber projection to the turtle cerebellum: longitudinally oriented terminal zones within the basal third of the molecular layer. Künzle H. **Neuroscience** 1985 Jan;14(1):159-68

Projections from the diencephalon and mesencephalon to nucleus paragigantocellularis lateralis in the cat. Lovick TA. **Neuroscience** 1985 Mar;14(3):853-61

[New data on the organization of descending hypothalamic pathways obtained by the method of double retrograde labeling of neurons with fluorochromes] Doroshenko NZ, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):232-6 **(Rus)**

BLOOD SUPPLY

[Arteries of the vertebrobasilar system and their supply to the medulla oblongata and pons] Zhang ET. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr;17(2):78-82 (Eng. Abstr.) **(Chi)**

[Bilateral infarction of the lateral area of the medulla. Semeiologic and pathologic aspects of a rare anatomo-clinical case occurrence] De Smet Y, et al. **Acta Neurol Belg** 1985 May-Jul;85(3):137-49 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Neurons of the A1/A2 region in the guinea pig medulla oblongata containing glucagon, glicentin, and dopamine-beta-hydroxylase immunoreactivity. Triepel J, et al. **Anat Embryol (Berl)** 1984;170(3):239-45

Functional differentiation of hypoglossal motoneurons during the amygdaloid or cortically induced rhythmical jaw and tongue movements in the rat. Kaku T. **Brain Res Bull** 1984 Jul;13(1):147-54

Distribution of NT-IR perikarya in the brain of the guinea pig with special reference to cardiovascular centers in the medulla oblongata. Triepel J, et al. **Histochemistry** 1984;81(6):509-16

Rat medulla oblongata. IV. Topographical distribution of catecholaminergic neurons with quantitative three-dimensional computer reconstruction. Kalia M, et al. **J Comp Neurol** 1985 Mar 15;233(3):350-64

Rat medulla oblongata. III. Adrenergic (C1 and C2) neurons, nerve fibers and presumptive terminal processes. Kalia M, et al. **J Comp Neurol** 1985 Mar 15;233(3):333-49

The ultrastructure and synaptic connections of the spinal terminations from single, physiologically characterized axons descending in the dorsolateral funiculus from the midline, pontomedullary region. Light AR, et al. **J Comp Neurol** 1985 Apr 22;234(4):549-60

The spinal terminations of single, physiologically characterized axons originating in the pontomedullary raphe of the cat. Light AR. **J Comp Neurol** 1985 Apr 22;234(4):536-48

Chemosensitive neurons within the area postrema of the rat. Adachi A, et al. **Neurosci Lett** 1985 Apr 9;55(2):137-40

Adrenergic neurons in human brain demonstrated by immunohistochemistry with antibodies to phenylethanolamine-N-methyltransferase (PNMT): discovery of a new group in the nucleus tractus solitarius. Kitahama K, et al. **Neurosci Lett** 1985 Feb 4;53(3):303-8

[Neuronal organization of the sympathetic system-activating structures of the ventro-lateral surface of the medulla oblongata] Lebedev VP, et al. **Fiziol Zh SSSR** 1984 Jun;70(6):761-72 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Bilateral midbrain transections block the behavioral effects of cholecystokinin on feeding and exploration in rats. Crawley JN, et al. **Brain Res** 1984 Nov 26;322(2):316-21

Cardiorespiratory effects produced by application of L-glutamic and kainic acid to the ventral surface of the cat hindbrain. Gatti PJ, et al. **Brain Res** 1985 Mar 18;330(1):21-9

Modulation of the GABA receptor complex by a steroid anaesthetic. Harrison NL, et al. **Brain Res** 1984 Dec 10;323(2):287-92

Inhibitory action of adrenocorticotrophin on rat arcuate neurons in vitro. Herbison AE, et al. **Brain Res** 1985 Feb 18;327(1-2):375-8

Spinal monoamine and opiate systems partly mediate the antinociceptive effects produced by glutamate at brainstem sites. Jensen TS, et al. **Brain Res** 1984 Nov 12;321(2):287-97

Blockade of cholinergic receptors in the C1 area abolishes hypertensive response to opiates in the A1 area of the ventrolateral medulla. Punnen S, et al. **Brain Res** 1985 Jun 10;336(1):180-6

D-glucose anomers in the nucleus of the vagus nerve can depress gastric motility of rats. Sakaguchi T, et al. **Brain Res** 1985 Apr 22;332(2):390-3

Effects of enkephalin and 5-hydroxytryptamine on solitary tract neurones involved in respiration and respiratory reflexes. Sessle BJ, et al. **Brain Res** 1985 Feb 18;327(1-2):221-30

LH-RH analogue acts as substance P antagonist by inhibiting spinal cord vasomotor responses. Takano Y, et al. **Brain Res** 1985 Jul 1;337(2):357-61

A role for central angiotensin in regulation of blood pressure at the nucleus tractus solitarius. Casto R, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1933-7

Evidence for a modulation by neuropeptide Y of the alpha-2 adrenergic transmission line in central adrenaline synapses. New possibilities for treatment of hypertensive disorders. Fuxe K, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1951-6

Ventrolateral medullary respiratory neurons and peripheral chemoreceptor stimulation by almitrine. Laubie M, et al. **Eur J Pharmacol** 1984 Jul 20;102(3-4):437-42

Ethanol depresses inferior olive neurones and reduces Purkinje cell complex spike activity evoked by cerebral cortical stimulation. Harris DP, et al. **Gen Pharmacol** 1984;15(6):455-9

Cardiovascular effects of intracisternal 6-hydroxydopamine and of subsequent lesions of the ventrolateral medulla coinciding with the Al group of noradrenaline cells in the rabbit. Elliott JM, et al. **J Auton Nerv Syst** 1985 Feb-Mar;12(2-3):117-30

Vasopressin-induced pressor responses following microinjection of kainic acid into the nucleus tractus solitarii of the rat. Kubo T, et al. **Jpn J Pharmacol** 1984 Sep;36(1):118-20

Antitussive potencies of l- and d-opiates and their inhibition of codeine binding. Chau TT, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:77-84

Evidence for a capsaicin-sensitive vasomotor mechanism in the ventral medullary chemosensitive area of the cat. Jancsó G, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Mar;329(1):56-62

Tetrodotoxin elevates arterial pressure but not plasma vasopressin when injected into the caudal ventrolateral medulla of the rabbit. Blessing WW, et al. **Neurosci Lett** 1985 Feb 4;53(3):259-62

Haemodynamic effects of arginine-vasopressin microinjections into the nucleus tractus solitarius: a comparative study of vasopressin, a selective vasopressin receptor agonist and antagonist, and oxytocin. Vallejo M, et al. **Neurosci Lett** 1984 Dec 21;52(3):247-52

Effects of glutamate, substance P and eledoisin-related peptide on solitary tract neurones involved in respiration and respiratory reflexes. Henry JL, et al. **Neuroscience** 1985 Mar;14(3):863-73

[Effects of NRGC-lesion on the rates of the development of morphine tolerance and dependence in rats] Kishioka S, et al. **Nippon Yakurigaku Zasshi** 1985 Jun;85(6):467-80 (Eng. Abstr.) **(Jpn)**

[Effect of beta-endorphin, enkephalins and their synthetic analogs on the neuronal electrical activity of the respiratory center in the medulla oblongata] Iasnetsov VV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):687-90 (Eng. Abstr.) **(Rus)**

[Effects of microinjections of GABA into structures of the medulla oblongata on cardio- and hemodynamics indices] Shapoval LN, et al. **Fiziol Zh** 1985 Mar-Apr;31(2):219-23 **(Rus)**

[Effect of microiontophoretic exposure to H+ and HCO3(-) on the bioelectric activity and redox status of the neurons in bulbar chemosensitive areas] Piatin VF, et al. **Fiziol Zh SSSR** 1984 Oct;70(10):1442-7 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Distribution of simple esterase in the nuclei and fiber tracts of the medulla oblongata of squirrel (Funambulus palmarum). Bhatt DK. **Acta Morphol Neerl Scand** 1984 Dec;22(4):279-87

Glutamic acid decarboxylase immunoreactivity is present in perikarya of neurons in nucleus tractus solitarius of rat. Blessing WW, et al. **Brain Res** 1984 Nov 26;322(2):346-50

Neurochemical studies of the nucleus of the solitary tract, dorsal motor nucleus of the vagus and the hypoglossal nucleus in rat: topographical distribution of glutamate uptake, GABA uptake and glutamic acid decarboxylase activity. Simon JR, et al. **Brain Res Bull** 1985 Jan;14(1):49-53

Histoenzymological circuits involving nuclei of medulla oblongata of golden hamster (Mesocricetus auratus)--a topographical and functional evaluation of acetylcholinesterase activity. Tewari HB, et al. **Cell Mol Biol** 1985;31(2):97-115

Cytochemical localization of alkaline phosphatase in the ependyma of the rat medulla oblongata. Yoshioka T, et al. **Cell Tissue Res** 1985;241(2):415-20

Rat medulla oblongata. II. Dopaminergic, noradrenergic (A1 and A2) and adrenergic neurons, nerve fibers, and presumptive terminal processes. Kalia M, et al. **J Comp Neurol** 1985 Mar 15;233(3):308-32

Distribution of GABA-T-intensive neurons in the rat hindbrain. Nagai T, et al. **J Comp Neurol** 1985 Jan 8;231(2):260-9

Effects of sinoaortic baroreceptor denervation on blood pressure and PNMT activity in medulla oblongata and spinal cord of normotensive and genetically hypertensive rats. Minson JB, et al. **J Hypertens** 1985 Feb;3(1):81-7

Glutamic acid decarboxylase-containing neurons in the dorsal column nuclei of the cat. Rustioni A, et al.

Somatosens Res 1984;1(4):329-57

[Functional activity of the structures of the medulla oblongata in rats with arterial hypertension of renal origin (histoenzymological research)] Galust'ian GE. **Biull Eksp Biol Med** 1985 Jul;100(7):108-11 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Co-localization of substance P- and phenylethanolamine-N-methyltransferase-like immunoreactivity in neurons of ventrolateral medulla that project to the spinal cord: potential role in control of vasomotor tone. Lorenz RG, et al. **Neurosci Lett** 1985 Apr 19;55(3):255-60

INJURIES

Nucleus tractus solitarius lesions elevate pulmonary arterial pressure and lymph flow. Darragh TM, et al. **Ann Neurol** 1985 Jun;17(6):565-9

The injury response of nerve fibres in the anterior medullary velum of the adult rat. McConnell P, et al. **Brain Res** 1984 Dec 10;323(2):257-68

METABOLISM

Autoradiographic localization of 3H-digoxin binding by neural cells in the medulla. Traurig HH, et al. **Anat Rec** 1985 Jan;211(1):87-95

Fatty acid incorporation increases the affinity of muscarinic cholinergic receptors for agonists. Baron B, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):342-50

Enkephalin-like immunoreactivity in rat area postrema: ultrastructural localization and coexistence with serotonin. Armstrong DM, et al. **Brain Res** 1984 Sep 24;310(2):269-78

An anterograde-retrograde transneuronal transport of conjugates of wheat germ agglutinin with horseradish peroxidase (WGA-HRP): labeling of neurons in the reticular nucleus of the thalamus with WGA-HRP injected into the posterior column nuclei in the cat. Itoh K, et al. **Brain Res** 1984 Dec 3;323(1):185-7

Distribution of neurophysin II immunoreactive nerve fibers within the subnuclei of the nucleus of the tractus solitarius of the rat. Kalia M, et al. **Brain Res** 1984 Oct 29; 321(1):71-82

Synaptic interaction between catecholaminergic neurons and substance P-immunoreactive axons in the caudal part of the nucleus of the solitary tract of the rat: demonstration by the electron microscopic mirror technique. Kubota Y, et al. **Brain Res** 1985 Apr 29;333(1):188-92

Immunohistochemistry of gamma-aminobutyric acid in the cat nucleus tractus solitarius. Maley B, et al. **Brain Res** 1985 Mar 25;330(2):364-8

Immunohistochemical evidence for the coexistence of calcitonin gene-related peptide- and choline acetyltransferase-like immunoreactivity in neurons of the rat hypoglossal, facial and ambiguus nuclei. Takami K, et al. **Brain Res** 1985 Mar 4;328(2):386-9

Substance P-immunoreactive processes on 5HT/SP-immunoreactive medullary cells. Hancock MB. **Brain Res Bull** 1984 Oct;13(4):559-63

Amines and other transmitter-like compounds in the bovine area postrema. Leslie RA, et al. **Brain Res Bull** 1984 Sep; 13(3):357-62

Distribution of FMRF-NH2-like immunoreactivity in rat and cat area postrema. Newton BW, et al. **Brain Res Bull** 1984 Sep;13(3):391-9

Regulation of glycine receptor binding in the mouse hypoglossal nucleus in response to axotomy. Rotter A, et al. **Brain Res Bull** 1984 Oct;13(4):487-92

Evidence of an endogenous Ang II system in the rat nucleus tractus solitarius. Healy DP, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1743-7

Ultrastructural localization of monoamines and peptides in rat area postrema. Pickel VM, et al. **Fed Proc** 1984 Dec; 43(15):2949-51

Immunohistochemical study of the catecholaminergic systems in the lower brain stem of the human infant. Robert O, et al. **Hum Neurobiol** 1984;3(4):229-34

Ventral medullary pH and ventilatory responses to hyperperfusion and hypoxia. Neubauer JA, et al. **J Appl Physiol** 1985 May;58(5):1659-68

Rate constants of agonist binding to muscarinic receptors in rat brain medulla. Evaluation by competition kinetics. Schreiber G, et al. **J Biol Chem** 1985 Jul 25; 260(15):8795-802

Immunoreactive pro-enkephalin and prodynorphin products are differentially distributed within the nucleus of the solitary tract of the rat. Lee HS, et al. **J Comp Neurol** 1984 Dec 20;230(4):614-9

The ultrastructural localization of enkephalin and substance P immunoreactivities in the nucleus tractus solitarii of the cat. Maley BE. **J Comp Neurol** 1985 Mar 22;233(4):490-6

Monoamine distribution on the ventral surface of the rat medulla oblongata. Smiałowska M, et al. **J Neural Transm** 1985;63(1):13-29

Respiratory effects of carbon dioxide-induced changes of medullary extracellular fluid pH in cats. Eldridge FL, et al. **J Physiol (Lond)** 1984 Oct;355:177-89

Urea-induced myoclonus: medullary glycine antagonism as mechanism of action. Chung E, et al. **Life Sci** 1985 Mar 18;36(11):1051-8

Postnatal development of beta-endorphin immunoreactivity in the medulla oblongata of rat. Alessi NE, et al. **Neuropeptides** 1985 Feb;5(4-6):473-6

Colocalization of immunoreactive proenkephalin and prodynorphin products in medullary neurons of the rat. Guthrie J, et al. **Neuropeptides** 1984 Nov;4(6):437-45

Evidence for the existence of putative dopamine-, adrenaline- and noradrenaline-containing vagal motor neurons in the brainstem of the rat. Kalia M, et al. **Neurosci Lett** 1984 Sep 7;50(1-3):57-62

Light and electron microscopic localization of glutamic acid decarboxylase and substance P in the dorsal column nuclei of the cat. Westman J, et al. **Neurosci Lett** 1984 Oct 26; 51(3):347-52

The localization of adrenoceptors and opiate receptors in regions of the cat central nervous system involved in cardiovascular control. Dashwood MR, et al. **Neuroscience** 1985 Jun;15(2):537-51

Effects of spinal lesions on substance P levels in the rat sympathetic preganglionic cell column: evidence for local spinal regulation. Davis BM, et al. **Neuroscience** 1984 Dec; 13(4):1311-26

A serotonin-containing pathway from the area postrema to the parabrachial nucleus in the rat. Lança AJ, et al. **Neuroscience** 1985 Apr;14(4):1117-26

Distribution of six neuropeptides in the nucleus tractus solitarii of the rat: an immunohistochemical analysis. Yamazoe M, et al. **Neuroscience** 1984 Dec;13(4):1243-66

The roles of medullary extracellular and cerebrospinal fluid pH in control of respiration. Kiley JP, et al. **Respir Physiol** 1985 Feb;59(2):117-30

PATHOLOGY

The glial reaction in the course of axon regeneration: a stereological study of the rat hypoglossal nucleus. Reisert I, et al. **J Comp Neurol** 1984 Oct 10;229(1):121-8

[Basilar impression combined with Arnold-Chiari malformation and syringobulbia--M.R.I. (magnetic resonance image, N.M.R.) diagnosis] Hatayama R, et al. **Nippon Ganka Gakkai Zasshi** 1985 May;89(5):654-9 (Eng. Abstr.) **(Jpn)**

[Cellular reaction of the area postrema of the medulla oblongata to experimental alloxan diabetes] Gusev AA. **Biull Eksp Biol Med** 1984 Dec;98(12):753-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The effects of pontine or bulbar transection on the respiratory pattern in the rabbit. Gromysz H. **Acta Neurobiol Exp (Warsz)** 1984;44(6):239-47

Cardiovascular neurons of brain stem with projections to spinal cord. Brown DL, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1009-16

Chemoreceptor and baroreceptor inputs to ventrolateral medullary neurons. Caverson MM, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R872-9

Subfornical organ stimulation excites paraventricular neurons projecting to dorsal medulla. Ferguson AV, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1088-92

Influence of central chemoreceptor afferent inputs on respiratory muscle activity. Haxhiu MA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R266-73

Rat brainstem neurons responsive to changes in portal blood sodium concentration. Kahrilas PJ, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R792-9

Multiple roles of nucleus reticularis gigantocellularis in physiologic and pharmacologic regulation of cardiovascular functions. Chan JY, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):158-67

Synaptic responses of neurons of the nucleus tractus solitarius in vitro. Champagnat J, et al. **Brain Res** 1985 Jan 28; 325(1-2):49-56

Estimation of conduction velocity in bulbospinal excitatory pathways to sympathetic outflows in cat spinal cord. Coote JH, et al. **Brain Res** 1984 Oct 8;311(1):97-107

Time course of miniature postsynaptic potentials at the Mauthner fiber giant synapse of the hatchetfish. Day JW, et al. **Brain Res** 1985 Jan 28;325(1-2):115-28

Firing pattern of neurons in the nucleus tractus solitarius: modulation by membrane hyperpolarization. Dekin MS, et al. **Brain Res** 1984 Dec 17;324(1):180-4

The response of neurons of the medial pontomedullary reticular formation of rats to peripheral thermal stimuli. Farham CJ, et al. **Brain Res** 1985 Jun 10;336(1):107-15

Postsynaptic currents at the Mauthner fiber giant synapse of the hatchetfish. Huse WD, et al. **Brain Res** 1985 Jan 28;325(1-2):129-41

Connections of neurons in the region of the nucleus tractus solitarius with the hypothalamic paraventricular nucleus: their possible involvement in neural control of the cardiovascular system in rats. Kannan H, et al. **Brain Res** 1985 Mar 11;329(1-2):205-12

Interaction between descending paraventricular neurons and vagal motor neurons. Lawrence D, et al. **Brain Res** 1985 Apr 15;332(1):158-60

Vasodilator and vasoconstrictor neurones of the ventrolateral medulla in the cat. Lovick TA, et al. **Brain Res** 1985 Apr 8;331(2):353-7

Evidence for a serotonergically mediated sympathoexcitatory response to stimulation of medullary raphe nuclei. McCall RB. **Brain Res** 1984 Oct 8;311(1):131-9

Single unit activity in lateral reticular nucleus during cortically evoked masticatory movements in rabbits. Marini G, et al. **Brain Res** 1985 Jul 1;337(2):287-92

Projection of phrenic afferents to the external cuneate nucleus in the cat. Marlot D, et al. **Brain Res** 1985 Feb 18;327(1-2):328-30

Pontomedullary raphe neurons: monosynaptic excitation from midbrain sites that suppress the jaw opening reflex. Mason P, et al. **Brain Res** 1985 Mar 11;329(1-2):384-9

Separation of the medullo-spinal descending pathway for somatic and autonomic outflow in the cat. Miyazawa T, et al. **Brain Res** 1985 May 20;334(2):297-302

Segregation of electroreceptive and mechanoreceptive lateral line afferents in the hindbrain of chondrostean fishes. New JG, et al. **Brain Res** 1985 Jun 10;336(1):89-98

Newly identified GABAergic neurons in regions of the ventrolateral medulla which regulate blood pressure. Ruggiero DA, et al. **Brain Res** 1985 Jul 22;339(1):171-7

Enhancement of respiratory response to carbon dioxide produced by lesioning caudal regions of the nucleus of the tractus solitarius. Sinclair JD, et al. **Brain Res** 1985 Jun 17;336(2):318-20

The relationship between cross-correlation measures and underlying synaptic events. Surmeier DJ, et al. **Brain Res** 1985 Apr 1;331(1):180-4

Caudal cuneate nucleus projection to the direct thalamic relay to motor cortex in cat: an electrophysiological and anatomical study. Tamai Y, et al. **Brain Res** 1984 Dec 10; 323(2):360-4

Inputs from the A1 noradrenergic region to hypothalamic paraventricular neurons in the rat. Tanaka J, et al. **Brain Res** 1985 Jun 3;335(2):368-71

The action of the A1 noradrenergic region on phasically firing neurons in the rat paraventricular nucleus. Tanaka J, et al. **Brain Res** 1984 Sep 17;310(1):138-41

Catecholaminergic activity of the baroreceptor areas of the brain in response to bilateral dorsolateral transection of medulla oblongata in rats. Zukowska-Grojec Z, et al. **Brain Res** 1985 Jan 28;325(1-2):231-40

Effect of vagotomy on cholinergic parameters in nuclei of rat medulla oblongata. Hoover DB, et al. **Brain Res Bull** 1985 Jul;15(1):5-11

Interstitial nucleus of Cajal (INC) projections to the region of Probst's tract. Skinner RD, et al. **Brain Res Bull** 1984 Nov;13(5):613-21

Caudal ventrolateral medulla can alter vasopressin and arterial pressure. Sved AF, et al. **Brain Res Bull** 1985 Mar; 14(3):227-32

Lesions of the ventrolateral medulla in normal and vasopressin-deficient (Brattleboro) rats. Minson JB, et al. **Clin Exp Pharmacol Physiol** 1984 Jul-Aug;11(4):427-30

Auditory input to a vocal nucleus in the frog Rana pipiens: hormonal and seasonal effects. Aitken PG, et al. **Exp Brain Res** 1984;57(1):33-9

Long term modification of cerebellar inhibition after inferior olive degeneration. Batini C, et al. **Exp Brain Res** 1985; 59(2):404-9

Identification of the medullary swallowing regions in the rat. Kessler JP, et al. **Exp Brain Res** 1985;57(2):256-63

Short-latency interactions among dorsomedial medullary inspiratory neurons in the cat. Graham K, et al. **Exp Neurol** 1985 Jun;88(3):726-41

Excitatory projections from hypothalamic and midbrain defense regions to nucleus paragigantocellularis lateralis in the rat. Li P, et al. **Exp Neurol** 1985 Sep;89(3):543-53

Response of phasically firing paraventricular neurons to A1 noradrenergic region stimulation and its attenuation by adrenoceptor antagonists. Tanaka J, et al. **Exp Neurol** 1985 Jun;88(3):714-25

Participation of the area postrema in cardiovascular control in the dog. Barnes KL, et al. **Fed Proc** 1984 Dec; 43(15):2959-62

History and status of the area postrema. Borison HL. **Fed Proc** 1984 Dec;43(15):2937-40

Area postrema: part of the autonomic circuitry of caloric homeostasis. Contreras RJ, et al. **Fed Proc** 1984 Dec; 43(15):2966-8

Area postrema and adjacent solitary nucleus in water and energy balance. Miselis RR, et al. **Fed Proc** 1984 Dec; 43(15):2969-71

Localization of neurally mediated arrhythmogenic and coronary vasoconstrictor properties of digitalis. Somberg JC. **Fed Proc** 1984 Dec;43(15):2963-5

Coding of amplitude-modulated tones in the central auditory system of catfish. Plassmann W. **Hear Res** 1985 Mar; 17(3):209-17

Bulbospinal serotonin pressor pathways and hypotensive action of methyldopa in the rat. Chalmers JP, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II16-21

Evidence for the presence of osmoreceptors in medulla of the dog. Srivastava YP, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):10-4

Characterization by stimulation of medullary mechanisms underlying gasping neurogenesis. St. John WM, et al. **J Appl Physiol** 1985 Jan;58(1):121-8

Differential effects of CO2 and H+ as central stimuli of respiration in the cat. Shams H. **J Appl Physiol** 1985 Feb; 58(2):357-64

Projection of the hepatic vagal nerve in the medulla oblongata. Adachi A. **J Auton Nerv Syst** 1984 May-Jun; 10(3-4):287-93

Blood pressure control by neurotransmitters in the medulla oblongata and spinal cord. Howe PR.

J Auton Nerv Syst 1985 Feb–Mar;12(2–3):95–115

Spinal cord substance P mediates bicuculline-induced activation of cardiovascular responses from the ventral medulla. Keeler JR, et al. **J Auton Nerv Syst** 1985 May; 13(1):19–33

Split medulla preparation in the cat: arterial chemoreceptor reflex and respiratory modulation of the renal sympathetic nerve activity. Kubin L, et al. **J Auton Nerv Syst** 1985 Feb–Mar;12(2–3):211–25

Regional hemodynamic effects of changes in PaCO2 in the vagotomized, sino-aortic de-afferented rat. Lioy F, et al. **J Auton Nerv Syst** 1985 Apr;12(4):301–13

Reflex control of the autonomic nervous system activity from the glucose sensors in the liver in normal and midpontine-transected animals. Niijima A. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):279–85

Neural network of glucose monitoring system. Oomura Y, et al. **J Auton Nerv Syst** 1984 May–Jun;10(3–4):359–72 (372 ref.)

Vagal afferent stimulation-evoked gastric secretion suppressed by paraventricular nucleus lesion. Rogers RC, et al. **J Auton Nerv Syst** 1985 Jul;13(3):191–9

Brain-stem mechanisms governing resting and reflex tone of precapillary vessels. Reis DJ. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S160–6 (28 ref.)

The central projection of muscle afferent fibres to the lower medulla and upper spinal cord: an anatomical study in the cat with the transganglionic transport method. Nyberg G, et al. **J Comp Neurol** 1984 Nov 20;230(1):99–109

Cardiac performance in the conscious rabbit with acute hypertension following brainstem lesions coinciding with the A1 group of catecholamine neurons. Aylward PE, et al. **J Hypertens** 1984 Aug;2(4):379–86

Axonal projection patterns of ventrolateral medullospinal sympathoexcitatory neurons. Barman SM, et al. **J Neurophysiol** 1985 Jun;53(6):1551–66

Projection from dorsal column nuclei to dorsal mesencephalon. Cooper LL, et al. **J Neurophysiol** 1985 Jan; 53(1):183–200

Axonal projections of single bulbospinal inspiratory neurons revealed by spike-triggered averaging and antidromic activation. Dick TE, et al. **J Neurophysiol** 1985 Jun; 53(6):1590–603

Convergence of hepatic osmoreceptive inputs on sodium-responsive units within the nucleus of the solitary tract of the rat. Kobashi M, et al. **J Neurophysiol** 1985 Aug;54(2):212–9

Interactions between rostral pontine and ventral medullary respiratory neurons. Segers LS, et al **J Neurophysiol** 1985 Aug;54(2):318–34

Response properties and functional organization of neurons in midline region of medullary reticular formation of cats. Yen CT, et al. **J Neurophysiol** 1984 Nov;52(5):961–79

Kappa opioid receptors modulate cardiorespiratory function in hindbrain nuclei of rat. Hassen AH, et al. **J Neurosci** 1984 Sep;4(9):2213–21

Monosynaptic inhibition of phrenic motoneurons: a long descending projection from Bötzinger neurons. Merrill EG, et al. **J Neurosci** 1984 Sep;4(9):2350–3

Cardiovascular control by cholinergic mechanisms in the rostral ventrolateral medulla. Willette RN, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):457–63

Post-synaptic activity evoked in the nucleus tractus solitarius by carotid sinus and aortic nerve afferents in the cat. Donoghue S, et al. **J Physiol (Lond)** 1985 Mar;360:261–73

Respiratory responses to medullary hydrogen ion changes in cats: different effects of respiratory and metabolic acidoses. Eldridge FL, et al. **J Physiol (Lond)** 1985 Jan; 358:285–97

Efflux of 5-hydroxytryptamine and noradrenaline into spinal cord superfusates during stimulation of the rat medulla. Hammond DL, et al. **J Physiol (Lond)** 1985 Feb;359:151–62

An increase in cerebral blood flow elicited by electrical stimulation of the solitary nucleus in rats with cervical cordotomy and vagotomy. Nakai M. **Jpn J Physiol** 1985; 35(1):57–70

Neurophysiological data regarding motor pattern generation in the medulla oblongata of toads. Ewert JP, et al. **Naturwissenschaften** 1984 Nov;71(11):590–1

Caudal ventrolateral medulla. A region responsible for the mediation of vasopressin-induced pressor responses. Kubo T, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Feb; 328(4):365–72

Differential respiratory patterns induced by opioids applied to the ventral medullary and dorsal pontine surfaces of cats. Hurlé MA, et al. **Neuropharmacology** 1985 Jul; 24(7):597–606

Cardiovascular response to injections of enkephalin in the pressor area of the ventrolateral medulla. Punnen S, et al. **Neuropharmacology** 1984 Aug;23(8):939–46

Impulse activity of medulla oblongata in rats in response to stimulation of taste receptors and visceral chemoreceptors. Vasilevskaya NE, et al. **Neurosci Behav Physiol** 1985 May–Jun;15(3):247–53

Paraventricular neurosecretory neurons: synaptic inputs from the ventrolateral medulla in rats. Kannan H, et al. **Neurosci Lett** 1984 Oct 12;51(2):183–8

Central determination of recruitment order: intracellular study of phrenic motoneurons. Monteau R, et al. **Neurosci Lett** 1985 May 23;56(3):341–6

Vasopressin antagonist in nucleus tractus solitarius/vagal area reduces pressor and tachycardia responses to paraventricular nucleus stimulation in rats. Pittman QJ, et al. **Neurosci Lett** 1985 May 14;56(2):155–60

Two types of rostroventral medulla neurons projecting to the trigeminal spinal nucleus as differentiated by the response to antidromic activation and the histological location. Watabe K, et al. **Neurosci Res** 1985 Feb;2(3):205–9

Medullary locomotor strip and column in the cat. Selionov VA, et al. **Neuroscience** 1984 Dec;13(4):1267–78

Ventrolateral medullary lesions block the antinociceptive and cardiovascular responses elicited by stimulating the dorsal periaqueductal grey matter in rats. Lovick TA. **Pain** 1985 Mar;21(3):241–52

Descending projections from the ventrolateral medulla and cardiovascular control. Lovick TA. **Pflugers Arch** 1985 May;404(2):197–202

Electrical stimulation of arterial and central chemosensory afferents at different times in the respiratory cycle of the cat: II. Responses of respiratory muscles and their motor nerves. Marek W, et al. **Pflugers Arch** 1985 Apr; 403(4):422–8

Medullary respiratory-related neurons with axonal connections to rostral pons and their function in termination of inspiration. Schmid K, et al. **Pflugers Arch** 1985 Jan;403(1):58–65

Diet selection following area postrema/nucleus of the solitary tract lesions. Kenney NJ, et al. **Physiol Behav** 1984 May; 32(5):749–53

Area postrema lesions cause overconsumption of palatable foods but not calories. Ritter RC, et al. **Physiol Behav** 1984 Jun;32(6):923–7

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the pons and medulla. Ross GS, et al. **Physiol Behav** 1984 Aug;33(2):201–8

Effects of carotid chemoreceptor excitation on medullary expiratory neurons in cats. Lipski J, et al. **Respir Physiol** 1984 Sep;57(3):279–91

Effect of graded cooling of intermediate areas on respiratory response to vagal input. Millhorn DE, et al. **Respir Physiol** 1984 Oct;58(1):51–64

Differentiation of two respiratory areas in the cat medulla using kainic acid. Morin-Surun MP, et al. **Respir Physiol** 1984 Dec;58(3):323–34

Non-vagal reflex effects on medullary inspiratory neurons during inspiratory loading. Shannon R, et al. **Respir Physiol** 1985 May;60(2):193–204

The corticocuneate pathway in the cat: relations among terminal distribution patterns, cytoarchitecture, and single neuron functional properties. Cheema S, et al. **Somatosens Res** 1983;1(2):169–205

Effect of microstimulation of movement-evoking cortical foci on the activity of neurons on the dorsal column nuclei. Giuffrida R, et al. **Somatosens Res** 1985;2(3):237–47

Electrophysiology of raccoon cuneocerebellar neurons. Haring JH, et al. **Somatosens Res** 1984;1(3):247–64

Response properties of raccoon cuneothalamic neurons. Rowinski MJ, et al. **Somatosens Res** 1985;2(3):263–80

[Peripheral autonomic (nonrespiratory) effects of the stimulation of posterior cerebral fossa structures: neurophysiological and neuropharmacological aspects] Montastruc JL, et al. **Agressologie** 1985 May;26(5):419–22 (Eng. Abstr.) **(Fre)**

[Influence of the sensorimotor cortex on single neurons of the nucleus gracilis in the cat] Giuffrida R, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2111–8 (Eng. Abstr.) **(Ita)**

[Central neuronal mechanisms responsible for pattern generation of masticatory movements] Nakamura Y. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):1–15 (57 ref.) **(Jpn)**

[Functional relationship between chemosensitive substrates (intermediate area) and respiratory neurons in the nucleus retroambigualis in cats] Goto K. **No To Hattatsu** 1984 Nov; 16(6):427–34 (Eng. Abstr.) **(Jpn)**

[Electrophysiological characteristics of the bulbar respiratory neurons] Zhigaĭlo TL, et al. **Fiziol Zh** 1984 Nov–Dec; 30(6):660–7 (Eng. Abstr.) **(Rus)**

[Responses of different hypothalamic structures to stimulation of the viscero-caudal region of the nucleus of a the solitary tract of the medulla oblongata] Baklavadzhian OG, et al. **Fiziol Zh SSSR** 1984 Aug;70(8):1100–7 (Eng. Abstr.) **(Rus)**

[Effect of medullary chemosensitive structures on vascular neurogenic tonus] Kul'chitskii VA, et al. **Fiziol Zh SSSR** 1985 May;71(5):569–74 (Eng. Abstr.) **(Rus)**

[Effect of the limbic cortex and hypothalamus on the activity of the medullary respiratory neurons] Nersesian LB. **Fiziol Zh SSSR** 1985 Mar;71(3):304–9 (Eng. Abstr.) **(Rus)**

[Bulbar chemoreceptors of respiration] Peskov BIa, et al. **Fiziol Zh SSSR** 1985 Mar;71(3):293–303 (45 ref.) **(Rus)**

[Frequency characteristics of central neurons of the electroreceptor system of the skate in response to exposure to electric and magnetic fields] Andrianov IuN, et al. **Neirofiziologiia** 1984;16(4):464–70 (Eng. Abstr.) **(Rus)**

[Responses of auditory neurons of the medulla oblongata of the frog to presentation of tones with sinusoidal amplitude modulation] Gorodetskaia ON, et al. **Neirofiziologiia** 1985; 17(3):390–6 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Subcortical SEPs in upper cervical cord compression. A case report. D'Alpa F, et al. **Acta Neurol (Napoli)** 1984 Aug; 6(4):304–8

Area postrema mediates tumor effects on food intake, body weight, and learned aversions. Bernstein IL, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):R296–300

Postsynaptic dorsal column pathway of the rat. II. Evidence against an important role in nociception. Giesler GJ Jr, et al. **Brain Res** 1985 Feb 11;326(2):347–56

Tail-flick related activity in medullospinal neurons. Vanegas H, et al. **Brain Res** 1984 Oct 29;321(1):135–41

Midbrain stimulation inhibits tail-flick only at currents sufficient to excite rostral medullary neurons. Vanegas H, et al. **Brain Res** 1984 Oct 29;321(1):127–33

Role of the area postrema in vomiting and related functions. Borison HL, et al. **Fed Proc** 1984 Dec;43(15):2955–8

Behavioral and electrophysiological studies of peptide-induced emesis in dogs. Carpenter DO, et al. **Fed Proc** 1984 Dec;43(15):2952–4

Vasopressin contributes to hypertension caused by nucleus tractus solitarius lesions. Sved AF, et al. **Hypertension** 1985 Mar–Apr;7(2):262–7

Axonal regeneration after crush injury of rat central nervous system fibres innervating peripheral nerve grafts. David S, et al. **J Neurocytol** 1985 Feb;14(1):1–12

Discrete lesions of the area postrema abolish radiation-induced emesis in the dog. Harding RK, et al. **Neurosci Lett** 1985 Jan 7;53(1):95–100

Cortically induced postsynaptic potentials in hypoglossal motoneurons after axotomy. Takata M, et al. **Neuroscience** 1984 Nov;13(3):855–62

The split-respiratory centre in the cat: responses to hypercapnia. Gromysz H, et al. **Respir Physiol** 1984 Aug; 57(2):225–33

The effects of hypercapnia and cooling the ventral medullary surface on capsaicin induced respiratory reflexes. Mitra J, et al. **Respir Physiol** 1985 Jun;60(3):377–85

Effects of metabolic arterial pH changes on medullary ecf pH, csf pH and ventilation in peripherally chemodenervated cats with intact blood-brain barrier. Teppema LJ, et al. **Respir Physiol** 1984 Oct;58(1):123–36

SECRETION

Release of vasopressin by electrical stimulation of the intermediate portion of the nucleus of the tractus solitarius in rats with cervical spinal cordotomy and vagotomy. Yamane Y, et al. **Brain Res** 1984 Dec 24;324(2):358–60

ULTRASTRUCTURE

Diameter of axons and thickness of myelin sheaths of the pyramidal tract fibres in the adult human medullary pyramid. Graf von Keyserlingk D, et al. **Anat Anz** 1984; 157(2):97–111

Synaptology of the hypoglossal nucleus in the rat. Boone TB, et al. **Exp Brain Res** 1984;57(1):22–32

Ultrastructure of the dorsal motor nucleus of the vagus nerve in monkey with a comparison of synaptology in monkey and cat. McLean JH, et al. **J Comp Neurol** 1985 Jan 8; 231(2):162–74

The mormyrid brainstem--III. Ultrastructure and synaptic organization of the medullary 'pacemaker' nucleus. Elekes K, et al. **Neuroscience** 1985 Jun;15(2):431–43

The mormyrid brainstem--II. The medullary electromotor relay nucleus: an ultrastructural horseradish peroxidase study. Elekes K, et al. **Neuroscience** 1985 Jun;15(2):417–29

MEDULLOBLASTOMA

Medulloblastoma: recent advances and directions in diagnosis and management--Part I. Chin HW, et al. **Curr Probl Cancer** 1984 May;8(11):4–54 (87 ref.)

ANALYSIS

Glial fibrillary acidic protein in medulloblastomas. Kumanishi T, et al. **Acta Neuropathol (Berl)** 1985;67(1–2):1–5

Polyamines in human brain tumors. A correlative study between tumor, cerebrospinal fluid and red blood cell free polyamine levels. Moulinoux JP, et al. **J Neurooncol** 1984; 2(2):153–8

Neuron-specific enolase and neurofilament protein as markers of differentiation in medulloblastoma. Velasco ME, et al. **Surg Neurol** 1985 Feb;23(2):177–82

BLOOD SUPPLY

[A case of dorsal vascular murmur after treatment of pleuritis carcinomatosa] Kubota M, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Oct; 22(10):915–9 (Eng. Abstr.) **(Jpn)**

CLASSIFICATION

A classification system for primitive neuroectodermal tumors (medulloblastoma) of the posterior fossa. Laurent JP, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1807–9

DRUG THERAPY

Adjuvant chemotherapy for medulloblastoma. McIntosh S, et al. **Cancer** 1985 Sep 15;56(6):1316–9

Combination chemotherapy in vitro exploiting glutamine metabolism of human glioma and medulloblastoma. Dranoff G, et al. **Cancer Res** 1985 Sep;45(9):4082–6

Cisplatin in medulloblastoma with extracranial metastasis: a case report. Feun LG, et al. **Cancer Treat Rep** 1984 Oct; 68(10):1307-9

Phase II evaluation of dibromodulcitol in the treatment of recurrent medulloblastoma, ependymoma, and malignant astrocytoma. Levin VA, et al. **J Neurosurg** 1984 Dec; 61(6):1063-8

[Recurrent bilateral pneumothorax in progressive lung fibrosis following combination therapy with BCNU] Vetter N, et al. **Prax Klin Pneumol** 1985 Mar;39(3):102-5 (Eng. Abstr.) **(Ger)**

[Effect of MCNU on brain tumors. Part II: Clinical experience with MCNU on malignant brain tumors] Wakabayashi T, et al. **Gan To Kagaku Ryoho** 1984 Dec; 11(12 Pt 2):2729-37 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

[Turcot's syndrome. Report of a case of familial diffuse polyposis associated with cerebral tumor] de Sanctis C, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun; 31(2):333-7 (Eng. Abstr.) **(Ita)**

[Basal cell nevus syndrome. Presentation of 2 cases. 1 associated with medulloblastoma] Balsa RE, et al. **Med Cutan Ibero Lat Am** 1985;13(1):5-11 (Eng. Abstr.) **(Spa)**

METABOLISM

Regulatory peptides in neuronal neoplasms of the central nervous system. Giangaspero F, et al. **Clin Neuropathol** 1985 May-Jun;4(3):111-5

Primitive neuroectodermal tumors including the medulloblastoma: glial differentiation signaled by immunoreactivity for GFAP is restricted to the pure desmoplastic medulloblastoma ('arachnoidal sarcoma of the cerebellum'). Herpers MJ, et al. **Clin Neuropathol** 1985 Jan-Feb;4(1):12-8

MORTALITY

Medulloblastoma. Period of risk reviewed. Latchaw JP, et al. **Cancer** 1985 Jan 1;55(1):186-9

PATHOLOGY

Medullomyoblastoma. A teratoma. Chowdhury C, et al. **Cancer** 1985 Apr 1;55(7):1495-500

A cell kinetic study on medulloblastomas. Hoshino T, et al. **Cancer** 1985 Apr 15;55(8):1711-3

Influence of glutamine on the growth of human glioma and medulloblastoma in culture. Dranoff G, et al. **Cancer Res** 1985 Sep;45(9):4077-81

In vitro versus in vivo correlations of chemosensitivity of human medulloblastoma. Friedman HS, et al. **Cancer Res** 1984 Nov;44(11):5145-9

Medulloblastoma metastatic to the marrow. Report of four cases and review of the literature. Spencer CD, et al. **J Neurooncol** 1984;2(3):223-35

Establishment of a human medulloblastoma cell line and its heterotransplantation into nude mice. Jacobsen PF, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):472-85

Evolution and outcome in malignant astroglial neoplasms of the cerebellum. Steinberg GK, et al. **J Neurosurg** 1985 Jan; 62(1):9-17

Medulloblastoma: a clinicopathological study of 42 cases. Ojeda VJ, et al. **Med J Aust** 1985 Jul 22;143(2):60-2

Orbito-facial extension of intracranial medulloblastoma. Kingsley DP, et al. **Neuroradiology** 1985;27(1):88

Congenital cerebellar medulloblastoma. Kim JH, et al. **Surg Neurol** 1985 Jan;23(1):75-81

RADIOGRAPHY

Myelography for staging medulloblastoma. Deutsch M, et al. **Cancer** 1985 Oct 1;56(7 Suppl):1763-6

Medulloblastoma in infants and children: computed tomographic follow-up after treatment. Lee YY, et al. **Radiology** 1985 Mar;154(3):677-82

RADIOTHERAPY

A beam alignment device for matching fields. Buck BA, et al. **Int J Radiat Oncol Biol Phys** 1985 May;11(5):1039-43

Improving the therapeutic ratio of craniospinal irradiation in medulloblastoma. Maor MH, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):687-97

Medulloblastoma: are we overtreating? Vijayakumar S, et al. **J Natl Med Assoc** 1985 Feb;77(2):89-95

Disseminated aspergillosis following radiation therapy for medulloblastoma. Hamilton P, et al. **Postgrad Med J** 1985 Apr;61(714):345-7

[Statural growth following irradiation of the central nervous system for medulloblastoma of the posterior fossa. Retrospective analysis of 45 cases] Brauner R, et al. **Arch Fr Pediatr** 1985 Mar;42(3):219-23 (Eng. Abstr.) **(Fre)**

[Radiotherapy of glial tumors at the Institute of Oncology in Gliwice 1960-1980] Pamucka M, et al. **Nowotwory** 1984 Jul-Sep;34(3):275-82 (Eng. Abstr.) **(Pol)**

SECONDARY

Early CT detection of intracranial seeding from medulloblastoma. North C, et al. **AJNR** 1985 Jan-Feb; 6(1):11-3

[Extraneural medulloblastoma metastasis following non-operated medulloblastoma] Wagner W, et al. **Klin Padiatr** 1985 Mar-Apr;197(2):135-7 (Eng. Abstr.) **(Ger)**

SURGERY

Pseudobulbar palsy after posterior fossa operation in children. Wisoff JH, et al. **Neurosurgery** 1984 Nov;15(5):707-9

[Surgery of the posterior cerebral fossa in a sitting position in children less than 1 year old: installation and anesthesia] Bodin D, et al. **Agressologie** 1985 Apr;26(4):359-60 **(Fre)**

THERAPY

Medulloblastoma. Results of a sequential combined treatment. Bellani FF, et al. **Cancer** 1984 Nov 1;54(9):1956-61

Medulloblastoma: recent advances and directions in diagnosis and management. Part II. Chin HW, et al. **Curr Probl Cancer** 1984 Jun;8(12):1-51

ULTRASTRUCTURE

Divergent glial and neuronal differentiation in a cerebellar medulloblastoma in an organ culture system: in vitro occurrence of synaptic ribbons. Herman MM, et al. **Acta Neuropathol (Berl)** 1984;65(1):10-24

MEFENAMIC ACID

ADMINISTRATION & DOSAGE

[Biopharmaceutical evaluation of the rectal administration of mefenamic acid. II. Analysis of suppositories prepared on lipophilic bases] Kosior A. **Acta Pol Pharm** 1984; 41(5):565-9 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Non-oliguric renal failure during treatment with mefenamic acid in elderly patients: a continuing problem. Taha A, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):661-2

[Mefenamic acid-induced autoimmune hemolytic anemia--a case report and review of literature] Hirota Y, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1989-93 (Eng. Abstr.) **(Jpn)**

ANALYSIS

pH-induced difference spectrophotometric methods for drug analysis. Part 2: Determination of mefenamic and flufenamic acid. Hassan SM, et al. **Pharmazie** 1984 Oct; 39(10):691-3

METABOLISM

The effect of activated charcoal and hyoscine butylbromide alone and in combination on the absorption of mefenamic acid. el-Bahie N, et al. **Br J Clin Pharmacol** 1985 Jun; 19(6):836-8

POISONING

Severe mefenamic acid poisoning. A case report. Shipton EA, et al. **S Afr Med J** 1985 May 17;67(20):823-4

THERAPEUTIC USE

Mefenamic acid and diclofenac sodium in osteoarthritis of the weight bearing joints: a double blind comparison. Aylward M, et al. **Br J Clin Pract** 1985 Apr;39(4):135-9

Double-blind comparison of piroxicam and mefenamic acid in the treatment of oral surgical pain. Ohnishi M, et al. **Eur J Rheumatol Inflamm** 1983;6(3):253-8

Crossed tolerance to pyrazolines, mephenamic acid, and glafenine in A. S. A.-triad patients desensitized to aspirin [letter] Morales MC, et al. **J Allergy Clin Immunol** 1985 Apr;75(4):528

A single-blind study of naproxen sodium and mefenamic acid in minor trauma. Macintyre IM, et al. **Scott Med J** 1984 Oct;29(4):234-7

[Sodium mefenamine in suppuration surgery] Zemskov VS, et al. **Klin Khir** 1985 Jan;(1):38-9 (Eng. Abstr.) **(Rus)**

MEFRUSIDE see under **DIURETICS, SULFAMYL**

MEGACINS see under **BACTERIOCINS**

MEGACOLON

COMPLICATIONS

[Anorectal dyschezia. Megarectum] Boix-Ochoa J, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):113-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

[Diagnosis and surgical treatment of dolichosigmoid in children] Krivcheva DIu, et al. **Klin Khir** 1985;(6):12-4 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Myxedema megacolon [editorial] Solano FX Jr, et al. **Arch Intern Med** 1985 Feb;145(2):231

Sequelae of gangrene of the ileum in childhood. Ibrahim N, et al. **Med J Aust** 1985 Apr 1;142(7):411-2

[Sigmoid volvulus in association with megacolon in myotonic dystrophy] Sasaki H, et al. **Nippon Naika Gakkai Zasshi** 1984 Aug;73(8):1195-200 **(Jpn)**

[Secondary megacolon in gluten-sensitive enteropathy] Pap Z, et al. **Rev Pediatr Obstet Ginecol [Pediatr]** 1984 Jul-Sep; 33(3):257-62 (Eng. Abstr.) **(Rum)**

OCCURRENCE

Megacolon at high altitude. Patiño F, et al. **Acta Gastroenterol Latinoam** 1983;13(4):699-703

PHYSIOPATHOLOGY

[Functional state of ceco-appendicular regulatory apparatus in idiopathic megadolichocolon] Krutsiak VN, et al. **Klin Khir** 1985 Feb;(2):23-4 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Towards a radiologic definition of idiopathic megacolon. Preston DM, et al. **Gastrointest Radiol** 1985;10(2):167-9

SURGERY

Abdominoperineal endoanal pull-through resection. A comparative study between immediate and delayed colorectal anastomosis. Cutait DE, et al. **Dis Colon Rectum** 1985 May;28(5):294-9

[Megacolon in adults. Apropos of 76 cases] Parc R, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 May-Jun; 20(3):133-41 (Eng. Abstr.) **(Fre)**

MEGACOLON, CONGENITAL see **HIRSCHSPRUNG DISEASE**

MEGACOLON, TOXIC see under **COLITIS, ULCERATIVE**

MEGAESOPHAGUS see **ESOPHAGEAL ACHALASIA**

MEGAKARYOCYTES

Aplastic anemia occurring as amegakaryocytic thrombocytopenia with and without an inhibitor of granulopoiesis. Slater LM, et al. **Am J Hematol** 1985 Mar; 18(3):251-4

The relation of megakaryocyte ploidy to platelet volume [letter] Trowbridge EA, et al. **Am J Hematol** 1985 Jan; 18(1):107-8

Megakaryocyte enrichment procedures [letter] Grossi A, et al. **Blood** 1985 Feb;65(2):506-7

Megakaryocytic cells in mixed haemopoietic colonies (CFU-GEMM) from the peripheral blood of normal individuals. Ganser A, et al. **Br J Haematol** 1985 Apr; 59(4):627-33

An analysis of the platelet and polyploid megakaryocyte response to acute thrombocytopenia and its biological implications. Trowbridge EA, et al. **Clin Phys Physiol Meas** 1984 Nov;5(4):263-77

Value of factor VIII related antigen as a means of demonstrating extramedullary megakaryopoiesis [letter] Bloom AL, et al. **J Clin Pathol** 1984 Nov;37(11):1317

Further characterization of human urinary megakaryocyte colon-stimulating factor and its kinetics in thrombopoietic disorders. Kawakita M, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1727-38

Biology of human megakaryocytes: recent developments. Rabellino EM. **Prog Hemost Thromb** 1984;7:151-66 (82 ref.)

[Effect of sera from patients with aplastic anemia and ITP on murine megakaryocytopoiesis] Hamaguchi H. **Nippon Ketsueki Gakkai Zasshi** 1985 May;48(3):831-8 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Identification of human megakaryocyte coagulation factor V. Nichols WL, et al. **Blood** 1985 Jun;65(6):1396-406

Distribution of glycoprotein IIb-IIIa complexes in the surface membranes of human platelets and megakaryocytes. Hourdille P, et al. **Br J Haematol** 1985 Jan;59(1):171-82

Lycramine brilliant blue JL: a new stain for human megakaryocytes. Kass L. **Stain Technol** 1985 Jul; 60(4):233-7

Multimeric analysis of von Willebrand factor in megakaryocytes. Kupinski JM, et al. **Thromb Res** 1985 Jun 15;38(6):603-10

ANATOMY & HISTOLOGY

Fluorescence cytophotometric analysis of megakaryocytic ploidy in culture: studies of normal and thrombocytopenic mice. Chatelain C, et al. **Blood** 1984 Dec;64(6):1193-9

CYTOLOGY

Megakaryopoiesis in chronic myeloproliferative diseases. A morphometric evaluation with special emphasis on primary thrombocythemia. Thiele J, et al. **Anal Quant Cytol** 1984 Sep;6(3):155-67

Quantitative observation of megakaryocytes in the spleen and bone marrow of the mouse: effects of sex, sex hormones, pregnancy and lactation. Matsumura G, et al. **Arch Histol Jpn** 1984 Aug;47(3):251-8

Identification of human megakaryocytes with rhodanile blue. Kass L. **Arch Pathol Lab Med** 1985 Apr;109(4):320-4

The effect of hypercholesterolemia on guinea pig platelets, erythrocytes and megakaryocytes. Schick BP, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):291-302

Relationship between the age of platelets and their megakaryocytopoiesis-inhibiting effect. Vezendi K, et al. **Biomed Pharmacother** 1985;39(2):98-9

In vitro megakaryocytopoiesis [letter] Eastment C. **Blood** 1985 Sep;66(3):753

Megakaryocytopoiesis and granulopoiesis of W/Wv mice studied in long-term bone marrow cultures. Petursson SR, et al. **Blood** 1985 Jun;65(6):1460-8

Sialic acid in mature megakaryocytes: detection by wheat germ agglutinin. Schick PK, et al. **Blood** 1985 May; 65(5):1120-6

Immuno-electron microscopical demonstration of lysosomes in human blood platelets and megakaryocytes using anti-cathepsin D. Sixma JJ, et al. **Blood** 1985 May; 65(5):1287-91

Megakaryocytopoiesis in bone marrow-derived stromal-hemopoietic cells co-cultures: action of Tamm-Horsfall glycoprotein. Bagnara GP, et al. **Cell Differ** 1984 Oct;14(4):277-85

Flow cytometric analysis of megakaryocyte differentiation. Worthington RE, et al. **Cytometry** 1984 Sep;5(5):501-8

Isolation of mouse megakaryocytes. I. Separation of two fractions enriched in different maturational stages. Raha S, et al. **Eur J Cell Biol** 1985 May;37:111-6

Isolation of mouse megakaryocytes. II. Functional and metabolic aspects of two different maturational stages. Wesemann W, et al. **Eur J Cell Biol** 1985 May;37:117-21

Production of colony-stimulating factor(s) for granulocyte-macrophage and multipotential (granulocyte/erythroid/megakaryocyte/macrophage) hematopoietic progenitor cells (CFU-GEMM) by clonal lines of human IL-2-dependent T-lymphocytes. Greenberger JS, et al. **Exp Hematol** 1984 Oct;12(9):720-7

Proliferation and maturation of murine megakaryocyte progenitor cells in a liquid culture system. Nagasawa T, et al. **Exp Hematol** 1985 Jan;13(1):51-8

The role of erythropoietin, thrombopoietic stimulating factor, and myeloid colony-stimulating factors on murine megakaryocyte colony formation. Williams N, et al. **Exp Hematol** 1984 Oct;12(9):734-40

Endogenous splenic colonies and megakaryopoiesis in methylcellulose treated irradiated mice. Bernabei PA, et al. **Experientia** 1985 Jan 15;41(1):97-9

Novel peripheral blood-derived human cell lines with properties of megakaryocytes. Morgan DA, et al. **J Cell Biol** 1985 Feb;100(2):565-73

Quantitation of megakaryocytopoiesis in liquid culture by enzymatic determination of acetylcholinesterase. Burstein SA, et al. **J Cell Physiol** 1985 Jan;122(1):159-65

Purification and partial characterization of a megakaryocyte colony-stimulating factor from human plasma. Hoffman R, et al. **J Clin Invest** 1985 Apr;75(4):1174-82

Phorbol diesters stimulate the development of an early murine progenitor cell. The burst-forming unit-megakaryocyte. Long MW, et al. **J Clin Invest** 1985 Aug;76(2):431-8

Role of phorbol diesters in in vitro murine megakaryocyte colony formation. Long MW, et al. **J Clin Invest** 1984 Nov; 74(5):1686-92

Human megakaryocytes. V. Changes in the phenotypic profile of differentiating megakaryocytes. Levene RB, et al. **J Exp Med** 1985 Mar 1;161(3):457-74

Effect of cryopreservation on recovery of megakaryocytic colony-forming units in murine bone marrow. Nomura T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):1042-8

Viability of megakaryocytic and erythroid progenitors after cryopreservation in comparison with myeloid progenitors and multipotent stem cells. Nomura T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul;47(4):919-25

Effect of thrombopoietin on in vitro production of megakaryocytes from fetal mouse liver cells. Kalmaz GD, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):50-6

[Identification of megakaryocytes utilizing anti-factor VIII immuno-alkaline phosphatase] Young C, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Aug;47(5):1157-61 (Eng. Abstr.) **(Jpn)**

[Thrombocytopoiesis and blood platelet function] Kemona H, et al. **Postepy Hig Med Dosw** 1983 Sep-Dec; 37(5-6):505-18 (101 ref.) (Eng. Abstr.) **(Pol)**

DRUG EFFECTS

The effects of dimethyl sulfoxide on the osmotic properties of a rat megakaryocytopoietic cell line. Connolly A, et al. **Cryobiology** 1985 Aug;22(4):351-8

The effects of administration of ethyl alcohol to mice on megakaryocyte and platelet development. Cooper GW, et al. **Thromb Haemost** 1984 Aug 31;52(1):11-4

[Effect of Chinese medicine on the morphology of megakaryocytes in patients with thrombocytopenic purpura] Deng YA. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Jun;4(6):349-51 (Eng. Abstr.) **(Chi)**

ENZYMOLOGY

Megakaryoblast precursors in rodent bone marrow: specificity of acetylcholinesterase staining. Lepore DA, et al. **Br J Haematol** 1984 Nov;58(3):473-81

IMMUNOLOGY

Cell-lineage antigens of the stem cell-megakaryocyte-platelet lineage are associated with the platelet IIb-IIIa glycoprotein complex. Berridge MV, et al. **Blood** 1985 Jul;66(1):76-85

Immunological characterization of the leukemic megakaryocytic line at light and electron microscopic levels. Tabilio A, et al. **Leuk Res** 1984;8(5):769-81

An antibody cytotoxic to megakaryocyte progenitor cells in a patient with immune thrombocytopenic purpura. Hoffman R, et al. **N Engl J Med** 1985 May 2;312(18):1170-4

[Megakaryocyte-fixed immunoglobulins in chronic idiopathic thrombocytopenic purpura in children] Koshel' IV, et al. **Gematol Transfuziol** 1985 Jan;30(1):11-4 (Eng. Abstr.) **(Rus)**

METABOLISM

Cholesterol exchange in platelets, erythrocytes and megakaryocytes. Schick BP, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):281-90

Arachidonate synthesis and uptake in isolated guinea-pig megakaryocytes and platelets. Schick PK, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):341-7

Fibrinogen biosynthesis in isolated guinea pig megakaryocytes. Leven RM, et al. **Blood** 1985 Feb; 65(2):501-4

Use of monoclonal antibody and colloidal gold in E.M. localization of von Willebrand factor in megakaryocytes and platelets. Jeanneau C, et al. **Cell Biol Int Rep** 1984 Oct;8(10):841-8

Serotonin uptake by progeny of murine megakaryocyte precursors (CFU-M) in vitro. Bricker LJ, et al. **Exp Hematol** 1984 Sep;12(8):672-5

Megakaryocyte thromboxane production induced by platelet stimuli during in vitro culture. Walenga RW, et al. **Exp Hematol** 1985 Feb;13(2):87-91

Biosynthesis of factor V in isolated guinea pig megakaryocytes. Chiu HC, et al. **J Clin Invest** 1985 Feb; 75(2):339-46

Fibrinogen synthesis by megakaryocyte rich human marrow cell concentrates. Belloc F, et al. **Thromb Res** 1985 May 15;38(4):341-51

PATHOLOGY

Megakaryocytes in ascitic fluid in a case of agnogenic myeloid metaplasia [letter] Pedio G, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):89-90

Megakaryoblastic transformation of Ph positive chronic granulocytic leukemia. Vélez-García EO, et al. **Am J Clin Pathol** 1985 Aug;84(2):228-33

Amegakaryocytic thrombocytopenic purpura treated with antithymocyte globulin [letter] Khelif A, et al. **Ann Intern Med** 1985 May;102(5):720

Ploidy distribution of CFU-Meg progeny [letter] Levin J. **Blood** 1985 Jun;65(6):1563-4

Abnormal megakaryocytopoiesis in the Belgrade laboratory rat. Rolovic Z, et al. **Blood** 1985 Jan;65(1):60-4

Emperipolesis of granulocytes within megakaryocytes. de Pasquale A, et al. **Br J Haematol** 1985 Jun;60(2):384-6

Megakaryoblastic transformation of chronic myelogenous leukaemia in a child. Hanada T, et al. **Scand J Haematol** 1984 Nov;33(5):476-81

Megakaryocytic infection and thrombocytopenia in African swine fever. Edwards JF, et al. **Vet Pathol** 1985 Mar; 22(2):171-6

[Acute myelofibrosis and acute megakaryoblastic/megakaryocytic leukemia. A study on clinicopathologic correlations in a patient and reports of the literature] Hirano K, et al. **Rinsho Ketsueki** 1984 Aug; 25(8):1290-8 (Eng. Abstr.) **(Jpn)**

[Probable essential thrombocythemia associated with anemia, 5q- chromosomal anomaly and nonlobulated megakaryocytes] Miura O, et al. **Rinsho Ketsueki** 1984 Dec; 25(12):1947-53 (Eng. Abstr.) **(Jpn)**

[Reduction of oxygen consumption and capillary obstruction by megakaryocytes in the cerebral cortex of rats with portocaval shunts] Aller Reyero A, et al. **Rev Esp Enferm Apar Dig** 1985 Jun;67(6):491-500 (Eng. Abstr.) **(Spa)**

[The megakaryoblastic component of mixed blast crises] San Miguel JF, et al. **Sangre (Barc)** 1985;30(3):330-6 (Eng. Abstr.) **(Spa)**

PHYSIOLOGY

Regeneration of murine megakaryocytopoiesis and the hematopoietic inductive microenvironment after sublethal whole body irradiation by treatment with an anabolic steroid. Gallicchio VS, et al. **Acta Haematol (Basel)** 1985; 73(2):80-5

The effect of interleukin 3 and GM-CSA-2 on megakaryocyte and myeloid clonal colony formation. Quesenberry PJ, et al. **Blood** 1985 Jan;65(1):214-7

A regulatory role of activated T-lymphocytes on human megakaryocytopoiesis in vitro. Geissler D, et al. **Br J Haematol** 1985 Jun;60(2):233-8

Human serum megakaryocyte colony-stimulating activity increases in response to intensive cytotoxic chemotherapy. Mazur EM, et al. **Exp Hematol** 1984 Sep;12(8):624-8

A computer model of the random binary sequential division of megakaryocyte cytoplasm to produce platelets. Trowbridge EA, et al. **Phys Med Biol** 1984 Dec; 29(12):1477-87

Marrow cell uptake by megakaryocytes and naked megakaryocyte nuclei in routine bone marrow examination. Thiagarajan D, et al. **South Med J** 1985 Sep;78(9):1127-8

SECRETION

[Platelet-derived growth factor: mechanism of action and role in the development of diseases] Almazov VA, et al. **Ter Arkh** 1984;56(7):144-7 (59 ref.) **(Rus)**

ULTRASTRUCTURE

Morphological and ultrastructural study of megakaryocytopoiesis in liquid cultures of hamster spleen. Choudhury C, et al. **Blood** 1985 May;65(5):1282-6

Megakaryocyte interaction with subendothelial extracellular matrix is associated with adhesion, platelet-like shape change, and thromboxane A2 production. Levine RF, et al. **Blood** 1985 Sep;66(3):570-6

Isolation of normal human megakaryocytes. Sitar G. **Br J Haematol** 1984 Nov;58(3):465-72

Ploidy pattern of megakaryocytes in patients with metastatic tumors with and without paraneoplastic thrombosis and in controls. Winkelmann M, et al. **Haemostasis** 1984; 14(6):501-7

Emperipolesis--a peculiar feature of megakaryocytes as evaluated in chronic myeloproliferative diseases by morphometry and ultrastructure. Thiele J, et al. **Virchows Arch [Cell Pathol]** 1984;46(3):253-63

[Quantitative morphology of megakaryocytes, with special reference to sex] Matsumura G. **Hokkaido Igaku Zasshi** 1984 May;59(3):266-80 (Eng. Abstr.) **(Jpn)**

[The effects of megakaryocytic stimulators on the characterization of murine megakaryocytic colonies in a liquid culture system] Nagasawa T, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Nov;47(7):1467-75 (Eng. Abstr.) **(Jpn)**

[An improved culture method without human plasma for megakaryocyte colony formation: megakaryocyte colony forming cells (CFU-M) in human umbilical cord blood] Tsuji K, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 May; 48(3):823-30 (Eng. Abstr.) **(Jpn)**

[An autopsy case of chronic myelogenous leukemia with megakaryoblastic transformation] Kanbayashi H, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1848-53 (Eng. Abstr.) **(Jpn)**

[A case of acute myelogenous leukemia with megakaryocytosis--identified by platelet peroxidase] Kato K, et al. **Rinsho Ketsueki** 1984 Nov;25(11):1825-30 (Eng. Abstr.) **(Jpn)**

[Ultrastructure of abnormal neutrophils and megakaryocytes in a case of chronic benign neutropenia in childhood with thrombocytopenia] Sakakibara H, et al. **Rinsho Ketsueki** 1984 Dec;25(12):1981-8 (Eng. Abstr.) **(Jpn)**

MEGALOBLASTS see under **ERYTHROCYTES, ABNORMAL**

MEGAVITAMIN THERAPY see **ORTHOMOLECULAR THERAPY**

MEGAVOLT RADIOTHERAPY see **RADIOTHERAPY, HIGH ENERGY**

MEGESTROL

ADVERSE EFFECTS

Hypercalcemic flare with megestrol acetate [letter] Otteman LA, et al. **Cancer Treat Rep** 1984 Nov;68(11):1420-1

ANALOGS & DERIVATIVES

Comparison of the actions of RU 38486 and megestrol acetate in the model of a transplantable adrenocorticotropin- and prolactin-secreting rat pituitary tumor. Lamberts SW, et al. **Cancer Res** 1985 Mar;45(3):1015-9

On the site of action of the anti-adrenal steroidogenic effect of etomidate and megestrol acetate. Lambert A, et al. **Clin Endocrinol (Oxf)** 1984 Dec;21(6):721-7

Diabetes mellitus and abdominal adenocarcinoma in a jaguar receiving megestrol acetate. Kollias GV Jr, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1383-6

Megestrol acetate therapy for advanced breast cancer. Gregory EJ, et al. **J Clin Oncol** 1985 Feb;3(2):155-60

Liquid chromatographic procedure for the quantitative analysis of megestrol acetate in human plasma. Gaver RC, et al. **J Pharm Sci** 1985 Jun;74(6):664-7

Megestrol acetate used as primary hormonal therapy in stage D prostatic cancer. Bonomi P, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):36-9

Primary hormonal therapy of advanced breast cancer with megestrol acetate: predictive value of estrogen receptor and progesterone receptor levels. Bonomi P, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):48-54

Use of megestrol acetate in advanced breast cancer on a single-daily-dose schedule. Carpenter JT Jr, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):40-2

Bioequivalence evaluation of new megestrol acetate formulations in humans. Gaver RC, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):17-9

The use of high-dose megestrol acetate in the treatment of ovarian adenocarcinoma. Geisler HE. **Semin Oncol** 1985 Mar;12(1 Suppl 1):20-2

Megestrol acetate v tamoxifen in advanced breast cancer in postmenopausal patients. Morgan LR. **Semin Oncol** 1985 Mar;12(1 Suppl 1):43-7

Megestrol acetate v tamoxifen in advanced breast cancer: a phase III trial of the Piedmont Oncology Association (POA). Muss HB, et al. **Semin Oncol** 1985 Mar;12(1 Suppl 1):55-61

Progestin therapy in lesions of the endometrium. Wentz WB. **Semin Oncol** 1985 Mar;12(1 Suppl 1):23-7

[Comparative study of the residual rates of microencapsulated and unmicroencapsulated compound megestrol acetate injection in animal muscle] Lu B, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):44-8 **(Chi)**

[Megestrol acetate in various doses in the treatment of metastatic breast carcinoma—clinical and endocrinologic studies] Wander HE, et al. **Klin Wochenschr** 1985 Apr 1; 63(7):312-8 (Eng. Abstr.) **(Ger)**

MEGLUMINE see under **SORBITOL**

MEGLUMINE IOTHALAMATE see **IOTHALAMATE MEGLUMINE**

MEIBOMIAN GLANDS see under **EYELIDS**

MEIGE SYNDROME see under **BASAL GANGLIA DISEASES**

MEIGS' SYNDROME

COMPLICATIONS

[Demons-Meigs syndrome. Apropos of a case. Review of the literature] Fraisse E, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):579-80 (Eng. Abstr.) **(Fre)**

MEIOSIS

Mitochondrial reorganization during resumption of arrested meiosis in the mouse oocyte. Van Blerkom J, et al. **Am J Anat** 1984 Nov;171(3):335-55

The prezygotic origin of structural mosaicisms. Cantú JM, et al. **Ann Genet (Paris)** 1985;28(2):73-4

Comparison between the meiotic activities in the male with hypogonadotropic hypogonadism and in the human fetal ovocytes. de Torres ML, et al. **Ann Genet (Paris)** 1985; 28(2):107-10

The synaptonemal complex in genetic segregation. von Wettstein D, et al. **Annu Rev Genet** 1984;18:331-413

Sister chromatid exchanges in mammalian meiotic chromosomes. Allen JW, et al. **Basic Life Sci** 1984;29 Pt B:629-45

Amphibian oocytes respond to heat shock after the induction of meiotic maturation by hormones. Rojas C, et al. **Biochem Int** 1983 Apr;6(4):517-25

Biosynthesis of specific histones during meiotic prophase of mouse spermatogenesis. Bhatnagar YM, et al. **Biol Reprod** 1985 Apr;32(3):599-609

Post-meiotic transcription in mouse testes detected with spermatid cDNA clones. Fujimoto H, et al. **Biosci Rep** 1984 Dec;4(12):1037-44

Triple chromosome pairing in an aneuploid bull spermatocyte. Dollin AE, et al. **Can J Genet Cytol** 1984 Dec;26(6):782-3

Meiosis in Drosophila melanogaster. V. Univalent behavior in In(1)sc4Lsc8R/BsY males. Lin HP, et al. **Can J Genet Cytol** 1984 Aug;26(4):445-58

The synaptonemal complex: does it have contractile proteins? Spyropoulos B, et al. **Can J Genet Cytol** 1984 Dec; 26(6):776-81

Meiosis readiness in Lilium. Walters MS. **Can J Genet Cytol** 1985 Feb;27(1):33-8

Evidence that two mutations, wDZL and z1, affecting synapsis-dependent genetic behavior of white are transcriptional regulatory mutations. Bingham PM, et al. **Cell** 1985 Apr;40(4):819-25

Meiosis-specific transcripts of a DNA component replicated during chromosome pairing: homology across the phylogenetic spectrum. Hotta Y, et al. **Cell** 1985 Apr; 40(4):785-93

A cell division mutant of Drosophila with a functionally abnormal spindle. Ripoll P, et al. **Cell** 1985 Jul;41(3):907-12

Control of meiosis by somatic cells in mice: inheritance of the meiosis I error 'diploidy' and nonexpression in sensitive NMRI/Han oocytes ovulated from chimeras. Bartels I, et al. **Cell Differ** 1984 Dec;15(2-4):189-94

Cell division: mitosis and meiosis in eukaryotes. Izutsu K, et al. **Cell Struct Funct** 1984 Jul;9 Suppl:s73-9 (58 ref.)

The three-dimensional architecture of chromosome fibres in the crane fly. II. Amphitelic sex univalents in meiotic anaphase I. Fuge H. **Chromosoma** 1985;91(3-4):322-8

Replication and nicking of zygotene DNA sequences. Control by a meiosis-specific protein. Hotta Y, et al. **Chromosoma** 1984;90(4):243-53

Synaptonemal complexes of normal and mutant yeast chromosomes (Saccharomyces cerevisiae). Moens PB, et al. **Chromosoma** 1985;91(2):113-20

Meiosis in Mesostoma ehrenbergii ehrenbergii (Turbellaria, Rhabdocoela). III. Univalent chromosome segregation during the first meiotic division in spermatocytes. Oakley HA. **Chromosoma** 1985;91(2):95-100

Physical monitoring of meiotic recombination in Saccharomyces cerevisiae. Borts RH, et al. **Cold Spring Harbor Symp Quant Biol** 1984;49:67-76

Meiotic roles of crossing-over and of gene conversion. Carpenter AT. **Cold Spring Harbor Symp Quant Biol** 1984; 49:23-9

On the nature and extent of XY pairing at meiotic prophase in man. Chandley AC, et al. **Cytogenet Cell Genet** 1984; 38(4):241-7

Meiotic association between the XY chromosomes and unpaired autosomal elements as a cause of human male sterility. Rosenmann A, et al. **Cytogenet Cell Genet** 1985; 39(1):19-29

Development of cortical polarity in mouse eggs: involvement of the meiotic apparatus. Longo FJ, et al. **Dev Biol** 1985 Feb;107(2):382-94

Metabolic, fluorescent dye and electrical coupling between hamster oocytes and cumulus cells during meiotic maturation in vivo and in vitro. Racowsky C, et al. **Dev Biol** 1985 Mar;108(1):191-202

Structure and composition of synaptonemal complexes, isolated from rat spermatocytes. Heyting C, et al. **Eur J Cell Biol** 1985 Mar;36(2):307-14

Hypomethylation of DNA in meiotic and postmeiotic rooster testis cells. Rocamora N, et al. **FEBS Lett** 1984 Nov 5; 177(1):81-4

Meiotic recombination and sporulation in repair-deficient strains of yeast. Dowling EL, et al. **Genetics** 1985 Feb; 109(2):283-302

The role of the SPO11 gene in meiotic recombination in yeast. Klapholz S, et al. **Genetics** 1985 Jun;110(2):187-216

Genotypes suppressing meiotic drive of a B chromosome in the mealybug, Pseudococcus obscurus. Nur U, et al. **Genetics** 1985 May;110(1):73-92

Restriction of kinetic activity of holokinetic chromosomes in meiotic cells and its structural basis. Nokkala S. **Hereditas** 1985;102(1):85-8

The properties of meiotic gene conversion important in its effects on evolution. Lamb BC. **Heredity (Edinburgh)** 1984 Aug;53 (Pt 1):113-38

The association of the nucleolus and the short arm of acrocentric chromosomes with the XY pair in human spermatocytes: its possible role in facilitating sex-chromosome acrocentric translocations. Stahl A, et al. **Hum Genet** 1984;68(2):173-80

Development and behavior of synaptonemal complexes in human spermatocytes by light and electron microscopy. Vidal F, et al. **Hum Genet** 1984;68(2):142-7

Foetal meiosis in the testis of the rodent Octodon degus. Rojas MA, et al. **Int J Androl** 1984 Dec;7(6):529-41

Meiotic maturation in Xenopus oocytes: a link between the cessation of protein secretion and the polarized disappearance of Golgi apparati. Colman A, et al. **J Cell Biol** 1985 Jul;101(1):313-8

cAMP in ovine oocytes: localization of synthesis and its action on protein synthesis, phosphorylation, and meiosis. Crosby IM, et al. **J Exp Zool** 1985 May;234(2):307-18

Protein synthesis by isolated pachytene spermatocytes in the absence of Sertoli cells. Jutte NH, et al. **J Exp Zool** 1985 Feb;233(2):285-90

Amino acids can induce nondisjunction during maturation of mammalian oocytes in vitro. McGaughey RW. **J Exp Zool** 1985 Apr;234(1):161-5

A polymorphic repetitive-sequence PR1 family. Evidence for meiotic instability. Kominami R, et al. **J Mol Biol** 1985 Jun 5;183(3):301-9

The spermatogenesis of Dictyocaulus filaria (Nematoda, Trichostrongyloidea). Cutillas C, et al. **J Parasitol** 1985 Aug;71(4):500-3

Qualitative and quantitative structural changes during pig oocyte maturation. Cran DG. **J Reprod Fertil** 1985 May; 74(1):237-45

Meiotic pairing behavior of two free duplications of linkage group I in Caenorhabditis elegans. Rose AM, et al. **MGG** 1984;195(1-2):52-6

Characterization of meiosis-deficient mutants by electron microscopy and mapping of four essential genes in the fission yeast Schizosaccharomyces pombe. Shimoda C, et al. **MGG** 1985;200(2):252-7

DNA polymerases, deoxyribonucleases, and recombination during meiosis in Saccharomyces cerevisiae. Resnick MA, et al. **Mol Cell Biol** 1984 Dec;4(12):2811-7

Microinjection of pp60v-src into Xenopus oocytes increases phosphorylation of ribosomal protein S6 and accelerates the rate of progesterone-induced meiotic maturation. Spivack JG, et al. **Mol Cell Biol** 1984 Aug;4(8):1631-4

Mechanisms contributing to non-recovery of translocations induced in meiotic cells. Puro J. **Mutat Res** 1985 Apr; 149(2):179-87

Transmission distortion of t-haplotypes is due to interactions between meiotic partners. Seitz AW, et al. **Nature** 1985 Jan 10-18;313(5998):143-4

Sex and frequency of gene conversions in meiosis [letter] Willison KR. **Nature** 1985 Feb 14-20;313(6003):604

Inhibition of Na-alanine cotransport in oocytes of Xenopus laevis during meiotic maturation is voltage-regulated. Jung D, et al. **Pflugers Arch** 1984 Sep;402(1):39-41

High-frequency meiotic gene conversion between repeated genes on nonhomologous chromosomes in yeast. Jinks-Robertson S, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3350-4

[Molecular genetics of meiosis] Yamamoto M. **Tanpakushitsu Kakusan Koso** 1985 May;30(5):350-60 (51 ref.) **(Jpn)**

[Disordered meiosis in sterile male mice in a Lati:CFLP colony] Malashenko AM, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):486-8 (Eng. Abstr.) **(Rus)**

[Ultrastructure of the fibrillar center in oocyte nucleoli at the diplonema stage in the golden hamster] Zybina EV, et al. **Tsitologiia** 1984 Nov;26(11):1246-9 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Heat-shock response in Xenopus oocytes during meiotic maturation and activation. Baltus E, et al. **Cell Differ** 1985 May;16(3):161-8

Malorientation in half-bivalents at anaphase in crane fly spermatocytes following Colcemid treatment. LaFountain JR Jr. **Chromosoma** 1985;91(5):337-46

Chromosome segregation and spindle structure in crane fly spermatocytes following Colcemid treatment. LaFountain JR Jr. **Chromosoma** 1985;91(5):329-36

Gonadotropins and the timing of progesterone-induced meiotic maturation of Xenopus laevis oocytes. LaMarca MJ, et al. **Dev Biol** 1985 May;109(1):32-40

Testosterone-induced meiotic maturation of Xenopus laevis oocytes: evidence for an early effect in the synergistic action of insulin. Le Goascogne C, et al. **Dev Biol** 1985 May;109(1):9-14

Effect of insulin on meiosis reinitiation induced in vitro by three progestogens in oocytes of the goldfish (Carassius auratus). Lessman CA. **Dev Biol** 1985 Jan;107(1):259-63

Gonadotropin-releasing hormone induces classical meiotic maturation in subpopulations of atretic preantral follicles. Banka CL, et al. **Endocrinology** 1985 Oct;117(4):1500-7

Effects of some DNA-ligands and of some mutagenic compounds on the induction of meiotic disomic or diploid yeast products. Sora S. **Environ Mutagen** 1985;7(1):121-8

Effect of the antitubulin drug nocodazole on meiosis and postmeiotic development in Tetrahymena thermophila. Induction of achiasmatic meiosis. Kaczanowski A, et al. **Exp Cell Res** 1985 May;158(1):244-56

Inhibition of denuded mouse oocyte meiotic maturation by tumor-promoting phorbol esters and its reversal by retinoids. Urner F, et al. **Exp Cell Res** 1984 Oct; 154(2):600-5

Inositol 1,4,5-triphosphate microinjection triggers activation, but not meiotic maturation in amphibian and starfish oocytes. Picard A, et al. **FEBS Lett** 1985 Mar 25; 182(2):446-50

Response of meiotic chromosomes of mice to phenobarbitone. Subramanyam S, et al. **Indian J Exp Biol** 1984 Dec;22(12):666-9

Antagonistic actions of estradiol and tamoxifen upon forskolin-dependent meiotic arrest, intercellular coupling, and the cyclic AMP content of hamster oocyte-cumulus complexes. Racowsky C. **J Exp Zool** 1985 May; 234(2):251-60

An hypothesis regarding the origin of aneuploidy in man: indirect evidence from an experimental model. Kaufman MH. **J Med Genet** 1985 Jun;22(3):171-8

Effect of forskolin on maintenance of meiotic arrest and stimulation of cumulus expansion, progesterone and cyclic AMP production by pig oocyte-cumulus complexes. Racowsky C. **J Reprod Fertil** 1985 May;74(1):9-21

Dimethylsulfoxide induces aneuploidy in a fungal test system. Fulton AM, et al. **MGG** 1984;197(2):347-9

Inhibitors of thymidylate synthesis increase whereas thymidine decreases meiotic recombination in Drosophila melanogaster. Silber J, et al. **MGG** 1985;199(1):53-4

Drug synergism or antagonism in the induction of diploid meiotic products in Saccharomyces cerevisiae. Sora S, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):161-4

Evaluation of genotoxic potential of vincristine from multiple parameters. Subramanyam S, et al. **Mutat Res** 1984 Oct; 138(1):55-62

Unique effects of spindle inhibitors on mammalian oocyte meiosis. Jagiello G, et al. **Proc Soc Exp Biol Med** 1985 Oct;180(1):196-202

[Potentiation of the effect of steroid hormones (progesterone and testosterone) inducing the reinitiation of meiosis in Xenopus oocytes in vitro, by inhibitors of phosphatase activity] Le Goascogne C, et al. **C R Acad Sci [III]** 1984; 299(4):89-93 (Eng. Abstr.) **(Fre)**

RADIATION EFFECTS

Photoperiodic control of meiosis in the male Syrian hamster (Mesocricetus auratus). Breckon G, et al. **J Reprod Fertil** 1985 Sep;75(1):177-81

Dose-response relationship of gamma-ray-induced reciprocal translocations at low doses in spermatogonia of the crab-eating monkey (Macaca fascicularis). Matsuda Y, et al. **Mutat Res** 1985 Aug;151(1):121-7

MEISSNER'S PLEXUS see **SUBMUCOUS PLEXUS**

MELANCHOLIA see **DEPRESSIVE DISORDER**

MELANCHOLIA, INVOLUTIONAL see **DEPRESSION, INVOLUTIONAL**

MELANINS

Leukoderma from hydroquinone. Romaguera C, et al.

Contact Dermatitis 1985 Mar;12(3):183

ANALYSIS

Combined Fontana-Masson/Perls' staining. Zappi E, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:143-5
Microanalysis of eumelanin and pheomelanin in hair and melanomas by chemical degradation and liquid chromatography. Ito S, et al. **Anal Biochem** 1985 Feb 1; 144(2):527-36
A spectrophotometric assay for mammalian tyrosinase utilizing the formation of melanochrome from L-dopa. Vachtenheim J, et al. **Anal Biochem** 1985 May 1; 146(2):405-10
Quantitative analysis of eumelanin and pheomelanin in human malignant-melanoma tissues. Morishima T, et al. **Arch Dermatol Res** 1985;277(3):248-50
Quantitative variations of melanin during the moulting of atypical fur in the volcano rabbit (Romerolagus diazi). Pérez-Amador MC, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):41-6 **(Eng, Spa)**
Electron spin resonance and high pressure liquid chromatographic analysis of melanin in posterior choroidal melanomas. Angiolillo PJ, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):61-5
The nature of pigment in pigmented apocrine hidrocystoma. Malhotra R, et al. **J Cutan Pathol** 1985 Apr;12(2):106-9
Spectroscopic characteristics of human melanin in vivo. Kollias N, et al. **J Invest Dermatol** 1985 Jul;85(1):38-42
[A case of clear cell sarcoma of tendons and aponeuroses with a large amount of melanin--malignant melanoma of the soft part] Okamoto T, et al. **Gan No Rinsho** 1984 Sep; 30(11):1417-21 (Eng. Abstr.) **(Jpn)**
[Content of eumelanin and pheomelanin in malignant melanoma tissues in the Japanese] Fukada E. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):487-93 **(Jpn)**

BIOSYNTHESIS

Relation between structure of polyphenol oxidase and prevention of browning. Golan-Goldhirsh A, et al. **Adv Exp Med Biol** 1984;177:437-56
Influence of retinoids on growth and melanin content of Harding-Passey-melanoma cells in vitro and B16 transplantable melanoma in vivo. Drewa G, et al. **Arch Geschwulstforsch** 1985;55(2):93-8
Melanin biosynthesis and the metabolism of flaviolin and 2-hydroxyjuglone in Wangiella dermatitidis. Wheeler MH, et al. **Arch Microbiol** 1985 Aug;142(3):234-41
Regulation of melanin synthesis of B16 mouse melanoma cells by 1 alpha, 25-dihydroxyvitamin D3 and retinoic acid. Hosoi J, et al. **Cancer Res** 1985 Apr;45(4):1474-8
Effects of inhibitors of polyamine biosynthesis on the growth and melanogenesis of murine melanoma cells. Käpyaho K, et al. **Cancer Res** 1985 Apr;45(4):1444-8
Effect of inhibition of polyamine biosynthesis by DL-alpha-difluoromethylornithine on the growth and melanogenesis of B16 melanoma in vitro and in vivo. Sunkara PS, et al. **Cancer Res** 1985 Sep;45(9):4067-70
Aminoacids--precursors of melanin synthesis in hamster melanoma. Blagoeva PM. **J Cancer Res Clin Oncol** 1984; 108(3):366-8
Some properties of Bomirski Ab amelanotic melanoma cells, which underwent spontaneous melanization in primary cell culture. Growth kinetics, cell morphology, melanin content and tumorigenicity. Słomiński A. **J Cancer Res Clin Oncol** 1985;109(1):29-37
Isolation and characterization of a factor from calf serum that promotes the pigmentation of embryonic and transformed melanocytes. Jerdan JA, et al. **J Cell Biol** 1985 May;100(5):1493-8
THe acellular stroma of the chick cornea inhibits melanogenesis of the neural-crest-derived cells that colonize it. Campbell S, et al. **J Embryol Exp Morphol** 1985 Apr;86:143-54
Effects of combined treatment with interferon and mezerein on melanogenesis and growth in human melanoma cells. Fisher PB, et al. **J Interferon Res** 1985 Winter;5(1):11-22
A new enzyme in the pigment pathway? [letter] Pawelek JM. **J Invest Dermatol** 1985 Mar;84(3):234
The relationship of skin color, UVB-induced erythema, and melanogenesis. Shono S, et al. **J Invest Dermatol** 1985 Apr; 84(4):265-7
Relationship between melanogenesis, proliferative activity and response to chemotherapy of human melanoma xenografts. Siracký J, et al. **Neoplasma** 1984;31(5):545-9
[Behavior of polyphenoloxidases in food] Galeazzi MA. **Arch Latinoam Nutr** 1984 Jun;34(2):269-89 (Eng. Abstr.) **(Por)**
[Synthesis and biological properties of a cyclic analog of ACTH-(5-14)-decapeptide] Liepkaula IK, et al. **Bioorg Khim** 1984 Oct;10(10):1326-32 (Eng. Abstr.) **(Rus)**
[Indices of pigment formation in complex cytomorphological research on human pigmented skin neoplasms] Naleskina LA. **Tsitol Genet** 1985 Mar-Apr;19(2):83-6 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Synthesis of the heptadecapeptide corresponding to the entire amino acid sequence of salmon melanin-concentrating hormone (MCH). Okamoto K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):2963-70

GENETICS

Effect of the eumelanin restrictor Db on plumage pattern phenotypes of the domestic fowl. Carefoot WC. **Br Poult Sci** 1985 Jul;26(3):409-12

METABOLISM

Melanin affinity of manganese. Lydén A, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):133-8
Melanotic schwannoma: a case report. Di Gregorio C, et al. **Appl Pathol** 1984;2(2):110-5
Nitroxides as redox probes of melanins: dark-induced and photoinduced changes in redox equilibria. Sarna T, et al. **Arch Biochem Biophys** 1985 May 15;239(1):226-33
A pigmented odontogenic keratocyst. Macleod RI, et al. **Br J Oral Maxillofac Surg** 1985 Jun;23(3):216-9
Ocular melanin pigmentation anomalies in cats, cattle, mink, and mice with Chediak-Higashi syndrome: histologic observations. Collier LL, et al. **Curr Eye Res** 1984 Oct; 3(10):1241-51
The melanin binding of drugs and its implications. Ings RM. **Drug Metab Rev** 1984;15(5-6):1183-212 (90 ref.)
Fish melanin-concentrating hormone disperses melanin in amphibian melanophores. Ide H, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):486-90
Ultrastructure of the melanization response of Aedes trivittatus against inoculated Dirofilaria immitis microfilariae. Forton KF, et al. **J Parasitol** 1985 Jun; 71(3):331-41
Effect of tissue selection on melanization of MI hamster melanoma. Słomiński A, et al. **Neoplasma** 1984;31(5):551-6
Melanin, an adrenochrome's metabolism in epidermoid carcinoma: two case reports. Babcock PP, et al. **NY J Dent** 1984 Sep-Oct;54(6):259-66
Accumulation of drugs on inner ear melanin. Therapeutic and ototoxic mechanisms. Wästerström SA. **Scand Audiol [Suppl]** 1984;23:1-40
[Pigment and ion transport in the vestibular organ] Meyer zum Gottesberge-Orsulakova A. **Laryngol Rhinol Otol (Stuttg)** 1985 Jul;64(7):364-7 (Eng. Abstr.) **(Ger)**
[A trial in removing melanin from the dermis] Takematsu H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Dec; 94(14):1599-607 **(Jpn)**
[Generation of superoxides during the interaction of melanins with oxygen] Lapina VA, et al. **Biokhimiia** 1984 Oct; 49(10):1712-8 (Eng. Abstr.) **(Rus)**
[Interaction of oxygen anion radicals with eye melanins and ommochromes] Lapina VA, et al. **Dokl Akad Nauk SSSR** 1985;280(6):1463-5 **(Rus)**
[Photoactivation of the catalytic properties of a melanin pigment of fungal origin] Zhdanov NN, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Mar-Apr;(2):304-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Role of superoxide and hydrogen peroxide in cell lysis during irradiation in vitro of Ehrlich ascitic carcinoma cells in the presence of melanin. Menon IA, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):278-83
Fish melanin-concentrating hormone disperses melanin in amphibian melanophores. Ide H, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):486-90
Effect of melanin on radiation response of CHO cells. Hopwood LE, et al. **Int J Radiat Biol** 1985 May;47(5):531-7
Salmonid melanin-concentrating hormone inhibits corticotrophin release. Baker BI, et al. **J Endocrinol** 1985 Aug;106(2):R5-8
Effects of melanin on lysosomal enzymes in bovine ciliary body and iris in vitro. Nakazawa M, et al. **Jpn J Ophthalmol** 1985;29(1):37-41

PHYSIOLOGY

What is the function of melanin? Morison WL. **Arch Dermatol** 1985 Sep;121(9):1160-3
Photoprotective role of epidermal melanin granules against ultraviolet damage and DNA repair in guinea pig skin. Ishikawa T, et al. **Cancer Res** 1984 Nov;44(11):5195-9
Phonon-electron coupling as a possible transducing mechanism in bioelectronic processes involving neuromelanin. Lacy ME. **J Theor Biol** 1984 Nov 7; 111(1):201-4
A new view of pigmented neurons. McGinness J. **J Theor Biol** 1985 Aug 7;115(3):475-6
[Dynamics of the redistribution of pigment granules in the dermal melanophores of anuran amphibians. 1. Dispersion] Nikeriasova EN, et al. **Ontogenez** 1984 Nov-Dec; 15(6):616-25 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Photosensitization of melanin: an electron spin resonance study of sensitized radical production and oxygen consumption. Sealy RC, et al. **Photochem Photobiol** 1984 Oct;40(4):453-9

URINE

[Diffuse melanosis and melanuria in malignant melanoma] Woscoff A, et al. **Med Cutan Ibero Lat Am** 1984;12(6):501-8 (Eng. Abstr.) **(Spa)**

MELANOCYTE-STIMULATING HORM RELEASE INHIBITING HORMONE see MSH RELEASE INHIBITING HORMONE

MELANOCYTE-STIMULATING HORM RELEASING HORMONE see MSH RELEASING HORMONE

MELANOCYTE-STIMULATING HORMONES see MSH

MELANOCYTES

Establishment of proliferative, pure cultures of pigmented chicken melanocytes from neural tubes. Boissy RE, et al. **J Invest Dermatol** 1985 Feb;84(2):158-61
Selective cultivation of human melanocytes from newborn and adult epidermis. Gilchrest BA, et al. **J Invest Dermatol** 1984 Nov;83(5):370-6

ANALYSIS

[Demonstration of calmodulin in cultured human malignant melanocytes by indirect immunofluorescence] Dutoit C, et al. **Bull Cancer (Paris)** 1985;72(2):75-9 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Modification of the original technique of Champy: a simple procedure for staining melanocytes. Mallardi F, et al. **Basic Appl Histochem** 1985;29(1):81-4
Experimental analysis of the extensive pigmentation in the Silkie fowl embryo: evidence for an environmental regulatory process. Ferrand R, et al. **Experientia** 1985 Apr 15;41(4):512-4
Isolation and characterization of a factor from calf serum that promotes the pigmentation of embryonic and transformed melanocytes. Jerdan JA, et al. **J Cell Biol** 1985 May;100(5):1493-8
The presence or absence of melanocytes in the human optic nerve and its meningeal sheaths. Kojima K, et al. **Kurume Med J** 1984;31(2):167-70
Growth regulation of human melanocytes: mitogenic factors in extracts of melanoma, astrocytoma, and fibroblast cell lines. Eisinger M, et al. **Science** 1985 Sep 6;229(4717):984-6
A simple and economical modification of the Masson-Fontana method for staining melanin granules and enterochromaffin cells. Barbosa AJ, et al. **Stain Technol** 1984 Jul;59(4):193-6

DRUG EFFECTS

The stimulation of normal human melanocyte proliferation in vitro by melanocyte growth factor from bovine brain. Wilkins L, et al. **J Cell Physiol** 1985 Mar;122(3):350-61
[Effect of photochemotherapy on the melanocyte function of normal skin in short-term culture] Kapkaev RA, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):10-2 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

The possible processing of tyrosinase in the Golgi complexes of the melanocyte. Tomita Y, et al. **J Dermatol (Tokyo)** 1985 Feb;12(1):43-6
[The mechanism of depigmentation by hydroquinone: a study on suppression and recovery processes of tyrosinase activity in the pigment cells in vivo and in vitro] Hashimoto A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jun; 94(7):797-804 **(Jpn)**

IMMUNOLOGY

Human interferon-gamma induces expression of HLA-DR on keratinocytes and melanocytes. Auböck J, et al. **Arch Dermatol Res** 1985;277(4):270-5
Surface antigens of melanomas and melanocytes defined by mouse monoclonal antibodies: specificity analysis and comparison of antigen expression in cultured cells and tissues. Real FX, et al. **Cancer Res** 1985 Sep;45(9):4401-11
Uveitis in melanomatous swine: lack of evidence for humoral immune melanocyte destruction. Feeney-Burns L, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):551-60
Recombinant gamma-interferon induces changes in expression and shedding of antigens associated with normal human melanocytes, nevus cells, and primary and metastatic melanoma cells. Herlyn M, et al. **J Immunol** 1985 Jun;134(6):4226-30
Analysis of major histocompatibility antigens and the mononuclear cell infiltrate in halo nevi. Bergman W, et al. **J Invest Dermatol** 1985 Jul;85(1):25-9
[Involvement of Ia-positive accessory cells for activation of cytotoxic T lymphocyte specific for melanocyte-associated antigens in patients with Vogt-Koyanagi-Harada disease] Maezawa N, et al. **Nippon Ganka Gakkai Zasshi** 1985 Mar; 89(3):440-6 (Eng. Abstr.) **(Jpn)**

METABOLISM

Concurrent releases of norepinephrine and purines by potassium from adrenergic melanosome-aggregating nerve in tilapia. Kumazawa T, et al. **Comp Biochem Physiol [C]** 1984;78(2):263-6
Distribution of laminin and collagen type-IV in benign and malignant lesions of melanocytic origin. Natali PG, et al. **Int J Cancer** 1985 Apr 15;35(4):461-7
On the occurrence of cysteinyldopa and dopa in melanocytes

and benign nevi cells. Falck B, et al. **Scand J Plast Reconstr Surg** 1976;10(3):185-8

[Lectin-binding sites and patterns of melanin-producing cells] Uno A, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):897-905 **(Jpn)**

[Generation of superoxides during the interaction of melanins with oxygen] Lapina VA, et al. **Biokhimiia** 1984 Oct; 49(10):1712-8 (Eng. Abstr.) **(Rus)**

[Binding of iron ions by shielding eye pigments of vertebrates and invertebrates--melanosomes and ommochromes] Lapina VA, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):12-5 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Clefts as clues to melanocytes in the stratum corneum. Bronson DM, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:161-2

The histogenesis of acquired melanocytic nevi. Based on a new concept of melanocytic differentiation. Cramer SF. **Am J Dermatopathol** 1984 Summer;6 Suppl:289-98

Familial melanopathy with gigantic melanocytes. el Darouti MA. **Am J Dermatopathol** 1984 Summer;6 Suppl:31-4

Differentiation of melanocytic nevi from malignant melanomas in palms, soles, and nail beds solely by signs in the cornified layer of the epidermis. Kerl H, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:159-60

Malignant melanoma in situ, precancerous melanosis, or atypical intraepidermal melanocytic proliferation. Rywlin AM. **Am J Dermatopathol** 1984 Summer;6 Suppl:97-9

Behavior of melanocytes in reticulate acropigmentation of Kitamura. Mizoguchi M, et al. **Arch Dermatol** 1985 May; 121(5):659-61

Proliferation of melanocytes in keratoacanthoma [letter] Sanchez-Yus E, et al. **Arch Dermatol** 1985 Aug; 121(8):968-9

Fine structural characterization of melanosomes in dysplastic nevi. Takahashi H, et al. **Cancer** 1985 Jul 1;56(1):111-23

Density of dopa-positive melanocytes in dyschromatosis symmetrica hereditaria. Hata S, et al. **Dermatologica** 1985; 171(1):27-9

Supermelanotic hybrids between mouse teratocarcinoma and mouse melanoma cells. Watanabe T. **Exp Cell Res** 1984 Oct;154(2):625-31

Dysplasia, dysplastic melanocytes, dysplastic nevi, the dysplastic nevus syndrome, and the relation between dysplastic nevi and malignant melanomas. Ackerman AB, et al. **Hum Pathol** 1985 Jan;16(1):87-91

Bilateral diffuse benign melanocytic tumours of the uveal tract. A clinicopathological study. de Wolff-Rouendaal D. **Int Ophthalmol** 1985 Mar;7(3-4):149-60

Vitiligo and melanoma: can genetically abnormal melanocytes result in both vitiligo and melanoma within a single family? Lerner AB, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):696-701

Colonization of nonmelanocytic cutaneous lesions by dendritic melanocytic cells: a simulant of acral-lentiginous (palmar-plantar-subungual-mucosal) melanoma. Lambert MW, et al. **J Surg Oncol** 1985 Jan;28(1):12-8

Expression of a melanocyte phenotype in human neuroblastoma cells in vitro. Ross RA, et al. **Prog Clin Biol Res** 1985;175:249-59

Neuronal, Schwannian and melanocytic differentiation of human neuroblastoma cells in vitro. Tsokos M, et al. **Prog Clin Biol Res** 1985;175:55-68

[Establishment of image analyzing system for evaluation of melanocyte morphology] Ishida O, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):17-22 **(Jpn)**

PHYSIOLOGY

On the migration of epidermal melanoblasts in the avian embryonic wing bud. Wachtler F. **Anat Embryol (Berl)** 1984;170(3):307-12

Substrate influences human epidermal melanocyte attachment and spreading in vitro. Gilchrest BA, et al. **In Vitro Cell Dev Biol** 1985 Feb;21(2):114-20

ULTRASTRUCTURE

Ultrastructure of the cell types of the anterior hypophysis in a lizard v. caudal gonadotrophs, melanotrophs, and other caudal cells; true follicles, syncytial areas, and possible evolution of the cell types. Del Conte E. **Acta Cient Venez** 1984;35(2):116-26

Macromelanosomes in X-linked ocular albinism (XLOA). Yoshiike T, et al. **Acta Derm Venereol (Stockh)** 1985; 65(1):66-9

Type IV melanosomes of the human albino iris. McCartney AC, et al. **Br J Ophthalmol** 1985 Jul;69(7):537-41

Premelanosomes in the oocytes of Triturus cristatus. Moos J, et al. **Folia Morphol (Praha)** 1985;33(1):99-102

High melanosome engulfing activity of cutaneous fibroblasts in macular amyloidosis: an electron microscopic study. Ishii M, et al. **J Cutan Pathol** 1984 Dec;11(6):476-84

[Electron microscopic observations of hair-matrix melanosomes--morphological differences due to hair color] Hori Y, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Aug; 94(9):1021-9 **(Jpn)**

[Ultrastructural study of eruptive cellular nevi, with special reference to spherical melanosomes] Sakamoto F, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Jul;94(8):927-35 **(Jpn)**

[Clinical, histopathological and ultrastructural characteristics of dysplastic melanocytic nevus in comparison to cutaneous malignant melanoma--II: Ultrastructural characteristics of melanocytes and melanosomes] Takahashi H, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):455-66 **(Jpn)**

[The dermal melanocytes in the scrotal skin of C-57BL mice] Tezuka T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):677-80 **(Jpn)**

MELANOMA

Radiation therapy for brain metastases from malignant melanoma. Stridsklev IC, et al. **Acta Radiol [Oncol]** 1984; 23(4):231-5

Malignant melanoma and other melanocytic neoplasms. **Am J Dermatopathol** 1984 Summer;6 Suppl:1-340

More than conventional microscopy is now required for study of moles and malignant melanomas [editorial] Ackerman AB. **Am J Dermatopathol** 1984 Summer;6 Suppl:10-2

Elective lymph node dissection in stage I melanoma--necessary or not? Adams CM, et al. **Am Surg** 1985 Sep;51(9):504-7 (31 ref.)

Response to heat treatment (42.5 degrees C) in vivo and in vitro of five human melanoma xenografts. Rofstad EK, et al. **Br J Radiol** 1984 Nov;57(683):1023-32

Cancer and pregnancy [letter] Hawk JC Jr. **CA** 1985 Mar-Apr;35(2):127

Nutrition and melanoma. Wagner RF Jr, et al. **Int J Dermatol** 1984 Sep;23(7):453-7 (44 ref.)

Consensus Conference on Precursors to Malignant Melanoma. **J Dermatol Surg Oncol** 1985 May;11(5):537-42

A retrospective study of 304 cases of malignant melanoma in Malmö 1952-71. Mattsson W, et al. **Scand J Plast Reconstr Surg** 1976;10(3):189-95

Minimal deviation melanoma. Barr LH, et al. **Surg Gynecol Obstet** 1984 Dec;159(6):546-8

[Malignant melanoma of the orbit. Case reports] Vlková E, et al. **Cesk Oftalmol** 1985 May;41(3):166-72 (Eng. Abstr.) **(Cze)**

[Manifestations of malignant melanoma in the ORL area] Cervenka J. **Cesk Otolaryngol** 1984 Nov;33(6):350-5 (Eng. Abstr.) **(Cze)**

[Clinico-biologic and therapeutic aspects of 76 cutaneous melanomas] Scalco GB, et al. **Minerva Chir** 1984 Aug 15-31;39(15-16):1101-6 (Eng. Abstr.) **(Ita)**

[2 cases of distant metastases melanoma of the skin to pharyngeal mucosa] Lewandowski D. **Otolaryngol Pol** 1984;38(2):181-5 (Eng. Abstr.) **(Pol)**

ANALYSIS

S-100 protein in melanocytic tumors. An immunohistochemical investigation of benign and malignant melanocytic tumors and metastases of malignant melanoma and a characterization of the antigen in comparison to human brain. Kindblom LG, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Jul; 92(4):219-30

Characterization of human uveal melanoma cells by phosphorus 31 nuclear magnetic resonance spectroscopy. Kolodny NH, et al. **Am J Ophthalmol** 1985 Jul 15; 100(1):38-44

Estrogen and progesterone receptors in melanocytic lesions. Occurrence in patients with dysplastic nevus syndrome. Ellis DL, et al. **Arch Dermatol** 1985 Oct;121(10):1282-5

Quantitative analysis of eumelanin and pheomelanin in human malignant-melanoma tissues. Morishima T, et al. **Arch Dermatol Res** 1985;277(3):248-50

Steroid receptors in a group of Brazilian melanoma patients. Belizário JE, et al. **Braz J Med Biol Res** 1984;17(1):21-6

Electron spin resonance and high pressure liquid chromatographic analysis of melanin in posterior choroidal melanomas. Angiolillo PJ, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):61-5

Immunohistochemical localization of ganglioside GD3 in human malignant melanoma, epithelial tumors, and normal tissues. Dippold WG, et al. **Cancer Res** 1985 Aug; 45(8):3699-705

Characterization of the human melanoma nerve growth factor receptor. Grob PM, et al. **J Biol Chem** 1985 Jul 5;260(13):8044-9

Estrogen and progesterone receptors in primary cutaneous melanoma. Ellis DL, et al. **J Dermatol Surg Oncol** 1985 Jan;11(1):54-9

Analysis of tyrosinases as asparagin-linked oligosaccharides by concanavalin A lectin chromatography: appearance of new segment of tyrosinases in melanoma cells following interrupted melanogenesis induced by glycosylation inhibitors. Imokawa G, et al. **J Invest Dermatol** 1985 Aug; 85(2):165-8

Localization of the gangliosides GD2 and GD3 in adhesion plaques and on the surface of human melanoma cells. Cheresh DA, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5767-71

[A case of clear cell sarcoma of tendons and aponeuroses with a large amount of melanin--malignant melanoma of the soft part] Okamoto T, et al. **Gan No Rinsho** 1984 Sep; 30(11):1417-21 (Eng. Abstr.) **(Jpn)**

[Content of eumelanin and pheomelanin in malignant melanoma tissues in the Japanese] Fukada E. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):487-93 **(Jpn)**

BLOOD

Vitamin A and non-epithelial tumours. Tyler HA, et al. **Br J Cancer** 1985 Mar;51(3):425-7

Hemostatic alterations are unrelated to the stage of tumor in untreated malignant melanoma and breast carcinoma. Mannucci PM, et al. **Eur J Cancer Clin Oncol** 1985 Jun; 21(6):681-5

BLOOD SUPPLY

Capillary blood flow in the amelanotic melanoma of the hamster after isovolemic hemodilution. Oda T, et al. **Biorheology** 1984;21(4):509-20

Vascular structure of the C3H mammary carcinoma, the B16 melanoma and the Lewis lung carcinoma in syngeneic, conventional mice and congenitally athymic mice. Solesvik OV, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):499-505

The fine structure of tumor blood vessels. I. Participation of non-endothelial cells in tumor angiogenesis. Hammersen F, et al. **Int J Microcirc Clin Exp** 1985;4(1):31-43

CEREBROSPINAL FLUID

[Cerebrospinal fluid (CSF) cytology of intracranial melanoma. Report of 2 cases] Hou XD. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):154-5 (Eng. Abstr.) **(Chi)**

CHEMICALLY INDUCED

Development of malignant melanoma after levodopa therapy for Parkinson's disease. Report of a case and review of the literature. Kochar AS. **Am J Med** 1985 Jul;79(1):119-21

Hutchinson's melanotic freckle melanoma and the use of non-permanent hair dyes [letter] Armstrong BK, et al. **Br J Cancer** 1985 Jul;52(1):135

Oral contraceptive use and malignant melanoma in Australia. Beral V, et al. **Br J Cancer** 1984 Nov;50(5):681-5

Mouse skin melanoma induced in two stage chemical carcinogenesis with 7,12-dimethylbenz[a]anthracene and croton oil. Takizawa H, et al. **Carcinogenesis** 1985 Jun; 6(6):921-3

Levodopa and melanoma: three cases and review of literature. Rampen FH. **J Neurol Neurosurg Psychiatry** 1985 Jun;48(6):585-8

Induction of transplantable melanoma by treatment with N-methyl-N'-nitro-N-nitrosoguanidine in an inbred strain of the teleost Oryzias latipes. Hyodo-Taguchi Y, et al. **JNCI** 1984 Nov;73(5):1219-27

CLASSIFICATION

A classification of melanocytic dysplasias and malignant melanomas. Reed RJ. **Am J Dermatopathol** 1984 Summer; 6 Suppl:195-206

Melanoma-in-situ: what's in a name? [editorial] Davis NC, et al. **Aust NZ J Surg** 1984 Aug;54(4):301-2

Clinical-biologic patterns of metastatic melanoma and their effect on treatment. Berdeaux DH, et al. **Cancer Treat Rep** 1985 Apr;69(4):397-401

Borderline melanocytic tumors. Weedon D. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):266-70

Capsule dermatopathology: clinicopathologic types of malignant melanoma--relevance to biologic behavior and diagnostic surgical approach. Murphy GF, et al. **J Dermatol Surg Oncol** 1985 Jul;11(7):674-82 (24 ref.)

[Establishment of a 2-stage prognostic classification of primary malignant melanoma derived from a multidimensional analysis and from an agreement study] Chastang C, et al. **Rev Epidemiol Sante Publique** 1984; 32(3-4):243-8 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Malignant melanoma in association with lichen sclerosus on the vulva of a 14-year-old. Friedman RJ, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:253-6

Lack of association between intraocular melanoma and cutaneous dysplastic nevi. Taylor MR, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):478-82

Airway obstruction from metastatic melanoma [letter] Feldstein JS, et al. **Ann Emerg Med** 1985 Aug;14(8):830-1

Hypercalcemia and abnormal bone scan patterns [letter] Smith RE. **Arch Intern Med** 1985 Jul;145(7):1335

Demographic study of clinically atypical (dysplastic) nevi in patients with melanoma and comparison subjects. Nordlund JJ, et al. **Cancer Res** 1985 Apr;45(4):1855-61

A case of melanosis oculi with malignant melanoma of the choroid. Brini A. **Int Ophthalmol** 1985 Mar;7(3-4):169-74

A complicated case of ciliary body melanoma and glaucoma. Lee WR, et al. **Int Ophthalmol** 1985 Mar;7(3-4):175-81

Dysplastic nevus syndrome with multiple primary amelanotic melanomas in oculocutaneous albinism. Pehamberger H, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 2):731-5

Blurred vision associated with melanoma of the ciliary body. Weissman BA, et al. **J Am Optom Assoc** 1985 May; 56(5):396-8

Pigmented basal cell carcinoma and superficial spreading malignant melanoma: an unusual combination. Bhawan J, et al. **J Cutan Pathol** 1984 Dec;11(6):471-5

Congenital-nevus-like nevi, nevi spili, and café-au-lait spots in patients with malignant melanoma. Kopf AW, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):275-80

Retinoblastoma, eosinophilic granuloma, and malignant melanoma: a case report. Casson AG, et al.

Med Pediatr Oncol 1984;12(5):347-8

[Cutaneous achromia and malignant melanoma] Barrière H, et al. **Ann Dermatol Venereol** 1984;111(11):991-6 (Eng. Abstr.) **(Fre)**

[Occlusion of the small intestine caused by metastatic neoplasms] di Natale I. **Chir Ital** 1984 Feb;36(1):91-5 (Eng. Abstr.) **(Ita)**

[Malignant melanoma in a child with extensive vascular nevus] Krieger AM. **Patol Pol** 1984 Jul-Sep;35(3):397-402 (Eng. Abstr.) **(Pol)**

[Dermatomyositis in a patient with melanoma of the foot] Golovchenko DIa, et al. **Vestn Dermatol Venerol** 1984 Dec;(12):50-2 (Eng. Abstr.) **(Rus)**

[Primary malignant melanoma of the esophagus associated with melanosis of the esophagus and stomach] Alberti JE, et al. **Acta Gastroenterol Latinoam** 1984;14(2):139-48 (Eng. Abstr.) **(Spa)**

[Diffuse melanosis and melanuria in malignant melanoma] Woscoff A, et al. **Med Cutan Ibero Lat Am** 1984;12(6):501-8 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Cytologic diagnosis of amelanotic melanoma [letter] Kapila K, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):498-500

From the National Institutes of Health. Precursors to malignant melanoma. **Am J Dermatopathol** 1984 Summer;6 Suppl:169-74

Histopathologists can diagnose malignant melanoma in situ correctly and consistently. Ackerman AB. **Am J Dermatopathol** 1984 Summer;6 Suppl:103-7

A program for detection of early lesions of cutaneous malignant melanoma in the province of Trento (Italy). Cristofolini M, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:283-5

An occult primary malignant melanoma in a black. Initial diagnosis by aspiration biopsy cytology of a metastasis. Kannan V, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:265-70

Differentiation of melanocytic nevi from malignant melanomas in palms, soles, and nail beds solely by signs in the cornified layer of the epidermis. Kerl H, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:159-60

Pseudobullous malignant melanoma in situ. A pitfall in diagnosis. Lefer LG. **Am J Dermatopathol** 1984 Summer;6 Suppl:261-4

On biopsying lesions suspected of being malignant melanomas [letter] Rampen FH, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:350-1

Preventing deaths from malignant melanomas. Redman JC, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:277-82

Conjunctival inclusion cyst simulating malignant melanoma. Jahnle RL, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):483-4

Head and neck melanoma in 534 clinical Stage I patients. A prognostic factors analysis and results of surgical treatment. Urist MM, et al. **Ann Surg** 1984 Dec;200(6):769-75

Immunohistological detection of human malignant melanoma using monoclonal antibody to a melanoma-associated antigen. Kageshita T, et al. **Arch Dermatol Res** 1985;277(4):334-6

Nevoid malignant melanoma. Schmoeckel C, et al. **Arch Dermatol Res** 1985;277(5):362-9

Standardized echography in uveal melanomas with scleral or extraocular extension. Farah ME, et al. **Arch Ophthalmol** 1984 Oct;102(10):1482-5

Formaldehyde-induced fluorescence in melanomas and other lesions. Diagnostic significance and mechanism of fluorescence. Dalal BI, et al. **Arch Pathol Lab Med** 1985 Jun;109(6):551-4

Melanoma: issues of importance to the clinician. Davis NC. **Br J Hosp Med** 1985 Mar;33(3):166-70

Subungual malignant melanoma: a review article. Briggs JC. **Br J Plast Surg** 1985 Apr;38(2):174-6 (23 ref.)

Early detection of malignant melanoma: the role of physician examination and self-examination of the skin. Friedman RJ, et al. **CA** 1985 May-Jun;35(3):130-51

Epidermotropic malignant melanoma: the distinction between metastatic and new primary lesions in the skin. Jackson R. **Can J Surg** 1984 Nov;27(6):533-5 (10 ref.)

Radiolocalization of xenografted human malignant melanoma by a monoclonal antibody (9.2.27) to a melanoma-associated antigen in nude mice. Hwang KM, et al. **Cancer Res** 1985 Sep;45(9):4150-5

Increased labeling of human melanoma cells in vitro using combinations of monoclonal antibodies recognizing separate cell surface antigenic determinants. Krizan Z, et al. **Cancer Res** 1985 Oct;45(10):4904-9

Pseudomelanoma in a black patient. Bruce DR, et al. **Cutis** 1985 Jul;36(1):73-4

Malignant melanoma of the nasal cavity and maxillary sinus. Clark JL, et al. **Ear Nose Throat J** 1984 Oct;63(10):505-8

Malignant melanoma in Jordan. Oumeish OY. **Int J Dermatol** 1984 Sep;23(7):480-2

A model for acoustic characterization of intraocular tumors. Coleman DJ, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):545-50

Crucial importance of the complete skin examination [letter] Kaminester LH. **J Am Acad Dermatol** 1985 Jul;13(1):150-3

Sentinel episcleral vessels. A clue to the diagnosis of asymptomatic ciliary body melanoma. Garmizo G. **J Am Optom Assoc** 1984 Aug;55(8):599-600

Darkly pigmented lesions in dark-skinned patients. Kalter DC, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):876-81

Seborrheic keratosis? [letter] Rapini RP. **J Dermatol Surg Oncol** 1985 Jan;11(1):74

Distinguishing cancer and noncancer. Elder DE. **J Invest Dermatol** 1985 Jul;85(1):1-3

Monoclonal antibodies selected to discriminate between malignant melanomas and nevocellular nevi. Ruiter DJ, et al. **J Invest Dermatol** 1985 Jul;85(1):4-8

Primary melanoma of the middle ear. McKenna EL Jr, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1459-60

Pigmented moles in children [letter] Milton GW. **Med J Aust** 1984 Dec 8-22;141(12-13):903

Case for diagnosis: neurotropic melanoma of the neck. Dupree WB. **Milit Med** 1985 Mar;150(3):165-7

Prevention of melanoma by recognition of its precursors [editorial] Fitzpatrick TB, et al. **N Engl J Med** 1985 Jan 10;312(2):115-6

Uveal melanoma presenting after cataract extraction with intraocular lens implantation. Chess J, et al. **Ophthalmology** 1985 Jun;92(6):827-30

Cataract surgery and intraocular lenses in patients with unsuspected malignant melanoma of the ciliary body and choroid. Shields JA, et al. **Ophthalmology** 1985 Jun;92(6):823-6

Melanoma masquerading as Spitz nevus following acute lymphoblastic leukemia. Goldes J, et al. **Pediatr Dermatol** 1984 Apr;1(4):295-8

Ocular and orbital lesions: surface coil MR imaging. Bilaniuk LT, et al. **Radiology** 1985 Sep;156(3):669-74

Choroidal melanoma: comparison of CT, fundoscopy, and US. Peyster RG, et al. **Radiology** 1985 Sep;156(3):675-80

Fluorescein angiography of choroidal malignant melanomas with retinal invasion. Augsburger JJ, et al. **Retina** 1984 Fall-Winter;4(4):232-41

Differential diagnosis of intraocular neoplasms with ultrasonography. Verbeek AM. **Ultrasound Med Biol** 1985 Jan-Feb;11(1):163-70

[Fluorescein angiography in malignant melanoma of the choroid] Wang YQ. **Chung Hua Yen Ko Tsa Chih** 1984 Mar;20(2):65-70 **(Chi)**

[Early diagnosis of malignant melanoma of the skin] Belšan I. **Cas Lek Cesk** 1985 Jun 28;124(26):813-5 (Eng. Abstr.) **(Cze)**

[Consensus melanoma of the skin] Rampen FH, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):785-8 (Eng. Abstr.) **(Dut)**

[Comparative clinical study of pyogenic granuloma and amelanotic melanoma of the skin] Scholtes JH, et al. **Ned Tijdschr Geneeskd** 1985 Feb 9;129(6):256-60 (Eng. Abstr.) **(Dut)**

[Spitz juvenile melanoma (multiple form)] Prigent F. **Ann Pediatr (Paris)** 1984 Oct;31(8):673-5 (Eng. Abstr.) **(Fre)**

[Malignant melanomas in pregnancy] Landthaler M, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1319-23 (Eng. Abstr.) **(Ger)**

[Value of some serologic tumor tests for the diagnosis of malignant melanoma of the choroid] Klein J, et al. **Fortschr Ophthalmol** 1984;81(4):370-1 (Eng. Abstr.) **(Ger)**

[The malignant melanoma in situ: the flat, curable stage of malignant melanoma] Ackerman AB. **Hautarzt** 1985 Jun;36(6):317-9 **(Ger)**

[Infrared thermography in malignant melanoma. Diagnostic potential and limits] Michel U, et al. **Hautarzt** 1985 Feb;36(2):83-9 (Eng. Abstr.) **(Ger)**

[Significance of infrared angiography in the differential diagnosis of choroid tumors] Bischoff P. **Klin Monatsbl Augenheilkd** 1985 Mar;186(3):187-93 (Eng. Abstr.) **(Ger)**

[Malignant melanoma of the oral mucosa--review and case report] Paulus GW, et al. **Schweiz Monatsschr Zahnmed** 1984 Sep;94(9):791-800 (41 ref.) (Eng. Abstr.) **(Ger)**

[Malignant melanoma: early detection and prognosis] Wolff K, et al. **Wien Klin Wochenschr** 1985 May 10;97(10):451-5 **(Ger)**

[New viewpoints on the prognostic index in malignant melanomas] Keller D, et al. **Z Hautkr** 1985 Feb 1;60(3):279-82 (Eng. Abstr.) **(Ger)**

[Prognostic factors in malignant melanoma (editorial)] Trau H, et al. **Harefuah** 1984 Jun 15;106(12):578-9 **(Heb)**

[Echographic profile of senile disciform macular degeneration and problems of differential diagnosis] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1245-51 (Eng. Abstr.) **(Ita)**

[Primary malignant melanoma of the orbit A- and B-scan echographic characteristics] Motolese E, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1239-44 (Eng. Abstr.) **(Ita)**

[Clinical application of monoclonal antibodies to human malignant melanoma-associated antigens] Kageshita T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1744-8 (Eng. Abstr.) **(Jpn)**

[Cytodiagnosis of malignant melanoma by the formaldehyde-induced fluorescence method] Morishima T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Mar;95(4):505-8 **(Jpn)**

[A study on quick diagnosis during surgery of malignant melanoma with the touch-fluorescence method] Nagashima N, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Apr;95(5):597-602 **(Jpn)**

[Prognosis and treatment of malignant choroid melanoma] Păcurariu I. **Rev Chir [Oftalmol]** 1984 Jul-Sep;28(3):161-7 (23 ref.) (Eng. Abstr.) **(Rum)**

[NMR tomography of experimental malignant neoplasms in vivo] Iushmanov VE, et al. **Dokl Akad Nauk SSSR** 1985;282(3):734-6 **(Rus)**

[Method of diagnosing intraocular neoplasm by using flashing light] Tiukhaĭ SV, et al. **Oftalmol Zh** 1984;(8):500 **(Rus)**

[Primary ano-rectal melanoma, a new case] Pérez Blanco J, et al. **Rev Esp Enferm Apar Dig** 1985 Jan;67(1):77-80 (Eng. Abstr.) **(Spa)**

DIET THERAPY

The effect of a phenylalanine and tyrosine restricted diet on elemental balance studies and plasma aminograms of patients with disseminated malignant melanoma. Lawson DH, et al. **Am J Clin Nutr** 1985 Jan;41(1):73-84

DRUG THERAPY

Phase II evaluation of L-alanosine (NSC-153353) for patients with disseminated malignant melanoma. Creagan ET, et al. **Am J Clin Oncol** 1984 Oct;7(5):543-4

Adjuvant chemotherapy of malignant melanoma. A pilot study. Hansson J, et al. **Am J Clin Oncol** 1985 Feb;8(1):47-50

A phase II study of dibromodulcitol (DBD) in stage IV melanoma. Hopkins J, et al. **Am J Clin Oncol** 1984 Oct;7(5):555-6

Streptozotocin for metastatic malignant melanoma. Lokich JJ, et al. **Am J Clin Oncol** 1985 Feb;8(1):45-6

Protracted vinblastine infusion. Phase I-II study in malignant melanoma and other tumors. Lokich JJ, et al. **Am J Clin Oncol** 1984 Oct;7(5):551-3

Palliation of esophageal malignancy with photodynamic therapy. McCaughan JS Jr, et al. **Ann Thorac Surg** 1985 Aug;40(2):113-20

Epifocal dinitrochlorobenzene therapy in malignant melanoma (experience during the last eight years). Illig L, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):293-8

Arterial infusion of dacarbazine and cisplatin for recurrent regionally confined melanoma. Frost DB, et al. **Arch Surg** 1985 Apr;120(4):478-80

Postsurgical adjuvant treatment of malignant melanoma patients by the thymic factor thymostimulin. Azizi E, et al. **Arzneimittelforsch** 1984;34(9):1043-7

Requirement of a reactive alpha, beta-unsaturated carbonyl for inhibition of tumor growth and induction of differentiation by 'A' series prostaglandins. Honn KV, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):34-40

Antitumor activity of N-phosphonacetyl-L-aspartic acid in combination with nitrobenzylthioinosine. Erlichman C, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3177-81

Potentiation by alpha-difluoromethylornithine of the activity of 3,4-dihydroxybenzylamine, a tyrosinase-dependent melanolytic agent, against B16 melanoma. Prakash NJ, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1887-90

Effects of recombinant leukocyte interferon (rIFN-alpha A) on tumour growth and immune responses in patients with metastatic melanoma. Hersey P, et al. **Br J Cancer** 1985 Jun;51(6):815-26

Isolated regional perfusion; anaesthetic technique, monitoring and blood replacement. Goldberg ME, et al. **Can Anaesth Soc J** 1984 Sep;31(5):552-8

A clinical and pharmacokinetic study of isolated limb perfusion with heat and melphalan for melanoma. Minor DR, et al. **Cancer** 1985 Jun 1;55(11):2638-44

Dosimetry of cytostatics in hyperthermic regional isolated perfusion. van Os J, et al. **Cancer** 1985 Feb 15;55(4):698-701

The use of BELD combination chemotherapy (bleomycin, vindesine, CCNU, and DTIC) in advanced malignant melanoma. Young DW, et al. **Cancer** 1985 May 1;55(9):1879-81

Regional perfusion for malignant melanoma and soft tissue sarcoma: a review. Muchmore JH, et al. **Cancer Invest** 1985;3(2):129-43 (81 ref.)

Activity of mitozolomide (NSC 353451), a new imidazotetrazine, against xenografts from human melanomas, sarcomas, and lung and colon carcinomas. Fodstad O, et al. **Cancer Res** 1985 Apr;45(4):1778-86

Mechanism of antitumor action of pyrimidinones in the treatment of B16 melanoma and P388 leukemia. Li LH, et al. **Cancer Res** 1985 Feb;45(2):532-8

Evaluation of the in vivo antitumor activity and in vitro cytotoxic properties of auranofin, a coordinated gold compound, in murine tumor models. Mirabelli CK, et al. **Cancer Res** 1985 Jan;45(1):32-9

Cyclophosphamide resistance developed in a human melanoma cell line. Boon MH, et al. **Cancer Treat Rep** 1984 Oct;68(10):1239-46

Combination cytotoxic chemotherapy with procarbazine, vincristine, and lomustine (POC) in disseminated malignant melanoma: 8 years' follow-up. Carmo-Pereira J, et al. **Cancer Treat Rep** 1984 Oct;68(10):1211-4

Phase II trial of gallium nitrate in patients with advanced malignant melanoma. Casper ES, et al. **Cancer Treat Rep** 1985 Sep;69(9):1019-20

Modulation of the activity of PALA by dipyridamole. Chan TC, et al. **Cancer Treat Rep** 1985 Apr;69(4):425-30

Combination chemotherapy with cisplatin, carmustine, dacarbazine, and tamoxifen in metastatic melanoma. Del Prete SA, et al. **Cancer Treat Rep** 1984 Nov;68(11):1403–5

Single-dose dacarbazine and dactinomycin in advanced malignant melanoma. Hochster H, et al. **Cancer Treat Rep** 1985 Jan;69(1):39–42

Cisplatin, vinblastine, and bleomycin in the treatment of metastatic melanoma: a phase II study of the Southeastern Cancer Study Group. Johnson DH, et al. **Cancer Treat Rep** 1985 Jul–Aug;69(7–8):821–4

Experience with the colony-forming (stem cell) assay of in vitro chemosensitivity in the management of patients with advanced malignant melanoma. MacKie RM, et al. **Cancer Treat Rep** 1984 Sep;68(9):1185–8

Multicenter phase II trial with 5-day continuous infusion of vindesine in metastatic malignant melanoma. Mayol XF, et al. **Cancer Treat Rep** 1984 Sep;68(9):1199–200

Phase II study of mitolactol in advanced malignant melanoma. Murray N, et al. **Cancer Treat Rep** 1985 Jun; 69(6):723–4

Phase II trial of vinblastine, bleomycin, and cisplatin (VBP) followed by dacarbazine and mitolactol in metastatic melanoma. Richman SP, et al. **Cancer Treat Rep** 1984 Nov; 68(11):1395–6

Lomustine, vincristine, and procarbazine in the treatment of metastatic malignant melanoma. Shelley W, et al. **Cancer Treat Rep** 1985 Sep;69(9):941–4

Phase II study of mitolactol in metastatic malignant melanoma. Simmonds MA, et al. **Cancer Treat Rep** 1985 Jan;69(1):65–7

Phase II trial of 4-demethoxydaunorubicin in patients with advanced malignant melanoma. Stanton G, et al. **Cancer Treat Rep** 1985 Jul–Aug;69(7–8):915–6

Phase II trial of 4'-epi-doxorubicin in metastatic melanoma. Torti FM, et al. **Cancer Treat Rep** 1984 Dec;68(12):1509–10

Spermidine level as a parameter in the treatment of patients with malignant melanoma. Smit JM, et al. **Eur J Nucl Med** 1985;10(5–6):276–7

Towards a rational perfusion strategy for malignant melanoma. Rampen FH. **Eur J Surg Oncol** 1985 Jun; 11(2):117–8

Changes in T and B lymphocyte subpopulations before, during and after chemotherapy for malignant melanoma. Bernengo MG, et al. **Int J Tissue React** 1984;6(6):505–11

Vindesine in advanced breast cancer, lymphoma and melanoma. A Colorado Clinical Oncology Group study. DiBella NJ, et al. **Invest New Drugs** 1984;2(3):323–8

Controlled study of DTIC versus DTIC plus epirubicin in metastatic malignant melanoma. Lopez M, et al. **Invest New Drugs** 1984;2(3):319–22

Phase II study of epirubicin in advanced malignant melanoma. Lopez M, et al. **Invest New Drugs** 1984; 2(3):315–7

Phase II trial of 1,4-dihydroxy-5,8-bis((2-((2-hydroxyethyl)amino)ethyl)a 9,10-anthracenedione dihydrochloride)(NSC 301739, DHAD) in patients with metastatic malignant melanoma. A Southwest Oncology Group pilot. Taylor SA, et al. **Invest New Drugs** 1985;3(1):67–9

Isolation perfusion for malignant melanoma of the extremity: a review. Cumberlin R, et al. **J Clin Oncol** 1985 Jul; 3(7):1022–31 (31 ref.)

Pilot trial of murine monoclonal antibodies in patients with advanced melanoma. Goodman GE, et al. **J Clin Oncol** 1985 Mar;3(3):340–52

Malignant melanoma in childhood: clinical course and response to chemotherapy. Hayes FA, et al. **J Clin Oncol** 1984 Nov;2(11):1229–34

Relation of in vitro colony survival to clinical response in a prospective trial of single-agent chemotherapy for metastatic melanoma. Meyskens FL Jr, et al. **J Clin Oncol** 1984 Nov;2(11):1223–8

Effects of topical retinoic acid on intracutaneously implanted S91 melanoma in mice. Levine N. **J Invest Dermatol** 1985 Aug;85(2):89–92

Antitumor effect of human recombinant interferon-beta against human melanomas transplanted into nude mice. Gomi K, et al. **J Pharmacobiodyn** 1984 Dec;7(12):951–61

Veno-occlusive liver disease after dacarbazine therapy (DTIC) for melanoma. Erichsen C, et al. **J Surg Oncol** 1984 Dec;27(4):268–70

Effect of variation of drug dosage on disease control and regional toxicity in prophylactic perfusion for Stage I extremity melanoma. Mikhail RA, et al. **J Surg Oncol** 1984 Dec;27(4):215–8

Effectiveness of anticancer drugs determined in nude mice inoculated with [125I]5-iodo-2'-deoxyuridine-prelabeled human melanoma cells. Lockshin A, et al. **JNCI** 1985 Apr; 74(4):899–903

Dipyridamole for treatment of melanoma [letter] Rhodes EL, et al. **Lancet** 1985 Mar 23;1(8430):693

Damages of DNA synthesis in normal and tumor cells with sugar alcohol derivatives. Sokolova IS, et al. **Neoplasma** 1984;31(6):667–73

In vitro studies of 2,4-dihydroxyphenylalanine, a prodrug targeted against malignant melanoma cells. Morrison ME, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2960–4

Photoradiation of choroidal malignant melanoma. Bruce RA Jr. **Prog Clin Biol Res** 1984;170:777–84

[Role of an anti-estrogen, tamoxifen, in the treatment of metastatic malignant melanoma] Quencez E, et al. **Ann Dermatol Venereol** 1985;112(4):341–6, 349 (Eng. Abstr.) **(Fre)**

[Hyperthermic isolation perfusion of the extremities in malignant melanomas and soft tissue sarcomas] Tonak J, et al. **Chirurg** 1984 Aug;55(8):499–504 **(Ger)**

[Isolated hyperthermic extremity perfusion with vindesine, dacarbazine and cisplatin in the treatment of malignant melanomas] Aigner KR, et al. **Onkologie** 1984 Dec; 7(6):348–53 (Eng. Abstr.) **(Ger)**

[Dye concentration measurements for the determination of leakage during and following normothermic cytostatic perfusion in the treatment of tumors of the extremities] Krauss J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):269–74 (Eng. Abstr.) **(Ger)**

[Budd-Chiari syndrome following dacarbazine therapy of malignant melanoma--an avoidable complication?] Leyh F, et al. **Z Hautkr** 1985 Jun 15;60(12):961–72 (Eng. Abstr.) **(Ger)**

[Phase III study of bestatin in patients with malignant skin tumors. (1) Malignant melanoma] Ikeda S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):77–85 (Eng. Abstr.) **(Jpn)**

[Utilization of melanin precursors for experimental chemotherapy of malignant melanoma] Jimbow K, et al. **Gan To Kagaku Ryoho** 1984 Oct;11(10):2125–32 (Eng. Abstr.) **(Jpn)**

[Control of multiple skin and lung metastasis of malignant melanoma by combined DAV and OK-432 chemoimmunotherapy in association with large-scale administration of indomethacin] Maeda K, et al. **Gan To Kagaku Ryoho** 1984 Nov;11(11):2434–7 (Eng. Abstr.) **(Jpn)**

[Changes in the metastasis of experimental tumors and in the antimetastatic effect of cytostatics in their pharmacological action on adrenergic processes] Veksler IG, et al. **Eksp Onkol** 1984;6(6):50–3 (Eng. Abstr.) **(Rus)**

EMBRYOLOGY

The neural crest origin of uveal melanomas. Arnesen K. **Int Ophthalmol** 1985 Mar;7(3–4):143–7

ENZYMOLOGY

Purification of hamster melanoma tyrosinases and structural studies of their asparagine-linked sugar chains. Ohkura T, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):63–77

Aggregation equilibria of tyrosinase of Harding-Passey mouse melanoma. Garcia-Borron JC, et al. **Biochem J** 1985 May 15;228(1):95–101

Calmodulin activation of adenylate cyclase in the mouse B16 melanoma. Mac Neil S, et al. **Biochem J** 1984 Dec 1; 224(2):453–60

Effects of actinomycin D and cycloheximide on the increase in tyrosinase activity of hamster amelanotic melanoma cells in vitro. Słomiński A, et al. **Biosci Rep** 1984 Dec; 4(12):1059–64

Prolonged stimulation of S91 melanoma tyrosinase by [Nle4, D-Phe7]-substituted alpha-melanotropins. Abdel Malek ZA, et al. **Cancer Res** 1985 Oct;45(10):4735–40

Purification and properties of a nucleoside triphosphatase from Sinclair swine. Williams MV. **Enzyme** 1984; 32(4):201–7

Adenosine deaminase activity in lymphocyte subpopulations of B-16 melanoma and normal C57BL bearing mice. Shohat B, et al. **Immunol Lett** 1984;8(6):307–10

Expression of collagenase IV (basement membrane collagenase) activity in murine tumor cell hybrids that differ in metastatic potential. Turpeenniemi-Hujanen T, et al. **JNCI** 1985 Jul;75(1):99–103

Diversity of melanoma plasma membrane proteinases: inhibition of collagenolytic and cytolytic activities by minocycline. Zucker S, et al. **JNCI** 1985 Sep;75(3):517–25

Stimulation of S91 melanoma tyrosinase activity by superpotent alpha-melanotropins. Marwan MM, et al. **Mol Cell Endocrinol** 1985 Jul;41(2–3):171–7

The effects of X irradiation, hyperthermia, and combined modality treatment on poly(ADPR)synthetase activity in human melanoma cells. Tamulevicius P, et al. **Radiat Res** 1984 Oct;100(1):65–77

[Serum L-DOPA oxidase activity in patients with malignant cutaneous melanoma] Lukács L, et al. **Orv Hetil** 1984 Oct 7;125(41):2483–6 (Eng. Abstr.) **(Hun)**

ETIOLOGY

An inquiry into the epidemiology of melanoma. Graham S, et al. **Am J Epidemiol** 1985 Oct;122(4):606–19

Color as a risk factor in iris melanoma. Rootman J, et al. **Am J Ophthalmol** 1984 Nov;98(5):558–61

Congenital nevi less than or equal to 10 cm as precursors to melanoma. 52 cases, a review, and a new conception. Illig L, et al. **Arch Dermatol** 1985 Oct;121(10):1274–81

Neurosarcomatous malignant melanoma arising in a neuroid giant congenital melanocytic nevus. Weidner N, et al. **Arch Dermatol** 1985 Oct;121(10):1302–6

Malignant melanoma of the tongue following low-dose radiation. Kalemeris GC, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):290–1

Sun exposure and the risk of melanoma. Green A. **Australas J Dermatol** 1984 Dec;25(3):99–102

Sunburn, suntan and the risk of cutaneous malignant melanoma--The Western Canada Melanoma Study. Elwood JM, et al. **Br J Cancer** 1985 Apr;51(4):543–9

Sunburn and malignant melanoma. Green A, et al. **Br J Cancer** 1985 Mar;51(3):393–7

Cutaneous malignant melanoma in women: exogenous sex hormones and reproductive factors. Holman CD, et al. **Br J Cancer** 1984 Nov;50(5):673–80

Do malignant melanoma cells arise from the hair follicle? [letter] Tobacman JK. **Br J Dermatol** 1985 Jun;112(6):727–8

The role of trauma in the aetiology of malignant melanoma: a review article. Briggs JC. **Br J Plast Surg** 1984 Oct; 37(4):514–6 (34 ref.)

Nodular malignant melanoma and multiple squamous cell carcinomas in a patient treated by photochemotherapy for psoriasis. Kemmett D, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1498

Malignant melanoma associated with mycosis fungoides. Flindt-Hansen H, et al. **Dermatologica** 1984;169(4):167–8

Initiation and promotion actions of ultraviolet radiation on malignant melanoma. Elwood JM. **IARC Sci Publ** 1984; (56):421–40

Cutaneous melanoma in relation to intermittent and constant sun exposure--the Western Canada Melanoma Study. Elwood JM, et al. **Int J Cancer** 1985 Apr 15;35(4):427–33

Gigantic malignant melanoma in a thermal burn scar. Goldberg NS, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 2):949–52

Sun and malignant melanoma. Kopf AW, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):674–84 (104 ref.)

Subungual melanoma following a single injury. Roberts AH. **J Hand Surg [Br]** 1984 Oct;9(3):328–30

Cutaneous malignant melanoma and fluorescent lighting. English DR, et al. **JNCI** 1985 Jun;74(6):1191–7

Thorn injury preceding malignant melanoma of foot in Nigeria [letter] Otu AA. **Lancet** 1985 Jan 26;1(8422):220–1

Hormonal factors and melanoma in women. Green A, et al. **Med J Aust** 1985 Apr 15;142(8):446–8

Which pigmented moles should be removed in prepubertal-age children? A case for a conservative approach. Keipert JA. **Med J Aust** 1984 Oct 13; 141(8):518–20

Sunlight exposure as risk factor for intraocular malignant melanoma. Tucker MA, et al. **N Engl J Med** 1985 Sep 26;313(13):789–92

Life-style factors among patients with melanoma. Hicks N, et al. **South Med J** 1985 Aug;78(8):903–8

[Sunshine and malignant melanoma. A possible connection between sunburn and the development of malignant melanoma] Thestrup-Pedersen K, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1839–41 (Eng. Abstr.) **(Dan)**

[Malignant degeneration of a congenital giant pigmented nevus] Khutiev TsS, et al. **Khirurgiia (Mosk)** 1985 Mar; (3):122 **(Rus)**

FAMILIAL & GENETIC

The NIH Consensus Report on 'Precursors to Malignant Melanoma'. A different perspective. Lynch HT, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:177–9

High risk of malignant melanoma in melanoma-prone families with dysplastic nevi. Greene MH, et al. **Ann Intern Med** 1985 Apr;102(4):458–65

Epigenetic effects of the methylating agent 5-(3-methyl-1-triazeno) imidazole-4-carboxamide in human melanoma cells. Hayward IP, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):597–606

Sister chromatid exchange in phytohemagglutinin-stimulated lymphocytes of nonfamilial cutaneous malignant melanoma patients. Ghidoni A, et al. **Basic Life Sci** 1984;29 Pt B:855–8

Choroidal melanoma and choroidal nevus in one sibship. Neetens A, et al. **Bull Soc Belge Ophtalmol** 1983;207:37–43

Amplified sequences from chromosome 15, including centromeres, nucleolar organizer regions, and centromeric heterochromatin, in homogeneously staining regions in the human melanoma cell line MeWo. Holden JJ, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1–2):131–46

Chromosome 6q- in metastatic melanoma involving the large bowel. Reichmann A, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):275–7

Cytogenetic findings in a human malignant melanoma metastatic to the brain. Rey JA, et al. **Cancer Genet Cytogenet** 1985 Mar 15;16(2):179–83

DNA amplification and tumorigenicity of the human melanoma cell line MeWo. Shtromas I, et al. **Cancer Res** 1985 Feb;45(2):642–7

Development and progression of karyotypic variability in melanoma K1735 following X-irradiation. Wolman SR, et al. **Cancer Res** 1985 Apr;45(4):1839–44

Expression of ki-ras oncogene in tumor cell variants exhibiting different metastatic capabilities. Kris RM, et al. **Int J Cancer** 1985 Feb 15;35(2):227–30

Heat-resistant mutants of B-16 melanoma cells. I. Stepwise heating in vitro induces progressive increase in resistance to heat. Tao Tw. **Int J Cancer** 1985 Sep 15;36(3):401–5

The fine page. The dysplastic nevus syndrome--endocrine disease. Fine RM. **Int J Dermatol** 1985 Mar;24(2):97

Vitiligo and melanoma: can genetically abnormal melanocytes result in both vitiligo and melanoma within a single family? Lerner AB, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):696–701

A linkage study between HLA and cutaneous malignant melanoma or precursor lesions or both. Demenais F, et al. **J Med Genet** 1984 Dec;21(6):429–35

Precursors to malignant melanoma [letter] Jacoby I. **JAMA** 1985 May 3;253(17):2493–4

National Institutes of Health consensus report on precursors to malignant melanoma. A difference in opinion. Lynch HT, et al. **JAMA** 1984 Nov 23–30;252(20):2872–3

Amplification of activated c-Ha-ras-1 in human melanoma. Sekiya T, et al. **Jpn J Cancer Res** 1985 Jul;76(7):555–8

DNA-mediated transfer of human melanoma cell surface glycoprotein gp130: identification of transfectants by erythrocyte rosetting. Albino AP, et al. **Mol Cell Biol** 1985 Apr;5(4):692–7

Activation of N-ras in a human melanoma cell line. Padua RA, et al. **Mol Cell Biol** 1985 Mar;5(3):582–5

Malignant melanoma in a husband and wife [letter] Sutherland CM, et al. **N Engl J Med** 1985 Jul 18; 313(3):183–4

A novel transforming gene in a human malignant melanoma cell line. Padua RA, et al. **Nature** 1984 Oct 18–24; 311(5987):671–3

Cytogenic analysis of transplantable mouse B16 melanomas. Limon J, et al. **Neoplasma** 1985;32(3):357–68

The cutaneous evolution of nevi in a patient with familial, atypical, multiple-mole melanoma syndrome. Lynch HT, et al. **Pediatr Dermatol** 1985 Jul;2(4):289–93

Loss of polymorphic restriction fragments in malignant melanoma: implications for tumor heterogeneity. Dracopoli NC, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1470–4

Expression of the receptor for epidermal growth factor correlates with increased dosage of chromosome 7 in malignant melanoma. Koprowski H, et al. **Somatic Cell Mol Genet** 1985 May;11(3):297–302

[Remarks on familial melanoma] Korting GW. **Hautarzt** 1985 Apr;36(4):242–3 **(Ger)**

[Absence of point mutation in the 12th codon of the c-Ha-rasl transforming genes of human breast and stomach cancer, melanoma and neuroblastoma] Kniazev PG, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1487–9 **(Rus)**

[Identification of the transforming Ha-ras gene in human melanoma, neuroblastoma and breast cancer cells] Kniazev PG, et al. **Vopr Onkol** 1985;31(6):77–85 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Expression of a melanoma-tumor-associated antigen as demonstrated by a monoclonal antibody (D6.1) in cytopathologic preparations of human tumor cells from effusions and needle aspirates. Johnston WW, et al. **Anal Quant Cytol** 1985 Mar;7(1):72–80

In vivo and in vitro analyses of the immunogenicity of B16 melanoma cells. Heath W, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):163–75

Inhibition of macrophage activation and tumor cell cytolysis by cyclosporin-A. Wright B, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):710–5

Allostimulation of patients' lymphocytes generates both T and NK-like cells cytotoxic for autologous melanoma. Balsari A, et al. **Br J Cancer** 1985 Jul;52(1):73–80

Tumourigenic phenotypes of human melanoma cell lines in nude mice determined by an active antitumour mechanism. Jacubovich R, et al. **Br J Cancer** 1985 Mar;51(3):335–45

Assessment of immunological techniques in the diagnosis and prognosis of ocular malignant melanoma. Cochran AJ, et al. **Br J Ophthalmol** 1985 Mar;69(3):171–6

Cell-cycle-dependent expression of human melanoma membrane antigen analyzed by flow cytometry. Leong SP, et al. **Cancer** 1985 Mar 15;55(6):1276–83

Distribution and organelle specificity of melanoma-associated antigens identified by Mo 465.12 in human malignant melanoma. Maeda K, et al. **Cancer** 1985 Feb 15;55(4):721–7

Different metastatic modes of malignant melanoma implanted in the ear of young and old mice. Hirayama R, et al. **Cancer Immunol Immunother** 1984;18(3):209–14

Methods for amplifying the induction and expression of cytotoxic response in vitro to syngeneic and autologous freshly-isolated solid tumors of mice. Kedar E, et al. **Cancer Immunol Immunother** 1984;18(2):126–34

Isolated soluble fractions from the murine B16 melanoma induce primary in vitro syngeneic antitumor responses. Klein BY, et al. **Cancer Immunol Immunother** 1984; 18(3):195–202

Identification and characterization of a tumor-derived immunosuppressive glycoprotein from murine melanoma K-1735. Putnam JB Jr, et al. **Cancer Immunol Immunother** 1985;19(2):90–100

Transmembrane signal defect and absence of cancer extract induced leukocyte adherence inhibition (LAI) for leukocytes from patients with advanced cancer. Shenouda G, et al. **Cancer Immunol Immunother** 1984;18(1):59–68

Autologous cellular immune response to primary and metastatic human melanomas and its regulation by DR antigens expressed on tumor cells. Parmiani G, et al. **Cancer Metastasis Rev** 1985;4(1):7–26 (95 ref.)

Hyperthermia-induced changes in antigen expression on human FME melanoma cells. Davies C de L, et al. **Cancer Res** 1985 Sep;45(9):4109–14

Role of interleukin 2 and a serum suppressive factor on the induction of activated killer cells cytotoxic for autologous human melanoma cells. Itoh K, et al. **Cancer Res** 1985 Jul; 45(7):3173–8

Comparison of antibody isotypes in sera and circulating immune complexes during tumor growth and metastasis of three tumor models in mice. McDonald TL, et al. **Cancer Res** 1984 Nov;44(11):4933–7

Heterogeneous expression of melanoma-associated antigens and HLA antigens by primary and multiple metastatic lesions removed from patients with melanoma. Natali P, et al. **Cancer Res** 1985 Jun;45(6):2883–9

Surface antigens of melanomas and melanocytes defined by mouse monoclonal antibodies: specificity analysis and comparison of antigen expression in cultured cells and tissues. Real FX, et al. **Cancer Res** 1985 Sep;45(9):4401–11

Clinical significance and nature of circulating immune complexes in melanoma patients. Gupta RK, et al. **Contemp Top Immunobiol** 1985;15:1–53 (167 ref.)

Prognostic significance of urinary antigen analysis by enzyme-linked immunosorbent assay in melanoma patients. Gupta RK, et al. **Diagn Immunol** 1983;1(4):303–9

Phenotyping of 60 cultured human gliomas and 34 other neuroectodermal tumors by means of monoclonal antibodies against glioma, melanoma and HLA-DR antigens. de Muralt B, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):207–16

Purification of melanoma-associated oncofetal antigen gp87 from spent medium and cell homogenate of cultured human melanoma cells. Khosravi MJ, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1163–75

Study of spontaneous rosette formation and changes of sialic acid content in the surface glycoproteins of macrophages induced by hamster transplantable melanomas. Kozłowska K, et al. **Exp Pathol** 1985;27(2):123–8

Antigens of human melanoma as defined by monoclonal antibodies. Second workshop on monoclonal antibodies to melanoma. National Institutes of Health, National Cancer Institute, Bethesda, Maryland, USA, April 26–27, 1982. **Hybridoma** 1982;1(4):379–482

Immunochemical and biosynthetic analysis of monoclonal antibody-defined melanoma-associated antigen. Bumol TF, et al. **Hybridoma** 1982;1(3):283–92

Comparison of cell-surface human melanoma-associated antigens identified by rabbit and murine antibodies. Bystryn JC, et al. **Hybridoma** 1982;1(4):465–72

Reactivity spectrum of 30 monoclonal antimelanoma antibodies to a panel of 28 melanoma and control cell lines. Carrel S, et al. **Hybridoma** 1982;1(4):387–97

Serological and biochemical analyses of monoclonal antibodies to human melanoma-associated antigens. Harper JR, et al. **Hybridoma** 1982;1(4):423–32

Workshop on monoclonal antibodies to human melanoma-associated antigens: findings of the Seattle group. Hellström I, et al. **Hybridoma** 1982;1(4):399–402

Comparative study of the binding characteristics of monoclonal antimelanoma antibodies. Herlyn M, et al. **Hybridoma** 1982;1(4):403–11

Tissue specificity of anti melanoma monoclonal antibodies analyzed on cell lines. Johnson JP, et al. **Hybridoma** 1982; 1(4):381–5

Analysis of the NIH workshop monoclonal antibodies to human melanoma antigens. Kantor RR, et al. **Hybridoma** 1982;1(4):473–82

Analysis of hybridoma-exchange antibodies. Lloyd KO, et al. **Hybridoma** 1982;1(4):461–3

Production and characterization of monoclonal antibody to a melanoma specific glycoprotein. Morgan AC Jr, et al. **Hybridoma** 1981;1(1):27–36

Identification and isolation of melanoma-associated antigens with monoclonal antibodies. Ross AH, et al. **Hybridoma** 1982;1(4):413–21

Monoclonal antibodies to 125 kd and 95 kd proteins on human melanoma cells: comparison with other monoclonal-defined melanoma antigens. Saxton RE, et al. **Hybridoma** 1982;1(4):433–45

Multiple assay characterization of murine monoclonal antimelanoma antibodies. Stuhlmiller GM, et al. **Hybridoma** 1982;1(4):447–60

D6.1, a murine antimelanoma monoclonal antibody from congenitally athymic nude mice immunized with purified melanoma tumor-associated antigen. Stuhlmiller GM, et al. **Hybridoma** 1984 Winter;3(4):333–46

Human monoclonal antibody to tumor-associated ganglioside GD2: suppressed growth of human melanoma in nude mice. Katano M, et al. **Immunol Lett** 1984;8(4):169–74

Clonal analysis of cytotoxic T-lymphocyte response to autologous human metastatic melanoma. Anichini A, et al. **Int J Cancer** 1985 May 15;35(5):683–9

Phenotypic dynamics of tumor progression in human malignant melanoma. Bröcker EB, et al. **Int J Cancer** 1985 Jul 15;36(1):29–35

Malignant melanoma: cross-reacting (common) tumor rejection antigens. Hearing VJ, et al. **Int J Cancer** 1985 Mar 15;35(3):403–9

Structural characterization and biosynthesis of gp87, a melanoma-associated oncofetal antigen defined by monoclonal antibody 140.240. Khosravi MJ, et al. **Int J Cancer** 1985 Jan 15;35(1):73–80

Stable quantitative differences of antigen expression in human melanoma cells isolated by flow cytometric cell sorting. Lindmo T, et al. **Int J Cancer** 1984 Oct 15;34(4):507–12

Possible association between HLA-DR5 and superficial spreading melanoma (SSM). Mueller-Eckhardt G, et al. **Int J Cancer** 1984 Dec 15;34(6):751–5

A tumor-associated antigen expressed in melanoma cells with lower malignant potential. Suter L, et al. **Int J Cancer** 1985 Jun 15;35(6):787–91

Immunogenicity of melanoma-associated gangliosides in cancer patients. Tai T, et al. **Int J Cancer** 1985 May 15; 35(5):607–12

The inhibition of lymphocyte stimulation by autologous human metastatic melanoma cells correlates with the expression of HLA-DR antigens on the tumor cells. Taramelli D, et al. **Int J Cancer** 1984 Dec 15;34(6):797–806

Monoclonal antibody production to a B16 melanoma associated antigen. Tomita Y, et al. **Int J Cancer** 1985 Apr 15;35(4):543–7

Biochemical characterization and cellular localization of a formalin-resistant melanoma-associated antigen reacting with monoclonal antibody NKI/C-3. Vennegoor C, et al. **Int J Cancer** 1985 Mar 15;35(3):287–95

Uveitis in melanomatous swine: lack of evidence for humoral immune melanocyte destruction. Feeney-Burns L, et al. **Invest Ophthalmol Vis Sci** 1985 Apr;26(4):551–60

Activation of tumoricidal properties in macrophages and inhibition of experimentally-induced murine metastases by a new synthetic acyltripeptide, FK-565. Inamura N, et al. **J Biol Response Mod** 1985 Aug;4(4):408–17

Immunopurification, characterization, and nature of membrane association of human melanoma-associated oncofetal antigen gp87 defined by monoclonal antibody 140.240. Liao SK, et al. **J Cell Biochem** 1985;27(3):303–16

Serial studies of autologous antibody reactivity to melanoma. Relationship to clinical course and circulating immune complexes. Vlock DR, et al. **J Clin Invest** 1985 Aug; 76(2):849–54

Immunological comparison between human and rat plasminogen activators in blood and the vessel wall. Kjaeldgaard A, et al. **J Clin Pathol** 1984 Oct;37(10):1153–6

Structure and epitope specificity of human melanoma-associated oncofetal antigen gp87 analyzed with monoclonal antibodies. Liao SK, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):117–28

In situ analysis of antigens on malignant and benign cells of the melanocyte lineage. Differential expression of two surface molecules, gp75 and p89. Holzmann B, et al. **J Exp Med** 1985 Feb 1;161(2):366–77

Class 1 (unique) tumor antigens of human melanoma. Identification of a 90,000 dalton cell surface glycoprotein by autologous antibody. Real FX, et al. **J Exp Med** 1984 Oct 1;160(4):1219–33

Eradication of established human melanoma tumors in nude mice by antibody-directed effector cells. Schulz G, et al. **J Exp Med** 1985 Jun 1;161(6):1315–25

Analysis of the interaction between a human high molecular weight melanoma-associated antigen and the monoclonal antibodies to three distinct antigenic determinants. Giacomini P, et al. **J Immunol** 1985 Jul;135(1):696–702

Immunochemical analysis of the modulation of human melanoma-associated antigens by DNA recombinant immune interferon. Giacomini P, et al. **J Immunol** 1985 Oct;135(4):2887–94

Inhibition of human tumor growth by IgG2A monoclonal antibodies correlates with antibody density on tumor cells. Herlyn D, et al. **J Immunol** 1985 Feb;134(2):1300–4

Recombinant gamma-interferon induces changes in expression and shedding of antigens associated with normal human melanocytes, nevus cells, and primary and metastatic melanoma cells. Herlyn M, et al. **J Immunol** 1985 Jun;134(6):4226–30

Role of interleukin 1 in promoting human monocyte-mediated tumor cytotoxicity. Onozaki K, et al. **J Immunol** 1985 Jul;135(1):314–20

Inhibition of recombinant interferon-gamma-induced Ia antigen expression by shed B16 F10 melanoma cell membrane vesicles. Poutsiaka DD, et al. **J Immunol** 1985 Jan;134(1):145–50

Membrane vesicles shed by murine melanoma cells selectively inhibit the expression of Ia antigen by macrophages. Poutsiaka DD, et al. **J Immunol** 1985 Jan; 134(1):138–44

A role for mast cells and the vasoactive amine serotonin in T cell-dependent immunity to tumors. Van Loveren H, et al. **J Immunol** 1985 Feb;134(2):1292–9

Identification of a structure on human melanoma cells recognized by CTL exhibiting anomalous killer cell function. Werkmeister JA, et al. **J Immunol** 1985 Jul; 135(1):689–95

Antigenic phenotype of pigment cell lesions: a study of melanoma, its precursor lesions and heterogeneity in metastatic melanoma. Ernstoff MS, et al. **J Invest Dermatol** 1985 May;84(5):430–2

Pigmentation-associated glycoprotein of human melanomas and melanocytes: definition with a mouse monoclonal antibody. Thomson TM, et al. **J Invest Dermatol** 1985 Aug; 85(2):169–74

Laminin selectively enhances monocyte-macrophage-mediated tumoricidal activity. Perri RT, et al. **J Lab Clin Med** 1985 Jan;105(1):30–5

Effects of N-nitrosodimethylamine on tumor susceptibility. Duke SS, et al. **J Leukocyte Biol** 1985 Apr;37(4):383–94

Immunoreactivity and biodistribution of indium-111-labeled monoclonal antibody to a human high molecular weight-melanoma associated antigen. Fawwaz RA, et al. **J Nucl Med** 1985 May;26(5):488–92

Expression of a murine B16 melanoma-associated antigen analyzed by flow cytometry. Leong SP, et al. **J Surg Res** 1985 Apr;38(4):383–90

Monoclonal antibody recognizing human melanoma-carcinoma cross-reacting oncofetal antigen epitopically associated with carcinoembryonic antigen.

Liao SK, et al. **JNCI** 1985 May;74(5):1047-58

Intratumor localization of monoclonal antibody in patients with melanoma treated with antibody to a 250,000-dalton melanoma-associated antigen. Schroff RW, et al. **JNCI** 1985 Feb;74(2):299-306

HLA-DR synthesis induction and expression in HLA-DR-negative carcinoma cell lines of diverse origins by interferon-gamma but not by interferon-beta. Shaw AR, et al. **JNCI** 1985 Jun;74(6):1261-8

Inhibition of macrophage Ia antigen expression by shed plasma membrane vesicles from metastatic murine melanoma lines. Taylor DD, et al. **JNCI** 1985 Apr; 74(4):859-67

No evidence for an association between natural killer cell activity and prognosis in melanoma patients. Hersey P, et al. **Nat Immun Cell Growth Regul** 1983-84;3(2):87-94

Systemic administration of human leukocyte interferon to melanoma patients. III. Increased helper:suppressor cell ratios in melanoma patients during interferon treatment. Karavodin LM, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):193-202

A comparison of the cyclic anhydride and mixed anhydride methods for 111In-DTPA chelation to monoclonal antibodies. Wang TS, et al. **Nuklearmedizin** 1984 Aug; 23(4):193-5

Circulating lymphocytes bearing DR antigens in human melanoma. Jerry LM, et al. **Oncology** 1985;42(1):18-25

Disialoganglioside GD3 on human melanoma serves as a relevant target antigen for monoclonal antibody-mediated tumor cytolysis. Cheresh DA, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5155-9

Strong antitumor activities of IgG3 antibodies to a human melanoma-associated ganglioside. Hellström I, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1499-502

Extent of morphological differentiation of human melanoma cells reflected by HLA-DR antigen profiles. Liao SK, et al. **Prog Clin Biol Res** 1985;172B:355-66

Amplification by macrophages of prostaglandin-mediated immunosuppression in mice bearing syngeneic tumors. Plescia OJ, et al. **Prostaglandins Leukotrienes Med** 1984 Nov;16(2):205-23

Cellular immune defects in patients with melanoma involving interleukin-2-activated lymphocyte cytotoxicity and a serum suppressor factor. Balch CM, et al. **Surgery** 1985 Aug;98(2):151-7

The NK function elucidated with respect to effector cells, target cells and other immunological in vitro tests. Kristensen E. **Tokai J Exp Clin Med** 1983 Dec; 8(5-6):449-53

B16 melanoma as a model for leukocyte-depleted grafts. Heath W, et al. **Transplant Proc** 1985 Apr;17(2):1658-60

Immunohistochemical reactivity of the antimelanoma monoclonal antibody MEL-1. Clemente C. **Tumori** 1985 Jun 30;71(3):225-32

[Immunologic tumor diagnosis using changes in migration velocity of cells in an electrical field (cytopherometer)] Dieckhues B, et al. **Fortschr Ophthalmol** 1984;81(4):367-9 (Eng. Abstr.) **(Ger)**

[Xenogeneic transplantation of human malignant melanoma under high-dose immunosuppression] Bittner H, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(4):230-5 (Eng. Abstr.) **(Ger)**

[Circulating K and NK cells in malignant melanoma using monoclonal antibodies] Graul A, et al. **Z Hautkr** 1985 Feb 15;60(4):338-47 (Eng. Abstr.) **(Ger)**

[Changes in certain immunological parameters in patients with malignant skin melanoma] Lukács L, et al. **Orv Hetil** 1985 Apr 7;126(14):819-26 (Eng. Abstr.) **(Hun)**

[Induction of human monocyte-mediated tumor cell killing by alpha or beta interferon] Utsugi T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1105-10 (Eng. Abstr.) **(Jpn)**

[Antitumor effect of human interferon-alpha A/D in mice (II). Activation of natural killer cells and suppression of metastasis] Yokoyama T, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):510-5 (Eng. Abstr.) **(Jpn)**

[Immunohistological detection of monoclonal antibodies to histocompatibility antigens in melanoma cells and nevus cells] Kageshita T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1285-9 **(Jpn)**

[Clinical significance of the subsets of lymphocyte in the peripheral blood of the head and neck cancer patients] Okamoto M, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):443-8 (Eng. Abstr.) **(Jpn)**

[Proliferative activity and cytotoxic effect of mouse lymphocytes during the growth of transplanted melanoma B-16] Korosteleva TA, et al. **Eksp Onkol** 1984;6(1):53-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Microanalysis of eumelanin and pheomelanin in hair and melanomas by chemical degradation and liquid chromatography. Ito S, et al. **Anal Biochem** 1985 Feb 1; 144(2):527-36

Diverse deoxyribonucleotide profiles in cultured human cells with differential sensitivity to thymidine. Leyva A, et al. **Cancer Biochem Biophys** 1984 Sep;7(3):231-7

Relationship between the organization and synthesis of vimentin and the metastatic capability of B16 melanoma cells. Ben-Ze'ev A, et al. **Cancer Res** 1985 Jun; 45(6):2632-41

Suppression of DNA synthesis in NEL-M1 human melanoma cells by triamcinolone acetonide. DiSorbo DM, et al. **Cancer Res** 1985 Apr;45(4):1633-7

Regulation of melanin synthesis of B16 mouse melanoma cells by 1 alpha, 25-dihydroxyvitamin D3 and retinoic acid. Hosoi J, et al. **Cancer Res** 1985 Apr;45(4):1474-8

Effect of tunicamycin on release of macromolecules and tumor antigens by human melanoma cells. Johnston D, et al. **Cancer Res** 1985 Apr;45(4):1772-7

Effects of inhibitors of polyamine biosynthesis on the growth and melanogenesis of murine melanoma cells. Käpyaho K, et al. **Cancer Res** 1985 Apr;45(4):1444-8

Pharmacokinetics of 111In-labeled anti-p97 monoclonal antibody in patients with metastatic malignant melanoma. Rosenblum MG, et al. **Cancer Res** 1985 May;45(5):2382-6

Effect of inhibition of polyamine biosynthesis by DL-alpha-difluoromethylornithine on the growth and melanogenesis of B16 melanoma in vitro and in vivo. Sunkara PS, et al. **Cancer Res** 1985 Sep;45(9):4067-70

Glycosaminoglycan production by murine melanoma variants in vivo and in vitro. Turley EA, et al. **Cancer Res** 1985 Oct;45(10):5098-105

Correlation between post-replication repair and metastatic potential in B16 mouse melanoma cell lines. Khalil F, et al. **Cytobios** 1985;42(166):117-23

Release of an Mr 140,000 glycoprotein in the culture media of certain human sarcoma and melanoma cell lines. Bizik J, et al. **Eur J Cancer Clin Oncol** 1985 Mar;21(3):317-24

Separation of several 5-fluorouracil metabolites in various melanoma cell lines. Evidence for the synthesis of 5-fluorouracil-nucleotide sugars. Peters GJ, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1425-31

Heat-shock proteins produced by two human melanoma cell lines: absence of correlation with thermosensitivity. Ferrini U, et al. **Int J Cancer** 1984 Nov 15;34(5):651-5

Alterations in the phosphoprotein composition of tumor cell clones induced by cell culture techniques used routinely in assessing metastatic behavior in vivo. Greig RG, et al. **Int J Cancer** 1985 Mar 15;35(3):367-75

Distribution of laminin and collagen type-IV in benign and malignant lesions of melanocytic origin. Natali PG, et al. **Int J Cancer** 1985 Apr 15;35(4):461-7

Biosynthetic studies of proteoglycans in human melanoma cells with a monoclonal antibody to a core glycoprotein of chondroitin sulfate proteoglycans. Bumol TF, et al. **J Biol Chem** 1984 Oct 25;259(20):12733-41

Aminoacids--precursors of melanin synthesis in hamster melanoma. Blagoeva PM. **J Cancer Res Clin Oncol** 1984; 108(3):366-8

Altered characteristics of B16 melanoma cells induced by chemically crosslinking fibronectin to cell surfaces. Bowersox JC, et al. **J Surg Oncol** 1985 May;29(1):11-4

Liposome uptake by melanoma: in vitro comparison with hepatocytes. Potter DA, et al. **J Surg Res** 1985 Aug; 39(2):157-63

Glycosaminoglycan production and distribution in cloned B16 murine melanoma cell lines exhibiting different lung colony-forming efficiencies. Maniglia CA, et al. **JNCI** 1985 Jul;75(1):111-20

Modulation of peroxidation in murine melanoma by dietary tyrosine-phenylalanine restriction, levodopa methylester chemotherapy, and sodium ascorbate supplementation. Pierson HF, et al. **JNCI** 1985 Sep;75(3):507-16

Uptake of methotrexate linked to polyclonal and monoclonal antimelanoma antibodies by a human melanoma cell line. Uadia P, et al. **JNCI** 1985 Jan;74(1):29-35

Evidence that a 90-kDa phosphoprotein, an associated kinase, and a specific phosphatase are involved in the regulation of Cloudman melanoma cell proliferation by insulin. Fleischmann RD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1007-11

Characterization of nerve growth factor receptor in neural crest tumors using monoclonal antibodies. Ross AH, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6681-5

Injection of cells and monoclonal antibodies into mice: comparison of tail vein and retroorbital routes. Price JE, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):347-53

A difference in prostaglandin E2 synthesis between cancer cells metastasizing into liver and kidney. Nakazawa I, et al. **Prostaglandins Leukotrienes Med** 1985 Feb;17(2):265-6

Ethinylestradiol and d-norgestrel regulation of plasminogen activator in a human melanoma cell line. Kjaeldgaard A, et al. **Thromb Res** 1984 Dec 15;36(6):591-7

Effect of Na+, K+ ion concentration on the production of plasminogen activator from a melanoma cell line. Matsuo O, et al. **Thromb Res** 1985 Jun 1;38(5):577-84

Modulation of heat shock protein synthesis in two human melanoma cell lines. Delpino A, et al. **Tumori** 1984 Oct 31;70(5):393-8

[Effect of 1,2:5,6-dianhydrogalactitol and 1,2:5,6-dianhydro-3,4-diacetylgalactitol on DNA synthesis in the cells of melanoma B16, bone marrow, small intestine epithelium, spleen and liver of mice] Sokolova IS, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):301-3 (Eng. Abstr.) **(Rus)**

[Pharmacokinetics of the antitumor drug oxoplatinum labeled with 191Pt] Lobanova EA. **Med Radiol (Mosk)** 1985 May; 30(5):75-8 (Eng. Abstr.) **(Rus)**

[Indices of pigment formation in complex cytomorphological research on human pigmented skin neoplasms] Naleskina LA. **Tsitol Genet** 1985 Mar-Apr;19(2):83-6 (Eng. Abstr.) **(Rus)**

[Angiogenesis factor in intraocular tumors] Barraquer RI, et al. **Rev Esp Oncol** 1982;29(3):413-21 (Eng. Abstr.) **(Spa)**

MORTALITY

Comparison of survival rates for patients with uveal melanoma after treatment with proton beam irradiation or enucleation. Seddon JM, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):282-90

Thin level IV malignant melanoma. A subset in which level is the major prognostic indicator. Kelly JW, et al. **Ann Surg** 1985 Jul;202(1):98-103

Prognosis of patients with pathologic stage II cutaneous malignant melanoma. Roses DF, et al. **Ann Surg** 1985 Jan; 201(1):103-7

Ocular melanoma [letter] Gamel JW. **Arch Ophthalmol** 1985 Sep;103(9):1284

Improving prognosis for malignant melanoma in Britain. Taylor BA, et al. **Br J Surg** 1984 Dec;71(12):950-3

Comparison of prognostic factors for survival and recurrence in malignant melanoma of the skin, clinical Stage I. Johnson OK Jr, et al. **Cancer** 1985 Mar 1;55(5):1107-17

Malignant melanoma mortality in Italy: 1955-1978. Maggini M, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1321-3

Migration and death from malignant melanoma. Cooke KR, et al. **Int J Cancer** 1985 Aug 15;36(2):175-8

Sex differences in survival from cutaneous melanoma. Rampen FH. **Int J Dermatol** 1984 Sep;23(7):444-52 (114 ref.)

No one should die of malignant melanoma [editorial] Ackerman AB. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):115-6

Death from malignant melanoma [letter] Sarma DP. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):895

Malignant melanoma prognostic factors 6: distant metastases and length of survival. Day CL Jr, et al. **J Dermatol Surg Oncol** 1984 Sep;10(9):686-9

Prognosis in Stage 1 malignant melanoma: seven-year follow-up study of splenic radiocolloid uptake as predictor of death. Koh HK, et al. **J Nucl Med** 1984 Nov; 25(11):1183-9

Risks, survival and trends of malignant melanoma among white and blue collar workers in Sweden. Vågerö D, et al. **Soc Sci Med** 1984;19(4):475-8

Sex related survival differences in instances of melanoma. Reintgen DS, et al. **Surg Gynecol Obstet** 1984 Oct; 159(4):367-72

Survival with primary cutaneous malignant melanoma, evaluated from 2012 cases. A multivariate regression analysis. Søndergaard K, et al. **Virchows Arch [A]** 1985; 406(2):179-95

OCCURRENCE

Risk for cutaneous melanoma in recent Connecticut birth cohorts. Roush GC, et al. **Am J Public Health** 1985 Jun; 75(6):679-82

Cutaneous malignant melanoma after Hodgkin's disease. Tucker MA, et al. **Ann Intern Med** 1985 Jan;102(1):37-41

Malignant neoplasms 1971-1983 in Northeastern Zaire, with particular reference to Kaposi's sarcoma and malignant melanoma. Oates K, et al. **Ann Soc Belg Med Trop** 1984; 64(4):373-8

Melanoma of the skin. Armstrong BK. **Br Med Bull** 1984 Oct;40(4):346-50 (33 ref.)

Melanoma among southwestern American Indians. Black WC, et al. **Cancer** 1985 Jun 15;55(12):2899-902

Seasonal patterns in the diagnosis of malignant melanoma of skin and eye in upstate New York. Polednak AP. **Cancer** 1984 Dec 1;54(11):2587-94

Period and cohort factors in the incidence of malignant melanoma in the state of Connecticut. Collins JJ, et al. **Environ Health Perspect** 1984 Jun;56:255-9

Common acquired naevi and the risk of malignant melanoma. Green A, et al. **Int J Cancer** 1985 Mar 15;35(3):297-300

Malignant melanoma in World War II veterans. Brown J, et al. **Int J Dermatol** 1984 Dec;23(10):661-3

Malignant skin tumors among dermatology patients in university hospitals of Japan. A statistical survey 1971-1975. Tada M, et al. **J Dermatol (Tokyo)** 1984 Aug; 11(4):313-21

Malignant melanoma in Rome, Italy, 1970-9. Petrelli G, et al. **J Epidemiol Community Health** 1985 Mar;39(1):67-71

Malignant melanoma of the genitourinary tract. Stein BS, et al. **J Urol** 1984 Nov;132(5):859-68 (120 ref.)

Risk factors for ocular melanoma: Western Canada Melanoma Study. Gallagher RP, et al. **JNCI** 1985 Apr; 74(4):775-8

Incidence and aetiology of melanoma [letter] Gordon LG, et al. **Lancet** 1985 Mar 9;1(8428):583

Epidemiologic aspects of malignant skin melanoma in Slovakia. Pleško I, et al. **Neoplasma** 1985;32(3):273-84

[General aspects of malignant melanoma] Karvonen J, et al. **Duodecim** 1985;101(11):1097-108 **(Fin)**

[Cutaneous malignant melanoma of the trunk] Groth W. **Z Hautkr** 1985 Mar 1;60(5):409-10 **(Ger)**

[Primary melanoma of the anus in Spain] Vázquez Quevedo F. **Rev Esp Enferm Apar Dig** 1985 Feb;67(2):203-14 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Depth of invasion and tumor thickness in primary cutaneous malignant melanoma. A study of 2012 cases. Søndergaard K. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Mar; 93(2):49-55

Polycythemia vera, primary hyperparathyroidism, and dysplastic nevus syndrome: report of a case. Hayne ST, et al. **Am J Clin Pathol** 1985 Apr;83(4):512-6

Critical commentary on statements in 'Precursors to Malignant Melanoma'. Ackerman AB. **Am J Dermatopathol** 1984 Summer;6 Suppl:181-3

Neurotropic malignant melanoma and other neurotropic neoplasms in the skin. Ackerman AB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:63-80

A melanomatous carcinoma. A case report and commentary. Charlton RE. **Am J Dermatopathol** 1984 Summer;6 Suppl:221-9

The neoplastic development of malignant melanoma. A biological rationale. Cramer SF. **Am J Dermatopathol** 1984 Summer;6 Suppl:299-308

Whither malignant melanoma in situ? del Junco GW. **Am J Dermatopathol** 1984 Summer;6 Suppl:101-2

Invasive malignant melanomas lacking competence for metastasis. Elder DE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:55-61

On the mechanism of regression of malignant melanoma. Ferry JA. **Am J Dermatopathol** 1984 Summer;6 Suppl:287-8

Computer-assisted volumetric analysis of cutaneous malignant melanomas. Gebhart W, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:93-5

Biological behavior and natural course of acral malignant melanoma. Clinical and histologic features and prognosis of palmoplantar, subungual, and other acral malignant melanomas. Jimbow K, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:43-53

In what sense are break points prognostic in malignant melanomas? [letter] Kuehnl-Petzoldt C, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:349-50

The width and depth of the spread of malignant melanomas as observed by a chemosurgeon. Mohs FE. **Am J Dermatopathol** 1984 Summer;6 Suppl:123-6

Presumed primary malignant melanoma of the gallbladder. Report of a case and a review of literature. Naguib SE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:231-43

Differentiation of 'melanocytic angiofibromas' (fibrous papules of the face) from early evolving malignant melanomas in situ in specimens removed by superficial shave technique. Nix M, et al. Am J **Dermatopathol** 1984 Summer;6 Suppl:163-7

The proliferative activity of cells of malignant melanomas. Pierard GE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:317-23

The risk of malignant melanoma arising in congenital melanocytic nevi. An argument against the assignment of risk based on size alone. Rhodes AR. **Am J Dermatopathol** 1984 Summer;6 Suppl:184-8

A malignant neoplasm with features of both squamous cell carcinoma and malignant melanoma. Rosen LB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:213-9

Malignant melanoma in situ, precancerous melanosis, or atypical intraepidermal melanocytic proliferation. Rywlin AM. **Am J Dermatopathol** 1984 Summer;6 Suppl:97-9

How consistent are dermatopathologists in reading early malignant melanomas and lesions 'precursor' to them? An international survey. Schmoeckel C. **Am J Dermatopathol** 1984 Summer;6 Suppl:13-24

Unusual stromal patterns in truly recurrent and satellite metastatic lesions of malignant melanoma. Urmacher C. **Am J Dermatopathol** 1984 Summer;6 Suppl:331-5

Prediction of lymph node metastases from the histologic features of primary cutaneous malignant melanomas. Weissmann A, et al. **Am J Dermatopathol** 1984 Summer; 6 Suppl:35-41

Primary malignant melanoma of the esophagus in a young adult. Boulafendis D, et al. **Am J Gastroenterol** 1985 Jun; 80(6):417-20

Skin cancer's early warning system. Fraser MC, et al. **Am J Nurs** 1984 Oct;84(10):1232-6

Orbital extension of choroidal melanoma within a short posterior ciliary nerve [letter] Ferry AP. **Am J Ophthalmol** 1984 Oct 15;98(4):517-8

Echographic and histologic tumor height measurements in uveal melanoma. Nicholson DH, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):454-7

In vitro activation of murine Kupffer cells by lymphokines or endotoxins to lyse syngeneic tumor cells. Xu ZL, et al. **Am J Pathol** 1984 Dec;117(3):372-9

Evaluation of prognostic characteristics of stage I cutaneous malignant melanoma. Tan GJ, et al. **Anal Quant Cytol** 1984 Sep;6(3):147-54

Acquired dysplastic melanocytic nevi and cutaneous melanoma: precursors and prevention. Rhodes AR. **Ann Intern Med** 1985 Apr;102(4):546-8

Metastasis of a very small choroidal melanoma without apparent clinical change. McKnight SJ, et al. **Ann Ophthalmol** 1984 Nov;16(11):1016-21

Thin (less than or equal to 1 mm) melanomas of the extremities are biologically favorable lesions not influenced by regression. Wanebo HJ, et al. **Ann Surg** 1985 Apr; 201(4):499-504

Primary malignant melanoma of the esophagus. Chalkiadakis G, et al. **Ann Thorac Surg** 1985 May;39(5):472-75

Dexamethasone, medroxyprogesterone acetate, and vindesine modulation of human malignant melanoma growth in soft agar. Bojar H, et al. **Anticancer Res** 1985 Mar-Apr; 5(2):189-92

Effects of a calcium-antagonist (flunarizine) on cancer cell movement and phagocytosis. Sezzi ML, et al. **Anticancer Res** 1985 May-Jun;5(3):265-71

Effects of a calcium-antagonist (flunarizine) on the in vitro growth of B16 mouse melanoma cells. Sezzi ML, et al. **Anticancer Res** 1984 Jul-Oct;4(4-5):229-34

Phenotypic changes of Ab hamster melanoma during long-term culture. Słomiński A, et al. **Anticancer Res** 1985 Jul-Aug;5(4):403-9

Regression in thin malignant melanoma. Microscopic diagnosis and prognostic importance. Cooper PH, et al. **Arch Dermatol** 1985 Sep;121(9):1127-31

Effect of prior pregnancy on melanoma survival [letter] Lederman JS, et al. **Arch Dermatol** 1985 Jun;121(6):716

Skin markings in the diagnosis and prognosis of cutaneous melanoma. Lederman JS, et al. **Arch Dermatol** 1984 Nov; 120(11):1449-52

Regression and other factors of prognostic interest in malignant melanoma [editorial] Sagebiel R. **Arch Dermatol** 1985 Sep;121(9):1125-6

Changes in three-dimensional structure of cultured S91 mouse melanoma cells associated with growth inhibition and induction of melanogenesis by retinoids. Lauharanta J, et al. **Arch Dermatol Res** 1985;277(2):147-50

Influence of retinoids on growth and melanin content of Harding-Passey-melanoma cells in vitro and B16 transplantable melanoma in vivo. Drewa G, et al. **Arch Geschwulstforsch** 1985;55(2):93-8

An antimelanoma monoclonal antibody and the histopathology of uveal melanomas. Folberg R, et al. **Arch Ophthalmol** 1985 Feb;103(2):275-9

Comparison of uveal melanoma growth rates with mitotic index and mortality. Gass JD. **Arch Ophthalmol** 1985 Jul; 103(7):924-31

Massively invasive diffuse choroidal melanoma [clinical conference] Sassani JW, et al. **Arch Ophthalmol** 1985 Jul; 103(7):945-8

Late relapse from cutaneous stage I malignant melanoma. Shaw HM, et al. **Arch Surg** 1985 Oct;120(10):1155-9

Level I (in situ) melanoma by any other name ... . Beardmore G. **Australas J Dermatol** 1984 Dec;25(3):97-8

Malignant melanoma [letter] MacSweeney S. **Br J Hosp Med** 1985 Jun;33(6):366

Malignant melanoma of the eyelid skin: histopathology and behaviour. Garner A, et al. **Br J Ophthalmol** 1985 Mar; 69(3):180-6

Ring melanoma of the iris and ciliary body. Omulecki W, et al. **Br J Ophthalmol** 1985 Jul;69(7):514-8

Experience of thin cutaneous melanomas (less than 0.76 mm and less than 0.85 mm thick) in a large plastic surgery unit: a 5 to 17 year follow-up. Briggs JC, et al. **Br J Plast Surg** 1984 Oct;37(4):501-6

Long term follow-up in cutaneous malignant melanoma: the relationship of maximal tumour thickness to disease free survival, disease recurrence and death. Griffiths RW, et al. **Br J Plast Surg** 1984 Oct;37(4):507-13

A study of the thickness of uninvolved dermis beneath cutaneous malignant melanoma: the ratio of uninvolved dermis to tumour thickness (DT:TT) as a prognostic index. Saxby PJ, et al. **Br J Plast Surg** 1984 Oct;37(4):496-500

Acral lentiginous melanoma: an illustrative case report and brief review of the literature. Ward DJ, et al. **Br J Plast Surg** 1984 Oct;37(4):619-23

The value of staging and serial follow-up investigations in patients with completely resected, primary, cutaneous malignant melanoma. Kersey PA, et al. **Br J Surg** 1985 Aug;7(8):614-7

Malignant melanoma [letter] **CA** 1984 Nov-Dec;34(6):353-4

Prognosis of level V malignant melanoma. Bear HD, et al. **Cancer** 1985 Mar 15;55(6):1167-71

Primary malignant melanoma of the oral cavity. A review of 177 cases. Rapini RP, et al. **Cancer** 1985 Apr 1; 55(7):1543-51

Malignant melanoma and pregnancy. Reintgen DS, et al. **Cancer** 1985 Mar 15;55(6):1340-4

Subungual melanoma. A clinicopathologic study of 16 Japanese cases. Takematsu H, et al. **Cancer** 1985 Jun 1; 55(11):2725-31

Sister chromatid exchange and proliferation pattern in stimulated lymphocytes of cutaneous malignant melanoma patients. Privitera E, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):37-45

The effects of the B16 malignant melanoma on induced inflammatory responses in host mice: inhibition of macrophage exudation. D'Arrigo WL, et al. **Cancer Lett** 1985 Aug;28(1):47-54

Determination of cytotoxicity in vivo using 111indium-labeled human tumor cells. Lockshin A, et al. **Cancer Lett** 1984 Sep;24(2):179-85

Pharmacological perturbation of murine melanoma growth by copper chelates. Pierson HF. **Cancer Lett** 1985 Mar; 26(2):221-33

Histological comparison of the B16 melanoma and its F1 variant. Wosko TJ, et al. **Cancer Lett** 1984 Aug;24(1):57-63

Environmental temperature and metastatic spread of melanoma in the crested newt. Zavanella T. **Cancer Lett** 1985 Jun;27(2):171-9

Transfer of age-associated restrained tumor growth in mice by old-to-young bone marrow transplantation. Ershler WB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5677-80

Specific killing of human melanoma cells by 125I-labeled 9.2.27 monoclonal antibody. Lindmo T, et al. **Cancer Res** 1985 Oct;45(10):5080-7

Exceptional lethality for nude mice of cells derived from a primary human melanoma. Lockshin A, et al. **Cancer Res** 1985 Jan;45(1):345-50

Correlation of retinoic acid-enhanced sialyltransferase activity and glycosylation of specific cell surface sialoglycoproteins with growth inhibition in a murine melanoma cell system. Lotan R, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5805-12

Similar self-renewal properties for different sizes of human primary melanoma colonies replated in agar. Meyskens FL Jr, et al. **Cancer Res** 1985 Mar;45(3):1101-7

Effect of melatonin on B16 melanoma growth in athymic mice. Narita T, et al. **Cancer Res** 1985 Sep;45(9):4175-7

Effects of chemotherapeutic drugs on platelet and metastatic tumor cell-endothelial cell interactions as a model for assessing vascular endothelial integrity. Nicolson GL, et al. **Cancer Res** 1985 Jan;45(1):331-6

Control of phenotypic expression of cultured B16 melanoma cells by plant glycosides. Odashima S, et al. **Cancer Res** 1985 Jun;45(6):2781-4

In vitro differentiation of human melanoma cells analyzed with monoclonal antibodies. Ziegler-Heitbrock HW, et al. **Cancer Res** 1985 Mar;45(3):1344-50

Use of growth-attachment correlation plots to analyse human melanoma cell dependency on 2-oxocarboxylates and serum. Kay GF, et al. **Cell Tissue Kinet** 1985 Jul; 18(4):355-68

Growth of transplantable melanoma and leukaemia and prevention of virus-induced leukaemia in long lived radiation chimeras constructed with unmanipulated bone marrow. Pierpaoli W. **Clin Exp Immunol** 1985 Jan; 59(1):210-6

Review and case report: primary melanoblastosis of the leptomeninges. Bamborschke S, et al. **Clin Neuropathol** 1985 Mar-Apr;4(2):47-55

Precursors to malignant melanoma. National Institutes of Health Consensus Development summary. **Conn Med** 1985 Jan;49(1):22-5

Melanoma and other melanocytic skin lesions. Weedon D. **Curr Top Pathol** 1985;74:1-55 (42 ref.)

Malignant melanoma of the plantar aspect of the foot. Chairman EL, et al. **Cutis** 1985 Feb;35(2):160-4

Primary melanoma of the anorectal region. Report of two cases. Spagnoli I, et al. **Diagn Imag Clin Med** 1984; 53(6):302-5

Primary malignant melanoma of the oesophagus. Roesch W, et al. **Endoscopy** 1984 Sep;16(5):186-8

Anchorage-independent growth of murine melanoma in serum-less media is dependent on insulin or melanocyte-stimulating hormone. Bregman MD, et al. **Exp Cell Res** 1985 Apr;157(2):419-28

Supermelanotic hybrids between mouse teratocarcinoma and mouse melanoma cells. Watanabe T. **Exp Cell Res** 1984 Oct;154(2):625-31

Experimental tumors and aging: local factors that may account for the observed age advantage in the B16 murine melanoma model. Ershler WB, et al. **Exp Gerontol** 1984; 19(6):367-76

Malignant melanoma of the vagina: a case report of progression from preexisting melanosis. Lee RB, et al. **Gynecol Oncol** 1984 Oct;19(2):238-45

Melanocytic dysplasia and melanoma. Cook MG, et al. **Histopathology** 1985 Jun;9(6):647-58

Inter-observer variation between pathologists in the classification of cutaneous malignant melanoma in western Australia. Heenan PJ, et al. **Histopathology** 1984 Sep; 8(5):717-29

Malignant melanoma of the sympathetic chain: with a consideration of pigmented nerve sheath tumours. Krausz T, et al. **Histopathology** 1984 Sep;8(5):881-94

Neurone specific enolase and S100 protein as possible prognostic indicators in melanoma. Rode J, et al. **Histopathology** 1984 Nov;8(6):1041-52

Dysplasia, dysplastic melanocytes, dysplastic nevi, the dysplastic nevus syndrome, and the relation between dysplastic nevi and malignant melanomas. Ackerman AB, et al. **Hum Pathol** 1985 Jan;16(1):87-91

Primary malignant melanomas of the lung and adrenal. Carstens PH, et al. **Hum Pathol** 1984 Oct;15(10):910-4

A study of tumor progression: the precursor lesions of superficial spreading and nodular melanoma. Clark WH Jr, et al. **Hum Pathol** 1984 Dec;15(12):1147-65

Malignant melanoma of the conjunctiva. Folberg R, et al. **Hum Pathol** 1985 Feb;16(2):136-43

Objective assessment of the malignant potential of intraocular melanomas with standard microslides stained with hematoxylin-eosin. Gamel JW, et al. **Hum Pathol** 1985 Jul; 16(7):689-92

Multifocal primary malignant melanoma of conjunctiva. Sahai AS, et al. **Indian J Ophthalmol** 1984 Jan-Feb; 32(1):37-40

Relationship of a novel extracellular matrix glycoprotein to cell detachment in highly metastatic B16 melanoma: modulating effect of bromodeoxyuridine. Rieber M, et al. **Int J Cancer** 1984 Sep 15;34(3):427-32

The interaction of melanoma cells with fibroblasts and endothelial cells in three-dimensional macromolecular matrices: a model for tumour cell invasion. Schor SL, et al. **Int J Cancer** 1985 Jul 15;36(1):93-102

Phenotypic interconversion of B16 melanoma clonal cell populations: relationship between metastasis and tumor growth rate. Stackpole CW, et al. **Int J Cancer** 1985 May 15;35(5):667-74

Use of irradiated mouse fibroblasts to improve the cloning and adaptation to culture of human melanoma cells. Vessière-Louveaux F, et al. **Int J Cancer** 1985 Feb 15; 35(2):231-5

Inhibition of growth of certain human tumour cell lines by a factor derived from human fibroblast-like cell lines. I. Demonstration by mixed culture and by use of cell washings. Wu KF, et al. **Int J Cancer** 1985 Apr 15; 35(4):477-82

Cowden's disease with associated malignant melanoma. Greene SL, et al. **Int J Dermatol** 1984 Sep;23(7):466-7

Primary malignant melanoma of the mandibular gingiva. Sharon A, et al. **Int J Oral Surg** 1984 Dec;13(6):545-8

Ring melanoma of the iris. Iridocorneal endothelial syndrome. Donders PC. **Int Ophthalmol** 1985 Mar; 7(3-4):161-7

Selection of metastatic variants on the basis of clonal morphology in vitro. Clark SR, et al. **Invasion Metastasis** 1984;4 Suppl 1:1-11

Single-step selection of unique human melanoma variants displaying unusually aggressive metastatic behavior in nude athymic mice. Kerbel RS, et al. **Invasion Metastasis** 1984; 4 Suppl 1:31-43

Preferential organ attachment and invasion in vitro by B16 melanoma cells selected for differing metastatic colonization and invasive properties. Nicolson GL, et al. **Invasion Metastasis** 1985;5(3):144-58

Growth characteristics of clonal cell populations constituting a B16 melanoma metastasis model system. Stackpole CW, et al. **Invasion Metastasis** 1985;5(3):125-43

Establishment of cell lines of uveal melanoma. Methodology and characteristics. Albert DM, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1284-99

Fixed-tissue binding of fluorescein-conjugated concanavalin A to malignant melanomas versus nevi. Miller A, et al. **J Am Acad Dermatol** 1984 Oct;11(4 Pt 1):620-4

Balloon cell malignant melanoma. Peters MS, et al. **J Am Acad Dermatol** 1985 Aug;13(2 Pt 2):351-4

Biopsy and survival of malignant melanoma. Rampen FH, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):385-8

Multiple melanomas occurring in a patient with xeroderma pigmentosum. Tullis GD, et al. **J Am Acad Dermatol** 1984 Aug;11(2 Pt 2):364-7

Superficial spreading melanoma in blacks. A case report. Lepow GM, et al. **J Am Podiatr Med Assoc** 1985 Aug; 75(8):425-8

Some properties of Bomirski Ab amelanotic melanoma cells, which underwent spontaneous melanization in primary cell culture. Growth kinetics, cell morphology, melanin content and tumorigenicity. Słomiński A. **J Cancer Res Clin Oncol** 1985;109(1):29-37

Growth dependent cell proliferation kinetics of a human malignant melanoma grown in nude mice. Wickramanayake PD, et al. **J Cancer Res Clin Oncol** 1985;110(1):11-6

Metastatic potential of B16 melanoma cells after in vitro selection for organ-specific adherence. Netland PA, et al. **J Cell Biol** 1985 Sep;101(3):720-4

Growth control variant cell line having increased serum requirement and decreased response to platelet-derived growth factor: reversion by 5-azacytidine. Straus DS, et al. **J Cell Biol** 1984 Nov;99(5):1838-47

Serum and substratum-dependent coupled loss of differentiated and tumorigenic phenotypes in B16-conv melanoma cells. Sato S, et al. **J Cell Physiol** 1984 Oct; 121(1):74-80

Kinetics of clonogenic melanoma cell proliferation and the limits on growth within a bilayer agar system. Thomson SP, et al. **J Cell Physiol** 1984 Oct;121(1):114-24

Pathological examination of cutaneous malignant melanomas [letter] Briggs JC, et al. **J Clin Pathol** 1985 Mar;38(3):355-6

Malignant melanocytic tumours. MacKie RM. **J Cutan Pathol** 1985 Jun-Aug;12(3-4):251-65

Why do melanomas ulcerate? Mascaro JM, et al. **J Cutan Pathol** 1984 Aug;11(4):269-73

Capsule dermatopathology: nevomelanocytic lesions with spindle cell differentiation. Guillen FJ, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):225-30

Establishment of cell lines from human malignant melanomas and their application to the assessment of natural killer-like cytotoxicity. Kondo S, et al. **J Dermatol (Tokyo)** 1984 Aug; 11(4):328-34

Effect of cepharanthine on cell-type conversion in B16 mouse melanoma cells. Takeuchi T, et al. **J Dermatol (Tokyo)** 1985 Apr;12(2):138-42

Transepithelial elimination of nevus cell nests. Yuki N, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):149-54

Effects of combined treatment with interferon and mezerein on melanogenesis and growth in human melanoma cells. Fisher PB, et al. **J Interferon Res** 1985 Winter;5(1):11-22

Effect of dicarboxylic acids on Harding-Passey and Cloudman S91 melanoma cells in tissue culture. Robins EJ, et al. **J Invest Dermatol** 1985 Sep;85(3):216-21

Metachranous chondrosarcoma and malignant melanoma of the nose. Barton RP. **J Laryngol Otol** 1985 May; 99(5):497-500

The in vitro interaction of RA-233 and several interferons on human cell lines. Wolf LM, et al. **J Med** 1984; 15(1):15-21

Intraoral melanoacanthoma. Frey VM, et al. **J Surg Oncol** 1984 Oct;27(2):93-6

Colonization of nonmelanocytic cutaneous lesions by dendritic melanocytic cells: a simulant of acral-lentiginous (palmar-plantar-subungual-mucosal) melanoma. Lambert MW, et al. **J Surg Oncol** 1985 Jan;28(1):12-8

Growth of pulmonary metastases of B16 melanoma in mast cell-free mice. Schittek A, et al. **J Surg Res** 1985 Jan; 38(1):24-8

The changing mole [editorial] Sober AJ. **JAMA** 1985 Mar 15;253(11):1612-3

Cutaneous malignant melanoma in association with other skin cancers. Green AC, et al. **JNCI** 1985 May;74(5):977-80

Primary melanoma cells of the vertical growth phase: similarities to metastatic cells. Herlyn M, et al. **JNCI** 1985 Feb;74(2):283-9

Influence of estrogen administration on tumor characteristics and survival in women with cutaneous melanoma. Lederman JS, et al. **JNCI** 1985 May;74(5):981-5

Inhibition of B16-BL6 melanoma growth in mice by methionine-enkephalin. Murgo AJ. **JNCI** 1985 Aug; 75(2):341-4

Hormonal influences on growth of B16 murine melanoma. Simon SR, et al. **JNCI** 1985 May;74(5):1085-8

Eradication of cultured human melanoma cells by immune interferon and leukocytes. Tyring SK, et al. **JNCI** 1984 Nov;73(5):1067-73

Continuous culture of human melanoma cells in protein-free medium: establishment and partial characterization. Urade M, et al. **JNCI** 1984 Nov;73(5):1039-48

More on melanoma [editorial] **Lancet** 1985 Jan 26; 1(8422):201-2

Dexamethasone and zinc in combination inhibit the anchorage-independent growth of S-91 Cloudman murine melanoma. Kreutzfeld KL, et al. **Life Sci** 1985 Mar 4; 36(9):823-7

Primary malignant melanoma in an ovarian cystic teratoma. A case report and literature review. Parekh MA. **Mo Med** 1985 Jan;82(1):18-20

Acquired precursors of cutaneous malignant melanoma. The familial dysplastic nevus syndrome. Greene MH, et al. **N Engl J Med** 1985 Jan 10;312(2):91-7

Relationship between melanogenesis, proliferative activity and response to chemotherapy of human melanoma xenografts. Siracký J, et al. **Neoplasma** 1984;31(5):545-9

Effect of tissue selection on melanization of MI hamster melanoma. Slomiński A, et al. **Neoplasma** 1984;31(5):551-6

Effects of serum-free medium on the cell growth of melanoma and the secretion of plasminogen activator. Matsuo O, et al. **Nippon Ketsueki Gakkai Zasshi** 1984 Jul; 47(4):1049-53

Recurrent malignant melanoma following a 46-year disease-free interval [letter] Rosenkranz L, et al. **NY State J Med** 1985 Mar;85(3):95

Cavitary melanocytoma of the ciliary body. Croxatto JO, et al. **Ophthalmologica** 1984;189(3):130-4

Growth rates and doubling times of posterior uveal melanomas. Augsburger JJ, et al. **Ophthalmology** 1984 Dec; 91(12):1709-15

Intra-epithelial changes in childhood nevi simulating malignant melanoma. Cullity G. **Pathology** 1984 Jul; 16(3):307-11

Ectopic peptides released by a human melanoma cell line that modulate the transformed phenotype. De Larco JE, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5015-9

Adhesive properties of the B16 melanoma. Elvin P, et al. **Prog Clin Biol Res** 1985;172A:537-47

Nontransitional cell carcinomas of the bladder in adults--review. Khoury S, et al. **Prog Clin Biol Res** 1984; 162B:275-88 (30 ref.)

Survival curves after X-ray and heat treatments for melanoma cells derived directly from surgical specimens of tumours in man. Rofstad EK, et al. **Radiother Oncol** 1985 Aug;4(1):33-44

Improving techniques for clonogenic assays. Eliason JF, et al. **Recent Results Cancer Res** 1984;94:267-75

Accuracy of clinical estimates of tumor dimensions. A clinical-pathologic correlation study of posterior uveal melanomas. Augsburger JJ, et al. **Retina** 1985 Winter-Spring;5(1):26-9

Malignant melanoma of the anal canal. A case report and review. Mulder SP, et al. **S Afr Med J** 1985 Jan 19; 67(3):101-2

Spontaneous partial regression of malignant melanoma and its first metastasis. Case report. Faxén A, et al. **Scand J Plast Reconstr Surg** 1976;10(3):245-6

Primary malignant melanoma of the oesophagus. A case report. Kyösola K, et al. **Scand J Thorac Cardiovasc Surg** 1984;18(3):267-70

Modulation of the metastatic activity of melanoma cells by laminin and fibronectin. Terranova VP, et al. **Science** 1984 Nov 23;226(4677):982-5

Melanocytoma of the ciliary body: presentation of four cases and review of nineteen reports. Frangieh GT, et al. **Surv Ophthalmol** 1985 Mar-Apr;29(5):328-34

Iris melanoma. Nevus or malignancy? Kersten RC, et al. **Surv Ophthalmol** 1985 May-Jun;29(6):423-33

Melanocytoma: nomenclature, pathogenesis, natural history and treatment. Reidy JJ, et al. **Surv Ophthalmol** 1985 Mar-Apr;29(5):319-27

[A comparative study on the photodynamic inactivation of tumor cells in the presence of several hematoporphyrin derivatives] Xu CX, et al. **Yao Hsueh Hsueh Pao** 1985 Feb; 20(2):94-9 (Eng. Abstr.) **(Chi)**

[Primary malignant melanoma of the small intestine] Eiskjaer S. **Ugeskr Laeger** 1985 Apr 8;147(15):1271-2 (Eng. Abstr.) **(Dan)**

[Unusual and unknown aspect of cutaneous malignant melanoma: minimal deviation malignant melanoma. Retrospective study of 45 cases] Mérot Y, et al. **Ann Dermatol Venereol** 1985;112(4):325-36 (Eng. Abstr.) **(Fre)**

[Recent data on malignant melanoma of the upper respiratory and digestive tract mucosa. Apropos of a case] Kanellopoulos G, et al. **Ann Otolaryngol Chir Cervicofac** 1984;101(7):553-9 (Eng. Abstr.) **(Fre)**

[A case of primary melanoma of the nasal fossae] Siardet S, et al. **Ann Otolaryngol Chir Cervicofac** 1985; 102(5):377-80 (Eng. Abstr.) **(Fre)**

[Balloon cell melanoma of the skin. Review of the literature. Apropos of 1 case] Fievez M. **Ann Pathol** 1984 Jun-Aug; 4(3):231-5 (Eng. Abstr.) **(Fre)**

[Frontiers of the histopathologic diagnosis of pigmentary nevus/malignant melanoma in children. Apropos of 5 cases] Taieb A, et al. **Ann Pathol** 1984 Sep-Nov;4(4):283-8 (Eng. Abstr.) **(Fre)**

[Bullous malignant melanoma] Pierard GE. **Dermatologica** 1985;170(1):48-50 (Eng. Abstr.) **(Fre)**

[Malignant melanoma] Banzet P, et al. **Presse Med** 1984 Dec 1;13(43):2613-5 **(Fre)**

[Malignant melanoma in children and adolescents. 8 cases] Vennin P, et al. **Presse Med** 1985 Mar 2;14(9):529-32 (Eng. Abstr.) **(Fre)**

[Obstruction of the nostril due to a primary melanoma of the inferior turbinate mucosa] Lamarre L, et al. **Union Med Can** 1985 Feb;114(2):148, 150 **(Fre)**

[Malignant melanomas of the vulva] Landthaler M, et al. **Dtsch Med Wochenschr** 1985 May 17;110(20):789-94 (Eng. Abstr.) **(Ger)**

[Malignant melanoma of the penile fossa navicularis] Lüchtrath H, et al. **Urologe [Ausg A]** 1984 Sep;23(5):285-7 (Eng. Abstr.) **(Ger)**

[A case of malignant melanoma of apparently primary duodenal localization] Calco F, et al. **Minerva Chir** 1984 Jun 15;39(11):919-21 (Eng. Abstr.) **(Ita)**

[An autopsy case of primary malignant melanoma of the ovary] Fujiwara M, et al. **Gan No Rinsho** 1985 Apr; 31(4):441-8 (Eng. Abstr.) **(Jpn)**

[Control of melanogenesis by glycosylation inhibitors and the inhibitory effect of interferon on melanoma metastasis] Mishima Y, et al. **Gan To Kagaku Ryoho** 1985 Jun; 12(6):1235-44 (Eng. Abstr.) **(Jpn)**

[Subungual melanoma: clinicopathologic studies of 16 cases] Takematsu H, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1277-84 **(Jpn)**

[A case of malignant melanoma in the external auditory canal followed by systemic vasculitis] Sambe S, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Apr;88(4):455-62 (Eng. Abstr.) **(Jpn)**

[Malignant melanoma of the external auditory canal treated by cryotherapy] Olariu B, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec;29(4):299-311 (Eng. Abstr.) **(Rum)**

[Human melanoma strains transplantable into athymic mice and rats] Revazova ES, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):481-3 (Eng. Abstr.) **(Rus)**

[Primary melanoblastosis of meninges of the brain and spinal cord] Kurennaia SS. **Zh Vopr Neirokhir** 1984 Jul-Aug; (4):60-3 **(Rus)**

[Dysplasic nevus syndrome] Macedo NA, et al. **Med Cutan Ibero Lat Am** 1984;12(4):319-22 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

Spontaneous partial regression of primary melanoma with death due to metastases. Saida T, et al. **Arch Dermatol** 1984 Nov;120(11):1494-6

Fluorescence probes in metastatic B16 melanoma membranes. Schroeder F. **Biochim Biophys Acta** 1984 Oct 3; 776(2):299-312

Effects of B16 melanoma transplantation on the respiration of grouped C57Bl female mice. Stupfel M, et al. **Biomed Pharmacother** 1984;38(8):389-97

Nonmelanoma skin cancer, melanomas, warts, and viral oncogenesis. Epstein WL, et al. **J Am Acad Dermatol** 1984 Nov;11(5 Pt 2):960-70 (30 ref.)

Interactions between human tumor cells and fibroblasts stimulate hyaluronate synthesis. Knudson W, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6767-71

[Functional activity of the thymus gland and pituitary-adrenal system in patients with malignant skin melanoma] Labunets IF, et al. **Eksp Onkol** 1984;6(1):63-5 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Benign skin tumors [letter] Davies DM. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):217-8

Prevention of melanoma by recognition of its precursors [letter] Cohen HJ. **N Engl J Med** 1985 May 23;312(21):1388

PSYCHOLOGY

Factors related to patient delay in seeking medical attention for cutaneous malignant melanoma. Temoshok L, et al. **Cancer** 1984 Dec 15;54(12):3048-53

The relationship of psychosocial factors to prognostic indicators in cutaneous malignant melanoma. Temoshok L, et al. **J Psychosom Res** 1985;29(2):139-53

Food intake during tumor growth: anorexia in genetically obese ob/ob mice and hyperphagia in lean mice. Thompson CI, et al. **Physiol Behav** 1984 Jun;32(6):935-9

Biopsychosocial studies on cutaneous malignant melanoma: psychosocial factors associated with prognostic indicators, progression, psychophysiology and tumor-host response. Temoshok L. **Soc Sci Med** 1985;20(8):833-40

RADIOGRAPHY

Malignant melanoma presenting as a mass obstructing the common bile duct. Breatnach E, et al. **J Comput Tomogr** 1985 Apr;9(2):177-80

Malignant uveal melanoma and similar lesions studied by computed tomography. Mafee MF, et al. **Radiology** 1985 Aug;156(2):403-8

[Diagnosis of uveal melanoma] Trinkmann R. **Ophthalmologica** 1985;190(3):129-33 (Eng. Abstr.) **(Ger)**

RADIONUCLIDE IMAGING

Use of radionuclide lymphograms to determine lymphatic drainage of truncal melanomas. Jones RF, et al. **Am J Surg** 1985 May;149(5):613-4

Coincidental diagnosis of clinically undetectable primary breast carcinoma with a gallium-67 study performed for assessment of spread of malignant melanoma. Rossleigh MA, et al. **Aust NZ J Surg** 1984 Aug;54(4):391-2

Radionuclide lymphoscintigraphy with technetium 99m antimony sulfide colloid to identify lymphatic drainage of cutaneous melanoma at ambiguous sites in the head and neck and trunk. Wanebo HJ, et al. **Cancer** 1985 Mar 15;55(6):1403-13

Imaging with 131I-labeled monoclonal antibodies to a high-molecular-weight melanoma-associated antigen in patients with melanoma: efficacy of whole immunoglobulin and its F(ab')2 fragments. Buraggi GL, et al. **Cancer Res** 1985 Jul;45(7):3378-87

Radioimmunoimaging in malignant melanoma with 111In-labeled monoclonal antibody 96.5. Murray JL, et al. **Cancer Res** 1985 May;45(5):2376-81

Scintigraphic visualization of human malignant melanoma with N-isopropyl-P-[I-123] iodoamphetamine. Wada M, et al. **Clin Nucl Med** 1985 Jun;10(6):415-7

Tumor localization of alpha-aminoisobutyric acid (AIB) in human melanoma heterotransplants. Conti PS, et al. **Eur J Nucl Med** 1985;10(1-2):45-7

Localization of 11C-radiopharmaceuticals in the Greene melanoma of hamsters. Turner JH, et al. **Eur J Nucl Med** 1985;10(9-10):392-7

Delineation of a transplanted malignant melanoma with indium-111-labeled porphyrin. Foster N, et al. **J Nucl Med** 1985 Jul;26(7):756-60

Immunoscintigraphy with 123I, 99mTc and 111In-labelled F(ab')2 fragments of monoclonal antibodies to a human high molecular weight-melanoma associated antigen. Buraggi GL, et al. **J Nucl Med Allied Sci** 1984 Oct-Dec;28(4):283-95

Value of liver scintigraphy in pretreatment staging and in follow-up of patients with malignant melanoma. Jönsson PE, et al. **J Surg Oncol** 1985 May;29(1):22-5

Differential radioactivity monitor for noninvasive detection of ocular melanoma. Lambrecht RM, et al. **Nucl Med Commun** 1984 Jun;5(6):381-6

Potential radiation dose to a breast-fed infant following administration of sodium 32P-phosphate to the mother. Mountford PJ, et al. **Nucl Med Commun** 1984 Jul;5(7):473-6

Use of I-131 labeled, murine Fab against a high molecular weight antigen of human melanoma: preliminary experience. Larson SM, et al. **Radiology** 1985 May;155(2):487-92

[Significance of gallium scintigraphy in tumors and granulomatosis of the skin] Thiers G, et al. **Z Hautkr** 1984 Sep 1;59(17):1183-4, 1187 (Eng. Abstr.) **(Ger)**

[Gallium-67 scintigraphy in malignant melanoma] Katsuragi M, et al. **Kaku Igaku** 1984 Oct;21(10):1329-32 **(Jpn)**

[Clinical assessment of 67Ga-citrate tumor scintigraphy in malignant melanoma] Kosuda S, et al. **Kaku Igaku** 1984 Jul;21(7):781-90 (Eng. Abstr.) **(Jpn)**

[Radionuclide imaging with labeled monoclonal antibody] Kusakabe K, et al. **Nippon Rinsho** 1985 Apr;43(4):860-9 **(Jpn)**

[Studies of the properties of experimental melanoma using 75Se-methionine] Savel'eva OP. **Eksp Onkol** 1984;6(5):73-4 (Eng. Abstr.) **(Rus)**

RADIOTHERAPY

Fluorescein angiography in the long-term follow-up of choroidal melanoma after conservative treatment. Tarkkanen A, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):73-9

Preoperative irradiation of malignant melanoma. A multifactorial statistical analysis of survival. Benediktsdottir K, et al. **Acta Radiol [Oncol]** 1984;23(5):315-20

Malignant melanoma of the choroid: treatment with episcleral 198Au plaque and xenon-arc photocoagulation. Moura RA, et al. **Ann Ophthalmol** 1985 Feb;17(2):114-25

The management of choroidal melanoma. Packer S. **Arch Ophthalmol** 1984 Oct;102(10):1450-2

Tumour growth delay following single dose irradiation of human melanoma xenografts. Correlations with tumour growth parameters, vascular structure and cellular radiosensitivity. Rofstad EK, et al. **Br J Cancer** 1985 Feb;51(2):201-10

The treatment of malignant melanoma [letter] Ellis F. **Br J Radiol** 1984 Nov;57(683):1044

Treatment of malignant melanoma by fast neutrons. Blake PR, et al. **Br J Surg** 1985 Jul;72(7):517-9

Interstitial misonidazole. A preliminary report on a new perspective in clinical radiation sensitization and hypoxic cell chemotherapy. Sealy R, et al. **Cancer** 1984 Oct 15;54(8):1535-40

Electrophysiological findings after radiotherapy of choroidal melanoma. Foerster MH. **Dev Ophthalmol** 1984;9:228-34

Combining backscattered electrons and low energy photons to improve the dose distribution to an eyelid. Lambert GD, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):617-20

Precision, high dose radiotherapy: helium ion treatment of uveal melanoma. Saunders WM, et al. **Int J Radiat Oncol Biol Phys** 1985 Feb;11(2):227-33

Potential of palladium-109-labeled antimelanoma monoclonal antibody for tumor therapy [letter] Wahl RL. **J Nucl Med** 1985 Feb;26(2):208-9

Radiation responses of HMV-I human malignant melanoma cells grown in vitro as multicellular spheroids. Kubota N, et al. **J Radiat Res (Tokyo)** 1984 Sep;25(3):215-24

Cataract surgery following cobalt-60 plaque radiotherapy for posterior uveal malignant melanoma. Augsburger JJ, et al. **Ophthalmology** 1985 Jun;92(6):815-22

Regression of posterior uveal melanomas following cobalt-60 plaque radiotherapy. Cruess AF, et al. **Ophthalmology** 1984 Dec;91(12):1716-9

Current results of proton beam irradiation of uveal melanomas. Gragoudas ES, et al. **Ophthalmology** 1985 Feb;92(2):284-91

Iodine-125 irradiation of choroidal melanoma. Clinical experience. Packer S, et al. **Ophthalmology** 1984 Dec;91(12):1700-8

[Ionizing radiation in the treatment of melanomas of the choroid] Haye C, et al. **Bull Mem Soc Fr Ophtalmol** 1985;96:229-32 **(Fre)**

[Treatment of malignant melanoma of the uvea with the Stallard disk] Haye C, et al. **Bull Soc Ophtalmol Fr** 1984 Jun-Jul;84(6-7):767-9 **(Fre)**

[Initial results in percutaneous radiotherapy of malignant melanomas of the choroid with the linear accelerator] Bornfeld N, et al. **Klin Monatsbl Augenheilkd** 1984 Sep;185(3):181-4 (Eng. Abstr.) **(Ger)**

[Treatment of malignant melanomas of the uvea with 106-ruthenium applicators. Report on the first 100 Essen cases] Foerster MH, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):490-4 (Eng. Abstr.) **(Ger)**

[Radiotherapy treatment of malignant melanoma of the corneoscleral zone] Wetzel W. **Klin Monatsbl Augenheilkd** 1985 May;186(5):371-3 (Eng. Abstr.) **(Ger)**

[Radiation dose to the lung following endolymphatic radionuclide therapy of melanoma of the lower limbs] Müller RP, et al. **Strahlentherapie** 1985 Jan;161(1):23-9 (Eng. Abstr.) **(Ger)**

[Evaluation of the results of irradiation of patients with malignant melanoma with high fractional doses] Meder J, et al. **Nowotwory** 1985 Jan-Mar;35(1):42-6 (Eng. Abstr.) **(Pol)**

[Intensive preoperative electron therapy in the combined treatment of melanoma of the skin] Kudriavtseva GT, et al. **Med Radiol (Mosk)** 1985 May;30(5):37-43 (Eng. Abstr.) **(Rus)**

SECONDARY

Cytology and histopathology of metastatic malignant melanoma involving a polyp on the uterine cervix. A case report. Bokun R, et al **Acta Cytol (Baltimore)** 1985 Jul-Aug;29(4):612-5

Diffuse pulmonary metastasis in melanoma: radiographic-pathologic correlation. Dwyer AJ, et al. **AJR** 1984 Nov;143(5):983-4

Metastatic tumors of the heart detected by two-dimensional echocardiography. Kutalek SP, et al. **Am Heart J** 1985 Feb;109(2):343-9

Activation of ciliary body melanoma metastasis after abdominal surgery [letter] Leff SR, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):209

An investigation into the association between liver damage and metastatic uveal melanoma. Pascal SG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):448-53

Metastatic melanoma to the lung: long-term results of surgical excision. Thayer JO Jr, et al. **Am J Surg** 1985 Apr;149(4):558-62

Surgery for pulmonary metastasis: a 20-year experience. Mountain CF, et al. **Ann Thorac Surg** 1984 Oct;38(4):323-30

Intraocular metastases from cutaneous malignant melanoma de Bustros S, et al. **Arch Ophthalmol** 1985 Jul;103(7):937-40

Metastatic uveal melanoma: diffuse hepatic metastasis in a patient with concurrent normal serum liver enzyme levels and liver scan [letter] Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):758

Metastatic uveal melanoma. Hepatic metastasis identified by hybridoma-secreted monoclonal antibody MAb8-1H. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):799-801

Metastatic uveal melanoma. Pretherapy serum liver enzyme and liver scan abnormalities. Donoso LA, et al. **Arch Ophthalmol** 1985 Jun;103(6):796-8

Occult thyroid metastasis from untreated uveal melanoma. Gherardi G, et al. **Arch Ophthalmol** 1985 May;103(5):689-91

Pre-enucleation irradiation of uveal melanoma. Char DH, et al. **Br [illegible] Ophthalmol** 1985 Mar;69(3):177-9

Metastatic melanoma in brain. Rapid treatment or large dose fractions. Choi KN, et al. **Cancer** 1985 Jul 1;56(1):10-5

Intracranial metastases from melanoma. Clinical features and treatment by accelerated fractionation. Choi KN, et al. **Cancer** 1985 Jul 1;56(1):1-9

Metastatic malignant melanoma with cartilaginous metaplasia. Grunwald MH, et al. **Dermatologica** 1985;170(5):249-52

Female sex is a risk factor for satellite and in-transit recurrences from cutaneous melanoma. Rampen FH, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1151-3

Positive 57Co-bleomycin scintigraphy in silent mediastinal metastases of malignant melanoma. Valdés Olmos RA, et al. **Eur J Nucl Med** 1985;10(1-2):86-7

B16 melanoma metastases in mouse liver and lung. I. Localization. Dingemans KP, et al. **Invasion Metastasis** 1985;5(1):50-60

Cellular behavior of metastatic B16 melanoma in experimental blood-borne implantation and cerebral invasion. An electron microscopic study. Kawaguchi T, et al. **Invasion Metastasis** 1985;5(1):16-30

Selection of B16 melanoma cells with increased metastatic potential and low intercellular cohesion using Nuclepore filters. Tullberg KF, et al. **Invasion Metastasis** 1985;5(1):1-15

Computed tomography in the detection of abdominal metastases from malignant melanoma. Silverman PM, et al. **Invest Radiol** 1984 Jul-Aug;19(4):309-12

The mortality rate from lung metastases in animals inhaling nitrogen dioxide (NO2). Richters A, et al. **J Surg Oncol** 1985 Jan;28(1):63-6

Secondary tumors of the prostate. Zein TA, et al. **J Urol** 1985 Apr;133(4):615-6

Palliative laser surgery for melanoma metastatic to the larynx: report of two cases. Morgan AH, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):794-7

Tumor-to-tumor metastasis: malignant melanoma metastatic to parathyroid adenoma. Inoshita T, et al. **Milit Med** 1985 Jun;150(6):323-5

Malignant melanoma of the spinal epidural space metastasized from the enucleated left eye after nine years without symptoms: report of a case. Yanai Y, et al. **Neurosurgery** 1985 Jan;16(1):79-82

Enucleation-as-cause-of-metastasis theory in choroidal melanomas [letter] Kersten R, et al. **Ophthalmology** 1985 Feb;92(2):303-6

Melanoma with metastasis to an apical periodontal cyst. Welch RD, et al. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):189-93

Radioimmunodetection of melanoma utilizing In-111 96.5 monoclonal antibody: a preliminary report. Halpern SE, et al. **Radiology** 1985 May;155(2):493-9

[Bilateral breast metastasis from a primary uveal melanoma] Boris P. **Ugeskr Laeger** 1984 Oct 15;146(42):3204-5 (Eng. Abstr.) **(Dan)**

[Hypercalcemic bone metastases of malignant melanoma] Garcier F, et al. **Ann Dermatol Venereol** 1984;111(6-7):589-92 **(Fre)**

[Gastric metastasis of a malignant melanoma of the choroid] Colombel JF, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):754-7 (Eng. Abstr.) **(Fre)**

[Gastric metastases of a choroid melanoma. Value of endoscopy (letter)] Sahel J, et al. **Gastroenterol Clin Biol** 1984 Oct;8(10):771-2 **(Fre)**

[Prevention of hepatic metastases in ocular melanoma (letter)] Sellami M, et al. **Presse Med** 1984 Oct 13;13(36):2211 **(Fre)**

[Successful removal of a liver metastasis 15 years after enucleation of a choroid melanoma] Gronemeyer U, et al. **Fortschr Ophthalmol** 1984;81(4):363-4 (Eng. Abstr.) **(Ger)**

[Metastases of melanoma simulating cholelithiasis] Knokh LI, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):112-3 **(Rus)**

[Intrathoracic metastases of melanoma] Gallar P, et al. **Rev Clin Esp** 1984 Nov 15-30;175(3-4):157-61 (Eng. Abstr.) **(Spa)**

[Intestinal metastasis of malignant melanoma] Rodríguez Alvarez JL, et al. **Rev Esp Enferm Apar Dig** 1985 Mar;67(3):285-90 (Eng. Abstr.) **(Spa)**

SECRETION

Inability of anti-epidermal growth factor receptor monoclonal antibody to block 'autocrine' growth stimulation in transforming growth factor-secreting melanoma cells. Kudlow JE, et al. **J Biol Chem** 1984 Oct 10;259(19):11895-900

Matrix influence on the tumor cell stimulation of fibroblast collagenase production. Biswas C. **J Cell Biochem** 1985;28(1):39-45

SURGERY

Giant congenital nevus as a basis for the development of malignant melanoma. Zielinski A, et al. **Acta Chir Plast** 1985;27(2):98-103

A critique of surgical practice in excisions of primary cutaneous malignant melanoma. Ackerman AB, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:109-11

Margins of surgically excised malignant melanomas are related to the diameters of their lesions. Bagley FH. **Am J Dermatopathol** 1984 Summer;6 Suppl:127-8

On widths of margins in excision of primary malignant melanomas. Ethics of randomized trials of wide and narrow margins. Elder DE, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:131-3

Surgical margins for malignant melanomas. Kopf AW. **Am J Dermatopathol** 1984 Summer;6 Suppl:113-4

Clear thinking about malignant melanoma. Macht SD. **Am J Dermatopathol** 1984 Summer;6 Suppl:115-6

Resolving the problem of wide and deep excisions of malignant melanomas. MacKie R. **Am J Dermatopathol** 1984 Summer;6 Suppl:135-6

Excising malignant melanoma. Trimming the margins. Malt RA, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:117-8

Lymphangiosarcoma in chronic lymphedema that followed dissection of the groin in surgical management of a malignant melanoma. Ronan SG, et al. **Am J Dermatopathol** 1984 Summer;6 Suppl:245-51

Defining the definitive excision for primary cutaneous malignant melanoma. Roses DF. **Am J Dermatopathol** 1984 Summer;6 Suppl:119-22

Appropriate margins for resection of malignant melanoma in situ. Schmoeckel C. **Am J Dermatopathol** 1984 Summer; 6 Suppl:129-30

Iris melanomas. Geisse LJ, et al. **Am J Ophthalmol** 1985 Jun 15;99(6):638-48

Melanoma today does not require radical surgery. Lang NP, et al. **Am J Surg** 1984 Dec;148(6):723-6

Limited or selective nodal dissection for malignant melanoma of the head and neck. Turkula LD, et al. **Am J Surg** 1984 Oct;148(4):446-8

Prescribing spectacles for anophthalmic patients. Lloyd WC 3d, et al. **Ann Ophthalmol** 1985 Jul;17(7):426-7

Safe margins for melanoma excision. Fisher JC. **Ann Plast Surg** 1985 Feb;14(2):158-61

Biopsy procedures, primary wide excisional surgery and long term prognosis in primary clinical stage I invasive cutaneous malignant melanoma. Griffiths RW, et al. **Ann R Coll Surg Engl** 1985 Mar;67(2):75-8

Surgical management of cutaneous melanoma [letter] Dvir E. **Ann Surg** 1985 Apr;201(4):533

The frequency of local recurrence and microsatellites as a guide to reexcision margins for cutaneous malignant melanoma. Kelly JW, et al. **Ann Surg** 1984 Dec; 200(6):759-63

Cutaneous melanoma. Diagnosis and surgical intervention. Greany D, et al. **AORN J** 1985 Jul;42(1):43-9

A personal story about malignant melanoma. The impact of one OR nurse. Rothrock JC. **AORN J** 1985 Jul;42(1):51-2

Comparison of prognosis after enucleation vs cobalt 60 irradiation of melanomas. Gass JD. **Arch Ophthalmol** 1985 Jul;103(7):916-23

A ten-year hospital survey of eyelid cancer. Francis IC, et al. **Aust J Ophthalmol** 1984 May;12(2):121-7

Clinical management in the face of the uveal melanoma controversy. Hunyor AB. **Aust J Ophthalmol** 1984 May; 12(2):105-20

Malignant melanoma in childhood. Flemming AF, et al. **Br J Plast Surg** 1985 Jul;38(3):432-4

Malignant melanoma, evaluation of clinical follow up by questionnaire survey. Regan MW, et al. **Br J Plast Surg** 1985 Jan;38(1):11-4

Acral (volar-subungual) melanoma. Gutman M, et al. **Br J Surg** 1985 Aug;7(8):610-3

Melanoma of the anal canal. Pyper PC, et al. **Br J Surg** 1984 Sep;71(9):671-2

At least one centimetre for each millimetre [letter] **Br Med J [Clin Res]** 1984 Oct 20;289(6451):1070-1

At least one centimetre for each millimetre [editorial] Rampen FH. **Br Med J [Clin Res]** 1984 Sep 29; 289(6448):782-3

The role of lymph node dissection for clinical stage I malignant melanoma of intermediate thickness (1.51-3.99 mm). Elder DE, et al. **Cancer** 1985 Jul 15;56(2):413-8

Surgical treatment of distant metastatic melanoma. Indications and results. Overett TK, et al. **Cancer** 1985 Sep 1;56(5):1222-30

The influence of surgical margins and prognostic factors predicting the risk of local recurrence in 3445 patients with primary cutaneous melanoma. Urist MM, et al. **Cancer** 1985 Mar 15;55(6):1398-402

Melanoma of the head and neck. Briele HA, et al. **Clin Plast Surg** 1985 Jul;12(3):495-504

Hematoporphyrin derivative photoradiation treatment of experimental malignant melanoma in the anterior chamber of the rabbit. Franken KA, et al. **Curr Eye Res** 1985 May; 4(5):641-54

A policy of selective excision for primary cutaneous malignant melanoma. Taylor BA, et al. **Eur J Surg Oncol** 1985 Mar;11(1):7-13

Cryotherapy for lentigo maligna [letter] Burge SM, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):910

Malignant melanoma prognostic factors 7: elective lymph node dissection. Day CL Jr, et al. **J Dermatol Surg Oncol** 1985 Mar;11(3):233-9

Microscopically controlled surgery for periorbital melanoma: fixed-tissue and fresh-tissue techniques. Mohs FE. **J Dermatol Surg Oncol** 1985 Mar;11(3):284-91

Malignant melanoma and lymph nodes. Tritsch H. **J Dermatol Surg Oncol** 1985 May;11(5):500-4

Prophylactic lymphadenectomy for B16 melanoma in C57/BL6 mice: survival based on size and heterogeneous variant of the primary. Mead MJ, et al. **J Surg Res** 1985 Apr;38(4):319-27

Width of excision of melanoma [letter] Taylor BA, et al. **Lancet** 1985 Mar 23;1(8430):693

Malignant melanoma of the vulva. Jaramillo BA, et al. **Obstet Gynecol** 1985 Sep;66(3):398-401

The role of orbital exenteration in choroidal melanoma with extrascleral extension. Kersten RC, et al. **Ophthalmology** 1985 Mar;92(3):436-43

Ten years experience with eye wall resection for uveal malignant melanomas. Peyman GA, et al. **Ophthalmology** 1984 Dec;91(12):1720-5

Sclerochorioretinal resection for choroidal melanoma. A clinicopathologic correlation of a postmortem eye. Shields JA, et al. **Ophthalmology** 1984 Dec;91(12):1726-30

Selective use of wide excision with elective lymph node dissection for malignant melanoma. Fortner JG, et al. **Pathol Annu** 1985;20 Pt 1:239-46

Versatility and safety of flap coverage for wide excision of cutaneous melanomas. Cuono CB, et al. **Plast Reconstr Surg** 1985 Aug;76(2):281-5

Sarcoidosis: a cause of bilateral hilar lymphadenopathy after excision of malignant melanoma of the arm. Rubinstein I, et al. **South Med J** 1985 Sep;78(9):1139-40

The surgical approach to primary malignant melanoma. Meyer KL, et al. **Surg Gynecol Obstet** 1985 Apr; 160(4):379-86 (55 ref.)

Palliative cryosurgery for oral cavity malignant melanoma: a case report. Delbello A, et al. **Tumori** 1985 Feb 28; 71(1):89-90

Morbidity following prophylactic and therapeutic lymph node dissection for melanoma--a comparison. Ingvar C, et al. **Tumori** 1984 Dec 31;70(6):529-33

[Consensus melanoma of the skin] Suurmond D. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):771-2 **(Dut)**

[Should family physicians excise skin lesions suspicious of melanoma] Suurmond D. **Ned Tijdschr Geneeskd** 1984 Sep 1;128(35):1673-4 **(Dut)**

[Recent enucleation technics in melanoma of the choroid] Brini A. **Annee Ther Clin Ophtalmol** 1983;34:111-8 (Eng. Abstr.) **(Fre)**

[Anorectal malignant melanomas: report on 7 personal cases and 374 cases from the literature. Report of the experiences of a tumor center] Nast-Kolb D, et al. **Chirurg** 1985 Feb; 56(2):100-4 (Eng. Abstr.) **(Ger)**

[Surgical treatment of malignant melanoma of the skin with special reference to the vertical tumor diameter] Waclawiczek HW, et al. **Chirurg** 1984 Aug;55(8):508-11 (Eng. Abstr.) **(Ger)**

[Diagnosis and therapy of malignant melanoma in the dermatology clinics of East Germany] Sebastian G, et al. **Dermatol Monatsschr** 1985;171(2):95-101 (Eng. Abstr.) **(Ger)**

[Cryoenucleation in malignant melanoma of the choroid] Matthäus W, et al. **Klin Monatsbl Augenheilkd** 1984 Sep; 185(3):215-8 (Eng. Abstr.) **(Ger)**

[Primary malignant melanoma of the esophagus] Ghussen F, et al. **Leber Magen Darm** 1984 Jan;14(1):28-30 (Eng. Abstr.) **(Ger)**

[Temporary covering in the surgery of skin tumors] Petres J, et al. **Z Hautkr** 1985 Jan;60(1-2):185-96 (Eng. Abstr.) **(Ger)**

[Therapy and course of a malignant double melanoma] Richter P, et al. **Zentralbl Gynakol** 1985;107(12):769-71 (Eng. Abstr.) **(Ger)**

[Surgical treatment of anorectal melanoma (presentation of 2 cases)] Dagradi V, et al. **Chir Ital** 1984 Aug;36(4):635-42 (Eng. Abstr.) **(Ita)**

[Use of the CO2 laser in the treatment of cutaneous malignant melanoma: lymphoadenectomy] Palmeri R, et al. **Chir Ital** 1983 Aug;35(4):535-9 (Eng. Abstr.) **(Ita)**

[Round table on: Melanoma: problems of therapy] **Minerva Chir** 1985 Jun 30;40(12):921-42 **(Ita)**

[Case of primary pluricentric melanoma of the small intestine] Spalluto F, et al. **Minerva Chir** 1984 Nov 30;39(22):1605-8 (Eng. Abstr.) **(Ita)**

[Is enucleation of the eyeball useful or dangerous in choroidal melanomas?] Leibovici M, et al. **Rev Chir [Oftalmol]** 1985 Apr-Jun;29(2):129-33 (Eng. Abstr.) **(Rum)**

[Meaning of the concept 'local recurrence' following surgical treatment of malignant melanoma of the skin] Anisimov VV. **Vopr Onkol** 1985;31(1):32-8 (Eng. Abstr.) **(Rus)**

THERAPY

Survival after malignant melanoma in a black child. A case report and review of the literature. Moritz MW, et al. **Am J Clin Oncol** 1984 Oct;7(5):545-9

Therapeutic options in uveal melanoma [editorial] Char DH. **Am J Ophthalmol** 1984 Dec 15;98(6):796-9

Therapeutic options in uveal melanoma [letter] Manschot WA. **Am J Ophthalmol** 1985 May 15;99(5):615-7

Value of therapeutic hyperthermic limb perfusion in advanced recurrent melanoma of the lower extremity. Storm FK, et al. **Am J Surg** 1985 Jul;150(1):32-5

Comparison of intramuscular and intravenous recombinant alpha-2 interferon in melanoma and other cancers. Kirkwood JM, et al. **Ann Intern Med** 1985 Jul;103(1):32-6

A prospective randomized study of regional extremity perfusion in patients with malignant melanoma. Ghussen F, et al. **Ann Surg** 1984 Dec;200(6):764-8

Immune functions in melanoma patients during treatment with interferon [HuIFN-alpha (Le)] alone or in combination with cimetidine. Flodgren P, et al. **Anticancer Res** 1985 Mar-Apr;5(2):197-204

How should we manage a patient with uveal melanoma? [editorial] Fine SL. **Arch Ophthalmol** 1985 Jul;103(7):910-1

Hyperthermic treatment of intraocular tumors. Finger PT, et al. **Arch Ophthalmol** 1984 Oct;102(10):1477-81

Current status and future prospects for adjuvant therapy of melanoma. Hersey P, et al. **Aust NZ J Surg** 1984 Aug; 54(4):303-15 (119 ref.)

Primary management of melanoma. Rampen FH, et al. **Br J Dermatol** 1984 Oct;111(4):431-6

Adjuvant BCG immunotherapy for malignant melanoma. Paterson AH, et al. **Can Med Assoc J** 1984 Oct 1; 131(7):744-8

Phase II study of recombinant leukocyte A interferon (rIFN-alpha A) in disseminated malignant melanoma. Creagan ET, et al. **Cancer** 1984 Dec 15;54(12):2844-9

Serological response of melanoma patients to vaccines prepared from VSV lysates of autologous and allogeneic cultured melanoma cells. Livingston PO, et al. **Cancer** 1985 Feb 15;55(4):713-20

A randomized trial of adjuvant chemotherapy and immunotherapy in Stage I and Stage II cutaneous melanoma. An interim report. Sterchi JM, et al. **Cancer** 1985 Feb 15;55(4):707-12

Perusing the ASCO abstracts with a focus on interferons in malignant melanoma and renal cell carcinoma. Carter SK. **Cancer Chemother Pharmacol** 1984;13(3):153-6

Immunomodulation and therapeutic characterization of thymosin fraction five. Talmadge JE, et al. **Cancer Immunol Immunother** 1984;18(3):185-94

Activation of alveolar macrophage tumoricidal activity and eradication of experimental metastases by freeze-dried liposomes containing a new lipophilic muramyl dipeptide derivative. Phillips NC, et al. **Cancer Res** 1985 Jan; 45(1):128-34

Phase II trial of lymphoblastoid interferon in metastatic malignant melanoma. Goldberg RM, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):813-6

Treatment of metastatic malignant melanoma with intensive melphalan and autologous bone marrow transplantation. Lazarus HM, et al. **Cancer Treat Rep** 1985 May;69(5):473-7

Tumour growth delay, cell inactivation and vascular damage following hyperthermic treatment of a human melanoma xenograft. Rofstad EK, et al. **Eur J Cancer Clin Oncol** 1984 Oct;20(10):1295-1305

The treatment of malignant melanoma. Rosin RD. **Eur J Surg Oncol** 1985 Jun;11(2):111-5 (46 ref.)

Suppression of human melanoma growth in nude mice injected with anti high-molecular-weight melanoma-associated antigen monoclonal antibody 225.28S conjugated to purothionin. Matsui M, et al. **Gann** 1985 Feb; 76(2):119-23

Anti-tumor effects of radiolabeled syngeneic monoclonal anti-melanoma antibodies. Wakabayashi S, et al. **Gann** 1984 Aug;75(8):707-13

Inhibition of experimentally-induced murine metastases by recombinant alpha interferon: correlation between the modulatory effect of interferon treatment on natural killer cell activity and inhibition of metastases. Brunda MJ, et al. **Int J Cancer** 1984 Sep 15;34(3):421-6

Human malignant melanoma. MacKie RM, et al. **Int J Dermatol** 1984 Sep;23(7):433-43 (96 ref.)

Treatment of retinoblastoma and choroidal melanoma. A multidisciplinary approach. van Peperzeel HA. **Int Ophthalmol** 1985 Mar;7(3-4):255-8

High-dose chemotherapy with autologous marrow transplantation for malignant melanoma. Case reports and literature review. Kessinger A. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):337-43

Intralesional injection of interleukin-2-expanded autologous lymphocytes in melanoma and breast cancer patients: a pilot study. Adler A, et al. **J Biol Response Mod** 1984 Oct; 3(5):491-500

Phase II study of recombinant leukocyte A interferon (IFN-rA) plus cimetidine in disseminated malignant melanoma. Creagan ET, et al. **J Clin Oncol** 1985 Jul; 3(7):977-81

Monoclonal antibody therapy of malignant melanoma: in vivo localization in cutaneous metastasis after intravenous administration. Oldham RK, et al. **J Clin Oncol** 1984 Nov; 2(11):1235-44

Regression of established pulmonary metastases and subcutaneous tumor mediated by the systemic administration of high-dose recombinant interleukin 2. Rosenberg SA, et al. **J Exp Med** 1985 May 1;161(5):1169-88

Synergistic activation by recombinant mouse interferon-gamma and muramyl dipeptide of tumoricidal properties in mouse macrophages. Saiki I, et al. **J Immunol** 1985 Jul;135(1):684-8

Thermochemotherapy for malignant melanoma: overcoming heterogeneity in drug sensitivity. Yamada K, et al. **J Invest Dermatol** 1985 Jul;85(1):43-6

Adjuvant therapy of cutaneous malignant melanoma: a critical review. Koh HK, et al. **Med Pediatr Oncol** 1985; 13(5):244–60 (192 ref.)

Infrared contact coagulation: a new approach for local hyperthermic therapy of solid animal tumors. Lersch C, et al. **Oncology** 1984;41(6):442–5

Antitumoral activity of human fibroblast interferon administered intranodularly. Rosso R, et al. **Oncology** 1985; 42(2):86–8

Mouse monoclonal IgG3 antibody detecting GD3 ganglioside: a phase I trial in patients with malignant melanoma. Houghton AN, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1242–6

Malignant melanoma of the eye: treatment of posterior uveal lesions by Co–60 plaque radiotherapy versus enucleation. Markoe AM, et al. **Radiology** 1985 Sep;156(3):801–3

Concurrent cis–diamminedichloroplatinum(II) and radiation treatment for melanoma metastases: a pilot study. Dewit L, et al. **Radiother Oncol** 1985 Jun;3(4):303–9

Malignant melanoma and isolated limb perfusion. Giraud RM. **S Afr J Surg** 1984 Nov–Dec;22(4):243–8

Elective treatment of regional lymph nodes in malignant melanoma. Hietanen T, et al. **Strahlentherapie** 1985 Jan; 161(1):1–4

Serologic response to human melanoma lines from patients with melanoma undergoing treatment with vaccinia melanoma oncolysates. Wallack MK, et al. **Surgery** 1984 Oct;96(4):791–800

Adoptive immunotherapy of metastatic B16 melanoma with allogeneic immune cells sensitized to minor histocompatibility antigens. Beatty PA, et al. **Transplantation** 1985 Feb;39(2):182–6

[Modern trends in the treatment of malignant melanoma] Hrivnáková J, et al. **Rozhl Chir** 1985 Feb;64(2):79–85 (Eng. Abstr.) **(Cze)**

[Treatment of malignant melanoma of the choroid] Mangeney GH. **Bull Mem Soc Fr Ophtalmol** 1985;96:217–22 **(Fre)**

[Conservative treatment of melanomas of the choroid] Zografos L, et al. **Bull Mem Soc Fr Ophtalmol** 1985; 96:223–8 **(Fre)**

[Conservative treatment of melanoma of the choroid. Is enucleation an unusual step?] Brini A. **J Fr Ophtalmol** 1984; 7(11):745–53 **(Fre)**

[Pregnancy after malignant melanoma. A follow–up of 23 patients] Bork K, et al. **Dtsch Med Wochenschr** 1985 Aug 30;110(35):1323–7 (Eng. Abstr.) **(Ger)**

[Results in the use of immunochemotherapy in patients with cutaneous malignant melanoma] Calbo L, et al. **Chir Ital** 1983 Aug;35(4):519–25 (Eng. Abstr.) **(Ita)**

[Phase II study of recombinant leukocyte A interferon (Ro 22–8181) in skin malignant tumors] **Gan To Kagaku Ryoho** 1985 Apr;12(4):936–42 (Eng. Abstr.) **(Jpn)**

[Antitumor effects of recombinant human leukocyte interferon (rIFN–alpha A) on human malignomas transplanted into nude mice] Hashizume S. **Gan To Kagaku Ryoho** 1985 Feb;12(2):284–8 (Eng. Abstr.) **(Jpn)**

[Diagnosis and treatment of malignant melanoma] Ishihara K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1727–34 (Eng. Abstr.) **(Jpn)**

[A report of malignant melanoma of the nasal cavity––followed for fourteen years] Hoki K, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):290–4 (Eng. Abstr.) **(Jpn)**

[Analyses of antitumor effects of mononuclear cells and the future prospects of immunotherapy] Saijo N. **Nippon Kyobu Shikkan Gakkai Zasshi** 1985 Jan;23(1):51–5 (Eng. Abstr.) **(Jpn)**

[Clinical trials of chemotherapy and chemoimmunotherapy of malignant melanoma with unfavorable prognosis after surgical treatment] Dobrek Z. **Wiad Lek** 1985 Feb 15; 38(4):265–70 (Eng. Abstr.) **(Pol)**

[Comparative evaluation of the efficacy of different methods of treating patients with malignant melanomas of the skin] Zhivetskiĭ AV, et al. **Khirurgiia (Mosk)** 1985 Mar;(3):45–8 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

A morphological characterization of melanoma tumor cell interaction with a basement membrane model in the absence and presence of an anticancer agent. Hendrix MJ. **Scan Electron Microsc** 1984;(Pt 4):1973–82

The ultrastructure of conjunctival melanocytic tumors. Jakobiec FA. **Trans Am Ophthalmol Soc** 1984;82:599–752 (206 ref.)

Amelanotic malignant melanoma [letter] Thorstenson S. **Ultrastruct Pathol** 1984;6(4):351–7

[Establishment of a human melanoma cell line and its cytological characteristics] Saida T, et al. **Nippon Hifuka Gakkai Zasshi** 1985 Jan;95(1):31–41 **(Jpn)**

URINE

'Total' acidic metabolites of catecholamines in urine as determined by hydrolysis with hydriodic acid and liquid chromatography: application to patients with neuroblastoma and melanoma. Ito S, et al. **Clin Chem** 1985 Jul;31(7):1185–8

Influence of interferon on C19–steroids in urine of malignant skin melanoma and malignant breast neoplasm patients. Marković L, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Aug;22(8):416–8

Purification and characterization of a low molecular weight transforming growth factor from the urine of melanoma patients. Kim MK, et al. **J Biol Chem** 1985 Aug 5; 260(16):9237–43

VETERINARY

The genes that carcinogens act upon. Anders F, et al. **Hamatol Bluttransfus** 1985;29:228–52

Malignant melanoma of the conjunctiva in a cat. Cook CS, et al. **J Am Vet Med Assoc** 1985 Mar 1;186(5):505–6

Pelvic limb lameness due to malignant melanoma in a horse. Kirker–Head CA, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1215–7

Malignant melanoma in a goat. Sockett DC, et al. **J Am Vet Med Assoc** 1984 Oct 15;185(8):907–8

Properties of an alkaline phosphatase from Sinclair swine melanoma. Williams MV, et al. **J Invest Dermatol** 1984 May;82(5):526–31

MELANOPHORES

ANALYSIS

A porphyropsin–like action spectrum from Xenopus melanophores. Lythgoe JN, et al. **Photochem Photobiol** 1984 Sep;40(3):411–2

DRUG EFFECTS

Salmonid melanin–concentrating hormone inhibits corticotrophin release. Baker BI, et al. **J Endocrinol** 1985 Aug;106(2):R5–8

Calcium requirement for alpha–MSH action on melanophores: studies with forskolin. de Graan PN, et al. **J Recept Res** 1984;4(1–6):521–36

The effect of pertussis toxin on alpha–2–adrenoceptor–mediated pigment migration in fish melanophores. Karlsson JO, et al. **Life Sci** 1985 Sep 16; 37(11):1043–9

The stimulatory effects of prostaglandins on the melanophores of the lizard, Anolis carolinensis. Lucas A, et al. **Life Sci** 1985 Mar 4;36(9):835–40

METABOLISM

An Anolis skin melanophore assay suitable for photoaffinity labeling studies with alpha–MSH. Eberle AN, et al. **Experientia** 1985 May 15;41(5):654–6

Fish melanin–concentrating hormone disperses melanin in amphibian melanophores. Ide H, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):486–90

Photoaffinity labelling of MSH receptors on Anolis melanophores: effects of catecholamines, calcium and forskolin. Eberle AN, et al. **J Recept Res** 1985;5(1):59–81

Photoaffinity labelling of MSH receptors on Anolis melanophores: irradiation technique and MSH photolabels for irreversible stimulation. Eberle AN. **J Recept Res** 1984; 4(1–6):315–29

PHYSIOLOGY

Energy requirements for pigment aggregation in fundulus melanophores. Clark TG, et al. **Cell Motil** 1984;4(6):431–41

Receptor mechanisms in fish chromatophores––VIII. Mediated by beta adrenoceptors, catecholamines always act to disperse pigment in siluroid melanophores. Fujii R, et al. **Comp Biochem Physiol [C]** 1985;81(1):1–6

Control of chromatophore movements in dermal chromatic units of blue damselfish––I. The melanophore. Kasukawa H, et al. **Comp Biochem Physiol [C]** 1985;81(2):253–7

[Dynamics of the redistribution of pigment granules in the dermal melanophores of anuran amphibians. 1. Dispersion] Nikeriasova EN, et al. **Ontogenez** 1984 Nov–Dec; 15(6):616–25 (Eng. Abstr.) **(Rus)**

[Appearance of secondary melanophore reactions in the ontogeny of anuran amphibia] Zakharova LA. **Ontogenez** 1984 Sep–Oct;15(5):552–5 (Eng. Abstr.) **(Rus)**

MELANOSIS

CHEMICALLY INDUCED

[Ocular changes in chlorpromazine–induced melanosis] Schönthaler M. **Klin Oczna** 1984 Nov;86(11):491–2 (Eng. Abstr.) **(Pol)**

[Toxic lichenoid melanodermatitis] Escudero Ordóñez J, et al. **Med Cutan Iber Lat Am** 1984;12(3):199–202 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Open angle glaucoma in melanosis oculi: response to laser trabeculoplasty. Goncalves V, et al. **Ann Ophthalmol** 1985 Jan;17(1):33–6

Melanosis of the rectum in patients with chronic constipation. Badiali D, et al. **Dis Colon Rectum** 1985 Apr;28(4):241–5

Malignant melanoma of the vagina: a case report of progression from preexisting melanosis. Lee RB, et al. **Gynecol Oncol** 1984 Oct;19(2):238–45

A case of melanosis oculi with malignant melanoma of the choroid. Brini A. **Int Ophthalmol** 1985 Mar;7(3–4):169–74

Neurocutaneous melanosis with hydrocephalus and syringomyelia. Case report. Leaney BJ, et al. **J Neurosurg** 1985 Jan;62(1):148–52

[Generalized melanosis of the colon associated with multiple recto–colonic adenomas] Quiroli A, et al. **Minerva Med** 1984 Oct 13;75(39):2289–94 (Eng. Abstr.) **(Ita)**

[Primary malignant melanoma of the esophagus associated with melanosis of the esophagus and stomach] Alberti JE, et al. **Acta Gastroenterol Latinoam** 1984;14(2):139–48 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

NAME syndrome (nevi, atrial myxoma, myxoid neurofibroma, ephelides): a new and unrecognized subset of patients with cardiac myxoma. Vidaillet HJ Jr, et al. **Minn Med** 1984 Dec;67(12):695–6

[Bloch–Sulzberger syndrome] Samsygina GA, et al. **Pediatriia** 1985 Feb;(2):76–7 **(Rus)**

ETIOLOGY

Association of melasma with thyroid autoimmunity and other thyroidal abnormalities and their relationship to the origin of the melasma. Lutfi RJ, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):28–31

[Friction melanosis] Hidano A, et al. **Ann Dermatol Venereol** 1984;111(12):1063–71 (Eng. Abstr.) **(Fre)**

[Diffuse melanosis and melanuria in malignant melanoma] Woscoff A, et al. **Med Cutan Ibero Lat Am** 1984;12(6):501–8 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Familial Becker's nevus [letter] Fretzin DF, et al. **J Am Acad Dermatol** 1985 Mar;12(3):589–90

PATHOLOGY

Malignant melanoma in situ, precancerous melanosis, or atypical intraepidermal melanocytic proliferation. Rywlin AM. **Am J Dermatopathol** 1984 Summer;6 Suppl:97–9

Chloroquine–induced hypopigmentation of hair and freckles. Association with congenital renal failure. Dupré A, et al. **Arch Dermatol** 1985 Sep;121(9):1164–6

Congenital arrector pili hamartoma. A case report and review of the spectrum of Becker's melanosis and pilar smooth–muscle hamartoma. Slifman NR, et al. **Arch Dermatol** 1985 Aug;121(8):1034–7

Pseudomelanosis duodeni: a clinicopathologic entity. Yamase H, et al. **Gastrointest Endosc** 1985 Apr;31(2):83–6

Atypical melanocytic hyperplasia of the vagina. Bottles K, et al. **Gynecol Oncol** 1984 Oct;19(2):226–30

Primary acquired melanosis of the conjunctiva. Folberg R, et al. **Hum Pathol** 1985 Feb;16(2):129–35

[Neurocutaneous melanosis: autopsy study of a case] Coutinho LM, et al. **Arq Neuropsiquiatr** 1985 Mar; 43(1):73–80 (Eng. Abstr.) **(Por)**

[Case of hemochromatosis with pronounced melanosis of the skin] Kovsh OIa, et al. **Vrach Delo** 1984 Nov;(11):46–8 **(Rus)**

MELANOSOMES see **MELANOCYTES**

MELANOTROPIN see **MSH**

MELARSOPROL see under **ARSENICALS**

MELASMA see **MELANOSIS**

MELATONIN

ADMINISTRATION & DOSAGE

Daily afternoon administration of melatonin does not irreversibly inhibit sexual maturation in the male rat. Lang U, et al. **Endocrinology** 1984 Dec;115(6):2303–10

Effect of intravaginal implants of melatonin on the onset of ovarian activity in adult and prepubertal ewes. Nowak R, et al. **J Reprod Fertil** 1985 May;74(1):287–93

ANALOGS & DERIVATIVES

6–Sulphatoxy melatonin in melancholia. Boyce PM. **Am J Psychiatry** 1985 Jan;142(1):125–7

Iodinated melatonin: preparation and characterization of the molecular structure by mass and 1H NMR spectroscopy. Vakkuri O, et al. **Anal Biochem** 1984 Nov 1;142(2):284–9

Immunoassay of 6–hydroxymelatonin sulfate in human plasma and urine: abolition of the urinary 24–hour rhythm with atenolol. Arendt J, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1166–73

Melatonin is metabolized to N–acetyl serotonin and 6–hydroxymelatonin in man. Young IM, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):114–9

ANALYSIS

Light–dependent regulation of dopamine receptors in mammalian retina. Dubocovich ML, et al. **Brain Res** 1985 Jun 3;335(2):321–5

Direct radioimmunoassay of melatonin in saliva [letter] Miles A, et al. **Clin Chem** 1985 Aug;31(8):1412–3

Scheduled feeding and 24–hour rhythms of N–acetylserotonin and melatonin in rats. Ho AK, et al. **Endocrinology** 1985 May;116(5):1858–62

Presence of immunoreactive melatonin in different tissues of the pigeon (Columba livia). Vakkuri O, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):69-75

Analysis of melatonin, 5-methoxytryptophol and 5-methoxyindoleacetic acid in the pineal gland and retina of hamster by capillary column gas chromatography-mass spectrometry. Beck O, et al. **J Chromatogr** 1984 Nov 9; 311(1):1-8

Immunoassay of melatonin with enzyme-labeled antibodies. Ferrua B, et al. **J Immunoassay** 1985;6(1-2):79-94

Prevention of bridge binding effects in haptenic immunoassay systems exemplified by an iodinated radioimmunoassay for melatonin. Tiefenauer LX, et al. **J Immunol Methods** 1984 Nov 30;74(2):293-8

Selective inhibition of MAO-A but not MAO-B activity increases rat pineal melatonin. Oxenkrug GF, et al. **J Neural Transm** 1985;61(3-4):265-70

Photoreceptor damage and eye pigmentation: influence on the sensitivity of rat pineal N-acetyltransferase activity and melatonin levels to light at night. Webb SM, et al. **Neuroendocrinology** 1985 Mar;40(3):205-9

Comparison of pineal melatonin rhythms in young adult and old Djungarian hamsters (Phodopus sungorus) under long and short photoperiods. Hoffmann K, et al. **Neurosci Lett** 1985 May 1;56(1):39-43

Identification of melatonin in the compound eyes of an insect, the locust (Locusta migratoria), by radioimmunoassay and gas chromatography-mass spectrometry. Vivien-Roels B, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):153-7

Lithium and melatonin in pigmented eye rats: effects of dose and time of day. Seggie J, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):733-6

A simple method for the measurement of pineal melatonin with a high performance liquid chromatography--UV detection. Yamada K, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):283-7

ANTAGONISTS & INHIBITORS

N-Acetyltryptamine antagonizes the melatonin-induced inhibition of [3H]dopamine release from retina. Dubocovich ML. **Eur J Pharmacol** 1984 Oct 1; 105(1-2):193-4

Serotonin and antidepressant drugs antagonize melatonin-induced behavioural changes after injection into the nucleus accumbens of rats. Gaffori O, et al. **Neuropharmacology** 1985 Mar;24(3):237-44

BIOSYNTHESIS

Alterations in components of the pineal melatonin synthetic pathway by acute insulin stress in the rat and Syrian hamster. Champney TH, et al. **Brain Res** 1985 Jul 8; 338(1):25-32

Evidence for the involvement of the visual system in mediating magnetic field effects on pineal melatonin synthesis in the rat. Olcese J, et al. **Brain Res** 1985 May 6;333(2):382-4

Rapid nocturnal increase in ovine pineal N-acetyltransferase activity and melatonin synthesis: effects of cycloheximide. Namboodiri MA, et al. **J Neurochem** 1985 Sep;45(3):832-5

Effects of 6-methoxy-2-benzoxazolinone on the pineal melatonin generating system. Yuwiler A, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):45-50

Does maximal serotonin N-acetyltransferase activity necessarily reflect maximal melatonin production in the rat pineal gland? King TS, et al. **Neurosci Lett** 1984 Aug 10; 48(3):343-7

BLOOD

Circannual concentrations of melatonin, gonadotrophins, prolactin and gonadal steroids in males in a geographical area with a large annual variation in daylight. Martikainen H, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):446-50

Age- and sex-associated modification of plasma melatonin concentrations in man. Relationship to pathology, malignant or not, and autopsy findings. Touitou Y, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):135-44

Serum melatonin in relation to clinical variables in patients with major depressive disorder and a hypothesis of a low melatonin syndrome. Beck-Friis J, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):319-30

Plasma melatonin concentrations in hibernating marmots: absence of a plasma melatonin rhythm. Florant GL, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1062-6

Differences in nocturnal melatonin secretion between melancholic depressed patients and control subjects. Brown R, et al. **Am J Psychiatry** 1985 Jul;142(7):811-6

Supersensitivity to light: possible trait marker for manic-depressive illness. Lewy AJ, et al. **Am J Psychiatry** 1985 Jun;142(6):725-7

A chronobiological study of melatonin and cortisol secretion in depressed subjects: plasma melatonin, a biochemical marker in major depression. Claustrat B, et al. **Biol Psychiatry** 1984 Aug;19(8):1215-28

Melatonin as depression marker [letter] Goldstein JA. **Biol Psychiatry** 1985 May;20(5):585

Plasma concentrations of melatonin in man following oral absorption of different preparations. Aldhous M, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):517-21

Treatment with beta-adrenoceptor blockers reduces plasma melatonin concentration. Cowen PJ, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):258-60

Plasma melatonin during desmethylimipramine treatment: evidence for changes in noradrenergic transmission. Cowen PJ, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):799-805

Circadian rhythms and psychiatry [letter] Nair NP, et al. **Br J Psychiatry** 1984 Nov;145:557-8

The circadian rhythm in plasma melatonin concentration of the urbanized man: the effect of summer and winter time. Illnerová H, et al. **Brain Res** 1985 Feb 25;328(1):186-9

A chronobiological study of melatonin, cortisol growth hormone and prolactin secretion in cluster headache. Chazot G, et al. **Cephalalgia** 1984 Dec;4(4):213-20

Serum melatonin and pineal indoleamine metabolism in a species with a small day/night N-acetyltransferase rhythm. Namboodiri MA, et al. **Comp Biochem Physiol [B]** 1985; 80(4):731-6

Serum melatonin profiles and endocrine responses of ewes exposed to a pulse of light late in the dark phase. Earl CR, et al. **Endocrinology** 1985 Jul;117(1):226-30

The effect of different photoperiods on plasma concentrations of melatonin, prolactin, and cortisol in the domestic cat. Leyva H, et al. **Endocrinology** 1984 Nov;115(5):1729-36

Ovine pineal alpha 1-adrenoceptors: characterization and evidence for a functional role in the regulation of serum melatonin. Sugden D, et al. **Endocrinology** 1985 May; 116(5):1960-7

Circadian rhythms in serum melatonin from infancy to adolescence. Attanasio A, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):388-90

Plasma melatonin and the hormone-dependency of human breast cancer. Danforth DN Jr, et al. **J Clin Oncol** 1985 Jul;3(7):941-8

Response in peripheral plasma melatonin to photoperiod change and the effects of exogenous melatonin on seasonal quiescence in the tammar, Macropus eugenii. McConnell SJ, et al. **J Reprod Fertil** 1985 Mar;73(2):529-38

Differential effects of isoproterenol injections on the levels of pineal N-acetyltransferase, serum N-acetylserotonin and melatonin. Ho AK, et al. **Life Sci** 1985 Jun 3;36(22):2137-43

Diagnostic potential of melatonin analysis in pineal tumors [letter] Miles A, et al. **N Engl J Med** 1985 Aug 1; 313(5):329-30

Relationship between pineal N-acetyltransferase activity, pineal melatonin and serum melatonin in rats under different lighting conditions. Ho AK, et al. **Neuroendocrinology** 1984 Nov;39(5):465-70

Aging and diurnal rhythms of pineal serotonin, 5-hydroxyindoleacetic acid, norepinephrine, dopamine and serum melatonin in the male rat. Tang F, et al. **Neuroendocrinology** 1985 Feb;40(2):160-4

Pineal gland size and serum melatonin levels in male rats are not correlated. Vollrath L, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):25-8

Abnormal serum melatonin levels in patients with intrasellar tumors. Dempsey RJ, et al. **Neurosurgery** 1984 Dec; 15(6):815-9

Circadian rhythm of plasma melatonin in endogenous depression. Nair NP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):715-8

Melatonin, cortisol and ACTH in patients with major depressive disorder and healthy humans with special reference to the outcome of the dexamethasone suppression test. Beck-Friis J, et al. **Psychoneuroendocrinology** 1985; 10(2):173-86

Melatonin in relation to body measures, sex, age, season and the use of drugs in patients with major affective disorders and healthy subjects. Beck-Friis J, et al. **Psychoneuroendocrinology** 1984;9(3):261-77

Nocturnal serum melatonin in major depressive disorder before and after desmethylimipramine treatment. Brown RP, et al. **Psychopharmacol Bull** 1985;21(3):579-81

Treating phase typed chronobiologic sleep and mood disorders using appropriately timed bright artificial light. Lewy AJ, et al. **Psychopharmacol Bull** 1985;21(3):368-72

Effect of physical exercise on plasma melatonin levels in normal volunteers. Theron JJ, et al. **S Afr Med J** 1984 Dec 1;66(22):838-41

[Melatonin. Chronobiologic peripheral endocrine index in depressive states] Chazot G, et al. **Encephale** 1985 May-Jun;11(3):113-6 (Eng. Abstr.) **(Fre)**

[Daily profiles of melatonin, cortisol and gonadotropins in 8 adolescents with anorexia nervosa] Dalery J, et al. **Encephale** 1985 Jan-Feb;11(1):25-8 (Eng. Abstr.) **(Fre)**

IMMUNOLOGY

N-Acetylserotonin in the central nervous system. Brown GM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984;8(4-6):475-80 (31 ref.)

ISOLATION & PURIFICATION

Effect of melatonin-free pineal extract on cholesterol in basal and HCG treated rats. Damian E, et al. **Endocrinologie** 1984 Oct-Dec;22(4):245-51

METABOLISM

Effect of superior cervical ganglionectomy on melatonin stimulation by specific MAO-A inhibition. McIntyre IM, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3393-4

Carbidopa effect on rat brain monoamine oxidase and pineal melatonin. McIntyre IM, et al. **Biol Psychiatry** 1985 Jul; 20(7):809-11

Melatonin in serum and the pineal of spontaneously hypertensive rats. Kawashima K, et al. **Clin Exp Hypertens [A]** 1984;6(8):1517-28

Arrest of the circadian pacemaker driving the pineal melatonin rhythm in hibernating golden hamsters, Mesocricetus auratus. Vaněček J, et al. **Comp Biochem Physiol [A]** 1985;80(1):21-3

Non-suppressibility by room light of pineal N-acetyltransferase activity and melatonin levels in two diurnally active rodents, the Mexican ground squirrel (Spermophilus mexicanus) and the eastern chipmunk (Tamias striatus). Reiter RJ, et al. **Endocr Res** 1984; 10(2):113-21

Changes in photoperiod alter the daily rhythms of pineal melatonin content and hypothalamic beta-endorphin content and the luteinizing hormone response to naloxone in the male Syrian hamster. Roberts AC, et al. **Endocrinology** 1985 Jul;117(1):141-8

Maturation of the pineal melatonin rhythm in long- and short-day reared Djungarian hamsters. Yellon SM, et al. **Experientia** 1985 May 15;41(5):651-2

Effects of time, photoperiod, and pinealectomy on ocular and plasma melatonin concentrations in the chick. Osol G, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):415-20

Effect of photic manipulation on the level of melatonin in the retinas of frogs (Rana tigrina regulosa). Pang SF, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):464-70

Melatonin rhythms in the eyes, pineal bodies, and blood of Japanese quail (Coturnix coturnix japonica). Underwood H, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):70-81

Melatonin is metabolized to N-acetyl serotonin and 6-hydroxymelatonin in man. Young IM, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):114-9

Plasma and tissue concentrations of melatonin after midnight light exposure and pinealectomy in the pigeon. Vakkuri O, et al. **J Endocrinol** 1985 May;105(2):263-8

Day:night variations of melatonin, 5-hydroxyindole acetic acid, serotonin, serotonin N-acetyltransferase, tryptophan, norepinephrine and dopamine in the rabbit pineal gland. Brainard GC, et al. **Life Sci** 1984 Oct 8;35(15):1615-22

Decreases in pineal melatonin content during the hibernation bout in the golden-mantled group squirrel, Spermophilus lateralis. Stanton TL, et al. **Life Sci** 1984 Oct 1; 35(14):1461-7

Oral administration and distribution of melatonin in human serum, saliva and urine. Vakkuri O, et al. **Life Sci** 1985 Aug 5;37(5):489-95

Bioavailability of oral melatonin in humans. Waldhauser F, et al. **Neuroendocrinology** 1984 Oct;39(4):307-13

Pharmacological changes in rat pineal gland melatonin content. Garvey PL, et al. **Proc West Pharmacol Soc** 1984; 27:51-4

[Effect of acute administration of antidepressive agents at 2 P.M. on plasma and pineal levels of melatonin in the rat] Mouren P, et al. **Encephale** 1985 Jan-Feb;11(1):29-30 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Lack of melatonin action on testosterone production by superfused rat interstitial cells. Jarrige JF, et al. **Acta Endocrinol (Copenh)** 1984 Sep;107(1):117-24

Effects of pinealectomy and melatonin administration on thyroid follicles of blind Syrian hamsters. Vriend J, et al. **Anat Rec** 1985 Jan;211(1):29-33

Sex and strain related effects of melatonin and 5-methoxytryptophol on open field behaviour in paired mice. Paterson AT, et al. **Behav Brain Res** 1984 Aug; 13(2):107-13

Effects of melatonin on human mood and performance. Lieberman HR, et al. **Brain Res** 1984 Dec 10;323(2):201-7

Effect of melatonin on B16 melanoma growth in athymic mice. Narita T, et al. **Cancer Res** 1985 Sep;45(9):4175-7

Oxytocin release induced by melatonin in the ewe. Ross MG, et al. **Dev Pharmacol Ther** 1985;8(4):254-9

Daily administration of melatonin delays rat vaginal opening and disrupts the first estrous cycles: evidence that these effects are synchronized by the onset of light. Rivest RW, et al. **Endocrinology** 1985 Feb;116(2):779-87

Effects of timed melatonin injections on reproduction in pinealectomized Peromyscus leucopus. Hall ES, et al. **Gen Comp Endocrinol** 1985 Jun;58(3):407-14

Annual testicular cycle of the lizard Anolis carolinensis: effects of pinealectomy and melatonin. Underwood H. **J Exp Zool** 1985 Feb;233(2):235-42

Effect of feeding melatonin to red deer (Cervus elaphus) on the onset of the breeding season. Adam CL, et al. **J Reprod Fertil** 1984 Nov;72(2):463-6

Induction of early rutting in male red deer (Cervus elaphus) by melatonin and its dependence on LHRH. Lincoln GA, et al. **J Reprod Fertil** 1984 Nov;72(2):339-43

Effect of constant-release implants of melatonin on seasonal cycles in reproduction, prolactin secretion and moulting in rams. Lincoln GA, et al. **J Reprod Fertil** 1985 Jan; 73(1):241-53

Advancement of reproductive activity, seasonal reduction in prolactin secretion and seasonal pelage changes in pubertal red deer hinds (Cervus elaphus) subjected to artificially shortened daily photoperiod or daily melatonin treatments. Webster JR, et al. **J Reprod Fertil** 1985 Jan; 73(1):255-60

Melatonin protects rats from injurious effects of a glucocorticoid, dexamethasone. Mori W, et al. **Jpn J Exp Med** 1984 Dec;54(6):255-61

Beta-endorphin-(10-16) antagonizes behavioral responses elicited by melatonin following injection into the nucleus accumbens of rats. Gaffori O, et al. **Life Sci** 1985 Jul 29; 37(4):357-64

Two daily melatonin injections differentially induce nonshivering thermogenesis and gonadal regression in the mouse (Peromyscus leucopus). Hall ES, et al. **Life Sci** 1985 Aug 26;37(8):783-8

Effects of melatonin and 6-methoxy-tetrahydro-beta-carboline in light induced retinal damage: a computerized morphometric method. Leino M, et al. **Life Sci** 1984 Nov 12;35(20):1997-2001

Serum melatonin response to melatonin administration in the Syrian hamster. Brown GM, et al. **Neuroendocrinology** 1985 Jul;41(1):31-5

Electrical responses of pineal cells to pineal indoles and putative transmitters in intact and blinded pigeons. Demaine C, et al. **Neuroendocrinology** 1984 Nov; 39(5):408-13

Effects of injections and/or chronic implants of melatonin and 5-methoxytryptamine on plasma thyroid hormones in male and female Syrian hamsters. Vaughan MK, et al. **Neuroendocrinology** 1984 Oct;39(4):361-6

Circadian variations in the inhibition of dopamine release from adult and newborn rat hypothalamus by melatonin. Zisapel N, et al. **Neuroendocrinology** 1985 Feb;40(2):102-8

In vitro effects of melatonin on [3H]muscimol binding in rat brain. Coloma FM, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):669-72

PHYSIOLOGY

Decreased thermal tolerance in Mus musculus with melatonin and chlorpromazine. Hutchison VH, et al. **Comp Biochem Physiol [C]** 1984;78(2):373-6

Suppression of basal luteinizing hormone concentrations by melatonin in postmenopausal women. Aleem FA, et al. **Fertil Steril** 1984 Dec;42(6):923-5

Photoperiod perception in the blind mole rat (Spalax ehrenbergi, Nehring): involvement of the Harderian gland, atrophied eyes, and melatonin. Pevet P, et al. **J Exp Zool** 1984 Oct;232(1):41-50

Effects of melatonin implants in ram lambs. Kennaway DJ, et al. **J Reprod Fertil** 1985 Jan;73(1):85-91

Influence of melatonin on pubertal development in male deer mice (Peromyscus maniculatus). Whitsett JM, et al. **J Reprod Fertil** 1984 Nov;72(2):287-93

Pineal melatonin mediates photoperiodic control of pulsatile luteinizing hormone secretion in the ewe. Bittman EL, et al. **Neuroendocrinology** 1985 May;40(5):409-18

Studies on the involvement of melatonergic mechanism in intraocular pressure regulation. Chiou GC, et al. **Ophthalmic Res** 1984;16(6):302-6

Melatonin: a coordinating signal for mammalian reproduction? Tamarkin L, et al. **Science** 1985 Feb 15; 227(4688):714-20 (87 ref.)

SECRETION

Importance of duration of nocturnal melatonin secretion in determining the reproductive response to inductive photoperiod in the ewe. Yellon SM, et al. **Biol Reprod** 1985 Apr;32(3):523-9

Episodic secretion of melatonin in pre- and postpubertal girls and boys. Penny R. **J Clin Endocrinol Metab** 1985 Apr; 60(4):751-6

Metyrapone: an agent for melatonin as well as ACTH and cortisol secretion. Brismar K, et al. **J Endocrinol Invest** 1985 Apr;8(2):91-5

Light intensities required to suppress nocturnal melatonin secretion in albino and pigmented rats. Lynch HJ, et al. **Life Sci** 1984 Aug 20;35(8):841-7

Diurnal changes in peripheral melatonin concentration in goats and effects of light or dark interruption. Maeda K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):837-42

[Melatonin in humans] Karasek M. **Endokrynol Pol** 1984; 35(6):315-22 (47 ref.) **(Pol)**

[Compensatory acceleration of the functional maturation of the melatonin-secreting structures in Rana arvalis tadpoles] Golichenkov VA, et al. **Zh Obshch Biol** 1984 Jul-Aug; 45(4):545-51 (Eng. Abstr.) **(Rus)**

TOXICITY

[Blastomogenic activity of biogenic methoxyindoles] Sergeeva TI, et al. **Vopr Onkol** 1985;31(8):73-8 (Eng. Abstr.) **(Rus)**

URINE

Rapid antidepressant activity of destyr gamma endorphin: correlation with urinary melatonin. Chazot G, et al. **Biol Psychiatry** 1985 Sep;20(9):1026-30

MELEDA DISEASE see **KERATOSIS PALMARIS ET PLANTARIS**

MELENA

CHEMICALLY INDUCED

Hypoprothrombinemia and bleeding due to cefoperazone [letter] Osborne JC. **Ann Intern Med** 1985 May; 102(5):721-2

An assessment of faecal blood loss from Ro 21-5521, a novel non-steroidal anti-inflammatory agent, in normal volunteers. Bird HA, et al. **Curr Med Res Opin** 1984; 9(5):353-7

[Hemorrhagic colitis caused by antibiotic therapy] De Berardinis F, et al. **Minerva Dietol Gastroenterol** 1985 Apr-Jun;31(2):307-10 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

How should we proceed when a melaena is discovered? Elewaut A. **Acta Clin Belg** 1984;39(4):259-60

Bleeding pattern before admission as guideline for emergency endoscopy. Wara P, et al. **Scand J Gastroenterol** 1985 Jan; 20(1):72-8

DRUG THERAPY

Somatostatin in treatment of haematemesis and melaena. Somerville KW, et al. **Lancet** 1985 Jan 19;1(8421):130-2

ETIOLOGY

Common bacterial causes of bloody diarrhea. Silverman A. **Pediatr Ann** 1985 Jan;14(1):39-45, 48-50

An ulcerated gastric diverticulum--a rare cause of haematemesis and melaena. Gibbons CP, et al. **Postgrad Med J** 1984 Oct;60(708):693-5

[Primary aortoduodenal fistula, a rare cause of gastrointestinal blood loss] Voorhoeve R, et al. **Ned Tijdschr Geneeskd** 1985 May 11;129(19):908-10 (Eng. Abstr.) **(Dut)**

[Angiodysplasia of the colon. Apropos of a case] Meknini B, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep; 20(4):183-5 (Eng. Abstr.) **(Fre)**

[Intestinal leiomyoma as cause of recurrent digestive hemorrhage (letter)] Zuloaga J, et al. **Rev Clin Esp** 1985 Feb;176(3):156-7 **(Spa)**

MELENGESTROL see under **PREGNADIENES**

MELIBIOSE see under **DISACCHARIDES**

MELIOIDOSIS

Pleuropulmonary melioidosis in a Cambodian refugee. Chan CK, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1365-7

DIAGNOSIS

A case of melioidosis in West Africa [letter] Wall RA, et al. **J Infect Dis** 1985 Aug;152(2):424-5

OCCURRENCE

First report of septicaemic melioidosis in Hong Kong. So SY, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):456-9

VETERINARY

Melioidosis in a banded leaf-monkey (Presbytis melalophos). Mutalib AR, et al. **Vet Rec** 1984 Oct 27;115(17):438-9

MELITTEN see under **BEE VENOMS**

MELKERSSON-ROSENTHAL SYNDROME

DIAGNOSIS

[Glossitis in the area supplied by the chorda tympani nerve in peripheral facial paralysis. Early symptom of the Melkersson-Rosenthal syndrome?] Berlit P, et al. **Hautarzt** 1984 Oct;35(10):536-8 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

[Cheilitis granulomatosa (Melkersson-Rosenthal syndrome): treatment with clofazimine] Neuhofer J, et al. **Hautarzt** 1984 Sep;35(9):459-63 (Eng. Abstr.) **(Ger)**

THERAPY

[Treatment of the Melkersson-Rosenthal syndrome] Filiurin MD, et al. **Sov Med** 1985;(4):98-101 **(Rus)**

MELNICK-NEEDLES SYNDROME see **OSTEOCHONDRODYSPLASIAS**

MELORHEOSTOSIS

COMPLICATIONS

Carpal tunnel syndrome in a melorheostotic limb. Böstman OM, et al. **J Hand Surg [Br]** 1985 Feb;10(1):101-2

PATHOLOGY

Melorheostosis and rheumatoid arthritis. Todesco S, et al. **Clin Exp Rheumatol** 1983 Oct-Dec;1(4):349-52

RADIOGRAPHY

Melorheostosis of the upper limb: a report of two cases. Kawabata H, et al. **J Hand Surg [Am]** 1984 Nov;9(6):871-6

MELPHALAN

ADMINISTRATION & DOSAGE

Effect of the radioprotector WR 2721 on the response of metastatic Lewis lung carcinoma colonies to alkylating agents. Wist EA. **Acta Radiol [Oncol]** 1985 May-Jun; 24(3):259-62

A clinical and pharmacokinetic study of isolated limb perfusion with heat and melphalan for melanoma. Minor DR, et al. **Cancer** 1985 Jun 1;55(11):2638-44

Dosimetry of cytostatics in hyperthermic regional isolated perfusion. van Os J, et al. **Cancer** 1985 Feb 15;55(4):698-701

Phase-I-II study of high-dose melphalan and autologous marrow transplantation in adult patients with poor-risk non-Hodgkin's lymphomas. Mascret B, et al. **Cancer Chemother Pharmacol** 1985;14(3):216-21

Treatment of metastatic malignant melanoma with intensive melphalan and autologous bone marrow transplantation. Lazarus HM, et al. **Cancer Treat Rep** 1985 May;69(5):473-7

Hematopoietic recovery following autologous bone marrow transplantation: role of cryopreservation, number of cells infused and nature of high-dose chemotherapy. Hartmann O, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):53-60

Acute leukemia in two patients treated with high-dose melphalan and autologous marrow transplantation for malignant solid tumors [letter] Hartmann O, et al. **J Clin Oncol** 1984 Dec;2(12):1424-5

Effect of variation of drug dosage on disease control and regional toxicity in prophylactic perfusion for Stage I extremity melanoma. Mikhail RA, et al. **J Surg Oncol** 1984 Dec;27(4):215-8

High dose melphalan with autologous marrow rescue in cancer treatment. Dewar JM, et al. **NZ Med J** 1984 Nov 28;97(768):816-8

ADVERSE EFFECTS

Syndrome of inappropriate antidiuretic hormone secretion. A complication of high-dose intravenous melphalan. Greenbaum-Lefkoe B, et al. **Cancer** 1985 Jan 1;55(1):44-6

Myeloproliferative disorder with profound hypereosinophilia associated with chemotherapy for breast cancer. Soffer T, et al. **Cancer** 1984 Dec 1;54(11):2356-9

Multiple myeloma terminating in acute eosinophilic leukemia. Maeda K, et al. **Cancer Genet Cytogenet** 1985 Mar 1; 16(1):81-9

Preleukemia and leukemia with 12p- and 19q+ chromosome alterations following Alkeran therapy. Wilmoth D, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):95-8

[Leukemia in tumor patients receiving chemotherapy] Fopp M, et al. **Dtsch Med Wochenschr** 1985 Sep 20; 110(38):1439-41 **(Ger)**

[Changes in peripheral blood monocyte number in patients with multiple myeloma treated with melphalan] Mendek-Czajkowska E, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):119-24 (Eng. Abstr.) **(Pol)**

ANALOGS & DERIVATIVES

Peptichemio in pretreated patients with ovarian cancer. Paccagnella A, et al. **Cancer Treat Rep** 1985 Jan;69(1):17-20

Rate of M-component changes and plasma cell labeling index in 25 patients with multiple myeloma treated with peptichemio. Riccardi A, et al. **Cancer Treat Rep** 1985 Sep; 69(9):971-5

Melphalan potently substitutes the N-terminal Tyr of D-Ala2-Leu5-enkephalin methyl ester. Szücs M, et al. **FEBS Lett** 1985 Jan 1;179(1):87-90

[Peptichemio treatment of a patient with terminal stage myeloma (letter)] Goldschmidt E, et al. **Presse Med** 1984 Dec 15;13(45):2766 **(Fre)**

ANALYSIS

High-performance liquid chromatographic analysis of melphalan in plasma, brain and peripheral tissue by o-phthalaldehyde derivatization and fluorescence detection. Sweeney DJ, et al. **J Chromatogr** 1985 May 3; 339(2):434-9

Stability of melphalan solutions during preparation and storage. Bosanquet AG. **J Pharm Sci** 1985 Mar; 74(3):348-51

ANTAGONISTS & INHIBITORS

Antagonism of the cytocidal activity and uptake of melphalan by tamoxifen in human breast cancer cells in vitro. Goldenberg GJ, et al. **Biochem Pharmacol** 1985 Mar 15; 34(6):763-70

[Induction of drug resistance to sarcolysine in plasmacytoma line MORC/406] Khomchenovskiĭ EI, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):90-1 (Eng. Abstr.) **(Rus)**

BLOOD

Modified extraction and chromatography for the measurement of plasma melphalan by ion-pair high-performance liquid chromatography. Adair CG, et al. **J Chromatogr** 1984 Dec 12;336(2):429-33

METABOLISM

The effect of systemic hyperthermia on melphalan pharmacokinetics in mice. Honess DJ, et al.

Br J Cancer 1985 Jan;51(1):77-84

Effects of amino acids on the transport and cytotoxicity of melphalan by human bone marrow cells and human tumor cells. Dufour M, et al. **Cancer Chemother Pharmacol** 1985; 15(2):125-31

Pharmacokinetics of melphalan in clinical isolation perfusion of the extremities. Briele HA, et al. **Cancer Res** 1985 Apr; 45(4):1885-9

Inability of dimethyl sulfoxide to increase brain uptake of water-soluble compounds: implications to chemotherapy for brain tumors. Greig NH, et al. **Cancer Treat Rep** 1985 Mar;69(3):305-12

PHARMACODYNAMICS

Augmentation of adriamycin, melphalan, and cisplatin cytotoxicity in drug-resistant and -sensitive human ovarian carcinoma cell lines by buthionine sulfoximine mediated glutathione depletion. Hamilton TC, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2583-6

Action of phenylalanine mustard on collagen in vivo. Jendryczko A, et al. **Biomed Biochim Acta** 1985; 44(3):497-500

Differential response of cultured human normal and tumor cells to trace element-induced resistance to the alkylating agent melphalan. Tobey RA, et al. **Cancer Res** 1985 Jun; 45(6):2567-71

Melphalan treatment of human peripheral T cells promotes Ig production by B cells in vitro. Baral E, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):81-4

Enhancement of melphalan cytotoxicity in vivo and in vitro by inhibitors of poly (ADP-ribose) polymerase. Brown DM, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep; 10(9):1665-8

Mechanism of melphalan crosslink enhancement by misonidazole pretreatment. Taylor YC, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1603-7

Chemopotentiation by CB 1954: the importance of postincubations and the possible involvement of poly(ADP-ribosylation). Walling JM, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1661-4

Antitumor agent poly (amino acid) conjugates as a drug carrier in cancer chemotherapy. Morimoto Y, et al. **J Pharmacobiodyn** 1984 Sep;7(9):688-98

Biologic effects of prolonged melphalan treatment of murine long-term bone marrow cultures and interleukin 3-dependent hematopoietic progenitor cell lines. Greenberger JS, et al. **JNCI** 1985 Jan;74(1):247-62

Selective enhancement of hypoxic cell killing by melphalan via thiol depletion: in vitro studies with hypoxic cell sensitizers and buthionine sulfoximine. Roizin-Towle L. **JNCI** 1985 Jan;74(1):151-7

Sister chromatid exchanges induced by sarcolysine in human lymphocytes in vitro. Moraru I, et al. **Morphol Embryol (Bucur)** 1985 Jan-Mar;31(1):5-7

Antitumor activity of sarcolysin containing crosslinked copolymers in mice. Popov DV. **Neoplasma** 1985; 32(3):375-9

[Changes in the structure of DNA induced by sarcolysine in vivo and in vitro] Babaian IuC, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):92-5 (Eng. Abstr.) **(Rus)**

POISONING

Survival from melphalan overdose. Coates TD. **Lancet** 1984 Nov 3;2(8410):1048

THERAPEUTIC USE

Single agent vs. combination chemotherapy for ovarian cancer. Delgado G, et al. **Am J Clin Oncol** 1985 Feb; 8(1):33-7

Factors influencing the chemosensitization of melphalan by misonidazole. Randhawa VS, et al. **Br J Cancer** 1985 Feb; 51(2):219-28

Autologous bone marrow transplantation contributes to haemopoietic recovery in children with solid tumours treated with high dose melphalan. Kingston JE, et al. **Br J Haematol** 1984 Dec;58(4):589-95

Isolated regional perfusion; anaesthetic technique, monitoring and blood replacement. Goldberg ME, et al. **Can Anaesth Soc J** 1984 Sep;31(5):552-8

Melphalan-resistant multiple myeloma: results of treatment according to the M-2 protocol. Steinke B, et al. **Cancer Chemother Pharmacol** 1985;14(3):279-81

Melphalan-mediated potentiation of antitumor immune responsiveness of immunosuppressed spleen cells from mice bearing a large MOPC-315 tumor. Bocian RC, et al. **Cancer Immunol Immunother** 1984;18(1):41-8

Multiple myeloma--complete remission with high dose melphalan chemotherapy. Richards F 2d, et al. **Cancer Invest** 1985;3(1):15-21

Melphalan: a potential new agent in the treatment of childhood rhabdomyosarcoma. Houghton JA, et al. **Cancer Treat Rep** 1985 Jan;69(1):91-6

Phase II evaluation of melphalan in adenocarcinoma of the pancreas. Smith DB, et al. **Cancer Treat Rep** 1985 Jul-Aug; 69(7-8):917-8

Potentiation of melphalan activity in the KHT sarcoma by the radiosensitizer RSU 1069. Siemann DW, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1657-60

Development of resistance to MOPC-315 plasmacytoma after intralesional and intraperitoneal melphalan therapy of tumor-bearing BALB/c mice. II. Enhancement of in vitro cell-mediated cytotoxicity by combined chemotherapy-immunotherapy. Adler A, et al. **JNCI** 1985 Feb;74(2):429-36

Synergistic effect of K-18 and concomitant hyperthermia for treatment of Lewis lung carcinoma in mice. Tamada R, et al. **Jpn J Surg** 1985 Mar;15(2):173-6

Fibrogenesis imperfecta ossium: remission with melphalan [letter] Stamp TC, et al. **Lancet** 1985 Mar 9;1(8428):582-3

A controlled trial of adjuvant chemotherapy with melphalan versus cyclophosphamide, methotrexate, and fluorouracil for breast cancer. Howell A, et al. **Recent Results Cancer Res** 1984;96:74-89

Malignant melanoma and isolated limb perfusion. Giraud RM. **S Afr J Surg** 1984 Nov-Dec;22(4):243-8

Bone marrow transplantation following treatment with high-dose melphalan. Dale BM, et al. **Transplant Proc** 1985 Apr;17(2):1711-3

[Lichen myxedematosus, I. Statistical studies on associated liver injury and successful treatment with melphalan] Sakuma M, et al. **Nippon Hifuka Gakkai Zasshi** 1984 Nov; 94(13):1521-9 **(Jpn)**

[Analysis of results of monochemotherapy of ovarian cancer with special reference to long-term survival] Sablińska B, et al. **Nowotwory** 1984 Jul-Sep;34(3):229-35 (Eng. Abstr.) **(Pol)**

TOXICITY

In vitro selective effect of melphalan on human T-cell populations. Ben-Efraim S, et al. **Cancer Immunol Immunother** 1985;19(1):53-6

Potentiation of melphalan cytotoxicity in human ovarian cancer cell lines by glutathione depletion. Green JA, et al. **Cancer Res** 1984 Nov;44(11):5427-31

Dose-survival curves of cis-platinum, melphalan, and velban in human granulocyte/macrophage progenitor cells. Umbach GE, et al. **Int J Cell Cloning** 1984 Nov;2(6):335-40

Theophylline reversal of alkylator-induced replicon initiation inhibition: no correlation with DDP-induced cytotoxicity. Ducore JM, et al. **Mutat Res** 1984 Oct;141(2):117-21

MEMANTINE see under **AMANTADINE**

MEMBRANE-BOUND IMMUNOGLOBULINS see **IMMUNOGLOBULINS, SURFACE**

MEMBRANE CHANNELS see **ION CHANNELS**

MEMBRANE FLUIDITY

Decreased membrane fluidity and beta-adrenergic responsiveness in atherosclerotic quail. Lurie KG, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H380-5

Renal apical membrane cholesterol and fluidity in regulation of phosphate transport. Molitoris BA, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):F12-9

Response of canine cardiocyte lysosomes to ATP. Spanier AM, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):H20-8

Differences in lipid composition and fluidity of cardiac sarcolemma prepared from newborn and adult rabbits. Nagatomo T, et al. **Biochem Med** 1984 Aug;32(1):122-31

Modulation of sarcoplasmic reticulum Ca2+-pump activity by membrane fluidity. Almeida LM, et al. **Biochemistry** 1984 Sep 25;23(20):4714-20

Asymmetric lipid fluidity in human erythrocyte membrane: new spin-label evidence. Seigneuret M, et al. **Biochemistry** 1984 Sep 11;23(19):4271-5

Modulation of membrane fusion by membrane fluidity: temperature dependence of divalent cation induced fusion of phosphatidylserine vesicles. Wilschut J, et al. **Biochemistry** 1985 Jan 1;24(1):8-14

Lipid fluidity and composition of intestinal microvillus membranes isolated from rats of different ages. Brasitus TA, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):341-8

Fluidity characteristics of bovine thyroid plasma membranes. Depauw H, et al. **Biochim Biophys Acta** 1985 Mar 28; 814(1):57-67

Lecithin:cholesterol acyltransferase regulation. Effect of fluidity of dimyristoylphosphatidylcholine vesicles. Ellerbe P, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):282-8

Plasma membrane fluidity measurements on whole living cells by fluorescence anisotropy of trimethylammoniumdiphenylhexatriene. Kuhry JG, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):60-7

Thermodynamic reversibility of phase transitions. Specific effects of alcohols on phosphatidylcholines. Rowe ES. **Biochim Biophys Acta** 1985 Mar 14;813(2):321-30

Fluorescence probes in metastatic B16 melanoma membranes. Schroeder F. **Biochim Biophys Acta** 1984 Oct 3; 776(2):299-312

Membrane fluidity in malignancy. Adversative and recuperative. Shinitzky M. **Biochim Biophys Acta** 1984; 738(4):251-61 (65 ref.)

Effect of membrane fluidity upon binding of Electrophorus acetylcholinesterase to lipid vesicles. Tiller GE, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):543-52

Alterations in biosynthesis and homeostasis of cholesterol and in lipoprotein patterns in mice bearing a transplanted lymphoid tumor. van Blitterswijk WJ, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):46-56

Modulation of CALLA and HLA-DR on a non T non B leukemic cell line by lipid treatment. Martyre MC, et al. **Biol Cell** 1984;52(3):243-8

Fluorometry of turbid and absorbant samples and the membrane fluidity of intact erythrocytes. Eisinger J, et al. **Biophys J** 1985 Jul;48(1):77-84

Membrane engineering to rejuvenate the ageing brain [news] Lee RE. **Can Med Assoc J** 1985 Feb 15;132(4):325-7

Effects of thermal adaptation at 40 degrees C on membrane viscosity and the sodium-potassium pump in Chinese hamster ovary cells. Bates DA, et al. **Cancer Res** 1985 Oct; 45(10):4895-9

Influence of membrane fluidity changes upon the imprinting of polypeptide hormones in Tetrahymena. Kovács P, et al. **Comp Biochem Physiol [A]** 1984;78(4):763-6

Modulation of membrane fluidity in the primate (Macaca mulatta) corpus luteum: correlation with changes in gonadotropin binding. Danforth DR, et al. **Endocrinology** 1985 Aug;117(2):755-61

Membrane fluidity: structure and dynamics of membrane lipids. Stubbs CD. **Essays Biochem** 1983;19:1-39 (161 ref.)

Lipid fluidity of the outer segment membranes from cephalopod retina. Corda D, et al. **Exp Eye Res** 1985 Apr; 40(4):575-83

The effect of bilayer order and fluidity on detergent-induced liposome fusion. Saez R, et al. **FEBS Lett** 1985 Jan 7; 179(2):311-5

Intervention in the aging process [editorial] Wagner BM. **Hum Pathol** 1985 Jul;16(7):653

Evolution of 3-hydroxy-3-methylglutaryl-CoA reductase and microsomal membrane fluidity throughout chick embryo development. Marco C, et al. **Int J Biochem** 1985; 17(2):271-4

The effects of ionic strength on the protein conformation and the fluidity of porcine intestinal brush border membranes. Fluorometric studies using N-[7-dimethylamino-4-methylcoumarinyl]maleimide and pyrene. Ohyashiki T, et al. **J Biol Chem** 1985 Jun 10; 260(11):6857-61

Lateral diffusion in nuclear membranes. Schindler M, et al. **J Cell Biol** 1985 May;100(5):1408-14

Alteration of erythrocyte membrane lipid fluidity in human obesity. Beguinot F, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1226-30

Effect of altered membrane fluidity on NK cell-mediated cytotoxicity. I. Selective inhibition of the recognition or post recognition events in the cytolytic pathway of NK cells. Roozemond RC, et al. **J Immunol** 1985 Apr; 134(4):2209-14

Lack of correlation between serum cholesterol levels, lymphocyte plasma membrane fluidity and mitogen responsiveness in young and aged chickens. Traill KN, et al. **Mech Ageing Dev** 1984 Nov;28(1):123-38

Heterogeneity of membrane phospholipid mobility in endothelial cells depends on cell substrate. Nakache M, et al. **Nature** 1985 Sep 5-11;317(6032):75-7

Erythrocyte membrane fluidity decreased in uremic hemodialyzed patients. Komidori K, et al. **Nephron** 1985; 40(2):185-8

Direct measurement of lateral transport in membranes by using time-resolved spatial photometry. Kapitza HG, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4122-6

Theory of the intermediate rippled phase of phospholipid bilayers. Marder M, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6559-61

Modulation of lymphocyte deformability by concanavalin A. Elson EL, et al. **Prog Clin Biol Res** 1984;164:365-76

Role of membrane lipids and membrane fluidity in thermosensitivity and thermotolerance of mammalian cells. Konings AW, et al. **Radiat Res** 1985 Apr;102(1):86-98

Altered red cell membrane fluidity during schizogonic development of malarial parasites (Plasmodium falciparum and P. lophurae). Sherman IW, et al. **Trans R Soc Trop Med Hyg** 1984;78(5):641-4

[Methylation of erythrocyte membrane phospholipids: correlation with membrane viscosity. Study of normal and parkinsonian subjects] Meininger V, et al. **Rev Neurol (Paris)** 1984;140(8-9):488-92 (Eng. Abstr.) **(Fre)**

[Lipid composition and fluidity of the erythrocyte membrane in the elderly] Terranova R, et al. **Ric Clin Lab** 1985;15 Suppl 1:327-34 (Eng. Abstr.) **(Ita)**

[Fluid mosaic model of biomembrane] Sato J. **Nippon Rinsho** 1985 Apr;43(4):677-80 (30 ref.) **(Jpn)**

[Percolation threshold for the lateral displacement of membrane proteins of the adenylate cyclase complex] Sobolev AS, et al. **Dokl Akad Nauk SSSR** 1984; 277(2):501-3 **(Rus)**

DRUG EFFECTS

Plasma membrane fluidity studies by fluorescence polarization in rat mast cells stimulated by compound 48/80. Kuhry JG, et al. **Agents Actions** 1985 Apr; 16(3-4):109-12

The effect of ethanol and calcium on fluid state of plasma membranes of rat hepatocytes. Mills PR, et al. **Alcohol** 1985 Jan-Feb;2(1):153-6

Prolactin increases lipid fluidity and prolactin binding of rat prostatic membranes. Dave JR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E687-93

Membrane disordering effects of anesthetics are enhanced by gangliosides. Harris RA, et al. **Anesthesiology** 1985 Feb; 62(2):115-9

Effect of mycobacterial lipids on membrane fluidity and natural killer cell-mediated cytotoxicity. Roozemond RC, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3):247-55

Effect of amiodarone on membrane fluidity and Na+/K+ ATPase activity in rat-brain synaptic membranes. Chatelain P, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):148-54

Studies on the action of nystatin on cultured rat myocardial cells and cell membranes, isolated rat hearts, and intact rats. Aszalos A, et al. **Biochem Pharmacol** 1984 Dec 1; 33(23):3779-86

Chronic ethanol increases liver plasma membrane fluidity. Polokoff MA, et al. **Biochemistry** 1985 Jun 18; 24(13):3114-20

Effects of benzyl alcohol on erythrocyte shape, membrane hemileaflet fluidity and membrane viscoelasticity. Chabanel A, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):142-52

Modulation of prolactin binding sites in vitro by membrane fluidizers. Effects on male prostatic and female hepatic membranes in alcohol-fed rats. Dave JR, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):313-20

Control of erythrocyte membrane microviscosity by insulin. Dutta-Roy AK, et al. **Biochim Biophys Acta** 1985 Jun 11; 816(1):187-90

Glucocorticoid effects on membrane lipid mobility during differentiation of murine B lymphocytes. Keating KM, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):305-12

Effect of bacterial endotoxin on the transmembrane electrical potential and plasma membrane fluidity of human monocytes. Larsen NE, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):1-8

A special lipid mixture for membrane fluidization. Lyte M, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):133-8

Calcium alters the acyl chain composition and lipid fluidity of rat hepatocyte plasma membranes in vitro. Storch J, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):473-84

Polar solvent-induced changes in membrane lipid lateral diffusion in human colon cancer cells. Dibner MD, et al. **Cancer Res** 1985 Oct;45(10):4998-5003

Thermodynamic interpretation of effects of alcohols on membrane lipid fluidity. Boigegrain RA, et al. **Chem Phys Lipids** 1984 Oct;35(4):321-30

Modulation of canine myocardial sarcolemmal membrane fluidity by amphiphilic compounds. Fink KL, et al. **Circ Res** 1984 Nov;55(5):585-94

Modulation of membrane fluidity in living protoplasts of Nicotiana plumbaginifolia by catalytic hydrogenation. Vigh L, et al. **Eur J Biochem** 1985 Jan 15;146(2):241-4

Effects of liposome treatment and cytoskeleton-inhibiting drugs on the capping kinetics of rabbit T lymphocytes at various stages of differentiation. Roozemond RC, et al. **Eur J Cell Biol** 1984 Nov;35(2):322-6

Adenylate cyclase and a fatty acid spin probe detect changes in plasma membrane lipid phase separations induced by dietary manipulation of the cholesterol:phospholipid ratio. Needham L, et al. **FEBS Lett** 1985 Apr 8;183(1):81-6

Decrease in microviscosity and cholesterol content of rat liver plasma membranes after chronic ethanol feeding. Yamada S, et al. **J Clin Invest** 1984 Dec;74(6):2285-9

Chlorpromazine inhibits neutrophil chemotaxis beyond the chemotactic receptor-ligand interaction. Lohr KM, et al. **J Infect Dis** 1984 Nov;150(5):643-52

Effects of the cannabinoids on physical properties of brain membranes and phospholipid vesicles: fluorescence studies. Hillard CJ, et al. **J Pharmacol Exp Ther** 1985 Mar; 232(3):579-88

Effect of chronic alcohol consumption on rat brain microsome lipid composition, membrane fluidity and Na+-K+-ATPase activity. Aloia RC, et al. **Life Sci** 1985 Mar 11;36(10):1003-17

The fluidity of plasma membranes from ethanol-treated rat liver. Schüller A, et al. **Mol Cell Biochem** 1984 Sep; 64(1):89-95

The effects of lubrol WX on brain membrane Ca2+/Mg2+ ATPase and ATP-dependent Ca2+ uptake activity following acute and chronic ethanol. Ross DH, et al. **Neurochem Res** 1985 Feb;10(2):283-95

Barbiturate tolerance and dependence: effects on synaptosomal sodium transport and membrane fluidity. Mitchell MA, et al. **Pharmacol Biochem Behav** 1985 Jun; 22(6):955-60

Membrane fluidity and platelet fibrinogen receptor exposure by proteolytic enzymes. Simons E, et al. **Thromb Res** 1985 Jul 1;39(1):91-6

Influence of triethyl lead on the activity of enzymes of the ascites tumor cell plasma membrane and its microviscosity. Haeffner EW, et al. **Toxicol Lett** 1984 Nov;23(2):183-8

Effects of cadmium and calcium on the fluidity of plasma membranes. Sorensen EM, et al. **Toxicol Lett** 1985 Jun; 25(3):319-26

[Effects of endotoxin on rat erythrocyte membrane fluidity] Kadota Y. **Masui** 1985 Mar;34(3):292-300 (Eng. Abstr.) **(Jpn)**

[The influence of dietary sardine oil (eicosapentaenoic acid) on the erythrocyte membrane fluidity in diabetic patients] Otsuji S, et al. **Rinsho Byori** 1984 Jul;32(7):764-71 **(Jpn)**

[Stabilization of synaptic membranes with alpha-tocopherol against the damaging effect of phospholipases. Possible mechanism of the biological action of vitamin E] Erin AN, et al. **Biokhimiia** 1985 Jun;50(6):998-1004 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

[Interpretation of the mechanism of changes in electrophoretic motility after exposure to physical fields in a solid liquid mosaic model of the erythrocyte] Sigal VL, et al. **Biofizika** 1984 Nov-Dec;29(6):974-6 (Eng. Abstr.) **(Rus)**

MEMBRANE FUSION

Inhibition of phagosome-lysosome fusion in macrophages by soluble extracts of virulent Brucella abortus. Frenchick PJ, et al. **Am J Vet Res** 1985 Feb;46(2):332-5

Entry of adult T-cell leukemia-associated virus into human peripheral blood leukocytes. Brief report. Goto T, et al. **Arch Virol** 1985;85(3-4):321-8

Why is a specific amino acid sequence of F glycoprotein required for the membrane fusion reaction between envelope of HVJ (Sendai virus) and target cell membranes? Asano K, et al. **Biochem Int** 1985 Jan;10(1):115-22

Exocytosis involves highly localized membrane fusions. Chandler DE. **Biochem Soc Trans** 1984 Dec;12(6):961-3

Fluorescence method for measuring the kinetics of fusion between biological membranes. Hoekstra D, et al. **Biochemistry** 1984 Nov 20;23(24):5675-81

Proton-induced membrane fusion. Role of phospholipid composition and protein-mediated intermembrane contact. Bondeson J, et al. **Biochim Biophys Acta** 1984 Oct 17; 777(1):21-7

Movement of a fluorescent lipid label from a labeled erythrocyte membrane to an unlabeled erythrocyte membrane following electric-field-induced fusion. Sowers AE. **Biophys J** 1985 Apr;47(4):519-25

Reconstitution and fusogenic properties of Sendai virus envelopes. Harmsen MC, et al. **Eur J Biochem** 1985 Jun 18;149(3):591-9

HVJ-induced fusion of liposome to erythrocyte. Possible involvement of virus-induced activated state of erythrocyte membranes during fusion process. Inoue J, et al. **Exp Cell Res** 1985 May;158(1):29-40

On the theory of membrane fusion. The adhesion-condensation mechanism. Kozlov MM, et al. **Gen Physiol Biophys** 1984 Oct;3(5):379-402

On the theory of membrane fusion. The stalk mechanism. Markin VS, et al. **Gen Physiol Biophys** 1984 Oct;3(5):361-77

Effect of lipid composition on HVJ-mediated fusion of glycophorin liposomes to erythrocytes. Umeda M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1301-10

Interaction of the sperm adhesive protein, bindin, with phospholipid vesicles. II. Bindin induces the fusion of mixed-phase vesicles that contain phosphatidylcholine and phosphatidylserine in vitro. Glabe CG. **J Cell Biol** 1985 Mar;100(3):800-6

Cytoskeletal reorganization and plasma membrane fusion in conjugating Tetrahymena. Wolfe J. **J Cell Sci** 1985 Feb; 73:69-85

Attempts surgically to induce chorionic fusion between embryos. Marcum JB, et al. **J Dairy Sci** 1985 Mar; 68(3):740-4

Apical membrane area of rabbit urinary bladder increases by fusion of intracellular vesicles: an electrophysiological study. Lewis SA, et al. **J Membr Biol** 1984;82(2):123-36

Phagocytized intracellular microsporidian blocks phagosome acidification and phagosome-lysosome fusion. Weidner E, et al. **J Protozool** 1985 May;32(2):311-7

Study of receptor function by membrane fusion: the glucagon receptor in liver membranes fused to a foreign adenylate cyclase. Steiner S, et al. **Methods Enzymol** 1985;109:346-50

Fusion transfer of dopamine DA1 receptors to Friend erythroleukemia cells. Olasmaa M, et al. **Neurosci Lett** 1985 Jan 21;53(2):209-14

On the correlation between HII phase and the contact-induced destabilization of phosphatidylethanolamine-containing membranes. Bentz J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5742-5

A possible new mode of dictyosome duplication in plant cells. Bosabalidis AM. **Tissue Cell** 1985;17(2):279-85

[Protein-induced membrane fusion] Yoshimura T. **Seikagaku** 1985 Feb;57(2):127-32 (43 ref.) **(Jpn)**

DRUG EFFECTS

Calcium-mediated fusion to produce ultra large osmotically active mitochondrial inner membranes of controlled protein density. Chazotte B, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):87-95

GTP stimulates fusion between homologous and heterologous nuclear membranes. Paiement J. **Biochim Biophys Acta** 1984 Nov 7;777(2):274-82

General and local anaesthetics perturb the fusion of phospholipid vesicles. Simmonds AC, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):331-7

Aggregation and fusion of lipid vesicles induced by diphtheria toxin at low pH: possible involvement of the P site and the NAD+ binding site. Cabiaux V, et al. **Biosci Rep** 1985 Mar;5(3):243-50

The effect of Ca2+ on virus-cell fusion and permeability changes. Micklem KJ, et al. **Cell Calcium** 1984 Dec; 5(6):537-50

Fusion of erythrocyte ghosts induced by calcium phosphate. Kinetic characteristics and the role of Ca2+, phosphate and calcium-phosphate complexes. Hoekstra D, et al. **Eur J Biochem** 1985 Jan 2;146(1):131-40

The effect of bilayer order and fluidity on detergent-induced liposome fusion. Saez R, et al. **FEBS Lett** 1985 Jan 7; 179(2):311-5

Membrane fusion activity of the influenza virus hemagglutinin. The low pH-induced conformational change. Doms RW, et al. **J Biol Chem** 1985 Mar 10; 260(5):2973-81

A short-duration polyethylene glycol fusion technique for increasing production of monoclonal antibody-secreting hybridomas. Lane RD. **J Immunol Methods** 1985 Aug 2; 81(2):223-8

MEMBRANE LIPIDS

The use of phospholipid-impregnated millipore filters for recording nonelectrogenic cation flows in the presence of Men+/nH+ exchangers. Antonenko YN, et al. **Anal Biochem** 1984 Aug 1;140(2):468-71

Membrane-related effects of atypical antidepressants. Valdman AV, et al. **Ann Ist Super Sanita** 1984;20(1):65-72

Polymeric phospholipids as new biomaterials. Hayward JA, et al. **Ann NY Acad Sci** 1985;446:267-81

Association of M13 I-forms and spheroids with lipid vesicles. Manning M, et al. **Arch Biochem Biophys** 1985 Jan; 236(1):297-303

Interaction of gentamicin and spermine with bilayer membranes containing negatively charged phospholipids. Chung L, et al. **Biochemistry** 1985 Jan 15;24(2):442-52

Assignment of acyl chain resonances from membranes of mammalian cells by two-dimensional NMR methods. Cross KJ, et al. **Biochemistry** 1984 Dec 4;23(25):5895-7

Polymorphic phase behaviour of phospholipid membranes studied by infrared spectroscopy. Casal HL, et al. **Biochim Biophys Acta** 1984 Dec 4;779(4):381-401 (136 ref.)

Stopped-flow rapid kinetics of anesthetic-induced phase transition in phospholipid vesicle membranes: nonlocalized fluctuation. Inoue T, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):117-22

A probability concept about size distributions of sonicated lipid vesicles. Tenchov BG, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):122-30

Oxygen quenching of pyrene-lipid fluorescence in phosphatidylcholine vesicles. A probe for membrane organization. Chong PL, et al. **Biophys J** 1985 May; 47(5):613-21

A self-consistent chain model for the phase transitions in lipid bilayer membranes. Kambara T, et al. **Biophys J** 1984 Sep;46(3):371-82

Dynamic quenchers in fluorescently labeled membranes. Theory for quenching in a three-phase system. Omann GM, et al. **Biophys J** 1985 May;47(5):623-7

Modulatory effects of different temperatures and Ca2+ concentrations on gangliosides and phospholipids in monolayers at air/water interfaces and their possible functional role. Probst W, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):157-76

Steady-state and time-resolved fluorescence anisotropy study of phospholipid molecular motion in the gel phase using 1-palmitoyl-2-[9-(2-anthryl)-nonanoyl] -sn-glycero-3-phosphocholine as probe. Vincent M, et al. **Eur J Biochem** 1985 Jul 15;150(2):341-7

Requirements for the translocation of diphtheria toxin fragment A across lipid membranes. Donovan JJ, et al. **J Biol Chem** 1985 Jul 25;260(15):8817-23

The influence of dolichol, dolichol esters, and dolichyl phosphate on phospholipid polymorphism and fluidity in model membranes. Valtersson C, et al. **J Biol Chem** 1985 Mar 10;260(5):2742-51

Lateral chain packing in lipids and membranes. Small DM. **J Lipid Res** 1984 Dec 15;25(13):1490-500

Phases of membrane polar lipids in aqueous systems. Quinn PJ. **Nat Prod Rep** 1984 Dec;1(6):513-31 (186 ref.)

Intrinsic curvature hypothesis for biomembrane lipid composition: a role for nonbilayer lipids. Gruner SM. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3665-9

[The effect of phospholipid metabolites on the structure of model membranes] Sorokoumova GM, et al. **Bioorg Khim** 1983 Aug;9(8):1106-11 (Eng. Abstr.) **(Rus)**

ANALYSIS

Lipids in the structure and function of yeast membrane. Prasad R. **Adv Lipid Res** 1985;21:187-242 (451 ref.)

Direct observation of the distribution of fluorescent probes in phosphatidylcholine/cholesterol vesicles using flow microfluorometry. Allen JK, et al. **Anal Biochem** 1984 Aug 1;140(2):409-16

Membrane phospholipid asymmetry and the adherence of loaded red blood cells. Schlegel RA, et al. **Bibl Haematol** 1985;(51):150-6

Correlation of tumor metastasis with sterol carrier protein and plasma membrane sterol levels. Schroeder F, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):283-9

Differences in lipid composition and fluidity of cardiac sarcolemma prepared from newborn and adult rabbits. Nagatomo T, et al. **Biochem Med** 1984 Aug;32(1):122-31

Interaction of vinblastine sulfate with artificial phospholipid membranes. A study by differential scanning calorimetry and spin labeling. Berleur F, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3081-6

The binding of the radioprotective agent cysteamine with the phospholipidic membrane headgroup-interface region. Berleur F, et al. **Biochem Pharmacol** 1985 Sep 1;

34(17):3071-80

Changes in the cholesterol level, cholesterol-to-phospholipid mole ratio, and membrane lipid microviscosity in rat brain induced by age and a plant oil mixture. Kessler AR, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1120-1

19F nuclear magnetic resonance studies of lipid fatty acyl chain order and dynamics in Acholeplasma laidlawii B membranes. Orientational order in the presence of a series of positional isomers of cis-octadecenoic acid. Macdonald PM, et al. **Biochemistry** 1985 Jan 1;24(1):177-84

Fluorine-19 nuclear magnetic resonance studies of lipid fatty acyl chain order and dynamics in Acholeplasma laidlawii B membranes. Gel-state disorder in the presence of methyl iso- and anteiso-branched-chain substituents. Macdonald PM, et al. **Biochemistry** 1985 May 7;24(10):2412-9

X-ray analysis of the kinetics of Escherichia coli lipid and membrane structural transitions. Ranck JL, et al. **Biochemistry** 1984 Oct 9;23(21):4955-61

Asymmetric lipid fluidity in human erythrocyte membrane: new spin-label evidence. Seigneuret M, et al. **Biochemistry** 1984 Sep 11;23(19):4271-5

Lipid fluidity and composition of intestinal microvillus membranes isolated from rats of different ages. Brasitus TA, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):341-8

Lipid composition of liver plasma membranes from rats intoxicated with carbon tetrachloride. Camacho J, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):97-104

Rapid isolation of neuroblastoma plasma membranes on Percoll gradients. Characterization and lipid composition. Chakravarthy BR, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):223-33

Modification of fatty acid composition in adipocyte plasma membranes by an oral treatment with a new antidiabetic agent, AS-6, in genetically obese diabetic mice, db/db. Hosokawa T, et al. **Biochim Biophys Acta** 1985 Mar 27; 834(1):130-3

Changes in the lipid content of boar sperm plasma membranes during epididymal maturation. Nikolopoulou M, et al. **Biochim Biophys Acta** 1985 May 28;815(3):486-98

Age-related changes in enzyme activities, protein content and lipid composition of rat kidney brush-border membrane. Pratz J, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):265-73

Evidence for a highly asymmetric arrangement of ether- and diacyl-phospholipid subclasses in the plasma membrane of Krebs II ascites cells. Record M, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):449-56

Differences in membrane lipid composition and fluidity of transplanted GRSL lymphoma cells, depending on their site of growth in the mouse. Van Blitterswijk WJ, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):521-9

Evidence against an abnormal hepatic microsomal lipid matrix as the primary genetic defect in the jaundiced Gunn rat. Whitington PF, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):774-8

Lipid phase of transverse tubule membranes from skeletal muscle. An electron paramagnetic resonance study. Hidalgo C. **Biophys J** 1985 Jun;47(6):757-64

Raman spectroscopy of nerve fibers. A study of membrane lipids under steady state conditions. Pézolet M, et al. **Biophys J** 1985 Mar;47(3):367-72

Fatty acids and phospholipids of membranes isolated from Escherichia coli growing in a medium with parathion. Rosas SB, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):265-70

Fatty acyl chain structure, orientational order, and the lipid phase transition in Acholeplasma laidlawii B membranes. A review of recent 19F nuclear magnetic resonance studies. Macdonald PM, et al. **Can J Biochem Cell Biol** 1984 Nov; 62(11):1134-50

Reorganization of membrane cholesterol during membrane fusion in myogenesis in vitro: a study using the filipin-cholesterol complex. Sekiya T, et al. **Cell Struct Funct** 1984 Jun;9(2):143-55

Lipid-specific fluorescent probes in studies of biological membranes. Bergelson LD, et al. **Chem Phys Lipids** 1985 May;37(2):165-95

Plasma membrane phospholipid organization in human erythrocytes. Schwartz RS, et al. **Curr Top Hematol** 1985; 5:63-112 (162 ref.)

A Raman spectroscopic investigation of the lipid state in acetylcholine receptor-rich membranes from Torpedo marmorata. Aslanian D, et al. **EMBO J** 1985 Apr; 4(4):965-9

Distribution of intramembranous particles and filipin-sterol complexes in the cell membranes of Toxoplasma gondii. Cintra WM, et al. **Eur J Cell Biol** 1985 May;37:63-9

Two cholesterol pools in Acholeplasma laidlawii membranes. Davis PJ, et al. **FEBS Lett** 1984 Sep 17;175(1):51-4

The phospholipid organisation in the membranes of McLeod and Leach phenotype erythrocytes. Kuypers FA, et al. **FEBS Lett** 1985 May 6;184(1):20-4

Interaction of some polyhexamethylene biguanides and membrane phospholipids in Escherichia coli. Broxton P, et al. **J Appl Bacteriol** 1984 Aug;57(1):115-24

Vitamin E improves membrane lipid alterations induced by CCl4 intoxication. Martinez-Calva I, et al. **J Appl Toxicol** 1984 Oct;4(5):270-2

Cell wall and phospholipid composition and their contribution to the salt tolerance of Halomonas elongata. Vreeland RH, et al. **J Bacteriol** 1984 Dec;160(3):879-83

In vivo mobility of fatty acid end groups of Bacillus thuringiensis plasma membrane lipids during growth and sporulation. Bechtel DB, et al. **J Biol Chem** 1985 Aug 15; 260(17):9784-92

Role of cell membrane composition in receptor-mediated internalization of vesicular stomatitis virus in human HEp-2 cells. Pottathil R, et al. **J Biol Chem** 1985 May 10; 260(9):5265-70

Characterization of lipids in membrane vesicles from scrapie-infected hamster brain. Dees C, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):861-70

Membrane cholesterol and phospholipid in consecutive concentric sections of human lenses. Li LK, et al. **J Lipid Res** 1985 May;26(5):600-9

Erythrocyte membrane abnormalities in patients with amyotrophic chorea with acanthocytosis. Part 1. Spin labeling studies and lipid analyses. Oshima M, et al. **J Neurol Sci** 1985 May;68(2-3):147-60

Membrane abnormalities in the psychoses and affective disorders. Hitzemann R, et al. **J Psychiatr Res** 1984; 18(3):319-26

Lipid analyses of isolated surface membranes of Leishmania donovani promastigotes. Wassef MK, et al. **Lipids** 1985 Feb;20(2):108-15

Ethanol-induced alterations in rat synaptosomal plasma membrane phospholipids. Relationship to changes in the phospholipid methyltransferases. Magruder JD, et al. **Mol Pharmacol** 1985 Feb;27(2):256-62

Mature and immature synaptosomal membranes have a different lipid composition. Gremo F, et al. **Neurochem Res** 1985 Jan;10(1):133-44

Localization of the gangliosides GD2 and GD3 in adhesion plaques and on the surface of human melanoma cells. Cheresh DA, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5767-71

Chronic effects of perchloroethylene on the composition of lipid and acyl groups in cerebral cortex and hippocampus of the gerbil. Kyrklund T, et al. **Toxicol Lett** 1984 Sep; 22(3):343-9

[Lipid composition and fluidity of the erythrocyte membrane in the elderly] Terranova R, et al. **Ric Clin Lab** 1985;15 Suppl 1:327-34 (Eng. Abstr.) **(Ita)**

[Glycolipids in cell membrane] Nakakuma H, et al. **Nippon Rinsho** 1985 Apr;43(4):692-6 (29 ref.) **(Jpn)**

[Application of NMR in the study of cell membrane] Terada H. **Nippon Rinsho** 1985 Apr;43(4):714-9 **(Jpn)**

[A case of congenital hemolytic anemia with red cell membrane lipid abnormalities (increased phosphatidyl choline and free cholesterol) associated with enhanced sodium transport] Haneda Y, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1692-8 (Eng. Abstr.) **(Jpn)**

[Characteristics of the phospholipid composition of erythrocyte membranes in Duchenne's progressive muscular dystrophy] Badalian LO, et al. **Pediatriia** 1984 Oct;(10):28-30 (Eng. Abstr.) **(Rus)**

[Structuro-functional characteristics of biological membranes in mucoviscidosis in children] Reznik BIa. **Pediatriia** 1984 Oct;(10):22-5 (Eng. Abstr.) **(Rus)**

[Polypeptide and phospholipid composition of the Rickettsia prowazekii membrane and its immunogenic properties] Zezerov EG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):6-13 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Sites of phospholipid biosynthesis during induction of intracytoplasmic membrane formation in Rhodopseudomonas sphaeroides. Radcliffe CW, et al. **Arch Microbiol** 1985 Jul;142(2):136-40

Effect of erythropoietin on the lipid composition of red blood cell membrane. Ghosal J, et al. **Biochem Med** 1984 Aug; 32(1):1-14

Biosynthetic incorporation of fluorescent carbazolylundecanoic acid into membrane phospholipids of LM cells and determination of quenching constants and partition coefficients of hydrophobic quenchers. Omann GM, et al. **Biochemistry** 1984 Oct 9;23(21):4962-9

[Effect of cycloheximide and actinomycin D on the phospholipid and neutral lipid content of Cunninghamella japonica] Mikhaĭlova MV, et al. **Mikrobiologiia** 1984 Sep-Oct;53(5):816-21 (Eng. Abstr.) **(Rus)**

BLOOD

Plasma membrane isolation and fatty acid analysis of membrane lipids from murine lymphocytes. Adams DA, et al. **Anal Biochem** 1985 Jan;144(1):228-32

Phospholipid transmethylation in the membrane of human neutrophils and lymphocytes. Niwa Y, et al. **Arch Biochem Biophys** 1984 Oct;234(1):7-14

Alterations in erythrocyte membrane lipids in abetalipoproteinemia: phospholipid and fatty acyl composition. Iida H, et al. **Biochem Med** 1984 Aug; 32(1):79-87

An essential requirement for ferrous-haemoglobin in the hydrogen peroxide stimulated oxidation of red blood cell membrane lipids. Clemens MR, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1339-41

Membrane bilayer balance and erythrocyte shape: a quantitative assessment. Ferrell JE Jr, et al. **Biochemistry** 1985 Jun 4;24(12):2849-57

Phospholipid composition of dystrophic chicken erythrocyte plasmalemmae. II. Characterization of a unique lipid from dystrophic erythrocyte membranes as ethanolamine plasmalogen. Kester M, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):121-8

Phospholipid composition of dystrophic chicken erythrocyte plasmalemmae. I. Isolation of a unique lipid in dystrophic erythrocyte membranes. Kester M, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):112-20

Influence of cholesterol and prostaglandin E1 on the molecular organization of phospholipids in the erythrocyte membrane. A fluorescent polarization study with lipid-specific probes. Manevich EM, et al. **Biochim Biophys Acta** 1985 May 28;815(3):455-60

t-butyl hydroperoxide-induced perturbations of human erythrocytes as a model for oxidant stress. Rice-Evans C, et al. **Biochim Biophys Acta** 1985 May 28;815(3):426-32

Insertion of lipid domains into plasma membranes by fusion with erythrocytes. Schlegel RA, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):234-41

Disruption of phospholipid asymmetry in erythrocyte vesicles deficient in spectrin. Choe HR, et al. **Cell Biol Int Rep** 1985 Jul;9(7):597-606

Merocyanine 540 recognizes membrane abnormalities of erythrocytes in chronic myelogenous leukemia. Reed JA, et al. **Cell Biol Int Rep** 1985 Jan;9(1):43-9

A rapid method for erythrocyte membrane phospholipid determination. Cynamon HA, et al. **Clin Chim Acta** 1984 Dec 15;144(1):65-70

A simplified procedure for estimation of lipid phosphorus in erythrocyte membranes. Feuerstein H, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):249-53

Phase transitions in spherical bilayer membranes prepared of bulk erythrocyte membrane lipids. Langner M, et al. **Gen Physiol Biophys** 1984 Dec;3(6):521-6

Red cell membrane cholesterol levels and their effects on transbilayer phospholipid asymmetry. Alam A. **Indian J Biochem Biophys** 1985 Feb;22(1):38-42

Lea-active heptaglycosylceramide, a hybrid of type 1 and type 2 chain, and the pattern of glycolipids with Lea, Leb, X (Lex), and Y (Ley) determinants in human blood cell membranes (ghosts). Evidence that type 2 chain can elongate repetitively but type 1 chain cannot. Kannagi R, et al. **J Biol Chem** 1985 May 25;260(10):6410-5

Hydrolytic activities of human pancreatic phospholipase A2 and endotoxin-stimulated endogenous phospholipase A2 toward membrane phospholipids of erythrocytes. Nishijima J, et al. **J Surg Res** 1985 Mar;38(3):237-45

[Methylation of erythrocyte membrane phospholipids: correlation with membrane viscosity. Study of normal and parkinsonian subjects] Meininger V, et al. **Rev Neurol (Paris)** 1984;140(8-9):488-92 (Eng. Abstr.) **(Fre)**

[Effect of cholesterol on the stability of human erythrocyte membranes to electric breakdown] Goncharenko MS, et al. **Biofizika** 1985 May-Jun;30(3):441-5 (Eng. Abstr.) **(Rus)**

[Molecular-anatomical studies in biochemical genetics] Shishkin SS. **Vestn Akad Med Nauk SSSR** 1985;(1):78-84 (79 ref.) **(Rus)**

IMMUNOLOGY

Effect of mycobacterial lipids on membrane fluidity and natural killer cell-mediated cytotoxicity. Roozemond RC, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3):247-55

Interaction of antibodies with liposomes bearing fluorescent haptens. Petrossian A, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):217-27

Location and dynamics of a membrane-bound fluorescent hapten. A spectroscopic study. Stanton SG, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):228-36

Subclass-specific antibody-dependent binding of macrophages to supported planar lipid monolayer membranes. Kimura K, et al. **FEBS Lett** 1985 Jul 22; 187(1):69-72

Haptenic activity of galactosyl ceramide and its topographical distribution on liposomal membranes. Effects of temperature and phospholipid composition. Utsumi H, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):97-105

ISOLATION & PURIFICATION

Phospholipid asymmetry in the isolated sarcoplasmic reticulum membrane. Herbette L, et al. **Arch Biochem Biophys** 1984 Oct;234(1):235-42

Delipidization of membrane glycoproteins solubilized in acidified chloroform/methanol. Preparation of N-retinylidene opsin in a water soluble form without-detergent. Curtino JA, et al. **Biochem Int** 1985 Jul;11(1):107-15

Composition and physical properties of lipids from plasma membranes of dog kidney. Carmel G, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):149-57

Intramembranous particles are clustered on microvillus membrane vesicles. Rigler MW, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):131-41

Identification and characterization of the principal proteins of the fat-globule membrane from guinea-pig milk. Johnson VG, et al. **Eur J Biochem** 1985 Sep 2;151(2):237-44

Purification and analysis of phospholipids in the inner mitochondrial membrane fraction of bovine corpus luteum, and properties of cytochrome P-450scc incorporated into vesicles prepared from these phospholipids. Tuckey RC, et al. **Eur J Biochem** 1985 Apr 15;148(2):379-84

Lipid specificity for the reconstitution of well-coupled

ATPase proteoliposomes and a new method for lipid isolation from photosynthetic membranes. Van Walraven HS, et al. **Eur J Biochem** 1984 Nov 2;144(3):563-9

Specific lipid components in membrane receptors of 12-O-tetradecanoylphorbol-13-acetate as revealed by direct photoaffinity labelling. Hergenhahn M, et al. **IARC Sci Publ** 1984;(56):165-75

Lipid composition of the plasma membrane isolated from hyperplastic nodules of rat liver. Tamiya-Koizumi K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):773-9

Structural elucidation of a unique macrocyclic membrane lipid from a new, extremely thermophilic, deep-sea hydrothermal vent archaebacterium, Methanococcus jannaschii. Comita PB, et al. **J Biol Chem** 1984 Dec 25;259(24):15234-41

METABOLISM

Abnormalities of the erythrocyte membrane phospholipids in Friedreich's ataxia. Firenze C, et al. **Acta Neurol Scand** 1984 Sep;70(3):197-200

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: I. The role of peroxidation of membrane phospholipids. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):73-81

Pseudocooperative effects in reactivation of membrane-bound enzymes with phospholipids. Cortese JD, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):131-42

Mobility of proteins and lipids in membranes. Helmreich EJ, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984;18:1-62 (375 ref.)

Membrane phospholipid metabolism and signal transduction for protein phosphorylation. Takai Y, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984;18:119-58 (257 ref.)

Effect of ethanol in vitro and in vivo on Ca2+-activated metabolism of membrane phospholipids in rat synaptosomal and brain slice preparations. Hudspith M, et al. **Alcohol** 1985 Jan-Feb;2(1):133-8

Prolactin increases lipid fluidity and prolactin binding of rat prostatic membranes. Dave JR, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E687-93

Quantitative analysis of glomerular basement membrane glycosaminoglycans and evidence for their binding to adjacent cell membrane lipids. Wu VY, et al. **Anal Biochem** 1985 Feb 15;145(1):57-62

Is there a correlation between membrane phospholipid metabolism and cell division? Michel GP, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):111-8

Glutamate excretion triggering mechanism: a reinvestigation of the surfactant-induced modification of cell lipids. Huchenq A, et al. **Ann Microbiol (Paris)** 1984 Jul-Aug;135B(1):53-67

Alterations in the physical state and composition of brush border membrane lipids of rat enterocytes during differentiation. Brasitus TA, et al. **Arch Biochem Biophys** 1985 Jul;240(1):483-8

Identification and partial characterization of the xanthine oxidase transitions of the milk fat globule membrane. Burnier RC, et al. **Arch Biochem Biophys** 1985 Jul;240(1):60-9

Lipid peroxidation increases the molecular order of microsomal membranes. Curtis MT, et al. **Arch Biochem Biophys** 1984 Dec;235(2):644-9

Initiation of membranal lipid peroxidation by activated metmyoglobin and methemoglobin. Kanner J, et al. **Arch Biochem Biophys** 1985 Mar;237(2):314-21

The association of cytochrome P-450 and NADPH-cytochrome P-450 reductase in phospholipid membranes. Miwa GT, et al. **Arch Biochem Biophys** 1984 Oct;234(1):161-6

Depletion of membrane phospholipid and mitochondrial dysfunction associated with coronary reperfusion. Hattori M, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):241-50

The role of charge microheterogeneity of human myelin basic protein in the formation of phosphatidylglycerol multilayers. Brady GW, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1161-5

The in vivo formation of nonbilayer lipid phase in E. coli membranes during the development of Ca2-dependent competence. Sabelnikov AG, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):464-72

Investigation of phospholipids of the pulmonary extracellular lining by electron paramagnetic resonance. The effects of phosphatidylglycerol and unsaturated phosphatidylcholines on the fluidity of dipalmitoyl phosphatidylcholine. Hook GE, et al. **Biochem J** 1984 Oct 15;223(2):533-42

Binding of human blood-coagulation Factors IXa and X to phospholipid membranes. Mertens K, et al. **Biochem J** 1984 Nov 1;223(3):599-605

Enhancement of reactive oxygen-dependent mitochondrial membrane lipid peroxidation by the anticancer drug adriamycin. Mimnaugh EG, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):847-56

Kinetics of cholesterol and phospholipid exchange from membranes containing cross-linked proteins or cross-linked phosphatidylethanolamines. Bittman R, et al. **Biochemistry** 1985 Mar 12;24(6):1403-9

Spin-label studies of lipid-protein interactions in (Na+,K+)-ATPase membranes from rectal glands of Squalus acanthias. Esmann M, et al. **Biochemistry** 1985 Mar 12;24(6):1386-93

Variations in dietary triacylglycerol saturation alter the lipid composition and fluidity of rat intestinal plasma membranes. Brasitus TA, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):460-72

Molecular species composition of membrane phosphatidylcholine influences the rate of cholesterol efflux from human erythrocytes and vesicles of erythrocyte lipid. Child P, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):237-46

The involvement of cytoskeleton in the regulation of transbilayer movement of phospholipids in human blood platelets. Comfurius P, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):143-8

Lipids of mitochondria. Daum G. **Biochim Biophys Acta** 1985 Jun 12;822(1):1-42 (374 ref.)

[1-14C]Arachidonic acid incorporation into glycerolipids and prostaglandin synthesis in peritoneal macrophages: effect of chloramphenicol. de Maroussem D, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):8-22

Specificity of lipid-protein interactions as determined by spectroscopic techniques. Devaux PF, et al. **Biochim Biophys Acta** 1985 Jun 12;822(1):63-125 (247 ref.)

Interaction of amphotericin B with membrane lipids as viewed by 2H-NMR. Dufourc EJ, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):435-42

The stimulation and binding of CTP: phosphorylcholine cytidylyltransferase by phosphatidylcholine-oleic acid vesicles. Feldman DA, et al. **Biochim Biophys Acta** 1985 Mar 6;833(3):429-37

Alterations of cell membrane composition during prolonged fasting in lizards. Gillett MP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):219-25

Aluminium salts accelerate peroxidation of membrane lipids stimulated by iron salts. Gutteridge JM, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):441-7

The separate profile structures of the functional calcium pump protein and the phospholipid bilayer within isolated sarcoplasmic reticulum membranes determined by X-ray and neutron diffraction. Herbette L, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):103-22

Stopped-flow study of anesthetic effect on water-transport kinetics through phospholipid membranes. Interfacial versus lipid core ligands. Inoue T, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):393-401

Comparative effects of trypsin, collagenase and mechanical harvesting on cell membrane lipids studied in monolayer-cultured endothelial cells and a green monkey kidney cell line. Kirkpatrick CJ, et al. **Biochim Biophys Acta** 1985 Jul 30;846(1):120-6

Lipid-protein interactions in frog rod outer segment disc membranes. Characterization by spin labels. Pates RD, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):389-97

Escherichia coli membrane vesicles with elevated phosphatidic acid levels. A detergent-free system for in vitro phospholipid synthesis. Sparrow CP, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):373-83

Insulin effect on translational diffusion of lipids and proteins in the plasma membrane of isolated rat hepatocytes. Stuschke M, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):436-44

Liposomal membranes. XX. Autoxidation of unsaturated fatty acids in liposomal membranes. Sunamoto J, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):144-50

Hydrolysis of phospholipid monolayers by human spermatozoa. Inhibition by male contraceptive gossypol. Vainio P, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):405-8

Mattress model of lipid-protein interactions in membranes. Mouritsen OG, et al. **Biophys J** 1984 Aug;46(2):141-53

A theoretical approach to cluster formation in biological membranes. Heinrich R, et al. **Biosystems** 1984;17(2):135-54

Studies on the incorporation of eicosapentaenoic acid (EPA) into platelet membrane phospholipids and the effects of EPA supplementation on platelet function, skin bleeding time and blood viscosity in man. Greaves M, et al. **Br J Clin Pract [Symp Suppl]** 1984;31:45-8

Methylation of erythrocyte membrane phospholipid in patients with early-onset myotonic dystrophy. Eda I, et al. **Brain Dev** 1984;6(3):284-8

Deacylation of endogenously deuterated rat liver microsomal phospholipids by endogenous phospholipases. Pind S, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):137-44

Chemical alterations in cell envelopes of Pseudomonas aeruginosa upon exposure to polymyxin: a possible mechanism to explain adaptive resistance to polymyxin. Gilleland HE Jr, et al. **Can J Microbiol** 1984 Jul;30(7):869-73

Thermodynamic interpretation of effects of alcohols on membrane lipid fluidity. Boigegrain RA, et al. **Chem Phys Lipids** 1984 Oct;35(4):321-30

Membrane phospholipid organization and vesiculation of erythrocytes in sickle cell anaemia. Wagner GM, et al. **Clin Haematol** 1985 Feb;14(1):183-200 (82 ref.)

Inositol lipid breakdown as a step in alpha-adrenergic stimulus-response coupling. Michell RH. **Clin Sci** 1985;68 Suppl 10:43s-46s

Membrane fluidity: structure and dynamics of membrane lipids. Stubbs CD. **Essays Biochem** 1983;19:1-39 (161 ref.)

Isolation of proteins assembled in lipid body membranes during fat mobilization in cucumber cotyledons. Sturm A, et al. **Eur J Biochem** 1985 Aug 1;150(3):461-8

Modulation of chloroplast membrane lipids by homogeneous catalytic hydrogenation. Vigh L, et al. **Eur J Biochem** 1985 Mar 15;147(3):477-81

Changes in the composition of membrane phospholipids during the cell cycle of Escherichia coli. Mozharov AD, et al. **FEBS Lett** 1985 Jul 1;186(1):103-6

Biochemical alterations of membrane lipids associated with renal injury. Morrison AR, et al. **Fed Proc** 1984 Oct;43(13):2811-4

Abnormal phosphatidylinositol-cycle of platelet membrane in schizophrenia--a preliminary study. Kaiya H, et al. **Folia Psychiatr Neurol Jpn** 1984;38(4):437-44

Effect of chronic ethanol administration on enzyme and lipid properties of liver plasma membranes in long and short sleep mice. Zysset T, et al. **Hepatology** 1985 Jul-Aug;5(4):531-7

Incorporation and turnover of phospholipid precursors in normal and tumoral glial cells in culture. Hugues P, et al. **Int J Biochem** 1985;17(5):611-7

Membrane phospholipid turnover in signal transduction; protein kinase C and mechanism of action of tumor promoters. Miyake R, et al. **Int Symp Princess Takamatsu Cancer Res Fund** 1983;14:167-76 (30 ref.)

Uptake and transbilayer distribution of phosphatidylcholines in Mycoplasma gallisepticum and their effect on cell morphology. Rottem S, et al. **Isr J Med Sci** 1984 Sep;20(9):812-6

Spiroplasma membrane lipids. Davis PJ, et al. **J Bacteriol** 1985 Jan;161(1):118-22

Interaction of digitonin and its analogs with membrane cholesterol. Nishikawa M, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1231-9

Phospholipid metabolism in V79-R membranes composed of phospholipid molecular species containing trans-monoenoic fatty acids. Urade R, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):821-8

The kinetics of P515 in relation to the lipid composition of the thylakoid membrane. Peters RL, et al. **J Bioenerg Biomembr** 1984 Aug;16(4):283-94

Correlation between lipid fluidity and tryptic susceptibility of Ca2+-ATPase in sarcoplasmic reticulum membranes. Blazyk J, et al. **J Biol Chem** 1985 Apr 25;260(8):4845-9

O2-triggered changes of membrane fatty acid composition have no effect on Arrhenius discontinuities of respiration in sycamore (Acer pseudoplatanus L.) cells. Bligny R, et al. **J Biol Chem** 1985 Aug 5;260(16):9166-70

Involvement of surface potential in regulation of polar membrane lipids in Acholeplasma laidlawii. Christiansson A, et al. **J Biol Chem** 1985 Apr 10;260(7):3984-90

Lipoprotein lipase hydrolysis of trioleoylglycerol in a phospholipid interface. Effect of cholesteryl oleate on catalysis. Demel RA, et al. **J Biol Chem** 1985 Aug 15;260(17):9589-92

The relationship between valinomycin-induced alterations in membrane phospholipid fatty acid turnover, membrane potential, and cell volume in the human erythrocyte. Dise CA, et al. **J Biol Chem** 1985 Mar 10;260(5):2869-74

The role of intramembrane Ca2+ in the hydrolysis of the phospholipids of Escherichia coli by Ca2+-dependent phospholipases. Elsbach P, et al. **J Biol Chem** 1985 Feb 10;260(3):1618-22

Lipid mobility in the assembly and expression of the activity of the prothrombinase complex. Higgins DL, et al. **J Biol Chem** 1985 Mar 25;260(6):3604-12

Phospholipase A2 sensitivity of uterine smooth muscle membrane phospholipids and adenylate cyclase activity. Effect of temperature on the action of phospholipase present in excess. Krall JF, et al. **J Biol Chem** 1985 Aug 15;260(17):9685-91

Phosphatidylinositol turnover in isolated soybean membranes stimulated by the synthetic growth hormone 2,4-dichlorophenoxyacetic acid. Morré DJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15364-8

Liver ischemia increases the molecular order of microsomal membranes by increasing the cholesterol-to-phospholipid ratio. Petrovich DR, et al. **J Biol Chem** 1984 Nov 10;259(21):13217-23

Heme transfer between phospholipid membranes and uptake by apohemoglobin. Rose MY, et al. **J Biol Chem** 1985 Jun 10;260(11):6632-40

Lateral mobility and organization of phospholipids and proteins in rat myocyte membranes. Effects of aging and manipulation of lipid composition. Yechiel E, et al. **J Biol Chem** 1985 Aug 5;260(16):9132-6

Relationships between membrane lipid composition and biological properties of rat myocytes. Effects of aging and manipulation of lipid composition. Yechiel E, et al. **J Biol Chem** 1985 Aug 5;260(16):9123-31

Evidence for a tubulin-containing lipid-protein structural complex in ciliary membranes. Stephens RE. **J Cell Biol** 1985 Apr;100(4):1082-90

Glycolipids of the mouse peritoneal macrophage. Alterations in amount and surface exposure of specific glycolipid species occur in response to inflammation and tumoricidal activation. Mercurio AM, et al. **J Exp Med** 1984 Oct 1;160(4):1114-25

An exoglycosidase-sensitive triggering site on NK cells which is coupled to transmethylation of membrane phospholipids. Kiyohara T, et al. **J Immunol** 1985 Jul;135(1):659-64

Effects of pyrethroids on lymphocyte membrane lipid packing order. Stelzer KJ, et al. **J Immunopharmacol** 1984; 6(4):389–410

Bacterial membranes and lipid packing theory. Goldfine H. **J Lipid Res** 1984 Dec 15;25(13):1501–7

Lateral phase separation of phospholipids as a basis for increased permeability of membranes towards fluorescein and other chemical species. Humphries GM, et al. **J Membr Biol** 1984;80(3):249–56

Renal cortical brush-border and basolateral membranes: cholesterol and phospholipid composition and relative turnover. Molitoris BA, et al. **J Membr Biol** 1985; 83(3):207–15

Increased activity of Ca2+-dependent enzymes of membrane lipid metabolism in synaptosomal preparations from ethanol-dependent rats. John GR, et al. **J Neurochem** 1985 Apr;44(4):1235–41

Erythrocyte lipid alterations in pediatric cholestatic liver disease: spur cell anemia of infancy. Cynamon HA, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):542–9

Effects of the cannabinoids on physical properties of brain membranes and phospholipid vesicles: fluorescence studies. Hillard CJ, et al. **J Pharmacol Exp Ther** 1985 Mar; 232(3):579–88

[3H]netilmicin binding constants and phospholipid composition of renal plasma membranes of normal and diabetic rats. Josepovitz C, et al. **J Pharmacol Exp Ther** 1985 May;233(2):298–303

Role of cholesterol in fusion of Semliki Forest virus with membranes. Kielian MC, et al. **J Virol** 1984 Oct;52(1):281–3

Dietary effects of menhaden oil on the growth and membrane lipid composition of rat mammary tumors. Jurkowski JJ, et al. **JNCI** 1985 May;74(5):1145–50

The fatty acid composition of red cells deficient in glucose-6-phosphate dehydrogenase and their susceptibility to lipid peroxidation. Clemens MR, et al. **Klin Wochenschr** 1985 Jul 1;63(13):578–82

Phosphorylation of chloroform soluble compounds in plasma membranes of human epidermoid carcinoma A431 cells. Brautigan DL, et al. **Lipids** 1985 Jul;20(7):492–5

Homeostatic control of membrane fatty acid composition in the rat after dietary lipid treatment. Gibson RA, et al. **Lipids** 1984 Dec;19(12):942–51

Autoxidation of Acholeplasma laidlawii membranes. Wu GS, et al. **Lipids** 1984 Oct;19(10):756–67

Molecular motion and association on the cell surface. Jovin TM. **Mol Immunol** 1984 Dec;21(12):1147–9

Heterogeneity of membrane phospholipid mobility in endothelial cells depends on cell substrate. Nakache M, et al. **Nature** 1985 Sep 5–11;317(6032):75–7

Role of membrane lipid asymmetry in aging. By F. Schroeder. Peer commentaries. **Neurobiol Aging** 1984 Winter;5(4):334–55

Role of membrane lipid asymmetry in aging. Schroeder F. **Neurobiol Aging** 1984 Winter;5(4):323–33 (180 ref.)

Altered membrane lipid composition: a possible molecular basis of vitamin D action. **Nutr Rev** 1984 Oct;42(10):357–8

Effect of lipophilicity on the rate of diffusion of sensitizers into cellular targets. Kandaiya S. **Singapore Med J** 1985 Feb;26(1):49–52

Lipid composition, physical state, and lipid peroxidation of tumor membranes. Galeotti T, et al. **Toxicol Pathol** 1984; 12(4):324–30

[Drug permeation through artificial lipid membranes. 17. The mechanism of ion pair transport] Neubert R, et al. **Pharmazie** 1984 Jun;39(6):401–3 (Eng. Abstr.) **(Ger)**

[Neoplastic cells and membrane biochemistry] Kojima K. **Nippon Rinsho** 1985 Apr;43(4):794–8 (35 ref.) **(Jpn)**

[Membrane lipids and membrane enzymes] Niimura Y. **Nippon Rinsho** 1985 Apr;43(4):687–91 (25 ref.) **(Jpn)**

[Recent trends of biomembranology] Ohki K, et al. **Nippon Rinsho** 1985 Apr;43(4):671–6 **(Jpn)**

[Asymmetry of biological membranes--distribution of lipids and various enzymatic proteins in the transverse plane of the membranes] Pikula S, et al. **Postepy Biochem** 1984; 30(1–2):107–48 (373 ref.) **(Pol)**

[Formation of the complex of the triterpene glycoside holothurin A with cholesterol in liposomal membranes] Likhatskaia GN, et al. **Biofizika** 1985 Mar–Apr;30(2):358–9 (Eng. Abstr.) **(Rus)**

[Turnover of chromatin-bound and membrane lipids in the liver and thymus of gamma-irradiated rats] Kaznacheev IuS, et al. **Biokhimiia** 1984 Dec;49(12):2008–11 (Eng. Abstr.) **(Rus)**

[Function of the membrane lipids of the heart sarcoplasmic network in izadrin myocarditis studied by using a pyrene probe] Lyzlova LV, et al. **Biull Eksp Biol Med** 1985 Jun; 99(6):674–7 (Eng. Abstr.) **(Rus)**

[Induction of beta- and gamma-states of comuton regulation of oxidative phosphorylation in rat liver mitochondria during the activation of peroxidation of the mitochondrial membrane lipids] Elbakidze GM, et al. **Dokl Akad Nauk SSSR** 1985;282(3):729–34 **(Rus)**

[Mechanisms of the Ca2+-dependent competence of bacteria: the formation of non-bilayer lipid structures in E. coli cells] Sabel'nikov AG, et al. **Dokl Akad Nauk SSSR** 1985;282(3):724–8 **(Rus)**

[Lipid content of mitochondrial membranes of the rat liver in alloxan diabetes] Ishankhodzhaev TM, et al. **Probl Endokrinol (Mosk)** 1984 Nov–Dec;30(6):56–9 (Eng. Abstr.) **(Rus)**

[The role of lipid components of microsomal membranes of hepatocytes of the central Asian turtle in the actualization of radiation injuries] Ivanov VI, et al. **Radiobiologiia** 1985 Mar–Apr;25(2):191–5 (Eng. Abstr.) **(Rus)**

[Properties of lipid bilayer membranes modified by brain Na+,K+-ATPase subunits] Sorokina ZA. **Ukr Biokhim Zh** 1984 Jul–Aug;56(4):418–27 (Eng. Abstr.) **(Rus)**

[Peroxidation of membrane lipids in experimental photochemotherapy] Akimov VG, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):22–5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

[Action of the alkyl derivatives of amphotericin B on the conductivity of bilayer lipid membranes] Kasumov KhM, et al. **Antibiotiki** 1984 Jul;29(7):513–6 (Eng. Abstr.) **(Rus)**

[Interaction of vasoactive substances with phospholipid and erythrocyte membranes] Petrov VK. **Farmakol Toksikol** 1985 Mar–Apr;48(2):72–7 (Eng. Abstr.) **(Rus)**

[Antioxidative activity of plasma membrane lipids of liver cells and its change after irradiation] Ryskulova ST, et al. **Radiobiologiia** 1985 Jan–Feb;25(1):87–8 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Ethanol and membrane lipids. Sun GY, et al. **Alcoholism (NY)** 1985 Mar–Apr;9(2):164–80 (243 ref.)

Oncogenes, ions, and phospholipids. Macara IG. **Am J Physiol** 1985 Jan;248(1 Pt 1):C3–11 (93 ref.)

Reversible activation of human neutrophil calpain promoted by interaction with plasma membranes. Pontremoli S, et al. **Biochem Int** 1985 Jul;11(1):35–44

Species variation in the ouabain sensitivity of cardiac Na+/K+-ATPase. A possible role for membrane lipids. Abeywardena MY, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3649–54

Sensitivity of adipocyte basal and insulin-stimulated hexose transport to the membrane lipid structure. Hutchinson BT, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1079–86

Influence of sterol structure on yeast plasma membrane properties. Bottema CD, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):313–20

Membrane reconstitution of the energy-conserving enzymes of oxidative phosphorylation. Casey RP. **Biochim Biophys Acta** 1984 Dec 17;768(3–4):319–47 (301 ref.)

Effects of insulin on the lipid structure of liver plasma membrane measured with fluorescence and ESR spectroscopic methods. Hyslop PA, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):267–78

Glucocorticoid effects on membrane lipid mobility during differentiation of murine B lymphocytes. Keating KM, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):305–12

The effect of growth temperature on the thermotropic behavior of the membranes of a thermophilic Bacillus. Composition-structure-function relationships. Reizer J, et al. **Biochim Biophys Acta** 1985 May 14;815(2):268–80

The influence of lipid composition on the barrier properties of band 3-containing lipid vesicles. Van Hoogevest P, et al. **Biochim Biophys Acta** 1984 Nov 7;777(2):241–52

Modulation of CALLA and HLA-DR on a non T non B leukemic cell line by lipid treatment. Martyre MC, et al. **Biol Cell** 1984;52(3):243–8

The recognition of red blood cells by macrophages: role of phosphatidylserine and possible implications of membrane phospholipid asymmetry. Schroit AJ, et al. **Biol Cell** 1984; 51(2):227–38

Modulation of synaptic GABA receptor binding by membrane phospholipids: possible role of active oxygen radicals. Yoneda Y, et al. **Brain Res** 1985 Apr 29; 333(1):111–22

Cell surface structural implications of some experiments with isolated glycolipids and glycoproteins. Grant CW. **Can J Biochem Cell Biol** 1984 Nov;62(11):1151–7

On the role of lipid-bilayer elasticity for the lipid-protein interaction and the indirect protein-protein coupling. Sackmann E, et al. **Can J Biochem Cell Biol** 1984 Aug; 62(8):778–88

Membrane lipid dynamics in human promyelocytic leukemia cells sensitive and resistant to 12-O-tetradecanoylphorbol-13-acetate induction of differentiation. Fisher PB, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5550–4

Development of thermotolerance in mouse fibroblast LM cells with modified membranes and after procaine treatment. Konings AW. **Cancer Res** 1985 May; 45(5):2016–9

Involvement of plasma membrane lipid structural order in adriamycin resistance in Chinese hamster lung cells. Rintoul DA, et al. **Cancer Res** 1984 Nov;44(11):4978–80

Effect of in vivo changes in phospholipid composition on liver microsomal calcium transport. Boyle DM, et al. **Cell Calcium** 1984 Oct;5(5):475–85

The role of cell-wall associated lipids in the pathogenesis of lesions in experimental murine nocardiosis vs lesions produced by Mycobacterium fortuitum. Miller-Hardy DK, et al. **Comp Immunol Microbiol Infect Dis** 1984;7(2):109–24

A lipid-phase separation model of low-temperature damage to biological membranes. Quinn PJ. **Cryobiology** 1985 Apr; 22(2):128–46 (59 ref.)

Regional differences in the lateral mobility of plasma membrane lipids in a molluscan embryo. Speksnijder JE, et al. **Dev Biol** 1985 Jul;110(1):207–16

Phosphatidylserine and ornithine-containing lipids of Bordetella, hemagglutinins of lipoamino acid structure, and their control in biomembranes. Kawai Y, et al. **Eur J Biochem** 1985 Mar 1;147(2):367–70

Lateral proton conduction at a lipid/water interface. Its modulation by physical parameters. Experimental and mathematical approaches. Prats M, et al. **Eur J Biochem** 1985 Jun 18;149(3):663–8

Inhibition of phosphatidylcholine synthesis does not alter uptake of transferrin by LM fibroblasts. Hanover JA, et al. **Exp Cell Res** 1985 Mar;157(1):276–81

Lipid requirements for reconstitution of the delipidated beta-adrenergic receptor and the regulatory protein. Kirilovsky J, et al. **FEBS Lett** 1985 Apr 8;183(1):75–80

Calorimetric and spectroscopic studies of lipid hydrocarbon chain order in the Acholeplasma laidlawii membrane. Macdonald PM, et al. **Isr J Med Sci** 1984 Sep;20(9):803–6

Effects of acyl chain composition on production of mycoplasmavirus MV-L2 by Acholeplasma laidlawii. Steinick LE, et al. **Isr J Med Sci** 1984 Sep;20(9):788–92

Outer membrane protein NmpC of Escherichia coli: pore-forming properties in black lipid bilayers. Hindahl MS, et al. **J Bacteriol** 1984 Sep;159(3):1053–5

Enhanced secretion of glucosyltransferase by changes in potassium ion concentrations is accompanied by an altered pattern of membrane fatty acids in Streptococcus salivarius. Markevics LJ, et al. **J Bacteriol** 1985 Mar;161(3):989–94

Alteration of phospholipid composition by combined defects in phosphatidylserine and cardiolipin synthases and physiological consequences in Escherichia coli. Shibuya I, et al. **J Bacteriol** 1985 Mar;161(3):1086–92

Effect of lipid composition on HVJ-mediated fusion of glycophorin liposomes to erythrocytes. Umeda M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1301–10

Modulation of epididymal delta 4-steroid 5 alpha-reductase activity in vitro by the phospholipid environment. Cooke GM, et al. **J Biol Chem** 1985 Jun 25;260(12):7489–95

Phospholipid organization in H,K-ATPase-containing membranes from pig gastric mucosa. Olaisson H, et al. **J Biol Chem** 1985 Sep 15;260(20):11262–7

Adenine nucleotide translocase activity and sensitivity to inhibitors in hepatomas. Comparison of the ADP/ATP carrier in mitochondria and in a purified reconstituted liposome system. Woldegiorgis G, et al. **J Biol Chem** 1985 Jun 25;260(12):7585–90

Depolymerization of microtubules increases the motional freedom of molecular probes in cellular plasma membranes. Aszalos A, et al. **J Cell Biol** 1985 May;100(5):1357–62

Alteration of erythrocyte membrane lipid fluidity in human obesity. Beguinot F, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1226–30

Diphosphatidylglycerol reactivation of lipid-depleted beef heart cytochrome c oxidase: effect of subunit III removal. Robinson NC, et al. **J Inorg Biochem** 1985 Mar–Apr; 23(3–4):171–6

Thermotropic behavior of retinal rod membranes and dispersions of extracted phospholipids. Miljanich GP, et al. **J Membr Biol** 1985;85(1):79–86

Effect of phospholipid surface charge on the conductance and gating of a Ca2+-activated K+ channel in planar lipid bilayers. Moczydlowski E, et al. **J Membr Biol** 1985; 83(3):273–82

Membrane disordering by anesthetic drugs: relationship to synaptosomal sodium and calcium fluxes. Harris RA, et al. **J Neurochem** 1985 Apr;44(4):1274–81

Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Blomstrand R, et al. **Lipids** 1985 May;20(5):283–95

Molecular mechanisms of action of general anesthetics. Dodson BA, et al. **Mol Cell Biochem** 1984 Sep;64(2):97–103

Excimer formation of N-(1-pyrenesulfonyl)-dipalmitoyl-L-alpha-phosphatidyle at the lipid-water interface of fat cell plasma membranes. Kaneda N, et al. **Photochem Photobiol** 1985 May; 41(5):519–25

Evidence for conduction of protons along the interface between water and a polar lipid monolayer. Teissié J, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3217–21

Increasing membrane polyunsaturated fatty-acid content augments cyclic AMP formation and prostaglandin production in NIE-115 neuroblastoma. Murphy MG. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4–6):529–37

Role of membrane lipids and membrane fluidity in thermosensitivity and thermotolerance of mammalian cells. Konings AW, et al. **Radiat Res** 1985 Apr;102(1):86–98

Adaptation of the membrane lipids of a deep-sea bacterium to changes in hydrostatic pressure. DeLong EF, et al. **Science** 1985 May 31;228(4703):1101–3

Dependence on membrane lipids of the effect of vanadate on calcium and ATP binding to sarcoplasmic reticulum ATPase. Medda P, et al. **Z Naturforsch [C]** 1984 Nov–Dec; 39(11–12):1137–40

[Fluid mosaic model of biomembrane] Sato J. **Nippon Rinsho** 1985 Apr;43(4):677–80 (30 ref.) **(Jpn)**

[Interaction of membrane lipids with carbonyl reductase in guinea pig liver microsomes] Usui S, et al. **Yakugaku Zasshi** 1985 Mar;105(3):271–7 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

Ultraviolet radiation stimulates the release of arachidonic acid from mammalian cells in culture. De Leo VA, et al. **Photochem Photobiol** 1985 Jan;41(1):51-6

[Effect of ionizing radiation on the lipid fatty acid composition of the plasma membranes of liver cells] Balakhchi TA, et al. **Radiobiologiia** 1985 May-Jun; 25(3):397-9 (Eng. Abstr.) **(Rus)**

[The effect of irradiation on the lipid composition of plasma membranes of liver cells] Ryskulova ST, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):650-1 (Eng. Abstr.) **(Rus)**

MEMBRANE POTENTIALS

No correlation between membrane potential and increased cytosolic free Ca2+ concentration, 86Rb+ influx or subsequent [3H]-thymidine incorporation in neoplastic human B cells stimulated with antibodies to surface immunoglobulin. Heikkilä R, et al. **Acta Physiol Scand** 1985 May;124(1):107-15

Insulin stimulation of an electrogenic pump at high extracellular potassium concentration. Wu FS, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E12-6

Insulin action on membrane potential and glucose uptake: effects of high potassium. Zierler K, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):E17-25

The influence of membrane potentials on reaction rates. Control in free-energy-transducing systems. Boork J, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):314-20

Dependence of cytoplasmic calcium transients on the membrane potential in isolated nerve endings of the guinea pig. Heinonen E, et al. **Biochim Biophys Acta** 1985 May 14;815(2):203-8

A hypothesis for the mechanism of respiratory-chain phosphorylation not involving the electrochemical gradient of protons as obligatory intermediate. Slater EC, et al. **Biochim Biophys Acta** 1985 Aug 1;811(3):217-31

Effect of doublet impulse sequences on the transient and steady responses in the computer-simulated nerve cell. Sugano N. **Biol Cybern** 1984;51(2):123-8

Complex membrane transport systems. A non-Markovian approach. Stephan W. **Biophys Chem** 1985 Jan;21(1):41-55

Charge-shift probes of membrane potential. Characterization of aminostyrylpyridinium dyes on the squid giant axon. Loew LM, et al. **Biophys J** 1985 Jan;47(1):71-7

Donnan potential and surface potential of a charged membrane. Ohshima H, et al. **Biophys J** 1985 May; 47(5):673-8

Dependence of Na+,K+-ATPase and electrogenic component of Em in cultured myotubes on cell fusion. Brodie C, et al. **Brain Res** 1985 Jun 17;336(2):384-6

The membrane potential along an ideal axon in a radial electric field. Hentall ID. **Brain Res** 1985 Jun 17; 336(2):387-9

Depolarizing prepotentials are Na+ dependent in CA1 pyramidal neurons. Macvicar BA. **Brain Res** 1985 May 6; 333(2):378-81

Effects of Na+ gradient on the intracellular Ca2+ oscillation in the sympathetic ganglion cell: Na-Ca exchange in the neurone cell soma? Nohmi M, et al. **Brain Res** 1984 Dec 17;324(1):171-4

Developmental changes in the passive membrane properties of an identified molluscan neuron. Pawson PA, et al. **Brain Res** 1985 Jan;349(1-2):296-300

Optical recording of membrane potential responses from early embryonic chick ganglia using voltage-sensitive dyes. Sakai T, et al. **Brain Res** 1985 Jan;349(1-2):39-51

Excitable membrane--animals. Takahashi K. **Cell Struct Funct** 1984 Jul;9 Suppl:s43-6

Theoretical study on asymmetric membrane potential. Nakagaki M, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct; 32(10):3812-23

An operative system for treatment of electropharmacological signals with a microprocessor. Diez Gil JL, et al. **Comput Programs Biomed** 1984;18(3):247-58

Influence of trophic substances in the regulation of resting membrane potential and ionic concentration in skeletal muscle. Kotsias BA, et al. **Exp Neurol** 1985 Apr;88(1):56-67

Measurement of the sodium membrane potential by NMR. Cowan BE, et al. **FEBS Lett** 1985 May 6;184(1):130-3

The use of carotenoids and oxonol VI as probes for membrane potential in proteoliposomes. van Walraven HS, et al. **FEBS Lett** 1985 May 6;184(1):96-9

Mechanism of fluorescent response of the probe diS-C3-(5) to transmembrane potential changes in a lecithin vesicle suspension. Ivkova MN, et al. **Gen Physiol Biophys** 1984 Apr;3(2):97-117

Temperature-dependent properties of delayed outward current channels in somatic membrane of snail neurones. Magura IS, et al. **Gen Physiol Biophys** 1985 Feb;4(1):97-9

Membrane potentials, electrolyte contents, cell pH, and some enzyme activities of fibroblasts. Yen-Chow YC, et al. **In Vitro** 1984 Sep;20(9):677-84

Phosphate transport, membrane potential, and movements of calcium in rat liver mitochondria. Ligeti E, et al. **J Bioenerg Biomembr** 1984 Apr;16(2):101-13

Role of membrane potential in the regulation of lectin-induced calcium uptake. Gelfand EW, et al. **J Cell Physiol** 1984 Dec;121(3):533-9

Temperature-dependent transmembrane potential changes in cells infected with a temperature-sensitive Moloney sarcoma virus. Lai CN, et al. **J Cell Physiol** 1984 Oct; 121(1):139-42

Electrochemical ion gradients and the Na/Ca exchange stoichiometry. Measurements of these gradients are thermodynamically consistent with a stoichiometric coefficient greater than or equal to 3. Axelsen PH, et al. **J Gen Physiol** 1985 Mar;85(3):471-5

Slow potential changes due to transport number effects in cells with unstirred membrane invaginations or dendrites. Barry PH. **J Membr Biol** 1984;82(3):221-39

Effects of chemical modification of carboxyl groups on the voltage-clamped nerve fiber of the frog. Rack M, et al. **J Membr Biol** 1984;82(1):41-8

Potential-dependent phase partitioning of fluorescent hydrophobic ions in phospholipid vesicles. Raines DE, et al. **J Membr Biol** 1984;82(3):241-7

The ionic mechanism of the slow outward current in Aplysia neurons. Huguenard JR, et al. **J Neurophysiol** 1985 Aug; 54(2):449-61

A new method of monitoring membrane potential in rat hippocampal slices using cyanine voltage-sensitive dyes. Dasheiff RM. **J Neurosci Methods** 1985 May; 13(3-4):199-212

Theory and operation of a single microelectrode voltage clamp. Finkel AS, et al. **J Neurosci Methods** 1984 Jun; 11(2):101-27

Membrane patches and whole-cell membranes: a comparison of electrical properties in rat clonal pituitary (GH3) cells. Fernandez JM, et al. **J Physiol (Lond)** 1984 Nov;356:565-85

A novel mechanism for voltage control of channel conductance. Colombini M. **J Theor Biol** 1984 Oct 21; 110(4):559-67

Ionic basis of resting membrane potential in frog taste cells. Sato T, et al. **Jpn J Physiol** 1984;34(6):973-83

Voltage-dependent potassium currents in cultured astrocytes. Bevan S, et al. **Nature** 1985 May 16-22;315(6016):229-32

Voltage dependence of Na/K pump current in isolated heart cells. Gadsby DC, et al. **Nature** 1985 May 2-8; 315(6014):63-5

Depolarization-induced increases in intracellular free calcium detected in single cultured neuronal cells. Perney TM, et al. **Neurosci Lett** 1984 Oct 12;51(2):165-70

Ionic currents in neuroblastoma clone E-7 cells. Vyklický L Jr, et al. **Neurosci Lett** 1985 Apr 9;55(2):197-201

Two types of miniature endplate potentials in Xenopus nerve-muscle cultures. Kidokoro Y. **Neurosci Res** 1984 Jun; 1(3):157-70

Kinetics of sodium activation in giant axons of squid (Doryteuthis bleekeri). Matsumoto G, et al. **Neuroscience** 1985 Jan;14(1):327-34

Isolation and kinetic analysis of inward currents in neuroblastoma cells. Quandt FN, et al. **Neuroscience** 1984 Sep;13(1):249-62

[Electronic device for the automatic zero-reading of (short-circuit) potentials in large-surface nonexcitable biological membranes] Ponec J, et al. **Cesk Fysiol** 1984; 33(5):455-7 **(Cze)**

[Esophageal transmucosal potential difference in patients with peptic and alkaline esophagitis] Izzo G, et al. **Minerva Med** 1984 Sep 29;75(37):2161-6 **(Ita)**

[Membrane currents in the guinea-pig Purkinje fibers] Mitsuiye T. **Fukuoka Igaku Zasshi** 1984 Aug;75(8):501-11 (Eng. Abstr.) **(Jpn)**

[Membrane potential of blood platelets--its clinical and biological significance] Tanoue K. **Rinsho Byori** 1985 Apr; Spec No 62:19-31 (18 ref.) **(Jpn)**

[Formation of differences in the electric potentials of the membrane vesicle in Staphylococcus aureus] Vinnikov AI. **Biokhimiia** 1984 Dec;49(12):2041-4 (Eng. Abstr.) **(Rus)**

[Membrane potential fixation using an oscillograph] Golubtsov KV, et al. **Fiziol Zh SSSR** 1985 Jun;71(6):796-7 **(Rus)**

[Calcium currents of differentiated mouse neuroblastoma cells] Veselovskii NS, et al. **Neirofiziologiia** 1984; 16(4):527-31 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Lysophosphatidylcholine cell depolarization: increased membrane permeability for use in the determination of cell membrane potentials. Gallo RL, et al. **Arch Biochem Biophys** 1984 Dec;235(2):544-54

Oscillation of electrical potential in a porous-membrane doped with triolein induced by an Na+/K+ concentration gradient. Ishii T, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):792-6

Calcium-induced heterogeneous changes in membrane potential detected by flow cytofluorimetry. Hickman JA, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):457-62

The insecticide DDT decreases membrane potential and cell input resistance of cultured human liver cells. Schefczik K, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):337-9

Prostaglandin E1 inhibits calcium-dependent potentials in mammalian sympathetic neurons. Mo N, et al. **Brain Res** 1985 May 20;334(2):325-9

Potassium-induced contractures in crab (Callinectes danae) muscle fibers. Leal-Cardoso JH, et al. **Braz J Med Biol Res** 1984;17(2):203-8

The effects of antiarrhythmic drugs, stimulation frequency, and potassium-induced resting membrane potential changes on conduction velocity and dV/dtmax in guinea pig myocardium. Buchanan JW Jr, et al. **Circ Res** 1985 May; 56(5):696-703

D-ala2-Metenkephalinamide blocks the synaptically elicited cortical spreading depression in rats. Oitzl MS, et al. **Experientia** 1985 May 15;41(5):625-7

Interaction of sodium ions with potassium channels of mollusc neuronal somatic membrane. Magura IS, et al. **Gen Physiol Biophys** 1985 Feb;4(1)[illegible]3-5

Influence of the staphylococcinlike peptide Pep 5 on membrane potential of bacterial cells and cytoplasmic membrane vesicles. Sahl HG. **J Bacteriol** 1985 May; 162(2):833-6

Changes in external Na induce a membrane current related to the Na-Ca exchange in cesium-loaded frog heart cells. Mentrard D, et al. **J Gen Physiol** 1984 Aug;84(2):201-20

Relationship between the shape and the membrane potential of human red blood cells. Bifano EM, et al. **J Membr Biol** 1984;82(1):1-13

Asymmetrical potassium permeability of the Müller cell. Field potential induced by intraretinal injection of K+-free Ringer's in frog retina. Yanagida T, et al. **Jpn J Ophthalmol** 1984;28(3):215-21

The depolarising action of capsaicin on rat isolated sciatic nerve. Hayes AG, et al. **Life Sci** 1984 Oct 8;35(15):1561-8

Mitochondrial membrane potential in lymphocytes as monitored by fluorescent cation diS-C3-(5). Gulyaeva NV, et al. **Membr Biochem** 1985;6(1):19-32

Acetylcholine activates an inward current in single mammalian smooth muscle cells. Benham CD, et al. **Nature** 1985 Jul 25-31;316(6026):345-7

Electrogenic Na-K pump in denervated mouse soleus muscles: prolonged activation by briefly applied acetylcholine. Lorković H, et al. **Neurosci Lett** 1985 May 14;56(2):175-81

Acetylcholine-induced currents at plasma membrane of the frog oocyte. Toselli M, et al. **Neurosci Lett** 1985 Mar 15; 54(2-3):179-84

Effect of 16,16-dimethyl prostaglandin E2 on gastric epithelial cell membrane potentials and resistances. Ashley SW, et al. **Surgery** 1985 Aug;98(2):166-73

[An analysis of the effects of prostaglandins on the bullfrog atrial muscle] Hachisuga M. **Fukuoka Igaku Zasshi** 1984 Aug;75(8):453-68 (Eng. Abstr.) **(Jpn)**

[Action of rutoside and procaine-rutin on membrane potentials] Neacşu I, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):677-80 (Eng. Abstr.) **(Rum)**

[Induction of slow membrane potential oscillations and burst activity in neuron PPa1 of Helix pomatia by a calcium ionophore and serotonin] D'iakonova TL, et al. **Neirofiziologiia** 1985;17(1):108-11 (Eng. Abstr.) **(Rus)**

MEMBRANE PROTEINS

Rotary dialysis: its application to the preparation of large liposomes and large proteoliposomes (protein-lipid vesicles) with high encapsulation efficiency and efficient reconstitution of membrane proteins. Gould-Fogerite S, et al. **Anal Biochem** 1985 Jul;148(1):15-25

Isolation and chemical and immunochemical characterization of the peanut-lectin-binding glycoprotein from human milk-fat-globule membranes. Fischer J, et al. **Biochem J** 1984 Dec 1;224(2):581-9

Structure of the membrane-embedded F0 part of F1F0 ATP synthase from Escherichia coli as inferred from labeling with 3-(Trifluoromethyl)-3-(m-[125I]iodophenyl)diazirine. Hoppe J, et al. **Biochemistry** 1984 Nov 6;23(23):5610-6

Topology of beef heart cytochrome c oxidase from studies on reconstituted membranes. Zhang YZ, et al. **Biochemistry** 1984 Nov 6;23(23):5616-21

Electron paramagnetic resonance studies of membrane proteins in hepatic microsomes. Barber MJ, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):159-68

A statistical technique for predicting membrane protein structure. Kuhn LA, et al. **Biochim Biophys Acta** 1985 Apr 29;828(3):351-61

Differential effect of Serratia protease on platelet surface glycoproteins Ib and V. McGowan EB, et al. **Blood** 1985 Apr;65(4):1033-5

Membrane particles and gap junctions in the retinas of two species of cephalopods, Octopus ocellatus and Sepiella japonica. Yamamoto M, et al. **Cell Tissue Res** 1984; 237(2):209-18

Sensitivity of Coxiella burnetii peptidoglycan to lysozyme hydrolysis and correlation of sacculus rigidity with peptidoglycan-associated proteins. Amano K, et al. **J Bacteriol** 1984 Dec;160(3):989-93

Crystallization of intrinsic membrane proteins. Ozawa T. **J Bioenerg Biomembr** 1984 Dec;16(5-6):321-33

Molecular defect in the sickle erythrocyte skeleton. Abnormal spectrin binding to sickle inside-our vesicles. Platt OS, et al. **J Clin Invest** 1985 Jan;75(1):266-71

Helical packing in the hydrophobic sector of cytochrome c oxidase. Bisson R, et al. **J Inorg Biochem** 1985 Mar-Apr; 23(3-4):177-82

The influence of electrostatic interactions between buried charges on the properties of membrane proteins. Moore GR, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):219-26

Analysis of membrane and surface protein sequences with the hydrophobic moment plot. Eisenberg D, et al. **J Mol Biol** 1984 Oct 15;179(1):125-42

Similarities among retrovirus proteins [letter] Patarca R, et al. **Nature** 1984 Dec 6-12;312(5994):496

Primary structure of the alpha-subunit of transducin and its relationship to ras proteins. Tanabe T, et al. **Nature** 1985 May 16-22;315(6016):242-5

A reliable method for assessing topographical arrangement of proteins in the chromaffin granule membrane. Zaremba S, et al. **Neurochem Res** 1985 Jan;10(1):19-32

Electrostatic interactions in membrane proteins. Honig B. **Prog Clin Biol Res** 1984;164:149-52

Sequence and structure of a human glucose transporter. Mueckler M, et al. **Science** 1985 Sep 6;229(4717):941-5

ANALYSIS

Merkel cells express desmosomal proteins and cytokeratins. Ortonne JP, et al. **Acta Derm Venereol (Stockh)** 1985; 65(2):161-4

Penicillin-binding proteins of Thiobacillus versutus. Markiewicz Z, et al. **Acta Microbiol Pol** 1985;34(2):103-10

Antiserum against formalin-fixed human milk fat globule glycoprotein for immunohistochemistry of normal and malignant apocrine epithelium. Forsman LM, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Sep; 92(5):331-7

Localization of a membrane glycoprotein in benign fibrocystic disease and infiltrating duct carcinomas of the human breast with the use of a monoclonal antibody to guinea pig milk fat globule membrane. Greenwalt DE, et al. **Am J Pathol** 1985 Mar;118(3):351-9

Cell biology and protein composition of cardiac gap junctions. Manjunath CK, et al. **Am J Physiol** 1985 Jun; 248(6 Pt 2):H783-91 (45 ref.)

An apparatus for rapid kinetic analysis of isotopic efflux from membrane vesicles and of ligand dissociation from membrane proteins. Forbush B 3d. **Anal Biochem** 1984 Aug 1;140(2):495-505

Quantitation of the major proteins of the human erythrocyte membrane by amino acid analysis. Shelton RL Jr, et al. **Anal Biochem** 1984 Aug 1;140(2):366-71

Circular dichroism analyses of membrane proteins: an examination of differential light scattering and absorption flattening effects in large membrane vesicles and membrane sheets. Wallace BA, et al. **Anal Biochem** 1984 Nov 1; 142(2):317-28

Triton X-114 phase fractionation of membrane proteins of the cyanobacterium Anacystis nidulans R2. Bricker TM, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):204-11

Lysosome-associated membrane proteins: characterization of LAMP-1 of macrophage P388 and mouse embryo 3T3 cultured cells. Chen JW, et al. **Arch Biochem Biophys** 1985 Jun;239(2):574-86

Galactose-rich glycoproteins are on the cell surface of herpes virus-infected cells. 1. Surface labeling and serial lectin binding studies of Asn-linked oligosaccharides of glycoprotein gC. Kumarasamy R, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):593-602

Immunochemical analysis of the membrane proteins of rat liver and Zajdela hepatoma mitochondria. Nelson BD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):24-30

Studies of chloroplast thylakoid proteins using monoclonal antibodies. Slovacek RE, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):995-1001

Tryptophan imaging of membrane proteins. Kleinfeld AM. **Biochemistry** 1985 Apr 9;24(8):1874-82

Energy-transfer study of cytochrome b5 using the anthroyloxy fatty acid membrane probes. Kleinfeld AM, et al. **Biochemistry** 1985 Apr 9;24(8):1883-90

Orientation of transmembrane polypeptides as revealed by antibody quenching of fluorescence. Bar-Noy S, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):612-4

Oriented reconstitution of red cell membrane proteins and assessment of their transmembrane disposition by immunoquenching of fluorescence. Darmon A, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):238-48

The detection and classification of membrane-spanning proteins. Klein P, et al. **Biochim Biophys Acta** 1985 May 28;815(3):468-76

An X-ray diffraction analysis of oriented lipid multilayers containing basic proteins. MacNaughtan W, et al. **Biochim Biophys Acta** 1985 Aug 27;818(2):132-48

Age-related changes in enzyme activities, protein content and lipid composition of rat kidney brush-border membrane. Pratz J, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):265-73

Two-dimensional isoelectric focussing/sodium dodecyl sulphate polyacrylamide gel electrophoretic mapping and some molecular characteristics of the proteins of the adult guinea-pig small intestinal microvillus membrane. Wall JC, et al. **Biochim Biophys Acta** 1985 May 14;815(2):175-83

Partial sequence homologies between cytoskeletal proteins, c-myc, Rous sarcoma virus and adenovirus proteins, transducin, and beta- and gamma-crystallins. Crabbe MJ. **Biosci Rep** 1985 Feb;5(2):167-74

Surface membrane glycoproteins of wild-type and differentiation-inducer-resistant HL-60 cells. Felsted RL, et al. **Blood** 1985 Sep;66(3):606-13

Cell-bound autologous immunoglobulin in erythrocyte subpopulations from patients with sickle cell disease. Green GA, et al. **Blood** 1985 May;65(5):1127-33

Quantitation of membrane glycoprotein IIIa on intact human platelets using the monoclonal antibody, AP-3. Newman PJ, et al. **Blood** 1985 Jan;65(1):227-32

Residual amounts of glycoproteins IIb and IIIa may be present in the platelets of most patients with Glanzmann's thrombasthenia. Nurden AT, et al. **Blood** 1985 Apr; 65(4):1021-4

The prognostic value of the monoclonal antibodies HMFG1 and HMFG2 in breast cancer. Berry N, et al. **Br J Cancer** 1985 Feb;51(2):179-86

Intercellular canaliculi in eccrine sweat glands: an immunoperoxidase study. Graham RM, et al. **Br J Dermatol** 1985 Apr;112(4):397-403

Desmoplastic trichoepithelioma: clinico-pathological features and immunohistochemical study of the basement membrane proteins, laminin and type IV collagen. Kallioinen M, et al. **Br J Dermatol** 1984 Nov;111(5):571-7

Normal content of brain spectrin-like protein in sph/sph mice. Casoria LA, et al. **Br J Haematol** 1984 Oct; 58(2):277-88

Platelet membrane glycoprotein abnormalities in patients with myeloproliferative disorders and secondary thrombocytosis. Clezardin P, et al. **Br J Haematol** 1985 Jun;60(2):331-44

Cell surface proteins of cerebellar interneurones and astrocytes cultured in chemically defined and serum-supplemented media. Gallo V, et al. **Brain Res** 1985 Jan;349(1-2):27-37

Membrane proteins and glycoproteins specific to central nervous system axons and growth cones. Schlosshauer B. **Brain Res** 1985 Apr;351(2):237-44

Effect of estradiol on nonmalignant human mammary cells in primary culture. Chambon M, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5733-43

Cell surface features associated with differentiation-induction of methylcholanthrene-transformed AKR-2B fibroblasts by N,N-dimethylformamide. Marks ME, et al. **Cancer Res** 1985 Mar;45(3):1276-84

A phosphoglycoprotein associated with taxol resistance in J774.2 cells. Roy SN, et al. **Cancer Res** 1985 Aug; 45(8):3856-63

Changes in cell surface glycoproteins and antigens during differentiation of the human myeloid leukemia cell lines ML-1, ML-2, and HL-60. Stöckbauer P, et al. **Cancer Res** 1985 Jun;45(6):2821-6

A protein homologous to the 27,000 dalton liver gap junction protein is present in a wide variety of species and tissues. Hertzberg EL, et al. **Cell** 1984 Nov;39(1):61-9

The patterns of expression of two ankyrin isoforms demonstrate distinct steps in the assembly of the membrane skeleton in neuronal morphogenesis. Nelson WJ, et al. **Cell** 1984 Dec;39(2 Pt 1):309-20

Identification and localization of synaptophysin, an integral membrane glycoprotein of Mr 38,000 characteristic of presynaptic vesicles. Wiedenmann B, et al. **Cell** 1985 Jul; 41(3):1017-28

Characterization of a plasma membrane protein present in non-myelin-forming PNS and CNS glia, a subpopulation of PNS neurons, perineurial cells and smooth muscle in adult rats. Mirsky R, et al. **Cell Tissue Res** 1985; 240(3):723-33

Heterogeneity of chicken photoreceptors as defined by hybridoma supernatants. An immunocytochemical study. Szél A, et al. **Cell Tissue Res** 1985;240(3):735-41

Human syncytiotrophoblast membrane proteins defined using a heterologous antiserum. Whyte A, et al. **Clin Exp Immunol** 1985 Jan;59(1):227-34

A preliminary analysis of the membrane proteins of arthritis-causing Yersinia. Hill JL, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):285-91

Red cell membrane biology—introduction. Schrier SL. **Clin Haematol** 1985 Feb;14(1):1-12 (59 ref.)

Comparative study of the major glycoproteins of the plasma membrane and secretory granule membranes of porcine platelets. Grinstein S, et al. **Comp Biochem Physiol [B]** 1984; 78(3):657-62

Expression of a glucose-regulated cell surface protein in early mouse embryos. McCormick PJ, et al. **Dev Biol** 1984 Oct; 105(2):530-4

Distribution of vimentin, cytokeratins, and desmosomal-plaque proteins in human nephroblastoma as revealed by specific antibodies: co-existence of cell groups of different degrees of epithelial differentiation. Denk H, et al. **Differentiation** 1985;29(1):88-97

Development of cell surface polarity in the epithelial Madin-Darby canine kidney (MDCK) cell line. Balcarova-Ständer J, et al. **EMBO J** 1984 Nov; 3(11):2687-94

A 135-kd membrane protein of intercellular adherens junctions. Volk T, et al. **EMBO J** 1984 Oct;3(10):2249-60

Dynamic properties of the backbone of an integral membrane polypeptide measured by 2H-NMR. Pauls KP, et al. **Eur Biophys J** 1985;12(1):1-11

Intermediate filament and associated proteins in the human heart: an immunofluorescence study of normal and pathological hearts. Thornell LE, et al. **Eur Heart J** 1984 Dec;5 Suppl F:231-41

Characterization of the bovine lens plasma membrane substrates for cAMP-dependent protein kinase. Louis CF, et al. **Eur J Biochem** 1985 Jul 15;150(2):279-86

Identification of the calmodulin-binding components in bovine lens plasma membranes. Louis CF, et al. **Eur J Biochem** 1985 Jul 15;150(2):271-8

New plasma membrane proteins expressed by a high metastatic variant of a chemically induced tumor. Altevogt P, et al. **Eur J Cancer Clin Oncol** 1984 Sep;20(9):1155-62

Micromere-specific cell surface proteins of 16-cell stage sea urchin embryos. De Simone DW, et al. **Exp Cell Res** 1985 Jan;156(1):7-14

A monoclonal antibody identifies a glycoprotein complex involved in cell-substratum adhesion. Knudsen KA, et al. **Exp Cell Res** 1985 Mar;157(1):218-26

Expression of meta-vinculin associated with differentiation of chicken embryonal muscle cells. Saga S, et al. **Exp Cell Res** 1985 Jan;156(1):45-56

Biochemical and histochemical characteristics of proteins homologous to calf lens membrane proteins with high calcium-binding capacity. van den Eijnden-van Raaij AJ, et al. **Exp Cell Res** 1985 Aug;159(2):519-30

Identification of some plasma membrane proteins of cultured rat pigment epithelial cells by labeling with 125I. Clark VM, et al. **Exp Eye Res** 1984 Nov;39(5):611-28

Tightly bound fatty acids in the erythrocyte membrane proteins in myotonic dystrophy. Antoku Y, et al. **Exp Neurol** 1985 Feb;87(2):206-11

Sequence analysis of peptide fragments from the intrinsic membrane protein of calf lens fibers MP26 and its natural maturation product MP22. Do Ngoc L, et al. **FEBS Lett** 1985 Feb 11;181(1):74-8

Immunological study on the wall proteins of different fruting portions in Pleurotus ostreatus (Jacq. ex Fr.) Kummer and Agaricus bisporus (Lge.) Sing. Tedesco G, et al. **G Batteriol Virol Immunol** 1983 Jul-Dec;76(7-12):200-6

Cell membrane glycoproteins and Langerhans cells. Murphy GF. **Hum Pathol** 1985 Feb;16(2):103-12 (119 ref.)

Immunochemical characterization of a protein associated with Mycobacterium leprae cell wall. Gillis TP, et al. **Infect Immun** 1985 Aug;49(2):371-7

Differences in expression and exposure of promastigote and amastigote membrane molecules in Leishmania tropica. Sadick MD, et al. **Infect Immun** 1985 Feb;47(2):395-400

Response of Neisseria gonorrhoeae to iron limitation: alterations in expression of membrane proteins without apparent siderophore production. West SE, et al. **Infect Immun** 1985 Feb;47(2):388-94

Biologic and biochemical differences between in vitro and in vivo passaged Friend erythroleukemia cells. II. Changes in cell surface glycoproteins associated with a highly malignant phenotype. Amici C, et al. **Int J Cancer** 1984 Sep 15;34(3):397-402

Human tumor cell membrane glycoprotein associated with protein kinase activity. Seehafer J, et al. **Int J Cancer** 1984 Dec 15;34(6):815-9

Rabbit corneal endothelial cell surface glycoproteins. Panjwani N, et al. **Invest Ophthalmol Vis Sci** 1985 Apr; 26(4):450-6

Acylated proteins in Acholeplasma laidlawii. Dahl CE, et al. **J Bacteriol** 1985 Apr;162(1):445-7

Membrane proteins correlated with expression of the polysialic acid capsule in Escherichia coli K1. Whitfield C, et al. **J Bacteriol** 1985 Feb;161(2):743-9

Trypanosoma brucei variant surface glycoprotein has a sn-1,2-dimyristyl glycerol membrane anchor at its COOH terminus. Ferguson MA, et al. **J Biol Chem** 1985 Apr 25; 260(8):4963-8

Identification and characterization of some bacterial membrane sulfhydryl groups which are targets of bacteriostatic and antibiotic action. Morris SL, et al. **J Biol Chem** 1984 Nov 10;259(21):13590-4

The Mr 28,000 gap junction proteins from rat heart and liver are different but related. Nicholson BJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6514-7

Chromogranin, an integral membrane protein. Settleman J, et al. **J Biol Chem** 1985 Feb 10;260(3):1641-4

Reconstitution studies of the human erythrocyte nucleoside transporter. Tse CM, et al. **J Biol Chem** 1985 Mar 25; 260(6):3506-11

Identification of storage protein receptor and its precursor in the fat body membrane of Sarcophaga peregrina. Ueno K, et al. **J Biol Chem** 1984 Oct 10;259(19):12107-11

Penetration of C8 and C9 in the C5b-9 complex across the erythrocyte membrane into the cytoplasmic space. Whitlow MB, et al. **J Biol Chem** 1985 Jan 25; 260(2):998-1005

Characterization of a 140Kd cell surface glycoprotein involved in myoblast adhesion. Chapman AE. **J Cell Biochem** 1984;25(2):109-21

Cell-adhesion molecule uvomorulin is localized in the intermediate junctions of adult intestinal epithelial cells. Boller K, et al. **J Cell Biol** 1985 Jan;100(1):327-32

Characterization of an apically derived epithelial membrane glycoprotein from bovine milk, which is expressed in capillary endothelia in diverse tissues. Greenwalt DE, et al. **J Cell Biol** 1985 Feb;100(2):397-408

Sperm surface proteins persist after fertilization. Gundersen GG, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1343-53

Identification of rat hepatocyte plasma membrane proteins using monoclonal antibodies. Hubbard AL, et al. **J Cell Biol** 1985 Apr;100(4):1115-25

Antibodies against lysosomal membranes reveal a 100,000-mol-wt protein that cross-reacts with purified H+,K+ ATPase from gastric mucosa. Reggio H, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1511-26

Characterization of a 36,000-dalton protein from the surface of Madin-Darby canine kidney cells involved in cell attachment and spreading. Sabanero M, et al. **J Cell Biol** 1985 Jun;100(6):2001-7

Junctions between lens fiber cells are labeled with a monoclonal antibody shown to be specific for MP26. Sas

DF, et al. **J Cell Biol** 1985 Jan;100(1):216-25

Platelet-collagen adhesion: inhibition by a monoclonal antibody that binds glycoprotein IIb. Shadle PJ, et al. **J Cell Biol** 1984 Dec;99(6):2056-60

Changes in the distribution of a spectrin-like protein during development of the preimplantation mouse embryo. Sobel JS, et al. **J Cell Biol** 1985 Jan;100(1):333-6

Topography of protein kinases and phosphoproteins in the plasma membrane of 3T3 cells. Boman BM, et al. **J Cell Physiol** 1984 Nov;121(2):357-67

Identification of desmosomal surface components (desmocollins) and inhibition of desmosome formation by specific Fab'. Cowin P, et al. **J Cell Sci** 1984 Aug;70:41-60

Incomplete contact site A glycoprotein in HL220, a modB mutant of Dictyostelium discoideum. Gerisch G, et al. **J Cell Sci** 1985 Feb;73:49-68

Analysis of membrane proteins by ion-exchange high-performance liquid chromatography. Ikigai H, et al. **J Chromatogr** 1985 Mar 29;322(1):212-9

Primary structure of human class II histocompatibility antigens. Reversed-phase high-performance liquid chromatography for integral membrane proteins. Kratzin HD, et al. **J Chromatogr** 1984 Aug 3;297:1-11

Localisation of Ca and HMFG2 antigens in breast tissue by immunoperoxidase, immunofluorescence, and immunoelectron microscopy. Beckford U, et al. **J Clin Pathol** 1985 May;38(5):512-20

Epithelial markers in prostatic, bladder, and colorectal cancer: an immunoperoxidase study of epithelial membrane antigen, carcinoembryonic antigen, and prostatic acid phosphatase. Heyderman E, et al. **J Clin Pathol** 1984 Dec;37(12):1363-9

Characterization of proteins in membrane vesicles from scrapie-infected hamster brain. Dees C, et al. **J Gen Virol** 1985 Apr;66 (Pt 4):851-9

Postfixation detergent treatment for immunofluorescence suppresses localization of some integral membrane proteins. Goldenthal KL, et al. **J Histochem Cytochem** 1985 Aug;33(8):813-20

Characterization of a membrane surface glycoprotein associated with T-cell activation. Sportsman JR, et al. **J Immunol** 1985 Jul;135(1):158-64

Basement membrane proteins, interstitial collagens, and fibronectin in neurofibroma. Fleischmajer R, et al. **J Invest Dermatol** 1985 Jul;85(1):54-9

Demonstration of T200 on human Langerhans cell surface membranes. Flotte TJ, et al. **J Invest Dermatol** 1984 May;82(5):535-7

Basement membrane and connective tissue proteins in early lesions of Kaposi's sarcoma associated with AIDS. Kramer RH, et al. **J Invest Dermatol** 1985 Jun;84(6):516-20

Analysis of the irregular planar distribution of proteins in membranes. Hui SW, et al. **J Microsc** 1985 Mar;137 (Pt 3):293-303

The isolation and characterization of Ca++-accumulating subcellular membrane fractions from cerebral arteries. Barry KJ, et al. **J Neurosurg** 1985 May;62(5):729-36

Structure, isolation, and protein composition of the pellicle of Sarcocystis muris cystozoites (Protozoa, Coccidia). Chbouki N, et al. **J Protozool** 1985 Feb;32(1):54-8

Epithelial membrane antigen and lymphoid cells [letter] **Lancet** 1985 Jan 12;1(8420):109-10

Human lymphoid cells express epithelial membrane antigen. Implications for diagnosis of human neoplasms. Delsol G, et al. **Lancet** 1984 Nov 17;2(8412):1124-9

Evidence that the major surface proteins of three Leishmania species are structurally related. Etges RJ, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):141-9

An evaluation of different methods for labelling the surface of the filarial nematode Brugia pahangi with 125iodine. Marshall E, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):295-304

Comparison of membrane-associated proteins of murine cytolytic and helper cloned T-cell lines: identification of a protein, p24, prominent in membrane fractions from cytolytic but not helper T-cells. Dick MD, et al. **Mol Immunol** 1985 Jul;22(7):741-55

Vitamin B12 deficiency alters the distribution of membrane proteins on linear sucrose gradients in the fruit bat brain. McLoughlin JL, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):175-80

Altered fucosylation of membrane glycoproteins from cystic fibrosis fibroblasts. Scanlin TF, et al. **Pediatr Res** 1985 Apr;19(4):368-74

The 64-kilodalton membrane protein of Bacillus subtilis is also present as a multiprotein complex on membrane-free ribosomes. Caulfield MP, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7772-6

Identification of an additional class of C3-binding membrane proteins of human peripheral blood leukocytes and cell lines. Cole JL, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):859-63

Lumen formation and redistribution of inframembranous proteins during differentiation of ducts in the rat mammary gland. Dulbecco R, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5763-6

Amino acid sequence of the alpha subunit of transducin deduced from the cDNA sequence. Medynski DC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4311-5

Molecular aspects of basement membrane structure. Timpl R. **Prog Clin Biol Res** 1985;171:63-74 (25 ref.)

Expression of MAM-3 and MAM-6 antigens in endometrial and endocervical adenocarcinomas. Tsubura A, et al. **Virchows Arch** [A] 1985;407(1):59-67

The relationship to knobs of the 92,000 D protein specific for knobby strains of Plasmodium falciparum. Vernot-Hernandez JP, et al. **Z Parasitenkd** 1985;71(1):41-51

[Cell membrane research] Gahmberg CG, et al. **Duodecim** 1985;101(3):295-301 **(Fin)**

[Structure and biological activities of complex proteins of cell membrane] Furukawa K, et al. **Nippon Rinsho** 1985 Apr;43(4):681-6 (73 ref.) **(Jpn)**

[Study of cell membrane with x-ray diffraction analysis] Masaki N. **Nippon Rinsho** 1985 Apr;43(4):720-4 (29 ref.) **(Jpn)**

[Membrane surface proteins] Watanabe K. **Rinsho Byori** 1985 Apr;Spec No 62:69-81 (26 ref.) **(Jpn)**

[Molecular weight and state of assembly of membrane proteins: an approach from measurement of low-angle laser light scattering] Takagi T. **Seikagaku** 1985 Mar;57(3):202-8 **(Jpn)**

[Regulatory mechanism of mitochondrial H+-ATPase (F0F1)--inhibition of H+-ATPase activity by the intrinsic ATPase inhibitor] Hashimoto T, et al. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):610-21 (67 ref.) **(Jpn)**

[Fractionation of seminal and spermatozoal membrane proteins using polyacrylamide gel electrophoresis] Mit'kin VV. **Akush Ginekol (Mosk)** 1984 Dec;(12):57-8 **(Rus)**

[Primary structure of the OSCP protein that confers sensitivity to oligomycin on the mitochondrial H+-ATPase complex. I. Tryptic and cyanogen bromide peptides] Grinkevich VA, et al. **Bioorg Khim** 1985 Mar;11(3):321-33 (Eng. Abstr.) **(Rus)**

[Analysis of GTP-binding protein from the bovine retina. Complete amino acid sequence of the gamma-subunit] Ovchinnikov IuA, et al. **Bioorg Khim** 1984 Nov;10(11):1572-5 (Eng. Abstr.) **(Rus)**

[Polypeptide and phospholipid composition of the Rickettsia prowazekii membrane and its immunogenic properties] Zezerov EG, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):6-13 (Eng. Abstr.) **(Rus)**

[Comparative analysis of membrane glycoproteins of normal and chronic lymphatic leukemia B lymphocytes by lectins] de Dios I, et al. **Rev Esp Fisiol** 1985 Jun;41(2):211-6 (Eng. Abstr.) **(Spa)**

[The effect of thrombin on platelet membrane glycoproteins measured by lectins] Manso M, et al. **Sangre (Barc)** 1984;29(4-A):391-8 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Effects of amino acid and serum deprivation on protein synthesis and degradation in cultured Chinese hamster ovary cells. Scornik OA. **Acta Physiol Pharmacol Latinoam** 1984;34(2):215-7

Impaired plasma membrane glycoprotein assembly in the liver following acute ethanol administration. Mailliard ME, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):951-8

Proteins of the kidney microvillar membrane. Biosynthesis of endopeptidase-24.11, dipeptidylpeptidase IV and aminopeptidases N and A in pig kidney slices. Stewart JR, et al. **Biochem J** 1984 Dec 1;224(2):549-58

In vitro synthesis and assembly of a 68 kDa outer mitochondrial membrane protein from rat liver. Noël C, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):35-42

Effect of a cold stimulus on the synthesis of uncoupling protein in brown adipose tissue of rats and newborn rabbits. Arnold J, et al. **Biosci Rep** 1985 Jan;5(1):57-62

Surface membrane expression by human blood leukocytes and platelets of decay-accelerating factor, a regulatory protein of the complement system. Nicholson-Weller A, et al. **Blood** 1985 May;65(5):1237-44

Bone marrow pre-B lymphocytes synthesize immunoglobulin mu chains of membrane type with different properties and intracellular pathways. Thorens B, et al. **EMBO J** 1985 Feb;4(2):361-8

Physiological and morphological effects of overproduction of membrane-bound ATP synthase in Escherichia coli K-12. von Meyenburg K, et al. **EMBO J** 1984 Aug;3(8):1791-7

Total poly(A+)-messenger RNA from bovine lens cofractionates with sucrose purified fiber cell plasma membrane. Hentzen PC, et al. **Exp Eye Res** 1984 Jul;39(1):51-60

Rapid increase of mitochondrial uncoupling protein and its mRNA in stimulated brown adipose tissue. Use of a cDNA probe. Ricquier D, et al. **FEBS Lett** 1984 Dec 10;178(2):240-4

Kinetic analysis of the synthesis and assembly of type 1 fimbriae of Escherichia coli. Dodd DC, et al. **J Bacteriol** 1984 Oct;160(1):227-32

Human and bovine endothelial cells synthesize membrane proteins similar to human platelet glycoproteins IIb and IIIa. Fitzgerald LA, et al. **J Biol Chem** 1985 Sep 15;260(20):10893-6

Vascular endothelial cells synthesize a plasma membrane protein indistinguishable from the platelet membrane glycoprotein IIa. van Mourik JA, et al. **J Biol Chem** 1985 Sep 15;260(20):11300-6

Biosynthesis of membrane-derived oligosaccharides. Novel glucosyltransferase system from Escherichia coli for the elongation of beta 1----2-linked polyglucose chains. Weissborn AC, et al. **J Biol Chem** 1984 Oct 25;259(20):12644-51

Biosynthesis and assembly of the polysialic acid capsule in Escherichia coli K1. Activation of sialyl polymer synthesis in inactivate sialyltransferase complexes requires protein synthesis. Whitfield C, et al. **J Biol Chem** 1984 Oct 25;259(20):12776-80

Intracellular transport of membrane glycoproteins: two closely related histocompatibility antigens differ in their rates of transit to the cell surface. Williams DB, et al. **J Cell Biol** 1985 Sep;101(3):725-34

A comparison of protein synthetic patterns of MDCK cells grown in serum and hormonally defined serum-free medium. Jefferson DM, et al. **J Cell Physiol** 1985 Apr;123(1):126-31

Antagonistic effects of insulin and dexamethasone on glucose-regulated and heat shock protein synthesis. Kasambalides EJ, et al. **J Cell Physiol** 1985 May;123(2):283-7

An immunoelectron microscopic study on the distribution of a cell surface-associated adhesive glycoprotein synthesized by rat ascites hepatoma cells. Hattori R, et al. **J Cell Sci** 1984 Oct;71:95-109

Protein synthesis by isolated pachytene spermatocytes in the absence of Sertoli cells. Jutte NH, et al. **J Exp Zool** 1985 Feb;233(2):285-90

The human Ia-associated invariant chain is synthesized in Ia-negative B cell variants and is not expressed on the cell surface of both Ia-negative and Ia-positive parental cells. Accolla RS, et al. **J Immunol** 1985 May;134(5):3265-71

Interferon-beta enhances the synthesis of a 20,000-dalton membrane protein: a correlation with the cessation of cell growth. Knight E Jr, et al. **J Interferon Res** 1985 Spring;5(2):305-13

Differential expression and positioning of chemotaxis methylation proteins in Caulobacter. Gomes SL, et al. **J Mol Biol** 1984 Sep 25;178(3):551-68

Appearance of 170,000 dalton phosphoprotein in rat cells transformed by the adenovirus E1A gene. Akiyama T, et al. **Med Biol** 1984;62(5):295-8

Biosynthesis of two stage-specific membrane proteins during transformation of Plasmodium gallinaceum zygotes into ookinetes. Kumar N, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):127-39

Transport of ethanolamine and its incorporation into the variant surface glycoprotein of bloodstream forms of Trypanosoma brucei. Rifkin MR, et al. **Mol Biochem Parasitol** 1985 Jun;15(3):245-56

Synthesis of a major integral membrane polypeptide of rat liver peroxisomes on free polysomes. Fujiki Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7127-31

The intracellular pathway and assembly of newly formed variable surface glycoprotein of Trypanosoma brucei. Grab DJ, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7703-7

BLOOD

Human erythrocyte membrane proteins of zone 4.5 exist as families of related proteins. Whitfield CF, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):C70-9

Analysis of erythrocyte protein methyl esters by two-dimensional gel electrophoresis under acidic separating conditions. O'Connor CM, et al. **Anal Biochem** 1985 Jul;148(1):79-86

Accessibility of sulfhydryl residues induced by cytochalasin B binding and conformational dynamics in the human erythrocyte glucose transporter. Pinkofsky HB, et al. **Arch Biochem Biophys** 1985 Jul;240(1):94-101

Chemotaxis and surface glycoproteins of neutrophil granulocytes from patients with juvenile periodontitis. Larjava H, et al. **Arch Oral Biol** 1984;29(11):935-9

Complex formation of platelet membrane glycoproteins IIb and IIIa: a model of platelet activation. Nachman RL, et al. **Bibl Haematol** 1983;(49):127-30

Spin-labeled erythrocyte membranes: direct identification of nitroxide-conjugated proteins. Barber MJ, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):793-8

Effects of diamide and iodoacetamide on the expression of the glycoprotein IIb/IIIa complex on blood platelets. Johnston GI, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):822-7

The expression of glycoproteins on single blood platelets from healthy individuals and from patients with congenital bleeding disorders. Johnston GI, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1091-8

The interaction of calmodulin with erythrocyte membrane proteins. Husain A, et al. **Biochem Int** 1985 Jan;10(1):1-12

Red cell membrane proteins in insulin-dependent diabetes: differential effects of treatment with calcium and various proteases. Jones GL. **Biochem Med** 1984 Dec;32(3):398-403

Red cell membrane sialoglycoprotein beta in homozygous and heterozygous 4.1(-) hereditary elliptocytosis. Alloisio N, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):57-62

Activation of human neutrophil NADPH oxidase and lateral mobility of membrane proteins. A study with crosslinkers. Aviram I, et al. **Biochim Biophys Acta** 1984 Oct 12;805(2):227-31

Identification of membrane proteins of human blood platelets with a hydrophobic photolabel. Berkhout TA, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):298-304

The alteration of membrane proteins in human erythrocyte membranes induced by quinolinic acid, an endogenous neurotoxin. Correlation of effect with structure. Farmer

BT 2d, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):260-8

Vesicle release from rat red cell ghosts and increased association of cell membrane proteins with cytoskeletons induced by cadmium. Kunimoto M, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):37-45

Two-dimensional electrophoretic analysis of human erythrocyte cylindrin. Lande WM, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):105-11

Changes in the distribution of platelet membrane proteins revealed by energy transfer. Steiner M. **Biochim Biophys Acta** 1984 Sep 14;805(1):53-8

Some viscoelastic properties of human erythrocyte spectrin networks end-linked in vitro. Stokke BT, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):111-21

Effect of membrane protein concentration on binding of 3H-imipramine in human platelets. Barkai AI, et al. **Biol Psychiatry** 1985 Feb;20(2):215-9

The characterization of protein 4.1 Presles, a shortened variant of RBC membrane protein 4.1. Morlé L, et al. **Blood** 1985 Jun;65(6):1511-7

Distribution of glycoprotein IIb-IIIa complexes in the surface membranes of human platelets and megakaryocytes. Hourdille P, et al. **Br J Haematol** 1985 Jan;59(1):171-82

Leukocyte membrane proteins in chronic lymphocytic leukemia, as studied by two-dimensional gel electrophoresis. Willard-Gallo KE, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):2069-77

Identification and characterization of fragments of major glycoproteins from platelet membrane after chymotrypsin treatment. McGregor JL, et al. **Eur J Biochem** 1985 Apr 1;148(1):97-106

The large sialoglycoprotein of human lymphocytes. I. Distribution on T and B lineage cells as revealed by a monospecific chicken antibody. Axelsson B, et al. **Eur J Immunol** 1985 May;15(5):417-26

Electric-field-induced fusion of enzyme-treated human red cells: kinetics of intermembrane protein exchange. Donath E, et al. **Gen Physiol Biophys** 1984 Jun;3(3):239-49

Phosphorylation-dephosphorylation of membrane proteins of human erythrocytes. Moret V. **Ital J Biochem** 1984 Jul-Aug;33(4):233A-237A

Ca2+ transport across the platelet plasma membrane. A role for membrane glycoproteins IIB and IIIA. Brass LF. **J Biol Chem** 1985 Feb 25;260(4):2231-6

Structure of human platelet membrane glycoproteins IIb and IIIa as determined by electron microscopy. Carrell NA, et al. **J Biol Chem** 1985 Feb 10;260(3):1743-9

Effect of bilayer cholesterol content on reconstituted human erythrocyte sugar transporter activity. Connolly TJ, et al. **J Biol Chem** 1985 Mar 10;260(5):2617-20

Purification of a human plasma membrane glycoprotein from human red blood cells by affinity chromatography using a monoclonal antibody. McIlhinney RA, et al. **J Biol Chem** 1985 Jan 10;260(1):489-94

On the association of glycoprotein Ib and actin-binding protein in human platelets. Okita JR, et al. **J Cell Biol** 1985 Jan;100(1):317-21

Human neutrophil elastase modulates platelet function by limited proteolysis of membrane glycoproteins. Brower MS, et al. **J Clin Invest** 1985 Feb;75(2):657-66

Abnormal redox status of membrane-protein thiols in sickle erythrocytes. Rank BH, et al. **J Clin Invest** 1985 May;75(5):1531-7

Defective expression of neutrophil membrane proteins in patients with rheumatoid arthritis. Spisani S, et al. **J Clin Lab Immunol** 1985 Feb;16(2):77-9

Absence of platelet membrane glycoproteins IIb/IIIa from monocytes. Clemetson KJ, et al. **J Exp Med** 1985 May 1;161(5):972-83

Lectin-mediated binding of liposome-inserted membrane proteins to red blood cells. A method to detect binding of antibodies to purified rat histocompatibility antigen or binding of insulin to the insulin receptor. Eriksson H, et al. **J Immunol Methods** 1984 Dec 14;75(1):167-79

Isolation of D-aspartic acid beta-methyl ester from erythrocyte carboxyl methylated proteins. Clarke S, et al. **Methods Enzymol** 1984;106:330-44

Erythrocyte membrane skeletal protein 4.1: a brief review. Goodman SR, et al. **Prog Clin Biol Res** 1984;165:415-39 (47 ref.)

The use of functional and quantitative assays to study glycoprotein Ib in platelets stored under various in vitro conditions. Taylor MA, et al. **Thromb Haemost** 1984 Dec 29;52(3):271-5

Quantitation of platelet membrane glycoproteins in Glanzmann's thrombasthenia and the Bernard-Soulier syndrome by electroimmunoassay. Kristopeit SM, et al. **Thromb Res** 1984 Oct 15;36(2):133-42

[Molecular-anatomical studies in biochemical genetics] Shishkin SS. **Vestn Akad Med Nauk SSSR** 1985;(1):78-84 (79 ref.) **(Rus)**

DEFICIENCY

Immune abnormalities in patients lacking a lymphocyte surface glycoprotein. Parkman R, et al. **Clin Immunol Immunopathol** 1984 Dec;33(3):363-70

The erythrocyte membrane skeleton: pathophysiology. Shohet SB, et al. **Hosp Pract [Off]** 1984 Nov;19(11):89-95, 99, 103 passim

Deficiency of the complement regulatory protein, 'decay-accelerating factor,' on membranes of granulocytes, monocytes, and platelets in paroxysmal nocturnal hemoglobinuria. Nicholson-Weller A, et al. **N Engl J Med** 1985 Apr 25;312(17):1091-7

DIAGNOSTIC USE

[Visualization of malignant tumors in the abdomen using radiolabelled monoclonal antibodies] Pateisky N, et al. **Geburtshilfe Frauenheilkd** 1984 Oct;44(10):623-6 (Eng. Abstr.) **(Ger)**

GENETICS

Molecular genetics of Torpedo marmorata acetylcholine receptor. Devillers-Thiery A, et al. **Adv Exp Med Biol** 1984;181:17-29

Partial cDNA sequence of the gamma subunit of transducin. Van Dop C, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):250-5

A variant of erythrocyte membrane skeletal protein band 4.1 associated with hereditary elliptocytosis. Garbarz M, et al. **Blood** 1984 Nov;64(5):1006-15

Two simultaneously active VSG gene transcription units in a single Trypanosoma brucei variant. Cornelissen AW, et al. **Cell** 1985 Jul;41(3):825-32

The isolation and nucleotide sequence of a cDNA encoding the T cell surface protein T4: a new member of the immunoglobulin gene family. Maddon PJ, et al. **Cell** 1985 Aug;42(1):93-104

Molecular cloning and sequencing of cDNA for yeast porin, an outer mitochondrial membrane protein: a search for targeting signal in the primary structure. Mihara K, et al. **EMBO J** 1985 Mar;4(3):769-74

Surface proteins of Mycoplasma hyopneumoniae identified from an Escherichia coli expression plasmid library. Klinkert MQ, et al. **Infect Immun** 1985 Aug;49(2):329-35

Genetics of methyl-accepting chemotaxis proteins in Escherichia coli: cheD mutations affect the structure and function of the Tsr transducer. Callahan AM, et al. **J Bacteriol** 1985 Jan;161(1):96-104

Genetic characterization and partial sequence determination of a Treponema pallidum operon expressing two immunogenic membrane proteins in Escherichia coli. Hansen EB, et al. **J Bacteriol** 1985 Jun;162(3):1227-37

Aberrant regulation of methylesterase activity in cheD chemotaxis mutants of Escherichia coli. Kehry MR, et al. **J Bacteriol** 1985 Jan;161(1):105-12

Overexpression and sequence of the Escherichia coli cheY gene and biochemical activities of the CheY protein. Matsumura P, et al. **J Bacteriol** 1984 Oct;160(1):36-41

Chemotactic transducer proteins of Escherichia coli exhibit homology with methyl-accepting proteins from distantly related bacteria. Nowlin DM, et al. **J Bacteriol** 1985 Jul;163(1):262-6

Genetics of methyl-accepting chemotaxis proteins in Escherichia coli: null phenotypes of the tar and tap genes. Slocum MK, et al. **J Bacteriol** 1985 Aug;163(2):586-94

Phosphate-specific transport system of Escherichia coli: nucleotide sequence and gene-polypeptide relationships. Surin BP, et al. **J Bacteriol** 1985 Jan;161(1):189-98

Genetic evidence for substrate and periplasmic-binding-protein recognition by the MalF and MalG proteins, cytoplasmic membrane components of the Escherichia coli maltose transport system. Treptow NA, et al. **J Bacteriol** 1985 Aug;163(2):654-60

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. II. Rat liver microsomal subfractions contain equimolar amounts of ribophorins and ribosomes. Marcantonio EE, et al. **J Cell Biol** 1984 Dec;99(6):2254-9

Sorting of an apical plasma membrane glycoprotein occurs before it reaches the cell surface in cultured epithelial cells. Matlin KS, et al. **J Cell Biol** 1984 Dec;99(6):2131-9

Tissue-specific expression of distinct spectrin and ankyrin transcripts in erythroid and nonerythroid cells. Moon RT, et al. **J Cell Biol** 1985 Jan;100(1):152-60

Two related but differentially expressed potential membrane proteins encoded by the EcoRI Dhet region of Epstein-Barr virus B95-8. Hudson GS, et al. **J Virol** 1985 Feb;53(2):528-35

Organization of the MAL loci of Saccharomyces. Physical identification and functional characterization of three genes at the MAL6 locus. Cohen JD, et al. **MGG** 1985;200(1):1-8

Cloning and analysis of Trypanosoma (Nannomonas) congolense ILNat 2.1 VSG gene. Majiwa PA, et al. **Mol Biochem Parasitol** 1985 Jun;16(1):97-108

Primary structure of Electrophorus electricus sodium channel deduced from cDNA sequence. Noda M, et al. **Nature** 1984 Nov 8-14;312(5990):121-7

And now the sodium channel [news] Stevens CF. **Nature** 1984 Nov 8-14;312(5990):98-9

Molecular approach to thermogenesis in brown adipose tissue: cDNA cloning of the mitochondrial uncoupling protein. Bouillaud F, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):445-8

A membrane protein encoded by Epstein-Barr virus in latent growth-transforming infection. Hennessy K, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7207-11

Isolation and characterization of a cDNA clone for the gamma subunit of bovine retinal transducin. Hurley JB, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):6948-52

Chimeric chemosensory transducers of Escherichia coli. Krikos A, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1326-30

An immunological method for detecting gene expression in yeast colonies. Lyons S, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7426-30

Nucleotide sequence of the G protein gene of human respiratory syncytial virus reveals an unusual type of viral membrane protein. Wertz GW, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4075-9

Regulation of a hybrid gene by glucose and temperature in hamster fibroblasts. Attenello JW, et al. **Science** 1984 Oct 12;226(4671):187-90

Sequence of the alpha subunit of photoreceptor G protein: homologies between transducin, ras, and elongation factors. Lochrie MA, et al: **Science** 1985 Apr 5;228(4695):96-9

A hydrophobic transmembrane segment at the carboxyl terminus of thy-1. Seki T, et al. **Science** 1985 Feb 8;227(4687):649-51

IMMUNOLOGY

Cell-cell contact proteins in antigen-specific and antigen-nonspecific cellular cytotoxicity. Sitkovsky MV, et al. **Adv Exp Med Biol** 1985;184:429-49

Characterization of cell surface glycoproteins recognized by the granulocyte-specific monoclonal antibody, AHN-1. Skubitz KM, et al. **Arch Biochem Biophys** 1985 Apr;238(1):263-71

Chordoma. Antibodies to epithelial membrane antigen and carcinoembryonic antigen in differential diagnosis. Miettinen M. **Arch Pathol Lab Med** 1984 Nov;108(11):891-2

Antibody to a synthetic peptide detects a conserved region of retrovirus transmembrane proteins. Copeland TD, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):672-7

Specific antibodies to PAS IV, a glycoprotein of bovine milk-fat-globule membrane, bind to a similar protein in cardiac endothelial cells and epithelial cells of lung bronchioles. Greenwalt DE, et al. **Biochem J** 1985 May 15;228(1):233-40

Cryptic I antigen activity and Mycoplasma pneumoniae-receptor activity associated with sialoglycoprotein GP-2 of bovine erythrocyte membranes. Feizi T, et al. **Biosci Rep** 1984 Sep;4(9):743-9

Cell-lineage antigens of the stem cell-megakaryocyte-platelet lineage are associated with the platelet IIb-IIIa glycoprotein complex. Berridge MV, et al. **Blood** 1985 Jul;66(1):76-85

Platelets contain proteins immunologically related to red cell spectrin and protein 4.1. Davies GE, et al. **Blood** 1985 Jan;65(1):52-9

Identification of platelet proteins that bind alloantibodies and autoantibodies. Devine DV, et al. **Blood** 1984 Dec;64(6):1240-5

Monoclonal antibodies to human platelet glycoprotein IIb beta that initiate distinct platelet responses. Jennings LK, et al. **Blood** 1985 May;65(5):1112-9

Glycoprotein IIb-IIIa complex and Ca2+ influx into stimulated platelets. Powling MJ, et al. **Blood** 1985 Sep;66(3):731-4

The human platelet membrane glycoprotein complex GP IIb-IIIa expresses antigenic sites not exposed on the dissociated glycoproteins. Rosa JP, et al. **Blood** 1984 Dec;64(6):1246-53

The biochemistry of the surface antigens of the African trypanosomes. Turner MJ. **Br Med Bull** 1985 Apr;41(2):137-43 (69 ref.)

Monoclonal antibodies reveal sagittal banding in the rodent cerebellar cortex. Hawkes R, et al. **Brain Res** 1985 May 6;333(2):359-65

Immunological studies of the uncoupling protein of brown adipose tissue. Afong M, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):96-101

Identification of target proteins participating in a lectin-dependent macrophage-mediated cytotoxic reaction. Ohkuma Y, et al. **Cancer Res** 1985 Jan;45(1):288-92

A monoclonal antibody to a rat hepato-renal membrane antigen. Tamakoshi K, et al. **Clin Exp Immunol** 1985 May;60(2):373-80

Cytotoxic T cells directed against HLA-DR antigens and their surface proteins. Burakoff SJ, et al. **Diagn Immunol** 1983;1(3):116-9

The T3/T cell receptor complex: antigenic distinction between the two 20-kd T3 (T3-delta and T3-epsilon) subunits. Pessano S, et al. **EMBO J** 1985 Feb;4(2):337-44

Monoclonal antibodies prepared against PAS-I butyrophilin and GP-55 from guinea-pig milk-fat-globule membrane bind specifically to the apical pole of secretory-epithelial cells in lactating mammary tissue. Johnson VG, et al. **Exp Cell Res** 1985 May;158(1):144-58

Immunolocalization of a sperm membrane protein in human male reproductive organs. Yan YC, et al. **Fertil Steril** 1984 Oct;42(4):614-7

Epithelial membrane antigen--a diagnostic discriminant in surgical pathology: immunohistochemical profile in epithelial, mesenchymal, and hematopoietic neoplasms using paraffin sections and monoclonal antibodies. Pinkus GS, et al. **Hum Pathol** 1985 Sep;16(9):929-40

Monoclonal antibodies specific for a tumor-associated membrane phosphoprotein in human cell hybrids. Bicknell DC, et al. **Hybridoma** 1985 Summer 4(2):143-52

Induction of tolerance by haptenated liposomes carrying mouse erythrocyte membrane glycoprotein. Hitsumoto Y, et al. **Immunology** 1984 Dec;53(4):847-54

Type and group specific antigenic reactivity associated with the major membrane protein of murine mammary tumor virus. Chiplunkar SV, et al. **Indian J Exp Biol** 1984 Dec; 22(12):657-61

Murine monoclonal antibodies reactive with human heart and group A streptococcal membrane antigens. Cunningham MW, et al. **Infect Immun** 1984 Oct;46(1):34-41

Endogenous and exogenous domain markers of the rat hepatocyte plasma membrane. Bartles JR, et al. **J Cell Biol** 1985 Apr;100(4):1126-38

Individual neural cell types express immunologically distinct N-CAM forms. Williams RK, et al. **J Cell Biol** 1985 Jul; 101(1):36-42

Platelet membrane glycoprotein IIIa contains target antigens that bind anti-platelet antibodies in immune thrombocytopenias. Beardsley DS, et al. **J Clin Invest** 1984 Nov;74(5):1701-7

A new murine monoclonal antibody reports an activation-dependent change in the conformation and/or microenvironment of the platelet glycoprotein IIb/IIIa complex. Coller BS. **J Clin Invest** 1985 Jul;76(1):101-8

A monoclonal antibody to human platelet glycoprotein IIIa detects a related protein in cultured human endothelial cells. Thiagarajan P, et al. **J Clin Invest** 1985 Mar; 75(3):896-901

Use of antibodies to carcinoembryonic antigen and human milk fat globule to distinguish carcinoma, mesothelioma, and reactive mesothelium. Marshall RJ, et al. **J Clin Pathol** 1984 Nov;37(11):1215-21

Immunocytochemical reaction of Ca1 and HMFG2 monoclonal antibodies with cells from serous effusions. Singer S, et al. **J Clin Pathol** 1985 Feb;38(2):180-4

Human autoantibodies against a desmosomal core protein in pemphigus foliaceus. Koulu L, et al. **J Exp Med** 1984 Nov 1;160(5):1509-18

Enzyme immunoassay of antibodies to epithelial glycoprotein: increased level of antibodies in coeliac disease. Teppo AM, et al. **J Immunol Methods** 1984 Nov 30;74(2):327-36

Chronic active hepatitis associated with polymyositis. Association with precipitating mitochondrial M-B antibody. Bradley JD, et al. **J Rheumatol** 1985 Apr; 12(2):368-71

Monoclonal antibodies to epithelial membrane antigen and human milk fat globule mucin define epitopes expressed on other molecules. Taylor-Papadimitriou J, et al. **Lancet** 1985 Feb 23;1(8426):458

Identification of a membrane glycoprotein associated with haemopoietic progenitor cells. Katz FE, et al. **Leuk Res** 1985;9(2):191-8

Identification of monoclonal antibodies against the trypomastigote stage of Trypanosoma cruzi by use of iminobiotinylated surface polypeptides. Beard CA, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):199-212

Topological analysis of antigenic determinants on a variant surface glycoprotein of Trypanosoma brucei. Miller EN, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):67-81

Glycoprotein PAS-0 from the milk fat globule membrane carries antigenic determinants for epithelial membrane antigen. Ormerod MG, et al. **Mol Immunol** 1985 Mar; 22(3):265-9

Recognition by a mouse monoclonal antibody of a glycoprotein antigen of rat brain which is expressed intracellularly by neurons. Webb M, et al. **Neuroscience** 1984 Oct;13(2):583-94

Antibodies against the carboxyl-terminal 5-kDa peptide of the alpha subunit of transducin crossreact with the 40-kDa but not the 39-kDa guanine nucleotide binding protein from brain. Pines M, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4095-9

Monoclonal antibodies against human platelet membrane glycoproteins IIb-IIIa. II. Different effects on platelet function. Heinrich D, et al. **Thromb Res** 1985 Jun 1; 38(5):547-59

Generation of monoclonal antibodies to human milk-fat globule membrane antigens, with special reference to a precipitable secretory product of breast and ovarian carcinomas. Krohn K, et al. **Tumour Biol** 1985;6(1):13-23

Epithelial markers for paraffin-embedded human tissues. Immunohistochemistry with monoclonal antibodies against milk fat globule antigens. Zotter S, et al. **Virchows Arch [A]** 1985;406(2):237-51

ISOLATION & PURIFICATION

p215 and p24: two membrane-associated proteins expressed on cloned cytolytic T-cells but not on cloned helper T-cells. Gately MK, et al. **Adv Exp Med Biol** 1985; 184:401-13

Biochemical studies of human placental microvillous plasma membrane proteins. Webb PD, et al. **Am J Reprod Immunol Microbiol** 1985 Aug;8(4):113-9

On a basic 31 kDa muscle membrane protein in cattle and pig, presumably equivalent to the class II antigen associated p31 molecule. Thinnes FP, et al. **Anim Blood Groups Biochem Genet** 1984;15(3):181-9

Chemistry of gap junctions. Revel JP, et al. **Annu Rev Physiol** 1985;47:263-79 (122 ref.)

Thymopoietin radioreceptor assay utilizing lectin-purified glycoprotein from a biologically responsive T cell line. Audhya T, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):167-77

Characterization of transverse tubule membrane proteins: tentative identification of the Mg-ATPase. Okamoto VR, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):43-54

Partial purification and functional reconstitution of GDP sensitive brown adipose tissue mitochondria uncoupling protein using octyl glucoside. Strieleman PJ, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):509-16

Delipidization of membrane glycoproteins solubilized in acidified chloroform/methanol. Preparation of N-retinylidene opsin in a water soluble form without-detergent. Curtino JA, et al. **Biochem Int** 1985 Jul;11(1):107-15

Saccharomyces cerevisiae structural cell wall mannoprotein. Frevert J, et al. **Biochemistry** 1985 Jan 29;24(3):753-9

Phenyl-Sepharose-mediated detergent-exchange chromatography: its application to exchange of detergents bound to membrane proteins. Robinson NC, et al. **Biochemistry** 1984 Dec 4;23(25):6121-6

Identification of the milk fat globule membrane proteins. II. Isolation of major proteins from electrophoretic gels and comparison of their amino acid compositions. Basch JJ, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):127-35

Intramembranous particles are clustered on microvillus membrane vesicles. Rigler MW, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):131-41

Characterization and purification of a soluble protein controlling Ca-channel activity in paramecium. Haga N, et al. **Cell** 1984 Nov;39(1):71-8

Different aggregation properties of sea urchin embryonic cells at different developmental stages. I. Stage specificity of aggregation factors solubilized by butanol. Cervello M, et al. **Cell Biol Int Rep** 1984 Sep;8(9):787-95

Surface glycoproteins of cultured human umbilical vein endothelial cells. Hormia M. **Cell Biol Int Rep** 1985 Jul; 9(7):637-46

A comparison of the polypeptide composition of plasma membranes prepared from the white adipose tissue and adipocytes of the mouse, rat, rabbit, ox and chicken by a Percoll self-forming gradient procedure. Tume RK, et al. **Comp Biochem Physiol [B]** 1985;80(1):127-34

Purification and properties of 100-kd proteins from coated vesicles and their reconstitution with clathrin. Pearse BM, et al. **EMBO J** 1984 Sep;3(9):1951-7

Purification and preliminary characterization of the glycoprotein Ib complex in the human platelet membrane. Berndt MC, et al. **Eur J Biochem** 1985 Sep 16;151(3):637-49

Immunochemical analysis of rough and smooth microsomes from rat liver. Segregation of docking protein in rough membranes. Hortsch M, et al. **Eur J Biochem** 1985 Aug 1;150(3):559-64

Identification and characterization of the principal proteins of the fat-globule membrane from guinea-pig milk. Johnson VG, et al. **Eur J Biochem** 1985 Sep 2;151(2):237-44

Biochemical characterization of desmosomal proteins isolated from bovine muzzle epidermis: amino acid and carbohydrate composition. Kapprell HP, et al. **Eur J Cell Biol** 1985 Mar;36(2):217-29 (76 ref.)

Purification of liver and hepatoma membrane proteins by high-performance liquid chromatography. Josić D, et al. **FEBS Lett** 1985 Jun 3;185(1):182-6

Purification of a 175-kDa membrane protein, its localization in smooth and cardiac muscles. Interaction with cytoskeletal protein - vinculin. Koteliansky VE, et al. **FEBS Lett** 1985 Mar 11;182(1):67-72

Oligomycin sensitivity-conferring protein (OSCP) of beef heart mitochondria. Internal sequence homology and structural relationship with other proteins. Ovchinnikov YuA, et al. **FEBS Lett** 1984 Sep 17;175(1):109-12

The bacteriophage Mu gene B product is incorporated into the inner membrane of Escherichia coli. Schumann W, et al. **Gene** 1984 Jul-Aug;29(1-2):167-73

Isolation of a cytopathic factor from Mycoplasma hyopneumoniae. Geary SJ, et al. **Infect Immun** 1985 May; 48(2):576-8

Characterization and partial purification of human milk fat globule membrane antigens by polyacrylamide gel electrophoresis and immunoblotting using monoclonal antibodies. Ashorn P, et al. **Int J Cancer** 1985 Feb 15; 35(2):179-84

Biochemical and immunological properties of Coxiella burnetii cell wall and peptidoglycan-protein complex fractions. Amano K, et al. **J Bacteriol** 1984 Dec; 160(3):982-8

Protein on the cell surface of the moderately halophilic phototrophic bacterium Rhodospirillum salexigens. Evers D, et al. **J Bacteriol** 1984 Oct;160(1):107-11

Isolation of a membrane protein by chromatofocusing: cytochrome b-561 of the adrenal chromaffin granule. Wakefield LM, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):331-41

Value of heptyl-beta-D-thioglucoside, a new nonionic detergent, in studies on membrane proteins. Shimamoto T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1807-10

Use of n-octyl-beta-D-thioglucoside, a new nonionic detergent, for solubilization and reconstitution of membrane proteins. Tsuchiya T, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1593-7

The sodium channel from rat brain. Separation and characterization of subunits. Messner DJ, et al. **J Biol Chem** 1985 Sep 5;260(19):10597-604

Purification of the Mr 80,000 and Mr 210,000 proteins of the sea urchin sperm plasma membrane. Evidence that the Mr 210,000 protein interacts with egg jelly. Podell SB, et al. **J Biol Chem** 1985 Mar 10;260(5):2715-8

Triton X-100 extraction of P815 tumor cells: evidence for a plasma membrane skeleton structure. Apgar JR, et al. **J Cell Biol** 1985 May;100(5):1369-78

Identification of two lysosomal membrane glycoproteins. Chen JW, et al. **J Cell Biol** 1985 Jul;101(1):85-95

Identification of a 70,000-D protein in lens membrane junctional domains. Kistler J, et al. **J Cell Biol** 1985 Jul; 101(1):28-35

Isolation of a subpopulation of glycoprotein IIb-III from platelet membranes that is bound to membrane actin. Painter RG, et al. **J Cell Biol** 1985 Feb;100(2):652-7

Assembly of the sea urchin fertilization membrane: isolation of proteoliaisin, a calcium-dependent ovoperoxidase binding protein. Weidman PJ, et al. **J Cell Biol** 1985 Mar; 100(3):938-46

Solubilization of proteins from bovine brain coated vesicles by protein perturbants and Triton X-100. Wiedenmann B, et al. **J Cell Biol** 1985 Jul;101(1):12-8

Separation of plasma membrane proteins of cultured human fibroblasts by affinity chromatography on bonded microparticulate silicas. Kinkel JN, et al. **J Chromatogr** 1984 Aug 3;297:167-77

Partial purification of a membrane glycoprotein antigen by high-pressure size-exclusion chromatography without loss of antigenicity. Lambotte P, et al. **J Chromatogr** 1984 Aug 3;297:139-45

Fractionation of human red cell membrane proteins by ion-exchange chromatography in detergent on Mono Q, with special reference to the glucose transporter. Lundahl P, et al. **J Chromatogr** 1984 Aug 3;297:129-37

Tandem separation of labelled human blood platelet membrane glycoproteins by anion-exchange and gel fast protein liquid chromatography. McGregor JL, et al. **J Chromatogr** 1985 Jun 19;326:179-90

Use of a urea and guanidine-HCl-propanol solvent system to purify a growth inhibitory glycopeptide by high-performance liquid chromatography. Sharifi BG, et al. **J Chromatogr** 1985 May 17;324(1):173-80

Separation of flavivirus membrane and capsid proteins by multistep high-performance liquid chromatography optimized by immunological monitoring. Winkler G, et al. **J Chromatogr** 1985 Jun 19;326:113-9

Podoendin. A new cell surface protein of the podocyte and endothelium. Huang TW, et al. **J Exp Med** 1985 Jul 1; 162(1):245-67 (43 ref.)

Purification and distribution of a novel macrophage-specific calmodulin-binding glycoprotein. Orlow SJ, et al. **J Immunol** 1985 Jan;134(1):449-56

Identification of several cell surface proteins of non-T, non-B acute lymphoblastic leukemia by using monoclonal antibodies. Quackenbush EJ, et al. **J Immunol** 1985 Feb; 134(2):1276-85

Large-scale purification of Epstein-Barr virus membrane antigen gp340 with a monoclonal antibody immunoabsorbent. Randle BJ, et al. **J Immunol Methods** 1985 Feb 28;77(1):25-36

Functional reconstitution of lens gap junction proteins into proteoliposomes. Nikaido H, et al. **J Membr Biol** 1985; 85(1):87-92

Updated protocols and comments on the purification without use of activating ligands of the coupling proteins Ns and Ni of the hormone sensitive adenylyl cyclase. Codina J, et al. **J Recept Res** 1984;4(1-6):411-42

Affinity chromatography of cholinergic receptor proteins. Hopff WH, et al. **J Recept Res** 1984;4(1-6):219-29

Isolation, purification, and characterization of a mouse plasmacytoma cell surface glycoprotein involved in the resistance of the tumor cells to immune destruction. Rosenstein Y, et al. **JNCI** 1985 Mar;74(3):609-16

Alterations in the molecular weight distribution of proteins in rat brain synaptosomes during aging and centrophenoxine treatment of old rats. Nagy K, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):171-6

Identification and isolation of the primary aggregation factor from the cell membrane of the sponge Geodia cydonium. Müller WE, et al. **Mol Cell Biochem** 1985 May;67(1):55-64

Isolation of human sperm cell membrane glycoproteins. Saji F, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):801-2

Solubilization of a vectorial transmembrane receptor in functional form: aspartate receptor of chemotaxis. Bogonez E, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4891-5

Isolation of the non-glycosylated proteins of desmosomes and immunolocalization of a third plaque protein: desmoplakin III. Gorbsky G, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):810-4

A 38,000-dalton membrane protein (p38) present in synaptic vesicles. Jahn R, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4137-41

Photoaffinity labeling and characterization of the cloned purine-cytosine transport system in Saccharomyces cerevisiae. Schmidt R, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6276-80

Isolation and partial characterization of a fatty acid binding protein in rat liver plasma membranes. Stremmel W, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):4-8

Morphological changes in the basolateral membrane of the villus cells of the rat small intestine upon Triton X100 extraction. Schiechl H. **Z Mikrosk Anat Forsch** 1984; 98(5):746-54

Solubilization and partial purification of a cell surface component of Leishmania braziliensis. Misle JA, et al.

Z Parasitenkd 1985;71(4):419-28

METABOLISM

Effect of influenza virus on protein phosphorylation in isolated membranes of chick embryo cells. Križanová O, et al. **Acta Virol (Praha)** 1985 Jan;29(1):1-10

Mobility of proteins and lipids in membranes. Helmreich EJ, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984; 18:1-62 (375 ref.)

Membrane phospholipid metabolism and signal transduction for protein phosphorylation. Takai Y, et al. **Adv Cyclic Nucleotide Protein Phosphorylation Res** 1984; 18:119-58 (257 ref.)

Phosphoglucose-containing glycoproteins in intracellular trafficking and neuronal recognition. Marchase RB. **Adv Exp Med Biol** 1984;181:161-73

Solubilization and purification of an acetyl-LDL binding membrane protein from human leukocytes. Dresel HA, et al. **Agents Actions [Suppl]** 1984;16:153-61

Specific interaction of fatty acyl-CoA esters with brown adipose tissue mitochondria. Strieleman PJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 1):E699-705

Ethanol effect on the membrane protein pattern of Zymomonas mobilis. Michel GP, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):173-9

Alzheimer's disease: no alteration in the physical state of erythrocyte membrane glycoconjugates [letter] Butterfield DA, et al. **Ann Neurol** 1985 Jul;18(1):104-5

Alterations in membrane protein and phosphorylation pattern in beta-thalassemic red blood cells. Erusalimsky J, et al. **Ann NY Acad Sci** 1985;445:81-91

Mobility and localization of proteins in excitable membranes. Poo MM. **Annu Rev Neurosci** 1985;8:369-406 (232 ref.)

Surface-glycoprotein patterns of established human lung cancer cell lines and primary cultures. Bergh J, et al. **Anticancer Res** 1985 Jul-Aug;5(4):323-8

Identification and partial characterization of the xanthine oxidase transitions of the milk fat globule membrane. Burnier RC, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):60-9

Degradation of surface-labeled hepatoma membrane polypeptides: effect of inhibitors. Hare JF, et al. **Arch Biochem Biophys** 1984 Sep;233(2):547-55

Studies concerning a GTP regulatory subunit of rat luteal adenylate cyclase. McIlroy PJ, et al. **Arch Biochem Biophys** 1984 Sep;233(2):652-60

Disposition of polar and nonpolar residues on outer surfaces of transmembrane helical segments of proteins involved in proton translocation. Senior AE. **Arch Biochem Biophys** 1984 Oct;234(1):138-43

Turnover of membrane proteins: kinetics of induction and degradation of seven forms of rat liver microsomal cytochrome P-450, NADPH-cytochrome P-450 reductase, and epoxide hydrolase. Shiraki H, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):86-96

Protein conformational transitions in sarcoplasmic reticulum membranes. Arrondo JL, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1159-63

Effects of pertussis toxin-catalyzed ADP-ribosylation on interactions of transducin and the inhibitory GTP-binding protein of adenylate cyclase with guanyl nucleotides. Bruni P, et al. **Biochem Biophys Res Commun** 1985 Mar 29; 127(3):999-1006

Photolabeling of mitochondrial F1-ATPase by an azido derivative of the oligomycin-sensitivity conferring protein. Dupuis A, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):819-25

Fc-receptor mediated protein phosphorylation in murine peritoneal macrophages. Johnston PA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):197-202

Effect of Bordetella pertussis toxin on ADP-ribosylation of membrane proteins, adenylate cyclase activity and insulin release in rat pancreatic islets. Malaisse WJ, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):190-6

Calcitonin inhibits the phosphorylation of various proteins in rat brain synaptic membranes. Patel J, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):669-76

Enhanced phosphorylation of endogenous membrane proteins during induction of B lymphocyte proliferation. Ramanadham M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):544-50

Interaction of calmodulin and other calcium-modulated proteins with mammalian and arthropod junctional membrane proteins. Van Eldik LJ, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):825-32

Androgen-dependent peptides of the rat ventral prostate nuclear envelope. Venkatraman JT, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):469-74

Phosphorylation of membrane proteins in monensin-resistant mutant of Chinese hamster ovary cell with altered insulin-receptor activity. Ono M, et al. **Biochem Int** 1984 Sep;9(3):369-77

The stoichiometry of the exchange catalysed by the mitochondrial calcium/sodium antiporter. Brand MD. **Biochem J** 1985 Jul 1;229(1):161-6

Further evidence for the involvement of a membrane proteolytic step in insulin action. Cherqui G, et al. **Biochem J** 1985 Apr 1;227(1):137-47

Characterization of plasma-membrane glycoproteins from functional domains of the rat hepatocyte. Enrich C, et al. **Biochem J** 1985 Apr 15;227(2):565-72

Insulin inhibits the cholera-toxin-catalysed ribosylation of a Mr-25000 protein in rat liver plasma membranes. Heyworth CM, et al. **Biochem J** 1985 Jun 15;228(3):593-603

Phorbol ester stimulation of insulin release and secretory-granule protein phosphorylation in a transplantable rat insulinoma. Hutton JC, et al. **Biochem J** 1984 Dec 1;224(2):483-90

Effects of experimental nephrosis on basement-membrane components and enzymes of collagen biosynthesis in rat kidney. Jukkola A, et al. **Biochem J** 1985 Feb 15; 226(1):243-50

The effects of Triton X-100 and n-octyl beta-D-glucopyranoside on energy transfer in photosynthetic membranes. Murphy DJ, et al. **Biochem J** 1984 Dec 15;224(3):989-93

Association and release of the major intrinsic membrane glycoprotein from peripheral nerve myelin. Poduslo JF, et al. **Biochem J** 1985 May 15;228(1):43-54

The mitochondrial uncoupling protein from guinea-pig brown adipose tissue. Synchronous increase in structural and functional parameters during cold-adaptation. Rial E, et al. **Biochem J** 1984 Sep 15;222(3):685-93

Characteristics of n-octyl beta-D-thioglucopyranoside, a new non-ionic detergent useful for membrane biochemistry. Saito S, et al. **Biochem J** 1984 Sep 15; 222(3):829-32

Mannose 6-phosphate-specific receptor is a transmembrane protein with a C-terminal extension oriented towards the cytosol. von Figura K, et al. **Biochem J** 1985 Jan 15; 225(2):543-7

The relationship between pertussis-toxin-induced ADP-ribosylation of a plasma-membrane protein and reversal of muscarinic inhibition of prolactin secretion in GH3 cells. Wojcikiewicz RJ, et al. **Biochem J** 1984 Nov 15;224(1):339-42

Mechanisms regulating cell resistance to adriamycin. Evidence that drug accumulation in resistant cells is modulated by phosphorylation of a plasma membrane glycoprotein. Center MS. **Piochem Pharmacol** 1985 May 1;34(9):1471-6

2-Chloroadenosine, a permeant for the nucleoside transporter. Jarvis SM, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3237-41

Studies on the fluorescence labeling of human red blood cell membrane ghosts with 4'-(9-acridinylamino)methanesulfon-m-anisidide. Wong A, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3265-73

Thylakoid protein phosphorylation: in vitro and in vivo. Bennett J. **Biochem Soc Trans** 1984 Oct;12(5):771-4

Characterization of clathrin and clathrin-associated proteins. Ungewickell E. **Biochem Soc Trans** 1984 Dec;12(6):978-80

Kinetics of cholesterol and phospholipid exchange from membranes containing cross-linked proteins or cross-linked phosphatidylethanolamines. Bittman R, et al. **Biochemistry** 1985 Mar 12;24(6):1403-9

Membrane polypeptide in rabbit erythrocytes associated with the inhibition of L-lactate transport by a synthetic anhydride of lactic acid. Donovan JA, et al. **Biochemistry** 1985 Jan 29;24(3):561-4

Interactions between the oligomycin sensitivity conferring protein (OSCP) and beef heart mitochondrial F1-ATPase. 2. Identification of the interacting F1 subunits by cross-linking. Dupuis A, et al. **Biochemistry** 1985 Jan 29; 24(3):734-9

Interactions between the oligomycin sensitivity conferring protein (OSCP) and beef heart mitochondrial F1-ATPase. 1. Study of the binding parameters with a chemically radiolabeled OSCP. Dupuis A, et al. **Biochemistry** 1985 Jan 29;24(3):728-33

Spin-label studies of lipid-protein interactions in (Na+,K+)-ATPase membranes from rectal glands of Squalus acanthias. Esmann M, et al. **Biochemistry** 1985 Mar 12;24(6):1386-93

Processing of preproteins by liposomes bearing leader peptidase. Ohno-Iwashita Y, et al. **Biochemistry** 1984 Dec 4;23(25):6178-84

Interaction of the 43K protein with components of Torpedo postsynaptic membranes. Porter S, et al. **Biochemistry** 1985 Jan 15;24(2):425-32

Membrane binding properties of blood coagulation Factor V and derived peptides. Pusey ML, et al. **Biochemistry** 1984 Dec 4;23(25):6202-10

Membrane protein conformational change dependent on the hydrophobic environment. Wilson ML, et al. **Biochemistry** 1985 Apr 9;24(8):1920-8

Reduced transglutaminase-catalyzed cross-linking of exogenous amines to membrane proteins in sickle erythrocytes. Ballas SK, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):234-42

Synthesis of phospholipids containing photoactivatable carbene precursors in the headgroups and their crosslinking with membrane proteins. Burnett BK, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):57-67

Specificity of lipid-protein interactions as determined by spectroscopic techniques. Devaux PF, et al. **Biochim Biophys Acta** 1985 Jun 12;822(1):63-125 (247 ref.)

Proteolytic cleavages of cytochalasin B binding components of band 4.5 proteins of the human red blood cell membrane. Deziel MR, et al. **Biochim Biophys Acta** 1984 Sep 19; 776(1):10-20

A sensitive method to introduce membrane-bound proteins into recipient cells based on affinity enrichment of lipid vesicles to the recipient cell prior to fusion. Eriksson H, et al. **Biochim Biophys Acta** 1985 May 28;815(3):417-25

Fluorescence energy transfer between ionophore, A23187, and membrane proteins of isolated outer and cytoplasmic membranes of a Gram-negative bacterium. Hyono A, et al. **Biochim Biophys Acta** 1985 Feb 28;813(1):111-6

Phosphorylation of lens membranes with a cyclic AMP-dependent protein kinase purified from the bovine lens. Johnson KR, et al. **Biochim Biophys Acta** 1985 Mar 21;844(3):367-76

Membrane glycoprotein and surface free energy changes in hypoxic fibroblast cells. Johnstone SA, et al. **Biochim Biophys Acta** 1985 May 14;815(2):159-69

Lipid-protein interactions in frog rod outer segment disc membranes. Characterization by spin labels. Pates RD, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):389-97

Insulin effect on translational diffusion of lipids and proteins in the plasma membrane of isolated rat hepatocytes. Stuschke M, et al. **Biochim Biophys Acta** 1985 Jun 30; 845(3):436-44

Modulation of CALLA and HLA-DR on a non T non B leukemic cell line by lipid treatment. Martyre MC, et al. **Biol Cell** 1984;52(3):243-8

Characterization of (Ca2+ + Mg2+) adenosine triphosphatase activity and calcium transport in boar sperm plasma membrane vesicles and their relation to phosphorylation of plasma membrane proteins. Ashraf M, et al. **Biol Reprod** 1984 Dec;31(5):1061-71

A sulfated glycoprotein synthesized by Sertoli cells and by epididymal cells is a component of the sperm membrane. Sylvester SR, et al. **Biol Reprod** 1984 Dec;31(5):1087-101

Mattress model of lipid-protein interactions in membranes. Mouritsen OG, et al. **Biophys J** 1984 Aug;46(2):141-53

Evaluation of platelet glycoprotein Ib by fluorescence flow cytometry. Adelman B, et al. **Blood** 1985 Aug;66(2):423-7

Plasmin effect on platelet glycoprotein Ib-von Willebrand factor interactions. Adelman B, et al. **Blood** 1985 Jan; 65(1):32-40

Inhibitors of cholera toxin-induced adenosine diphosphate ribosylation of membrane-associated proteins block stem cell differentiation. Dexter TM, et al. **Blood** 1985 Jun; 65(6):1544-8

Fibrinogen competes with von Willebrand factor for binding to the glycoprotein IIb/IIIa complex when platelets are stimulated with thrombin. Gralnick HR, et al. **Blood** 1984 Oct;64(4):797-800

Effect of active site-modified thrombin on the hydrolysis of platelet-associated glycoprotein V by native thrombin. Knupp CL, et al. **Blood** 1985 Mar;65(3):578-83

Increased red cell calcium, decreased calcium adenosine triphosphatase, and altered membrane proteins during fava bean hemolysis in glucose-6-phosphate dehydrogenase-deficient (Mediterranean variant) individuals. Turrini F, et al. **Blood** 1985 Aug;66(2):302-5

Partial characterization of endogenous phosphorylation conditions for hen brain cytosolic and membrane proteins. Patton SE, et al. **Brain Res** 1985 Feb 25;328(1):1-14

Paget's disease of the nipple. Immunohistochemical localization of milk fat globule membrane antigens. Kirkham N, et al. **Cancer** 1985 Apr 1;55(7):1510-2

Phosphorylation of specific rat plasma membrane proteins during promotion of gamma-glutamyl transpeptidase-positive hepatic foci and inhibition by di(2-ethylhexyl)phthalate. DeAngelo AB, et al. **Cancer Res** 1985 Jun;45(6):2654-60

Mitomycin C resistance in a human colon carcinoma cell line associated with cell surface protein alterations. Willson JK, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5880-5

Structural requirements of a membrane-spanning domain for protein anchoring and cell surface transport. Adams GA, et al. **Cell** 1985 Jul;41(3):1007-15

An artificial anchor domain: hydrophobicity suffices to stop transfer. Davis NG, et al. **Cell** 1985 Jun;41(2):607-14

Interaction of fibronectin with its receptor on platelets. Gardner JM, et al. **Cell** 1985 Sep;42(2):439-48

Stimulation by cholera toxin of ADP-ribosylation of membrane proteins, adenylate cyclase and insulin release in pancreatic islets. Svoboda M, et al. **Cell Biochem Funct** 1985 Jan;3(1):25-32

Turnover of brush-border glycoproteins in human intestinal absorptive cells: do lysosomes have a regulatory function? Blok J, et al. **Cell Biol Int Rep** 1984 Dec;8(12):993-1014 (50 ref.)

Detection of a nerve-specific membrane protein on differentiating PCC3/A/1 cells. Zákány J, et al. **Cell Differ** 1984 Dec;15(2-4):141-5

Connexon rearrangement in cardiac gap junctions: evidence for cytoskeletal control? Green CR, et al. **Cell Tissue Res** 1984;237(1):185-6

Cell membrane polarity in rat ascites hepatoma cells. Distribution of a cell surface-associated adhesive factor on the cell surfaces. Ishimaru Y, et al. **Cell Tissue Res** 1985; 240(2):353-9

Laminin, proteoglycan, nidogen and collagen IV: structural models and molecular interactions. Timpl R, et al. **Ciba Found Symp** 1984;108:25-43 (27 ref.)

Bacterial chemotaxis: biochemistry of behavior in a single cell. Ordal GW. **CRC Crit Rev Microbiol** 1985;12(2):95-130 (216 ref.)

Lens fodrin binds actin and calmodulin. Green J, et al. **Curr Eye Res** 1984 Dec;3(12):1433-40

Patterns in effects of sulfhydryl reagents on transport in bovine lens. Kern HL, et al. **Curr Eye Res** 1984 Dec;3(12):1373-82

Spontaneous redistribution of cell-surface glycoproteins in lymphoid cells during cytokinesis. de Petris S. **EMBO J** 1984 Aug;3(8):1849-55

An enzymatic assay reveals that proteins destined for the apical or basolateral domains of an epithelial cell line share the same late Golgi compartments. Fuller SD, et al. **EMBO J** 1985 Feb;4(2):297-307

Nucleotide binding by membrane components of bacterial periplasmic binding protein-dependent transport systems. Higgins CF, et al. **EMBO J** 1985 Apr;4(4):1033-9

Effects of high doses of iodide on thyroid secretion: evidence for the presence of iodinated membrane tubulin. Santisteban P, et al. **Endocrinology** 1985 Aug;117(2):607-12

Characterization of cell surface adenosine 3',5'-monophosphate-binding proteins in Y-1 mouse adrenal tumor cells. Wen SC, et al. **Endocrinology** 1985 Mar;116(3):935-44

Modification of the N-linked oligosaccharides in cell surface glycoproteins during chick embryo development. A using lectin affinity and a high resolution chromatography study. Codogno P, et al. **Eur J Biochem** 1985 Jun 3;149(2):453-60

Intracellular transport of the major glycoprotein of zymogen granule membranes in the rat pancreas. Demonstration of high turnover at the plasma membrane. Havinga JR, et al. **Eur J Biochem** 1984 Oct 1;144(1):177-83

Protein kinase C phosphorylates the inhibitory guanine-nucleotide-binding regulatory component and apparently suppresses its function in hormonal inhibition of adenylate cyclase. Katada T, et al. **Eur J Biochem** 1985 Sep 2;151(2):431-7

Sensitivity to alpha/beta-interferon is independent of N-linked complex-type oligosaccharides on cell-surface-membrane glycoproteins. Parker J, et al. **Eur J Biochem** 1985 Sep 16;151(3):651-5

Human red-blood-cell Ca2+-antagonist binding sites. Evidence for an unusual receptor coupled to the nucleoside transporter. Striessnig J, et al. **Eur J Biochem** 1985 Jul 1;150(1):67-77

Isolation of proteins assembled in lipid body membranes during fat mobilization in cucumber cotyledons. Sturm A, et al. **Eur J Biochem** 1985 Aug 1;150(3):461-8

Cleavage of a 135 kD cell surface glycoprotein correlates with loss of fibroblast adhesion to fibronectin. Giancotti FG, et al. **Exp Cell Res** 1985 Jan;156(1):182-90

Association of specific cell-surface glycoproteins with a triton X-100-resistant complex of plasma membrane proteins isolated from T-lymphoma cells (P1798). Hoessli D, et al. **Exp Cell Res** 1985 Jan;156(1):239-50

Reorganization of plasma membrane-associated 36 000 dalton protein upon drug-induced redistribution of cytokeratin. Keski-Oja J, et al. **Exp Cell Res** 1985 May;158(1):86-94

Response of cultured rat liver epithelial cell lines to tumour-promoting phorbol esters. Ljubimov AV, et al. **Exp Cell Res** 1985 Feb;156(2):311-26

In vitro reassociation of EDTA-extractable proteins with calf lens fiber membranes. van den Eijnden-van Raaij AJ, et al. **Exp Eye Res** 1985 Feb;40(2):327-34

Photoaffinity labelling of the nucleoside transporter of cultured mouse lymphoma cells. Almeida AF, et al. **FEBS Lett** 1984 Oct 29;176(2):444-8

Measurement by radioimmunoassay of the mitochondrial uncoupling protein from brown adipose tissue of obese (ob/ob) mice and Zucker (fa/fa) rats at different ages. Ashwell M, et al. **FEBS Lett** 1985 Jan 7;179(2):233-7

Guanine nucleotides and magnesium dependence of the association states of the subunits of transducin. Deterre P, et al. **FEBS Lett** 1984 Dec 10;178(2):228-32

Stimulation by somatostatin of dephosphorylation of membrane proteins in pancreatic cancer MIA PaCa-2 cell line. Hierowski MT, et al. **FEBS Lett** 1985 Jan 7;179(2):252-6

Pertussis toxin catalyzes the ADP-ribosylation of two distinct peptides, 40 and 41 kDa, in rat fat cell membranes. Malbon CC, et al. **FEBS Lett** 1984 Oct 29;176(2):301-6

The tryptic and chymotryptic fragments of the beta-subunit of guanine nucleotide binding proteins in brain are identical to those of retinal transducin. Pines M, et al. **FEBS Lett** 1985 Mar 25;182(2):355-9

Extensions of the signal hypothesis--sequential insertion model versus amphipathic tunnel hypothesis. Rapoport TA. **FEBS Lett** 1985 Jul 22;187(1):1-10 (47 ref.)

Comparison of tyrosine phosphorylation of proteins by membrane fractions from mouse liver, Ehrlich ascites tumor and MH134 hepatoma. Usui H, et al. **FEBS Lett** 1985 May 6;184(1):60-4

Magnesium-dependent conformational changes of membrane proteins are related to the Mg2+-dependent ATPase activity in cardiac sarcolemma. Vrbjar N, et al. **FEBS Lett** 1985 Sep 2;188(2):379-82

Cyclic changes in human endometrial surface glycoproteins: a quantitative histochemical study. Jansen RP, et al. **Fertil Steril** 1985 Jul;44(1):85-91

Quantitative relationship between the protein secondary structure in cardiac sarcolemma and the activity of the membrane-bound Ca2+-ATPase. Vrbjar N, et al. **Gen Physiol Biophys** 1985 Aug;4(4):411-6

Clinical significance of increased thromboplastin activity on the monocyte surface--a brief review. Lyberg T. **Haemostasis** 1984;14(5):430-9 (70 ref.)

Modification of membrane protein organization during in vitro aging of human erythrocytes. Brovelli A, et al. **Int J Biochem** 1984;16(11):1115-20

The binding of ConA and other lectins to surface glycoproteins: a comparison of a subcutaneous tumour and its liver metastases. Chan WS, et al. **Invasion Metastasis** 1985;5(4):233-44

Alkaline phosphatase and OmpA protein can be translocated posttranslationally into membrane vesicles of Escherichia coli. Chen L, et al. **J Bacteriol** 1985 Mar;161(3):973-80

Dependence of secretion and assembly of type 1 fimbrial subunits of Escherichia coli on normal protein export. Dodd DC, et al. **J Bacteriol** 1984 Sep;159(3):1077-9

A low potential iron-sulfur cluster bound to membranes in blue-green algae. Hiyama T, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):89-95

The oligomycin sensitivity conferring protein (OSCP) of beef heart mitochondria: studies of its binding to F1 and its function. Hundal T, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):535-50

Nonequilibration of membrane-associated protons with the internal aqueous space in dark-maintained chloroplast thylakoids. Laszlo JA, et al. **J Bioenerg Biomembr** 1984 Feb;16(1):37-51

New molecular aspects of energy-transducing protein complexes. Nelson N, et al. **J Bioenerg Biomembr** 1984 Feb;16(1):11-36 (197 ref.)

The protein composition of the cytoplasmic membrane of aerobically and anaerobically grown Escherichia coli. Visser RG, et al. **J Bioenerg Biomembr** 1984 Aug;16(4):295-307

Altered nucleoside transporters in mammalian cells selected for resistance to the physiological effects of inhibitors of nucleoside transport. Aronow B, et al. **J Biol Chem** 1985 May 25;260(10):6226-33

The G-protein of retinal rod outer segments (transducin). Mechanism of interaction with rhodopsin and nucleotides. Bennett N, et al. **J Biol Chem** 1985 Apr 10;260(7):4156-68

Progesterone-inhibited phosphorylation of an unique Mr 48,000 protein in the plasma membrane of Xenopus laevis oocytes. Blondeau JP, et al. **J Biol Chem** 1985 Mar 25;260(6):3617-25

Effect of calcium on the stability of the platelet membrane glycoprotein IIb-IIIa complex. Brass LF, et al. **J Biol Chem** 1985 Jul 5;260(13):7875-81

Turnover of plasma membrane proteins in rat hepatoma cells and primary cultures of rat hepatocytes. Chu FF, et al. **J Biol Chem** 1985 Mar 10;260(5):3097-107

Phosphatidylinositol-specific phospholipase C activity of chromaffin granule-binding proteins. Creutz CE, et al. **J Biol Chem** 1985 Jun 25;260(12):7171-3

Brain ankyrin. A membrane-associated protein with binding sites for spectrin, tubulin, and the cytoplasmic domain of the erythrocyte anion channel. Davis JQ, et al. **J Biol Chem** 1984 Nov 10;259(21):13550-9

Phosphorylation of the erbB gene product from an avian erythroblastosis virus-transformed chick fibroblast cell line. Decker SJ. **J Biol Chem** 1985 Feb 25;260(4):2003-6

Carrier-mediated uptake of lactate in rat hepatocytes. Effects of pH and possible mechanisms for L-lactate transport. Fafournoux P, et al. **J Biol Chem** 1985 Jan 10;260(1):292-9

Calcium regulation of the platelet membrane glycoprotein IIb-IIIa complex. Fitzgerald LA, et al. **J Biol Chem** 1985 Sep 15;260(20):11366-74

Insulin and phorbol ester stimulate phosphorylation of a 40-kDa protein in adipocyte plasma membranes. Graves CB, et al. **J Biol Chem** 1985 Sep 15;260(20):11286-92

A structural and functional analysis of the docking protein. Characterization of active domains by proteolysis and specific antibodies. Hortsch M, et al. **J Biol Chem** 1985 Aug 5;260(16):9137-45

Release of the variable surface coat glycoprotein from Trypanosoma brucei requires the cleavage of a phosphate ester. Jackson DG, et al. **J Biol Chem** 1985 Apr 25;260(8):5179-83

Characterization of ammonium (methylammonium)/potassium antiport in Escherichia coli. Jayakumar A, et al. **J Biol Chem** 1985 Jun 25;260(12):7528-32

Identification of the 29,000-dalton protein and its relevance to oligomycin-sensitive 32Pi-ATP exchange in bovine heart electron transport particles. Joshi S, et al. **J Biol Chem** 1984 Oct 25;259(20):12742-8

ADP-ribosylation of the specific membrane protein by islet-activating protein, pertussis toxin, associated with inhibition of a chemotactic peptide-induced arachidonate release in neutrophils. A possible role of the toxin substrate in Ca2+-mobilizing biosignaling. Okajima F, et al. **J Biol Chem** 1984 Nov 25;259(22):13863-71

Reconstitution of the purified platelet fibrinogen receptor. Fibrinogen binding properties of the glycoprotein IIb-IIIa complex. Parise LV, et al. **J Biol Chem** 1985 Sep 5;260(19):10698-707

Platelet membrane glycoprotein IIb-IIIa complex incorporated into phospholipid vesicles. Preparation and morphology. Parise LV, et al. **J Biol Chem** 1985 Feb 10;260(3):1750-6

Signal recognition particle-dependent insertion of coronavirus E1, an intracellular membrane glycoprotein. Rottier P, et al. **J Biol Chem** 1985 Apr 25;260(8):4648-52

Insulin-induced rapid decrease of a major protein in fat cell plasma membranes. Schoenle EJ, et al. **J Biol Chem** 1984 Oct 10;259(19):12112-6

Changes in the platelet membrane glycoprotein IIb.IIIa complex during platelet activation. Shattil SJ, et al. **J Biol Chem** 1985 Sep 15;260(20):11107-14

Ammonia/potassium exchange in methanogenic bacteria. Sprott GD, et al. **J Biol Chem** 1984 Oct 25;259(20):12602-8

Photoreceptor GTP binding protein mediates fluoride activation of phosphodiesterase. Stein PJ, et al. **J Biol Chem** 1985 Aug 5;260(16):9081-4

A peptide associated with eggs causes a mobility shift in a major plasma membrane protein of spermatozoa. Suzuki N, et al. **J Biol Chem** 1984 Dec 10;259(23):14874-9

L(+)-Lactate binding to preparations of rat hepatocyte plasma membranes. Welch SG, et al. **J Biol Chem** 1984 Dec 25;259(24):15264-71

Effects of two sec genes on protein assembly into the plasma membrane of Escherichia coli. Wolfe PB, et al. **J Biol Chem** 1985 Feb 10;260(3):1836-41

Lateral mobility and organization of phospholipids and proteins in rat myocyte membranes. Effects of aging and manipulation of lipid composition. Yechiel E, et al. **J Biol Chem** 1985 Aug 5;260(16):9132-6

PDGF stimulates transient phosphorylation of 180,000 dalton protein. Harrington MA, et al. **J Cell Biochem** 1985;27(2):67-81

Direct evidence for the interaction of platelet surface membrane proteins GPIIb and III with cytoskeletal components: protein crosslinking studies. Painter RG, et al. **J Cell Biochem** 1985;27(3):277-90

The acrosomal membrane of boar sperm: a Golgi-derived membrane poor in glycoconjugates. Aguas AP, et al. **J Cell Biol** 1985 Feb;100(2):528-34

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. I. Functional tests on rat liver microsomal subfractions. Amar-Costesec A, et al. **J Cell Biol** 1984 Dec;99(6):2247-53

A T-lymphoma transmembrane glycoprotein (gp180) is linked to the cytoskeletal protein, fodrin. Bourguignon LY, et al. **J Cell Biol** 1985 Aug;101(2):477-87

Identification of a transmembrane glycoprotein specific for secretory vesicles of neural and endocrine cells. Buckley K, et al. **J Cell Biol** 1985 Apr;100(4):1284-94

Development of cell surface linkage complexes in cultured fibroblasts. Chen WT, et al. **J Cell Biol** 1985 Apr;100(4):1103-14

Exit of newly synthesized membrane proteins from the trans cisterna of the Golgi complex to the plasma membrane. Griffiths G, et al. **J Cell Biol** 1985 Sep;101(3):949-64

Expression and intracellular transport of microvillus membrane hydrolases in human intestinal epithelial cells. Hauri HP, et al. **J Cell Biol** 1985 Sep;101(3):838-51

Redistribution of a major cell surface glycoprotein during cell movement. Jacobson K, et al. **J Cell Biol** 1984 Nov;99(5):1613-23

Lateral diffusion of an 80,000-dalton glycoprotein in the plasma membrane of murine fibroblasts: relationships to cell structure and function. Jacobson K, et al. **J Cell Biol** 1984 Nov;99(5):1624-33

Posttranslational control of membrane-skeleton (ankyrin and alpha beta-spectrin) assembly in early myogenesis. Nelson WJ, et al. **J Cell Biol** 1985 May;100(5):1726-35

Lymphocyte mechanical response triggered by cross-linking surface receptors. Pasternak C, et al. **J Cell Biol** 1985 Mar;100(3):860-72

Intracellular sorting and basolateral appearance of the G protein of vesicular stomatitis virus in Madin-Darby canine kidney cells. Pfeiffer S, et al. **J Cell Biol** 1985 Aug;101(2):470-6

A platelet alpha-granule membrane protein (GMP-140) is expressed on the plasma membrane after activation. Stenberg PE, et al. **J Cell Biol** 1985 Sep;101(3):880-6

Evidence for a tubulin-containing lipid-protein structural complex in ciliary membranes. Stephens RE. **J Cell Biol** 1985 Apr;100(4):1082-90

Reciprocal transmembranous receptor-cytoskeleton interactions in concanavalin A-activated platelets. Wheeler ME, et al. **J Cell Biol** 1985 Sep;101(3):993-1000

Increased levels of 16 alpha-hydroxyestrone-modified proteins in pregnancy and in systemic lupus erythematosus. Bucala R, et al. **J Clin Endocrinol Metab** 1985 May;60(5):841-7

Interaction of asialo von Willebrand factor with glycoprotein Ib induces fibrinogen binding to the glycoprotein IIb/IIIa complex and mediates platelet aggregation. De Marco L, et al. **J Clin Invest** 1985 Apr;75(4):1198-203

Identification of the Raji cell membrane-derived C1q inhibitor as a receptor for human C1q. Purification and immunochemical characterization. Ghebrehiwet B, et al. **J Exp Med** 1984 Nov 1;160(5):1375-89

gp72, the 72 kilodalton glycoprotein, is the membrane acceptor site for C3 on Trypanosoma cruzi epimastigotes. Joiner K, et al. **J Exp Med** 1985 May 1;161(5):1196-212

Immunohistochemical identification of the uncoupling protein in rat brown adipose tissue. Cadrin M, et al. **J Histochem Cytochem** 1985 Feb;33(2):150-4

Presentation of antigen by B cells: functional dependence on radiation dose, interleukins, cellular activation, and differential glycosylation. Frohman M, et al. **J Immunol** 1985 Apr;134(4):2269-75

Activation of mouse peritoneal macrophages alters the structure and surface expression of protein-bound lactosaminoglycans. Mercurio AM, et al. **J Immunol** 1985

Aug;135(2):1305-12

The interaction of lymphocyte membrane proteins with the lymphocyte cytoskeletal matrix. Woda BA, et al. **J Immunol** 1984 Nov;133(5):2767-72

An ELISA for screening hybridoma cultures for monoclonal antibodies against a detergent solubilized integral membrane protein. Noteboom WD, et al. **J Immunol Methods** 1984 Dec 14;75(1):141-8

Lens cell-to-cell channel protein: I. Self-assembly into liposomes and permeability regulation by calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):217-25

Lens cell-to-cell channel protein: II. Conformational change in the presence of calmodulin. Girsch SJ, et al. **J Membr Biol** 1985;83(3):227-33

Proteolysis of cardiac gap junctions during their isolation from rat hearts. Manjunath CK, et al. **J Membr Biol** 1985; 85(2):159-68

Effect of reactive oxygen species on myelin membrane proteins. Konat GW, et al. **J Neurochem** 1985 Oct; 45(4):1113-8

Decrease of clonidine binding affinity to alpha 2-adrenoceptor by ADP-ribosylation of 41,000-dalton proteins in rat cerebral cortical membranes by islet-activating protein. Nomura Y, et al. **J Neurochem** 1985 Feb;44(2):364-9

Nonmyelin-forming Schwann cells coexpress surface proteins and intermediate filaments not found in myelin-forming cells: a study of Ran-2, A5E3 antigen and glial fibrillary acidic protein. Jessen KR, et al. **J Neurocytol** 1984 Dec;13(6):923-34

Erythrocyte membrane abnormalities in patients with amyotrophic chorea with acanthocythosis. Part 2. Abnormal degradation of membrane proteins. Asano K, et al. **J Neurol Sci** 1985 May;68(2-3):161-73

News about the neuronal membrane protein which binds the presynaptic neurotoxin beta-bungarotoxin. Rehm H. **J Physiol (Paris)** 1984;79(4):265-8

The influence of epinephrine on washed human platelets: shape change and protein phosphorylation. Resink TJ, et al. **J Recept Res** 1984;4(1-6):537-56

Differential expression of surface proteins, virus receptors and histocompatibility antigens in SV40-transformed human choroid cells and their clones. Carruba G, et al. **J Submicrosc Cytol** 1985 Jan;17(1):21-30

Adsorption of peripheral enzymes to membrane anchor proteins. Kurganov BI. **J Theor Biol** 1984 Dec 21; 111(4):707-23

Different membrane anchors allow the Semliki Forest virus spike subunit E2 to reach the cell surface. Riedel H. **J Virol** 1985 Apr;53(4):224-8

Interleukin 2 stimulation of protein kinase C membrane association: evidence for IL-2 receptor phosphorylation. Farrar WL, et al. **Lymphokine Res** 1985 Spring;4(2):87-93

Lectin binding to glycoproteins in the surface membrane of Schistosoma mansoni. MacGregor AN, et al. **Mol Biochem Parasitol** 1985 Aug;16(2):163-72

Subcellular fractionation of amoebapore and plasma membrane components of Entamoeba histolytica using self-generating Percoll gradients. Rosenberg I, et al. **Mol Biochem Parasitol** 1985 Feb;14(2):231-48

The interaction of human serum with the surface membrane of schistosomula of Schistosoma mansoni. Rumjanek FD, et al. **Mol Biochem Parasitol** 1985 Jan;14(1):63-73

Protein phosphorylation by intact Babesia bovis. Willadsen P. **Mol Biochem Parasitol** 1984 Jun;12(2):195-205

Incorporation of a charged amino acid into the membrane-spanning domain blocks cell surface transport but not membrane anchoring of a viral glycoprotein. Adams GA, et al. **Mol Cell Biol** 1985 Jun;5(6):1442-8

Characterization of pp60src phosphorylation in vitro in Rous sarcoma virus-transformed cell membranes. Resh MD, et al. **Mol Cell Biol** 1985 May;5(5):916-22

Surface T-antigen expression in simian virus 40-transformed mouse cells: correlation with cell growth rate. Santos M, et al. **Mol Cell Biol** 1985 May;5(5):1051-7

Molecular motion and association on the cell surface. Jovin TM. **Mol Immunol** 1984 Dec;21(12):1147-9

Ca2+ fluxes and protein phosphorylation in stimulus-secretion coupling of basophils. Sagi-Eisenberg R, et al. **Mol Immunol** 1984 Dec;21(12):1175-81

The effect of pH on interaction of nitrobenzylthioinosine and hydroxynitrobenzylthioinosine with the nucleoside transporter of human erythrocyte membranes. Cass CE, et al. **Mol Pharmacol** 1985 Jun;27(6):662-5

An N-terminal peptide from p60src can direct myristylation and plasma membrane localization when fused to heterologous proteins. Pellman D, et al. **Nature** 1985 Mar 28-Apr 3;314(6009):374-7

Electrogenic Na-Ca exchange in retinal rod outer segment. Yau KW, et al. **Nature** 1984 Oct 18-24;311(5987):661-3

Association of [14C]glutamate with the protein components of synaptic membrane preparations. Turpeenoja L, et al. **Neurochem Res** 1985 Jan;10(1):99-106

Fast axonal transport of membrane protein and intra-axonal diffusion of free leucine in a neuron of Aplysia. Koike H, et al. **Neurosci Res** 1985 Apr;2(4):281-5

The effect of lateral mobility on the binding and reaction rate at membrane sites. Finkelstein JN, et al. **Physiol Chem Phys Med NMR** 1985;17(1):77-9

A study of selective adsorption of Na+ and other alkali-metal ions on isolated proteins: a test of the salt-linkage hypothesis. Ling GN, et al. **Physiol Chem Phys Med NMR** 1984;16(3):221-35

Pertussis toxin inhibition of chemotaxis and the ADP-ribosylation of a membrane protein in a human-mouse hybrid cell line. Backlund PS Jr, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2637-41

ATP is essential for protein translocation into Escherichia coli membrane vesicles. Chen L, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4384-8

Phosphorylation of lens fiber cell membrane proteins. Garland D, et al. **Proc Natl Acad Sci USA** 1985 Feb; 82(3):653-7

Genetic analysis of the 6-thiobenzylpurine binding site of the nucleoside transporter in mouse lymphoblasts. Aronow B, et al. **Proc Soc Exp Biol Med** 1985 Sep;179(4):463-71

Proteins closely related to spectrin and ankyrin are general components of cell membranes. Bennett V, et al. **Prog Clin Biol Res** 1984;165:457-72

Comparison of cell wall and membrane proteins from eight Candida species. Kobayashi K, et al. **Sabouraudia** 1984; 22(4):341-4

Studies on the property of sulfhydryl binding site on the lung normal and cancer cell membrane of Chinese hamster with maleimide spin labels. Xin WJ, et al. **Sci Sin [B]** 1984 Oct;27(10):1008-14

Rapid insertion and retrieval of pumps and channels into membranes by exocytosis and endocytosis. Al-Awqati Q. **Soc Gen Physiol Ser** 1985;39:149-57 (17 ref.)

Regulation of turnover of Na+,K+-ATPase in cultured cells. Cook JS, et al. **Soc Gen Physiol Ser** 1985;39:3-19

The regulation of the Ca2+ transport activity of sarcoplasmic reticulum. Martonosi A, et al. **Soc Gen Physiol Ser** 1985;39:57-85 (100 ref.)

Glycoprotein V hydrolysis by thrombin. Lack of correlation with secretion. White GC 2d, et al. **Thromb Res** 1985 Jun 15;38(6):641-8

[Membrane lipids and membrane enzymes] Niimura Y. **Nippon Rinsho** 1985 Apr;43(4):687-91 (25 ref.) **(Jpn)**

[Recent trends of biomembranology] Ohki K, et al. **Nippon Rinsho** 1985 Apr;43(4):671-6 **(Jpn)**

[Intracellular compartments and topogenesis of membrane proteins] Tashiro Y. **Nippon Seirigaku Zasshi** 1984; 46(6):215-26 **(Jpn)**

[Asymmetry of biological membranes--distribution of lipids and various enzymatic proteins in the transverse plane of the membranes] Pikula S, et al. **Postepy Biochem** 1984; 30(1-2):107-48 (373 ref.) **(Pol)**

[Study of the structure of erythrocyte membrane in spontaneous genetic hypertension using the spin-label method] Gulak PV, et al. **Biofizika** 1985 Jan-Feb;30(1):55-8 (Eng. Abstr.) **(Rus)**

[A model of cooperative rearrangements of biological membranes without changes in the affinity of receptor binding centers] Kaler GV. **Biofizika** 1985 May-Jun; 30(3):431-5 (Eng. Abstr.) **(Rus)**

[Resistance of various protein channels to proteolytic degradation] Krasil'nikov OV, et al. **Biofizika** 1985 Jan-Feb;30(1):79-81 (Eng. Abstr.) **(Rus)**

[Protein of membrane-bound liver ribosomes changing after exposure of an organism to various factors] Berdinskikh NK, et al. **Biokhimiia** 1984 Aug;49(8):1275-80 (Eng. Abstr.) **(Rus)**

[Study of the ability of mitochondrial proteins to interact with actin] Stozharov AN. **Biokhimiia** 1985 May; 50(5):849-59 (Eng. Abstr.) **(Rus)**

[Evidence for the presence of H+-ATPase in the membrane of brain synaptic vesicles in the rat] Glebov RN, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):539-41 (Eng. Abstr.) **(Rus)**

[Percolation threshold for the lateral displacement of membrane proteins of the adenylate cyclase complex] Sobolev AS, et al. **Dokl Akad Nauk SSSR** 1984; 277(2):501-3 **(Rus)**

[Basal phosphorylation of synaptic membrane proteins in the presence of ATP and GTP] Kondrat'ev VE, et al. **Ukr Biokhim Zh** 1984 Sep-Oct;56(5):483-7 (Eng. Abstr.) **(Rus)**

[Transmembrane localization of cytosol proteins from the heart muscle in proteoliposomes] Lishko VK, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):3-7 (Eng. Abstr.) **(Rus)**

[GTP--a substrate for 3',5'-AMP-dependent phosphorylation of synaptic membrane proteins] Shchipakina TG, et al. **Ukr Biokhim Zh** 1984 Sep-Oct; 56(5):488-92 (Eng. Abstr.) **(Rus)**

[Biochemical structure and functions of basal membranes (review of the literature)] Daikhin EI. **Vopr Med Khim** 1985 Jan-Feb;31(1):23-32 (73 ref.) **(Rus)**

PHARMACODYNAMICS

Modulation of actin polymerization by the spectrin-band 4.1 complex. Elbaum D, et al. **Biochemistry** 1984 Sep 25; 23(20):4813-6

Differential activation of yeast adenylate cyclase by wild-type and mutant RAS proteins. Broek D, et al. **Cell** 1985 Jul;41(3):763-9

Inhibition of hormonally regulated adenylate cyclase by the beta gamma subunit of transducin. Bockaert J, et al. **EMBO J** 1985 Jun;4(6):1413-7

Inhibition of lymphocyte proliferation by detergent-solubilized mouse liver membranes. Grupp SA, et al. **J Cell Biol** 1985 Aug;101(2):380-5

Mechanism of inhibition of natural killing by a glycopeptide isolated from the K562 plasma membrane. Targan S, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):113-23

PHYSIOLOGY

Formation of protein channels in target membranes. Bhakdi S, et al. **Adv Exp Med Biol** 1985;184:3-21 (50 ref.)

Regulation of aqueous flow by the adenylate cyclase receptor complex in the ciliary epithelium. Sears ML. **Am J Ophthalmol** 1985 Jul 15;100(1):194-8

The membrane skeleton of human erythrocytes and its implications for more complex cells. Bennett V. **Annu Rev Biochem** 1985;54:273-304 (249 ref.)

Models of the interactions between membranes and intracellular protein structures. Agutter PS, et al. **Biochem Soc Trans** 1984 Aug;12(4):713-8 (79 ref.)

Membrane polypeptide in rabbit erythrocytes associated with the inhibition of L-lactate transport by a synthetic anhydride of lactic acid. Donovan JA, et al. **Biochemistry** 1985 Jan 29;24(3):561-4

Proton-induced membrane fusion. Role of phospholipid composition and protein-mediated intermembrane contact. Bondeson J, et al. **Biochim Biophys Acta** 1984 Oct 17; 777(1):21-7

Protein-mediated chloride-phosphate and lactate-lactate exchange in cytoskeleton-free vesicles budded from rabbit erythrocytes. Donovan JA. **Biochim Biophys Acta** 1985 Jun 11;816(1):68-76

Characterization of the processed form of a ubiquitous protein displaying a variable membrane organization in erythroid cells. Allen RW, et al. **Blood** 1985 May; 65(5):1048-55

Zinc-induced platelet aggregation is mediated by the fibrinogen receptor and is not accompanied by release or by thromboxane synthesis. Heyns A du P, et al. **Blood** 1985 Jul;66(1):213-9

Biochemical and functional consequences of dissociation of the platelet membrane glycoprotein IIb-IIIa complex. Shattil SJ, et al. **Blood** 1985 Jul;66(1):92-8

Cell surface structural implications of some experiments with isolated glycolipids and glycoproteins. Grant CW. **Can J Biochem Cell Biol** 1984 Nov;62(11):1151-7

On the role of lipid-bilayer elasticity for the lipid-protein interaction and the indirect protein-protein coupling. Sackmann E, et al. **Can J Biochem Cell Biol** 1984 Aug; 62(8):778-88

Modification of blood-borne arrest properties of lymphoma cells by inhibitors of protein glycosylation suggests the existence of endogenous lectins. Schaaf-Lafontaine N, et al. **Carbohydr Res** 1985 May 15;138(2):315-23

A monoclonal antibody inhibits calcium accumulation and skeleton formation in cultured embryonic cells of the sea urchin. Carson DD, et al. **Cell** 1985 Jun;41(2):639-48

Translocation of secretory proteins across the microsomal membrane occurs through an environment accessible to aqueous perturbants. Gilmore R, et al. **Cell** 1985 Sep; 42(2):497-505

Monoclonal antibody to a membrane glycoprotein inhibits the acrosome reaction and associated Ca2+ and H+ fluxes of sea urchin sperm. Trimmer JS, et al. **Cell** 1985 Mar; 40(3):697-703

Cell disorganization and malformation in neural retina caused by antibodies to R-cognin: ultrastructural study. Ophir I, et al. **Cell Differ** 1984 Nov;15(1):53-60

Vesicle interactions as a model for the retinal cell-cell recognition mediated by R-cognin. Troccoli NM, et al. **Cell Differ** 1985 Feb;16(1):43-9

Insulin-dependent production of low-molecular-weight compounds that modify key enzymes in metabolism. Stevens EV, et al. **Comp Biochem Physiol [B]** 1985; 81(1):1-8 (93 ref.)

Biological functions of T-cell surface glycoproteins. Thomas Y, et al. **Diagn Immunol** 1983;1(3):100-3

Inhibition of sea urchin sperm acrosome reaction by antibodies directed against two sperm membrane proteins. Characterization and mechanism of action. Podell SB, et al. **Exp Cell Res** 1984 Dec;155(2):467-76

Expression and assembly of the erythroid membrane-skeletal proteins ankyrin (goblin) and spectrin in the morphogenesis of chicken neurons. Lazarides E, et al. **J Cell Biochem** 1985; 27(4):423-41 (79 ref.)

The role of membrane-membrane interactions in the regulation of endothelial cell growth. Heimark RL, et al. **J Cell Biol** 1985 Jun;100(6):1934-40

An integral glycoprotein associated with the membrane attachment sites of actin microfilaments. Rogalski AA, et al. **J Cell Biol** 1985 Sep;101(3):785-801

Reconstruction of platelet proteins into phospholipid vesicles. Functional proteoliposomes. Baldassare JJ, et al. **J Clin Invest** 1985 Jan;75(1):35-9

Asialo von Willebrand factor interactions with platelets. Interdependence of glycoproteins Ib and IIb/IIIa for binding and aggregation. Grainick HR, et al. **J Clin Invest** 1985 Jan;75(1):19-25

The role of neutrophil membrane glycoprotein 150 (Gp-150) in neutrophil-mediated endothelial cell injury in vitro. Diener AM, et al. **J Immunol** 1985 Jul;135(1):537-43

The role of connexon aggregate fusion in gap junction growth. Ryerse JS, et al. **J Submicrosc Cytol** 1984 Oct; 16(4):649-57

Millisecond activation of transducin in the cyclic nucleotide cascade of vision. Vuong TM, et al. **Nature** 1984 Oct 18-24; 311(5987):659-61

Immunoglobulin-related domains for cell surface recognition [news] Williams AF. **Nature** 1985 Apr 18-24; 314(6012):579-80

Functional reconstitution of the purified brain sodium channel in planar lipid bilayers. Hartshorne RP, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):240-4

Reduction of gap junctional conductance by microinjection of antibodies against the 27-kDa liver gap junction polypeptide. Hertzberg EL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2412-6

Purified hydrophobic proteins, chargerins, are essential for energy transduction in oxidative phosphorylation. Higuti T, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1331-5

The rate-determining step in cAMP-mediated exocytosis in the rat parotid and submandibular glands appears to involve analogous 26-kDa integral membrane phosphoproteins. Quissell DO, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3237-41

Platelet glycoproteins. Berndt MC, et al. **Prog Hemost Thromb** 1984;7:111-50 (248 ref.)

[Functional effects of the chemical modification of membrane proteins] Mărgineanu DG. **Physiologie** 1984 Jul-Sep; 21(3):231-5 **(Fre)**

[Reciprocal regulation of growth and differentiation in hepatocytes by cell surface modulator and loss of regulation during carcinogenesis] Nakamura T. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):677-84 (Eng. Abstr.) **(Jpn)**

[Approach of hematology. Red cell deformability and membrane protein] Nakashima K. **Rinsho Byori** 1984 Aug; 32(8):856-61 **(Jpn)**

RADIATION EFFECTS

Radiation inactivation of membrane proteins: molecular weight estimates in situ and after Triton X-100 solubilization. Beauregard G, et al. **Anal Biochem** 1984 Aug 1;140(2):403-8

MEMBRANES

see related
CELL MEMBRANE
CELL WALL
MEMBRANE LIPIDS
MEMBRANE PROTEINS
NEURILEMMA
SYNOVIAL MEMBRANE

Divalent cation-induced phosphatidic acid membrane fusion. Effect of ion binding and membrane surface tension. Ohki S, et al. **Biochim Biophys Acta** 1985 Jan 10;812(1):147-54

Stability of membrane systems modeled as multilayered viscoelastic films. Dimitrov DS, et al. **J Theor Biol** 1985 Mar 21;113(2):353-77

Thermosynthesis by biomembranes: energy gain from cyclic temperature changes. Muller AW. **J Theor Biol** 1985 Aug 7;115(3):429-53

ANALYSIS

A rapid-filtration technique for membrane fragments or immobilized enzymes: measurements of substrate binding or ion fluxes with a few-millisecond time resolution. Dupont Y. **Anal Biochem** 1984 Nov 1;142(2):504-10

DRUG EFFECTS

Effects of ethanol on the chemical and structural properties of biologic membranes. Taraschi TF, et al. **Lab Invest** 1985 Feb;52(2):120-31 (73 ref.)

ENZYMOLOGY

Ethanol and temperature effects on five membrane bound enzymes. Collins AC, et al. **Alcohol** 1984 May-Jun; 1(3):237-46

Membrane reconstitution of the energy-conserving enzymes of oxidative phosphorylation. Casey RP. **Biochim Biophys Acta** 1984 Dec 17;768(3-4):319-47 (301 ref.)

METABOLISM

Effect of unstirred layers on binding and reaction kinetics at a membrane surface. Verkman AS, et al. **Anal Biochem** 1984 Oct;142(1):109-16

Partition of parathion in synthetic and native membranes. Antunes-Madeira MC, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):49-56

Depth-dependent fluorescent quenching in micelles and membranes. Blatt E, et al. **Biochim Biophys Acta** 1985 Jun 12;822(1):43-62 (133 ref.)

Large-ligand adsorption to membranes. III. Cooperativity and general ligand shapes. Stankowski S. **Biochim Biophys Acta** 1984 Nov 7;777(2):167-82

A minimal hypothesis for membrane-linked free-energy transduction. The role of independent, small coupling units. Westerhoff HV, et al. **Biochim Biophys Acta** 1984 Dec 17; 768(3-4):257-92 (281 ref.)

A theoretical approach to cluster formation in biological membranes. Heinrich R, et al. **Biosystems** 1984;17(2):135-54

The effect of lateral mobility on the binding and reaction rate at membrane sites. Finkelstein JN, et al. **Physiol Chem Phys Med NMR** 1985;17(1):77-9

Direct measurement of lateral transport in membranes by using time-resolved spatial photometry. Kapitza HG, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4122-6

PHYSIOLOGY

Linear free energy relationship for osmotic water flow through a membrane. Havsteen BH. **Biophys Chem** 1984 Nov;20(4):305-17

Some unexpected consequences of a simple physical mechanism for voltage-dependent gating in biological membranes. Finkelstein A, et al. **Biophys J** 1984 Nov; 46(5):549-58

Donnan potential and surface potential of a charged membrane. Ohshima H, et al. **Biophys J** 1985 May; 47(5):673-8

Effect of phase transitions on the interaction of peptides and proteins with phospholipids. Epand RM, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1167-73

Diffusion and aggregation in biological membranes. Petersen NO. **Can J Biochem Cell Biol** 1984 Nov;62(11):1158-66 (92 ref.)

Physical force considerations in model and biological membranes. Rand RP, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):752-9

Membrane mythology: technical versus conceptual developments in the progress of research. Rothstein A. **Can J Biochem Cell Biol** 1984 Nov;62(11):1111-20 (18 ref.)

Possible application of the optical tunnel effect to membrane biophysics. Bonazzola GC, et al. **Eur Biophys J** 1985; 12(1):51-5

Momentum balance equation for nonelectrolytes in models of coupling between chemical reaction and diffusion in membranes. Gałdzicki Z, et al. **Gen Physiol Biophys** 1984 Apr;3(2):147-62

Model for the electrolytic environment and electrostatic properties of biomembranes. Amory DE, et al. **J Bioenerg Biomembr** 1985 Jun;17(3):151-74

Interpretation of 1/f fluctuations in ion conducting membranes. Sauvé R, et al. **J Theor Biol** 1985 Apr 7; 113(3):501-16

Geometric requirements for membrane perturbation and anesthetic activity. Conformational analysis of alphaxalone and delta 16-alphaxalone and 2H NMR studies on their interactions with model membranes. Fesik SW, et al. **Mol Pharmacol** 1985 Jun;27(6):624-9

Aneural organisms as a model system for the study of information transduction in biological membranes. Dencher NA. **Prog Clin Biol Res** 1984;164:211-4

Elements of proton pump models. Nagle JF, et al. **Prog Clin Biol Res** 1984;164:103-11

ULTRASTRUCTURE

Membrane stability. Dimitrov DS, et al. **Biochim Biophys Acta** 1984 Dec 4;779(4):437-68 (159 ref.)

MEMBRANES, ARTIFICIAL

Dialysis-induced hypoxemia: membrane dependent and membrane independent causes. Francos GC, et al. **Am J Kidney Dis** 1985 Mar;5(3):191-8

Hemodialysis-associated platelet activation and thrombocytopenia. Hakim RM, et al. **Am J Med** 1985 Apr; 78(4):575-80

Treatment of dialysis membranes for simultaneous dialysis and concentration. Richmond VL, et al. **Anal Biochem** 1985 Mar;145(2):343-50

Evaluation of the gas transfer characteristics of porous copolyurethane oxygenator membranes. Knight PM, et al. **Ann Biomed Eng** 1985;13(1):25-41

Inhibition of wound contraction: comparison of full-thickness skin grafts, Biobrane, and aspartate membranes. Frank DH, et al. **Ann Plast Surg** 1985 Feb;14(2):103-10

Artificial cells in medicine and biotechnology. Chang TM. **Appl Biochem Biotechnol** 1984;10:5-24 (122 ref.)

Severe anaphylactoid reactions to cuprammonium cellulose hemodialyzers. Daugirdas JT, et al. **Arch Intern Med** 1985 Mar;145(3):489-94

Mass transfer characterization of a new polysulfone membrane. Schneider H, et al. **Artif Organs** 1985 May; 9(2):180-3

Enzymatic detoxification using lipophilic hollow-fiber membranes: II. Sulfation reactions. Tegtmeier F, et al. **Artif Organs** 1985 Feb;9(1):37-41

Comparative studies of local anesthetic effects on artificial membranes and isolated cardiac tissues. Schlieper P. **Arzneimittelforsch** 1984;34(7):759-61

The effects of Amicon and millipore membranes upon the lymphokine titres of culture supernatants. Attridge SR, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):547-50

The dielectric properties of aqueous solutions of poly(ethylene glycol) and their influence on membrane structure. Arnold K, et al. **Biochim Biophys Acta** 1985 May 28;815(3):515-8

A calorimetry and deuterium NMR study of mixed model membranes of 1-palmitoyl-2-oleylphosphatidylcholine and saturated phosphatidylcholines. Curatolo W, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):261-70

The ionization behaviour of DL-alpha-tocopherol (vitamin E) in model membranes: micelles and vesicles. Drummond CJ, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):275-8

Lectin-membrane interactions. Information from model systems. Grant CW, et al. **Biochim Biophys Acta** 1984 Dec 4;779(4):403-22 (114 ref.)

Rhodopsin-egg phosphatidylcholine reconstitution by an octyl glucoside dilution procedure. Jackson ML, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):369-76

Cholesterol transfer from small and large unilamellar vesicles. McLean LR, et al. **Biochim Biophys Acta** 1984 Sep 19; 776(1):21-6

Ca2+-induced phase separation in black lipid membranes and its effect on the transport of a hydrophobic ion. Miller A, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):221-9

The interaction of adriamycin with cardiolipin in model and rat liver mitochondrial membranes. Nicolay K, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):359-71

Morphology and phase behavior of two types of unilamellar vesicles prepared from synthetic phosphatidylcholines studied by freeze-fracture electron microscopy and calorimetry. Parente RA, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):493-502

Deuterium NMR study of the effect of n-alkanol anesthetics on a model membrane system. Thewalt JL, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):355-65

Membrane plasmapheresis. Glöckner WM, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):146-50

Oscillation of electrical potential in a porous membrane doped with glycerol alpha-monooleate induced by an Na+/K+ concentration gradient. Yoshikawa K, et al. **Biophys Chem** 1984 Aug;20(1-2):107-9

Self-excitation in a porous membrane doped with sorbitan monooleate (Span-80) induced by an Na+/K+ concentration gradient. Yoshikawa K, et al. **Biophys Chem** 1985 Jan;21(1):33-9

Bursting, beating, and chaos in an excitable membrane model. Chay TR, et al. **Biophys J** 1985 Mar;47(3):357-66

Normal-mode analysis of lateral diffusion on a bounded membrane surface. Koppel DE. **Biophys J** 1985 Mar; 47(3):337-47

Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. A new approximate solution of the rotational diffusion equation. van der Meer W, et al. **Biophys J** 1984 Oct;46(4):515-23

Sequence of ionophore conformational changes induced by a simulated membrane/water interface. Brasseur R, et al. **Biosci Rep** 1984 Aug;4(8):651-8

A theoretical approach to cluster formation in biological membranes. Heinrich R, et al. **Biosystems** 1984;17(2):135-54

Molecular packing in steroid-lecithin monolayers. IV. Mixed films of epicoprostanol with dipalmitoyl phosphatidylcholine. Cadenhead DA, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):732-7

Polyacrylic membrane technique for the demonstration of enzymatic activity in cytology material--II. Acid phosphatase, non-specific esterases, beta-glucuronidase, NADH: (acceptor) oxidoreductase, NADPH: (acceptor) oxidoreductase and glycerol-3-phosphate oxidoreductase. Elias EA, et al. **Cell Mol Biol** 1984;30(6):565-70

Modulatory effects of different temperatures and Ca2+ concentrations on gangliosides and phospholipids in monolayers at air/water interfaces and their possible functional role. Probst W, et al. **Cell Mol Neurobiol** 1984 Jun;4(2):157-76

Interactions of hemin, antimalarial drugs and hemin-antimalarial complexes with phospholipid monolayers. Ginsburg H, et al. **Chem Phys Lipids** 1984 Oct; 35(4):331-47

Acute bronchospasm associated with a cuprophane capillary dialyzer [letter] Cruz IA, et al. **Clin Nephrol** 1984 Jul; 22(1):53-4

The concept of an artificial tympanic membrane. Feenstra L, et al. **Clin Otolaryngol** 1984 Aug;9(4):215-20

Highly permeable membranes. International Symposium on High-Efficiency Membranes for Optimised Therapy of Renal Failure. Bad Homburg v.d. Höhe, May 24-25, 1984. **Contrib Nephrol** 1985;46:1-187

Effect of protein adsorption on diffusive and convective transport through polysulfone membranes. Bosch T, et al. **Contrib Nephrol** 1985;46:14-22

Permeability for middle and higher molecular weight substances. Comparison between polysulfone and cuprophan dialyzers. Brunner H, et al. **Contrib Nephrol** 1985;46:33-42

Membrane selection for renal replacement therapy: a mountain or molehill? Farrell PC, et al. **Contrib Nephrol** 1985;44:97-111 (44 ref.)

Influence of high permeability synthetic membranes on gas exchange and lung function during hemodialysis. Fawcett S, et al. **Contrib Nephrol** 1985;46:83-91

Cellulose membranes--time for a change? Henderson LW, et al. **Contrib Nephrol** 1985;44:112-26

Influence of various membranes on the coagulation system during dialysis. Hildebrand U, et al. **Contrib Nephrol** 1985; 46:92-101

Investigation of the permeability of highly permeable polysulfone membranes for pyrogens. Klinkmann H, et al. **Contrib Nephrol** 1985;46:174-83

Clinical tolerance test of a new polysulfone membrane. Piazolo P, et al. **Contrib Nephrol** 1985;46:118-26

Elimination of low molecular weight proteins with high flux membranes. Röckel A, et al. **Contrib Nephrol** 1985;46:69-74

Therapeutic plasma exchange: achievements versus expectations. Samtleben W, et al. **Contrib Nephrol** 1985; 44:223-35 (30 ref.)

Hemodynamic studies of diffusive and convective procedures using a polysulfone membrane. Schneider H, et al. **Contrib Nephrol** 1985;46:134-50

Optimising of hemodiafiltration with modern membranes? Sprenger KG, et al. **Contrib Nephrol** 1985;46:43-60

Complement activation during hemodialysis. Comparison of polysulfone and cuprophan membranes. Stannat S, et al. **Contrib Nephrol** 1985;46:102-8

Backfiltration in hemodialysis with highly permeable membranes. Stiller S, et al. **Contrib Nephrol** 1985;46:23-32

The next generation of dialysis membranes--barriers or pathways? Streicher E, et al. **Contrib Nephrol** 1985; 44:127-36

The development of a polysulfone membrane. A new perspective in dialysis? Streicher E, et al. **Contrib Nephrol** 1985;46:1-13

Removal of hormones by hemofiltration and hemodialysis with a highly permeable polysulfone membrane. Wizemann V, et al. **Contrib Nephrol** 1985;46:61-8

Hematopoiesis on cellulose ester membranes (CEM). VIII. Studies of the hematopoietic microenvironment developing on intraperitoneally implanted CEM in Sl/Sld and Sl+/Sl+ mice. Knospe WH, et al. **Exp Hematol** 1985 Aug;13(7):652-7

Solute transport and perturbation at liquid/liquid interfaces. Guy RH, et al. **Faraday Discuss Chem Soc** 1984;(77):127-37

Use of microemulsions as liquid membranes. Improved kinetics of solute transfer at interfaces. Tondre C, et al. **Faraday Discuss Chem Soc** 1984;(77):115-26

Hemodialysis-associated platelet loss: study of the relative contribution of dialyzer membrane composition and geometry. Docci D, et al. **Int J Artif Organs** 1984 Nov; 7(6):337-40

A new operational principle for blood treatment with highly permeable membranes. Sigdell JE. **Int J Artif Organs** 1984 Jul;7(4):193-6

Evidence for direct insertion of fragments A and B of diphtheria toxin into model membranes. Hu VW, et al. **J Biol Chem** 1984 Oct 10;259(19):12226-33

Uptake of dibucaine into large unilamellar vesicles in response to a membrane potential. Mayer LD, et al. **J Biol Chem** 1985 Jan 25;260(2):802-8

The influence of dolichol, dolichol esters, and dolichyl phosphate on phospholipid polymorphism and fluidity in model membranes. Valtersson C, et al. **J Biol Chem** 1985 Mar 10;260(5):2742-51

Single-length and double-length channels formed by nystatin in lipid bilayer membranes. Kleinberg ME, et al. **J Membr Biol** 1984;80(3):257-69

Biobrane--a useful adjunct in the therapy of outpatient burns. Klein RL, et al. **J Pediatr Surg** 1984 Dec;19(6):846-7

Expanded polytetrafluoroethylene surgical membrane for pericardial closure. An experimental study. Revuelta JM, et al. **J Thorac Cardiovasc Surg** 1985 Mar;89(3):451-5

Localized, sustained-release drug delivery uses membrane 'envelope' [news] Simmons K. **JAMA** 1985 Aug 23-30; 254(8):1005-7

Plasma fibronectin concentrations in hemodialyzed patients. Influence of different dialyzers. Schena FP, et al. **Life Support Syst** 1985 Jan-Mar;3(1):83-5

Potassium, magnesium and membranes. Review of present status and new findings. Bara M, et al. **Magnesium** 1984; 3(4-6):215-25 (94 ref.)

Microchemotaxis: a procedure for embedding and ultrastructural study of migrating leukocytes within filter membranes. McKinnon AD, et al. **Med Lab Sci** 1984 Jul; 41(3):302-5

Permeation of lipophilic drugs through synthetic elastomers. Bruck SD, et al. **Med Prog Technol** 1983-84;10(3):161-9

Sodium kinetics across dialysis membranes. Locatelli F, et al. **Nephron** 1984;38(3):174-7

Dialysis-induced cardiac arrhythmias: fact or fiction? Importance of preexisting cardiac disease in the induction of arrhythmias during renal replacement therapy. Wizemann V, et al. **Nephron** 1985;39(4):356-60

Effects of tertiary amine local anaesthetics on the phase behaviour of the dipalmitoylphosphatidylcholine model membrane. Electron spin resonance tetrametylpiperidinyloxyl partition study. Ondriaš K, et al. **Physiol Bohemoslov** 1984;33(6):489-94

Biocompatibility, leachables and membrane structure. Dorson WJ. **Trans Am Soc Artif Intern Organs** 1984;30:715-7

Effect of membrane dimensions and shear rate on plasma filtration for hollow fibers. Jaffrin MY, et al. **Trans Am Soc Artif Intern Organs** 1984;30:401-5

Blood cell effects in membrane plasma separation. Malchesky PS, et al. **Trans Am Soc Artif Intern Organs** 1984;30:313-9

Cellulosic membrane induced leukopenia after reprocessing with sodium hypochlorite. Rancourt M, et al. **Trans Am Soc Artif Intern Organs** 1984;30:49-51

Biocompatibility of membrane plasma separation. Takaoka T, et al. **Trans Am Soc Artif Intern Organs** 1984;30:347-52

Use of a silicone membrane feeding technique in the laboratory maintenance of a colony of Ornithodoros moubata. Osborne RW, et al. **Trop Anim Health Prod** 1985 Feb;17(1):31-8

Further discussions on the representation of hemodialyzer performance. Ataka M. **Uremia Invest** 1984;8(1):45-50

Hemodialysis neutropenia and dialyzer reuse: role of the cleansing agent. Gagnon RF, et al. **Uremia Invest** 1984; 8(1):17-23

Membrane cascade plasmapheresis: theoretical analysis and in vitro studies. Shettigar UR, et al. **Uremia Invest** 1984; 8(1):25-34

[C-reactive protein and liposomes] Zeng YH, et al. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):228-31 **(Chi)**

[Comparison of the permeation properties of experimental hemodialysis membranes made of cellulose acetate and the permeation properties of cellulose membranes] Schauer J, et al. **Cas Lek Cesk** 1984 Nov 2;123(44):1345-8 (Eng. Abstr.) **(Cze)**

[Anaphylactic reactions during hemodialysis: responsibility of the dialysis membrane (cuprophane)] Kessler M, et al. **Nephrologie** 1984;5(3):119-22 (Eng. Abstr.) **(Fre)**

[Development of membranes for dialysis] Nederlof B, et al. **Biomed Tech (Berlin)** 1984 Jun;29(6):131-41 (Eng. Abstr.) **(Ger)**

[Drug permeation through artificial lipid membranes. 17. The mechanism of ion pair transport] Neubert R, et al. **Pharmazie** 1984 Jun;39(6):401-3 (Eng. Abstr.) **(Ger)**

[Studies on the distribution and transport kinetics in membrane and distribution models] Pflegel P, et al. **Pharmazie** 1984 Jul;39(7):478-81 (Eng. Abstr.) **(Ger)**

[Progress in membrane technology and plasmapheresis] Ozawa K, et al. **Nippon Rinsho** 1984 Aug;42(8):1803-9 **(Jpn)**

[DNA translocation across model phospholipid membranes] Budker VG, et al. **Dokl Akad Nauk SSSR** 1984; 278(2):479-82 **(Rus)**

[Mechanism of microwave action on model membrane systems] Akoev IG, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):41-52 (Eng. Abstr.) **(Rus)**

MEMBRANES, INTRACELLULAR see **INTRACELLULAR MEMBRANES**

MEMORY

Recognition memory in conversion hysteria: effect of sexual stimuli during learning. Dal Bo A, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):535-9

Reliability and validity of two tests for non-verbal memory. d'Elia G, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):29-37

The feeling of knowing for different types of retrieval failure. Krinsky R, et al. **Acta Psychol (Amst)** 1985 Feb; 58(2):141-58

Output organization in the free recall of mildly retarded children. Todman JB, et al. **Acta Psychol (Amst)** 1985 Mar; 58(3):287-91

Immediate and remote time estimation--a comparison. Zakay D, et al. **Acta Psychol (Amst)** 1984 Sep;57(1):69-81

Affective/motivational factors in the recall of prose passages by alcoholic Korsakoff patients. Davidoff DA, et al. **Alcohol** 1984 Jan-Feb;1(1):63-9

Evidence for impersistence in young male alcoholics. Alterman AI, et al. **Alcoholism (NY)** 1984 Sep-Oct; 8(5):448-50

Hypnotic hypermnesia: a critical review. Relinger H. **Am J Clin Hypn** 1984 Jan;26(3):212-25 (56 ref.)

A comparison of pregnancy history recall and medical records. Implications for retrospective studies. Tilley BC, et al. **Am J Epidemiol** 1985 Feb;121(2):269-81

Accuracy of spontaneous abortion recall. Wilcox AJ, et al. **Am J Epidemiol** 1984 Nov;120(5):727-33

Aspects of digit-span performance: naming time and order memory. Das JP. **Am J Ment Defic** 1985 May;89(6):627-34

Differences in semantic processing speed of mentally retarded and nonretarded persons. Merrill EC. **Am J Ment Defic** 1985 Jul;90(1):71-80

High-speed memory-scanning task performance of mildly mentally retarded and nonretarded individuals. Mosley JL. **Am J Ment Defic** 1985 Jul;90(1):81-9

Retention of symbolic communications skills by severely mentally retarded persons. Romski MA, et al. **Am J Ment Defic** 1985 Jan;89(4):441-4

Effects of isolation by color on mentally retarded and nonretarded persons' recall of printed words. Winters JJ Jr, et al. **Am J Ment Defic** 1984 Nov;89(3):310-2

Early home environment and retrospective recall: a test for concordance between siblings with and without psychiatric disorders. Robins LN, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):27-41

The waking event-dream interval. Epstein AW. **Am J Psychiatry** 1985 Jan;142(1):123-4

Recovery of early memories associated with reported dream imagery. Palombo SR. **Am J Psychiatry** 1984 Dec; 141(12):1508-11

Early memories and dream formation [letter] Waugaman R. **Am J Psychiatry** 1985 Aug;142(8):991

Effect of blank time on picture recognition. Kallman HJ. **Am J Psychol** 1984 Fall;97(3):399-406

Memory for two types of spatial location: effects of instructions, age, and format. Puglisi JT, et al. **Am J Psychol** 1985 Spring;98(1):101-18

Olfactory cuing of autobiographical memory. Rubin DC, et al. **Am J Psychol** 1984 Winter;97(4):493-507

Analysis of treatments to alleviate forgetting in rats. Smith GJ, et al. **Am J Psychol** 1984 Winter;97(4):475-91

Differential effects of high-level and low-level postpassage questions. Wilhite SC. **Am J Psychol** 1985 Spring; 98(1):41-58

Automatic processing of fundamental information: the case of frequency of occurrence. Hasher L, et al. **Am Psychol** 1984 Dec;39(12):1372-88 (120 ref.)

Memory dysfunctions: an integration of animal and human research from preclinical and clinical perspectives. **Ann NY Acad Sci** 1985;444:1-553

The avoidance of age differences in single-trial free recall. Bäckman L, et al. **Ann NY Acad Sci** 1985;444:523-4

Different memory systems underlying acquisition of procedural and declarative knowledge. Cohen NJ, et al. **Ann NY Acad Sci** 1985;444:54-71

Cue-consequence specificity and long-delay learning revisited. Domjan M. **Ann NY Acad Sci** 1985;443:54-66

Analysis of age-related impairments in learning and memory in rodent models. Ingram DK. **Ann NY Acad Sci** 1985; 444:312-31

An automatic encoding deficit in the amnesia of Korsakoff's syndrome. Kohl D, et al. **Ann NY Acad Sci** 1985;444:460-2

Distributed models of cognitive processes. Applications to learning and memory. McClelland JL. **Ann NY Acad Sci** 1985;444:1-9

The inaccessible, but intact engram: a challenge for animal models of memory dysfunction. Mactutus CF, et al. **Ann NY Acad Sci** 1985;444:465-8

Memory from infancy to old age: implications for theories of normal and pathological memory. Moscovitch M. **Ann NY Acad Sci** 1985;444:78-96

Memory complaints in depressed geriatric inpatients. Pettinati HM, et al. **Ann NY Acad Sci** 1985;444:528-30

Dissociations among processes in remote memory. Sagar HJ, et al. **Ann NY Acad Sci** 1985;444:533-5

Priming of old and new knowledge in amnesic patients and normal subjects. Schacter DL. **Ann NY Acad Sci** 1985; 444:41-53

Foraging, memory, and constraints on learning. Shettleworth SJ. **Ann NY Acad Sci** 1985;443:216-26

The neuropsychology of memory: new links between humans and experimental animals. Squire LR, et al. **Ann NY Acad Sci** 1985;444:137-49

The ecology of foraging behavior: implications for animal learning and memory. Kamil AC, et al. **Annu Rev Psychol** 1985;36:141-69 (174 ref.)

Reliability of mothers' reports of birth data. Oates RK, et al. **Aust Paediatr J** 1984 Aug;20(3):185-6

Persistence of working memory of rats in an aversively motivated radial maze task. Bolhuis JJ, et al. **Behav Brain Res** 1985 Jan;15(1):43-9

Stimulus selection in passive avoidance learning and retention: weanling, periadolescent, and young adult rats. Barrett BA, et al. **Behav Neural Biol** 1984 Sep;42(1):23-32

The effect of hypothermia on the rat's spatial memory in the water tank task. Panakhova E, et al. **Behav Neural Biol** 1984 Nov;42(2):191-6

Underestimation of recalled alcohol intake in relation to actual consumption. Poikolainen K. **Br J Addict** 1985 Jun; 80(2):215-6

Recall and recognition in depressives: use of matched tasks. Calev A, et al. **Br J Clin Psychol** 1985 May;24 (Pt 2):127-8

Selective memory effects in agoraphobic patients. Nunn JD, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):195-201

Memory testing [letter] Kellett JM. **Br J Hosp Med** 1985 May;33(5):298

Sleep and memory. Idzikowski C. **Br J Psychol** 1984 Nov; 75 (Pt 4):439-49

High speed memory scanning in retarded and non-retarded adolescents. Todman J, et al. **Br J Psychol** 1985 Feb;76 (Pt 1):49-57

Body-image consciousness and self-reference effects in face recognition. Mueller JH, et al. **Br J Soc Psychol** 1984 Sep; 23 (Pt 3):277-9

Effects of a concurrent memory task on hemispheric asymmetries in categorization. Hass EJ, et al. **Brain Cogn** 1985 Jan;4(1):13-26

Processes of verbal memory failure in Alzheimer-type dementia. Ober BA, et al. **Brain Cogn** 1985 Jan;4(1):90-103

Hemispheric asymmetry in memory search for four-letter names and human faces. O'Boyle MW. **Brain Cogn** 1985 Jan;4(1):104-32

Acquisition and retention of gestures by apraxic patients. Rothi LJ, et al. **Brain Cogn** 1984 Oct;3(4):426-37

Face memory and hemispheric preference: emotionality and extraversion. Thompson WB, et al. **Brain Cogn** 1984 Jul; 3(3):239-48

Feature-processing deficits following brain injury. I. Overselectivity in recognition memory for compound stimuli. Wayland S, et al. **Brain Cogn** 1985 Jul;4(3):338-55

Does part-set cuing test for memory organization? Evidence from reconstructions of chess positions. Watkins MJ, et al. **Can J Psychol** 1984 Sep;38(3):498-503

Development of knowledge about the use of cues to aid prospective retrieval. Beal CR. **Child Dev** 1985 Jun; 56(3):631-42

Children's memory for phonemically confusable and nonconfusable letters: changes with age and reading ability. Bisanz GL, et al. **Child Dev** 1984 Oct;55(5):1845-54

'Don't forget to take the cupcakes out of the oven': prospective memory, strategic time-monitoring, and context. Ceci SJ, et al. **Child Dev** 1985 Feb;56(1):152-64

Hyperactivity and incidental memory: evidence for attentional diffusion. Ceci SJ, et al. **Child Dev** 1984 Dec; 55(6):2192-203

Precursors of mnemonic strategies in very young children's memory. DeLoache JS, et al. **Child Dev** 1985 Feb; 56(1):125-37

Differences in memory retrieval: a construct validity investigation. List JA, et al. **Child Dev** 1985 Feb; 56(1):138-51

Memory demands and the development of young children's memory. Ratner HH. **Child Dev** 1984 Dec;55(6):2173-91

Verbal recall in schizophrenia: differential effect of retroactive interference in nonparanoid patients. Sengel RA, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):164-74

An intentional-action guiding algorithm in a user-programmable memory prosthesis. Colby KM, et al. **Comput Programs Biomed** 1984;18(3):165-72

Everyday forgetting experiences: real-time investigations with implications for the study of memory management in brain-damaged patients. Crovitz HF, et al. **Cortex** 1984 Sep;20(3):349-59

Investigation of everyday memory in normal subjects using the Subjective Memory Questionnaire (SMQ). McMillan TM. **Cortex** 1984 Sep;20(3):333-47

Verbal memory disturbances in left temporal lobe epileptics. Masui K, et al. **Cortex** 1984 Sep;20(3):361-8

The effect of sentence boundaries upon aphasic patients' immediate memory for connected speech. Ostergaard AL. **Cortex** 1984 Dec;20(4):591-7

The effects of closed head injury upon intrusions and confusions in free recall. Richardson JT. **Cortex** 1984 Sep; 20(3):413-20

Ontogenesis of learning: IV. Dissociation of memory and perceptual-altering processes mediating taste neophobia in the rat. Vogt MB, et al. **Dev Psychobiol** 1984 Nov; 17(6):601-11

The effects of retroactive and proactive interference on learning and memory in old and young rats. Winocur G. **Dev Psychobiol** 1984 Sep;17(5):537-45

Do TV pictures help people to remember the weather forecast? Wagenaar WA, et al. **Ergonomics** 1985 May; 28(5):765-72

Age differences in the effect of encoding congruence on incidental free and cued recall. Erber JT. **Exp Aging Res** 1984 Winter;10(4):221-3

Aging and recognition memory: methodological and interpretive problems. McCormack PD. **Exp Aging Res** 1984 Winter;10(4):215-9 (42 ref.)

Strategy use, recall, and recall organization in young, middle-aged, and elderly adults. Rankin JL, et al. **Exp Aging Res** 1984 Winter;10(4):193-6

Age differences in memory for movement. Toole T, et al. **Exp Aging Res** 1984 Winter;10(4):205-10

The link between memory performance, self-assessment, and affective status. West RL, et al. **Exp Aging Res** 1984 Winter; 10(4):197-200

Effects of relaxation and mnemonics on memory, attention and anxiety in the elderly. Yesavage JA, et al. **Exp Aging Res** 1984 Winter;10(4):211-4

Semantic elaboration and the method of loci: a new trip for older learners. Yesavage JA, et al. **Exp Aging Res** 1984 Autumn;10(3):155-9

An application of reminiscence in an activity setting. Perschbacher R. **Gerontologist** 1984 Aug;24(4):343-5

A variable-memory model of visual search. Arani T, et al. **Hum Factors** 1984 Dec;26(6):631-9

Storytelling as an age-dependent skill: oral recall of orally presented stories. Mergler NL, et al. **Int J Aging Hum Dev** 1984-85;20(3):205-28

Iconic memory and hypnotizability: processing speed, skill, or strategy differences? Acosta E Jr, et al. **Int J Clin Exp Hypn** 1985 Jul;33(3):236-45

The response criterion problem in tests of hypnosis and memory. Klatzky RL, et al. **Int J Clin Exp Hypn** 1985 Jul;33(3):246-57

Hypnosis and the learning and recall of visually presented material. Stager GL, et al. **Int J Clin Exp Hypn** 1985 Jan; 33(1):27-39

Different emotional tones significantly affect recognition performance in patients with Korsakoff psychosis. Markowitsch HJ, et al. **Int J Neurosci** 1984 Dec; 25(1-2):145-59

Lateral eye movement and dream recall. II: Sex differences and handedness. Van Nuys DW. **Int J Psychosom** 1984; 31(3):3-7

Comparison of verbal and nonverbal memory in elderly normal subjects and dementia patients. Omer H, et al. **Isr J Med Sci** 1985 Mar;21(3):283-7

Inferences of personality characteristics from earliest memories. Rosenheim E, et al. **Isr J Psychiatry Relat Sci** 1984;21(2):93-101

Recall of pleasant and unpleasant words in depressed subjects. McDowall J. **J Abnorm Psychol** 1984 Nov; 93(4):401-7

Enhancing visual memory: trying hypnosis, trying imagination, and trying again. Nogrady H, et al. **J Abnorm Psychol** 1985 May;94(2):195-204

Differential recall as a function of mood disorder in clinically depressed patients: between- and within-subject differences. Slife BD, et al. **J Abnorm Psychol** 1984 Nov; 93(4):391-400

Role of memories in lives of World War II orphans. Hogman F. **J Am Acad Child Psychiatry** 1985 Jul;24(4):390-6

Dietary recall method comparison for hospitalized elderly subjects. Evans HK, et al. **J Am Diet Assoc** 1985 Feb; 85(2):202-5

On the persistence of very early memory traces in psychoanalysis, myth, and religion. Almansi RJ. **J Am Psychoanal Assoc** 1983;31(2):391-421

Reconstruction of preverbal experiences. Anthi PR. **J Am Psychoanal Assoc** 1983;31(1):33-58

The kidnapping of W. S. Gilbert. Berman LE. **J Am Psychoanal Assoc** 1985;33(1):133-48

Eyewitness memory enhancement in the police interview: cognitive retrieval mnemonics versus hypnosis. Geiselman RE, et al. **J Appl Psychol** 1985 May;70(2):401-12

Use of hypnosis as an aid to eyewitness memory. Yuille JC, et al. **J Appl Psychol** 1985 May;70(2):389-400

Relationship of free-recall memory to hypertension in the elderly. The Iowa 65+ Rural Health Study. Wallace RB, et al. **J Chronic Dis** 1985;38(6):475-81

Does memory impairment exist in narcolepsy-cataplexy? Aguirre M, et al. **J Clin Exp Neuropsychol** 1985 Feb; 7(1):14-24

Memory for recent U.S. presidents in patients with cerebral disease. Hamsher KD, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):1-13

Selective reminding test: an examination of the equivalence of four forms. Hannay HJ, et al. **J Clin Exp Neuropsychol** 1985 Jun;7(3):251-63

Utility of the Seashore Tonal Memory Test in neuropsychological assessment. Karzmark P, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):367-74

Some amnesic patients can freely recall large amounts of information in new contexts. Kovner R, et al. **J Clin Exp Neuropsychol** 1985 Aug;7(4):395-411

Remediation of memory disorders: experimental evaluation of the spaced-retrieval technique. Schacter DL, et al. **J Clin Exp Neuropsychol** 1985 Feb;7(1):79-96

Assessing children's copy productions of the Rey-Osterrieth Complex Figure. Waber DP, et al. **J Clin Exp Neuropsychol** 1985 Jun;7(3):264-80

Memory and medication compliance. Norell SE. **J Clin Hosp Pharm** 1985 Mar;10(1):107-9

Cued recall in amnesia. Buschke H. **J Clin Neuropsychol** 1984 Nov;6(4):433-40

Olfactory precipitants of flashbacks in posttraumatic stress disorder: case reports. Kline NA, et al. **J Clin Psychiatry** 1985 Sep;46(9):383-4

Age differences in Wechsler Memory Scale performance. Margolis RB, et al. **J Clin Psychol** 1984 Nov;40(6):1442-9

Influence of depression and alcoholism on learning, recall, and recognition. Query WT, et al. **J Clin Psychol** 1984 Jul;40(4):1097-100

Developmental analysis of the Wechsler Memory Scale. Zagar R, et al. **J Clin Psychol** 1984 Nov;40(6):1466-73

Mental imagery and intraoral local anesthesia. Walsh MM, et al. **J Dent Educ** 1984 Dec;48(12):653-8

The retention of cardiopulmonary resuscitation skills. Sternbach GL, et al. **J Emerg Med** 1984;2(1):33-6

A developmental study of learning disabilities and memory. Ceci SJ. **J Exp Child Psychol** 1984 Oct;38(2):352-71

Free recall of concrete and abstract words in poor and normal readers. Vellutino FR, et al. **J Exp Child Psychol** 1985 Apr; 39(2):363-80

Flexible memory processing by rats: use of prospective and retrospective information in the radial maze. Cook RG, et al. **J Exp Psychol [Anim Behav]** 1985 Jul;11(3):453-69

Serial position curves in rats: automatic versus effortful information processing. DiMattia BV, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):557-63

Forgetting of visual discriminations by pigeons. Kraemer PJ. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):530-42

Pigeon memory: same/different concept learning, serial probe recognition acquisition, and probe delay effects on the serial-position function. Santiago HC, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):498-512

Monkey memory: same/different concept learning, serial probe acquisition, and probe delay effects. Wright AA, et al. **J Exp Psychol [Anim Behav]** 1984 Oct;10(4):513-29

Mood, recall, and selectivity effects in normal college students. Hasher L, et al. **J Exp Psychol [Gen]** 1985 Mar; 114(1):104-18

The fate of memory: comment on McCloskey and Zaragoza. Loftus EF, et al. **J Exp Psychol [Gen]** 1985 Sep; 114(3):375-87

Distributed memory and the representation of general and specific information. McClelland JL, et al. **J Exp Psychol [Gen]** 1985 Jun;114(2):159-97

Misleading postevent information and memory for events: arguments and evidence against memory impairment hypotheses. McCloskey M, et al. **J Exp Psychol [Gen]** 1985 Mar;114(1):1-16

Memorability as a measure of processing: a unit analysis of prose and list learning. Rubin DC. **J Exp Psychol [Gen]** 1985 Jun;114(2):213-38

Building permanent memory codes: codification and repetition effects in word identification. Salasoo A, et al. **J Exp Psychol [Gen]** 1985 Mar;114(1):50-77

How much is an icon worth? Loftus GR, et al. **J Exp Psychol [Hum Percept]** 1985 Feb;11(1):1-13

Effects of priming in word retrieval. Bowles NL, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr;11(2):272-83

Emotional mood states and retrieval in episodic memory. Ellis HC, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr;11(2):363-70

Implicit and explicit memory for new associations in normal and amnesic subjects. Graf P, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):501-18

Levels of processing and picture memory: the physical superiority effect. Intraub H, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr;11(2):284-98

A test of the differences between anticipation and study-test methods of paired-associate learning. Izawa C. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):165-84

Do alcoholic Korsakoff's syndrome patients acquire affective reactions? Johnson MK, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):22-36

Metacomprehension of text material. Maki RH, et al. **J Exp Psychol [Learn Mem Cogn]** 1984 Oct;10(4):663-79

Prior knowledge and memory: the influence of natural category size as a function of intention and distraction. Nelson DL, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):94-105

Ebbinghaus's contribution to the measurement of retention: savings during relearning. Nelson TO. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):472-9

Encoding and retrieval processes in the memory for conceptually distinctive events. Schmidt SR. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):565-78

Independence of recognition memory and priming effects: a neuropsychological analysis. Squire LR, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):37-44

Associative storage and retrieval processes in person memory. Srull TK, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr;11(2):316-45

The lag effect and differential organization theory: nine failures to replicate. Toppino TC, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jan;11(1):185-91

Reminding as a basis for temporal judgments. Winograd E, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr; 11(2):262-71

Picture recognition improves with subsequent verbal information. Wiseman S, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):588-95

Age of acquisition and meaningfulness as predictors of word availability. Baumeister AA. **J Gen Psychol** 1985 Jan; 112(1):109-12

The identity model and factors controlling the superiority of the study-test method over the anticipation method. Izawa C. **J Gen Psychol** 1985 Jan;112(1):65-78

The role of detail information in the recognition of complex pictorial stimuli. Weaver GE, et al. **J Gen Psychol** 1984 Oct;111(2ND Half):185-99

Rote and gist memory in relation to type of information, sensory mode, and age. McDowd J, et al. **J Genet Psychol** 1984 Dec;145(2D Half):167-78

Aging and retrieval of words in semantic memory. Bowles NL, et al. **J Gerontol** 1985 Jan;40(1):71-7

The effects of presentation rate and encoding task on age-related memory deficits. Craik FI, et al. **J Gerontol** 1985 May;40(3):309-15

Autobiographical memory across the life-span. Fitzgerald JM, et al. **J Gerontol** 1984 Nov;39(6):692-8

The Birren hypothesis of generalized slowing of the central nervous system with age [letter] Gottsdanker R. **J Gerontol** 1985 Sep;40(5):655

Aging and delay effects on recognition of words and designs. Harker JO, et al. **J Gerontol** 1985 Sep;40(5):601-4

Age differences in response accuracy for factual survey questions. Herzog AR, et al. **J Gerontol** 1985 May; 40(3):350-7

Prediction and evaluation of memory performance by young and old adults. Lovelace EA, et al. **J Gerontol** 1985 Mar; 40(2):192-7

Memory for self-generated stimuli in young and old adults. McFarland CE Jr, et al. **J Gerontol** 1985 Mar;40(2):205-7

Age-related slowing in the retrieval of information from long-term memory. Madden DJ. **J Gerontol** 1985 Mar; 40(2):208-10

Older adults' memory for the color of pictures and words. Park DC, et al. **J Gerontol** 1985 Mar;40(2):198-204

Adult age differences in memory elaboration. Rankin JL, et al. **J Gerontol** 1985 Jul;40(4):451-8

Brain glucose metabolism and memory functions: age decrease in factor scores. Riege WH, et al. **J Gerontol** 1985 Jul;40(4):459-67

Memory-skills training, memory complaints, and depression in older adults. Scogin F, et al. **J Gerontol** 1985 Sep; 40(5):562-8

Measuring life stress: factors affecting fall-off in the reporting of life events. Funch DP, et al. **J Health Soc Behav** 1984 Dec;25(4):453-64

Multiple defects in the activity of adenylate cyclase from the Drosophila memory mutant rutabaga. Dudai Y, et al. **J Neurochem** 1985 Aug;45(2):355-64

Recognition memory in Parkinson's disease. Flowers KA, et al. **J Neurol Neurosurg Psychiatry** 1984 Nov; 47(11):1174-81

Negative ions and behavior: impact on mood, memory, and aggression among type A and type B persons. Baron RA, et al. **J Pers Soc Psychol** 1985 Mar;48(3):746-54

Effects of stereotypes on decision making and information-processing strategies. Bodenhausen GV, et al. **J Pers Soc Psychol** 1985 Feb;48(2):267-82

Effects of instructions to disregard information on its subsequent recall and use in making judgments. Wyer RS Jr, et al. **J Pers Soc Psychol** 1985 Mar;48(3):533-49

Event memory: the effects of processing objectives and time delay on memory for action sequences. Wyer RS Jr, et al. **J Pers Soc Psychol** 1985 Aug;49(2):301-16

Parallel-form reliability of the Wechsler Memory Scale in a geriatric population with suspected dementia. Margolis

RB, et al. **J Psychol** 1985 Jan;119(1):81-5

Auditory and visual imagery in free recall. Winnick WA, et al. **J Psychol** 1984 Sep;118(1ST Half):17-29

The effect of factivity on lexical retrieval and postlexical processes during eye fixations in reading. Inhoff AW. **J Psycholinguist Res** 1985 Jan;14(1):45-56

Written narratives of deaf and hearing students: story recall and inference. Sarachan-Deily AB. **J Speech Hear Res** 1985 Mar;28(1):151-9

Temporal integration of tone glides by children with auditory-memory and reading problems. Tobey EA, et al. **J Speech Hear Res** 1984 Dec;27(4):527-33

Impaired memory for treatment-relevant information in inpatient men alcoholics. Becker JT, et al. **J Stud Alcohol** 1984 Jul;45(4):339-43

Scientific status of refreshing recollection by the use of hypnosis. Council on Scientific Affairs. **JAMA** 1985 Apr 5;253(13):1918-23

Vascular disease, senility, and dementia [letter] **Lancet** 1985 Jan 19;1(8421):173-4

The structure of medical knowledge in the memories of medical students and general practitioners: categories and prototypes. Bordage G, et al. **Med Educ** 1984 Nov;18(6):406-16

Recall of medical information by students and doctors. Claessen HF, et al. **Med Educ** 1985 Jan;19(1):61-7

Memory and molecular turnover [news] Crick F. **Nature** 1984 Nov 8-14;312(5990):101

Animal models of infantile amnesia, benign senescent forgetfulness, and senile dementia. Campbell BA, et al. **Neurobehav Toxicol Teratol** 1984 Nov-Dec;6(6):467-71

Effects of aging and dementia upon recent visuospatial memory. Flicker C, et al. **Neurobiol Aging** 1984 Winter;5(4):275-83

The temporal pattern of retrograde amnesia in Korsakoff's disease. Seltzer B, et al. **Neurology** 1974 Jun;24(6):527-30

Interaction between lateralization of memory and probe stimulus in the recognition of verbal and spatial visual stimuli. Berrini R, et al. **Neuropsychologia** 1984;22(4):517-20

Relationship between changes in hemispheric advantage during familiarization to faces and proficiency in facial recognition. Ross-Kossak P, et al. **Neuropsychologia** 1984;22(4):471-7

Cognitive rehabilitation of amnesic alcoholics: a twelve month follow-up study. Godfrey HP, et al. **NZ Med J** 1985 Aug 14;98(784):650-1

Memory of dental pain. Kent G. **Pain** 1985 Feb;21(2):187-94

Organization in children's recall of information about movement. Canabal-Torres MY, et al. **Percept Mot Skills** 1984 Aug;59(1):139-42

Control in memory for movement cues by mentally retarded children. Horgan JS. **Percept Mot Skills** 1985 Apr;60(2):439-44

Cognitive processing capacity and heart rate in recognition memory for numbers and random shapes. Kribbs NB, et al. **Percept Mot Skills** 1984 Aug;59(1):241-2

Effect of depth of processing on recognition memory for normal and inverted photographs of faces. McKelvie SJ. **Percept Mot Skills** 1985 Apr;60(2):503-8

Reported visual imagery for faces and facial recognition memory. McKelvie SJ. **Percept Mot Skills** 1984 Dec;59(3):825-6

Cognitive antecedents of dream recall. Martinetti RF. **Percept Mot Skills** 1985 Apr;60(2):395-401

New estimate for storage time in sensory memory. Purdy JE, et al. **Percept Mot Skills** 1984 Dec;59(3):683-6

Accuracy of remembering postdelivery pain. Rofé Y, et al. **Percept Mot Skills** 1985 Feb;60(1):99-105

Cerebral specialization and hemispheric performance asymmetries in narrative memory. Wingfield A, et al. **Percept Mot Skills** 1984 Aug;59(1):39-42

Psychophysical functions for perceived and remembered distance. Bradley DR, et al. **Perception** 1984;13(3):315-20

Hippocampal denervation causes rapid forgetting of olfactory information in rats. Stäubli U, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5885-7

What is 'recall bias' and does it exist? Lippman A, et al. **Prog Clin Biol Res** 1985;163C:205-9

On short and long auditory stores. Cowan N. **Psychol Bull** 1984 Sep;96(2):341-70 (161 ref.)

Subtest scores of a comprehensive examination of medical knowledge as a function of retention interval. Hojat M, et al. **Psychol Rep** 1984 Oct;55(2):579-86

The effects of noise on the processing of global shape and local detail. Smith AP. **Psychol Res** 1985;47(2):103-8

Levels of processing, encoding specificity, elaboration, and CHARM. Eich JM. **Psychol Rev** 1985 Jan;92(1):1-38

Movement cues and body orientation in recall of locations by blind and sighted children. Millar S. **Q J Exp Psychol [A]** 1985 May;37(2):257-79

Retroactive interference in rats: independent effects of time and similarity of the intervening event with respect to acquisition. Miller RR, et al. **Q J Exp Psychol [B]** 1985 May;37(2):81-100

Perceptual-motor and memory performance of high-risk children. Lifshitz M, et al. **Schizophr Bull** 1985;11(1):74-84

Calcium-mediated reduction of ionic currents: a biophysical memory trace. Alkon DL. **Science** 1984 Nov 30;226(4678):1037-45

[The ontogenesis of memory functions] Mysliveček J. **Cesk Fysiol** 1984;33(5):414-32 (82 ref.) **(Cze)**

[Test-retest reliability of category-bound word production in psychogeriatrics] Diesfeldt HF. **Tijdschr Gerontol Geriatr** 1985 Feb;16(1):17-20 (Eng. Abstr.) **(Dut)**

[Representational and non-representational properties in the analysis of concepts] Denis M. **Annee Psychol** 1984;84(3):327-45 (Eng. Abstr.) **(Fre)**

[Geometric demonstration of clustering in free recall data] Geyer M. **Arch Psychol (Frankf)** 1984;136(4):269-80 (Eng. Abstr.) **(Ger)**

[Extraction of significance from stories: a production system for the generation of macro- from microstructures] Hoppe F. **Arch Psychol (Frankf)** 1984;136(1):63-76 (Eng. Abstr.) **(Ger)**

[Memory related training in advanced age] Fleischmann UM. **Rehabilitation (Stuttg)** 1985 Feb;24(1):36-8 (Eng. Abstr.) **(Ger)**

[Value of the levels of processing approach--text learning in an age cross-section of psychotic patients and normal probands] Berger-Zenk H, et al. **Z Exp Angew Psychol** 1985;32(1):3-20 (Eng. Abstr.) **(Ger)**

[Memory psychological aspects of patient education studied with the example of cerebral angiography] Redecker T, et al. **Z Exp Angew Psychol** 1985;32(2):301-19 (Eng. Abstr.) **(Ger)**

[Task related information processing and generation effects in picture materials] Wippich W. **Z Exp Angew Psychol** 1985;32(2):340-52 (Eng. Abstr.) **(Ger)**

[Ecologic validity of gerontopsychologic memory research] Heineken E. **Z Gerontol** 1984 Sep-Oct;17(5):285-93 (Eng. Abstr.) **(Ger)**

[Experimental psychologic analysis of memory processes in phobic patients] Streblow H, et al. **Z Psychol** 1985;193(1-2):147-61 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

The effects of scopolamine upon verbal memory: evidence for an attentional hypothesis. Dunne MP, et al. **Acta Psychol (Amst)** 1985 Mar;58(3):205-17

Memory for events occurring under anesthesia. Loftus EF, et al. **Acta Psychol (Amst)** 1985 Jul;59(2):123-8

Alfentanil and memory function. A comparison with fentanyl for day case termination of pregnancy. Kennedy DJ, et al. **Anaesthesia** 1985 Jun;40(6):537-40

Mediation of storage and retrieval with two drugs that selectively modulate serotonergic neurotransmission. Altman HJ. **Ann NY Acad Sci** 1985;444:496-8

Pharmacological effect of phosphatidylserine on age-dependent memory dysfunction. Calderini G, et al. **Ann NY Acad Sci** 1985;444:504-6

Animal models of environmentally induced memory impairment. Evans HL, et al. **Ann NY Acad Sci** 1985;444:513-4

Arginine vasopressin inoculates against age-related changes in temporal memory. Meck WH, et al. **Ann NY Acad Sci** 1985;444:453-6

Locus coeruleus as a target for psychogeriatric agents. Olpe HR, et al. **Ann NY Acad Sci** 1985;444:394-405

Effects of aniracetam upon the delayed matching-to-sample performance of monkeys and pigeons. Pontecorvo MJ, et al. **Ann NY Acad Sci** 1985;444:531-2

The effects of aniracetam (Ro 13-5057) on the enhancement and protection of memory. Vincent G, et al. **Ann NY Acad Sci** 1985;444:489-91

AF64A produces long-term cognitive impairments following infusion into the lateral cerebral ventricles or the dorsal hippocampus. involvement of hippocampal cholinergic processes in learning and memory. Walsh TJ, et al. **Ann NY Acad Sci** 1985;444:538-40

Vasopressin effects on food-rewarded learning tasks might be due to its action on carbohydrate/lipid metabolism, not memory. Crine AF. **Appetite** 1984 Sep;5(3):233-8

Memory deficits subsequent to chronic consumption of alcohol in mice: an analysis based on spontaneous alternation behavior. Beracochea D, et al. **Behav Brain Res** 1985 Jan;15(1):15-25

Pharmacological protection against hypoxia-induced effects on medium-term memory in a two-way avoidance paradigm. Clincke GH, et al. **Behav Brain Res** 1984 Nov;14(2):139-42

Intracerebroventricular application of a vasopressin antagonist peptide prevents the behavioral actions of vasopressin. Ettenberg A. **Behav Brain Res** 1984 Dec;14(3):201-11

Physostigmine reverses memory deficits produced by pretraining electrical stimulation of the dorsal hippocampus in mice. Micheau J, et al. **Behav Brain Res** 1985 Apr;15(2):75-81

Effects of tifluadom on passive avoidance behaviour in DBA/2 mice. Pavone F, et al. **Behav Brain Res** 1985 May;15(3):177-81

The effects of intravenous diazepam and hyoscine upon recognition memory. Richardson JT, et al. **Behav Brain Res** 1984 Dec;14(3):193-9

Intracerebroventricular apomorphine alleviates spontaneous forgetting and increases cortical noradrenaline. Sara SJ, et al. **Behav Brain Res** 1984 Jul;13(1):43-52

Amphetamine disrupts both working and reference memories of rats trained in a radial maze. Beatty WW, et al. **Behav Neural Biol** 1984 Nov;42(2):169-76

Pentoxifylline reverses age-related deficits in spatial memory. de Toledo-Morrell L, et al. **Behav Neural Biol** 1984 Sep;42(1):1-8

The impairment of retention induced by beta-endorphin in mice may be mediated by a reduction of central cholinergic activity. Introini IB, et al. **Behav Neural Biol** 1984 Jul;41(2):152-63

Post-trial injection of atropine into the caudate nucleus interferes with long-term but not with short-term retention of passive avoidance. Prado-Alcalá RA, et al. **Behav Neural Biol** 1984 Sep;42(1):81-4

Effects of D-galactosamine and D-glucosamine on retention performance of a brightness discrimination task in rats. Popov N. **Biomed Biochim Acta** 1985;44(4):611-22

Benzodiazepines and memory. Roth T, et al. **Br J Clin Pharmacol** 1984;18 Suppl 1:45S-49S

Impairment of long-term potentiation in rat hippocampus following chronic ethanol treatment. Durand D, et al. **Brain Res** 1984 Aug 13;308(2):325-32

Olfactory discrimination learning is blocked by leupeptin, a thiol protease inhibitor. Stäubli U, et al. **Brain Res** 1985 Jul 1;337(2):333-6

Influence of ACTH 4-10 and unilateral ECT on primary and secondary memory in depressive patients. Frederiksen SO, et al. **Eur Arch Psychiatry Neurol Sci** 1985;234(5):291-4

A kappa-selective opioidergic pathway is involved in the reversal of a behavioural effect of adrenalectomy. Jefferys D, et al. **Eur J Pharmacol** 1985 Jan 8;107(3):331-5

Lorazepam in cancer patients treated with cisplatin: a drug having antiemetic, amnesic, and anxiolytic effects. Laszlo J, et al. **J Clin Oncol** 1985 Jun;3(6):864-9

Anterograde amnesia with oral lorazepam. Mac DS, et al. **J Clin Psychiatry** 1985 Apr;46(4):137-8

Increased sensitivity of the elderly to the central depressant effects of diazepam. Pomara N, et al. **J Clin Psychiatry** 1985 May;46(5):185-7

An evaluation of the amnesic effects of diazepam sedation. Laskin JL, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):712-6

The effects of dieldrin and chlordimeform on learning and memory in the cockroach, Periplaneta americana: a study in behavioral toxicology. Topinka MA, et al. **J Toxicol Environ Health** 1984;13(4-6):705-19

Effect of idebenone (CV-2619) on memory impairment observed in passive avoidance task in rats with cerebral embolization. Kiyota Y, et al. **Jpn J Pharmacol** 1985 Mar;37(3):300-2

Interaction of choline and scopolamine in human memory. Mohs RC, et al. **Life Sci** 1985 Jul 15;37(2):193-7

Behavioral methods for measuring effects of drugs on learning and memory in animals. Heise GA. **Med Res Rev** 1984 Oct-Dec;4(4):535-58 (79 ref.)

Correlations between the effects of CNS stimulants on memory processes and open field behavior of rats: the importance of brain cholinergic activity. Yonkov DI. **Methods Find Exp Clin Pharmacol** 1985 Mar;7(3):113-8

Behavioral effects of phosphatidylserine in the aged Fischer 344 rat: amelioration of passive avoidance deficits without changes in psychomotor task performance. Corwin J, et al. **Neurobiol Aging** 1985 Spring;6(1):11-5

Effects of dietary choline on memory and brain chemistry in aged mice. Mizumori SJ, et al. **Neurobiol Aging** 1985 Spring;6(1):51-6

Drugs as research tools in psychology: cholinergic drugs and information processing. Warburton DM, et al. **Neuropsychobiology** 1984;11(2):121-32

Comparative activity of memory-modulating neuropeptides before and after electric shock in white rats. Medvedev VI, et al. **Neurosci Behav Physiol** 1985 May-Jun;15(3):240-6

The amnesic action of benzodiazepines in man. Lister RG. **Neurosci Biobehav Rev** 1985 Spring;9(1):87-94 (89 ref.)

Some evidence for amnesic-like effects of benzodiazepines in animals. Thiébot MH. **Neurosci Biobehav Rev** 1985 Spring;9(1):95-100 (42 ref.)

Choice, as opposed to latency, measures in avoidance suggest that vasopressin and oxytocin do not affect memory in rats. Sahgal A, et al. **Neurosci Lett** 1984 Aug 10;48(3):299-304

Vasopressin analog (DDAVP) improves memory in human males. Beckwith BE, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):819-22

Vasopressin does not enhance memory processes: a study in human twins. Fehm-Wolfsdorf G, et al. **Peptides (Fayetteville)** 1985 Mar-Apr;6(2):297-300

The effect of chronic vs. acute injection of vasopressin on animal learning and memory. Hamburger-Bar R, et al. **Peptides (Fayetteville)** 1985 Jan-Feb;6(1):23-5

Scopolamine degrades spatial working memory but spares spatial reference memory: dissimilarity of anticholinergic effect and restriction of distal visual cues. Beatty WW, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):1-6

Manipulations of 5-HT activity and memory in the rat. Lalonde R, et al. **Pharmacol Biochem Behav** 1985 Mar;22(3):377-82

Enhancement of memory by a cholinesterase inhibitor associated with muscarinic receptor down-regulation. Lerer B, et al. **Pharmacol Biochem Behav** 1984 Sep;21(3):467-9

Habituation of exploratory activity in mice: effects of combinations of piracetam and choline on memory processes. Platel A, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):209-12

The conditioned place preference is affected by two independent reinforcement processes. White NM, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):37-42

Individual differences in the effects of clobazam on memory functions--clobazam and memory. Koeppen D, et al. **Pharmacopsychiatry** 1985 Jan;18(1):12-4

Marijuana effects on semantic memory: verification of common and uncommon category members. Block RI, et al. **Psychol Rep** 1984 Oct;55(2):503-12

Human memory and neurohypophyseal hormones: opposite effects of vasopressin and oxytocin. Fehm-Wolfsdorf G, et al. **Psychoneuroendocrinology** 1984;9(3):285-92

Influence on memory of posttraining or pre-test injections of ACTH, vasopressin, epinephrine, and beta-endorphin, and their interaction with naloxone. Izquierdo I, et al. **Psychoneuroendocrinology** 1985;10(2):165-72

Memory enhancement: supra-additive effect of subcutaneous cholinergic drug combinations in mice. Flood JF, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):61-7

Hashish extract impairs retention of defeat-induced submissive behavior in mice. Frischknecht HR, et al. **Psychopharmacology (Berlin)** 1985;86(3):270-3

Nicotine-produced relearning deficit in C57BL/6J and DBA/2J mice. Gilliam DM, et al. **Psychopharmacology (Berlin)** 1985;86(3):291-5

Diazepam and memory: retrograde facilitation produced by interference reduction. Hinrichs JV, et al. **Psychopharmacology (Berlin)** 1984;84(2):158-62

Enhancing effects of Hoe 175 on memory in mice. Hock FJ, et al. **Psychopharmacology (Berlin)** 1985;86(1-2):114-7

Effects of two antidepressants on memory performance in depressed outpatients: a double-blind study. Lamping DL, et al. **Psychopharmacology (Berlin)** 1984;84(2):254-61

Attention, memory, and cigarette smoking. Peeke SC, et al. **Psychopharmacology (Berlin)** 1984;84(2):205-16

Effects of phenobarbital, clonazepam, valproic acid, ethosuximide, and phenytoin on the delayed matching-to-sample performance of pigeons. Picker M, et al. **Psychopharmacology (Berlin)** 1985;86(4):494-8

Effect of the memory-improving substance methylglucamine orotate on paradoxical sleep in rats. Wetzel W, et al. **Psychopharmacology (Berlin)** 1984;83(4):380-3

The effects of intravenous diazepam and hyoscine upon human memory. Frith CD, et al. **Q J Exp Psychol [A]** 1984 Feb;36(1):133-44

[Anxiolytics and mnemonic ability of the aged subject. Apropos of a double-blind study between tiapride and lorazepam] Leger JM, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):696-702 (Eng. Abstr.) **(Fre)**

[Mechanisms of enkephalin action on learning and memory processes] Kruglikov RI, et al. **Biol Nauki** 1984;(12):45-9 (Eng. Abstr.) **(Rus)**

[Antagonism of piracetam with proline in relation to mnestic effects] Ostrovskaia RU, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):311-4 (Eng. Abstr.) **(Rus)**

[The pharmacology of memory (results and prospects)] Borodkin IuS, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):983-9 (41 ref.) (Eng. Abstr.) **(Rus)**

[Effect of vasopressin on long-term memory (psychophysiological and clinical aspects)] Morozov GV, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):990-6 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Catecholamine microfluorometry of nigral perikarya and tyrosine hydroxylase assay in some telencephalic structures of rats exposed to different behavioral situations. Divac I, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(6):262-72

Thalamic mechanisms underlying acquisition of latch-box problems in the white rat. Thompson R, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(3):105-20

Hypothalamic neuropeptides and memory. van Wimersma Greidanus TB, et al. **Acta Neurochir (Wien)** 1985; 75(1-4):99-105

An attempt to distinguish between kinematic and motor memory components. Zimmer HD, et al. **Acta Psychol (Amst)** 1985 Jan;58(1):81-106

Neocortical involvement in the acquisition and retention of learned alcohol aversions in rats. Kiefer SW, et al. **Alcohol** 1985 Jul-Aug;2(4):597-601

A critical review of the role of the cholinergic system in human memory and cognition. Davies P. **Ann NY Acad Sci** 1985;444:212-7

Electrophysiological markers of aging and memory loss in rats. De Toledo-Morrell L, et al. **Ann NY Acad Sci** 1985; 444:296-311

Normal learning set and facilitation of reversal learning in rats with combined fornix-amygdala lesions: implications for preserved learning abilities in amnesia. Fagan A, et al. **Ann NY Acad Sci** 1985;444:510-2

Animal and human memory dysfunctions associated with aging, cholinergic lesions, and senile dementia. Flicker C, et al. **Ann NY Acad Sci** 1985;444:515-7

The influence of sex steroids on human nonverbal memory processes. Gabrieli JD, et al. **Ann NY Acad Sci** 1985; 444:457-9

Lesions in nucleus basalis magnocellularis and medial septal area of rats produce similar memory impairments in appetitive and non-appetitive behavioral tasks. Hepler D, et al. **Ann NY Acad Sci** 1985;444:518-9

Correspondence between humans and animals in coding of temporal attributes: role of hippocampus and prefrontal cortex. Kesner RP. **Ann NY Acad Sci** 1985;444:122-36

Arginine vasopressin, stress, and memory. Koob GF, et al. **Ann NY Acad Sci** 1985;444:194-202

Auditory emotional memories: establishment by projections from the medial geniculate nucleus to the posterior neostriatum and/or dorsal amygdala. LeDoux JE, et al. **Ann NY Acad Sci** 1985;444:463-4

Peripheral and central adrenergic influences on brain systems involved in the modulation of memory storage. McGaugh JL. **Ann NY Acad Sci** 1985;444:150-61

Searching for models of Alzheimer's disease: a comparison of four amnestic treatments in two behavioral tasks. Murphy DE, et al. **Ann NY Acad Sci** 1985;444:450-2

Phosphoprotein regulation of memory formation: enhancement and control of synaptic plasticity by protein kinase C and protein F1. Routtenberg A. **Ann NY Acad Sci** 1985;444:203-11

Noradrenergic modulation of selective attention: its role in memory retrieval. Sara SJ. **Ann NY Acad Sci** 1985; 444:178-93

Neural systems of the non-human primate forebrain implicated in memory. Van Hoesen GW. **Ann NY Acad Sci** 1985;444:97-112

A disconnection analysis of amnesia. Warrington EK. **Ann NY Acad Sci** 1985;444:72-7

An electrophysiological method for examining the effects of potential therapeutic agents on memory function. Wible CG, et al. **Ann NY Acad Sci** 1985;444:494-5

Memory function and brain biochemistry in normal aging and in senile dementia. Winblad B, et al. **Ann NY Acad Sci** 1985;444:255-68

Spontaneous and delayed spatial alternation following damage to specific neuronal elements within the nucleus medianus raphe. Asin KE, et al. **Behav Brain Res** 1984 Sep;13(3):241-50

Comparative characteristics of unit activity in the prefrontal and parietal areas during delayed performance in monkeys. Batuev AS, et al. **Behav Brain Res** 1985 Jul;16(1):57-70

Depletion of adrenal catecholamines alters the amnestic effect of amygdala stimulation. Bennett C, et al. **Behav Brain Res** 1985 Apr;15(2):83-91

The effect of hypoxia on the acquisition of a two-way avoidance task in the guinea-pig. Clincke GH, et al. **Behav Brain Res** 1984 Nov;14(2):131-7

Recovery from hypobaric hypoxia in the rabbit. Dogterom GJ, et al. **Behav Brain Res** 1984 Nov;14(2):123-30

Peripheral epinephrine modulates the effects of post-training amygdala stimulation on memory. Liang KC, et al. **Behav Brain Res** 1985 Apr;15(2):93-100

Does amnesia after transection of the fornix in monkeys reflect abnormal sensitivity to proactive interference? Owen MJ, et al. **Behav Brain Res** 1984 Dec;14(3):183-92

Impairment in T-maze reinforced alternation performance following nucleus basalis magnocellularis lesions in rats. Salamone JD, et al. **Behav Brain Res** 1984 Jul;13(1):63-70

Retention of a classically conditioned reflex response in spinal cat. Durkovic RG. **Behav Neural Biol** 1985 Jan;43(1):12-20

Working memory theory of hippocampal function needs qualification. Leis T, et al. **Behav Neural Biol** 1984 Nov; 42(2):140-57

Differential effects of electroconvulsive shock on concurrent spatial memories: 'old' memories are impaired while 'new' memories are spared. Maki WS. **Behav Neural Biol** 1985 Mar;43(2):162-77

Brain catecholamines and memory modulation: effects of footshock, amygdala implantation, and stimulation. Welsh KA, et al. **Behav Neural Biol** 1985 Mar;43(2):119-31

An early and a late developing system for learning and retention in infant monkeys. Bachevalier J, et al. **Behav Neurosci** 1984 Oct;98(5):770-8

Age-dependent deficits in spatial memory are related to impaired hippocampal kindling. de Toledo-Morrell L, et al. **Behav Neurosci** 1984 Oct;98(5):902-7

On the role of hippocampal connections in the performance of place and cue tasks: comparisons with damage to hippocampus. Jarrard LE, et al. **Behav Neurosci** 1984 Dec; 98(6):946-54

Chemosensory and hormonal mediation of social memory in male rats. Sawyer TF, et al. **Behav Neurosci** 1984 Oct; 98(5):908-13

Parallel processing for associative and neuronal networks. Palm G, et al. **Biol Cybern** 1984;51(3):201-4

Icon formation in chronic schizophrenics. Schwartz BD, et al. **Biol Psychiatry** 1985 Sep;20(9):1015-8

Autonomic arousal in an antenatal clinic and its association with recall of information about pregnancy. Trust J, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):229-30

The brain-fag syndrome in Nigeria: cognitive deficits in an illness associated with study. Morakinyo O. **Br J Psychiatry** 1985 Feb;146:209-10

Selective impairment of declarative memory following stimulation of dentate gyrus granule cells: a naloxone-sensitive effect. Collier TJ, et al. **Brain Res** 1984 Sep 24;310(2):384-7

Late post-learning effect of entorhinal cortex electrical stimulation persists despite destruction of the perforant path. Gauthier M, et al. **Brain Res** 1984 Sep 17;310(1):174-9

Lesioning of the rat basal forebrain leads to memory impairments in passive and active avoidance tasks. Miyamoto M, et al. **Brain Res** 1985 Feb 25;328(1):97-104

During stepwise cue deletion, rat place behaviors correlate with place unit responses. Pico RM, et al. **Brain Res** 1985 Mar 25;330(2):369-72

Hippocampal unit activity and delayed response in the monkey. Watanabe T, et al. **Brain Res** 1985 Jan 28; 325(1-2):241-54

Adaptive plasticity in the spinal stretch reflex: an accessible substrate of memory? Wolpaw JR. **Cell Mol Neurobiol** 1985 Jun;5(1-2):147-65

Basal ganglia links for movement, mood and memory. **Ciba Found Symp** 1984;107:103-13

Selective reminding in normal and demented aged people: auditory verbal versus visual spatial task. Muramoto O. **Cortex** 1984 Dec;20(4):461-78

The amygdala's role in human mnemonic processing. Sarter M, et al. **Cortex** 1985 Mar;21(1):7-24 (95 ref.)

Spatial memory of children and adults assessed in the radial maze. Aadland J, et al. **Dev Psychobiol** 1985 Mar; 18(2):163-72

Mamillary-body lesions and visual recognition in monkeys. Aggleton JP, et al. **Exp Brain Res** 1985;58(1):190-7

Visual recognition in monkeys: effects of transection of fornix. Bachevalier J, et al. **Exp Brain Res** 1985; 57(3):547-53

Visual recognition in monkeys: effects of separate vs. combined transection of fornix and amygdalofugal pathways. Bachevalier J, et al. **Exp Brain Res** 1985; 57(3):554-61

Combined lesions of septum, amygdala, hippocampus, anterior thalamus, mamillary bodies and cingulate and subicular cortex fail to impair the acquisition of complex learning tasks. Irle E. **Exp Brain Res** 1985;58(2):346-61

Roles of glabrous skin receptors and sensorimotor memory in automatic control of precision grip when lifting rougher or more slippery objects. Johansson RS, et al. **Exp Brain Res** 1984;56(3):550-64

Dissociation between components of spatial memory in rats after recovery from the effects of retrohippocampal lesions. Schenk F, et al. **Exp Brain Res** 1985;58(1):11-28

Auditory evoked potentials in senescent forgetfulness. Loring DW, et al. **Int J Neurosci** 1984 Oct;24(2):133-41

Sleep stages, auditory arousal threshold, and body temperature as predictors of behavior upon awakening. Rosa RR, et al. **Int J Neurosci** 1985 Jul;27(1-2):73-83

Persistence of spatial memory in the Morris water tank task. Panakhova E, et al. **Int J Psychophysiol** 1984 Aug;2(1):5-10

Converging sectors of psychoanalysis and neurobiology: mutual challenge and opportunity. Reiser MF. **J Am Psychoanal Assoc** 1985;33(1):11-34

Ear asymmetry for monaurally presented word lists in children and adults. Burns KM, et al. **J Commun Disord** 1985 Feb;18(1):35-48

Multiple resources in divided attention: a cross-modal test of the independence of hemispheric resources. Herdman CM, et al. **J Exp Psychol [Hum Percept]** 1985 Feb; 11(1):40-9

Severe tactual as well as visual memory deficits follow combined removal of the amygdala and hippocampus in monkeys. Murray EA, et al. **J Neurosci** 1984 Oct; 4(10):2565-80

Noisy neural nets exhibiting memory domains. Anninos P, et al. **J Theor Biol** 1984 Aug 21;109(4):581-94

An hypothesis concerning the role of the Golgi apparatus in the phenomenon of memory. Bourne IH. **J Theor Biol** 1984 Oct 21;110(4):541-57

The molecule-group schema of memory: storage, recognition and retrieval. Robinson CE. **J Theor Biol** 1985 Feb 21; 112(4):859-71

Skeleton key to memory? [news] Burns NR. **Nature** 1985 Jan 17-23;313(5999):178-9

Molecular turnover and memory [letter] Mayer RJ. **Nature** 1985 Feb 21-27;313(6004):636

Effect of exercise on longevity, body weight, locomotor performance, and passive-avoidance memory of C57BL/6J mice. Samorajski T, et al. **Neurobiol Aging** 1985 Spring; 6(1):17-24

Hot-plate learning in mice is unaltered by immediate post-training administration of naloxone, naltrexone or morphine. Rodgers RJ, et al. **Neuropharmacology** 1985 Apr; 24(4):333-6

Brain potentials during sentence verification: late negativity and long-term memory strength. Fischler I, et al. **Neuropsychologia** 1984;22(5):559-68

Further evidence that amygdala and hippocampus contribute equally to recognition memory. Saunders RC, et al. **Neuropsychologia** 1984;22(6):785-96

Differential effects of frontal-lobe lesions on cognitive estimation and spatial memory. Smith ML, et al. **Neuropsychologia** 1984;22(6):697-705

The morphological basis of age-induced memory changes. Iontov AS, et al. **Neurosci Behav Physiol** 1984 Sep-Oct; 14(5):349-53

Learning and memory deficits after lesions of the nucleus basalis magnocellularis: reversal by physostigmine. Murray CL, et al. **Neuroscience** 1985 Apr;14(4):1025-32

Neuropeptides in human memory and learning processes. Zager EL, et al. **Neurosurgery** 1985 Aug;17(2):355-69 (177 ref.)

How is linguistic memory accessed? A psychophysiological approach. McGuigan FJ. **Pavlov J Biol Sci** 1984 Jul-Sep; 19(3):119-36

Verbal asymmetries and levels of processing in an interactive dual-task paradigm. Adams BJ, et al. **Percept Mot Skills** 1985 Apr;60(2):371-83

Geophysical variables and behavior: XXV. Alterations in memory for a narrative following application of theta frequency electromagnetic fields. Michaud LY, et al.

Percept Mot Skills 1985 Apr;60(2):416-8

Sleep and the maintenance of memory. Davis BD. **Perspect Biol Med** 1985 Spring;28(3):457-64

Selective memory loss following nucleus basalis lesions: long term behavioral recovery despite persistent cholinergic deficiencies. Bartus RT, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):125-35

Blockade of peripheral beta-adrenergic receptors fails to suppress the cerebral spread of an engram in mice. Church AC, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):27-31

Hippocampus: memory, habit and voluntary movement. Gaffan D. **Philos Trans R Soc Lond [Biol]** 1985 Feb 13; 308(1135):87-99

Sharply timed and lateralised events at time of establishment of long term memory. Andrew RJ, et al. **Physiol Behav** 1985 Apr;34(4):547-56

Differential acquisition of a 'working memory' task by the Roman strains of rats. Guenaire C, et al. **Physiol Behav** 1985 May;34(5):705-7

Does paradoxical sleep deprivation disturb memory trace consolidation? Oniani TN. **Physiol Behav** 1984 Nov; 33(5):687-92

Glutamate receptors have key role in new memory theory. **Practitioner** 1985 Feb;229(1400):110

A mechanism for memory storage insensitive to molecular turnover: a bistable autophosphorylating kinase. Lisman JE. **Proc Natl Acad Sci USA** 1985 May;82(9):3055-7

Model of cortical organization embodying a basis for a theory of information processing and memory recall. Shaw GL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2364-8

Protein synthesis and memory: a review. Davis HP, et al. **Psychol Bull** 1984 Nov;96(3):518-59

Motor programme information as a separable memory unit. Engelkamp J, et al. **Psychol Res** 1984;46(3):283-99

Posterior hypothalamic deafferentation abolishes the amnestic effect of electroconvulsive shock in rats. Netto CA, et al. **Psychoneuroendocrinology** 1985;10(2):159-63

Role of serotonin in memory: facilitation by alaproclate and zimeldine. Altman HJ, et al. **Psychopharmacology (Berlin)** 1984;84(4):496-502

Semantic, evaluative, and self-referent processing: memory, cognitive effort, and somatovisceral activity. Cacioppo JT, et al. **Psychophysiology** 1985 Jul;22(4):371-84

Effects of fornix transection upon associative memory in monkeys: role of the hippocampus in learned action. Gaffan D, et al. **Q J Exp Psychol [B]** 1984 Aug;36(3):173-221

Delayed matching by fornix-transected monkeys: the sample, the push and the bait. Gaffan D, et al. **Q J Exp Psychol [B]** 1984 Nov;36(4):305-17

Effects of fornix transection on spontaneous and trained non-matching by monkeys. Gaffan D, et al. **Q J Exp Psychol [B]** 1984 Nov;36(4):285-303

The effect of stimulus preexposure upon the context effect in taste-aversion learning in noradrenaline-depleted rats. Archer T, et al. **Scand J Psychol** 1985;26(2):158-69

Amygdalectomy impairs crossmodal association in monkeys. Murray EA, et al. **Science** 1985 May 3;228(4699):604-6

[Modulators of passive avoidance behavior] Crine AF. **Annee Psychol** 1984;84(1):85-94 (71 ref.) (Eng. Abstr.) **(Fre)**

[Hemispheric specialization and word memory: effects of an interfering task] Juan de Mendoza JL, et al. **Annee Psychol** 1984;84(1):9-20 (Eng. Abstr.) **(Fre)**

[Relationship between information processing and short- and long-term memory in patients with paranoid schizophrenia] Grzywa A, et al. **Psychiatr Pol** 1984 May-Jun;18(3):219-24 (Eng. Abstr.) **(Pol)**

[Recall of emotiogenic and neutral verbal information in monaural presentations during adaptation] Leutin VP, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):569-72 **(Rus)**

[Changes in the perception and recall of emotiogenic information in neuroses] Leutin VP, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):326-8 **(Rus)**

[Component analysis of the reactions of neuronal populations in the human brain during the memorizing of visual stimuli] Kropotov IuD. **Fiziol Zh SSSR** 1984 Jul;70(7):904-11 (Eng. Abstr.) **(Rus)**

[Importance of traces of a preceding unreinforced stimulus to the formation of inhibitory conditioned reflexes in the rat] Belenkov NIu, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):110-6 (Eng. Abstr.) **(Rus)**

[Learning characteristics and long-term memory in rhesus macaques] Dudkin KN, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug;34(4):649-56 (Eng. Abstr.) **(Rus)**

[Dynamics of the formation, reproduction and recognition of trace conditioned reflexes to positive and negative stimuli] Konovalov VF, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct;34(5):861-7 (Eng. Abstr.) **(Rus)**

[Effect of electrocoagulation of the septum on the behavior and memory of the cat] Oniani TN, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):17-24 (Eng. Abstr.) **(Rus)**

[Does deprivation of paradoxical sleep interfere with consolidation of memory traces?] Oniani TN. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1086-92 (Eng. Abstr.) **(Rus)**

[The amytal test--a diagnostic aid in epileptic surgery] Silfvenius H, et al. **Lakartidningen** 1984 Oct 3;81(40):3625-8 **(Swe)**

RADIATION EFFECTS

Retrograde amnesia produced by electron beam exposure: causal parameters and duration of memory loss. Wheeler TG, et al. **Radiat Res** 1985 Jan;101(1):74-80

MEMORY DISORDERS

Memory dysfunctions: an integration of animal and human research from preclinical and clinical perspectives. **Ann NY Acad Sci** 1985;444:1-553

BLOOD

Clinical import of small increases in serum aluminum [letter] Howard JM. **Clin Chem** 1984 Oct;30(10):1722-3

CHEMICALLY INDUCED

Anticonvulsants, folic acid and memory dysfunction in epileptics. Butlin AT, et al. **Clin Exp Neurol** 1984;20:57-62

Anticonvulsant effects on the memory performance of epileptics. Butlin AT, et al. **Clin Exp Neurol** 1984;20:27-35

The effect of diazepam on patients' memory [letter] Green LM. **J Clin Psychopharmacol** 1985 Feb;5(1):60-1

Acute memory loss and nominal aphasia caused by phenylpropanolamine. Puar HS. **South Med J** 1984 Dec; 77(12):1604-5

Moderate prenatal carbon monoxide exposure produces persistent, and apparently permanent, memory deficits in rats. Mactutus CF, et al. **Teratology** 1985 Feb;31(1):1-12

COMPLICATIONS

Use of background interference procedure to assess visual retention deficits in multiple-sclerosis, psychiatric, and brain-damaged patients. Crockett DJ, et al. **Int J Neurosci** 1985 May;26(3-4):277-82

DIAGNOSIS

Computerized measures of CT scans of alcoholics: thalamic region related to memory. Gebhardt CA, et al. **Alcohol** 1984 Mar-Apr;1(2):133-40

Loss of memory and concentration. Jacoby R. **Br J Hosp Med** 1985 Jan;33(1):32-4

Factor structure and construct validity of the Denman Neuropsychology Memory Scale. Larrabee GJ, et al. **Int J Neurosci** 1985 May;26(3-4):269-76

Construct validity of various memory testing procedures. Larrabee GJ, et al. **J Clin Exp Neuropsychol** 1985 Jun; 7(3):239-50

Memory span and long-term memory deficits in brain-impaired patients. Roth DL, et al. **J Clin Psychol** 1985 Jul;41(4):521-7

A spatial arrangement memory testing unit. Boardman AK, et al. **J Med Eng Technol** 1984 Nov-Dec;8(6):264-6

[Cerebral atrophy diagnosed by computer tomography compared with the 'memory output profile' (MOP) in a psychiatric population] Meyers C, et al. **Acta Psychiatr Belg** 1984 Jul-Aug;84(4):353-61 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Pharmacotherapy of memory loss in the geriatric patient. Galizia VJ. **Drug Intell Clin Pharm** 1984 Oct;18(10):784-91 (72 ref.)

Pharmacological alleviation of cholinergic lesion induced memory deficits in rats. Haroutunian V, et al. **Life Sci** 1985 Sep 9;37(10):945-52

Experiments on the use of hormones of the posterior pituitary in memory disorders of various genesis. Akimov GA, et al. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):54-7

A clinical trial with desglycinamide arginine vasopressin for the treatment of memory disorders in man. Jennekens-Schinkel A, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(3):273-84

Ineffectiveness of vasopressin in the treatment of memory impairment in chronic schizophrenia. Stein D, et al. **Psychopharmacology (Berlin)** 1984;84(4):566-8

Cerebral ageing, neurotransmitters and therapeutic implications. Siow BL. **Singapore Med J** 1985 Apr; 26(2):151-3

[Vasopressin and its new therapeutic possibilities] Pluta RM. **Neurol Neurochir Pol** 1984 May-Jun;18(3):269-73 (30 ref.) **(Pol)**

ETIOLOGY

Altered behavior and memory loss [clinical conference] Mickel HS, et al. **Am J Emerg Med** 1984 Sep;2(5):414-9

Intellectual and memory impairment in moderate and heavy drinkers. De Renzi E, et al. **Cortex** 1984 Dec;20(4):525-33

Cerebral metastases mimicking depression in a 'forgetful' attorney. Barclay LL, et al. **J Am Geriatr Soc** 1984 Nov; 32(11):866-7

Verbal memory deficits after left temporal lobectomy for epilepsy. Mechanism and intraoperative prediction. Ojemann GA, et al. **J Neurosurg** 1985 Jan;62(1):101-7

Disturbances of verbal memory in local lesions of the left and right cerebral hemispheres. Mikadze YuV. **Neurosci Behav Physiol** 1985 Mar-Apr;15(2):173-6

[Mental disorders in arterial hypertension] Sekrecki T. **Pol Tyg Lek** 1984 Sep 17;39(38):1257-8 **(Pol)**

[Pathogenesis and classification of brain concussion and its late sequelae] Kanios K. **Wiad Lek** 1985 Apr 1;38(7):512-5 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Lesions in nucleus basalis magnocellularis and medial septal area of rats produce qualitatively similar memory impairments. Hepler DJ, et al. **J Neurosci** 1985 Apr; 5(4):866-73

PSYCHOLOGY

Subjective memory complaints in geriatric depression. Plotkin DA, et al. **Am J Psychiatry** 1985 Sep;142(9):1103-5

Assessing depression in evaluating memory impairment [letter] Pettinati HM, et al. **J Am Geriatr Soc** 1985 Aug; 33(8):570-1

REHABILITATION

Rehabilitation after stroke--2: Language and memory training and the requirements of rehabilitation services. Gloag D. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):768-71

Memory-skills training, memory complaints, and depression in older adults. Scogin F, et al. **J Gerontol** 1985 Sep; 40(5):562-8

THERAPY

Nonpharmacologic treatments for memory losses with normal aging. Yesavage JA. **Am J Psychiatry** 1985 May; 142(5):600-5 (65 ref.)

Treatment for aging brains [editorial] Millard PH. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1094

[Clinico-psychological study of the functions of attention and memory in patients in the early recovery period after reconstructive surgery on the cerebral vessels and their dynamics during treatment with oxygen baths] Danilova DP. **Zh Nevropatol Psikhiatr** 1984;84(12):1852-6 (Eng. Abstr.) **(Rus)**

MEMORY FOR DESIGNS TEST see **NEUROPSYCHOLOGICAL TESTS**

MEMORY, IMMEDIATE see **MEMORY, SHORT-TERM**

MEMORY, PHOTOGRAPHIC see **EIDETIC IMAGERY**

MEMORY, SHORT-TERM

Pain, affective life and memory impairment: study on 26 headache patients. Covelli V, et al. **Acta Neurol (Napoli)** 1984 Dec;6(6):455-61

Structural memory deficits of mentally retarded persons. Ellis NR, et al. **Am J Ment Defic** 1985 Jan;89(4):393-402

Short-term memory for pictures and words by mentally retarded and nonretarded persons. Ellis NR, et al. **Am J Ment Defic** 1985 May;89(6):622-6

Information processing speed in Friedreich's ataxia. Hart RP, et al. **Ann Neurol** 1985 Jun;17(6):612-4

Simple delayed discrimination in the rat: a behavioral baseline. Olin DA, et al. **Ann NY Acad Sci** 1985;444:471-4

Phonological confusability in short-term memory for sentences as a predictor of reading ability. Jorm AF, et al. **Br J Psychol** 1984 Aug;75 (Pt 3):393-400

Repetition and comprehension of spoken sentences by reading-disabled children. Shankweiler D, et al. **Brain Lang** 1984 Nov;23(2):241-57

Processing of information in iconic memory: differences between nonretarded and retarded subjects. Baumeister AA, et al. **J Abnorm Psychol** 1984 Nov;93(4):433-47

Effects of neonatal hyperbilirubinemia on Token Test performance of six-year-old children. Lenhardt ML. **J Aud Res** 1983 Jul;23(3):195-204

Attentional deficit disorder and short-term visual memory. Lufi D, et al. **J Clin Psychol** 1985 Mar;41(2):265-7

Delayed signal detection, differential reinforcement, and short-term memory in the pigeon. Harnett P, et al. **J Exp Anal Behav** 1984 Jul;42(1):87-111

Memory and rehearsal characteristics of profoundly deaf children. Bebko JM. **J Exp Child Psychol** 1984 Dec; 38(3):415-28

Effects of repetition on short-term retention of order information. Cunningham TF, et al. **J Exp Psychol [Learn Mem Cogn]** 1984 Oct;10(4):575-97

Reality monitoring in mania and schizophrenia. The association of thought disorder and performance. Harvey PD. **J Nerv Ment Dis** 1985 Feb;173(2):67-73

Neuropsychological functions in the follow-up of transient global amnesia [letter] Matias-Guiu J, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):713

Short-term memory for colors and color names in the absence of vocalization. Allen CK. **Percept Mot Skills** 1984 Aug;59(1):263-6

New estimate for storage time in sensory memory. Purdy JE, et al. **Percept Mot Skills** 1984 Dec;59(3):683-6

Information persistence: testing spatial and identity information with a voice probe. Mewhort DJ, et al. **Psychol Res** 1985;47(1):51-8

[Effect of electric fields on performance and affect in healthy probands] Hansl G, et al. **Z Exp Angew Psychol** 1984; 31(4):567-85 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Coexposure to toluene and p-xylene in man: central nervous functions. Olson BA, et al. **Br J Ind Med** 1985 Feb; 42(2):117-22

Effects of zopiclone and benzodiazepine hypnotics on search in short-term memory. Subhan Z, et al. **Neuropsychobiology** 1984;12(4):244-8

Effects of aniracetam on delayed matching-to-sample performance of monkeys and pigeons. Pontecorvo MJ, et al. **Pharmacol Biochem Behav** 1985 May;22(5):745-52

The effect of d-amphetamine on short-term memory for time in pigeons. Spetch ML, et al. **Pharmacol Biochem Behav** 1984 Oct;21(4):663-6

Marijuana intoxication in rats: interruption of recent memory and effect on brain concentration of delta 9-tetrahydrocannabinol. Essman EJ. **Psychol Rep** 1984 Oct;55(2):563-7

ACTH 1-17 and short-term memory, anxiety, heart rate, blood pressure. Pancheri P, et al. **Ric Clin Lab** 1984 Apr-Jun;14(2):221-9

[Comparative study of the effect of 3 M-cholinergic blockaders on memory and motor activity in rats] Vinogradov VV, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):36-40 (Eng. Abstr.) **(Rus)**

[Intellectual and mnestic processes following a single dose of ethanol] Losev SS, et al. **Fiziol Cheloveka** 1985 Jan-Feb;11(1):155-6 **(Rus)**

PHYSIOLOGY

Language development: lateralization of semantics and the short-term-verbal-memory (STVM) of the right hemisphere. Rothenberger A, et al. **Acta Paedopsychiatr (Basel)** 1984 Aug;50(2-3):119-30

Human medial temporal-lobe stimulation disrupts both formation and retrieval of recent memories. Halgren E, et al. **Brain Cogn** 1985 Jul;4(3):287-95

Functional interactions between inferotemporal and prefrontal cortex in a cognitive task. Fuster JM, et al. **Brain Res** 1985 Mar 25;330(2):299-307

Important associations among EEG-dynamics, event-related potentials, short-term memory and learning. Başar E, et al. **Int J Neurosci** 1985 May;26(3-4):161-80

Auditory short-term memory in the Japanese monkey. Kojima S. **Int J Neurosci** 1985 Jan;25(3-4):255-62

Sequential dependences of perceptual interpretations of a repetitively illuminated reversible figure. Radilová J, et al. **Int J Psychophysiol** 1984 Aug;2(1):45-50

Short-term memory for simultaneously presented visual and auditory signals in the pigeon. Kraemer PJ, et al. **J Exp Psychol [Anim Behav]** 1985 Apr;11(2):137-51

Age-related effects of temporal contingencies on response speed and memory: an operant analysis. Baron A, et al. **J Gerontol** 1985 Jan;40(1):60-70

Post-trial flicker stimulation interferes with spatial memory in the Morris water maze. Burešová O, et al. **Neurosci Lett** 1985 May 23;56(3):359-63

Hyperstriatal lesions and short-term retention of non-visual information in pigeons. Macphail EM, et al. **Q J Exp Psychol [B]** 1985 May;37(2):121-53

[Electric stimulation of the human olfactory nerve--an approach to short-term memory?] Gorkisch K, et al. **HNO** 1985 Jul;33(7):325-7 (Eng. Abstr.) **(Ger)**

[Features of the formation and dynamics of short-term image memory in the rat] Aĭvazashvili IM, et al. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):32-8 (Eng. Abstr.) **(Rus)**

[Effect of shortening the interval between delayed reactions on short-term memory in the rat] Gogoberidze MM. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):583-4 **(Rus)**

[Delayed reaction and delayed alternation in the cat: common factors and differences] Natishvili TA. **Zh Vyssh Nerv Deiat** 1985 Jan-Feb;35(1):39-45 (Eng. Abstr.) **(Rus)**

[Asymmetry of the cerebral hemispheres during comparison of paired visual stimuli] Udalova GP, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):420-7 (Eng. Abstr.) **(Rus)**

MEN

The increasing proportion of men with low earnings in the United States. Dooley M, et al. **Demography** 1985 Feb;22(1):25-34

Gender chauvinism and the division of labor in humans. Doust LL, et al. **Perspect Biol Med** 1985 Summer;28(4):526-42

PSYCHOLOGY

Contraceptive behavior in college-age males related to Fishbein model. Ewald BM, et al. **ANS** 1985 Apr;7(3):63-9

Myths about male midlife crises. Ciernia JR. **Psychol Rep** 1985 Jun;56(3):1003-7

MEN I see **NEOPLASMS, MULTIPLE ENDOCRINE**

MEN II see **NEOPLASMS, MULTIPLE ENDOCRINE**

MEN III see **NEOPLASMS, MULTIPLE ENDOCRINE**

MENADIONE see **VITAMIN K**

MENAQUINONE see **VITAMIN K**

MENARCHE

Decrease in menarcheal age from 1966 to 1983 in Denmark Helm P, et al. **Acta Obstet Gynecol Scand** 1984;63(7):633-5

Menarche: the transition from childhood to womanhood. Eisenberg E. **Adv Pediatr** 1984;31:359-69

Earlier maturation of pregnant black and white adolescents. Hoff C, et al. **Am J Dis Child** 1985 Oct;139(10):981-6

Menarche, pregnancy, birth spacing and menopause among the Agta women foragers of Cagayan province, Luzon, the Philippines. Goodman MJ, et al. **Ann Hum Biol** 1985 Mar-Apr;12(2):169-77

Intake of dietary fibre and the age of menarche. Hughes RE, et al. **Ann Hum Biol** 1985 Jul-Aug;12(4):325-32

Age at menarche in Sri Lankan Tamil girls in Jaffna. Prakash S, et al. **Ann Hum Biol** 1984 Sep-Oct;11(5):463-6

Papiloedema: benign intracranial hypertension in menarche. Tessler Z, et al. **Ann Ophthalmol** 1985 Jan;17(1):76-7

Age at menarche in three districts in Sri Lanka. Balasuriya S, et al. **Ceylon Med J** 1983 Dec;28(4):227-31

Premenarcheal endocrine changes in relation to age at menarche. Apter D, et al. **Clin Endocrinol (Oxf)** 1985 Jun;22(6):753-60

Benign intracranial hypertension in menarche. Tessler Z, et al. **Compr Ther** 1985 May;11(5):16-8

The interrelationships between age, physical measurements and body composition at menarche in schoolgirls at Ilorin, Nigeria. Fakeye O. **Int J Gynaecol Obstet** 1985 Feb;23(1):55-8

Menarcheal age in University of Warwick students. Dann TC, et al. **J Biosoc** Sci 1984 Oct;16(4):511-9

Early onset of menstruation in a 45,X girl. Murano I, et al. **Jinrui Idengaku Zasshi** 1985 Mar;30(1):35-40

A hypothesis on the role of pheromones on age of menarche. Burger J, et al. **Med Hypotheses** 1985 May;17(1):39-46 (66 ref.)

Caloric balance, brain to body ratio, and the timing of menarche. Winterer J, et al. **Med Hypotheses** 1984 Sep;15(1):87-91

Menarche--a major milestone to womanhood [editorial] Bennett DL. **Med J Aust** 1985 Feb 18;142(4):244-5

Variations of serum prolactin levels in Malay women from premenarche to the postmenopause. Rajikin MH, et al. **Med J Malaysia** 1984 Jun;39(2):135-8

Delayed menarche in swimmers in relation to age at onset of training and athletic performance. Stager JM, et al. **Med Sci Sports Exerc** 1984 Dec;16(6):550-5

Fatness, menarche, and female fertility. Frisch RE. **Perspect Biol Med** 1985 Summer;28(4):611-33

[Comment on the method using mean onset age for analyzing data on physical development] Jin PH. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 May;18(3):143-5 (Eng. Abstr.) **(Chi)**

[The menarche in Denmark from the 1830s to 1983] Helm P. **Ugeskr Laeger** 1984 Dec 10;146(50):3902-4 (Eng. Abstr.) **(Dan)**

[Weight, height and age at menarche of Finnish children in 1980] Dahlström S, et al. **Duodecim** 1984;100(14):838-48 (Eng. Abstr.) **(Fin)**

[Primary amenorrhea in adolescent girls. Incidence of isolated delayed menarche] Blanco-Garcia M, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):377-80 (Eng. Abstr.) **(Fre)**

[Age of the menarche of girls in Thessaloniki, Greece] Pentzos-Daponte A, et al. **Anthropol Anz** 1984 Sep;42(3):219-25 (Eng. Abstr.) **(Ger)**

[Current age of the menarche in Belgium] Vercauteren M, et al. **Anthropol Anz** 1984 Sep;42(3):211-7 (Eng. Abstr.) **(Ger)**

[Stagnation of the menarche] Barth H, et al. **Arztl Jugendkd** 1984 Oct;75(5):303-7 (Eng. Abstr.) **(Ger)**

[Growth of the visceral cranium in relation to the menarche--a teleroentgenological study] Witt E, et al. **Dtsch Zahnarztl Z** 1984 Jul;39(7):504-7 (Eng. Abstr.) **(Ger)**

[Relation of age at menarche and fertility period to body composition as related to surface area. A hypothesis] Burmeister W. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):724-6 (Eng. Abstr.) **(Ger)**

[Correlation of menarche with age and various somatometric indexes] Jacobo M, et al. **Bol Med Hosp Infant Mex** 1985 Jan;42(1):37-41 (Eng. Abstr.) **(Spa)**

[Intelligence quotient and age of menarche in school girls of the northern area of Santiago] Valenzuela C, et al. **Rev Chil Pediatr** 1984 May-Jun;55(3):184-7 (Eng. Abstr.) **(Spa)**

MENGO VIRUS

DRUG EFFECTS

Growth of wild-type and interferon-sensitive mengovirus in tk- L cells. Geier EA, et al. **J Interferon Res** 1985 Spring;5(2):297-304

GENETICS

Evidence for the presence of an inhibitor on ribosomes in mouse L cells infected with mengovirus. Pensiero MN, et al. **J Virol** 1985 Oct;56(1):161-71

ULTRASTRUCTURE

Structure of the Mengo virion. VII. Crystallization and preliminary X-ray diffraction analysis. Boege U, et al. **Virology** 1984 Oct 15;138(1):162-7

MENIERE'S DISEASE

Meniere's disease (syndrome?). Kohut RG. **Arch Otolaryngol** 1985 Aug;111(8):494

Otosclerosis and Meniere's syndrome: diagnosis and treatment. Paparella MM, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1414-7

[Diagnosis and treatment of Meniére's disease at the Otorhinolaryngology Clinic in the Department of General Medicine of Charles University in Prague 1976-1981] Hahn A, et al. **Cesk Otolaryngol** 1984 Jul;33(4):240-3 (Eng. Abstr.) **(Cze)**

COMPLICATIONS

Medical treatment of fluctuant hearing loss in Meniere's disease. Stahle J. **Am J Otol** 1984 Oct;5(6):529-33 (23 ref.)

Meniere's disease: a long-term follow-up study of hearing loss. Eggermont JJ, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):1-9

Speech discrimination in bilateral and unilateral hearing loss due to Ménière's disease. Hood JD. **Br J Audiol** 1984 Aug;18(3):173-7

DIAGNOSIS

Rebound phenomenon in glycerol test. Matsubara H, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:115-22

Immunologic testing of certain ear diseases. Yoo TJ, et al. **Am J Otol** 1985 Jan;6(1):96-101

Pupillary dynamics in patients with Meniere's disease. Uemura T, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):223-5

Electrocochleography and symptoms of inner ear dysfunction. Ferraro JA, et al. **Arch Otolaryngol** 1985 Feb;111(2):71-4

Glomus tympanicum presenting as Menière's disease [letter] Fitzgerald DC. **Ear Nose Throat J** 1985 Jan;64(1):68

Juvenile Menière's disease. Filipo R, et al. **J Laryngol Otol** 1985 Feb;99(2):193-6

Effects of glycerol on cochlear frequency selectivity in patients with Menière's disease. Harrison RV, et al. **J Speech Hear Disord** 1985 May;50(2):213-7

Vestibular Meniere's disease. Paparella MM, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):148-51

[Pathophysiology, clinical aspects and conservative therapy of Menière disease] Morgenstern C. **Arch Otorhinolaryngol [Suppl]** 1985;1:1-66 (408 ref.) **(Ger)**

[Diagnosis of Menière's disease] Chüden H. **Dtsch Med Wochenschr** 1984 Oct 12;109(41):1566-8 **(Ger)**

[Development of audiologic symptoms in Menière disease] Baumgarten D, et al. **HNO** 1984 Aug;32(8):330-3 (Eng. Abstr.) **(Ger)**

[Significance of the glycerol test for the diagnosis of sensorineural hearing disorders] Morgenstern C, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Jan;64(1):9-12 (Eng. Abstr.) **(Ger)**

[Statistical study of gaze displacement calibration] Ranacher G. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):76-80 (Eng. Abstr.) **(Ger)**

[Otoneurologic testing in multiple sclerosis] Oberascher G. **Wien Med Wochenschr** 1985 Jan 31;135(1-2):31-3 (Eng. Abstr.) **(Ger)**

[Analysis of the stabilogram using the rolling platform] Wakutani H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 May;88(5):665-77 (Eng. Abstr.) **(Jpn)**

[Visual motor coordination test in the differential diagnosis of Menière's disease] Bulaev IuO, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):47-50 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Titration streptomycin therapy for bilateral Meniere's disease: a progress report. Graham MD, et al. **Am J Otol** 1984 Oct;5(6):534-5

Treatment of Meniere's disease by intratympanic injection with lidocaine. Fradis M, et al. **Arch Otolaryngol** 1985 Aug;111(8):491-3

Oral acetazolamide in Menière's disease. Brookes GB, et al. **J Laryngol Otol** 1984 Nov;98(11):1087-95

Medical management of vestibular dysfunction. Blair RL. **Otolaryngol Clin North Am** 1984 Nov;17(4):679-84

Titration streptomycin therapy for bilateral Meniere's disease: a preliminary report. Graham MD, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):440-7

[Technical difficulties in intratympanic gentamycin therapy in Menière disease] Lange G. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):174 **(Ger)**

[Treatment of Meniere disease with betahistine dimesilate (Aequamen)--double-blind study versus placebo (crossover)] Meyer ED. **Laryngol Rhinol Otol (Stuttg)** 1985 May;64(5):269-72 (Eng. Abstr.) **(Ger)**

[Cephadol in the treatment of patients with Méniére's disease and labyrinthopathies] Vasil'eva VP, et al. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):28-31 (Eng. Abstr.) **(Rus)**

ETIOLOGY

The cause (multifactorial inheritance) and pathogenesis (endolymphatic malabsorption) of Meniere's disease and its symptoms (mechanical and chemical). Paparella MM.

Acta Otolaryngol (Stockh) 1985 Mar-Apr;99(3-4):445-51

Allergic therapy for Meniere's disease. Shambaugh GE Jr. **Am J Otol** 1984 Oct;5(6):556-7

Etiopathogenesis of Meniere's disease: a hypothesis. Yoo TJ. **Ann Otol Rhinol Laryngol [Suppl]** 1984 Sep-Oct;113:6-12 (56 ref.)

Petrous apex cholesterol granuloma presenting as cochleovestibular hydrops. McDonald P, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):590-3

[Angiomatous malformation of the inner auditory canal with the leading symptoms of vertigo and tinnitus] Penkert G, et al. **HNO** 1985 Jan;33(1):17-22 (Eng. Abstr.) **(Ger)**

[Cervically-induced symptoms of the Klippel-Feil syndrome] Mayer B, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Jul;63(7):364-70 (Eng. Abstr.) **(Ger)**

[Vertigo from the otorhinolaryngologic viewpoint] Pfaltz CR. **Ther Umsch** 1984 Oct;41(10):689-93 (Eng. Abstr.) **(Ger)**

[Behçet disease with inner ear involvement] Schwanitz HJ, et al. **Z Hautkr** 1984 Sep 1;59(17):1173-4 (Eng. Abstr.) **(Ger)**

HISTORY

[Correct spelling of Prosper Menière's name and some comments on his life and work] Rauchfuss A. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):381-5 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Immunological analysis of IgG and other protein fractions in endolymph obtained from endolymphatic sac of Meniere patients and a control. Futaki T, et al. **Acta Otolaryngol [Suppl] (Stockh)** 1984;419:71-8

METABOLISM

[Adrenoceptors in subjects with Meniere's disease] Maeda H. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Jul;87(7):805-12 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

The cochlear nerve in various forms of deafness. Ylikoski J, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):418-27

Endolymphatic duct and sac in patients with Meniere's disease. A temporal bone histopathological study. Ikeda M, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):540-6

Paravestibular canaliculus in Meniere's disease. A histopathological study. Ikeda M, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1985 Jul-Aug;118:11-6

Vascularity of endolymphatic sac in Meniere's disease. A histopathological study. Ikeda M, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1985 Jul-Aug;118:6-10

Pneumatization and thickness of the petrous bone in patients with Meniere's disease. A histopathological study. Sando I, et al. **Ann Otol Rhinol Laryngol [Suppl]** 1985 Jul-Aug;118:2-5

The endolymphatic sac in the Mondini disorder. Gussen R. **Arch Otorhinolaryngol** 1985;242(1):71-6

Freeze-fracture studies on the perilymph-endolymph barrier in experimentally induced hydrops. Jahnke K, et al. **Arch Otorhinolaryngol** 1985;241(2):175-81

PHYSIOPATHOLOGY

Meniere's disease in Uppsala and Osaka. A comparative study. Imoto T, et al. **Acta Otolaryngol (Stockh)** 1984 Nov-Dec;98(5-6):519-23

The pathophysiology of Meniere's disease. Schuknecht HF. **Am J Otol** 1984 Oct;5(6):526-7 (29 ref.)

[Supra-threshold caloric study of the vestibular apparatus in Ménière's disease] Cirek Z. **Cesk Otolaryngol** 1984 Jun;33(3):185-9 (Eng. Abstr.) **(Cze)**

[Cervical vertebra-induced hearing and equilibrium disorders. Recent clinical aspects] Elies W. **HNO** 1984 Dec;32(12):485-93 (Eng. Abstr.) **(Ger)**

[Fluctuating vestibular deficit--a new Meniere disease related internal ear disorder] Schmidt CL. **HNO** 1984 Aug;32(8):326-9 (Eng. Abstr.) **(Ger)**

[Critical remarks on so-called cervicogenic vertigo] Hamann KF. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):156-7 (Eng. Abstr.) **(Ger)**

[Compensatory vestibular performance and rotation perception] Moser M. **Laryngol Rhinol Otol (Stuttg)** 1985 Feb;64(2):73-5 (Eng. Abstr.) **(Ger)**

[Pathophysiology of peripheral, paroxysmal benign position vertigo] Schmidt CL. **Laryngol Rhinol Otol (Stuttg)** 1985 Mar;64(3):146-55 (Eng. Abstr.) **(Ger)**

[Interference-resistance of the auditory analyzer in complex audiometry in Ménière's disease] Diskalenko VV. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):44-7 (Eng. Abstr.) **(Rus)**

[Audiological characteristics of Ménière's disease based on recording data on brain stem-evoked auditory potentials] Sagalovich BM, et al. **Vestn Otorinolaringol** 1984 Sep-Oct;(5):8-13 (Eng. Abstr.) **(Rus)**

[Incidence and character of vestibular disorders in otoneurological disease states] Pichanič M, et al. **Cesk Otolaryngol** 1984 Jul;33(4):214-21 (Eng. Abstr.) **(Slo)**

RADIOGRAPHY

Multidirectional and computerized tomography of the vestibular aqueduct in Meniere's disease. Valvassori GE, et al. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):547-50

Radiographic classification of the vestibular and cochlear aqueducts: the paired correlation between normal and abnormal vestibular aqueduct and cochlear aqueduct anatomy. Arenberg IK, et al. **Laryngoscope** 1984 Oct;94(10):1325-33

Computed tomographic findings in Ménière's disease. Nidecker A, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(2):66-75

[Feasibility of high resolution CT in the demonstration of the vestibular aqueduct (Ménière) and otospongiosis of the labyrinth] Zonneveld FW, et al. **Radiologe** 1984 Nov;24(11):508-15 (Eng. Abstr.) **(Ger)**

SURGERY

Endoscopic section of the vestibular nerve by transpyramidal retrolabyrinthine approach in Ménière's disease. Oppel F, et al. **Adv Otorhinolaryngol** 1984;34:234-41

Placebo effect in surgery for Meniere's disease: a three-year follow-up study of patients in a double blind placebo controlled study on endolymphatic sac shunt surgery. Bretlau P, et al. **Am J Otol** 1984 Oct;5(6):558-61

Vestibular nerve section for Meniere's disease. Fisch U. **Am J Otol** 1984 Oct;5(6):543-5

Surgical treatment of Meniere's disease. Kitahara M, et al. **Am J Otol** 1985 Jan;6(1):108-9

Cochlear endolymphatic shunt. Schuknecht HF. **Am J Otol** 1984 Oct;5(6):546-8

Endolymphatic fistulization. Austin DF. **Ann Otol Rhinol Laryngol** 1984 Nov-Dec;93(6 Pt 1):534-9

Middle fossa vestibular neurectomy. Long-term results. Gavilán J, et al. **Arch Otolaryngol** 1984 Dec;110(12):785-7

Endolymphatic sac surgery for Meniere's disease: a composite study of 339 cases. Huang TS, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1082-6

Recovery of vestibulospinal balance function after unilateral labyrinthectomy in patients with Ménière's disease. Kaga K, et al. **ORL J Otorhinolaryngol Relat Spec** 1985;47(4):194-8

Middle fossa vestibular neurectomy: a report of 373 cases. Garcia-Ibanez E, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):486-90

[Footplate decompression: results, mechanism of action] Martin H, et al. **Rev Laryngol Otol Rhinol (Bord)** 1984;105(5):475-8 (Eng. Abstr.) **(Fre)**

[Surgical therapy of Menière disease] Helms J. **Arch Otorhinolaryngol [Suppl]** 1985;1:67-118 (179 ref.) **(Ger)**

THERAPY

Medical and surgical management of Meniere's disease. Glasscock ME 3d, et al. **Am J Otol** 1984 Oct;5(6):536-42

[Rapid glycerol infusion in the therapy of endolymphatic hydrops] Maňák J, et al. **Cesk Otolaryngol** 1985 Jan;34(1):19-23 (Eng. Abstr.) **(Cze)**

[Therapy of Menière's disease] Chüden H, et al. **Dtsch Med Wochenschr** 1984 Oct 12;109(41):1569-70 **(Ger)**

MENINGEAL ARTERIES

ANATOMY & HISTOLOGY

The anterior meningeal artery and other meningeal branches of the rabbit. Kumagai H. **Okajimas Folia Anat Jpn** 1985 May;62(1):35-51

The middle meningeal and stapedial arteries of the rabbit. Tominaga S. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):11[illegible]31

INJURIES

Posttraumatic pseudoaneurysm of the extracranial middle meningeal artery. Jay J, et al. **Arch Otolaryngol** 1985 Apr;111(4):264-6

[Traumatic aneurysm of the middle meningeal artery. A case] Lesoin F, et al. **LARC Med** 1984 Oct;4(8):479-81 (Eng. Abstr.) **(Fre)**

PATHOLOGY

Posttraumatic pseudoaneurysm of the extracranial middle meningeal artery. Jay J, et al. **Arch Otolaryngol** 1985 Apr;111(4):264-6

MENINGEAL NEOPLASMS

Non-Hodgkin's lymphoma involving the central nervous system. Wolf MM, et al. **Aust NZ J Med** 1985 Feb;15(1):16-21

[Retrospective study of 50 cases of spinal meningioma] Rustichelli P, et al. **Acta Biomed Ateneo Parmense** 1984;55(5-6):255-60 (Eng. Abstr.) **(Ita)**

ANALYSIS

Progesterone and oestrogen receptors in meningiomas: biochemical and clinicopathological considerations. Whittle IR, et al. **Aust NZ J Surg** 1984 Aug;54(4):325-30

Hormonal steroid receptors in intracranial tumours and their relevance in hormone therapy. Courriere P, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):711-4

Hormonal receptors in meningiomas [letter] Vaquero J, et al. **J Neurosurg** 1985 Jan;62(1):162-3

Steroid hormone receptors in human meningiomas. A look at the past, present and the future. Schlesinger S, et al. **Minn Med** 1985 Jul;68(7):544-5

[Estrogen and progesterone hormonal receptors in meningioma. Results and comments apropos of 26 cases] Jan M, et al. **Neurochirurgie** 1984;30(6):373-7 (Eng. Abstr.) **(Fre)**

BLOOD

Plasma fibronectin in patients with brain tumors. Sawaya R, et al. **Neurosurgery** 1985 Feb;16(2):161-5

BLOOD SUPPLY

Local blood flow in Walker 256 metastatic brain tumors. Blasberg RG, et al. **J Neurooncol** 1984;2(3):195-204

CEREBROSPINAL FLUID

Altered central nervous system pharmacology of methotrexate in childhood leukemia: another sign of meningeal relapse. Morse M, et al. **J Clin Oncol** 1985 Jan;3(1):19-24

Meningeal gliomatosis with 'negative' CSF cytology: the value of GFAP staining. Wechsler LR, et al. **Neurology** 1984 Dec;34(12):1611-5

[Hyperglycorrhachia in acute monoblastic leukemia with meningeal localization (letter)] Lefrere JJ, et al. **Presse Med** 1984 Dec 8;13(44):2705 **(Fre)**

COMPLICATIONS

Cluster headache-like pain caused by an upper cervical meningioma. Kuritzky A. **Cephalalgia** 1984 Sep;4(3):185-6

Coincidence of a brain tumor and a cerebral arterial aneurysm--report of a case and review of the literature. Ishibashi A, et al. **Kurume Med J** 1984;31(3):229-33

Seizures in childhood lymphoblastic leukaemia patients. Ochs JJ, et al. **Lancet** 1984 Dec 22;2(8417-18):1422-4

Transient global amnesia and meningioma. Meador KJ, et al. **Neurology** 1985 May;35(5):769-71

Meningioma with intracerebral hematoma. Kohli CM, et al. **Neurosurgery** 1984 Aug;15(2):237-40

Acute spinal subdural hematoma. A case report and review of literature. Roscoe MW, et al. **Spine** 1984 Oct;9(7):672-5

Meningioma and occlusive vasculopathy: coexisting complications of past extracranial radiation. Montanera W, et al. **Surg Neurol** 1985 Jul;24(1):35-9

[Cluster headache due to meningioma. 2 cases (letter)] Lefevre JP, et al. **Presse Med** 1984 Oct 27;13(38):2323 **(Fre)**

[Accompanying migraine disclosing meningioma (letter)] Muller JP, et al. **Presse Med** 1984 Sep 15;13(31):1902-3 **(Fre)**

[Eye symptoms in hypophyseal adenomas, craniopharyngiomas and meningiomas of the anterior and middle cranial fossa] Herold S, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):495-504 (Eng. Abstr.) **(Ger)**

[Neuro-ophthalmology of the chiasmal syndrome] Huber A. **Schweiz Rundsch Med Prax** 1984 Aug 7;73(32):987-94 (Eng. Abstr.) **(Ger)**

[Apoplectiform course of meningiomas: experience with 226 cases] Probst C. **Schweiz Rundsch Med Prax** 1985 Apr 30;74(18):467-71 (Eng. Abstr.) **(Ger)**

[Intraventricular meningioma with intracerebral hemorrhage. Case report] Hosaka Y, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):115-8 (Eng. Abstr.) **(Jpn)**

[Association of brain tumor and multiple aneurysms. Case report] Tokuda Y, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):301-5 (Eng. Abstr.) **(Jpn)**

[A pediatric case of chronic myelogenous leukemia of an adult type characterized by meningeal leukemia as a manifestation of blastic transformation followed by renal tubular acidosis] Funabiki T, et al. **Rinsho Ketsueki** 1985 Mar;26(3):399-404 (Eng. Abstr.) **(Jpn)**

[Intracranial arachnoid cyst associated with subdural hygroma: report of a case] Tortelly-Costa AC, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):91-7 (Eng. Abstr.) **(Por)**

[Mechanisms of hydrocephalus development in patients with parasagittal meningiomas] Gasparian SS, et al. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):13-9 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Clinical pathology of malignant meningiomas. Inoue H, et al. **Acta Neurochir (Wien)** 1984;73(3-4):179-91

Magnetic resonance imaging of meningiomas. Zimmerman RD, et al. **AJNR** 1985 Mar-Apr;6(2):149-57

Extracranial surgery--intracerebral tumour. Millar SW, et al. **Anaesthesia** 1985 Aug;40(8):777-9

Anorexia nervosa masking the diagnosis of spinal meningioma: a case report. Reiser LW, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):289-93

Temporal lobe meningioma masked by polymyalgia rheumatica. Schattner A, et al. **Isr J Med Sci** 1985 May;21(5):441-4

MR imaging of meningiomas including studies with and without gadolinium-DTPA. Bydder GM, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):690-7

Differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging. Mikhael MA, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):852-6

Planum sphenoidale meningioma mimicking pituitary apoplexy: a case report. Marano SR, et al. **Neurosurgery** 1984 Dec;15(6):859-62

Hairy cell leukemia: a case of cryptococcosis appearing as hairy cell meningitis. Gualtieri RJ, et al. **South Med J** 1984 Oct;77(10):1341-2

Multiple meningiomas in the posterior fossa. Nagano T, et al. **Surg Neurol** 1985 Apr;23(4):425-7

[Analysis of 78 cases of meningioma of the sellar tubercle] Deng FZ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep; 20(5):302-3 **(Chi)**

[Meningeal involvement in acute lymphoblastic leukemia and malignant lymphoma. Value of the assay of beta 2 microglobulin in the cerebrospinal fluid (letter)] Thyss A, et al. **Presse Med** 1984 Oct 6;13(35):2149 **(Fre)**

[Trigeminal neuralgia symptomatic of a small meningioma of the lateral wall of the cavernous sinus] Maitrot D, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):307-14 (Eng. Abstr.) **(Fre)**

[Case of olfactory groove meningioma with 6-year psychiatric anamnesis] Rutkowska A, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):167-9 (Eng. Abstr.) **(Pol)**

[Characteristics of the clinical manifestations of intracranial meningiomas invading the orbit] Trosh RM. **Oftalmol Zh** 1985;(1):28-30 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Lumbar reservoir for intrathecal chemotherapy. Dyck P. **Cancer** 1985 Jun 15;55(12):2771-3

Remission from central nervous system involvement in adults with acute leukemia. Effect of intensive therapy and prognostic factors. Stewart DJ, et al. **Cancer** 1985 Aug 1;56(3):632-41

Remission induction of meningeal leukemia with high-dose intravenous methotrexate. Balis FM, et al. **J Clin Oncol** 1985 Apr;3(4):485-9

How much is too much high-dose cytosine arabinoside? [editorial] Duffy TP. **J Clin Oncol** 1985 May;3(5):601-3

Antiestrogenic therapy of meningiomas--a pilot study. Markwalder TM, et al. **Surg Neurol** 1985 Sep;24(3):245-9

[Use of Ommaya reservoirs in the treatment of meningeal relapse of acute lymphoblastic leukemia] Janvier M, et al. **Nouv Rev Fr Hematol** 1984;26(5):295-8 (Eng. Abstr.) **(Fre)**

[High-dose cytarabine treatment in acute leukemias and leukemic meningiosis: clinical aspects and pharmacokinetics] Nowrousian MR, et al. **Onkologie** 1985 Feb;8(1):26-32 (Eng. Abstr.) **(Ger)**

[New developments in chemotherapy for experimental brain metastasis] Kobayashi T. **Gan To Kagaku Ryoho** 1985 Mar; 12(3 Pt 2):757-65 (Eng. Abstr.) **(Jpn)**

[Case report of meningeal carcinomatosis of gastric cancer successfully treated with intrathecal and systemic chemotherapy] Usui N, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):155-9 (Eng. Abstr.) **(Jpn)**

[Results of treatment and prevention of neuroleukemia in children] Kurmashov VI. **Gematol Transfuziol** 1985 Apr; 30(4):19-23 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Biochemical characterization of 17 beta-hydroxysteroid dehydrogenase in human meningioma. Martin PM, et al. **Clin Neuropharmacol** 1984;7(4):389-94

Brain tumors and plasmin inhibitors. Sawaya R, et al. **Neurosurgery** 1984 Dec;15(6):795-800

ETIOLOGY

[A case of development of neuroleukemia in the beginning of the terminal stage of chronic myeloleukosis] Baidurin SA, et al. **Ter Arkh** 1984;56(8):144-5 **(Rus)**

FAMILIAL & GENETIC

A unique pattern of central nervous system leukemia in acute myelomonocytic leukemia associated with inv(16)(p13q22). Holmes R, et al. **Blood** 1985 May;65(5):1071-8

Chromosome translocation t(14;22) and oncogene (c-sis) variant in a pedigree with familial meningioma. Bolger GB, et al. **N Engl J Med** 1985 Feb 28;312(9):564-7

[A family of von Recklinghausen's disease associated with bilateral acoustic neurinomas and falx meningiomas] Araki Y, et al. **No To Shinkei** 1984 Jul;36(7):641-8 (Eng. Abstr.) **(Jpn)**

[A family of von Recklinghausen's neurofibromatosis complicated by mononeuritis multiplex, bilateral acoustic neurinomas, and falx and spinal meningiomas] Mori M, et al. **No To Shinkei** 1985 Apr;37(4):403-8 (Eng. Abstr.) **(Jpn)**

[Meningioma and acoustic neurinoma occurring in two siblings of two different families] Yamanaka C, et al. **No To Shinkei** 1984 Oct;36(10):957-68 (Eng. Abstr.) **(Jpn)**

METABOLISM

Progestin and estrogen receptors in human meningioma. Blankenstein MA, et al. **Clin Neuropharmacol** 1984; 7(4):363-7

Steroid receptors in human meningioma. Hayward E, et al. **Clin Neuropharmacol** 1984;7(4):351-6

Estrogen and progestin receptors in meningiomas: clinicopathological correlations. Markwalder TM, et al. **Clin Neuropharmacol** 1984;7(4):368-74

Cytosolic and nuclear sex steroid receptors in meningioma. Moguilewsky M, et al. **Clin Neuropharmacol** 1984; 7(4):375-81

Sex steroid receptors in human meningiomas. Poisson M. **Clin Neuropharmacol** 1984;7(4):320-4 (33 ref.)

Biological expression of steroid hormone receptors in primary meningioma cells in monolayer culture. Zava DT, et al. **Clin Neuropharmacol** 1984;7(4):382-8

Estrogen and progestin binding by cytosolic and nuclear fractions of human meningiomas. Martuza RL, et al. **J Neurosurg** 1985 May;62(5):750-6

Phospholipid content and composition of human meningiomas. Riboni L, et al. **Neurochem Pathol** 1984 Fall; 2(3):171-88

Immunohistochemical demonstration of S-100 protein in meningioma. Tabuchi K, et al. **Neurol Med Chir (Tokyo)** 1984 Jul;24(7):466-70

[Biogenic amines and their metabolites in brain tumor tissue] Kmieciak-Kolada K, et al. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):441-4 (Eng. Abstr.) **(Pol)**

OCCURRENCE

[Clinical studies of meningeal gliomatosis] Arita N, et al. **No To Shinkei** 1984 Aug;36(8):775-80 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Cytologic presentation of primary leptomeningeal sarcomatosis. Garbes AD. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):709-12

New CT finding in aggressive meningioma. Shapir J, et al. **AJNR** 1985 Jan-Feb;6(1):101-2

Meningioma of the scalp. Light and electron microscopic observations. Nochomovitz LE, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):92-5

Intracranial meningeal chondrosarcoma--probable mesenchymal type. Rodda RA, et al. **Aust NZ J Surg** 1984 Aug;54(4):387-90

Atypical meningiomas: clinical pathological correlation. Wong G, et al. **Aust NZ J Surg** 1984 Aug;54(4):331-6

Testicular invasion and relapse and meningeal involvement in a rat T-cell leukaemia. Jackson H, et al. **Br J Cancer** 1984 Nov;50(5):617-24

Meningeal involvement in patients with acute nonlymphocytic leukemia. Incidence, management, and predictive factors. Dekker AW, et al. **Cancer** 1985 Oct 15; 56(8):2078-82

Leukemic meningitis in B-cell chronic lymphocytic leukemia. Steinberg JP, et al. **Cancer Treat Rep** 1985 Jun; 69(6):687-8

Review and case report: primary melanoblastosis of the leptomeninges. Bamborschke S, et al. **Clin Neuropathol** 1985 Mar-Apr;4(2):47-55

Recognition of central nervous system leukemia by flow cytometry. Redner A, et al. **Cytometry** 1984 Nov;5(6):614-8

Central nervous system in leukaemia. Baruah MK, et al. **Indian J Med Res** 1984 Sep;80:300-6

Papillary and glandular meningiomas: report of two cases. Kasantikul V, et al. **J Med Assoc Thai** 1985 May; 68(5):276-81

Multiple meningiomas with cranial nerve involvement. Kasantikul V, et al. **J Med Assoc Thai** 1984 Nov; 67(11):634-9

'True' cystic meningioma [letter] Ruelle A, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):716-8

Modulation of meningioma cell growth by sex steroid hormones in vitro. Jay JR, et al. **J Neurosurg** 1985 May; 62(5):757-62

Benign metastasizing meningioma. Case report. Miller DC, et al. **J Neurosurg** 1985 May;62(5):763-6

Meningioma of the parapharyngeal space: a unique extension of intracranial tumor. Haratake J, et al. **Laryngoscope** 1984 Oct;94(10):1372-5

Intracranial and spinal multiple meningioma appearing after an interval of 22 years. Harish Z, et al. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):25-7

Vimentin intermediate filaments in cultures of human meningiomas. Lolait SJ, et al. **Neuropathol Appl Neurobiol** 1984 Sep-Oct;10(5):321-31

Falcine chondrosarcoma: case report and literature review. Cybulski GR, et al. **Neurosurgery** 1985 Mar;16(3):412-5

Tentorial cavernous angioma with calcification in a neonate. Moritake K, et al. **Neurosurgery** 1985 Feb;16(2):207-11

Metastatic meningioma to cervical vertebra: case report. Wu JK, et al. **Neurosurgery** 1985 Jul;17(1):75-9

Mixed teratoma and meningioma in the temporoparietal region. Lanuza M, et al. **Surg Neurol** 1985 Apr; 23(4):399-402

Cervical meningioma: report of a case and review of the literature. Hendrix RA, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter; 37(2):235-9

Metastases of malignant neoplasms to intracranial tumours: the 'tumour-in-a-tumour' phenomenon. Schmitt HP. **Virchows Arch [A]** 1984;405(1):155-60

[Intracranial primary meningeal gliomatosis] Lu DH. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Oct; 17(5):301-3 (Eng. Abstr.) **(Chi)**

[Importance of meningioma. Clinico-epidemiologic and histologic studies] Guski M, et al. **Zentralbl Neurochir** 1984; 45(3):219-32 (Eng. Abstr.) **(Ger)**

[Multiple neoplastic combinations in the aged. Case contribution] Pupillo M, et al. **Minerva Med** 1985 Apr 28; 76(17-18):859-64 (Eng. Abstr.) **(Ita)**

[Lung metastasis of intraosseous meningioma prior to craniotomy. Case report] Onoda K, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):306-10 (Eng. Abstr.) **(Jpn)**

[Meningioma with vacuolated component. A contribution to the pathogenesis of the cyst formation in meningioma--report of two cases] Orita T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):479-83 (Eng. Abstr.) **(Jpn)**

[Clinico-pathological study of meningiomas in childhood--with special reference to malignant meningiomas] Toyama T, et al. **No Shinkei Geka** 1985 Apr; 13(4):383-9 (Eng. Abstr.) **(Jpn)**

[An autopsy case of intracranial multiple meningiomas associated with extracranial multiple neurinomas] Watanabe M, et al. **No Shinkei Geka** 1984 Jul;12(8):995-9 (Eng. Abstr.) **(Jpn)**

[Development of ACNU-resistant meningeal gliomatosis models: establishment of resistant rat glioma subline against ACNU] Yoshida T, et al. **No Shinkei Geka** 1984 Aug; 12(9):1029-36 (Eng. Abstr.) **(Jpn)**

[Meningeal gliomatosis: development of experimental models] Yoshida T, et al. **No Shinkei Geka** 1984 Sep; 12(10):1141-8 (Eng. Abstr.) **(Jpn)**

[A case of Hodgkin's disease with meningeal involvement] Ishikawa Y, et al. **Rinsho Ketsueki** 1985 Jan;26(1):69-73 (Eng. Abstr.) **(Jpn)**

[A case of carcinomatosis of the pia mater] Matyja E, et al. **Neuropatol Pol** 1985;23(1):49-54 (Eng. Abstr.) **(Pol)**

[Sphenoidal meningioma invading the orbit] Segal N. **Rev Chir [Oftalmol]** 1984 Oct-Dec;28(4):301-5 **(Rum)**

[Primary melanoblastosis of meninges of the brain and spinal cord] Kurennaia SS. **Zh Vopr Neirokhir** 1984 Jul-Aug; (4):60-3 **(Rus)**

[Meningeal involvement in acute leukemia of children] Zolezzi P, et al. **Rev Chil Pediatr** 1984 Nov-Dec; 55(6):388-94 (Eng. Abstr.) **(Spa)**

PHYSIOPATHOLOGY

[Regressive oculomotor disorders in meningioma of the cavernous sinus] Pasquier F, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):435-40 (Eng. Abstr.) **(Fre)**

[Methodologic problems in studies of pressure in the venous sinuses of the brain] Razumovskii AE, et al. **Zh Vopr Neirokhir** 1985 Jul-Aug;(3):31-6 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

The somnolence syndrome in leukemic children following reduced daily dose fractions of cranial radiation. Littman P, et al. **Int J Radiat Oncol Biol Phys** 1984 Oct; 10(10):1851-3

RADIOGRAPHY

Extracranial meningiomas of the head and neck. Geoffray A, et al. **AJNR** 1984 Sep-Oct;5(5):599-604

CT evaluation of perineural orbital lesions: evaluation of the 'tram-track' sign. Johns TT, et al. **AJNR** 1984 Sep-Oct; 5(5):587-90

Myelographic demonstration of 'nodular radiculopathy' in acute myelogenous leukemia. Mirvis S, et al. **AJNR** 1984 Sep-Oct;5(5):641-3

Lumbosacral meningioma. Wood JB, et al. **AJNR** 1985 May-Jun;6(3):450-1

Meningioma which simulates hypophyseal tumor. Valadez F, et al. **Arch Invest Med (Mex)** 1984 Oct-Dec; 15(4):397-403 **(Eng, Spa)**

Unusual central nervous system infiltration in a patient with acute myeloid leukaemia. Tinegate HN, et al. **Clin Lab Haematol** 1984;6(4):387-91

Multiple meningiomas diagnosed by computed tomography. Federico F, et al. **Ital J Neurol Sci** 1984 Sep;5(3):295-8

Pathological contrast enhancement of the subarachnoidal space in CT of a retinoblastoma case with orbital recurrence. Poppe P, et al. **J Belge Radiol** 1984; 67(5):329-31

Low dose arterial contrast enhancement for cranial computed tomography in renal insufficiency. Kier R, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):800-2

Subdural hematoma in patients with brain tumor: CT evaluation. Wang AM, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):511-3

Meningioma with intratumoral fat. Sacher M, et al. **J Comput Tomogr** 1985 Jan;9(1):83-5

Giant meningioma of unusual origin. Marks PV, et al. **J R Soc Med** 1984 Oct;77(10):891-3

Cystic meningiomas: report of two cases. Aydin Y, et al. **Neurosurgery** 1985 Jan;16(1):87-9

Giant meningioma in a fourteen-month-old infant. Alp H, et al. **Surg Neurol** 1985 Jul;24(1):77-9

Intracranial hemangiopericytoma: radiology, surgery, radiotherapy, and outcome in 21 patients. Jääskeläinen J, et al. **Surg Neurol** 1985 Mar;23(3):227-36

Meningioma of the lesser sphenoid wing presenting like Parkinson's disease [letter] Lesoin F, et al. **Surg Neurol** 1985 Apr;23(4):452-3

[X-ray diagnosis of malignant meningioma and meningeal sarcoma (an analysis of 23 cases)] Wang X. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):192-4 (Eng. Abstr.) **(Chi)**

[Extracranial and extracranially invasive meningiomas] Li SX, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb; 23(2):101-3, 128 (Eng. Abstr.) **(Chi)**

[A case of a foramen magnum tumor--value of coronal section in metrizamide myelography] Kudo H, et al. **Rinsho Hoshasen** 1984 May;29(5):599-601 (Eng. Abstr.) **(Jpn)**

[A case of cystic meningioma] Tomura N, et al. **Rinsho Hoshasen** 1984 Jul;29(7):801-4 (Eng. Abstr.) **(Jpn)**

[Value of computerized tomography and other diagnostic tests in the diagnosis and treatment of meningeal complications of malignant lymphomas] Kotlarek-Haus S, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):161-4 (Eng. Abstr.) **(Pol)**

[Craniography in brain tumors] Kamalov II. **Zh Nevropatol Psikhiatr** 1985;85(5):696-9 (Eng. Abstr.) **(Rus)**

[A comparison of findings on computerized brain tomography with pathohistologic findings in meningioma] Kalousek M, et al. **Lijec Vjesn** 1985 Jul;107(7):300-4 (Eng. Abstr.) **(Scr)**

RADIOTHERAPY

Radiation therapy in the treatment of meningioma: the Joint Center for Radiation Therapy experience 1970 to 1982. Forbes AR, et al. **J Clin Oncol** 1984 Oct;2(10):1139-43

Radiation therapy for incompletely resected meningiomas. Petty AM, et al. **J Neurosurg** 1985 Apr;62(4):502-7

[Radiosensitive meningioma. Case report] Shimoyama I, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):131-5 (Eng. Abstr.) **(Jpn)**

SECONDARY

Early CT detection of intracranial seeding from medulloblastoma. North C, et al. **AJNR** 1985 Jan-Feb; 6(1):11-3

Cranial computed tomographic abnormalities in leptomeningeal metastasis. Lee YY, et al. **AJR** 1984 Nov; 143(5):1035-9

Carcinoid carcinomatous meningitis. Nagourney RA, et al. **Ann Intern Med** 1985 Jun;102(6):779-82

Leptomeningeal metastases: peripheral nerve and root involvement--clinical and electrophysiological study. Argov Z, et al. **Ann Neurol** 1985 Jun;17(6):593-6

Evolution of computed tomographic abnormalities in leptomeningeal metastases. Jaeckle KA, et al. **Ann Neurol** 1985 Jan;17(1):85-9

Leptomeningeal dissemination of primary central nervous system tumors of childhood. Packer RJ, et al. **Ann Neurol** 1985 Aug;18(2):217-21

Leptomeningeal metastases: reduction in regional cerebral blood flow and cognitive impairment. Siegal T, et al. **Ann Neurol** 1985 Jan;17(1):100-2

Carcinomatous meningitis associated with infiltrating lobular carcinoma of the breast. Smith DB, et al. **Eur J Surg Oncol** 1985 Mar;11(1):33-6

Meningeal carcinomatosis due to basal cell carcinoma. Soffer D, et al. **Hum Pathol** 1985 May;16(5):530-2

Cerebrospinal metastases in malignant childhood astrocytomas. Kandt RS, et al. **J Neurooncol** 1984; 2(2):123-8

Metrizamide myelography in patients with small cell carcinoma of the lung suspected of meningeal carcinomatosis. Pedersen AG, et al. **J Neurooncol** 1985; 3(1):85-9

Carcinomatous meningitis from transitional cell carcinoma of bladder. Mandell S, et al. **Urology** 1985 May;25(5):520-1

[Use of a lumbar Ommaya reservoir for chemotherapy and analgesia] Poulain P, et al. **Cah Anesthesiol** 1985 Jan-Feb; 33(1):21-2 **(Fre)**

[A case of childhood primary malignant intracranial lymphoma showing a meningeal spread] Takahashi T, et al. **No Shinkei Geka** 1985 Mar;13(3):327-34 (Eng. Abstr.) **(Jpn)**

[Case of intracranial and spinal dissemination of primary spinal glioma] Takara E, et al. **No Shinkei Geka** 1985 Mar; 13(3):301-5 (Eng. Abstr.) **(Jpn)**

[Neoplasm metastases to the central nervous system simulating tuberculous meningitis. Description of 4 cases] Korniluk S, et al. **Pneumonol Pol** 1984 Jun;52(6):273-8 (Eng. Abstr.) **(Pol)**

[Carcinoma of cutaneous adnexa: an unusual cause of meningeal carcinomatosis (letter)] Barajas Garcia-Talavera F, et al. **Med Clin (Barc)** 1984 Sep 29;83(9):395 **(Spa)**

[Meningeal carcinomatosis] Cobo Reinoso ME, et al. **Rev Clin Esp** 1985 Feb;176(2):77-81 (Eng. Abstr.) **(Spa)**

SECRETION

[Secondary polycythemia with hypererythropoietinemia. Supratentorial meningioma] Saint-Jean O, et al. **Rev Neurol (Paris)** 1985;141(2):143-5 (Eng. Abstr.) **(Fre)**

SURGERY

Operability of intracranial meningiomas. Personal series of 353 cases. Pertuiset B, et al. **Acta Neurochir (Wien)** 1985; 76(1-2):2-11

Left and right cerebral hemisphere differences in the occurrence of epilepsy. Scott DF. **Br J Med Psychol** 1985 Jun;58 (Pt 2):189-92

Preoperative Gelfoam embolization of supratentorial meningiomas. Rutka J, et al. **Can J Surg** 1985 Sep; 28(5):441-3

Meningioma in the interpeduncular cistern in a child. Tamaki N, et al. **Childs Nerv Syst** 1985;1(2):123-5

Cranioplasty with inner table of bone flap. Technical note. Kyoshima K, et al. **J Neurosurg** 1985 Apr;62(4):607-9

Meningioma: analysis of recurrence and progression following neurosurgical resection. Mirimanoff RO, et al. **J Neurosurg** 1985 Jan;62(1):18-24

Occlusion of the great vein of Galen associated with a huge meningioma in the pineal region. Case report. Sakaki S, et al. **J Neurosurg** 1984 Dec;61(6):1136-40

Use of the Nd-YAG laser in neurosurgery. Beck OJ. **Neurosurg Rev** 1984;7(2-3):151-7

Nd-YAG laser as a surgical tool. Handa H, et al. **Neurosurg Rev** 1984;7(2-3):159-62, 164

Spinal vascular tumors: dilemmas in diagnosis and management. Cawthon DF, et al. **Neurosurgery** 1985 May; 16(5):625-9

Surgical approaches to intraventricular meningiomas of the trigone. Jun CL, et al. **Neurosurgery** 1985 Mar;16(3):416-20

Microsurgical removal of suprasellar meningiomas. Al-Mefty O, et al. **Neurosurgery** 1985 Mar;16(3):364-72

Usefulness of the orbitofrontomalar approach associated with bone reconstruction for frontotemporosphenoid meningiomas. Pellerin P, et al. **Neurosurgery** 1984 Nov; 15(5):715-8

Posttraumatic meningioma. Schiffer J, et al. **Neurosurgery** 1985 Jul;17(1):84-7

Total removal of a falcotentorial junction meningioma by biparietooccipital craniotomy in the sea lion position: a case report. Suzuki M, et al. **Neurosurgery** 1984 Nov;15(5):710-4

Dementia due to meningioma: outcome after surgical removal. Chee CP, et al. **Surg Neurol** 1985 Apr;23(4):414-6

Late outcome of operations for supratentorial convexity meningiomas. Report on 207 cases. Giombini S, et al. **Surg Neurol** 1984 Dec;22(6):588-94

Ectopic subgaleal meningioma and familial neurofibromatosis. Guarnaschelli JJ, et al. **Surg Neurol** 1985 Apr;23(4):371-4

[Meningioma of the posterior cranial fossa] Li L. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):196-200 (Eng. Abstr.) **(Chi)**

[Hemorrhage and hemostasis during surgery of intracranial meningioma] Zhai YC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug; 17(4):193-5 (Eng. Abstr.) **(Chi)**

[Orbital meningiomas] Beziat JL, et al. **Ann Chir Plast Esthet** 1984;29(3):241-6 (Eng. Abstr.) **(Fre)**

[Invasion of the craniofacial mass in meningioma. Problems of excision and reconstruction] Pellerin P, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):389-99 (Eng. Abstr.) **(Fre)**

[Meningioma of the posterior cranial fossa] Goldhahn WE. **Zentralbl Neurochir** 1984;45(3):196-209 (Eng. Abstr.) **(Ger)**

[Treatment of large tumors of the cerebellopontile angle using a combined transtentorial and translabyrinthine approach to the middle cranial fossa] Paini G, et al. **Acta Biomed Ateneo Parmense** 1984;55(3-4):173-80 (Eng. Abstr.) **(Ita)**

[Possibilities and limits of microsurgery in patients with meningioma of the sellar region] Probst C. **Clin Ter** 1985 May 31;113(4):253-9 (Eng. Abstr.) **(Ita)**

[Transoral anterior approach to foramen magnum meningioma--a case report and review] Chono Y, et al. **No Shinkei Geka** 1985 Jan;13(1):109-14 (Eng. Abstr.) **(Jpn)**

[Surgery of trigonal tumor] Handa H, et al. **No Shinkei Geka** 1984 Jul;12(8):901-12 **(Jpn)**

[Hemostatic reactions during operations on brain tumors] Kondrat'ev AN. **Vestn Khir** 1985 May;134(5):73-5 **(Rus)**

[Disorders of motor functions after removal of parasagittal meningiomas] Gagibov GA, et al. **Zh Vopr Neirokhir** 1985 Mar-Apr;(2):24-30 (Eng. Abstr.) **(Rus)**

THERAPY

CNS involvement by non-Hodgkin's lymphoma. Response to a standard therapeutic protocol. Raz I, et al. **Arch Neurol** 1984 Nov;41(11):1167-71

Therapy of CNS leukemia with intraventricular chemotherapy and low-dose neuraxis radiotherapy. Steinherz P, et al. **J Clin Oncol** 1985 Sep;3(9):1217-26

[Preoperative embolization of intracranial meningiomas] Del Favero C, et al. **Radiol Med (Torino)** 1984 Mar;70(3):113-7 (Eng. Abstr.) **(Ita)**

[Transcatheter embolization with Ivalon particles in cases of intracranial meningiomas] Koike T, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):103-9 (Eng. Abstr.) **(Jpn)**

[Preoperative embolization of intracranial meningiomas] Yoshida K, et al. **Neurol Med Chir (Tokyo)** 1985 Jun; 25(6):471-8 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Vimentin filament-desmosome cytoskeleton of diverse types of human meningiomas. A distinctive diagnostic feature. Schwechheimer K, et al. **Lab Invest** 1984 Nov;51(5):584-91

[Light microscopic morphology of the nucleolus and its ultrastructural equivalent] Topov Ia, et al. **Eksp Med Morfol** 1985;24(1):42-8 (Eng. Abstr.) **(Bul)**

[Karyometric studies of meningiomas] Martin H, et al. **Zentralbl Neurochir** 1984;45(4):289-98 (Eng. Abstr.) **(Ger)**

[Electron microscopic study of metastatic hemangiopericytic meningioma] Itoh Y, et al. **No Shinkei Geka** 1984 Sep; 12(10):1187-93 (Eng. Abstr.) **(Jpn)**

VETERINARY

Contrast enhancement of spontaneous animal CNS tumors with gadolinium DTPA: a correlation of MRI with x-ray CT. Goldstein EJ, et al. **Physiol Chem Phys Med NMR** 1985;17(1):113-22

Meningeal hemangioma and renal hamartoma in a heifer. Hodgin EC. **Vet Pathol** 1985 Jul;22(4):420-1

An atypical spinal meningioma in a dog. Raskin RE. **Vet Pathol** 1984 Sep;21(5):538-40

MENINGES

Subdural migration of an epidural catheter [letter] Bromage PR. **Anesth Analg** 1985 Oct;64(10):1029

Subdural injection of local anesthetic: a complication of epidural anesthesia. Stevens RA, et al. **Anesthesiology** 1985 Sep;63(3):323-6

Simplified technique for subdural pressure monitoring: technical note. Villanueva PA. **Neurosurgery** 1985 Feb; 16(2):238-40

[Multifocal cerebral, meningeal and subcutaneous cysticercosis] Vacek J, et al. **Cesk Neurol Neurochir** 1985 May;48(3):186-9 (Eng. Abstr.) **(Cze)**

[Intracranial arachnoid cyst associated with subdural hygroma: report of a case] Tortelly-Costa AC, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):91-7 (Eng. Abstr.) **(Por)**

BLOOD SUPPLY

Meningeal arteriovenous fistulae draining into cortical veins. 31 cases. Gaston A, et al. **J Neuroradiol** 1984;11(3):161-77 **(Eng, Fre)**

[Perfusional effects of extracorporeal circulation under deep hypothermia on the canine cerebral and conjunctival microcirculation] Shen JY. **Chung Hua I Hsueh Tsa Chih** 1985 Jan;65(1):20-5 (Eng. Abstr.) **(Chi)**

CYTOLOGY

Meningeal cells are involved in foliation, lamination, and neurogenesis of the cerebellum: evidence from 6-hydroxydopamine-induced destruction of meningeal cells. Pehlemann FW, et al. **Dev Biol** 1985 Jul;110(1):136-46

The presence or absence of melanocytes in the human optic nerve and its meningeal sheaths. Kojima K, et al. **Kurume Med J** 1984;31(2):167-70

DRUG EFFECTS

Scanning electron microscopic findings on the rabbit meninges after local lavage with Polyvinylpyrrolidon-Jod-Komplex. Strohecker J, et al. **Acta Neurochir (Wien)** 1985;77(1-2):72-4

Selective destruction of meningeal cells by 6-hydroxydopamine: a tool to study meningeal-neuroepithelial interaction in brain development. Sievers J, et al. **Dev Biol** 1985 Jul; 110(1):127-35

[Effect of di- and trivalent metal ions on the complexing of D-ala2, D-leu5-enkephalin with opiate receptors of brain membrane preparations] Zaitsev SV, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1260-3 **(Rus)**

ENZYMOLOGY

Neuronal and glial localization of guanylate cyclase. Immunohistochemical evidence in cultured cells. Zwiller J, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):51-6

INJURIES

Unintentional removal of meningeal tissue with a 25-gauge spinal needle during spinal anesthesia: a case report. Scheller MS, et al. **Anesthesiology** 1984 Nov;61(5):593-4

METABOLISM

Pharmacokinetics of trimethoprim and sulfamethoxazole in serum and cerebrospinal fluid of adult patients with normal meninges. Dudley MN, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):811-4

Meningeal penetration of apalcillin in man. Raoult D, et al.

J Antimicrob Chemother 1985 Jan;15(1):123-5

PATHOLOGY

Penetration of aztreonam into cerebrospinal fluid of patients with and without inflamed meninges. Duma RJ, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):730-3

Pontomedullary encephalitis and basal meningitis due to Listeria monocytogenes: report of a case. Callea L, et al. **Eur Neurol** 1985;24(4):217-20

The dissemination of fragments of cerebellar tissue into the spinal subarachnoid and subdural spaces following severe head injury--a report of two cases. Smith CM, et al. **Med Sci Law** 1985 Jan;25(1):67-8

RADIOGRAPHY

Sacral meningeal cysts. A radio-clinical study based on 8 personal cases. Tournade A, et al. **J Neuroradiol** 1984; 11(2):83-103 **(Eng, Fre)**

[Leptomeningeal cyst and extensive osteolysis. Rare complication of fractures of the skull. Apropos of 4 cases] Pascaud JL, et al. **Ann Radiol (Paris)** 1984 Dec;27(8):659-63 (Eng. Abstr.) **(Fre)**

ULTRASTRUCTURE

Compartments and perivascular arrangement of the meninges covering the cerebral cortex of the rat. Krisch B, et al. **Cell Tissue Res** 1984;238(3):459-74

[Retrocerebellar glio-ependymal cyst with corpora amylacea in wall. Case report] Yamashima T, et al. **Neurol Med Chir (Tokyo)** 1985 May;25(5):387-92 (Eng. Abstr.) **(Jpn)**

[Light and electron microscopic studies on the subdural space, the subarachnoid space and the arachnoid membrane] Yamashima T, et al. **Neurol Med Chir (Tokyo)** 1984 Oct;24(10):737-46 (Eng. Abstr.) **(Jpn)**

MENINGIOMA

Cutaneous meningioma. Serwatka LM, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):896-900

Meningiomas of the cerebellopontine angle. Laird FJ, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):163-7

[Retrospective study of 50 cases of spinal meningioma] Rustichelli P, et al. **Acta Biomed Ateneo Parmense** 1984; 55(5-6):255-60 (Eng. Abstr.) **(Ita)**

ANALYSIS

Progesterone and oestrogen receptors in meningiomas: biochemical and clinicopathological considerations. Whittle IR, et al. **Aust NZ J Surg** 1984 Aug;54(4):325-30

Polyamines in human brain tumors. A correlative study between tumor, cerebrospinal fluid and red blood cell free polyamine levels. Moulinoux JP, et al. **J Neurooncol** 1984; 2(2):153-8

Hormonal receptors in meningiomas [letter] Vaquero J, et al. **J Neurosurg** 1985 Jan;62(1):162-3

Steroid hormone receptors in human meningiomas. A look at the past, present and the future. Schlesinger S, et al. **Minn Med** 1985 Jul;68(7):544-5

[Estrogen and progesterone hormonal receptors in meningioma. Results and comments apropos of 26 cases] Jan M, et al. **Neurochirurgie** 1984;30(6):373-7 (Eng. Abstr.) **(Fre)**

[Association of carcinoma of the breast and meningioma] Carrión Galindo JR, et al. **Med Clin (Barc)** 1984 Oct 20; 83(12):504-6 (Eng. Abstr.) **(Spa)**

BLOOD

Plasma fibronectin in patients with brain tumors. Sawaya R, et al. **Neurosurgery** 1985 Feb;16(2):161-5

BLOOD SUPPLY

Fine structure of psammoma bodies at the outer aspect of blood vessels in meningioma. Kubota T, et al. **Acta Neuropathol (Berl)** 1985;66(2):163-6

CEREBROSPINAL FLUID

Decreased cerebrospinal fluid glutamine levels in patients with benign brain tumors. el-Yazigi A, et al. **J Neurochem** 1985 Sep;45(3):815-8

COMPLICATIONS

Cluster headache-like pain caused by an upper cervical meningioma. Kuritzky A. **Cephalalgia** 1984 Sep;4(3):185-6

Coincidence of a brain tumor and a cerebral arterial aneurysm--report of a case and review of the literature. Ishibashi A, et al. **Kurume Med J** 1984;31(3):229-33

Transient global amnesia and meningioma. Meador KJ, et al. **Neurology** 1985 May;35(5):769-71

Meningioma with intracerebral hematoma. Kohli CM, et al. **Neurosurgery** 1984 Aug;15(2):237-40

Syringomyelia associated with a foramen magnum meningioma. Hirata Y, et al. **Surg Neurol** 1985 Mar; 23(3):291-4

Meningioma and occlusive vasculopathy: coexisting complications of past extracranial radiation. Montanera W, et al. **Surg Neurol** 1985 Jul;24(1):35-9

Parkinsonism as a manifestation of brain tumor. Polyzoidis KS, et al. **Surg Neurol** 1985 Jan;23(1):59-63

[The optico-ciliary vein] Song GX. **Chung Hua Yen Ko Tsa Chih** 1985 May;21(3):129-32 **(Chi)**

[Cluster headache due to meningioma. 2 cases (letter)] Lefevre JP, et al. **Presse Med** 1984 Oct 27;13(38):2323 **(Fre)**

[Accompanying migraine disclosing meningioma (letter)] Muller JP, et al. **Presse Med** 1984 Sep 15;13(31):1902-3 **(Fre)**

[Eye symptoms in hypophyseal adenomas, craniopharyngiomas and meningiomas of the anterior and middle cranial fossa] Herold S, et al. **Klin Monatsbl Augenheilkd** 1984 Dec;185(6):495-504 (Eng. Abstr.) **(Ger)**

[Neuro-ophthalmology of the chiasmal syndrome] Huber A. **Schweiz Rundsch Med Prax** 1984 Aug 7;73(32):987-94 (Eng. Abstr.) **(Ger)**

[Apoplectiform course of meningiomas: experience with 226 cases] Probst C. **Schweiz Rundsch Med Prax** 1985 Apr 30; 74(18):467-71 (Eng. Abstr.) **(Ger)**

[Intraventricular meningioma with intracerebral hemorrhage. Case report] Hosaka Y, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):115-8 (Eng. Abstr.) **(Jpn)**

[Association of brain tumor and multiple aneurysms. Case report] Tokuda Y, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):301-5 (Eng. Abstr.) **(Jpn)**

[Mechanisms of hydrocephalus development in patients with parasagittal meningiomas] Gasparian SS, et al. **Zh Vopr Neirokhir** 1985 Jan-Feb;(1):13-9 (Eng. Abstr.) **(Rus)**

[Transient global amnesia associated with a meningioma of the frontal lobe (letter)] Riva C, et al. **Med Clin (Barc)** 1985 Jan 19;84(2):81 **(Spa)**

DIAGNOSIS

Clinical pathology of malignant meningiomas. Inoue H, et al. **Acta Neurochir (Wien)** 1984;73(3-4):179-91

Magnetic resonance imaging of meningiomas. Zimmerman RD, et al. **AJNR** 1985 Mar-Apr;6(2):149-57

Idiopathic inflammatory perioptic neuritis simulating optic nerve sheath meningioma. Dutton JJ, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):424-30

Extracranial surgery--intracerebral tumour. Millar SW, et al. **Anaesthesia** 1985 Aug;40(8):777-9

Cerebellopontine angle meningiomas: clinical manifestations and diagnosis. Granick MS, et al. **Ann Otol Rhinol Laryngol** 1985 Jan-Feb;94(1 Pt 1):34-8

Anorexia nervosa masking the diagnosis of spinal meningioma: a case report. Reiser LW, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):289-93

Temporal lobe meningioma masked by polymyalgia rheumatica. Schattner A, et al. **Isr J Med Sci** 1985 May; 21(5):441-4

MR imaging of meningiomas including studies with and without gadolinium-DTPA. Bydder GM, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):690-7

Differentiation of cerebellopontine angle neuromas and meningiomas with MR imaging. Mikhael MA, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):852-6

Initial clinical evaluation of gadolinium DTPA for contrast-enhanced magnetic resonance imaging. Runge VM, et al. **Magn Reson Imaging** 1985;3(1):27-35

Planum sphenoidale meningioma mimicking pituitary apoplexy: a case report. Marano SR, et al. **Neurosurgery** 1984 Dec;15(6):859-62

Multiple meningiomas in the posterior fossa. Nagano T, et al. **Surg Neurol** 1985 Apr;23(4):425-7

[Analysis of 78 cases of meningioma of the sellar tubercle] Deng FZ. **Chung Hua Yen Ko Tsa Chih** 1984 Sep; 20(5):302-3 **(Chi)**

[Bilateral meningiomas of the optic nerves associated with partial unilateral Duane's syndrome] Rohr J, et al. **Rev Neurol (Paris)** 1984;140(11):637-41 (Eng. Abstr.) **(Fre)**

[Trigeminal neuralgia symptomatic of a small meningioma of the lateral wall of the cavernous sinus] Maitrot D, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):307-14 (Eng. Abstr.) **(Fre)**

[Case of olfactory groove meningioma with 6-year psychiatric anamnesis] Rutkowska A, et al. **Pol Tyg Lek** 1985 Feb 11;40(6):167-9 (Eng. Abstr.) **(Pol)**

[Meningioma of the posterior fossa with extracranial expansion in a child: report of a case] de Moraes Júnior LC, et al. **Arq Neuropsiquiatr** 1984 Dec;42(4):392-7 (Eng. Abstr.) **(Por)**

[Characteristics of the clinical manifestations of intracranial meningiomas invading the orbit] Trosh RM. **Oftalmol Zh** 1985;(1):28-30 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Effect of large doses of methylprednisolone on supratentorial intracranial tumors. A clinical and CAT scan evaluation. Leiguarda R, et al. **Eur Neurol** 1985;24(1):23-32

Antiestrogenic therapy of meningiomas--a pilot study. Markwalder TM, et al. **Surg Neurol** 1985 Sep;24(3):245-9

ENZYMOLOGY

Biochemical characterization of 17 beta-hydroxysteroid dehydrogenase in human meningioma. Martin PM, et al. **Clin Neuropharmacol** 1984;7(4):389-94

Brain tumors and plasmin inhibitors. Sawaya R, et al. **Neurosurgery** 1984 Dec;15(6):795-800

ETIOLOGY

Recurrent prolactinoma and meningioma following irradiation and bromocriptine treatment. Kolodny J, et al. **Am J Med** 1985 Jan;78(1):153-5

Radiation-induced cerebral meningioma: a recognizable entity. Rubinstein AB, et al. **J Neurosurg** 1984 Nov; 61(5):966-71

FAMILIAL & GENETIC

Chromosome translocation t(14;22) and oncogene (c-sis) variant in a pedigree with familial meningioma. Bolger GB, et al. **N Engl J Med** 1985 Feb 28;312(9):564-7

[A family of von Recklinghausen's disease associated with bilateral acoustic neurinomas and falx meningiomas] Araki Y, et al. **No To Shinkei** 1984 Jul;36(7):641-8 (Eng. Abstr.) **(Jpn)**

[A family of von Recklinghausen's neurofibromatosis complicated by mononeuritis multiplex, bilateral acoustic neurinomas, and falx and spinal meningiomas] Mori M, et al. **No To Shinkei** 1985 Apr;37(4):403-8 (Eng. Abstr.) **(Jpn)**

[Meningioma and acoustic neurinoma occurring in two siblings of two different families] Yamanaka C, et al. **No To Shinkei** 1984 Oct;36(10):957-68 (Eng. Abstr.) **(Jpn)**

METABOLISM

Immunohistochemical localisation of macromolecules of the basement membrane and extracellular matrix of human gliomas and meningiomas. Bellon G, et al. **Acta Neuropathol (Berl)** 1985;66(3):245-52

Progestin and estrogen receptors in human meningioma. Blankenstein MA, et al. **Clin Neuropharmacol** 1984; 7(4):363-7

Steroid receptors in human meningioma. Hayward E, et al. **Clin Neuropharmacol** 1984;7(4):351-6

Estrogen and progestin receptors in meningiomas: clinicopathological correlations. Markwalder TM, et al. **Clin Neuropharmacol** 1984;7(4):368-74

Cytosolic and nuclear sex steroid receptors in meningioma. Moguilewsky M, et al. **Clin Neuropharmacol** 1984; 7(4):375-81

Sex steroid receptors in human meningiomas. Poisson M. **Clin Neuropharmacol** 1984;7(4):320-4 (33 ref.)

Biological expression of steroid hormone receptors in primary meningioma cells in monolayer culture. Zava DT, et al. **Clin Neuropharmacol** 1984;7(4):382-8

Estrogen and progestin binding by cytosolic and nuclear fractions of human meningiomas. Martuza RL, et al. **J Neurosurg** 1985 May;62(5):750-6

Phospholipid content and composition of human meningiomas. Riboni L, et al. **Neurochem Pathol** 1984 Fall; 2(3):171-88

Immunohistochemical demonstration of S-100 protein in meningioma. Tabuchi K, et al. **Neurol Med Chir (Tokyo)** 1984 Jul;24(7):466-70

MICROBIOLOGY

Cloning of SV40 genomes from human brain tumors. Krieg P, et al. **Virology** 1984 Oct 30;138(2):336-40

PATHOLOGY

Cytologic presentation of primary leptomeningeal sarcomatosis. Garbes AD. **Acta Cytol (Baltimore)** 1984 Nov-Dec;28(6):709-12

New CT finding in aggressive meningioma. Shapir J, et al. **AJNR** 1985 Jan-Feb;6(1):101-2

Evolution of optociliary veins in optic nerve sheath meningioma. Evolution. Imes RK, et al. **Arch Ophthalmol** 1985 Jan;103(1):59-60

Intrapapillary refractile bodies in optic nerve sheath meningioma. Sibony PA, et al. **Arch Ophthalmol** 1985 Mar; 103(3):383-5

Meningioma of the scalp. Light and electron microscopic observations. Nochomovitz LE, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):92-5

Atypical meningiomas: clinical pathological correlation. Wong G, et al. **Aust NZ J Surg** 1984 Aug;54(4):331-6

Hemangiopericytic meningioma of the pineal region. Case report. Lesoin F, et al. **Eur Neurol** 1984;23(4):274-7

Papillary and glandular meningiomas: report of two cases. Kasantikul V, et al. **J Med Assoc Thai** 1985 May; 68(5):276-81

Multiple meningiomas with cranial nerve involvement. Kasantikul V, et al. **J Med Assoc Thai** 1984 Nov; 67(11):634-9

'True' cystic meningioma [letter] Ruelle A, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):716-8

Modulation of meningioma cell growth by sex steroid hormones in vitro. Jay JR, et al. **J Neurosurg** 1985 May; 62(5):757-62

Intracranial and spinal multiple meningioma appearing after an interval of 22 years. Harish Z, et al. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):25-7

Vimentin intermediate filaments in cultures of human meningiomas. Lolait SJ, et al.

Neuropathol Appl Neurobiol 1984 Sep–Oct;10(5):321–31

Scalp meningioma: case report. Altinörs N, et al. **Neurosurgery** 1985 Mar;16(3):379–80

An unusual spinal meningioma in a child: case report. Liu HC, et al. **Neurosurgery** 1985 Aug;17(2):313–6

Primary meningioma of the optic nerve sheaths: case report. Probst C, et al. **Ophthalmologica** 1985;190(2):83–90

The growth rate of intracranial meningiomas and its relation to histology. An analysis of 43 patients. Jääskeläinen J, et al. **Surg Neurol** 1985 Aug;24(2):165–72

Mixed teratoma and meningioma in the temporoparietal region. Lanuza M, et al. **Surg Neurol** 1985 Apr;23(4):399–402

Cervical meningioma: report of a case and review of the literature. Hendrix RA, et al. **Trans Pa Acad Ophthalmol Otolaryngol** 1985 Winter;37(2):235–9

Metastases of malignant neoplasms to intracranial tumours: the 'tumour-in-a-tumour' phenomenon. Schmitt HP. **Virchows Arch** [A] 1984;405(1):155–60

[Intranasal extradural meningiomas. Case report and review of the literature] Wolters B, et al. **Laryngol Rhinol Otol (Stuttg)** 1985 Apr;64(4):198–201 (Eng. Abstr.) **(Ger)**

[Importance of meningioma. Clinico-epidemiologic and histologic studies] Guski M, et al. **Zentralbl Neurochir** 1984;45(3):219–32 (Eng. Abstr.) **(Ger)**

[Multiple neoplastic combinations in the aged. Case contribution] Pupillo M, et al. **Minerva Med** 1985 Apr 28;76(17–18):859–64 (Eng. Abstr.) **(Ita)**

[Meningioma with vacuolated component. A contribution to the pathogenesis of the cyst formation in meningioma--report of two cases] Orita T, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):479–83 (Eng. Abstr.) **(Jpn)**

[Osteoid oteoma associated with intraosseous meningioma. A case report] Konishi Y, et al. **No Shinkei Geka** 1984 Nov;12(12):1403–8 (Eng. Abstr.) **(Jpn)**

[Clinico-pathological study of meningiomas in childhood--with special reference to malignant meningiomas] Toyama T, et al. **No Shinkei Geka** 1985 Apr;13(4):383–9 (Eng. Abstr.) **(Jpn)**

[An autopsy case of intracranial multiple meningiomas associated with extracranial multiple neurinomas] Watanabe M, et al. **No Shinkei Geka** 1984 Jul;12(8):995–9 (Eng. Abstr.) **(Jpn)**

[Sphenoidal meningioma invading the orbit] Segal N. **Rev Chir [Oftalmol]** 1984 Oct–Dec;28(4):301–5 **(Rum)**

PHYSIOPATHOLOGY

Nonepithelial tumors of the nasal cavity, paranasal sinuses, and nasopharynx. A clinicopathologic study. XIII: Meningiomas. Perzin KH, et al. **Cancer** 1984 Nov 1;54(9):1860–9

Study of the motility and contractility of cultured brain-tumor cells. Koga H. **J Neurosurg** 1985 Jun;62(6):906–11

Optic nerve sheath meningiomas. Clinical manifestations. Sibony PA, et al. **Ophthalmology** 1984 Nov;91(11):1313–26

[Regressive oculomotor disorders in meningioma of the cavernous sinus] Pasquier F, et al. **Rev Otoneuroophtalmol** 1984 Jul–Dec;56(4–5):435–40 (Eng. Abstr.) **(Fre)**

[Methodologic problems in studies of pressure in the venous sinuses of the brain] Razumovskii AE, et al. **Zh Vopr Neirokhir** 1985 Jul–Aug;(3):31–6 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Extracranial meningiomas of the head and neck. Geoffray A, et al. **AJNR** 1984 Sep–Oct;5(5):599–604

CT evaluation of perineural orbital lesions: evaluation of the 'tram-track' sign. Johns TT, et al. **AJNR** 1984 Sep–Oct;5(5):587–90

Lumbosacral meningioma. Wood JB, et al. **AJNR** 1985 May–Jun;6(3):450–1

Meningioma which simulates hypophyseal tumor. Valadez F, et al. **Arch Invest Med (Mex)** 1984 Oct–Dec;15(4):397–403 **(Eng, Spa)**

Multiple meningiomas diagnosed by computed tomography. Federico F, et al. **Ital J Neurol Sci** 1984 Sep;5(3):295–8

Optic nerve meningioma with enophthalmos. Imes RK, et al. **J Clin Neuro Ophthalmol** 1984 Sep;4(3):213–5

Low dose arterial contrast enhancement for cranial computed tomography in renal insufficiency. Kier R, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):800–2

Subdural hematoma in patients with brain tumor: CT evaluation. Wang AM, et al. **J Comput Assist Tomogr** 1985 May–Jun;9(3):511–3

Meningioma with intratumoral fat. Sacher M, et al. **J Comput Tomogr** 1985 Jan;9(1):83–5

Fibrosis surrounding a silicone implant simulating recurrent orbital meningioma. Case report. Abla AA, et al. **J Neurosurg** 1985 Sep;63(3):467–9

Giant meningioma of unusual origin. Marks PV, et al. **J R Soc Med** 1984 Oct;77(10):891–3

Cystic meningiomas: report of two cases. Aydin Y, et al. **Neurosurgery** 1985 Jan;16(1):87–9

Giant meningioma in a fourteen-month-old infant. Alp H, et al. **Surg Neurol** 1985 Jul;24(1):77–9

Meningioma of the lesser sphenoid wing presenting like Parkinson's disease [letter] Lesoin F, et al. **Surg Neurol** 1985 Apr;23(4):452–3

Deep Sylvian meningiomas. Okamoto S, et al. **Surg Neurol** 1985 Mar;23(3):303–8

[X-ray diagnosis of malignant meningioma and meningeal sarcoma (an analysis of 23 cases)] Wang X. **Chung Hua Fang She Hsueh Tsa Chih** 1984 Aug;18(3):192–4 (Eng. Abstr.) **(Chi)**

[Extracranial and extracranially invasive meningiomas] Li SX, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Feb;23(2):101–3, 128 (Eng. Abstr.) **(Chi)**

[A case of cystic meningioma] Tomura N, et al. **Rinsho Hoshasen** 1984 Jul;29(7):801–4 (Eng. Abstr.) **(Jpn)**

[A comparison of findings on computerized brain tomography with pathohistologic findings in meningioma] Kalousek M, et al. **Lijec Vjesn** 1985 Jul;107(7):300–4 (Eng. Abstr.) **(Ser)**

RADIONUCLIDE IMAGING

Positron emission tomography with ([11C]methyl)-L-methionine, [11C]D-glucose, and [68Ga]EDTA in supratentorial tumors. Ericson K, et al. **J Comput Assist Tomogr** 1985 Jul–Aug;9(4):683–9

Posterior oblique radioisotope sinogram for detection of sagittal sinus obstruction. Schachner E, et al. **Nucl Med Commun** 1984 Jun;5(6):393–5

RADIOTHERAPY

The role of radiation therapy in the management of intracranial meningiomas. Solan MJ, et al. **Int J Radiat Oncol Biol Phys** 1985 Apr;11(4):675–7

Radiation therapy in the treatment of meningioma: the Joint Center for Radiation Therapy experience 1970 to 1982. Forbes AR, et al. **J Clin Oncol** 1984 Oct;2(10):1139–43

Radiation therapy for incompletely resected meningiomas. Petty AM, et al. **J Neurosurg** 1985 Apr;62(4):502–7

[Radiosensitive meningioma. Case report] Shimoyama I, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):131–5 (Eng. Abstr.) **(Jpn)**

SECONDARY

Intraocular extension of optic nerve meningioma in a case of neurofibromatosis. Cibis GW, et al. **Arch Ophthalmol** 1985 Mar;103(3):404–6

Benign metastasizing meningioma. Case report. Miller DC, et al. **J Neurosurg** 1985 May;62(5):763–6

Meningioma of the parapharyngeal space: a unique extension of intracranial tumor. Haratake J, et al. **Laryngoscope** 1984 Oct;94(10):1372–5

Metastatic meningioma to cervical vertebra: case report. Wu JK, et al. **Neurosurgery** 1985 Jul;17(1):75–9

[Lung metastasis of intraosseous meningioma prior to craniotomy. Case report] Onoda K, et al. **Neurol Med Chir (Tokyo)** 1985 Apr;25(4):306–10 (Eng. Abstr.) **(Jpn)**

SECRETION

[Secondary polycythemia with hypererythropoietinemia. Supratentorial meningioma] Saint-Jean O, et al. **Rev Neurol (Paris)** 1985;141(2):143–5 (Eng. Abstr.) **(Fre)**

SURGERY

Operability of intracranial meningiomas. Personal series of 353 cases. Pertuiset B, et al. **Acta Neurochir (Wien)** 1985;76(1–2):2–11

Left and right cerebral hemisphere differences in the occurrence of epilepsy. Scott DF. **Br J Med Psychol** 1985 Jun;58 (Pt 2):189–92

Preoperative Gelfoam embolization of supratentorial meningiomas. Rutka J, et al. **Can J Surg** 1985 Sep;28(5):441–3

Meningioma in the interpeduncular cistern in a child. Tamaki N, et al. **Childs Nerv Syst** 1985;1(2):123–5

Personal experience with the surgery of spinal meningiomas. Boccardo M, et al. **Ital J Neurol Sci** 1985 Mar;6(1):29–35

Transuncodiscal approach to dumbbell tumors of the cervical spinal canal. Hakuba A, et al. **J Neurosurg** 1984 Dec;61(6):1100–6

Cranioplasty with inner table of bone flap. Technical note. Kyoshima K, et al. **J Neurosurg** 1985 Apr;62(4):607–9

Meningioma: analysis of recurrence and progression following neurosurgical resection. Mirimanoff RO, et al. **J Neurosurg** 1985 Jan;62(1):18–24

Occlusion of the great vein of Galen associated with a huge meningioma in the pineal region. Case report. Sakaki S, et al. **J Neurosurg** 1984 Dec;61(6):1136–40

The use of the Nd-YAG laser in neurosurgery. Beck OJ, et al. **Lasers Surg Med** 1985;5(4):345–56

The application of flash visual evoked potentials during operations on the anterior visual pathways. Costa e Silva I, et al. **Neurol Res** 1985 Mar;7(1):11–6

Use of the Nd-YAG laser in neurosurgery. Beck OJ. **Neurosurg Rev** 1984;7(2–3):151–7

Nd-YAG laser as a surgical tool. Handa H, et al. **Neurosurg Rev** 1984;7(2–3):159–62, 164

Spinal vascular tumors: dilemmas in diagnosis and management. Cawthon DF, et al. **Neurosurgery** 1985 May;16(5):625–9

Surgical approaches to intraventricular meningiomas of the trigone. Jun CL, et al. **Neurosurgery** 1985 Mar;16(3):416–20

Microsurgical removal of suprasellar meningiomas. Al-Mefty O, et al. **Neurosurgery** 1985 Mar;16(3):364–72

Usefulness of the orbitofrontomalar approach associated with bone reconstruction for frontotemporosphenoid meningiomas. Pellerin P, et al. **Neurosurgery** 1984 Nov;15(5):715–8

Posttraumatic meningioma. Schiffer J, et al. **Neurosurgery** 1985 Jul;17(1):84–7

Total removal of a falcotentorial junction meningioma by biparietooccipital craniotomy in the sea lion position: a case report. Suzuki M, et al. **Neurosurgery** 1984 Nov;15(5):710–4

Dementia due to meningioma: outcome after surgical removal. Chee CP, et al. **Surg Neurol** 1985 Apr;23(4):414–6

Late outcome of operations for supratentorial convexity meningiomas. Report on 207 cases. Giombini S, et al. **Surg Neurol** 1984 Dec;22(6):588–94

Ectopic subgaleal meningioma and familial neurofibromatosis. Guarnaschelli JJ, et al. **Surg Neurol** 1985 Apr;23(4):371–4

Meningiomas of the lateral ventricles. Clinical, neuroradiologic, and surgical considerations in 19 cases. Guidetti B, et al. **Surg Neurol** 1985 Oct;24(4):364–70

[Meningioma of the posterior cranial fossa] Li L. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug;17(4):196–200 (Eng. Abstr.) **(Chi)**

[Hemorrhage and hemostasis during surgery of intracranial meningioma] Zhai YC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Aug;17(4):193–5 (Eng. Abstr.) **(Chi)**

[Meningiomas of the cerebellopontine angle] Zhang WC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun;17(3):149–52 (Eng. Abstr.) **(Chi)**

[Orbital meningiomas] Beziat JL, et al. **Ann Chir Plast Esthet** 1984;29(3):241–6 (Eng. Abstr.) **(Fre)**

[Giant intra-extracranial meningioma of the calvaria] Djindjian M, et al. **Neurochirurgie** 1984;30(5):341–5 (Eng. Abstr.) **(Fre)**

[Invasion of the craniofacial mass in meningioma. Problems of excision and reconstruction] Pellerin P, et al. **Rev Otoneuroophtalmol** 1984 Jul–Dec;56(4–5):389–99 (Eng. Abstr.) **(Fre)**

[Possibilities and limits of microsurgery of tumors of the sellar region. Meningiomas, craniopharyngiomas] Probst C. **Schweiz Rundsch Med Prax** 1984 Aug 7;73(32):982–6 (Eng. Abstr.) **(Ger)**

[Meningioma of the posterior cranial fossa] Goldhahn WE. **Zentralbl Neurochir** 1984;45(3):196–209 (Eng. Abstr.) **(Ger)**

[Treatment of large tumors of the cerebellopontile angle using a combined transtentorial and translabyrinthine approach to the middle cranial fossa] Paini G, et al. **Acta Biomed Ateneo Parmense** 1984;55(3–4):173–80 (Eng. Abstr.) **(Ita)**

[Possibilities and limits of microsurgery in patients with meningioma of the sellar region] Probst C. **Clin Ter** 1985 May 31;113(4):253–9 (Eng. Abstr.) **(Ita)**

[Transoral anterior approach to foramen magnum meningioma--a case report and review] Chono Y, et al. **No Shinkei Geka** 1985 Jan;13(1):109–14 (Eng. Abstr.) **(Jpn)**

[Surgery of trigonal tumor] Handa H, et al. **No Shinkei Geka** 1984 Jul;12(8):901–12 **(Jpn)**

[Features of the mediator reaction in patients with tumors of the sella-diencephalic region in the early postoperative period] Usvatova IIa, et al. **Anesteziol Reanimatol** 1984 Sep–Oct;(5):49–53 (Eng. Abstr.) **(Rus)**

[Hemostatic reactions during operations on brain tumors] Kondrat'ev AN. **Vestn Khir** 1985 May;134(5):73–5 **(Rus)**

[Disorders of motor functions after removal of parasagittal meningiomas] Gagibov GA, et al. **Zh Vopr Neirokhir** 1985 Mar–Apr;(2):24–30 (Eng. Abstr.) **(Rus)**

[Reaction of the sympathetic-adrenal system of patients with tumors of the sellar-diencephalic region in the postoperative period] Il'icheva RF, et al. **Zh Vopr Neirokhir** 1985 Mar–Apr;(2):35–40 (Eng. Abstr.) **(Rus)**

[The locked-in syndrome in the postoperative period of infratentorial surgery] Gilsanz FJ, et al. **Rev Esp Anestesiol Reanim** 1984 Sep–Oct;31(5):205–7 (Eng. Abstr.) **(Spa)**

THERAPY

[Preoperative embolization of intracranial meningiomas] Del Favero C, et al. **Radiol Med (Torino)** 1984 Mar;70(3):113–7 (Eng. Abstr.) **(Ita)**

[Transcatheter embolization with Ivalon particles in cases of intracranial meningiomas] Koike T, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):103–9 (Eng. Abstr.) **(Jpn)**

[Preoperative embolization of intracranial meningiomas] Yoshida K, et al. **Neurol Med Chir (Tokyo)** 1985 Jun;25(6):471–8 (Eng. Abstr.) **(Jpn)**

ULTRASTRUCTURE

Vimentin filament-desmosome cytoskeleton of diverse types of human meningiomas. A distinctive diagnostic feature. Schwechheimer K, et al. **Lab Invest** 1984 Nov;51(5):584–91

[Karyometric studies of meningiomas] Martin H, et al. **Zentralbl Neurochir** 1984;45(4):289–98 (Eng. Abstr.) **(Ger)**

VETERINARY

Contrast enhancement of spontaneous animal CNS tumors with gadolinium DTPA: a correlation of MRI with x-ray CT. Goldstein EJ, et al. **Physiol Chem Phys Med NMR** 1985;17(1):113-22

An atypical spinal meningioma in a dog. Raskin RE. **Vet Pathol** 1984 Sep;21(5):538-40

MENINGISM

ENZYMOLOGY

Creatine kinase in the serum of patients with acute infections of the central nervous system. Peterslund NA, et al. **J Infect** 1985 Mar;10(2):115-20

MENINGITIS

Bacterial meningitis in the elderly [letter] Harris AA. **Arch Intern Med** 1985 May;145(5):956-7

Initial evaluation for and management of bacteremia and bacterial meningitis in infants. Fulginiti VA. **Emerg Med Clin North Am** 1983 Apr;1(1):101-11 (33 ref.)

Salmonella meningitis. Gogate A, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):549-51

Meningitis in Singapore infants and children. Low PS, et al. **J Singapore Paediatr Soc** 1984;26(3-4):150-4

Symposium on infections of the central nervous system. **Med Clin North Am** 1985 Mar;69(2):217-435

Candida meningitis: a growing threat to premature and fullterm infants. Buchs S. **Pediatr Infect Dis** 1985 Mar-Apr; 4(2):122-3

[Round table on suppurative meningitis in children] **Pediatrie** 1984 Sep;39(6):479-505 **(Fre)**

BLOOD

Acute-phase proteins in neonatal infection. Philip AG. **J Pediatr** 1984 Dec;105(6):940-2

[Significance of the measurement of blood uric acid in the diagnosis of inappropriate antidiuretic hormone secretion syndrome] Flemale A, et al. **Rev Med Liege** 1985 Apr 1; 40(7):234-7 **(Fre)**

CEREBROSPINAL FLUID

Cytologic detection of Cryptococcus neoformans in cerebrospinal fluid. Rapid screening methods. Brown RW, et al. **Acta Cytol (Baltimore)** 1985 Mar-Apr;29(2):151-3

CSF lactate in bacterial meningitis with minimal CSF abnormalities. Ruuskanen O, et al. **Acta Paediatr Scand** 1985 Mar;74(2):292-3

The use of the cytocentrifuge in the diagnosis of meningitis. Mengel M. **Am J Clin Pathol** 1985 Aug;84(2):212-6

Cerebrospinal fluid lymphocytosis in acute bacterial meningitis. Powers WJ. **Am J Med** 1985 Aug;79(2):216-20

Eosinophilic meningitis and the hypereosinophilic syndrome. Case report and review of the literature. Weingarten JS, et al. **Am J Med** 1985 Apr;78(4):674-6

Eosinophilic cerebrospinal fluid pleocytosis and cryptococcal meningitis [letter] Anderson P, et al. **Ann Intern Med** 1985 Aug;103(2):306-7

Cefotaxime diffusion into cerebrospinal fluid of children with meningitis. Asmar BI, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):138-40

Penetration of aztreonam into cerebrospinal fluid of patients with and without inflamed meninges. Duma RJ, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):730-3

Penetration of pefloxacin into cerebrospinal fluid of patients with meningitis. Wolff M, et al. **Antimicrob Agents Chemother** 1984 Sep;26(3):289-91

Cerebrospinal fluid Histoplasma antibodies in central nervous system histoplasmosis. Wheat J, et al. **Arch Intern Med** 1985 Jul;145(7):1237-40

Diffusion of metioprim, tetroxoprim and sulphadiazine in the cerebrospinal fluid of dogs with healthy meninges and dogs with experimental meningitis. Vergin H, et al. **Chemotherapy** 1984;30(5):297-304

Significance of C-reactive protein in spinal fluid [letter] Trienekens PH, et al. **Clin Chem** 1985 Feb;31(2):345

Bacterial antigen detection in cerebrospinal fluid of patients with meningitis. Hoban DJ, et al. **Diagn Microbiol Infect Dis** 1985 Sep;3(5):373-9

Repeated isolation of spirochetes from the cerebrospinal fluid of a patient with meningoradiculitis Bannwarth [letter] Preac Mursic V, et al. **Eur J Clin Microbiol** 1984 Dec; 3(6):564-5

Cerebrospinal fluid & serum sialic acid levels in pyogenic meningitis. Kumar A, et al. **Indian J Med Res** 1984 May; 79:647-51

Blood brain barrier in meningitis. Misra PK, et al. **Indian Pediatr** 1984 Aug;21(8):629-33

Cerebrospinal fluid penetration after combined administration of cefotaxime and ampicillin to rabbits with staphylococcal meningitis. Kobayashi Y, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:125-34

Diffusion of enoxacin into the cerebrospinal fluid in dogs with healthy meninges and with experimental meningitis. Tran Van Tho, et al. **J Antimicrob Chemother** 1984 Sep; 14 Suppl C:57-62

Prognostic evaluation of CSF lactic acid in cases of meningitis. Alam SM, et al. **J Indian Med Assoc** 1984 Aug; 82(8):269-71

Pyogenic meningitis--gas liquid chromatographic study. Gogate A, et al. **J Postgrad Med** 1984 Apr;30(2):91-5

Plasma cell generation inhibition in lymphocyte cultures containing cerebrospinal fluid from children with central nervous system viral infections. Bertotto A, et al. **Microbiologica** 1985 Jan;8(1):11-6

Chemotactic activity of cerebrospinal fluid in experimental cryptococcal meningitis. Perfect JR, et al. **Sabouraudia** 1985 Feb;23(1):37-45

[Cefmenoxime diffusion into cerebrospinal fluid during human purulent meningitis] Stahl JP, et al. **Pathol Biol (Paris)** 1985 May;33(5):365-7 (Eng. Abstr.) **(Fre)**

[Bacterial meningitis with initially clear CSF] Teyssier G, et al. **Pediatrie** 1984 Dec;39(8):635-8 (Eng. Abstr.) **(Fre)**

[Diffusion of fosfomycin into the cerebrospinal fluid in purulent meningitis] Stahl JP, et al. **Presse Med** 1984 Dec 8;13(44):2693-5 (Eng. Abstr.) **(Fre)**

[Metronidazole concentration of the cerebrospinal fluid from slightly inflamed meninges] Hoffmann HG, et al. **Arzneimittelforsch** 1984;34(7):830-1 (Eng. Abstr.) **(Ger)**

[Prolonged nonbacterial meningitis: clinical aspects and cerebrospinal fluid findings] Siemes H, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):347-54 (Eng. Abstr.) **(Ger)**

[Neuron-specific enolase and S-100 protein levels in the cerebrospinal fluid of patients with encephalitis and meningitis] Mokuno K, et al. **Rinsho Shinkeigaku** 1984 Nov; 24(11):1143-8 (Eng. Abstr.) **(Jpn)**

[Relation between the granulocyte count and protein and glucose levels in the cerebrospinal fluid in children with acute bacterial meningitis] Yurdakök M, et al. **Mikrobiyol Bul** 1984 Oct;18(4):199-202 (Eng. Abstr.) **(Tur)**

CHEMICALLY INDUCED

Ibuprofen may induce meningitis in (NZB X NZW)F1 mice. Berliner S, et al. **Arthritis Rheum** 1985 Jan;28(1):104-7

Ibuprofen-induced meningitis in mixed connective tissue disease. Hoffman M, et al. **Clin Rheumatol** 1982 Jun; 1(2):128-30

Trimethoprim-induced aseptic meningitis. Derbes SJ. **JAMA** 1984 Nov 23-30;252(20):2865-6

Eosinophilic meningitis [letter] von Reyn CF. **Neurology (NY)** 1984 Oct;34(10):1396-7

Aseptic meningitis secondary to metrizamide lumbar myelography in a 4 1/2-month-old infant. DiMario FJ Jr. **Pediatrics** 1985 Aug;76(2):259-62

[Meningitis following myelography] Kallio M, et al. **Duodecim** 1984;100(18):1183-7 (Eng. Abstr.) **(Fin)**

[Acute meningitis after metrizamide myelography. Unnecessary use of disinfectants (letter)] Lingaas E. **Tidsskr Nor Laegeforen** 1985 Apr 30;105(12):834 **(Nor)**

[Acute meningitis following metrizamide myelography] Sand T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):363-6 (Eng. Abstr.) **(Nor)**

[Meningitis caused by metronidazole] Sundström O, et al. **Lakartidningen** 1984 Sep 26;81(39):3480 **(Swe)**

COMPLICATIONS

Labyrinthine ossification secondary to childhood bacterial meningitis: implications for cochlear implant surgery. Becker TS, et al. **AJNR** 1984 Nov-Dec;5(6):739-41

Neonatal Citrobacter meningitis: pathogenesis of cerebral abscess formation. Foreman SD, et al. **Ann Neurol** 1984 Dec;16(6):655-9

Facial palsy in lymphocytic meningoradiculitis (Bannwarth's syndrome). Bomholt A. **Arch Otolaryngol** 1984 Nov; 110(11):763-4

Preventable convulsions in children with meningitis. Burry VF, et al. **GP** 1968 Jan;37(1):107-11

Aqueductal stenosis following mumps virus infection. Case report. Rotilio A, et al. **Ital J Neurol Sci** 1985 Jun; 6(2):237-9

Anterior internuclear ophthalmoplegia. Dhanaraj M, et al. **J Assoc Physicians India** 1984 Dec;32(12):1070-2

Lymphomatous meningitis and steroid-induced epidural lipomatosis: CT evaluation. Pennisi AK, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):595-8

HLA-DR in meningopolyneuritis of Garin-Bujadoux-Bannwarth: contrast to Lyme disease? Kristoferitsch W, et al. **J Neurol** 1984;231(5):271-2

Sequelae of early-onset group B hemolytic streptococcal neonatal meningitis. Chin KC, et al. **J Pediatr** 1985 May; 106(5):819-22

Otologic features of bacterial meningitis of childhood. Eavey RD, et al. **J Pediatr** 1985 Mar;106(3):402-7

Long-term sequelae of group B streptococcal meningitis in infants. Edwards MS, et al. **J Pediatr** 1985 May; 106(5):717-22

Clinical pathological conference. Faculty of Medicine, Memorial University, St. John's, Newfoundland. **J Rheumatol** 1984 Dec;11(6):855-61

Nutritional status of children with pyogenic meningitis. Mulla MI, et al. **J Trop Pediatr** 1984 Dec;30(6):303-6

Meningitis and sensorineural hearing loss. Baldwin RL, et al. **Laryngoscope** 1985 Jul;95(7 Pt 1):802-5

Ventriculomegaly in childhood bacterial meningitis. Snyder RD. **Neuropediatrics** 1984 Aug;15(3):136-8

Three phases of cerebral arteriopathy in meningitis: vasospasm and vasodilatation followed by organic stenosis. Yamashima T, et al. **Neurosurgery** 1985 Apr;16(4):546-53

Electrical stimulation of the auditory system in children deafened by meningitis. Eisenberg LS, et al. **Otolaryngol Head Neck Surg** 1984 Dec;92(6):700-5

Citrobacter diversus meningitis and brain abscess associated with bacteroides melaninogenicus. Arthur JD, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):592-3

Management problems in bacterial meningitis. Nelson JD. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S41-4

Persistent fever and subdural effusions [letter] Prober CG, et al. **Pediatr Infect Dis** 1985 Mar-Apr;4(2):211-2

[Fatal eosinophilic meningitis and bronchogenic carcinoma] Dellagi K, et al. **Ann Pathol** 1984 Dec;4(5):391-2 (Eng. Abstr.) **(Fre)**

[Anaerobic bacterial meningitis with multiple brain abscesses] Trautmann M, et al. **Immun Infekt** 1984 Aug;12(4):309-13 (Eng. Abstr.) **(Ger)**

[Oculomotor paralysis in bacterial meningitis. Incidence and prognostic value] Alvarez Sabin J, et al. **Rev Clin Esp** 1984 May 31;173(4):227-30 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Cerebrospinal fluid C-reactive protein in the laboratory diagnosis of bacterial meningitis. Macfarlane DE, et al. **Acta Paediatr Scand** 1985 Jul;74(4):560-3

Value of CSF lactate in the differential diagnosis between bacterial meningitis and other diseases with meningeal involvement. Lester A, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):21-5

Meningeal cryptococcosis misdiagnosed as a manic episode. Thienhaus OJ, et al. **Am J Psychiatry** 1984 Nov; 141(11):1459-60

The specificity and sensitivity of CSF and blood glucose concentration in the diagnosis of neonatal meningitis. Omene JA, et al. **Ann Trop Paediatr** 1985 Mar;5(1):37-9

Group B streptococcal meningitis in adults [letter] Gallagher PG, et al. **Arch Neurol** 1985 Jul;42(7):626-7

Cryptococcus neoformans meningitis. Gould IM. **Cent Afr J Med** 1985 Apr;31(4):70-1

CSF alpha 2-macroglobulin and C-reactive protein as aids to rapid diagnosis of acute bacterial meningitis. Virji MA, et al. **Clin Chim Acta** 1985 May 15;148(1):31-7

Primitive neuroectodermal tumor presenting as meningitis. Crouse DT, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):586, 589-90

Infections due to Cryptococcus neoformans. Winslow DL. **Del Med J** 1985 Mar;57(3):173-5

Convulsions and lumbar puncture [letter] Clarke MA. **Dev Med Child Neurol** 1985 Aug;27(4):541-2

Coccidioidal meningitis. Miller L, et al. **IMJ** 1985 Mar; 167(3):207-8

CSF/blood sugar ratio in prognosis of septic meningitis. Merchant R, et al. **Indian Pediatr** 1984 Jul;21(7):535-40

Rapid diagnosis of Salmonella. Sarvamangala Devi JN, et al. **Indian Pediatr** 1984 Jun;21(6):463-8

Detection of Neisseria meningitidis group A, Haemophilus influenzae type b, and Streptococcus pneumoniae antigens in cerebrospinal fluid specimens by antigen capture enzyme-linked immunosorbent assays. Sippel JE, et al. **J Clin Microbiol** 1984 Aug;20(2):259-65

Use of the directigen latex agglutination test for detection of Haemophilus influenzae, Streptococcus pneumoniae, and Neisseria meningitidis antigens in cerebrospinal fluid from meningitis patients. Sippel JE, et al. **J Clin Microbiol** 1984 Nov;20(5):884-6

Diagnosis of spirochetal meningitis by enzyme-linked immunosorbent assay and indirect immunofluorescence assay in serum and cerebrospinal fluid. Stiernstedt GT, et al. **J Clin Microbiol** 1985 May;21(5):819-25

Comparative evaluation of three commercial products and counterimmunoelectrophoresis for the detection of antigens in cerebrospinal fluid. Tilton RC, et al. **J Clin Microbiol** 1984 Aug;20(2):231-4

The use of C-reactive protein from cerebrospinal fluid for differentiating meningitis from other central nervous system diseases. Abramson JS, et al. **J Infect Dis** 1985 May; 151(5):854-8

State of the art: bacterial meningitis in adults. Smith LG. **J Med Soc NJ** 1985 May;82(5):389-90

Apurulent bacterial meningitis (compartmental leucopenia in purulent meningitis). Felgenhauer K, et al. **J Neurol** 1985; 232(3):157-61

Chronic meningitis in Fabry's disease [letter] Dubost JJ, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):714-5

Periodic EEG pattern in meningovascular syphilis [letter] Radhakrishnan K, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1360-1

Cerebrospinal fluid glucose level, cerebrospinal fluid/blood glucose ratio in the diagnosis of septic meningitis. Low PS, et al. **J Singapore Paediatr Soc** 1985;27(1-2):43-6

Central nervous system infections. Wong HB. **J Singapore Paediatr Soc** 1985;27(1-2):36-42

Meningitis in children of Riyadh. Babiker MA, et al. **J Trop Med Hyg** 1984 Dec;87(6):245-8

C-reactive protein in case of consecutive bacterial and viral meningitis [letter] de Zegher F, et al. **Lancet** 1984 Dec 22;2(8417-18):1465-6

Assay for beta-glucuronidase in cerebrospinal fluid: usefulness for the detection of neoplastic meningitis. Tallman RD, et al. **Mayo Clin Proc** 1985 May;60(5):293-8

Cryptococcal infection of the central nervous system. Sabetta

JR, et al. **Med Clin North Am** 1985 Mar;69(2):333-44

A preliminary study on the use of counterimmunoelectrophoresis and coagglutination methods in the diagnosis of bacterial meningitis. Cheong YM, et al. **Med J Malaysia** 1984 Mar;39(1):38-41

Persistent neutrophilic meningitis. Report of four cases and review of the literature. Peacock JE Jr, et al. **Medicine (Baltimore)** 1984 Nov;63(6):379-95 (173 ref.)

Real time ultrasound scanning of the head in neonates and infants, including a correlation between ultrasound and computed tomography. Chambers SE, et al. **Pediatr Radiol** 1985;15(1):4-7

Bacterial meningitis in infants: sonographic findings. Han BK, et al. **Radiology** 1985 Mar;154(3):645-50

Hairy cell leukemia: a case of cryptococcosis appearing as hairy cell meningitis. Gualtieri RJ, et al. **South Med J** 1984 Oct;77(10):1341-2

Diagnosis of bacterial meningitis in previously treated children. Shohet I, et al. **South Med J** 1985 Mar; 78(3):299-301

Chronic meningitis with marked unilateral tentorial pachymeningitis. Kobayashi N, et al. **Surg Neurol** 1985 May;23(5):529-35

Latex agglutination cryptococcal antigen test in cryptococcal meningitis. Shi FW, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb;84(2):168-72

Tick-borne meningopolyneuritis (Garin-Bujadoux, Bannwarth). Ackermann R, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):485-90

Bannwarth's syndrome (lymphocytic meningoradiculitis) in Sweden. Ryberg B. **Yale J Biol Med** 1984 Jul-Aug; 57(4):499-503

Chronic meningitis and Lyme disease in Sweden. Stiernstedt GT, et al. **Yale J Biol Med** 1984 Jul-Aug;57(4):491-7

[Echography and subdural effusion] Veyrac C, et al. **Ann Radiol (Paris)** 1984 Sep-Oct;27(6):487-91 (Eng. Abstr.) **(Fre)**

[Significance of the determination of lactic acid in the cerebrospinal fluid for the differential diagnosis of meningitis] el Mdaghri N, et al. **Pathol Biol (Paris)** 1985 Apr;33(4):227-31 (Eng. Abstr.) **(Fre)**

[An unrecognized cause of spinal pain : meningoradiculitis. Apropos of 3 cases with predominant spinal pain] Alcalay M, et al. **Rev Rhum Mal Osteoartic** 1985 Jan;52(1):13-6 (Eng. Abstr.) **(Fre)**

[Meningoradiculitis with initial expression as spinal pain] Kuntz JL, et al. **Rev Rhum Mal Osteoartic** 1985 Feb; 52(2):95-7 **(Fre)**

[Erythema chronicum migrans with Bannwarth syndrome (Garin-Bujadoux-Bannwarth meningopolyneuritis)] Kutzner H, et al. **Hautarzt** 1984 Nov;35(11):585-7 (Eng. Abstr.) **(Ger)**

[Improved diagnosis of subdural effusions in infants--importance of sonography and the noninvasive measurement of intracranial pressure] Bohlayer R, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):342-6 (Eng. Abstr.) **(Ger)**

[CNS tumors with the clinical picture of meningitis] Terheggen HG. **Monatsschr Kinderheilkd** 1985 Jan; 133(1):13-9 (49 ref.) (Eng. Abstr.) **(Ger)**

[Inflammatory brain diseases in clinical practice] Lungwitz J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun; 36(6):321-30 (Eng. Abstr.) **(Ger)**

[Pituitary apoplexy presenting as meningo-encephalitis] Huberman M, et al. **Harefuah** 1984 Nov 1;107(9):228-9 (Eng. Abstr.) **(Heb)**

[A clinical study of aseptic meningitis due to echovirus type 30] Sato Y, et al. **Rinsho Shinkeigaku** 1984 May;24(5):492-7 (Eng. Abstr.) **(Jpn)**

[A case of the acinous form of meningeal cysticercosis] Kozik MB, et al. **Neurol Neurochir Pol** 1984 Mar-Apr;18(2):171-3 (Eng. Abstr.) **(Pol)**

[Use of the ethanol test in the differential diagnosis of cerebrospinal meningitis in children] Kiss B, et al. **Pediatr Pol** 1984 Jul;59(7):563-8 (Eng. Abstr.) **(Pol)**

[Case of candidiasis of the central nervous system in an adult patient] Kucharska-Demczuk K, et al. **Pol Tyg Lek** 1984 Sep 17;39(38):1273-5 (Eng. Abstr.) **(Pol)**

[Clinical picture and differential diagnosis of serous meningitis and viral meningoencephalitis] Gavura VV. **Klin Med (Mosk)** 1984 Jul;62(7):22-8 (73 ref.) (Eng. Abstr.) **(Rus)**

[Significance of fundus oculi changes in the diagnosis of optochiasmic leptomeningitis] Shershevskaia SF, et al. **Oftalmol Zh** 1985;(2):97-9 (Eng. Abstr.) **(Rus)**

[Etiological diagnosis of suppurative bacterial meningitis today] Demina AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Mar;(3):3-6 (Eng. Abstr.) **(Rus)**

[Real-time cerebral echography in meningitis in the newborn infant and infants] Nogues A, et al. **An Esp Pediatr** 1985 Jan;22(1):19-26 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Emerging role of cephalosporins in bacterial meningitis. Nelson JD. **Am J Med** 1985 Aug 9;79(2A):47-51

Role of cephalosporins in the treatment of bacterial meningitis in adults. Overview with special emphasis on ceftazidime. Norrby SR. **Am J Med** 1985 Aug 9; 79(2A):56-61

Ceftazidime in the treatment of meningitis in infants and children over one month of age. Rodriguez WJ, et al. **Am J Med** 1985 Aug 9;79(2A):52-5

Rationale for clinical trials evaluating ceftriaxone in the therapy of bacterial meningitis. Scheld WM, et al. **Am J Med** 1984 Oct 19;77(4C):42-9

Ceftriaxone therapy of meningitis and serious infections. Steele RW. **Am J Med** 1984 Oct 19;77(4C):50-3

Efficacy of BMY-28142 in experimental bacteremia and meningitis caused by Escherichia coli and group B streptococci. Kim KS, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):51-4

Aztreonam therapy in experimental meningitis due to Haemophilus influenzae type b and Escherichia coli K1. McCracken GH Jr, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):655-6

Treatment of central nervous system fungal infection with ketoconazole. Goodpasture HC, et al. **Arch Intern Med** 1985 May;145(5):879-80

Failure of colchicine in the treatment of Mollaret's meningitis. Stamm AM, et al. **Arch Intern Med** 1984 Nov; 144(11):2265-6

Vancomycin treatment for enterococcal meningitis. Barriere SL, et al. **Arch Neurol** 1985 Jul;42(7):686-8

Ampicillin-resistant Listeria monocytogenes meningitis in a previously healthy 14-year-old athlete. Rapp MF, et al. **Arch Neurol** 1984 Dec;41(12):1304

Antagonism of ceftazidime by chloramphenicol in vitro and in vivo during treatment of gram negative meningitis. French GL, et al. **Br Med J [Clin Res]** 1985 Sep 7; 291(6496):636-7

Common bacterial pathogens and resistance to antibiotics [letter] Kelly MJ. **Br Med J [Clin Res]** 1984 Nov 24; 289(6456):1456

Ampicillin-cefotaxime for initial treatment of bacterial meningitis in children [letter] Joncas JH, et al. **Can Med Assoc J** 1985 May 1;132(9):1006

Efficacy of imipenem in experimental group B streptococcal bacteremia and meningitis. Kim KS. **Chemotherapy** 1985; 31(4):304-9

Mollaret's meningitis responding to phenylbutazonum. A case report. Limburg M, et al. **Clin Neurol Neurosurg** 1985; 87(2):127-30

Rationale for optimal dosing of beta-lactam antibiotics in therapy for bacterial meningitis. Scheld WM. **Eur J Clin Microbiol** 1984 Dec;3(6):579-91 (118 ref.)

Neonatal gram negative pyogenic meningitis: therapeutic evaluation. Reddy MD, et al. **Indian J Pediatr** 1985 Jan-Feb;52(414):53-6

Bacterial meningitis in infants and children. Marks MI. **Infection** 1984;12 Suppl 1: S52-7 (33 ref.)

Pharmacokinetics and clinical evaluation of cefotaxime in children suffering with purulent meningitis. Bégue P, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:161-5

Penetration of aztreonam into human cerebrospinal fluid in the presence of meningeal inflammation. Greenman RL, et ål. **J Antimicrob Chemother** 1985 May;15(5):637-40

A comparison of ampicillin-cefotaxime and ampicillin-chloramphenicol in childhood bacterial meningitis: an experience in 55 patients. Lapointe JR, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:167-80

Treatment of 160 cases of acute bacterial meningitis with cefotaxime. Lecour H, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:195-202

Evaluation of the in-vivo efficacy of Sch 34343. Loebenberg D, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:207-18

Management of neonatal meningitis, 1984. McCracken GH Jr. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:23-31

Susceptibility of 126 isolates of Escherichia coli from the cerebrospinal fluid of neonates to five antibiotics. Mulder CJ, et al. **J Antimicrob Chemother** 1985 Jan;15(1):115-8

The influence of dosing schedules and cerebrospinal fluid bactericidal activity on the therapy of bacterial meningitis. Scheld WM, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:303-12

Cefotaxime treatment of meningitis in children. Sow A. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:191-4

Cefotaxime therapy of bacterial meningitis in children. Wells TG, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:181-9

A prospective randomized comparison of cefotaxime vs ampicillin and chloramphenicol for bacterial meningitis in children. Jacobs RF, et al. **J Pediatr** 1985 Jul;107(1):129-33

Seven days of ceftriaxone therapy is as effective as ten days' treatment for bacterial meningitis. Lin TY, et al. **JAMA** 1985 Jun 28;253(24):3559-63

Ceftazidime for Pseudomonas meningitis [letter] **Lancet** 1985 Feb 23;1(8426):464

Ceftazidime for Pseudomonas meningitis [letter] Alestig K, et al. **Lancet** 1985 Jan 19;1(8421):161-2

Chloramphenicol alone versus chloramphenicol plus penicillin for bacterial meningitis in children. Shann F, et al. **Lancet** 1985 Sep 28;2(8457):681-4

Ceftazidime for pseudomonas meningitis [letter] Williams KJ. **Lancet** 1985 Mar 16;1(8429):634

Gram-negative bacillary meningitis. LeFrock JL, et al. **Med Clin North Am** 1985 Mar;69(2):243-56

Effectiveness of cefotaxime in gram-negative meningitis. LeFrock JL, et al. **Neurosurgery** 1984 Nov;15(5):679-82

Prospective comparative trial of ceftriaxone vs. conventional therapy for treatment of bacterial meningitis in children. Barson WJ, et al. **Pediatr Infect Dis** 1985 Jul-Aug; 4(4):362-8

Theoretical and practical considerations of antibiotic therapy for bacterial meningitis. Scheld WM. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):74-83 (122 ref.)

Advances in diagnosis and treatment of childhood meningitis. Yogev R. **Pediatr Infect Dis** 1985 May-Jun;4(3):321-5

Combined therapy with amphotericin B and 5-fluorocytosine for Candida meningitis. Smego RA Jr, et al. **Rev Infect Dis** 1984 Nov-Dec;6(6):791-801

R 51211 (itraconazole) therapy of murine cryptococcosis. Graybill JR, et al. **Sabouraudia** 1984;22(6):445-53

Susceptibility to six antibiotics of group B streptococci isolated from cerebrospinal fluid. Mulder C, et al. **Scand J Infect Dis** 1985;17(2):191-3

Treatment of acute bacterial meningitis with special emphasis on beta-lactam antibiotics. Solberg CO, et al. **Scand J Infect Dis [Suppl]** 1984;42:117-21

Failure of chloramphenicol and cefotaxime therapy in Klebsiella meningitis: possible role of antibiotic antagonism. Brown TH, et al. **South Med J** 1985 Jul;78(7):869-71

Response of tularemic meningitis to antimicrobial therapy. Hutton JP, et al. **South Med J** 1985 Feb;78(2):189-90

Successful treatment of gram-negative bacillary meningitis with imipenem/cilastatin. Rodriguez K, et al. **South Med J** 1985 Jun;78(6):731-2

[Factors of meningeal diffusion of amoxicillin and ampicillin at the acute phase of purulent meningitis in children] Coquerel A, et al. **Arch Fr Pediatr** 1985 Feb;42(2):129-32 (Eng. Abstr.) **(Fre)**

[Value of cefotaxime in gram-negative bacterial meningitis. Apropos of 3 developmental forms in neonates and infants] Sarlangue J, et al. **Pediatrie** 1984 Dec;39(8):645-51 (Eng. Abstr.) **(Fre)**

[Cefmenoxime concentrations in cerebral ventricles during systemic treatment of Pseudomonas stutzeri ventriculitis (letter)] Veyssier P, et al. **Presse Med** 1985 Mar 30; 14(13):747 **(Fre)**

[Effect of immunoglobulins on the course of therapy-resistant Klebsiella meningitis] Greulich W, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):352-7 (Eng. Abstr.) **(Ger)**

[Hearing disorders in children with purulent meningitis caused by ampicillin?] Friebel D, et al. **Kinderarztl Prax** 1984 Oct;52(10):465-9 (Eng. Abstr.) **(Ger)**

[Need for the determination of chloramphenicol levels in the treatment of bacterial-purulent meningitis with chloramphenicol succinate in infants and small children] Forster J, et al. **Monatsschr Kinderheilkd** 1985 Apr; 133(4):209-13 (Eng. Abstr.) **(Ger)**

[Current aspects of pseudomonas meningitis] Brückner O, et al. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):12-6 (Eng. Abstr.) **(Ger)**

[Treatment of purulent meningitis with ceftriaxone] Guggenbichler JP, et al. **Wien Med Wochenschr [Suppl]** 1985;87:12-6 **(Ger)**

[Permeability of antibacterial drugs in the cerebrospinal fluid] Meyer FP, et al. **Z Arztl Fortbild (Jena)** 1984;78(17):703-10 **(Ger)**

[Piperacillin combined with gentamicin in the treatment of bacterial meningitis in children] Pecenco GL. **Clin Ter** 1985 Jan 15;112(1):67-71 (Eng. Abstr.) **(Ita)**

[Treatment of meningeal carcinomatosis--neocarzinostatin perfusion therapy in the CSF pathway] Uemura S, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1794-800 (Eng. Abstr.) **(Jpn)**

[A case of cryptococcal meningitis improved in the treatment of high dose ketoconazole] Ogushi F, et al. **Kansenshogaku Zasshi** 1985 Apr;59(4):405-10 (Eng. Abstr.) **(Jpn)**

[Failure of peroral trimethoprim/sulfamethoxazole as infection preventive agent in acute lymphatic leukemia] Melby K, et al. **Tidsskr Nor Laegeforen** 1984 Nov 10; 104(31):2174-5 (Eng. Abstr.) **(Nor)**

[Various indicators of amphotericin B pharmacokinetics in infants with Candida meningitis during the 1st year of life] Rainer MA. **Antibiot Med Biotekhnol** 1985 Feb; 30(2):128-31 (Eng. Abstr.) **(Rus)**

[High-doses BCNU in diseases of the central nervous system caused by myeloma (letter)] Estivill X, et al. **Med Clin (Barc)** 1985 Mar 9;84(9):374 **(Spa)**

ENZYMOLOGY

Creatine kinase in the serum of patients with acute infections of the central nervous system. Peterslund NA, et al. **J Infect** 1985 Mar;10(2):115-20

ETIOLOGY

Acute monosymptomatic aseptic meningitis caused by Toxoplasma gondii. Vukmirovits G, et al. **Acta Paediatr Hung** 1985;26(1):31-4

Meningitis due to Staphylococcus aureus. Gordon JJ, et al. **Am J Med** 1985 Jun;78(6 Pt 1):965-70

Subarachnoid space: middle ear pathways and recurrent meningitis. Barcz DV, et al. **Am J Otol** 1985 Mar; 6(2):157-63

Aseptic meningitis following spinal anesthesia--a complication of the past? Bert AA, et al. **Anesthesiology** 1985 May;62(5):674-7

Fatal Candida meningitis in a previously healthy adult. Sulkava R, et al. **Ann Clin Res** 1984;16(4):201-3

Meningitis [letter] Berk SL, et al. **Arch Intern Med** 1985 Feb;

145(2):372

Escherichia coli bacteremia, meningitis, and hemochromatosis. Christopher GW. **Arch Intern Med** 1985 Oct;145(10):1908

Pyogenic meningitis manifesting during therapy for Aeromonas hydrophila sepsis. Ellison RT 3d, et al. **Arch Intern Med** 1984 Oct;144(10):2078-9

'Spontaneous' Klebsiella pneumoniae septicemia with ocular and meningeal localizations [letter] Muller JP, et al. **Arch Ophthalmol** 1985 Aug;103(8):1109

Salmonella meningitis in infancy. Low LC, et al. **Aust Paediatr J** 1984 Aug;20(3):225-8

Cryptococcal meningitis. Morales CF, et al. **Bol Asoc Med PR** 1985 Feb;77(2):56-61 (73 ref.)

Leukemic meningitis in B-cell chronic lymphocytic leukemia. Steinberg JP, et al. **Cancer Treat Rep** 1985 Jun;69(6):687-8

Neurological complications of Mycoplasma pneumoniae infection. Hely MA, et al. **Clin Exp Neurol** 1984;20:153-60

Anaerobic meningitis in an infant associated with pilonidal cyst abscess. Brook I. **Clin Neurol Neurosurg** 1985;87(2):131-2

Subdural collection of intravenous fat emulsion in a neonate. Complication of central venous catheterization for total parenteral nutrition. Stine MJ, et al. **Clin Pediatr (Phila)** 1985 Jan;24(1):40-1

Some aspects of gonococcal dissemination, especially as related to meningitis. Felman YM, et al. **Cutis** 1984 Aug;34(2):128-30

Aseptic meningitis in a neonate with an oral vesicular lesion. Murray D, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):77-80

Recurrent meningitis in a child. Maroun FB, et al. **Indian J Pediatr** 1984 May-Jun;51(410):355-7

How common is meningitis caused by anaerobic bacteria? [letter] Hawkey PM, et al. **J Clin Microbiol** 1985 Aug;22(2):325

Bacteroides fragilis meningitis. Odugbemi T, et al. **J Clin Microbiol** 1985 Feb;21(2):282-3

Meningitis due to Gemella haemolysans after radiofrequency trigeminal rhizotomy. Mitchell RG, et al. **J Clin Pathol** 1985 May;38(5):558-60

Infection with Cryptococcus neoformans var. gattii leading to a pulmonary cryptococcoma and meningitis. Lehmann PF, et al. **J Infect** 1984 Nov;9(3):301-6

The induction of meningeal inflammation by components of the pneumococcal cell wall. Tuomanen E, et al. **J Infect Dis** 1985 May;151(5):859-68

Opportunistic pasteurella multocida meningitis. Permezel JM, et al. **J Laryngol Otol** 1984 Sep;98(9):939-40

Lymphocytic meningoradiculitis of Bannwarth and erythema migrans disease [letter] Weber K. **J Neurol** 1984;231(5):281-2

Meningitis caused by multiply antibiotic-resistant viridans streptococci. Goldfarb J, et al. **J Pediatr** 1984 Dec;105(6):891-5

Aseptic meningitis, trimethoprim, and Sjogren's syndrome [letter] de la Monte SM, et al. **JAMA** 1985 Apr 19;253(15):2192

Neonatal proteus mirabilis meningitis and cerebral abscess: diagnosis by real-time ultrasound. Gray PH, et al. **JCU** 1984 Sep;12(7):441-3

Neurovirulent Toscana virus (a sandfly fever virus) in Swedish man after visit to Portugal [letter] Ehrnst A, et al. **Lancet** 1985 May 25;1(8439):1212-3

Meningoradiculitis associated with infection by Borrelia burgdorferi [letter] Weill O, et al. **Lancet** 1985 Jun 15;1(8442):1400-1

Mondini's dysplasia with recurrent meningitis. Herther C, et al. **Laryngoscope** 1985 Jun;95(6):655-8

Bacterial meningitis in the neonatal infant. Meade RH 3d. **Med Clin North Am** 1985 Mar;69(2):257-67

Bacterial meningitis. Specific etiologic diagnosis on the basis of distinctive epidemiologic, pathogenetic, and clinical features. Weinstein L. **Med Clin North Am** 1985 Mar;69(2):219-29

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1985. Meningitis, petechiae, and splenomegaly in a five-week-old girl. **N Engl J Med** 1985 Oct 3;313(14):874-83

Group A streptococcal meningitis in an adult. Peterson C, et al. **Nebr Med J** 1985 Jul;70(7):233-5

The triad of neurologic manifestations of Lyme disease: meningitis, cranial neuritis, and radiculoneuritis. Pachner AR, et al. **Neurology** 1985 Jan;35(1):47-53

Staphylococcal meningitis: a complication of psoas abscess. Spotkov J, et al. **Neurology** 1985 Jan;35(1):110-1

Treatment of cerebrospinal fluid and syringosubarachnoid shunt infection with systemic and intrathecal antibiotics. Tomaszek DE, et al. **Neurosurgery** 1985 Aug;17(2):327-8

Post-partum streptococcal meningitis and septicaemia [letter] Quinney RA, et al. **NZ Med J** 1984 Oct 10;97(765):702-3

Neonatal septicemia and meningitis due to Pasteurella multocida. Thompson CM Jr, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):559-61

Intracranial complications of ear disease in a pediatric population with special emphasis on subdural effusion and empyema. Gower DJ, et al. **South Med J** 1985 Apr;78(4):429-34

ELISA testing in cases of clinical angiostrongyliasis in Thailand. Jaroonvesama N, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):110-2

Listerellosis with meningitis in a renal transplant recipient--a case report. Lai MK, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):600-2

[Meningitis following epidural treatment of pain] Mogensen T, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):414 (Eng. Abstr.) **(Dan)**

[Candida infection and meningitis as a complication of a central venous catheter in a premature infant] Wulffsberg H, et al. **Ugeskr Laeger** 1985 Jan 28;147(5):415 (Eng. Abstr.) **(Dan)**

[Fatal superinfection with Strongyloides stercoralis in a patient treated with immunosuppressive agents] Kuipers FC. **Ned Tijdschr Geneeskd** 1984 Dec 29;128(52):2449-51 (Eng. Abstr.) **(Dut)**

[Bacterial meningitis and intrathecal treatment of chronic pain] Ranchere JY, et al. **Ann Fr Anesth Reanim** 1985;4(1):77-8 (Eng. Abstr.) **(Fre)**

[Bacterial meningitis and intrathecal treatment of chronic pain (letter)] Schoeffler P. **Ann Fr Anesth Reanim** 1985;4(4):390 **(Fre)**

[Purulent meningitis after minor nasosinus surgery. Apropos of 10 cases] Veber F, et al. **Ann Otolaryngol Chir Cervicofac** 1985;102(3):163-7 (Eng. Abstr.) **(Fre)**

[Specific meningeal involvement in multiple myeloma] Korinek A, et al. **Presse Med** 1985 Mar 30;14(13):733-6 (Eng. Abstr.) **(Fre)**

[Chronic meningitis: a crossroads to mark. Analysis of 5 cases and review of the literature] Dubost JJ, et al. **Rev Med Interne** 1984 Nov;5(4):329-41 **(Fre)**

[Meningoradiculitis caused by a tick bite] Burton L. **Rev Med Liege** 1984 Nov 1;39(21):770-3 **(Fre)**

[Anatomo-clinical conference at the Salpètrière, 1st February 1984. Behavior disorders, disorientation, anterograde amnesia, lymphocytic meningitis in a 65-year-old man] Warter JM, et al. **Rev Neurol (Paris)** 1985;141(2):155-61 **(Fre)**

[Endogenous foreign body meningitis due to a spinal epidermoid] Stübecke W, et al. **Monatsschr Kinderheilkd** 1985 Jan;133(1):52-3 (Eng. Abstr.) **(Ger)**

[Suppurative meningitis as a partial symptom of sepsis] Münnich D, et al. **Orv Hetil** 1985 Apr 21;126(16):973-6 (Eng. Abstr.) **(Hun)**

[Campylobacter fetus meningitis in an adult male] Hanai N, et al. **Kansenshogaku Zasshi** 1984 May;58(5):441-6 (Eng. Abstr.) **(Jpn)**

[Infectious mononucleosis associated with aseptic meningitis and segmental sensory disturbance] Kakigi R, et al. **Rinsho Shinkeigaku** 1984 Nov;24(11):1117-20 (Eng. Abstr.) **(Jpn)**

[Rare endocranial complications of otomastoiditis in infants: cerebellar abscess and purulent meningitis] Prişcu R, et al. **Rev Chir [Otorinolaringol]** 1985 Apr-Jun;30(2):89-92 (Eng. Abstr.) **(Rum)**

[Intracranial complications in cystoid distention of the frontal sinuses] Blagoveshchenskaia NS. **Vestn Otorinolaringol** 1985 Mar-Apr;(2):43-8 (Eng. Abstr.) **(Rus)**

[Etiology of suppurative bacterial meningitis] Demina AA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):32-6 (Eng. Abstr.) **(Rus)**

[Various mechanisms of the pathogenesis and etiotropic therapy of neurologic forms of epidemic parotitis] Sichko ZhV. **Zh Nevropatol Psikhiatr** 1985;85(2):184-9 (Eng. Abstr.) **(Rus)**

[Acinetobacterial purulent meningitis] Balint O, et al. **Cesk Neurol Neurochir** 1985 Mar;48(2):120-4 (Eng. Abstr.) **(Slo)**

[Neurologic complications of infectious endocarditis] Antón Aranda E, et al. **Rev Clin Esp** 1984 Oct 31;175(2):81-6 (Eng. Abstr.) **(Spa)**

[Enterococcus meningitis. Apropos of a new case (letter)] Salcedo J, et al. **Rev Clin Esp** 1985 Jun;177(1):42-3 **(Spa)**

[A case of Streptococcus suis meningitis--a new occupational disease in Sweden?] Christensen P, et al. **Lakartidningen** 1985 Jan 16;82(3):119 **(Swe)**

[A case of Cryptococcus neoformans meningitis] Baykal M, et al. **Mikrobiyol Bul** 1985 Jul;19(3):158-60 (Eng. Abstr.) **(Tur)**

IMMUNOLOGY

Appearance of antibodies to two viruses in cerebrospinal fluid of patients with aseptic meningitis. Dekonenko EP, et al. **Acta Neurol Scand** 1985 Feb;71(2):146-9

Granulocyte and lymphocyte membrane receptors in aseptic meningitis, infectious mononucleosis and other viral infections. Naess A, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1985 Feb;93(1):37-41

Antineural antibodies in Guillain-Barre syndrome and lymphocytic meningoradiculitis (Bannwarth's syndrome). Ryberg B, et al. **Arch Neurol** 1984 Dec;41(12):1277-81

Leukocyte membrane receptors in meningitis and other bacterial infections. Naess A, et al. **Int Arch Allergy Appl Immunol** 1985;78(1):25-9

Experimental studies on mice challenged intracerebrally with Pseudomonas aeruginosa. Campanile F, et al. **Int J Tissue React** 1984;6(5):421-6

Neutralizing antibody and interferon-alpha in cerebrospinal fluids and sera of acute aseptic meningitis. Ichimura H, et al. **J Med Virol** 1985 Mar;15(3):231-7

Intrathecal synthesis of IgG antibodies to varicella-zoster virus in two cases of acute aseptic meningitis syndrome with no cutaneous lesions. Martínez-Martín P, et al. **J Med Virol** 1985 Jun;16(2):201-9

Diagnostic significance of IgG-synthesizing activated B cells in acute inflammatory diseases of the central nervous system. Schädlich HJ, et al. **Klin Wochenschr** 1985 Jun 3;63(11):505-10

[Chemotaxis defect and recurrent E. coli meningitis] Herpertz B, et al. **Monatsschr Kinderheilkd** 1985 Feb;133(2):82-5 (Eng. Abstr.) **(Ger)**

[A case of Mollaret's meningitis--benign recurrent aseptic meningitis] Kawai K, et al. **Rinsho Shinkeigaku** 1984 Jun;24(6):571-4 (Eng. Abstr.) **(Jpn)**

[HLA-related repeated cases of generalized forms of meningococcal infection and purulent meningitis of different etiology] Petrunin IuP, et al. **Klin Med (Mosk)** 1984 Sep;62(9):101-3 (Eng. Abstr.) **(Rus)**

METABOLISM

Pharmacokinetics and cerebrospinal fluid penetration of ceftazidime in children with meningitis. Blumer JL, et al. **Dev Pharmacol Ther** 1985;8(4):219-31

Cefotaxime in the cerebrospinal fluid and serum in patients with purulent meningitis. Peretti P, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:117-23

Pharmacokinetics in the cerebrospinal fluid after simultaneous administration of latamoxef and ampicillin to rabbits with staphylococcal meningitis. Okura K, et al. **Jpn J Antibiot** 1984 Sep;37(9):1637-46

MICROBIOLOGY

Examination of gram-negative bacilli from meningitis patients who failed or relapsed on moxalactam therapy. Eng RH, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):850-6

Lancefield group B beta-haemolytic streptococcal infections in the newborn at Kenyatta National Hospital (K.N.H.). Onyango FE, et al. **East Afr Med J** 1984 May;61(5):376-81

Childhood meningitis caused by group A streptococci belonging to a new serotype: a case report. Rotimi VO, et al. **East Afr Med J** 1984 Aug;61(8):648-51

Flavobacterium meningitis [letter] Sharma S, et al. **Indian Pediatr** 1984 Jul;21(7):582

Serotypes, hemolysin production, and receptor recognition of Escherichia coli strains associated with neonatal sepsis and meningitis. Korhonen TK, et al. **Infect Immun** 1985 May;48(2):486-91

Neonatal meningitis caused by Escherichia coli in The Netherlands. Mulder CJ, et al. **J Infect Dis** 1984 Dec;150(6):935-40

The spirochetal etiology of lymphocytic meningoradiculitis of Bannwarth (Bannwarth's syndrome). Pfister HW, et al. **J Neurol** 1984;231(3):141-4

Ultrastructure of Cryptococcus neoformans in the cerebrospinal fluid of a patient with cryptococcal meningitis. Hiruma M, et al. **Mycopathologia** 1985 Jan;89(1):5-12

Neisseria subflava bacteremia and meningitis in a child: report of a case and review of the literature. Demmler GJ, et al. **Pediatr Infect Dis** 1985 May-Jun;4(3):286-8

Severe Vibrio cholerae sepsis and meningitis in a young infant. Morgan DR, et al. **Tex Med** 1985 Jan;81(1):37-8

[Salmonella panama responsible for meningitis secondary to febrile gastroenteritis in a 3-month-old infant] Talon P, et al. **Pediatrie** 1985 Apr-May;40(3):223-7 (Eng. Abstr.) **(Fre)**

[Meningitis caused by Flavobacterium meningosepticum in premature and newborn infants] Kurt E, et al. **Padiatr Grenzgeb** 1984;23(6):471-5 (Eng. Abstr.) **(Ger)**

[MICs and MBCs of cefotaxim, desacetylcefotaxime and ceftriaxone against four principal bacteria causing meningitis] Deguchi K, et al. **Jpn J Antibiot** 1984 Sep;37(9):1701-13 (Eng. Abstr.) **(Jpn)**

[Efficient scheme for isolating and identifying the principal causative agents of acute bacterial meningitis] Kostiukova NN, et al. **Lab Delo** 1985;(1):48-51 (Eng. Abstr.) **(Rus)**

[Streptococcus group B in meningitis and infection of newborn infants] Kostiukova NN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):25-8 (Eng. Abstr.) **(Rus)**

MORTALITY

Encephalitis and aseptic meningitis, Olmsted County, Minnesota, 1950-1981: I. Epidemiology. Beghi E, et al. **Ann Neurol** 1984 Sep;16(3):283-94

Controlled trials for neonatal meningitis [letter] Mulder CJ, et al. **JAMA** 1985 May 17;253(19):2832-3

OCCURRENCE

Meningitis: describing the community health problem. Skoch MG, et al. **Am J Public Health** 1985 May;75(5):550-2

Neonatal meningitis: a review of routine national data 1975-83. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):778-9

Neonatal meningitis [letter] Walling A, et al. **Br Med J [Clin Res]** 1985 May 4;290(6478):1352

Amoebic meningitis also occurs in NSW. Procopis PG, et al. **Clin Exp Neurol** 1983;19:77-80

Transient increase of early-onset group B streptococcal septicemia. Belfrage P, et al.

Eur J Obstet Gynecol Reprod Biol 1984 Aug;17(6):377-82

Increased incidence of pyogenic meningitis in Agra [letter] Kalra A, et al. **Indian Pediatr** 1985 Mar;22(3):250

Functional epidemiology of bacterial meningitis. Mäkelä PH. **Infection** 1984;12 Suppl 1: S29-34 (31 ref.)

A study of 280 cases of neonatal meningitis in The Netherlands. Mulder CJ, et al. **J Infect** 1984 Sep;9(2):177-84

Bacterial meningitis in the United States, 1978 through 1981. The National Bacterial Meningitis Surveillance Study. Schlech WF 3d, et al. **JAMA** 1985 Mar 22-29;253(12):1749-54

Acute bacterial meningitis in children and adults. A perspective. Bolan G, et al. **Med Clin North Am** 1985 Mar;69(2):231-41

Neonatal meningitis at Dr Pirngadi General Hospital Medan (1972-1980). Sa'at R, et al. **Paediatr Indones** 1984 Jul-Aug;24(7-8):139-44

Neonatal septicemia and meningitis in Göttingen, West Germany. Speer CP, et al. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):36-41

Medicine and the media: a case study. Brown D. **Pharos** 1984 Summer;47(3):2-7

Bacterial meningitis in Johannesburg--1980-1982. Liebowitz LD, et al. **S Afr Med J** 1984 Nov 3;66(18):677-9

Meningitis in Cape Town children. Potter PC, et al. **S Afr Med J** 1984 Nov 17;66(20):759-62

[Incidence of bacterial meningitis in the Netherlands; comparison of 3 registration systems, 1977-1982] Spanjaard L, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23;129(8):355-9 (Eng. Abstr.) **(Dut)**

[Purulent meningitis in children in Yaounde: epidemiological and prognostic aspects] Bernard-Bonnin AC, et al. **Ann Soc Belg Med Trop** 1985;65(1):59-68 (Eng. Abstr.) **(Fre)**

[Cerebrospinal meningitis and encephalitis 1982] Zabicka J. **Przegl Epidemiol** 1984;38(2):127-38 **(Pol)**

[Bacterial meningitis in children. Analysis of 181 cases] Román Piñana JM, et al. **An Esp Pediatr** 1984 Sep 15;21(3):229-37 (Eng. Abstr.) **(Spa)**

[Bacterial meningitis in the child: experience in 441 cases] Juliet C, et al. **Rev Med Chil** 1983 Jul;111(7):690-8 (Eng. Abstr.) **(Spa)**

PARASITOLOGY

Isolation of Acanthamoeba culbertsoni from a patient with meningitis. Lalitha MK, et al. **J Clin Microbiol** 1985 Apr;21(4):666-7

PATHOLOGY

[An autopsy case with meningitis accompanied by circumscribed spinal cord damage] Ishida T, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):294-300 (Eng. Abstr.) **(Jpn)**

[Meningitis caused by Branhamella catarrhalis] Zeigermakher GA. **Klin Med (Mosk)** 1985 Jan;63(1):130-3 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

The incidence and prevention of meningitis after basilar skull fracture. Dagi TF, et al. **Am J Emerg Med** 1983 Nov;1(3):295-8

Prevention of meningitis in head injury [letter] Kelly MJ, et al. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):470

Capsular polysaccharide vaccines today. Mäkelä PH. **Infection** 1984;12 Suppl 1: S72-7 (28 ref.)

Chemoprophylaxis of bacterial meningitis. Schaad UB. **J Antimicrob Chemother** 1985 Feb;15(2):131-3

RADIOGRAPHY

Gammasubdurography in the diagnosis of chronic subdural bilateral and communicating effusion in infants. Palma A, et al. **Acta Neurochir (Wien)** 1985;76(3-4):117-20

Sonographic recognition of gyral infarction in meningitis. Babcock DS, et al. **AJR** 1985 Apr;144(4):833-6

Computed tomography in cases of coccidioidal meningitis, with clinical correlation. Shetter AG, et al. **West J Med** 1985 Jun;142(6):782-6

[Relationship between serial CT findings and clinical course of purulent meningitis] Nakata M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Nov 25;44(11):1360-5 (Eng. Abstr.) **(Jpn)**

[A case of hypertrophic pachymeningitis] Hirabuki N, et al. **Rinsho Hoshasen** 1985 May;30(5):613-6 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

In-111-labeled leukocyte scan demonstrating septic meningitis complicating a spinal epidural abscess. Bedont RA, et al. **Clin Nucl Med** 1985 Feb;10(2):112-3

SURGERY

Treatment of cryptococcal meningitis with pulmonary granuloma. Inoue N, et al. **J Neurol** 1984;231(3):109-11

THERAPY

Recent advances in management of bacterial meningitis in neonates. Klein JO. **Infection** 1984;12 Suppl 1: S44-51 (25 ref.)

[Treatment of bacterial meningitis] Peltola H. **Duodecim** 1985;101(8):786-95 **(Fin)**

[Therapy of otogenic and rhinogenic meningitis] Grasl M, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Aug;63(8):392-5 (Eng. Abstr.) **(Ger)**

TRANSMISSION

[Meningopolyneuritis (Garin-Bujadoux, Bannwarth) erythema chronicum migrans disease of the nervous system transmitted by ticks] Schmidt R, et al. **Fortschr Neurol Psychiatr** 1985 May;53(5):145-53 (Eng. Abstr.) **(Ger)**

VETERINARY

Pathomorphology and pathogenesis of bacterial meningoventriculitis of neonatal ungulates. Cordy DR. **Vet Pathol** 1984 Nov;21(6):587-91

Streptococcal meningitis in pigs. Guise HJ, et al. **Vet Rec** 1985 Jul 13;117(2):43-4

MENINGITIS, ASEPTIC see under **MENINGITIS**

MENINGITIS, HAEMOPHILUS

BLOOD

White blood cell count, erythrocyte sedimentation rate and serum C-reactive protein in meningitis: magnitude of the response related to bacterial species. Valmari P. **Infection** 1984 Sep-Oct;12(5):328-30

Serum C-reactive protein as detector of pretreated childhood bacterial meningitis. Peltola H, et al. **Neurology** 1985 Feb;35(2):251-3

COMPLICATIONS

Hemophilus aphrophilus meningitis followed by vertebral osteomyelitis and suppurative psoas abscess. Petty BG, et al. **Am J Med** 1985 Jan;78(1):159-62

Cortical blindness following Hemophilus influenzae meningitis. Newton NL Jr, et al. **Ann Ophthalmol** 1985 Mar;17(3):193-4

Mechanisms underlying the development of meningitis or epiglottitis in children after Haemophilus influenzae type b bacteremia. La Scolea LJJr, et al. **J Infect Dis** 1985 Jun;151(6):1162-5

Simultaneous bacterial and viral meningitis [letter] Eglin RP, et al. **Lancet** 1984 Oct 27;2(8409):984

DIAGNOSIS

Latex agglutination: an appropriate technology for the diagnosis of bacterial meningitis in developing countries. Venkatesh VC, et al. **Ann Trop Paediatr** 1985 Mar;5(1):33-6

Rapid diagnosis of Haemophilus influenzae meningitis by a latex agglutination technique. Steinhoff MC, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):387-90

Hemophilus para-influenzae meningitis in a two-day-old term infant. Rahbar F, et al. **J Natl Med Assoc** 1985 May;77(5):410-2

Negative latex particle agglutination test (**Bactigen**) in hemophilus influenzae type b infection. Heldrich FJ. **Md State Med J** 1984 Nov;33(11):919-21

Rapid diagnosis of bacterial meningitis by coagglutination. Nadarajah M, et al. **Singapore Med J** 1984 Oct;25(5):324-6

Factors contributing to delay in diagnosis of bacterial meningitis. Dunn DW. **South Med J** 1984 Sep;77(9):1115-7

[Haemophilus influenzae infections. 6.1. Meningitis: a report on 50 cases in childhood] Rieske K, et al. **Padiatr Grenzgeb** 1985;24(4):289-96 (Eng. Abstr.) **(Ger)**

[Haemophilus influenzae infections. 6.2. Meningitis: a discussion of findings in 50 cases in childhood] Spencker FB, et al. **Padiatr Grenzgeb** 1985;24(4):297-308 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Aztreonam therapy in experimental meningitis due to Haemophilus influenzae type b and Escherichia coli K1. McCracken GH Jr, et al. **Antimicrob Agents Chemother** 1985 Apr;27(4):655-6

Meningitis due to beta lactamase producing type 'b' Hemophilus influenzae resistant to chloramphenicol in India--a case report. Ayyagari A, et al. **Indian J Pediatr** 1984 Sep-Oct;51(412):615-7

An extended experience with cefuroxime therapy of childhood bacterial meningitis. Schaad UB, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):410-6

[Haemophilus influenzae infections in infants and macrolides. Importance of the choice of an effective antibiotic and compliance with its administration schedule] Pesnel G, et al. **Pathol Biol (Paris)** 1985 May;33(5):426-9 (Eng. Abstr.) **(Fre)**

[Meningitis caused by Haemophilus influenzae type B, resistant to ampicillin and chloramphenicol] de Juan Martin F, et al. **An Esp Pediatr** 1984 Aug;21(2):153-6 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Meningitis and septicemia due to Haemophilus influenzae serotype e, biotype IV. Schlossberg D, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):73-5

An intracranial complication of frontal sinusitis—case report. Day JO, et al. **J Med Assoc Ga** 1984 Sep;73(9):603-4

Fatal neonatal septicaemia and meningitis due to Haemophilus influenzae acquired from the mother. Chattopadhyay B. **Postgrad Med J** 1984 Oct;60(708):707-8

[Olfactory neuroblastoma disclosed by blindness in a 9-month-old girl] de Champs C, et al. **Arch Fr Pediatr** 1985 Feb;42(2):119-21 (Eng. Abstr.) **(Fre)**

FAMILIAL & GENETIC

The spread of Hemophilus influenzae meningitis among household contacts. Anderson WS, et al. **J SC Med Assoc** 1984 Nov;80(11):539-42

IMMUNOLOGY

Experimental meningitis in the rat: Haemophilus influenzae. Smith AL, et al. **Infection** 1984;12 Suppl 1: S11-22 (40 ref.)

Response to immunization with Haemophilus influenzae type b polysaccharide-pertussis vaccine and risk of Haemophilus meningitis in children with the Km(1) immunoglobulin allotype. Granoff DM, et al. **J Clin Invest** 1984 Nov;74(5):1708-14

Uridine monophosphate kinase 3: a genetic marker for susceptibility to Haemophilus influenzae type B disease. Petersen GM, et al. **Lancet** 1985 Aug 24;2(8452):417-9

MICROBIOLOGY

Pathogenesis of meningitis: experimental studies on the molecular basis of Haemophilus influenzae infection. Moxon ER, et al. **Infection** 1984;12 Suppl 1:S23-8

Lipopolysaccharide subtypes of Haemophilus influenzae type b from an outbreak of invasive disease. Inzana TJ, et al. **J Clin Microbiol** 1984 Aug;20(2):145-50

Non-type b Haemophilus influenzae meningitis [letter] Gratten M, et al. **Lancet** 1985 Jun 8;1(8441):1343-4

Multiple drug resistance in Haemophilus influenzae type b [editorial] Hansman D. **Med J Aust** 1985 May 13;142(10):536-7

OCCURRENCE

[Haemophilus influenzae meningitis in infants. Apropos of 22 recent cases] Deiber M, et al. **Pediatrie** 1984 Dec;39(8):639-44 (Eng. Abstr.) **(Fre)**

PREVENTION & CONTROL

Chemoprophylaxis for the prevention of bacterial meningitis. Schaad UB. **Infection** 1984;12 Suppl 1: S65-71

Prophylaxis for bacterial meningitis. Shapiro ED. **Med Clin North Am** 1985 Mar;69(2):269-80

VETERINARY

Histopathological evaluation of disseminated intravascular coagulation in Haemophilus somnus infection in cattle. Momotani E, et al. **J Comp Pathol** 1985 Jan;95(1):15-23

[Sleeper syndrome in beef cattle; meningoencephalitis caused by Haemophilus somnus] Franken P, et al. **Tijdschr Diergeneeskd** 1984 Oct 1;109(19):751-3 (Eng. Abstr.) **(Dut)**

MENINGITIS, LISTERIA

A case of listeriosis in Bayfield County. Parker EH, et al. **Wis Med J** 1985 Jan;84(1):19-20

COMPLICATIONS

[Hydrocephalus complicating Listeria monocytogenes meningitis] Listchinsky M, et al. **Harefuah** 1984 Dec 16;107(12):397-8 (Eng. Abstr.) **(Heb)**

[Listeria meningitis occurring in a patient with acute lymphocytic leukemia during remission] Fujimoto M, et al. **Kansenshogaku Zasshi** 1984 Sep;58(9):943-8 (Eng. Abstr.) **(Jpn)**

DIAGNOSIS

Listeria meningitis. Lauten SG. **Ala Med** 1984 Nov;54(5):17-9

[Listeriosis: neurologic presentations in the framework of the Neuchatel mini epidemic 1983-1984] Delabays A, et al. **Rev Med Suisse Romande** 1985 Mar;105(3):261-6 **(Fre)**

[Difficulties in bacterial diagnosis of listeria meningitis] Heuck D, et al. **Z Gesamte Hyg** 1985 Jan;31(1):41-4 (Eng. Abstr.) **(Ger)**

[Case of Listeria monocytogenes meningitis with a benign course in a healthy adult] Chiaradia V, et al. **Riv Neurol** 1985 Jan-Feb;55(1):17-21 (Eng. Abstr.) **(Ita)**

DRUG THERAPY

Listeria meningitis during pregnancy. Boucher M, et al. **Am J Perinatol** 1984 Jul;1(4):312-8

Trimethoprim-sulfamethoxazole in Listeria monocytogenes meningitis [letter] Jacquette G, et al. **Ann Intern Med** 1985 Jun;102(6):866-7

Listeria meningitis: report of ten recent cases and review of current therapeutic recommendations. Trautmann M, et al. **J Infect** 1985 Mar;10(2):107-14

[A case of Listeria monocytogenes meningitis] Taguchi Y, et al. **Kansenshogaku Zasshi** 1984 Jun;58(6):562-5 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Listeriosis [letter] **Lancet** 1985 Sep 14;2(8455):607-8

RADIOGRAPHY

Computed tomographic scanning in Listeria monocytogenes meningitis. Marrie TJ, et al. **Clin Invest Med** 1984; 7(4):355-9

MENINGITIS, MENINGOCOCCAL

[Meningococcal meningitis in adults. Study of 45 cases] Mancebo Cortés J, et al. **Med Clin (Barc)** 1984 Nov 17; 83(16):655-9 (Eng. Abstr.) **(Spa)**

BLOOD

White blood cell count, erythrocyte sedimentation rate and serum C-reactive protein in meningitis: magnitude of the response related to bacterial species. Valmari P. **Infection** 1984 Sep-Oct;12(5):328-30

[Circulating calcitonin in fulminating purpura in children] Mallet E, et al. **Biomed Pharmacother** 1984;38(5):277-9 (Eng. Abstr.) **(Fre)**

[Immunohormonal homeostasis in meningococcal meningitis] Sokolov IaA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Dec;(12):83-8 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Myocardial depression in septic shock caused by meningococcal infection. Monsalve F, et al. **Crit Care Med** 1984 Dec;12(12):1021-3

Late sequelae after meningococcal disease as related to anamnestic and clinical factors recorded during the acute illness. Sander J, et al. **NIPH Ann** 1984 Dec;7(2):69-82

Late sequelae after meningococcal disease. A controlled study in young men. Sander J, et al. **NIPH Ann** 1984 Jun; 7(1):3-11

Meningococcal meningitis presenting with bilateral deafness and ataxia. Sandyk R, et al. **Postgrad Med J** 1984 Oct; 60(708):668-9

[Lesional pulmonary edema in meningococcal meningitis (letter)] Mercatello A, et al. **Presse Med** 1984 Sep 15; 13(31):1899 **(Fre)**

[Transient diabetes insipidus. Exceptional complication of meningococcic meningitis (letter)] Bofill D, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):560-1 **(Spa)**

[Purpura fulminans in the adult. Presentation of 2 cases] Conejero Garcia Quijada R, et al. **Med Clin (Barc)** 1985 May 18;84(19):787-9 (Eng. Abstr.) **(Spa)**

[Chronic meningococcemia associated with Clostridium perfringens bacteremia] Oristrell Salva J, et al. **Rev Clin Esp** 1984 Oct 31;175(2):107-8 **(Spa)**

DIAGNOSIS

Diagnosis by postmortem blood sampling [letter] Glynn MJ. **Br Med J [Clin Res]** 1985 Feb 2;290(6465):392

Timing of lumbar puncture in severe childhood meningitis. Harper JR, et al. **Br Med J [Clin Res]** 1985 Sep 7; 291(6496):651-2

Prognostic factors of severe infectious purpura in children. Leclerc F, et al. **Intensive Care Med** 1985;11(3):140-3

Role of electroencephalography in assessment of patients after meningococcal infection. Lobzin YuV, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):449-52

Rapid diagnosis of bacterial meningitis by coagglutination. Nadarajah M, et al. **Singapore Med J** 1984 Oct;25(5):324-6

[Modification of an immunoradiometric analysis method and the coagglutination reaction in the diagnosis of meningitis] Alekseeva NV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):66-9 (Eng. Abstr.) **(Rus)**

[Comparative study of the sensitivity and specificity of dried and liquid meningococcal erythrocyte diagnostic agents A, C and Y in a controlled trial] Nikitiuk NM, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):72-6 (Eng. Abstr.) **(Rus)**

[Immunoenzyme method in the diagnosis of meningococcal infections] Zhuravleva GV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Sep;(9):28-32 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Persistence of Neisseria meningitidis in the upper respiratory tract after intravenous antibiotic therapy for systemic meningococcal disease. Abramson JS, et al. **J Infect Dis** 1985 Feb;151(2):370-1

An extended experience with cefuroxime therapy of childhood bacterial meningitis. Schaad UB, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):410-6

Effect of benzylpenicillin in mice infected with endotoxin-liberating or non-liberating variant strains of Neisseria meningitidis. Andersen BM, et al. **Scand J Infect Dis** 1984;16(3):257-66

[Oral amoxicillin for purulent meningitis in the child: early relief and reduction in symptoms] Tazi-Lakhassi L, et al. **J Int Med Res** 1985;13(3):188-95 (Eng. Abstr.) **(Fre)**

[Intracarotid infusion of antibacterial drugs in suppurative meningoencephalitis] Kudriavtsev AE, et al. **Sov Med** 1984; (10):84-7 **(Rus)**

[Failure of penicillin in pediatric meningococcal meningitis (letter)] Vila Cots J, et al. **Med Clin (Barc)** 1984 Sep 22; 83(8):353 **(Spa)**

ETIOLOGY

Meningococcal meningitis associated with cerebrospinal fluid shunts. Leggiadro RJ, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):489-90

Meningococcal meningitis in children: clinical comparison of disease produced by the minor and major serologic groups of Neisseria meningitidis. Ryan NJ, et al. **South Med J** 1984 Oct;77(10):1234-9

[Recurring meningococcal meningitis in hereditary C 5 deficiency] Hildenhagen O, et al. **Dtsch Med Wochenschr** 1985 Sep 27;110(39):1498-501 (Eng. Abstr.) **(Ger)**

[Recurring meningococcemia and C5 deficiency (letter)] Ayensa C, et al. **Med Clin (Barc)** 1985 Mar 23;84(11):463 **(Spa)**

FAMILIAL & GENETIC

C5 deficiency in a white family [letter] Boelaert J, et al. **Arch Intern Med** 1985 Jul;145(7):1333

IMMUNOLOGY

C3 nephritic factor in a patient with recurrent Neisseria meningitidis infections. Teisner B, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Dec; 92(6):341-9

Immune complexes and the pathogenesis of meningococcal arthritis. Greenwood BM, et al. **Clin Exp Immunol** 1985 Mar;59(3):513-9

Magnitude of bacteremia and complement activation during Neisseria meningitidis infection: study of two co-primary cases with different clinical presentations. Zwahlen A, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):439-41

Measurement of growth-inhibiting (bactericidal) antibodies in patients with meningococcal meningitis and in subjects immunized with meningococcal polysaccharide vaccine by a [3H]thymidine assay. Hassan-King M, et al. **J Clin Microbiol** 1985 Jul;22(1):136-8

Factor I deficiency and C3 nephritic factor: immunochemical findings and association with Neisseria meningitidis infection in two patients. Teisner B, et al. **Scand J Immunol** 1984 Oct;20(4):291-7

[Recurrent Neisseria meningitidis meningitis associated with deficiency of the 7th complement component (letter)] Ragnaud JM, et al. **Presse Med** 1984 Nov 24;13(42):2585 **(Fre)**

[HLA-related repeated cases of generalized forms of meningococcal infection and purulent meningitis of different etiology] Petrunin IuP, et al. **Klin Med (Mosk)** 1984 Sep;62(9):101-3 (Eng. Abstr.) **(Rus)**

[Cross-reacting intraspecies antigens of Neisseria meningitidis. II. The dynamics of antimeningococcal antibodies to cross-reacting antigens in different forms of meningococcal infection] Martynov IuV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Nov;(11):60-5 (Eng. Abstr.) **(Rus)**

[Meningococcal meningitis: bacterial virulence, antibodies or complement?] Pujadas Capmany R, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):671-3 **(Spa)**

METABOLISM

[Pharmacokinetic and clinical studies of latamoxef (moxalactam) in neonates and premature infants] Fujii R, et al. **Jpn J Antibiot** 1984 Jun;37(6):973-90 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Experimental meningococcal infection in neonatal animals: models for mucosal invasiveness. Salit IE, et al. **Can J Microbiol** 1984 Aug;30(8):1022-9

Experimental meningococcal infection in neonatal mice: differences in virulence between strains isolated from human cases and carriers. Salit IE, et al. **Can J Microbiol** 1984 Aug;30(8):1042-5

Differentiation of B15 strains of Neisseria meningitidis by DNA restriction endonuclease fingerprinting. Kristiansen BE, et al. **J Infect Dis** 1984 Nov;150(5):672-7

Endotoxin liberation and invasivity of Neisseria meningitidis. Andersen BM, et al. **Scand J Infect Dis** 1984;16(3):247-54

Virulence markers in patient and carrier strains of Neisseria meningitidis. Holten E, et al. **Scand J Infect Dis** 1984; 16(3):267-70

[Changes in the antigenic properties of strains of Neisseria meningitidis isolated from the cerebrospinal fluid of patients with meningitis] Kuzemenska P. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):91-9 (Eng. Abstr.) **(Cze)**

[Meningococcal meningitis caused by Neisseria meningitidis of the X serogroup (letter)] Pastor JM, et al. **Med Clin (Barc)** 1985 Jun 29;85(5):208-9 **(Spa)**

OCCURRENCE

Epidemic bacterial meningitis in Wello, northern Ethiopia, 1983. Agzew Y. **Ethiop Med J** 1985 Jul;23(3):103-6

Neisseria meningitidis. Stephens DS. **Infect Control** 1985 Jan; 6(1):37-40 (57 ref.)

Epidemiology of meningococcal meningitis in Sahel and Mongolia. Skalova R. **Infection** 1984;12 Suppl 1: S35-43

Validity of the recording of meningococcal disease according to various sources of information. De Wals P, et al. **J Infect** 1984 Sep;9(2):185-9

Meningococcal group Y disease in children. Stephens DS, et al. **Pediatr Infect Dis** 1984 Nov-Dec;3(6):523-5

[Clinico-etiological characteristics of meningococcal infection in children in Leningrad 1970-1982] Zinchenko AP, et al. **Pediatriia** 1984 Aug;(8):24-7 (Eng. Abstr.) **(Rus)**

PATHOLOGY

[Meningococcal infection with hemorrhagic-necrotizing exanthema] Metzner HH, et al. **Dermatol Monatsschr** 1985; 171(2):113-7 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

[Bioelectric activity of the brain in hypertoxic forms of meningococcal infection in children] Shipitsyna LM, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1493-8 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

Chemoprophylaxis for the prevention of bacterial meningitis. Schaad UB. **Infection** 1984;12 Suppl 1: S65-71

Control of epidemic meningococcal meningitis by mass vaccination. I. Further epidemiological evaluation of groups A and C vaccines in northern Nigeria. Mohammed I, et al. **J Infect** 1984 Sep;9(2):190-6

Control of epidemic meningococcal meningitis by mass vaccination. II. Persistence of antibody four years after vaccination. Mohammed I, et al. **J Infect** 1984 Sep; 9(2):197-202

Age-specific differences in duration of clinical protection after vaccination with meningococcal polysaccharide A vaccine. Reingold AL, et al. **Lancet** 1985 Jul 20; 2(8447):114-8

Epidemic meningococcal disease: recommendations for travelers to Nepal. **MMWR** 1985 Mar 8;34(9):119-20, 125

MENINGITIS, PNEUMOCOCCAL

[Meningitis as a complication of bacterial infections or csf leakage] Korpilahti K, et al. **Duodecim** 1984;100(15):925-33 (Eng. Abstr.) **(Fin)**

BLOOD

White blood cell count, erythrocyte sedimentation rate and serum C-reactive protein in meningitis: magnitude of the response related to bacterial species. Valmari P. **Infection** 1984 Sep-Oct;12(5):328-30

CEREBROSPINAL FLUID

Pathogenesis of bacterial meningitis: contributions by experimental models in rabbits. Tauber MG, et al. **Infection** 1984;12 Suppl 1: S3-10 (57 ref.)

The relative role of bacterial cell wall and capsule in the induction of inflammation in pneumococcal meningitis. Tuomanen E, et al. **J Infect Dis** 1985 Mar;151(3):535-40

COMPLICATIONS

Severe atopic eczema, recurrent pneumococcal meningitis and recurrent eczema herpeticum. David TJ, et al. **J R Soc Med** 1984 Aug;77(8):696-7

Spontaneous cerebrospinal fluid otorrhea and rhinorrhea coexisting in a patient with meningitis. Brodsky L. **Laryngoscope** 1984 Oct;94(10):1351-4

[A case of generalized pneumococcal infection] Primakov SV, et al. **Vrach Delo** 1985 May;(5):113-5 **(Rus)**

[Purpura fulminans in the adult. Presentation of 2 cases] Conejero Garcia Quijada R, et al. **Med Clin (Barc)** 1985 May 18;84(19):787-9 (Eng. Abstr.) **(Spa)**

CONGENITAL

[Neonatal sepsis, meningitis and lobar pneumonia due to Streptococcus pneumoniae] Weizer S, et al. **Harefuah** 1985 Apr 1;108(7):347-8 (Eng. Abstr.) **(Heb)**

DIAGNOSIS

Evaluation of the phadebact and bactigen reagents for detection of Neisseria meningitidis in cerebrospinal fluid. Kurzynski TA, et al. **J Clin Microbiol** 1985 Jun; 21(6):989-90

For completeness' sake. Coulehan JL. **Pa Med** 1985 Feb; 88(2):28

Evaluation of a latex particle agglutination kit in pneumococcal disease. Congeni BL, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):417-9

Rapid diagnosis of bacterial meningitis by coagglutination. Nadarajah M, et al. **Singapore Med J** 1984 Oct;25(5):324-6

[Bacterial meningitis as a late complication of persistent traumatic cerebrospinal fluid fistulas] Süss W, et al. **Aktuel Traumatol** 1984 Oct;14(5):193-4 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Antimicrobial therapy of experimental meningitis caused by Streptococcus pneumoniae strains with different susceptibilities to penicillin. McCracken GH Jr, et al.

Antimicrob Agents Chemother 1985 Feb;27(2):141-5

Pharmacokinetics and bacteriological efficacies of apalcillin and cefpiramide in experimental pneumococcal meningitis. Sato K, et al. **Antimicrob Agents Chemother** 1984 Oct; 26(4):578-9

New cephalosporins cefotaxime, cefpimizole, BMY 28142, and HR 810 in experimental pneumococcal meningitis in rabbits. Täuber MG, et al. **Antimicrob Agents Chemother** 1985 Mar;27(3):340-2

Penicillin-resistant Streptococcus pneumoniae meningitis successfully treated with vancomycin [letter] Buzón LM, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):442-3

Effects of ampicillin and corticosteroids on brain water content, cerebrospinal fluid pressure, and cerebrospinal fluid lactate levels in experimental pneumococcal meningitis. Täuber MG, et al. **J Infect Dis** 1985 Mar; 151(3):528-34

An extended experience with cefuroxime therapy of childhood bacterial meningitis. Schaad UB, et al. **Pediatr Infect Dis** 1984 Sep-Oct;3(5):410-6

[Oral amoxicillin for purulent meningitis in the child: early relief and reduction in symptoms] Tazi-Lakhassi L, et al. **J Int Med Res** 1985;13(3):188-95 (Eng. Abstr.) **(Fre)**

[Antibiotic therapy of childhood meningitis (letter)] **Orv Hetil** 1984 Dec 30;125(53):3273 **(Hun)**

[Intracarotid infusion of antibacterial drugs in suppurative meningoencephalitis] Kudriavtsev AE, et al. **Sov Med** 1984; (10):84-7 **(Rus)**

[Pneumococcal meningitis partially resistant to penicillin: presentation of 2 cases and review of the literature] Maña J, et al. **Med Clin (Barc)** 1985 May 4;84(17):697-9 (Eng. Abstr.) **(Spa)**

[Pneumococcal meningitis resistant to penicillin, chloramphenicol and tetracycline (letter)] Perez A, et al. **Med Clin (Barc)** 1985 May 4;84(17):712 **(Spa)**

ETIOLOGY

Family practice grand rounds. Meningitis following normal lumbar punctures. Feder HM Jr, et al. **J Fam Pract** 1985 May;20(5):437-40

Acute mastoiditis complicated by bacterial meningitis. Braverman AC, et al. **Mo Med** 1985 Jun;82(6):308-11

[Meningitis following myelography] Kallio M, et al. **Duodecim** 1984;100(18):1183-7 (Eng. Abstr.) **(Fin)**

[Puerperal endometritis, sepsis and meningitis caused by Streptococcus pneumoniae (letter)] Valles J, et al. **Med Clin (Barc)** 1985 Feb 23;84(7):293 **(Spa)**

FAMILIAL & GENETIC

Pneumococcal meningitis in a husband and wife. Collingham KE, et al. **J Infect** 1985 May;10(3):256-8

IMMUNOLOGY

Complement (C5)-derived chemotactic activity accounts for accumulation of polymorphonuclear leukocytes in cerebrospinal fluid of rabbits with pneumococcal meningitis. Ernst JD, et al. **Infect Immun** 1984 Oct; 46(1):81-6

Immunological paralysis to pneumococcal polysaccharide in man. Pichichero ME. **Lancet** 1985 Aug 31;2(8453):468-71

MORTALITY

Pneumococcal meningitis: an evaluation of prognostic factors in 164 cases based on mortality and on a study of lasting sequelae. Bohr V, et al. **J Infect** 1985 Mar;10(2):143-57

PREVENTION & CONTROL

[Pneumococcal vaccine in recurrent bacterial meningitis (letter)] Pascual JM, et al. **Med Clin (Barc)** 1984 Jun 23; 83(4):179 **(Spa)**

THERAPY

[Pneumococcal meningitis in children] Fischer HH, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3118-21 (Eng. Abstr.) **(Dan)**

MENINGITIS, TUBERCULOUS see **TUBERCULOSIS, MENINGEAL**

MENINGITIS, VIRAL

CEREBROSPINAL FLUID

Zinc, copper, and manganese concentrations in cerebrospinal fluid of patients with viral meningitis. Ishigame K, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):61-5

IFN-gamma and IFN-alpha in CSF in viral meningitis [letter] Abbott RJ, et al. **Lancet** 1985 Aug 24;2(8452):456-7

[Prolonged nonbacterial meningitis: clinical aspects and cerebrospinal fluid findings] Siemes H, et al. **Klin Padiatr** 1984 Nov-Dec;196(6):347-54 (Eng. Abstr.) **(Ger)**

[Antibodies in the cerebrospinal fluid of patients with mumps meningitis] Jankowski M, et al. **Med Dosw Mikrobiol** 1984; 36(3):179-88 (Eng. Abstr.) **(Pol)**

[Blood-cerebrospinal fluid barrier in acute viral meningitis with elevated cerebrospinal fluid protein levels] Nikolic S, et al. **Med Pregl** 1984;37(11-12):511-3 (Eng. Abstr.) **(Scr)**

COMPLICATIONS

Syndrome of inappropriate secretion of antidiuretic hormone in enteroviral meningitis. Chemtob S, et al. **Am J Dis Child** 1985 Mar;139(3):292-4

Simultaneous bacterial and viral meningitis [letter] Eglin RP, et al. **Lancet** 1984 Oct 27;2(8409):984

Polyneuropathy after herpes simplex type 2 meningitis. Seibert DG, et al. **South Med J** 1984 Nov;77(11):1476

DIAGNOSIS

Central nervous system infections. Wong HB. **J Singapore Paediatr Soc** 1985;27(1-2):36-42

Rapid diagnosis of echovirus type 33 meningitis by specific IgM detection using an enzyme linked immunosorbent assay (ELISA). Chomel JJ, et al. **J Virol Methods** 1985 Jan;10(1):11-9

C-reactive protein in case of consecutive bacterial and viral meningitis [letter] de Zegher F, et al. **Lancet** 1984 Dec 22;2(8417-18):1465-6

Viral meningitis. Ratzan KR. **Med Clin North Am** 1985 Mar; 69(2):399-413

Herpes simplex and herpes zoster. Nervous system involvement. Tenser RB. **Neurol Clin** 1984 May;2(2):215-40

[Clinical aspects of enterovirus cerebrospinal meningitis in children treated at the Clinic of Infectious Diseases of Childhood in Wroclaw from June to December 1982 during the Wroclaw epidemic] Prandota-Schoepp A, et al. **Pediatr Pol** 1984 Jul;59(7):569-73 (Eng. Abstr.) **(Pol)**

[Clinical course of serous meningitis during the 1982 epidemic] Macura T. **Wiad Lek** 1984 Jun 1;37(11):848-52 (Eng. Abstr.) **(Pol)**

[Lesions of the central nervous system in measles] Predenia VA, et al. **Sov Med** 1984;(9):90-2 **(Rus)**

[Use of human embryonic fibroblasts for the laboratory examination of serious meningitis patients] Spynu KI, et al. **Vopr Virusol** 1985 Mar-Apr;30(2):239-41 **(Rus)**

ETIOLOGY

[Enteroviral etiology of neuroinfectious diseases] Daneš L, et al. **Cas Lek Cesk** 1985 Feb 22;124(8):242-6 (Eng. Abstr.) **(Cze)**

[Erythroblastopenia and febrile meningeal syndrome caused by parvovirus in a child homozygotic for sickle cell anemia (letter)] Lefrere J, et al. **Presse Med** 1985 Feb 2;14(4):228-9 **(Fre)**

[Clinical features and application of enzyme immunoassay in a herpes zoster meningitis series] Martinez Martin P, et al. **Med Clin (Barc)** 1985 Feb 2;84(4):138-42 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Complement and circulating immune complexes in children with mumps meningitis. Madalinski K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(5):529-35

Neutralizing antibody and interferon-alpha in cerebrospinal fluids and sera of acute aseptic meningitis. Ichimura H, et al. **J Med Virol** 1985 Mar;15(3):231-7

Treatment of mice with polyinosinic-polycytidilic polyribonucleotide reduces T-cell involvement in a localized inflammatory response to vaccinia virus challenge. Korngold R, et al. **J Virol** 1985 Feb;53(2):489-94

MICROBIOLOGY

[Difficulty of the etiological diagnosis of viral nervous system diseases: double virus infection (letter)] **Orv Hetil** 1985 Apr 21;126(16):1001-2 **(Hun)**

OCCURRENCE

From the PHLS. Virus meningitis and encephalitis 1978-82. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):921-2

Method for selecting optimal cells for enterovirus isolation as determined in an outbreak of echovirus type 33 meningitis. Druyts-Voets E, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):331-4

Echo 30 outbreak, 1983-4 [letter] Shone G, et al. **NZ Med J** 1985 Aug 14;98(784):658

[The course of viral meningitis in patients treated at the Infectious Disease Clinic, Medical Academy, in Cracow during the period of epidemic intensity (August-November 1982)] Begejowicz C, et al. **Pol Tyg Lek** 1984 Jun 11; 39(24):819-21 (Eng. Abstr.) **(Pol)**

[An epidemic of viral meningitis caused by ECHO 4 occurring in Panama in 1981] Saenz RE, et al. **Rev Med Panama** 1984 Sep;9(3):188-99 (Eng. Abstr.) **(Spa)**

PATHOLOGY

The nervous system in genital herpes simplex virus type 2 infections in mice. Lethal panmyelitis or nonlethal demyelinative myelitis or meningitis. Martin JR, et al. **Lab Invest** 1984 Nov;51(5):556-66

PHYSIOPATHOLOGY

[High intracranial pressure with the spreading of the cranial sutures as a leading symptom of herpes simplex meningitis] Millner M, et al. **Padiatr Padol** 1985;20(3):283-8 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

[Brain scintigraphy in viral meningoencephalitis (letter)] Toth G, et al. **Orv Hetil** 1984 Dec 30;125(53):3274 **(Hun)**

THERAPY

[Effectiveness of the treatment of neurological forms of epidemic parotitis with leukocytic interferon] Timofeeva GA, et al. **Pediatriia** 1984 Aug;(8):27-9 (Eng. Abstr.) **(Rus)**

MENINGOCELE

CLASSIFICATION

[Basal encephalomeningocele in an adult—a case report and clinico-anatomical classification] Yamashita H, et al. **No Shinkei Geka** 1985 Apr;13(4):425-31 (Eng. Abstr.) **(Jpn)**

COMPLICATIONS

Ventricular shunt survival in children with neural tube defects. Liptak GS, et al. **Acta Neurochir (Wien)** 1985; 74(3-4):113-7

Spinal cord compression due to postoperative cervical pseudomeningocele. Hanakita J, et al. **Neurosurgery** 1985 Aug;17(2):317-9

Thoracic vertebral erosion secondary to an intrathoracic meningocele in a patient with neurofibromatosis. A case report. Kornberg M, et al. **Spine** 1984 Nov-Dec;9(8):821-4

[Cushing's disease caused by probable pituitary microadenoma associated with an intrasellar arachnoidal diverticulum (letter)] Lorcy Y, et al. **Presse Med** 1985 Feb 9;14(5):284 **(Fre)**

DIAGNOSIS

A variant of encephalomeningocele: heterotopic brain tissue on the scalp. Tanii T, et al. **Dermatologica** 1984; 169(6):354-8

PATHOLOGY

Nasal aplasia associated with meningocele and submucous cleft palate. Shubich I, et al. **Ear Nose Throat J** 1985 May; 64(5):259-60

Sphenoethmoidal encephalomeningocele and midline anomalies of face and brain. Tada M, et al. **Hokkaido Igaku Zasshi** 1985 Jan;60(1):48-56

RADIOGRAPHY

Transsphenoidal canal (large craniopharyngeal canal) and its pathologic implications. Currarino G, et al. **AJNR** 1985 Jan-Feb;6(1):39-43

Intrasacral meningeal cyst demonstrated by sacral epidurography. Roosen N, et al. **Neuroradiology** 1985; 27(2):123-4

Anterior sacral meningocele. Current diagnosis. Jabre A, et al. **Surg Neurol** 1985 Jan;23(1):9-13

[Intrasacral meningoceles] Vogelsang H. **Rontgenblatter** 1985 Mar;38(3):67-71 (Eng. Abstr.) **(Ger)**

[A case of basal encephalomeningocele (a transethmoidal type) containing the olfactory nerve] Amagasa M, et al. **No Shinkei Geka** 1985 Mar;13(3):313-9 (Eng. Abstr.) **(Jpn)**

[Differential roentgenodiagnosis of congenital craniocerebral hernias] Kamalov II. **Zh Vopr Neirokhir** 1985 Mar-Apr; (2):40-4 (Eng. Abstr.) **(Rus)**

RADIONUCLIDE IMAGING

Pitfalls in the diagnosis of neuroblastoma by 99mTc-MDP scintigraphy: a case report. Garty I, et al. **Eur J Nucl Med** 1984;9(12):564-5

SURGERY

Meningoceles and the tethered cord syndrome. Chaseling RW, et al. **Childs Nerv Syst** 1985;1(2):105-8

Four cases of frontal encephalomeningocele in neonates. Hayashi T, et al. **Kurume Med J** 1984;31(1):27-35

Sacral fracture with pseudomeningocele and cerebrospinal fluid fistula: case report and review of the literature. Hadley MN, et al. **Neurosurgery** 1985 Jun;16(6):843-6

MENINGOCOCCAL INFECTIONS

Constrictive pericarditis as a late complication of meningococcal pericarditis. Nichols DA, et al. **Am J Cardiol** 1985 May 1;55(11):1442-3

Case of chronic meningococcemia in British Columbia. Leung A, et al. **Can Med Assoc J** 1985 Apr 1;132(7):821

Fulminant meningococcemia in children. Rimar JM, et al. **Heart Lung** 1985 Jul;14(4):385-91 (52 ref.)

Primary meningococcal pericarditis: a disease of adults associated with serogroup C Neisseria meningitidis. Blaser MJ, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):625-32 (29 ref.)

Chronic meningococcemia. Claflin K, et al. **Wis Med J** 1984 Dec;83(12):25-6

[Chronic meningococcal septicemia, a forgotten disease] Spanjaard L, et al. **Ned Tijdschr Geneeskd** 1985 Feb 23; 129(8):352-5 (Eng. Abstr.) **(Dut)**

[The Meningococcus and its pathology. A symposium sponsored by the French Language Society for Infectious

Pathology] Modai J. **Ann Pediatr (Paris)** 1985 Jun;32(6):491-3 **(Fre)**

[Chronic meningococcemia in a 16 1/2-month-old child] Raymond J, et al. **Ann Pediatr (Paris)** 1985 May;32(5):453-6 (Eng. Abstr.) **(Fre)**

COMPLICATIONS

Gangrene requiring amputation in meningococcal infection. Carson JW. **Ir Med J** 1985 Jan;78(1):14-6

Myocardial dysfunction in children with acute meningococcemia. Boucek MM, et al. **J Pediatr** 1984 Oct;105(4):538-42

C-reactive protein not a reliable predictor of sequelae to meningococcal disease [letter] Borchsenius F, et al. **Lancet** 1984 Oct 13;2(8407):864

[Acute myocardial dysfunction in meningococcal septicemia] Horisberger JD, et al. **Schweiz Med Wochenschr** 1985 Feb 23;115(8):281-4 (Eng. Abstr.) **(Fre)**

[False acute abdomen due to Waterhouse-Friderichsen syndrome] Pavlovskii MP, et al. **Klin Khir** 1985 May;(5):65-6 **(Rus)**

DIAGNOSIS

Meningococcemia presenting as septic arthritis, pericarditis, and tenosynovitis. Rosen MS, et al. **Arthritis Rheum** 1985 May;28(5):576-8

Role of electroencephalography in assessment of patients after meningococcal infection. Lobzin YuV, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):449-52

Postmeningococcal urethritis caused by Chlamydia trachomatis: a case report. Lefevre JC, et al. **Sex Transm Dis** 1985 Apr-Jun;12(2):88-9

[Analysis of industrially produced diagnostic meningococcal agglutinating sera] Trushnikova AG. **Lab Delo** 1985;(5):302-4 (Eng. Abstr.) **(Rus)**

[Case of fulminating meningococcemia] Ugriumov BL, et al. **Vrach Delo** 1985 Feb;(2):112-4 **(Rus)**

[Increased specificity of immunoenzyme analysis for diagnosing meningococcal infection] Zhuravleva GV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):63-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Persistence of Neisseria meningitidis in the upper respiratory tract after intravenous antibiotic therapy for systemic meningococcal disease. Abramson JS, et al. **J Infect Dis** 1985 Feb;151(2):370-1

[Existence of strains of Meningococcus resistant to penicillin (letter)] Dominguez P, et al. **Med Clin (Barc)** 1985 Apr 6;84(13):543-4 **(Spa)**

ETIOLOGY

Postsplenectomy sepsis 10 years or more after operation. Evans DI. **J Clin Pathol** 1985 Mar;38(3):309-11

Meningococcemia in a patient with acquired complement deficiency and myeloma [letter] Schifferli JA, et al. **N Engl J Med** 1984 Nov 22;311(21):1381-2

Waterhouse-Friderichsen syndrome without purpura due to Haemophilus influenzae group B. Morrison U, et al. **Postgrad Med J** 1985 Jan;61(711):67-8

IMMUNOLOGY

Inherited C8 beta subunit deficiency in a patient with recurrent meningococcal infections: in vivo functional kinetic analysis of C8. Rao CP, et al. **Clin Exp Immunol** 1985 Apr;60(1):183-90

Magnitude of bacteremia and complement activation during Neisseria meningitidis infection: study of two co-primary cases with different clinical presentations. Zwahlen A, et al. **Eur J Clin Microbiol** 1984 Oct;3(5):439-41

Meningococcal endocarditis with profound acquired hypocomplementaemia. Weetman AP, et al. **J Infect** 1985 Jan;10(1):51-6

Neisserial antigen H.8 is immunogenic in patients with disseminated gonococcal and meningococcal infections. Black JR, et al. **J Infect Dis** 1985 Apr;151(4):650-7

[Immunoepidemiological characteristics of the duration of a meningococcal carrier state] Deviatkina NP, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):99-102 (Eng. Abstr.) **(Rus)**

[Specific immunological reactivity in generalized forms of meningococcal infection in children] Korzhueva NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Aug;(8):110-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Experimental meningococcal infection in neonatal mice: differences in virulence between strains isolated from human cases and carriers. Salit IE, et al. **Can J Microbiol** 1984 Aug;30(8):1042-5

Risk of group A meningococcal disease: bacterial interference and cross-reactive bacteria among mucosal flora. Filice GA, et al. **J Clin Microbiol** 1985 Aug;22(2):152-6

Meningococcal infections in Scotland 1972-82. Fallon RJ, et al. **J Hyg (Lond)** 1984 Oct;93(2):167-80

Isolates of Neisseria meningitidis from different sites in the same patient: phenotypic and genomic studies, with special reference to adherence, piliation, and DNA restriction endonuclease pattern. Kristiansen BE, et al. **J Infect Dis** 1984 Sep;150(3):389-96

Differentiation of B15 strains of Neisseria meningitidis by DNA restriction endonuclease fingerprinting. Kristiansen BE, et al. **J Infect Dis** 1984 Nov;150(5):672-7

Restriction fingerprinting and serology in a small outbreak of B15 meningococcal disease among Norwegian soldiers. Kristiansen BE, et al. **Scand J Infect Dis** 1985;17(1):19-24

[Case of Waterhouse-Friderichsen syndrome in the aged] Takamatsu K, et al. **Kansenshogaku Zasshi** 1984 Jan;58(1):54-9 (Eng. Abstr.) **(Jpn)**

[Bacteriological diagnosis of meningococcal infections in children from autopsy material] Korzhueva NA, et al. **Lab Delo** 1985;(5):304-6 (Eng. Abstr.) **(Rus)**

[Isolation of Neisseria meningitidis in cases of meningococcal disease] Gómez Marrero R, et al. **Rev Cubana Med Trop** 1984 May-Aug;36(2):244-9 (Eng. Abstr.) **(Spa)**

OCCURRENCE

Meningococcal disease in Delhi. Taneja A. **Indian Pediatr** 1985 Mar;22(3):181-4

Carriage of Neisseria meningitidis and Neisseria lactamica in a school population during an epidemic period in Spain. Saez-Nieto JA, et al. **J Hyg (Lond)** 1985 Jun;94(3):279-88

Validity of the recording of meningococcal disease according to various sources of information. De Wals P, et al. **J Infect** 1984 Sep;9(2):185-9

An outbreak of meningococcal disease: implications for community medicine. Buchan H, et al. **NZ Med J** 1984 Dec 12;97(769):860-2

Group A meningococcal disease in the U.S. Pacific Northwest: epidemiology, clinical features, and effect of a vaccination control program. Counts GW, et al. **Rev Infect Dis** 1984 Sep-Oct;6(5):640-8

Meningococcal arthritis. Bhettay E, et al. **S Afr Med J** 1985 Jan 5;67(1):7-9

[Fulminant meningococcal septicemia. Clinical experiences in hyperendemic occurrence of meningococcal disease] Pedersen RS, et al. **Ugeskr Laeger** 1985 Apr 15;147(16):1327-30 (Eng. Abstr.) **(Dan)**

[Dynamic observation of the epidemic process in meningococcal infection in a unit] Perepelkin VS, et al. **Voen Med Zh** 1984 Oct;(10):35-7 **(Rus)**

[Epidemiological waves in meningococcal infections] Rodriguez-Contreras Pelayo R, et al. **Rev Sanid Hig Publica (Madr)** 1984 Jan-Feb;58(1-2):99-118 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Primary meningococcal arthritis. Siebert WT, et al. **South Med J** 1984 Dec;77(12):1610-1

PREVENTION & CONTROL

Meningococcal vaccines. **MMWR** 1985 May 10;34(18):255-9

Evaluation of two tetravalent (ACYW135) meningococcal vaccines in infants and small children: a clinical study comparing immunogenicity of O-acetyl-negative and O-acetyl-positive group C polysaccharides. Peltola H, et al. **Pediatrics** 1985 Jul;76(1):91-6

[Why and when to vaccinate against meningococcal disease] Humble M. **Nord Med** 1984;99(10):248-50, 253 (Eng. Abstr.) **(Nor)**

[Immunoprophylaxis of meningococcal infection among the troops] Khokhlov DT, et al. **Voen Med Zh** 1984 Oct;(10):51-3 (18 ref.) **(Rus)**

THERAPY

[Rational schemes for treating meningococcal infections in young persons] Matkovskii VS, et al. **Voen Med Zh** 1984 Nov;(11):33-7 **(Rus)**

MENINGOCOCCUS see **NEISSERIA MENINGITIDIS**

MENINGOENCEPHALITIS

CEREBROSPINAL FLUID

Cerebrospinal fluid centrifuge analysis in primary amebic meningoencephalitis due to Naegleria fowleri. Benson RL, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):668-71

Studies of biochemical markers in cerebrospinal fluid in patients with meningoencephalitis. Ronquist G, et al. **Infect Immun** 1985 Jun;48(3):729-34

Plasma cell generation inhibition in lymphocyte cultures containing cerebrospinal fluid from children with central nervous system viral infections. Bertotto A, et al. **Microbiologica** 1985 Jan;8(1):11-6

Cytomegalovirus meningoencephalitis in a homosexual man with Kaposi's sarcoma: isolation of CMV from CSF cells. Edwards RH, et al. **Neurology** 1985 Apr;35(4):560-2

CHEMICALLY INDUCED

Complications of chemotherapy [clinical conference] Cairncross JG, et al. **Can J Neurol Sci** 1985 May;12(2):149-53

COMPLICATIONS

Meningo-encephalitis accompanying retinochoroiditis in a murine model of congenital toxoplasmosis. Hay J, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):21-9

A case of agammaglobulinaemia complicated by meningoencephalitis due to Echo virus 27. Farmer K, et al. **Aust Paediatr J** 1984 Aug;20(3):229-31

[Chronic urticarial eruption with arthritis, papillary edema, and meningoencephalitis of childhood onset] Chevrant-Breton J, et al. **Ann Dermatol Venereol** 1984;111(6-7):553-62 (Eng. Abstr.) **(Fre)**

[Neuropsychiatric forms of tuberculous meningoencephalitis] el Alaoui Faris M, et al. **Maroc Med** 1985 Jun;7(2):580-96 (Eng. Abstr.) **(Fre)**

[Comatose tuberculous meningoencephalitis, rifampin-induced jaundice and myeloradiculoneuritis (case report)] Ispas TL, et al. **Rev Ig [Pneumoftiziol]** 1984 Apr-Jun;33(2):181-7 (Eng. Abstr.) **(Rum)**

DIAGNOSIS

Toxoplasma meningoencephalitis in a young girl [letter] Galli MG, et al. **Boll Ist Sieroter Milan** 1984 Jul 31;63(3):223-5

Meningoencephalitis presenting as depression. Doghramji K, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):884-5

Acute acquired toxoplasmosis causing neuroptico-meningoencephalitis in an immunocompetent boy [letter] Confavreux C, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):715-6

Role of electroencephalography in assessment of patients after meningococcal infection. Lobzin YuV, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):449-52

[Outcome of mumps meningoencephalitis in children. Apropos of 42 cases] Sluzewski W. **Ann Pediatr (Paris)** 1985 Mar;32(3):233-5 (Eng. Abstr.) **(Fre)**

[Chronic meningoencephalitis with progressive internal hydrocephalus] Hungerbühler JP, et al. **Rev Med Suisse Romande** 1985 May;105(5):435-46 **(Fre)**

[Limited suppurative meningoencephalitis with the clinical course resembling tuberculosis of the central nervous system. Description of 2 cases] Olejnik Z, et al. **Pneumonol Pol** 1984 Jul;52(7):347-51 (Eng. Abstr.) **(Pol)**

[Masks of tuberculous meningoencephalitis in the adult (a case report)] Ispas LT, et al. **Rev Ig [Pneumoftiziol]** 1985 Jan-Mar;34(1):83-8 (Eng. Abstr.) **(Rum)**

[Clinical picture and differential diagnosis of serous meningitis and viral meningoencephalitis] Gavura VV. **Klin Med (Mosk)** 1984 Jul;62(7):22-8 (73 ref.) (Eng. Abstr.) **(Rus)**

[Neurologic manifestations in acute pancreatitis] Eroknina LG, et al. **Sov Med** 1985;(2):108-11 **(Rus)**

[Lesions of the central nervous system in measles] Predenia VA, et al. **Sov Med** 1984;(9):90-2 **(Rus)**

[Clinical picture and pathogenesis of measles encephalitis and meningoencephalitis] Gavura VV. **Zh Nevropatol Psikhiatr** 1985;85(2):177-80 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

[A case of malaria tropicameningoencephalitis (neuromalaria) with chloroquine and pyrimethamine/sulfadoxine resistance] Niklewski G, et al. **Nervenarzt** 1985 Feb;56(2):101-5 **(Ger)**

[Intracarotid infusion of antibacterial drugs in suppurative meningoencephalitis] Kudriavtsev AE, et al. **Sov Med** 1984;(10):84-7 **(Rus)**

ETIOLOGY

Arbovirus meningoencephalitis in children. Stern SJ, et al. **J Arkansas Med Soc** 1984 Oct;81(5):274-7

Pneumonia and meningo-encephalitis due to Coxiella burnetii. Marrie TJ. **J Infect** 1985 Jul;11(1):59-61

Mucormycotic meningoencephalitis in a ferret (case report). Hiruma M, et al. **Kitasato Arch Exp Med** 1984 Apr;57(1):67-73

Cryptococcus neoformans var gattii in Europe [letter] Kohl KH, et al. **Lancet** 1985 Jun 29;1(8444):1515

Pneumonia and meningoencephalitis in a female adolescent. Case report. Wright RA, et al. **Mo Med** 1984 Oct;81(10):660-1, 666

Fatal eosinophilic meningoencephalitis and visceral larva migrans caused by the raccoon ascarid Baylisascaris procyonis. Fox AS, et al. **N Engl J Med** 1985 Jun 20;312(25):1619-23

Primary amebic meningoencephalitis. Seidel J. **Pediatr Clin North Am** 1985 Aug;32(4):881-92 (40 ref.)

Case 4. The first fatal Baylisascaris infection in humans: an infant with eosinophilic meningoencephalitis. Huff DS, et al. **Pediatr Pathol** 1984;2(3):345-52

Primary amoebic meningoencephalitis in a young male from northwestern Mexico. Valenzuela G, et al. **Trans R Soc Trop Med Hyg** 1984;78(4):558-9

[West Nile virus meningomyeloencephalitis--value of interferon assays in primary encephalitis] Leport C, et al. **Ann Med Interne (Paris)** 1984;135(6):460-3 (Eng. Abstr.) **(Fre)**

[Coxsackie B5 infection in a newborn infant. Meningoencephalitis and myocarditis] Lauras B, et al. **Pediatrie** 1984 Oct-Dec;39(7):561-5 (Eng. Abstr.) **(Fre)**

[Various mechanisms of the pathogenesis and etiotropic therapy of neurologic forms of epidemic parotitis] Sichko ZhV. **Zh Nevropatol Psikhiatr** 1985;85(2):184-9 (Eng. Abstr.) **(Rus)**

[Toxoplasma meningoencephalitis] Durlach RA, et al. **Medicina (B Aires)** 1984;44(1):69-74 (Eng. Abstr.) **(Spa)**

IMMUNOLOGY

Differential susceptibility and resistance of immunocompetent and immunodeficient mice to fatal Hantaan virus infection. Nakamura T, et al. **Arch Virol** 1985;86(1-2):109-20

Immune spleen cell-mediated protection against fatal Hantaan virus infection in infant mice. Nakamura T, et al. **J Infect Dis** 1985 Apr;151(4):691-7

Protective effects of glycoprotein-specific monoclonal antibodies on the course of experimental mumps virus meningoencephalitis. Wolinsky JS, et al. **J Virol** 1985 Mar;53(3):727-34

[Candida albicans meningoencephalitis in an apparently non-immunosuppressed patient (letter)] Vilella JM, et al. **Presse Med** 1985 Apr 27;14(17):980 **(Fre)**

METABOLISM

Biochemical changes in mouse brain myelin during experimental primary amoebic meningo-encephalitis. Tekwani BL, et al. **Br J Exp Pathol** 1984 Oct;65(5):637-44

MICROBIOLOGY

Primary amoebic meningo-encephalitis caused by Acanthamoeba (report of two cases). Gogate A, et al. **J Postgrad Med** 1984 Apr;30(2):125-8

Respiratory epithelial cells masquerading as agents of primary amebic meningoencephalitis: distinguishing features. Davis LE, et al. **Neurology** 1985 Oct;35(10):1487-90

[Post-infectious Epstein-Barr virus encephalitis] Tardieu M, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):425-7 (Eng. Abstr.) **(Fre)**

PARASITOLOGY

[Eosinophilic meningoencephalitis in childhood (Toxocara infestation?)] Kaszás T, et al. **Orv Hetil** 1984 Nov 18;125(47):2871-3 (Eng. Abstr.) **(Hun)**

PATHOLOGY

Pontomedullary encephalitis and basal meningitis due to Listeria monocytogenes: report of a case. Callea L, et al. **Eur Neurol** 1985;24(4):217-20

Echovirus meningomyeloencephalitis with administration of intrathecal immunoglobulin. Hadfield MG, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):520-9

PHYSIOPATHOLOGY

[Periodic lateralized epileptiform discharges in infants] Hamano K, et al. **No To Hattatsu** 1985 May;17(3):210-7 (Eng. Abstr.) **(Jpn)**

RADIOGRAPHY

[Computed tomographic diagnosis of cerebrospinal fluid disorders and their significance as indications for surgery in granulomatous meningoencephalitis] Stellamor K, et al. **ROFO** 1984 Dec;141(6):706-8 **(Ger)**

[Brain scintigraphy in viral meningoencephalitis (letter)] Tóth G, et al. **Orv Hetil** 1984 Dec 30;125(53):3274 **(Hun)**

THERAPY

Sarcoid meningoencephalitis treated with high-dosage steroids and radiation [letter] Feibelman RY, et al. **Ann Intern Med** 1985 Jan;102(1):136

VETERINARY

Cerebral trypanosomiasis in cattle with mixed Trypanosoma congolense and T. brucei brucei infections. Masake RA, et al. **Acta Trop (Basel)** 1984 Sep;41(3):237-46

Meningoencephalitis in calves due to bovine herpesvirus type 1 infection. Hill BD, et al. **Aust Vet J** 1984 Jul;61(7):242-3

Atypical nervous lesion in Haemophilus somnus infection of cattle. Ishikawa Y, et al. **Cornell Vet** 1984 Oct;74(4):349-53

Granulomatous meningoencephalomyelitis. Braund KG. **J Am Vet Med Assoc** 1985 Jan 15;186(2):138-41 (0 ref.)

Histopathological evaluation of disseminated intravascular coagulation in Haemophilus somnus infection in cattle. Momotani E, et al. **J Comp Pathol** 1985 Jan;95(1):15-23

Thromboembolic meningoencephalitis diagnosed in Natal. Kitching JP, et al. **J S Afr Vet Assoc** 1985 Jun;56(2):97-8

Mycotic pneumonia and meningoencephalitis due to Aspergillus terreus in a neonatal snow leopard (Panthera uncia). Peden WM, et al. **J Wildl Dis** 1985 Jul;21(3):301-5

Acute meningoencephalomyelitis in a rabbit infected with Pasteurella multocida. Murray KA, et al. **Lab Anim Sci** 1985 Apr;35(2):169-71

Nonsuppurative meningoencephalomyelitis of unknown etiology in mink. Schmitz JA, et al. **Vet Pathol** 1985 Mar;22(2):112-6

Idiopathic meningoencephalitis of sheep in England. Duffell SJ. **Vet Rec** 1984 Nov 24;115(21):547

[Sleeper syndrome in beef cattle; meningoencephalitis caused by Haemophilus somnus] Franken P, et al. **Tijdschr Diergeneeskd** 1984 Oct 1;109(19):751-3 (Eng. Abstr.) **(Dut)**

[Acute sporidiosis in cattle. A case of clinically natural meningoencephalitis caused by Sarcocystis cruzi in a bull] Takla M. **Tierarztl Prax** 1984;12(2):167-72 **(Ger)**

MENINGOMYELOCELE

CEREBROSPINAL FLUID

Elevation of cerebrospinal fluid substance P concentrations in spina bifida. Tam PK, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:89-90

COMPLICATIONS

Ventricular shunt survival in children with neural tube defects. Liptak GS, et al. **Acta Neurochir (Wien)** 1985;74(3-4):113-7

Seizures in children with meningomyelocele. Bartoshesky LE, et al. **Am J Dis Child** 1985 Apr;139(4):400-2

Infection stones in patients with myelomeningocele and ileal conduit urinary tract diversion. Krieger JN, et al. **Arch Phys Med Rehabil** 1985 Jun;66(6):360-4

Management of the resistant myelodysplastic or arthrogrypotic clubfoot with the Verebelyi-Ogston procedure. Spires TD, et al. **J Pediatr Orthop** 1984 Nov;4(6):705-10

Arnold-Chiari II malformation with meningomyelocele. Hopper KD. **Milit Med** 1985 Apr;150(4):209-10

Myelomeningocele occurring within a lumbosacral teratoma: case report. Reid SA, et al. **Neurosurgery** 1985 Aug;17(2):338-40

Derangement of swallowing in children with myelomeningocele. Fernbach SK, et al. **Pediatr Radiol** 1985;15(5):311-4

Meningomyelocele and Hirschprung disease: theoretical and clinical significance. Merkler RG, et al. **Pediatrics** 1985 Aug;76(2):299-300

Management of myelomeningocele. Kaplan WE. **Urol Clin North Am** 1985 Feb;12(1):93-101

Incidence of urinary tract complications with myelomeningocele. Cass AS, et al. **Urology** 1985 Apr;25(4):374-8

[Long-term evaluation of the results in sphincterotomies in spina bifida] de Leval J, et al. **Acta Urol Belg** 1985;53(1):44-9 **(Fre)**

[Coincidence of kidney damage and diagnostic parameters in neurogenic bladder emptying disorder. An analysis of 76 cases with myelodysplasia] Pfestorf B. **Kinderarztl Prax** 1985 May;53(5):235-41 (Eng. Abstr.) **(Ger)**

[Functional disorders of the lower urinary tract as exemplified by spina bifida] Jaeger P. **Ther Umsch** 1985 Feb;42(2):147-53 (Eng. Abstr.) **(Ger)**

DIAGNOSIS

Terminal myelocystocele. McLone DG, et al. **Neurosurgery** 1985 Jan;16(1):36-43

Meningoceles and neurological involvement. Talwalkar VC, et al. **Z Kinderchir** 1985 Feb;40(1):7-12

[Sonographic characteristics of the Arnold-Chiari syndrome and hydrocephalus in children with meningomyelocele] Deeg KH. **Monatsschr Kinderheilkd** 1984 Nov;132(11):854-60 (Eng. Abstr.) **(Ger)**

[Sonographic detection of prenatal rupture of spina bifida cystica] Bernaschek G, et al. **Ultraschall Med** 1984 Aug;5(4):152-4 (Eng. Abstr.) **(Ger)**

[Intracranial anomalies in myelomeningocele--observation with magnetic resonance (MR) imaging] Shirakuni T, et al. **No To Shinkei** 1985 May;37(5):481-7 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

[The risk of spinal herniation in spinal cord compression; lumbar or cervical myelography] Vecht CJ, et al. **Ned Tijdschr Geneeskd** 1985 Jan 26;129(4):171-4 (Eng. Abstr.) **(Dut)**

FAMILIAL & GENETIC

Possible causal heterogeneity in spina bifida cystica. Toriello HV, et al. **Am J Med Genet** 1985 May;21(1):13-20

Contribution to the etiology of spina bifida cystica. Sulla I, et al. **Zentralbl Neurochir** 1984;45(3):179-82

[Spina bifida: an equivalent mutation in man of the mouse T locus?] Fellous M. **Presse Med** 1985 Jan 26;14(3):135-6 **(Fre)**

PHYSIOPATHOLOGY

Vocal-cord paralysis and brainstem dysfunction in children with spina bifida. Hesz N, et al. **Dev Med Child Neurol** 1985 Aug;27(4):528-31

Hand function in children with myelomeningocele. Turner A. **J Bone Joint Surg [Br]** 1985 Mar;67(2):268-72

PSYCHOLOGY

Psychosocial and cultural factors associated with the management of spina bifida cystica in Nigeria. Oyewole A, et al. **Dev Med Child Neurol** 1985 Aug;27(4):498-503

Psycho-social achievement in the latency-aged child with spina bifida within the family structure. Johnson AF. **Z Kinderchir** 1984 Dec;39 Suppl 2:138-40

Neuropsychological testing and survey forms to indicate possible loss of neurological functioning. Laatsch LK, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:125-8

RADIOGRAPHY

Double discontinuous lipomyelomeningocele: CT findings. Gorey MT, et al. **J Comput Assist Tomogr** 1985 May-Jun;9(3):584-91

RADIONUCLIDE IMAGING

[Myeloscintigraphy in case of lower intrathoracic meningomyelocele] Chmielowski K, et al. **Pol Przegl Radiol (Warszawa)** 1984 May-Jun;48(3):181-3 (Eng. Abstr.) **(Pol)**

REHABILITATION

Increasing community independence for adolescents with spina bifida. Sherman RG, et al. **Adolescence** 1985 Spring;20(77):1-13

Behavioral treatment of ambulatory function in a child with myelomeningocele. A case report. Manella KJ, et al. **Phys Ther** 1984 Oct;64(10):1536-9

SURGERY

Selective surgical management of neural tube malformations. Evans RC, et al. **Arch Dis Child** 1985 May;60(5):415-9

Walking ability after transplantation of the iliopsoas. A long-term follow-up. Stillwell A, et al. **J Bone Joint Surg [Br]** 1984 Nov;66(5):656-9

Management of lipomyelomeningoceles. Experience at the Hospital for Sick Children, Toronto. Hoffman HJ, et al. **J Neurosurg** 1985 Jan;62(1):1-8

Progressive spasticity and scoliosis in children with myelomeningocele. Radiological investigation and surgical treatment. Park TS, et al. **J Neurosurg** 1985 Mar;62(3):367-75

Technical note: the use of nitroglycerin ointment after precarious neurosurgical wound closure. Lehman RA, et al. **Neurosurgery** 1985 May;16(5):701-2

Surgical considerations in the initial repair of meningomyelocele and the introduction of a technical modification. Venes JL. **Neurosurgery** 1985 Jul;17(1):111-3

Management of the newborn with myelomeningocele: time for a decision-making process. Charney EB, et al. **Pediatrics** 1985 Jan;75(1):58-64

Wound closure of the myelomeningocoele defect. Luce EA, et al. **Plast Reconstr Surg** 1985 Mar;75(3):389-93

A review of the management policy for new-born spina bifida children at Our Lady's Hospital for Sick Children, Crumlin, 1973-1983. Guiney EJ, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:114-6

Intrauterine treatment of spina bifida: primate model. Michejda M. **Z Kinderchir** 1984 Aug;39(4):259-61

The upper renal tracts in adolescents and young adults with myelomeningocele. Rickwood AM, et al. **Z Kinderchir** 1984 Dec;39 Suppl 2:104-6

[Experiences with selection criteria in myelomeningocele surgery] Hänsel-Friedrich G, et al. **Neurochirurgia (Stuttg)** 1985 Mar;28(2):57-60 (Eng. Abstr.) **(Ger)**

[Anesthesia in the early surgical therapy of myelomeningocele] Della Corte F, et al. **Pediatr Med Chir** 1984 Jul-Aug;6(4):553-6 (Eng. Abstr.) **(Ita)**

[Problems in managing the newborn infant with lumbosacral meningomyelocele: basis for comprehensive care] Godano U, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):77-85 (Eng. Abstr.) **(Ita)**

MENOPAUSE

Serum levels of dehydroepiandrosterone sulphate and total estrone in postmenopausal women with special regard to 'non-endocrine' ovarian carcinoma. Carlström K, et al. **Acta Obstet Gynecol Scand** 1985;64(3):267-8

Mental health in the climacteric. The longitudinal study of women in Gothenburg. Hällström T, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:13-8

Menopausal age and risk of cardiovascular disease and death. A 12-year follow-up of participants in the population study of women in Gothenburg, Sweden. Lapidus L, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:37-41

Relationships between the menopause and risk factors for ischaemic heart disease. Lindquist O, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:43-7

The hormonal situation in the perimenopausal period. Nilsson L. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:9-11

The effect of different vitamin D treatments on serum vitamin D levels in early postmenopausal women. Riis B, et al. **Acta Vitaminol Enzymol** 1984;6(2):77-82

Pathophysiologic basis for the menopause. DeFazio J, et al. **Adv Psychosom Med** 1985;12:35-56

Postmenopausal bone density and milk consumption in childhood and adolescence. Sandler RB, et al. **Am J Clin Nutr** 1985 Aug;42(2):270-4

Correlates of mid-radius bone density among postmenopausal women: a community study. Sowers MR, et al. **Am J Clin Nutr** 1985 May;41(5):1045-53

Atypical ovarian hyperthecosis in a virilized postmenopausal woman. Madiedo G, et al. **Am J Clin Pathol** 1985 Jan;83(1):101-7

Estrogen replacement therapy and fibrocystic breast disease in postmenopausal women. Berkowitz GS, et al. **Am J Epidemiol** 1985 Feb;121(2):238-45

Familial premature ovarian failure. Mattison DR, et al.

Am J Hum Genet 1984 Nov;36(6):1341-8

Risk factors for postmenopausal osteoporosis. Aloia JF, et al. **Am J Med** 1985 Jan;78(1):95-100

Mammographic parenchymal patterns and risk of breast cancer in postmenopausal women. Horwitz RI, et al. **Am J Med** 1984 Oct;77(4):621-4

Thiazide diuretics and bone mineral content in postmenopausal women. Adland-Davenport P, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):630-4

Efficacy, acceptability, and metabolic effects of transdermal estradiol in the management of postmenopausal women. Padwick ML, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1085-91

A double-blind comparative study of Estraderm and Premarin in the amelioration of postmenopausal symptoms. Place VA, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1092-9

Pharmacokinetics and pharmacodynamics of transdermal dosage forms of 17 beta-estradiol: comparison with conventional oral estrogens used for hormone replacement. Powers MS, et al. **Am J Obstet Gynecol** 1985 Aug 15; 152(8):1099-106

Mumps and postmenopausal ovarian cancer [letter] Schiffman MH, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):116-8

Endometrial responses to transdermal estradiol in postmenopausal women. Whitehead MI, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1079-84

Absence of menopausal effect on hip fracture occurrence in white females. Brody JA, et al. **Am J Public Health** 1984 Dec;74(12):1397-8

Current considerations of the menopause. Wu CH. **Ann Clin Lab Sci** 1985 May-Jun;15(3):219-28

Menarche, pregnancy, birth spacing and menopause among the Agta women foragers of Cagayan province, Luzon, the Philippines. Goodman MJ, et al. **Ann Hum Biol** 1985 Mar-Apr;12(2):169-77

Long-term estrogen replacement therapy prevents bone loss and fractures. Ettinger B, et al. **Ann Intern Med** 1985 Mar; 102(3):319-24

Smoking and age at menopause in women. McKinlay SM, et al. **Ann Intern Med** 1985 Sep;103(3):350-6

Osteoporosis and menopause: a feminist analysis of the social construction of a syndrome. MacPherson KI. **ANS** 1985 Jul;7(4):11-22

Serum total estrogen levels and urinary excretion of calcium and hydroxyproline in premenopausal and postmenopausal Chinese women. Ouyang PC, et al. **Asia Oceania J Obstet Gynaecol** 1984 Dec;10(4):467-71

The effect of ginseng on serum total cholesterol, HDL-cholesterol and triglyceride levels in postmenopausal women. Punnonen R, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):399-401

Is there a male menopause? Baker HW. **Aust Fam Physician** 1984 Oct;13(10):726-8

Basal plasma levels of calcitonin and bone mineral mass in normal and uremic women. Effect of menopause. Corghi E, et al. **Biomed Pharmacother** 1984;38(5):263-5

Depression at the menopause. Osborn M. **Br J Hosp Med** 1984 Sep;32(3):126, 128-9 (32 ref.)

Long-term effects of the menopause and sex hormones on skin thickness. Brincat M, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):256-9

The effects of age and body composition on circulating serum oestrogens and androstenedione after the menopause. Jensen J, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):260-5

Menopause: diagnosis and treatment. Coope J. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):888-90

Menopause: associated problems. Coope J. **Br Med J [Clin Res]** 1984 Oct 13;289(6450):970-2

Calcium supplementation and postmenopausal bone loss. Nilas L, et al. **Br Med J [Clin Res]** 1984 Oct 27; 289(6452):1103-6

Calcium supplementation and postmenopausal bone loss [letter] Taylor WH. **Br Med J [Clin Res]** 1985 Jan 12; 290(6462):156-7

Pros and cons of aminoglutethimide for advanced postmenopausal breast cancer. Bruning PF, et al. **Breast Cancer Res Treat** 1984;4(4):289-95

Placebo therapy for postmenopausal osteoporosis. Elias C, et al. **Calcif Tissue Int** 1985 Jan;37(1):6-13

Life-style and bone mineral mass in perimenopausal women. Johnell O, et al. **Calcif Tissue Int** 1984 Jul;36(4):354-6

Serum bone Gla protein variations during estrogen and calcium prophylaxis of postmenopausal women. Podenphant J, et al. **Calcif Tissue Int** 1984 Sep;36(5):536-40

The menopause: stressors and facilitators. el-Guebaly N, et al. **Can Med Assoc J** 1984 Oct 15;131(8):865-9

Did the experience of the African savanna bring about the human menopause? Donaldson JF. **Cent Afr J Med** 1984 Oct;30(10):198-9, 201

Estrogen changes as a critical factor in modulation of central opioid tonus: possible correlations with post-menopausal migraine. Genazzani AR, et al. **Cephalalgia** 1985 May;5 Suppl 2:212-4

Serum sex-hormone binding globulin and mortality risk in postmenopausal women [letter] Lundberg PA, et al. **Clin Chem** 1985 Apr;31(4):654-6

Neuroendocrinology of menopausal flushes: an hypothesis of flush mechanism. Casper RF, et al. **Clin Endocrinol (Oxf)** 1985 Mar;22(3):293-312

The differential diagnosis of osteoporosis in post-menopausal women. Caniggia A. **Clin Exp Rheumatol** 1985 Jan-Mar; 3(1):1-3

Sexual function and the menopause. Semmens JP, et al. **Clin Obstet Gynecol** 1984 Sep;27(3):717-23

Lack of hormonal changes in postmenopausal women of equal weight with and without osteoporosis, including relation to time of menopause. Rico H, et al. **Clin Rheumatol** 1984 Sep;3(3):337-43

Autoimmune chronic active hepatitis in postmenopausal women. Lebovics E, et al. **Dig Dis Sci** 1985 Sep;30(9):824-8

Thyroid hormone-binding inhibitor in normal, pregnant, and lactating rat and postmenopausal human breast tissue. Oberkotter LV, et al. **Endocrinology** 1985 Aug;117(2):511-4

Low-dose aminoglutethimide without steroid replacement in the treatment of postmenopausal women with advanced breast cancer. Murray R, et al. **Eur J Cancer Clin Oncol** 1985 Jan;21(1):19-22

Suppression of basal luteinizing hormone concentrations by melatonin in postmenopausal women. Aleem FA, et al. **Fertil Steril** 1984 Dec;42(6):923-5

Effects of an antiestrogen on subfractions of HDL cholesterol during estrogen replacement therapy. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(3):140-6

Lipid and lipoprotein levels following pure estradiol implantation in post-menopausal women. Sharf M, et al. **Gynecol Obstet Invest** 1985;19(4):207-12

Estrogen and progestin effects on urinary calcium and calciotropic hormones in surgically-induced postmenopausal women. Lobo RA, et al. **Horm Metab Res** 1985 Jul;17(7):370-3

Prolactin and thyrotropin response to thyrotropin-releasing hormone in premenopausal women with fibrocystic disease of the breast. Dogliotti L, et al. **Horm Res** 1985; 21(3):137-44

Peroxidase activities in human breast tumours in relation to menstrual status of the patients. Talukdar C, et al. **Indian J Med Res** 1984 Jun;79:801-5

The distribution of oestradiol in plasma from postmenopausal women with or without breast cancer: relationships with metabolic clearance rates of oestradiol. Reed MJ, et al. **Int J Cancer** 1985 Apr 15;35(4):457-60

Treatment with vitamin D or its analogues does not change body weight or blood glucose level in postmenopausal women. Nilas L, et al. **Int J Obes** 1984;8(5):407-11

Fluid retention and weight reduction in perimenopausal women. Spodnik MJ, et al. **J Am Diet Assoc** 1985 Aug; 85(8):971-3

Hormonal responses to short term fasting in postmenopausal women. Beitins IZ, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1120-6

Progestins increase endogenous opioid peptide activity in postmenopausal women. Casper RF, et al. **J Clin Endocrinol Metab** 1985 Jan;60(1):34-6

Heterogeneity of fracture syndromes in postmenopausal women. Johnston CC, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):551-6

A gonadotropin and alpha-subunit suppression test for the assessment of the ectopic production of human chorionic gonadotropin and its subunits after the menopause. Papapetrou PD, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1187-95

Effects of a short course of estrogen on mineral metabolism in postmenopausal women. Stock JL, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):595-600

Correlations between estrogen receptor, progesterone receptor, and patient characteristics in human breast cancer. Clark GM, et al. **J Clin Oncol** 1984 Oct; 2(10):1102-9

Adjuvant therapy in postmenopausal node-positive breast cancer [letter] Goldhirsch A, et al. **J Clin Oncol** 1985 Jul; 3(7):1045-7

Gonadotrophin excretion in fertile women: effect of age and the onset of the menopausal transition. Metcalf MG, et al. **J Endocrinol** 1985 Jun;105(3):357-62

The hormonal form of vitamin D in the pathophysiology and therapy of postmenopausal osteoporosis. Caniggia A, et al. **J Endocrinol Invest** 1984 Aug;7(4):373-8

Papanicolaou smear adequacy: effect of different techniques in specific fertility states. Hamblin JE, et al. **J Fam Pract** 1985 Mar;20(3):257-60

Postmenopausal osteoporosis: concerns and costs in clinical management. Wingate MB. **J Med** 1984;15(4):323-32 (18 ref.)

Direct evidence of hypertension and the possible role of post-menopause oestrogen deficiency in the pathogenesis of berry aneurysms. Stober T, et al. **J Neurol** 1985; 232(2):67-72

Salivary concentrations of steroid hormones in males and in cycling and postmenopausal females with and without periodontitis. Vittek J, et al. **J Periodont Res** 1984 Sep; 19(5):545-55

Osteoporosis in postmenopausal women. Renner RP, et al. **J Prosthet Dent** 1984 Oct;52(4):581-8

Effects of aerobic dancing and walking on cardiovascular function and muscular strength in postmenopausal women. White MK, et al. **J Sports Med Phys Fitness** 1984 Jun; 24(2):159-66

The endogenous concentration of estradiol and estrone in normal human postmenopausal endometrium. Vermeulen-Meiners C, et al. **J Steroid Biochem** 1984 Nov; 21(5):607-12

Tamoxifen therapy, oestrogen receptor status, and postmenopausal breast cancer [letter] A'Hern RP, et al. **Lancet** 1985 Apr 27;1(8435):976

4-Hydroxyandrostenedione in treatment of postmenopausal patients with advanced breast cancer. Coombes RC, et al. **Lancet** 1984 Dec 1;2(8414):1237-9

Calcium deficiency and postmenopausal osteoporosis [letter] Nordin BE. **Lancet** 1985 Sep 28;2(8457):720

Prevention of postmenopausal osteoporosis [letter] Stevenson JC, et al. **Lancet** 1985 Aug 10;2(8450):334-5

Fourth International Congress on the Menopause. Orlando, U.S.A., October 28-November 2, 1984. Abstracts of special communications and poster sessions. **Maturitas** 1984 Sep; 6(2):79-213

The management of persistent menopausal symptoms with oestradiol-testosterone implants: clinical, lipid and hormonal results. Burger HG, et al. **Maturitas** 1984 Dec; 6(4):351-8

Hypothesis. Biochemical changes at the menopause: possible role of the central nervous system. Hodgkinson A. **Maturitas** 1984 Nov;6(3):259-67 (48 ref.)

A preliminary evaluation of the effect of lofexidine on vasomotor flushes in post-menopausal women. Jones KP, et al. **Maturitas** 1985 Jul;7(2):135-9

Post-menopausal estrogen replacement: the prevention of osteoporosis and systemic effects. Lafferty FW, et al. **Maturitas** 1985 Jul;7(2):147-59

The relation of physiological changes to subjective symptoms in postmenopausal women with and without hot flushes. Mashchak CA, et al. **Maturitas** 1984 Dec;6(4):301-8

The effect of estrogen treatment on plasma concentrations of steroid hormones, gonadotropins, prolactin and sex hormone-binding globulin in post-menopausal women. Mathur RS, et al. **Maturitas** 1985 Jul;7(2):129-33

Effect of an intranasal LHRH agonist on gonadotrophins and hot flushes in post-menopausal women. Shaw RW, et al. **Maturitas** 1985 Jul;7(2):161-7

The effect of low-dose piperazine oestrone sulphate and low-dose levonorgestrel on blood lipid levels in post-menopausal women. Wren B, et al. **Maturitas** 1985 Jul;7(2):141-6

Oestrogen replacement therapy [letter] Heaney MV. **Med J Aust** 1985 Sep 2;143(5):218-9

Variations of serum prolactin levels in Malay women from premenarche to the postmenopause. Rajikin MH, et al. **Med J Malaysia** 1984 Jun;39(2):135-8

Responses of pre- and post-menopausal females to aerobic conditioning. Cowan MM, et al. **Med Sci Sports Exerc** 1985 Feb;17(1):138-43

Contributions of aging and estrogen deficiency to postmenopausal bone loss [letter] Dequeker J, et al. **N Engl J Med** 1985 Aug 15;313(7):453

Relative contributions of aging and estrogen deficiency to postmenopausal bone loss. Richelson LS, et al. **N Engl J Med** 1984 Nov 15;311(20):1273-5

Calcitonin secretion in postmenopausal osteoporosis. Tiegs RD, et al. **N Engl J Med** 1985 Apr 25;312(17):1097-100

Premature ovarian failure. Aiman J, et al. **Obstet Gynecol** 1985 Jul;66(1):9-14

Premature ovarian failure: its relationship to autoimmune disease. Alper MM, et al. **Obstet Gynecol** 1985 Jul; 66(1):27-30

Postmenopausal uterine bleeding of nonorganic cause. Choo YC, et al. **Obstet Gynecol** 1985 Aug;66(2):225-8

Comparison of bone density in amenorrheic women due to athletics, weight loss, and premature menopause. Jones KP, et al. **Obstet Gynecol** 1985 Jul;66(1):5-8

Breast cancer in postmenopausal estrogen-progestogen users [letter] Lee NC, et al. **Obstet Gynecol** 1984 Dec;64(6):832-4

Pituitary hormones during the menopausal hot flash. Meldrum DR, et al. **Obstet Gynecol** 1984 Dec;64(6):752-6

Cyclic therapy resulted in pregnancy in premature ovarian failure. Ohsawa M, et al. **Obstet Gynecol** 1985 Sep;66(3 Suppl):64S-67S

Conversion of estrone to estradiol and estradiol to estrone in postmenopausal women. Reed MJ, et al. **Obstet Gynecol** 1985 Sep;66(3):361-5

Alcohol effects on plasma luteinizing hormone levels in menopausal women. Mendelson JH, et al. **Pharmacol Biochem Behav** 1985 Feb;22(2):233-6

Malignant struma ovarii, diagnosed post menopause. Zbranca E, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):733-6

Idiopathic premature ovarian failure. A clinical and biochemical study. Naidoo C, et al. **S Afr Med J** 1985 Jul 20;68(2):91-4

Lymphangioleiomyomatosis presenting in a postmenopausal woman. Sinclair W, et al. **Thorax** 1985 Jun;40(6):475-6

Clinical and endocrinological features of statistical clusters of women with climacteric symptoms. Abe T, et al. **Tohoku J Exp Med** 1985 May;146(1):59-68

[Colposcopic characteristics of women in the menopause] Karag'ozov I. **Akush Ginekol (Sofiia)** 1984;23(5):426-31 (Eng. Abstr.) **(Bul)**

[Problems of treatment and outpatient care of women in the postreproductive years] Donát J, et al. **Cesk Gynekol** 1984 Nov;49(9):651-6 **(Cze)**

[Comments on the classification of the climacteric and menopause] Donát J. **Cesk Gynekol** 1984 Dec;49(10):760-2 **(Cze)**

[Prevention of postmenopausal bone loss] Birkenhäger JC. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):100-5 (54 ref.) **(Dut)**

[Increase of the nucleocytoplasmic ratio in cells of the uterine exocervix after menopause. Morphometric analysis] Letaief SE, et al. **Arch Anat Cytol Pathol** 1985;33(2):80-2 (Eng. Abstr.) **(Fre)**

[Risk of vertebral fracture after menopause: identification of subjects at high risk by dual photon absoprtionometry] Coutris G, et al. **Biomed Pharmacother** 1985;39(1):35-9 (Eng. Abstr.) **(Fre)**

[Comparison of the effects of orally or percutaneously administered estradiol on carbohydrates and lipids after the menopause] Barrat J, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(6):621-7 (Eng. Abstr.) **(Fre)**

[Preservation of the ovaries in peri-menopause] Trevoux R, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984; 13(4):375-80 (Eng. Abstr.) **(Fre)**

[Should menopause be treated?] Mauvais-Jarvis P. **Presse Med** 1985 Feb 16;14(7):399-400 **(Fre)**

[Estrogenic vaginal creams and calciuria in postmenopausal women] Blum M, et al. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):571-3 (Eng. Abstr.) **(Fre)**

[Psychological aspects of the menopause: the gynecologist's viewpoint] Brun JP. **Rev Fr Gynecol Obstet** 1985 Mar; 80(4):195-8 (Eng. Abstr.) **(Fre)**

[Etiology of perimenopausal organic hemorrhages of uterine origin] Delarue T, et al. **Rev Fr Gynecol Obstet** 1984 Oct; 79(10):593-601 (Eng. Abstr.) **(Fre)**

[The menopause and bone metabolism] Delmas PD. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):237-40 (Eng. Abstr.) **(Fre)**

[Treatment of the menopause: estrogens and breast cancer] Gorins A. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):211-4 (Eng. Abstr.) **(Fre)**

[The osteoporosis disease in menopausal women. Physiopathology and therapeutic impact] Meunier PJ. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):205-7 (Eng. Abstr.) **(Fre)**

[Physiopathology of the menopause] Mornex R. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):187-90 (Eng. Abstr.) **(Fre)**

[How does one confirm the definitive character of the menopause on a clinical basis] Nahmanovici C. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):183-6 (Eng. Abstr.) **(Fre)**

[Physiopathology of the menopause] Richet AI, et al. **Rev Fr Gynecol Obstet** 1985 Feb 28;80(3):147-51 (Eng. Abstr.) **(Fre)**

[The menopause and vascular risk] Rozenbaum H. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):231-4 (Eng. Abstr.) **(Fre)**

[The experience of the menopause] Vagogne A. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):191-4 (Eng. Abstr.) **(Fre)**

[Postmenopausal bleeding following the application of an estrogen-containing hair lotion--concomitant endocrine changes] Emons G, et al. **Geburtshilfe Fraunheilkd** 1984 Jul;44(7):460-2 (Eng. Abstr.) **(Ger)**

[A transdermal therapeutic estradiol system for physiological hormone substitution in the menopause] Schenkel L. **Schweiz Rundsch Med Prax** 1985 Mar 12;74(11):277-82 (Eng. Abstr.) **(Ger)**

[Is cryosurgery as alternative treatment procedure for recurrent hyperplasia of the endometrium in perimenopause to be considered?] Wichljajeva EM, et al. **Zentralbl Gynakol** 1985;107(14):869-77 (Eng. Abstr.) **(Ger)**

[Oral contraceptives and menopausal estrogens in relation to breast neoplasia] Brzezinski A, et al. **Harefuah** 1983 Jun; 104(11-12):520-3 **(Heb)**

[Incident pain from collapsed vertebrae in the menopause. The logical principle of our therapeutic protocol] Mocavero G, et al. **Minerva Anestesiol** 1984 Nov; 50(11):573-6 (Eng. Abstr.) **(Ita)**

[Serum hormone level and Kupperman menopausal complaints in sexually mature women with disturbance of ovulation] Kano T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):31-7 (Eng. Abstr.) **(Jpn)**

[Vegetative indicators in flushing in the climacteric syndrome] Il'ina EM. **Akush Ginekol (Mosk)** 1984 Aug; (8):52-6 (Eng. Abstr.) **(Rus)**

[State of the ACTH-adrenal cortex system in the physiological and pathological course of the climacteric] Smetnik VP, et al. **Akush Ginekol (Mosk)** 1984 Aug; (8):56-8 (Eng. Abstr.) **(Rus)**

[The most frequent sequelae of chronic alcoholism in women in the reproductive years] Mošković S, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):223-8 (Eng. Abstr.) **(Scc)**

[Histomorphology of the human ovary in postmenopause] Války J. **Bratisl Lek Listy** 1984 Jul;82(1):806-10 (Eng. Abstr.) **(Slo)**

[Endocrinomorphologic correlation of the ovary in menopause] González Guerra OV, et al. **Ginecol Obstet Mex** 1984 Sep;52(329):227-30 (Eng. Abstr.) **(Spa)**

[Calcitonin deficiency in postmenopausal osteoporosis] Galán Galán F, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):221-4 (Eng. Abstr.) **(Spa)**

[Empty sella turcica associated with Addison's disease and early menopause] Ortega Lacuesta V, et al. **Med Clin (Barc)** 1984 Oct 27;83(13):547-9 (Eng. Abstr.) **(Spa)**

[Adipose tissue metabolism in the menopause] Chiappe de Cingolani GE, et al. **Medicina (B Aires)** 1984;44(1):29-33 (Eng. Abstr.) **(Spa)**

[The endocrinology of menopause] Cook ID. **Rev Chil Obstet Ginecol** 1980;45(2):103-4 **(Spa)**

[Climacteric problems in 52- and 54-year-old women in the municipality of Linköping] Berg G, et al. **Lakartidningen** 1985 Jun 12;82(24):2244-7 (Eng. Abstr.) **(Swe)**

DRUG EFFECTS

Serum alkaline phosphatase during hormone treatment in early postmenopausal women. A model for establishing optimal prophylaxis and treatment in postmenopausal osteoporosis. Christiansen C, et al. **Acta Med Scand** 1984; 216(1):11-7

The effect of estrogen therapy on somatic and psychical symptoms in postmenopausal women. Furuhjelm M, et al. **Acta Obstet Gynecol Scand** 1984;63(7):655-61

Conversion of oral progesterone into deoxycorticosterone during postmenopausal replacement therapy. Ottosson UB, et al. **Acta Obstet Gynecol Scand** 1984;63(7):577-9

Effect of long-term therapy with estrogen and progesterone on the endometrium of post-menopausal women. Varma TR. **Acta Obstet Gynecol Scand** 1985;64(1):41-6

Effect of natural estrogen on the serum level of follicle-stimulating hormone (FSH), estradiol and estrone in post-menopausal women and its effect on endometrium. Varma TR, et al. **Acta Obstet Gynecol Scand** 1985; 64(2):105-9

Estrogen-progestogen replacement in climacteric women, particularly as regards a new type of continuous regimen. Mattsson LA, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:53-8

Some anthropological aspects of the climacteric syndrome. Samsioe G, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985; 130:5-7

Continuous treatment with a combination of estrogen and gestagen--a way of avoiding endometrial stimulation. Clinical experiences with Kliogest. Staland B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:29-35

Estrogens around the menopause. Some metabolic aspects of clinical treatment. von Schoultz B. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:25-7

Differential symptom response to parenteral estrogen and/or androgen administration in the surgical menopause. Sherwin BB, et al. **Am J Obstet Gynecol** 1985 Jan 15; 151(2):153-60

High-dose human menopausal gonadotropin therapy for successful ovulation induction for in vitro fertilization in perimenopausal women. Friberg J, et al. **Ann NY Acad Sci** 1985;442:168-77

The effect of glucocorticoids on bone mass in rheumatoid arthritis patients. Influence of menopausal state. Als OS, et al. **Arthritis Rheum** 1985 Apr;28(4):369-75

Peripheral vasomotor control and menopausal flushing--a preliminary report. Brincat M, et al. **Br J Obstet Gynaecol** 1984 Nov;91(11):1107-10

Minimal effect of alcohol ingestion on breathing during the sleep of postmenopausal women. Block AJ, et al. **Chest** 1985 Aug;88(2):181-4

Benefits of vaginal estriol cream combined with clonidine HCL for menopausal syndrome treatment. Blum M. **Clin Exp Obstet Gynecol** 1985;12(1-2):1-2

Hot flashes in postmenopausal women ameliorated by danazol. Foster GV, et al. **Fertil Steril** 1985 Mar; 43(3):401-4

Relative fatty acid composition of lecithin during postmenopausal replacement therapy--a comparison between ethinyl estradiol and estradiol valerate. Ottosson UB, et al. **Gynecol Obstet Invest** 1984;18(6):296-302

Menopausal hormone replacement. Piziak VK, et al. **Hosp Pract [Off]** 1985 Feb 15;20(2):82GG, 82HH, 82II passim (21 ref.)

Hormone replacement therapy in perimenopausal women with a triphasic contraceptive compound: a three-year prospective study. Shargil AA. **Int J Fertil** 1985;30(1):15, 18-28

Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. Barnes RB, et al. **Obstet Gynecol** 1985 Aug;66(2):216-9

Amenorrhea and endometrial atrophy with continuous oral estrogen and progestogen therapy in postmenopausal women. Magos AL, et al. **Obstet Gynecol** 1985 Apr; 65(4):496-9

Effects of estrogen therapy on vaginal physiology during menopause. Semmens JP, et al. **Obstet Gynecol** 1985 Jul; 66(1):15-8

Should postmenopausal women be given estrogen? Haber RJ. **West J Med** 1985 May;142(5):672-7

[Agreal: clinical experience. Review of the literature] Brient-Clabaux J. **Rev Fr Gynecol Obstet** 1985 Feb 28; 80(3):143-6 (Eng. Abstr.) **(Fre)**

[Agreal: its acceptibility. Review of the literature] Brient-Clabaux J. **Rev Fr Gynecol Obstet** 1985 Feb 28; 80(3):167-70 (Eng. Abstr.) **(Fre)**

[Efficacy and clinical and biological tolerance of long-term veralipride administration. Apropos of 74 case reports] Dargent D, et al. **Rev Fr Gynecol Obstet** 1985 Feb 28; 80(3):171-3 (Eng. Abstr.) **(Fre)**

[The role of Agreal in the treatment of the menopause] Marais C. **Rev Fr Gynecol Obstet** 1985 Feb 28;80(3):156-62 (Eng. Abstr.) **(Fre)**

[Tolerance to veralipride administered for an extended time] Milliez J. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):27-8, 31 (Eng. Abstr.) **(Fre)**

[Veralipride in the treatment of hot flushes in the menopause] Pasetto N, et al. **Rev Fr Gynecol Obstet** 1985 Feb 28; 80(3):163-5 (Eng. Abstr.) **(Fre)**

[Thoughts on long-term estrogen substitution--should gynecologists change their mind?] Völker W, et al. **Geburtshilfe Frauenheilkd** 1985 May;45(5):326-32 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of non-hormonal therapy of the menopausal syndrome] Piccione E, et al. **Clin Ter** 1984 Nov 30;111(4):359-65 (29 ref.) (Eng. Abstr.) **(Ita)**

[The effect of cyclofenil on atypical functional patterns of the hypothalamo-hypophyseo-thyroid axis encountered in postmenopausal women] Custro N, et al. **Minerva Endocrinol** 1984 Jan-Mar;9(1):37-45 (Eng. Abstr.) **(Ita)**

MENOPAUSE, PREMATURE see under **MENOPAUSE**

MENORRHAGIA

Unexplained menorrhagia: problems with management. Oronsaye AU, et al. **Asia Oceania J Obstet Gynaecol** 1985 Jun;11(2):177-81

Dysfunctional uterine bleeding in ovulatory women. Strickler RC. **Postgrad Med** 1985 Jan;77(1):235-7, 240-3, 246

BLOOD

[Alpha 2-glucoprotein content in normal menstrual cycle and dysfunctional uterine hemorrhages] Rotkina IE, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):74-5 **(Rus)**

COMPLICATIONS

[The breast in patients with uterine myoma and dysfunctional uterine hemorrhage examined by the thermovision method] Ovanesian DR. **Sov Med** 1984;(9):104-7 **(Rus)**

DRUG THERAPY

Use of a superactive luteinizing hormone releasing hormone (LHRH) agonist in the treatment of menorrhagia. Shaw RW, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):913-6

Treatment of IUD related menorrhagia by indomethacin. Yarkoni S, et al. **Clin Exp Obstet Gynecol** 1984;11(4):120-2

Effects of Tripterygium wilfordii on the menstruation of 50 patients suffering from rheumatoid arthritis--with a summary of its therapeutic effects in 12 cases of menorrhagia. Shu HY, et al. **J Tradit Chin Med** 1984 Sep; 4(3):237-40

ETIOLOGY

Acute and severe menorrhagia due to cervical artery damage. Fraser IS, et al. **Aust NZ J Obstet Gynaecol** 1984 Aug; 24(3):223-4

[Complications and failures of using intrauterine contraceptive devices] Botiuk K. **Ginekol Pol** 1985 Jan; 56(1):5-8 (Eng. Abstr.) **(Pol)**

METABOLISM

The relationship between menstrual blood loss and prostaglandin production in the human: evidence for increased availability of arachidonic acid in women suffering from menorrhagia. Kelly RW, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):69-78

THERAPY

Management of menorrhagia [editorial] Noble AD. **Br Med J [Clin Res]** 1985 Aug 3;291(6491):296-7

Management of menstrual disorders in adolescence [clinical conference] Meeks GR. **J Miss State Med Assoc** 1984 Dec; 25(12):333-5

Menorrhagia. A symposium. Mishell DR Jr, et al. **J Reprod Med** 1984 Oct;29(10 Suppl):763-82

MENOTROPINS

Stability of reconstituted menotropins [letter] Vogenberg FR, et al. **Am J Hosp Pharm** 1985 Jul;42(7):1510

ADMINISTRATION & DOSAGE

Comparison of the outcome of ovulation induction therapy in an in vitro fertilization program employing a low-dose and an individually adjusted high-dose schedule of human menopausal gonadotropins. Yuen BH, et al. **Am J Obstet Gynecol** 1985 Jan 15;151(2):172-5

The significance of the ratio in follicle-stimulating hormone and luteinizing hormone in induction of multiple follicular growth. Bernardus RE, et al. **Fertil Steril** 1985 Mar; 43(3):373-8

Selection of superior stimulation protocols for follicular development in a program for in vitro fertilization. Diamond MP, et al. **Fertil Steril** 1985 Feb;43(2):251-4

Diagnosis-specific serum 17 beta-estradiol (E2) upper limits for treatment with menotropins using a 125I direct E2 assay. Haning RV Jr, et al. **Fertil Steril** 1984 Dec; 42(6):882-9

The combination of follicle-stimulating hormone and human menopausal gonadotropin for the induction of multiple follicular maturation for in vitro fertilization. Muasher SJ, et al. **Fertil Steril** 1985 Jul;44(1):62-9

Sequential use of clomiphene citrate, human menopausal gonadotropin, and human chorionic gonadotropin in human in vitro fertilization. I. Follicular growth and oocyte suitability. Plachot M, et al. **Fertil Steril** 1985 Feb; 43(2):255-62

Preliminary experience with a combination of clomiphene and variable dosages of menopausal gonadotropins for enhanced follicular recruitment. Quigley MM, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):11-6

Use of human urinary follicle-stimulating hormone in infertile women with polycystic ovaries. Flamigni C, et al. **J Reprod Med** 1985 Mar;30(3):184-8

[Induction of ovulation with subcutaneous pulsatile administration of human menopausal gonadotropin] Nakamura Y, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jul; 37(7):1169-76 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Severe ovarian hyperstimulation following follicular aspiration. Friedman CI, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):436-7

Ovarian hyperstimulation syndrome following ovulation induction with human menopausal gonadotropin. Tulandi T, et al. **Int J Fertil** 1984;29(2):113-7

Coexistent complete hydatidiform mole and fetus after therapy with human menopausal gonadotropin. A case report. Zbella EA, et al. **J Reprod Med** 1984 Oct; 29(10):760-2

Maternal serum progesterone, 17 beta-estradiol and estriol are increased in pregnancies which follow treatment with human menopausal gonadotropins: effects of multiple gestation and maternal endocrine status. Haning RV Jr, et al. **J Steroid Biochem** 1985 Jun;22(6):823-9

Pathophysiology of the ovarian hyperstimulation syndrome. Haning RV Jr, et al. **Obstet Gynecol** 1985 Aug;66(2):220-4

Ovarian hyperstimulation syndrome. A case report. Moodley TR, et al. **S Afr Med J** 1985 Aug 31;68(5):336-7

PHARMACODYNAMICS

The use of pure FSH alone or in combination for ovulation stimulation in in vitro fertilization. Acosta AA, et al. **Acta Eur Fertil** 1985 Mar-Apr;16(2):81-99

Altered follicular development in clomiphene citrate versus human menopausal gonadotropin-stimulated cycles for in vitro fertilization. Dlugi AM, et al. **Fertil Steril** 1985 Jan; 43(1):40-7

Timing and frequency of artificial insemination in women under menotropin therapy. Kemmann E, et al. **Fertil Steril** 1985 Aug;44(2):271-3

Correlation of follicular fluid volume with oocyte morphology from follicles stimulated by human menopausal gonadotropin. Simonetti S, et al. **Fertil Steril** 1985 Aug;44(2):177-80

Effect of human menopausal gonadotropin and follicle regulatory protein(s) on 3 beta-hydroxysteroid dehydrogenase in human granulosa cells. Battin DA, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1116-9

Human menopausal gonadotropin/human chorionic gonadotropin-induced ovarian hyperstimulation with transient hyperprolactinemia: steroidogenesis enhanced during bromocriptine therapy in monkeys. Collins RL, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):727-33

17 beta-estradiol and progesterone production by human granulosa-luteal cells isolated from human menopausal gonadotropin-stimulated cycles for in vitro fertilization. Dlugi AM, et al. **J Clin Endocrinol Metab** 1984 Nov; 59(5):986-92

Human in vitro fertilization employing individualized ovulation induction by human menopausal gonadotropins. Laufer N, et al. **J In Vitro Fert Embryo Transfer** 1984 Mar; 1(1):56-62

Follicular-phase response in two clomiphene-human menopausal gonadotropin regimes for an in vitro fertilization program. Ng SC, et al. **J In Vitro Fert Embryo Transfer** 1985 Jun;2(2):94-8

Role of dehydroepiandrosterone sulfate as a prehormone for ovarian steroidogenesis. Haning RV Jr, et al. **Obstet Gynecol** 1985 Feb;65(2):199-205

[Experimental study of the pathomorphological changes of the ovary associated with exogenous gonadotropin administration] Hidaka S. **Igaku Kenkyu** 1984 Apr; 54(3):221-34 (Eng. Abstr.) **(Jpn)**

[The response of ovarian function to HMG-HCG and bromocriptine therapies in hyperprolactinemic patients] Matsuoka M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 May 20;60(5):647-58 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

The importance of the FSH/LH ratio in ovarian stimulation therapy regime for in vitro fertilization. Bhat AM, et al. **Acta Eur Fertil** 1984 Nov-Dec;15(6):449-53

Application of rapid and simultaneous measurement of sex steroid hormones to the monitoring of gonadotropin therapy. Hayata K, et al. **Acta Med Okayama** 1985 Jun; 39(3):161-70

Ovarian stimulation regimens in an in vitro fertilization program: a comparative analysis. Bayly CM, et al. **Ann NY Acad Sci** 1985;442:123-7

High-dose human menopausal gonadotropin therapy for successful ovulation induction for in vitro fertilization in perimenopausal women. Friberg J, et al. **Ann NY Acad Sci** 1985;442:168-77

The luteal phase after hyperstimulation for in vitro fertilization. Gronow MJ, et al. **Ann NY Acad Sci** 1985; 442:391-401

An analysis of endocrine indices that may identify conceptual cycles prospectively in an in vitro fertilization program. McBain JC, et al. **Ann NY Acad Sci** 1985;442:140-5

Use of various ovarian stimulation methods to improve oocyte and embryo production for human in vitro fertilization. Marrs RP, et al. **Ann NY Acad Sci** 1985; 442:112-8

Comparative effect of clomiphene and clomiphene/hMG on the preovulatory follicles and fertilizability of the oocyte. Testart J, et al. **Ann NY Acad Sci** 1985;442:128-39

Improvement of spermatogenesis by hCG and hMG treatment in pubertal boys with history of orchiopexy at early childhood. Okuyama A, et al. **Arch Androl** 1984;12 Suppl:29-33

Induction of ovulation with human menopausal gonadotrophin. Ho PC, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):325-31

Comparative study of total urinary oestrogen and first morning urinary oestrogen in monitoring gonadotrophin therapy. Tang GW, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):280-2

Successful treatment of infertile women with oligomenorrhoea using a combination of an LHRH agonist and exogenous gonadotrophins. Fleming R, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):369-73

The use of pergonal for the induction of ovulation. March CM. **Clin Obstet Gynecol** 1984 Dec;27(4):966-74

The use of ovulation-inducing agents in in-vitro fertilization. Quigley MM. **Clin Obstet Gynecol** 1984 Dec;27(4):983-92

Oestrogen measurement to predict multiple pregnancy from gonadotrophin therapy in amenorrhoea. Hull MG, et al. **Clin Reprod Fertil** 1985 Mar;3(1):49-55

Excretion of total estrogens and estrone-3-glucuronide during treatment with human menopausal gonadotropins. Frenkel Y, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jul;20(1):27-33

Results of HMG (Humegon)-HCG therapy in 6096 treatment cycles of 2166 Japanese women with anovulatory infertility. Kurachi K, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan;19(1):43-51

Isolated follicle-stimulating hormone deficiency in men: successful long-term gonadotropin therapy. Al-Ansari AA, et al. **Fertil Steril** 1984 Oct;42(4):618-26

Ovulation induction in hypergonadotropic amenorrhea with estrogen and human menopausal gonadotropin therapy. Check JH, et al. **Fertil Steril** 1984 Dec;42(6):919-22

Outcome of successive cycles of ovulation induction in the same individual. Diamond MP, et al. **Fertil Steril** 1985 Mar; 43(3):369-72

The effect of follicle-stimulating hormone without additional luteinizing hormone on follicular stimulation and oocyte development in normal ovulatory women. Jones GS, et al. **Fertil Steril** 1985 May;43(5):696-702

Asynchronous ovulation in human menopausal gonadotropin induction of ovulation for in vitro fertilization. Navot D, et al. **Fertil Steril** 1984 Nov;42(5):806-7

Refractoriness to gonadotropin therapy: how to distinguish ovarian failure versus pseudoovarian resistance caused by neutralizing antibodies. Platia MP, et al. **Fertil Steril** 1984 Nov;42(5):779-84

Ovulation induction in polycystic ovary syndrome with urinary follicle-stimulating hormone or human menopausal gonadotropin. Seibel MM, et al. **Fertil Steril** 1985 May; 43(5):703-8

Ultrasonographic and clinical correlates of menotropin versus sequential clomiphene citrate: menotropin therapy for induction of ovulation. Tal J, et al. **Fertil Steril** 1985 Sep; 44(3):342-9

The effect of different methods of ovarian stimulation for human in vitro fertilization and embryo replacement. Vargyas JM, et al. **Fertil Steril** 1984 Nov;42(5):745-9

Transient hyperprolactinaemia in human menopausal gonadotropin induction of ovulation. Tang GW, et al. **Int J Fertil** 1984;29(3):136-40

Ovulation induction in clomiphene-resistant anovulatory women: differential follicular response to purified urinary follicle-stimulating hormone (FSH) versus purified urinary FSH and luteinizing hormone. Hoffman DI, et al. **J Clin Endocrinol Metab** 1985 May;60(5):922-7

Male hypogonadotropic hypogonadism: factors influencing response to human chorionic gonadotropin and human menopausal gonadotropin, including prior exogenous androgens. Ley SB, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):746-52

The day of initiation of human menopausal gonadotropin stimulation affects follicular growth in in vitro fertilization cycles. Dlugi AM, et al. **J In Vitro Fert Embryo Transfer** 1985 Mar;2(1):33-40

Drugs that induce ovulation. **Med Lett Drugs Ther** 1985 Sep 27;27(697):82-4

Elevated serum relaxin levels in multiple pregnancy after menotropin treatment. Haning RV Jr, et al. **Obstet Gynecol** 1985 Jul;66(1):42-5

Induction of ovulation with gonadotrophins--a ten year review. West CP, et al. **Scott Med J** 1984 Oct;29(4):212-7

[In vitro fertilization and embryo transfer in gonadotropin-stimulated cycles] Mettler L, et al. **Fortschr Med** 1985 Mar 14;103(10):253-8 (Eng. Abstr.) **(Ger)**

[Monitoring of follicles by ultrasonography during induction with HMG-HCG treatment--especially on the prevention of side effects] Ishimaru T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May;37(5):721-9 (Eng. Abstr.) **(Jpn)**

MENSTRUAL CYCLE

Serum sex hormone-binding globulin during puberty in girls and in different types of adolescent menstrual cycles. Apter D, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):413-9

The sterile menstrual cycle. The driving force behind pathology in the reproductive organs. Johansson ED. **Acta Obstet Gynecol Scand [Suppl]** 1984;123:147-50

Neuroendocrinology and the ovulation cycle--advances and review. Schnatz PT. **Adv Psychosom Med** 1985;12:4-24

Psychoendocrinology and the menstrual cycle. Youngs DD, et al. **Adv Psychosom Med** 1985;12:25-34

Blood alcohol levels as a function of menstrual cycle phase in female macaque monkeys. Mello NK, et al. **Alcohol** 1984 Jan-Feb;1(1):27-31

Binding of estrogen and progesterone to human endometrium in the different phases of the menstrual cycle. A histochemical study. Bergqvist A, et al. **Am J Clin Pathol** 1985 Apr;83(4):444-9

Human endometrial prostaglandin E2 binding sites and their profiles during the menstrual cycle and in pathologic states. Hofmann GE, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):369-75

Erythrocyte concentrations and transmembrane fluxes of sodium and potassium and biochemical measurements during the menstrual cycle in normal women. M'Buyamba-Kabangu JR, et al. **Am J Obstet Gynecol** 1985 Mar 1;151(5):687-93

Diffusable proteins of the mucosa of the human cervix, uterus, and fallopian tubes: distribution and variations during the menstrual cycle. Tauber PF, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1115-25

Menstrual cycle phase and time of day alter reference signal controlling arm blood flow and sweating. Stephenson LA, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R186-91

Menstrual patterns in adolescent Swiss girls: a longitudinal study. Flug D, et al. **Ann Hum Biol** 1984 Nov-Dec; 11(6):495-508

Validity of the Mellits and Cheek method for body-fat estimation in relation to menstrual cycle status in athletes and non-athletes below 22 per cent fat. Katch FI, et al. **Ann Hum Biol** 1984 Sep-Oct;11(5):389-96

Placental proteins in the normal menstrual cycle, in occult pregnancy and in early normal pregnancy in the same subject. Ahmed AG, et al. **Arch Gynecol** 1984;236(2):123-6

Intracellular concentration and transmembrane fluxes of sodium and potassium in erythrocytes of normal men and women. M'Buyamba-Kabangu JR, et al. **Arch Gynecol** 1985;236(4):219-24

A note on menstruation and hospital admission date of intoxicated women. Shen WW. **Biol Psychiatry** 1984 Jul; 19(7):113[illegible]-6

The pattern of serum levels of pregnancy-associated plasma protein A (PAPP-A) during the ovulatory menstrual cycle. Bersinger N, et al. **Br J Obstet Gynaecol** 1984 Dec; 91(12):1245-8

Pregnancy-associated plasma protein-A (PAPP-A): concentration in uterine fluid and immunohistochemical localization in the endometrium. Bischof P, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):863-9

The normal menstrual cycle has no effect on gastric emptying. Horowitz M, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):743-6

Hormonal studies in women with premenstrual tension. Watts JF, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):247-55

Aqueous humour turnover and intraocular pressure during menstruation. Green K, et al. **Br J Ophthalmol** 1984 Oct; 68(10):736-40

Altered responses of prolactin, luteinizing hormone and follicle stimulating hormone secretion to thyrotrophin releasing hormone/gonadotrophin releasing hormone stimulation in cyclical mastalgia. Kumar S, et al. **Br J Surg** 1984 Nov;71(11):870-3

Variation in natural killer activity in peripheral blood during the menstrual cycle. Sulke AN, et al. **Br Med J [Clin Res]** 1985 Mar 23;290(6472):884-6

Do regular ovulatory cycles increase breast cancer risk? Henderson BE, et al. **Cancer** 1985 Sep 1;56(5):1206-8

Release of prolactin, thyrotropin, and growth hormone in women with cyclical mastalgia and fibrocystic disease of the breast. Watt-Boolsen S, et al. **Cancer** 1985 Aug 1; 56(3):500-2

Comparative study of nursing mothers in Africa (Zaire) and in Europe (Sweden): breastfeeding behaviour, nutritional status, lactational hyperprolactinaemia and status of the menstrual cycle. Hennart P, et al. **Clin Endocrinol (Oxf)** 1985 Feb;22(2):179-87

Endocrinology of the menstrual cycle. Archer DF. **Clin Obstet Gynecol** 1984 Dec;27(4):919-26

The endocrinological profile of normal menstrual cycles in a population of Chinese women. Xiao BL, et al. **Contraception** 1985 Mar;31(3):217-30

The corpus luteum of the primate menstrual cycle is capable of recovering from a transient withdrawal of pituitary gonadotropin support. Hutchison JS, et al. **Endocrinology** 1985 Sep;117(3):1043-9

Menstrual cycle patterns and the risk of breast disease. La Vecchia C, et al. **Eur J Cancer Clin Oncol** 1985 Apr; 21(4):417-22

Endogenous opioid peptides and the control of the menstrual cycle. Ferin M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Dec;18(5-6):365-73 (26 ref.)

Lipid composition of serum lipoproteins in relation to gonadal hormones during the normal menstrual cycle. Mattsson LA, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Jul;17(5):327-35

Variations in serum lipids and lipoproteins throughout the menstrual cycle. Ahumada Hemer H, et al. **Fertil Steril** 1985 Jul;44(1):80-4

Cyclic changes in ciliation, cell height, and mitotic activity in human tubal epithelium during reproductive life. Donnez J, et al. **Fertil Steril** 1985 Apr;43(4):554-9

Cyclic changes in human endometrial surface glycoproteins: a quantitative histochemical study. Jansen RP, et al. **Fertil Steril** 1985 Jul;44(1):85-91

The role of endogenous opioid peptides in control of the menstrual cycle. Jewelewicz R. **Fertil Steril** 1984 Nov; 42(5):683-5

Plasma beta-endorphin and the menstrual cycle. Laatikainen T, et al. **Fertil Steril** 1985 Aug;44(2):206-9

Variability of ovarian follicular growth in natural menstrual cycles. Rossavik IK, et al. **Fertil Steril** 1985 Aug; 44(2):195-9

Characteristics of menstruation in sickle cell disease. Samuels-Reid J, et al. **Fertil Steril** 1985 Jan;43(1):139-41

An estrogen test to determine the times of potential fertility in women. Schiphorst LE, et al. **Fertil Steril** 1985 Sep; 44(3):328-34

Cytological changes in human oviduct epithelium during the menstrual cycle. Martinek J. **Folia Morphol (Praha)** 1984; 32(4):398-402

Sex steroid hormones influence the cAMP content in human endometrium during the menstrual cycle. Pansini F, et al. **Gynecol Obstet Invest** 1984;18(4):174-7

The menstrual cycle and punitiveness. Spencer SW, et al. **Health Psychol** 1984;3(2):143-55

Increased sexual activity during the midcycle portion of the human menstrual cycle. Matteo S, et al. **Horm Behav** 1984 Sep;18(3):249-55

Relationship of the menstrual cycle and thyroid hormones to whole-body protein turnover in women. Garrel DR, et al. **Hum Nutr Clin Nutr** 1985 Jan;39(1):29-37

Cyclical variations in ovarian neoplastic mucins. Nirmala V, et al. **Indian J Med Res** 1984 May;79:641-6

Serum prolactin profiles of normal human conceptual cycles. Adejuwon CA, et al. **Int J Gynaecol Obstet** 1984 Jun; 22(3):213-6

A hyperprolactinemic woman with regular ovulatory menstrual cycles. Miyakawa I, et al. **Int J Gynaecol Obstet** 1985 Apr;23(2):101-3

Sonographic criteria of phasic changes in human endometrial tissue. Sakamoto C. **Int J Gynaecol Obstet** 1985 Feb; 23(1):7-12

Reproductive hormone profiles in regularly menstruating Sudanese women. El Sheikh MA, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):243-9

Human endometrium and endometriotic tissue obtained simultaneously: a comparative histological study. Bergqvist A, et al. **Int J Gynecol Pathol** 1984;3(2):135-45

beta-Endorphin withdrawal: a possible cause of premenstrual tension syndrome. Giannini AJ, et al. **Int J Psychophysiol** 1984 Jun;1(4):341-3

Defects in pulsatile LH release in normally menstruating runners. Cumming DC, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):810-2

Effects of neutralization of luteinizing hormone on corpus luteum function and cyclicity in Macaca fascicularis. Groff TR, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1054-7

Characterization of a large molecular weight prolactin in women with idiopathic hyperprolactinemia and normal menses. Jackson RD, et al. **J Clin Endocrinol Metab** 1985 Aug;61(2):258-64

The influence of dieting on the menstrual cycle of healthy young women. Pirke KM, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1174-9

Menstrual variation of normal breast NMR relaxation parameters. Nelson TR, et al. **J Comput Assist Tomogr** 1985 Sep-Oct;9(5):875-9

Menstrual cycle and exposure to oestrogens unopposed by progesterone: relevance to studies on breast cancer incidence. Metcalf MG, et al. **J Endocrinol** 1985 Jan; 104(1):137-41

Ultrasound scanning of the ovarian cycle. Hackelöer BJ. **J In Vitro Fert Embryo Transfer** 1984 Dec;1(4):217-20

Luteinizing hormone and gonadal steroid levels during the menstrual cycle of orangutans. Nadler RD, et al. **J Med Primatol** 1984;13(6):305-14

Salivary concentrations of steroid hormones in males and in cycling and postmenopausal females with and without periodontitis. Vittek J, et al. **J Periodont Res** 1984 Sep; 19(5):545-55

Hormones, behaviour and the menstrual cycle. Clare AW. **J Psychosom Res** 1985;29(3):225-33

Sex differences in cardiovascular stress responses: modulation as a function of menstrual cycle phases. Hastrup JL, et al. **J Psychosom Res** 1984;28(6):475-83

Cyclic changes in phospholipid content and composition in human endometrium during the menstrual cycle. Montané JL, et al. **J Reprod Fertil** 1985 Mar;73(2):317-21

Early evening prolactin rise in women with regular cycles. Tennekoon KH, et al. **J Reprod Fertil** 1985 Mar;73(2):523-7

Influence of menstrual cycle variations on natural killer cytotoxicity and antibody-dependent cellular cytotoxicity to cells infected with herpes simplex virus. Gonik B, et al. **J Reprod Med** 1985 Jun;30(6):493-6

Physiological response from 18-25 years women to aerobic and anaerobic physical fitness tests at different periods during the menstrual cycle. De Bruyn-Prevost P, et al. **J Sports Med Phys Fitness** 1984 Jun;24(2):144-8

17 beta-hydroxysteroid dehydrogenase activity in leiomyoma and myometrium and its relationship to concentrations of oestrone, oestradiol and progesterone throughout the menstrual cycle. Newton CJ, et al. **J Steroid Biochem** 1985 Apr;22(4):487-93

Estrone sulfatase activity in the human brain and estrone sulfate levels in the normal menstrual cycle. Platia MP, et al. **J Steroid Biochem** 1984 Sep;21(3):237-41

Immunohistochemical assessment of estrogen receptor distribution in the human endometrium throughout the menstrual cycle. Press MF, et al. **Lab Invest** 1984 Nov; 51(5):495-503

Immunoreactive beta-endorphin is demonstrable in the secretory but not in the proliferative endometrium. Wahlström T, et al. **Life Sci** 1985 Mar 11;36(10):987-90

Premenstrual or postmenstrual syndrome? [editorial] Abraham S. **Med J Aust** 1984 Sep 15;141(6):327-8

Metabolic, endocrine, and reproductive changes of a woman channel swimmer. Frisch RE, et al. **Metabolism** 1984 Dec; 33(12):1106-11

The dynamic interaction between steroids and gonadotropins in the mammalian ovulatory cycle. Mahesh VB. **Neurosci Biobehav Rev** 1985 Summer;9(2):245-60 (137 ref.)

Changes in contact activation system during pregnancy, delivery and menstrual cycle. Soma H, et al. **Nippon Ketsueki Gakkai Zasshi** 1985 Feb;48(1):235-41

Relationships among premenstrual symptoms and menstrual cycle characteristics. Steege JF, et al. **Obstet Gynecol** 1985 Mar;65(3):398-402

The endometrium of infertility. A review. Dallenbach-Hellweg G. **Pathol Res Pract** 1984 Jul; 178(6):527-37

Changes of ventilation and ventilatory response to hypoxia during the menstrual cycle. Takano N. **Pflugers Arch** 1984 Nov;402(3):312-6

Sexual behavior frequency and biphasic ovulatory type menstrual cycles. Cutler WB, et al. **Physiol Behav** 1985 May;34(5):805-10

Age-, cycle- and topographic dependency of human myometrial prostaglandin (6-keto-PGF1 alpha, PGF2 alpha)-synthesis in vitro. Quaas L, et al. **Prostaglandins** 1985 May;29(5):739-45

An example of disavowal involving the menstrual cycle. Renik O. **Psychoanal Q** 1984 Oct;53(4):523-32

Menstrual cycle symptomatology: the role of social expectancy and experimental demand characteristics. AuBuchon PG, et al. **Psychosom Med** 1985 Jan-Feb; 47(1):35-45

The menstrual cycle and platelet 5-HT uptake. Tam WY, et al. **Psychosom Med** 1985 Jul-Aug;47(4):352-62

The 10-day rule: a misnomer. Mole RH. **Radiography** 1984 Sep-Oct;50(593):229-30

The hypothalamic control of the menstrual cycle and the role of endogenous opioid peptides. Ferin M, et al. **Recent Prog Horm Res** 1984;40:441-85 (129 ref.)

The regular menstrual cycle and athletic performance. Eston RG. **Sports Med** 1984 Nov-Dec;1(6):431-45 (106 ref.)

Premenstrual exacerbation of asthma. Gibbs CJ, et al. **Thorax** 1984 Nov;39(11):833-6

[Correlation between bioactive and immunoactive serum luteinizing hormones in the normal menstrual cycle] Shi SQ. **Chung Hua I Hsueh Tsa Chih** 1985 Mar;65(3):151-3 (Eng. Abstr.) **(Chi)**

[Deaths due to suicide and accidents in relation to menstrual cycle] Helweg-Larsen K, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):318-21 (Eng. Abstr.) **(Dan)**

[Rate of pregnancy in the treatment of sterility during spontaneous and therapy cycles] Bubenheim W, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):459-61 (Eng. Abstr.) **(Ger)**

[Hysteroscopic findings in the evaluation of the morphofunctional changes in the endometrium at various stages of the cycle] Durando C, et al. **Minerva Ginecol** 1984 Dec;36(12):787-9 (Eng. Abstr.) **(Ita)**

[Ventilatory responses to hypercapnia and hypoxia: the sexual difference and changes during the menstrual cycle] Takano N. **Kokyu To Junkan** 1985 Jan;33(1):17-23 **(Jpn)**

[Clinical evaluation of a cancer antigen CA 125 associated with ovarian cancer. (IV) Serum CA 125 levels through normal menstrual cycle and in benign diseases] Suzuki M, et al. **Rinsho Byori** 1985 Mar;33(3):285-8 **(Jpn)**

[Plasma copper levels during the menstrual cycle] Paprotny P, et al. **Ginekol Pol** 1984 Oct;55(10):757-64 (Eng. Abstr.) **(Pol)**

[Changes in buccal exfoliative cytology during the menstrual cycle in the fertile woman. An experimental study] Rodrigues Bento JM. **Rev Port Estomatol Cir Maxilofac** 1985 Jan-Mar;26(1):55-74 (Eng. Abstr.) **(Por)**

[Changes in the immunological indicators in the normal menstrual cycle] Mitrofanov NA, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):58-9 **(Rus)**

[Alpha 2-glucoprotein content in normal menstrual cycle and dysfunctional uterine hemorrhages] Rotkina IE, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):74-5 **(Rus)**

[Effect of the ovarian cycle on the blood supply to the extremities during loading] Plismane SO, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):430-4 **(Rus)**

[Radioimmunological study of the gonadotropic function of the pituitary in women during reestablishment of the menstrual cycle] Chemodanov VI, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):62-4 **(Rus)**

[Polyamine metabolism in different physiological states in women] Méndez JD, et al. **Ginecol Obstet Mex** 1984 May; 52(325):133-8 (Eng. Abstr.) **(Spa)**

[Steroidal regulation of the normal human oviduct] Devoto L, et al. **Rev Med Chil** 1984 Aug;112(8):821-5 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

The effect of a prostaglandin synthetase inhibitor on the hormonal profile and the endometrium in women. Landgren BM, et al. **Am J Obstet Gynecol** 1985 Feb 1; 151(3):361-8

A comprehensive dose-response study of clomiphene citrate for enhancement of the primate ovarian/menstrual cycle. Littman BA, et al. **Fertil Steril** 1985 Mar;43(3):463-70

Effect of intranasal administration of norethisterone and progesterone on pituitary and gonadal function in adult male and female bonnet monkeys (Macaca radiata). Moudgal RN, et al. **Fertil Steril** 1985 Jul;44(1):120-4

Human menopausal gonadotropin/human chorionic gonadotropin-induced ovarian hyperstimulation with transient hyperprolactinemia: steroidogenesis enhanced during bromocriptine therapy in monkeys. Collins RL, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):727-33

Effects of an antiprogesterone agent, RU-486, on the menstrual cycle of the rhesus monkey. Shortle B, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):731-5

Rationale for a triphasic oral contraceptive. Pasquale SA. **J Reprod Med** 1984 Jul;29(7 Suppl):560-7

[Echographic control of follicular growth to obtain human preovulatory ova in a stimulated cycle] Todorov I. **Akush Ginekol (Sofiia)** 1984;23(6):468-74 (Eng. Abstr.) **(Bul)**

[In vitro fertilization and embryo transfer in gonadotropin-stimulated cycles] Mettler L, et al. **Fortschr Med** 1985 Mar 14;103(10):253-8 (Eng. Abstr.) **(Ger)**

[Estradiol, luteinizing hormone, testosterone and sex hormone-binding globulin in the clomiphene-induced menstrual cycle] Huber H, et al. **Gynakol Rundsch** 1985; 25(1):23-30 **(Ger)**

[Regulation of menstruation with prostaglandins] Heinzl S. **Gynakologe** 1984 Sep;17(3):204-9 **(Ger)**

[Pregnancies caused by in vitro fertilization in cycles, stimulated with human hypophyseal gonadotropin and chorionic gonadotropin] Lisse K, et al. **Zentralbl Gynakol** 1984;106(22):1463-72 (Eng. Abstr.) **(Ger)**

MENSTRUAL CYCLE, FOLLICULAR PHASE see **FOLLICULAR PHASE**

MENSTRUAL CYCLE, LUTEAL PHASE see **LUTEAL PHASE**

MENSTRUAL PROLIFERATIVE PHASE see **MENSTRUAL CYCLE**

MENSTRUAL SECRETORY PHASE see **MENSTRUAL CYCLE**

MENSTRUATION

Effect of intrauterine devices on menstrual blood loss. Gao J, et al. **Acta Acad Med Wuhan** 1984;4(3):140-4

The relationship between prolactin, dehydroepiandrosterone sulphate and testosterone in normally menstruating females. Wathen NC, et al. **Acta Endocrinol (Copenh)** 1985 Jun; 109(2):173-5

Ultrasonic study of follicular maturation, ovulation and development of corpus luteum during normal menstrual cycles. Lenz S. **Acta Obstet Gynecol Scand** 1985;64(1):15-9

The hormonal situation in the perimenopausal period. Nilsson L. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:9-11

Sequential hormone measurements after menstrual regulation in normal Nigerian women. Osotimehin B, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):105-9

Secondary sexual characteristics and menstruation [letter] Buchta RM. **Am J Dis Child** 1984 Nov;138(11):1087

Influence of the menstrual cycle on Raynaud's phenomenon and on cold tolerance in normal women. Terregino CA, et al. **Angiology** 1985 Feb;36(2):88-95

Menstrual function and bone mass in elite women distance runners. Endocrine and metabolic features. Marcus R, et al. **Ann Intern Med** 1985 Feb;102(2):158-63

Effects of iron supplementation on serum ferritin and other hematological indices of iron status in menstruating women. Hercberg S, et al. **Ann Nutr Metab** 1985;29(4):232-8

Pregnancy-associated plasma protein-A (PAPP-A) in preovulatory, nonovulatory healthy, and atretic human ovarian follicles during the natural cycle. Westergaard L, et al. **Ann NY Acad Sci** 1985;442:205-11

The disease spectrum, epidemiology, and etiology of toxic-shock syndrome. Chesney PJ, et al. **Annu Rev Microbiol** 1984;38:315-38 (93 ref.)

Making sure: integrating menstrual care practices into activities of daily living. Patterson ET, et al. **ANS** 1985 Apr;7(3):18-31

Contribution to the pathogenesis of dysmenorrhea. Zahradnik HP, et al. **Arch Gynecol** 1984;236(2):99-108

Danazol (an antigonadotropin) in the treatment of catamenial pneumothorax. Uemura T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):81-6

Effects of the ovarian and contraceptive cycles on absolute thresholds, auditory fatigue and recovery from temporary threshold shifts at 4 and 6 kHz. Petiot JC, et al. **Audiology** 1984;23(6):581-98

Induction of relaxin secretion in rhesus monkeys by human chorionic gonadotropin: dependence on the age of the corpus luteum of the menstrual cycle. Ottobre JS, et al. **Biol Reprod** 1984 Dec;31(5):1000-6

A zonal pattern of cell proliferation and differentiation in the rhesus endometrium during the estrogen surge. Padykula HA, et al. **Biol Reprod** 1984 Dec;31(5):1103-18

Effects of the menstrual cycle on medical disorders. Magos A, et al. **Br J Hosp Med** 1985 Feb;33(2):68-77

Placental protein 12 (PP12) in menstrual fluid. Rutanen EM, et al. **Br J Obstet Gynaecol** 1984 Oct;91(10):1025-30

Association of vaginal smear cytology with menstrual status in breast cancer. Senie RT, et al. **Breast Cancer Res Treat** 1985;5(3):301-10

Fluctuations in mood and psychological distress during the menstrual cycle. O'Neil MK, et al. **Can J Psychiatry** 1984 Aug;29(5):373-8

Menstrual practices of the Amandebele people in the Essexvale area. McCalman I. **Cent Afr J Med** 1968 May;14(5):111

Catamenial hemoptysis. New methods of diagnosis and therapy. Elliot DL, et al. **Chest** 1985 May;87(5):687-8

Platelet alpha-2 adrenoceptors and the menstrual cycle. Sundaresan PR, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):337-42

Influence of the menstrual cycle on the gingival microcirculation. Kovař M, et al. **Czech Med** 1985;8(2):98-103

Effects of menstruation on work performance. Gamberale F. **Ergonomics** 1985 Jan;28(1):119-23

Beliefs of Orthodox Jewish girls about menstruation. Brooks MH. **Fam Pract** 1984 Jun;1(2):113-6

Characteristics of the menstrual cycle [letter] James WH. **Fertil Steril** 1984 Oct;42(4):662-3

Menstrual status and validation of body fat prediction in athletes. Loucks AB, et al. **Hum Biol** 1984 May;56(2):383-92

Peroxidase activities in human breast tumours in relation to menstrual status of the patients. Talukdar C, et al. **Indian J Med Res** 1984 Jun;79:801-5

Electro-cardiographic and serum electrolyte changes during menstrual cycle [letter] Datta S, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):167-9

Oral epithelial alkaline phosphatase in various phases of menstrual cycle. Tiwari BU, et al. **Indian J Physiol Pharmacol** 1984 Apr-Jun;28(2):149-52

Menstrual pattern and ovarian function in women with hyperprolactinemia. Bahamondes L, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):31-6

Menstrual pattern changes following minilap/Pomeroy, minilap/ring and laparoscopy/ring sterilization: a review of 5982 cases. Bhiwandiwala PP, et al. **Int J Gynaecol Obstet** 1984 Jun;22(3):251-6

The menstrual cycle from a bio-behavioral approach: a comparison of oral contraceptive and non-contraceptive users. Garrett KF, et al. **Int J Psychophysiol** 1984 Feb;1(2):209-14

Rhythmic changes of human female uroepithelial squamous cells during menstrual cycle. Transmission and scanning electron microscopic study. Zaviačič M, et al. **Int Urol Nephrol** 1984;16(4):301-9

Circatrigintan (30 +/- 5 d) variations of the cellular component of female urethral expulsion fluid. A biometrical study. Zaviačič M, et al. **Int Urol Nephrol** 1984;16(4):311-8

The relationships of calculated percent body fat, sports participation, age, and place of residence on menstrual patterns in healthy adolescent girls at an independent New England high school. Wilson C, et al. **J Adolesc Health Care** 1984 Oct;5(4):248-53

Teaching menstrual care to mentally retarded women: acquisition, generalization, and maintenance. Richman GS, et al. **J Appl Behav Anal** 1984 Winter;17(4):441-51

The effects on menstruation of elective tubal sterilization: a prospective controlled study. A report from the UK Field Research Centre of a WHO collaborative project. Bledin KD, et al. **J Biosoc Sci** 1985 Jan;17(1):19-30

Fat cell metabolism in different regions in women. Effect of menstrual cycle, pregnancy, and lactation. Rebuffe-Scrive M, et al. **J Clin Invest** 1985 Jun;75(6):1973-6

Depressed mononuclear cell phagocytic activity associated with menstruation. Stratton JA, et al. **J Clin Lab Immunol** 1984 Nov;15(3):127-31

Recovery of Staphylococcus aureus from multiple body sites in menstruating women. Lansdell LW, et al. **J Clin Microbiol** 1984 Sep;20(3):307-10

Twenty-four-hour prolactin secretory patterns in women with galactorrhea, normal menses, normal random prolacting levels and abnormal sellar tomograms. Kapcala LP, et al. **J Endocrinol Invest** 1984 Oct;7(5):455-60

Isotachophoretic analysis of bloodstains: differentiation of human, menstrual, bovine, and ovine bloods. Alsawaf K, et al. **J Forensic Sci** 1985 Jul;30(3):922-30

The effect of estradiol on human myelomonocytic cells. 1. Enhancement of colony formation. Maoz H, et al. **J Reprod Immunol** 1985 Jun;7(4):325-35

Intensity of jogging. Relationship with menstrual/reproductive variables. Estok PJ, et al. **JOGN Nurs** 1984 Nov-Dec;13(6):390-5

Gynaecological history, complaints and examinations in a middle-aged population. Hagstad A, et al. **Maturitas** 1985 Jul;7(2):115-28

Gynaecology of middle-aged women--menstrual and reproductive histories. Hagstad A, et al. **Maturitas** 1985 Jul;7(2):99-113

Menstruation, menstrual protection and menstrual cycle problems. The knowledge, attitudes and practices of young Australian women. Abraham S, et al. **Med J Aust** 1985 Feb 18;142(4):247-51

Bone mineral content and menstrual regularity in female runners. Linnell SL, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):343-8

Blood and total fluid content of menstrual discharge. Fraser IS, et al. **Obstet Gynecol** 1985 Feb;65(2):194-8

Congenital atresia of the lower vagina with regular menses through a fistula: a therapeutic approach. Rulin MC, et al. **Obstet Gynecol** 1985 Mar;65(3 Suppl):88S-90S

Fetal femur length: a critical reevaluation of the relationship to menstrual age. Warda AH, et al. **Obstet Gynecol** 1985 Jul;66(1):69-75

The relationship between menstrual blood loss and prostaglandin production in the human: evidence for increased availability of arachidonic acid in women suffering from menorrhagia. Kelly RW, et al. **Prostaglandins Leukotrienes Med** 1984 Oct;16(1):69-78

The salience and timing of the menstrual flow. Brooks-Gunn J. **Psychosom Med** 1985 Jul-Aug;47(4):363-71

The 10-day rule [letter] **Radiography** 1984 Sep-Oct;50(593):231-3

Pathogenesis and surgical therapy of migraine attacks caused by weather (Foehn) and menstruation. Novak VJ. **Rhinology** 1984 Sep;22(3):165-70

Effects of sterilization on menstruation. Foulkes J, et al. **South Med J** 1985 May;78(5):544-7

Painful crises and menstruation in sickle cell disease. Samuels-Reid J, et al. **South Med J** 1985 Apr;78(4):384-5

The role of prostaglandins in obstetrics/gynecology. Sherman AI. **Spec Top Endocrinol Metab** 1984;6:141-61 (79 ref.)

Menstrual patterns after female sterilization: variables predicting change. Cole LP, et al. **Stud Fam Plann** 1984 Sep-Oct;15(5):242-50

Examination of certain coagulation factors in menstrual fluid from women with normal blood loss. Cederholm-Williams SA, et al. **Thromb Haemost** 1984 Dec 29;52(3):224-5

Iron supplementation for menstruating female blood donors. Simon TL, et al. **Transfusion** 1984 Nov-Dec;24(6):469-72

The perpetuation of menstrual shame: implications and directions. McKeever P. **Women Health** 1984 Winter;9(4):33-47 (48 ref.)

[Determination of a factor VIII-related antigen in normal menstrual blood] Chen ZP. **Chung Hua Fu Chan Ko Tsa Chih** 1985 May;20(3):151-2, 190 (Eng. Abstr.) **(Chi)**

[Relation between menstrual, reproductive factors and pathogenesis of breast cancer] Wu GL. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):273-7 (Eng. Abstr.) **(Chi)**

[Changes in the reproductive hormone during the normal menstrual cycle in 41 Chinese women] Xiao BL. **Chung Hua I Hsueh Tsa Chih** 1984 Dec;64(12):728-31, 790 (Eng. Abstr.) **(Chi)**

[How does one confirm the definitive character of the menopause on a clinical basis] Nahmanovici C. **Rev Fr Gynecol Obstet** 1985 Mar;80(4):183-6 (Eng. Abstr.) **(Fre)**

[A new therapeutic approach to menstrual migraine] Rozenbaum H. **Rev Fr Gynecol Obstet** 1984 Jul-Sep;79(7-9):581-3 **(Fre)**

[Relation of age at menarche and fertility period to body composition as related to surface area. A hypothesis] Burmeister W. **Geburtshilfe Frauenheilkd** 1984 Nov;44(11):724-6 (Eng. Abstr.) **(Ger)**

[Titer variations in the rheumatoid factor reaction during the menstrual cycle. A contribution on the problem of the value of serologic data] Otto R, et al. **Immun Infekt** 1983 Nov;11(6):233-6 (Eng. Abstr.) **(Ger)**

[Catamenial pneumothorax] Saga T, et al. **Nippon Geka Hokan** 1985 Jan 1;54(1):36-8 (Eng. Abstr.) **(Jpn)**

[The effects of dopamine agonist (bromocriptine) on the secretion of pituitary gonadotropins and ovarian sex steroids in normally cycling women] Aisaka K, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1067-79 (Eng. Abstr.) **(Jpn)**

[Effect of menstrual bleeding on the physical fitness of women and the problem of using selected psychomotor parameters in the study of this effect] Brodziński W. **Wiad Lek** 1985 Jan 1;38(1):35-9 (35 ref.) (Eng. Abstr.) **(Pol)**

[Factor analysis of selected psychomotor indicators in the study of the effect of menstrual bleeding on the physical fitness of women] Brodziński W. **Wiad Lek** 1984 Sep 1;37(17):1331-5 (Eng. Abstr.) **(Pol)**

[Rehabilitation of the menstrual and child-bearing functions of young women having undergone an operation for tubal pregnancy] Sokolova TM, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):27-9 (Eng. Abstr.) **(Rus)**

[Menstrual blood loss in users of Cu 7 and TCu 220C intrauterine devices] Pedrón N, et al. **Ginecol Obstet Mex** 1983 Jan;51(309):25-8 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

Possible altered dopaminergic modulation of pituitary function in normal-menstruating women with insulin dependent diabetes mellitus (IDDM). Djursing H, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):450-5

Administration of intracoronary streptokinase during menstruation. de Gregorio B, et al. **Am Heart J** 1985 Apr;109(4):908-10

An analysis of endocrine indices that may identify conceptual cycles prospectively in an in vitro fertilization program. McBain JC, et al. **Ann NY Acad Sci** 1985;442:140-5

The antiprogesterones are coming: menses induction, abortion, and labour? [editorial] Healy DL, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):580-1

Return of menstruation and normalization of prolactin in hyperprolactinemic women with bromocriptine-induced pregnancy. Rasmussen C, et al. **Fertil Steril** 1985 Jul;44(1):31-4

Menses induction in rhesus monkeys using a controlled-release vaginal delivery system containing (15S) 15-methyl prostaglandin F2 alpha methyl ester. Spilman CH, et al. **Fertil Steril** 1984 Oct;42(4):638-43

Effect of small doses of aspirin and acetaminophen on total menstrual loss and pain of cramps and headache. Pendergrass PB, et al. **Gynecol Obstet Invest** 1985;19(1):32-7

Do aspirin and acetaminophen affect total menstrual loss? Pendergrass PB, et al. **Gynecol Obstet Invest** 1984;18(3):129-33

The effect of an H1 blocker, chlorpheniramine maleate, on total menstrual loss. Pendergrass PB, et al. **Gynecol Obstet Invest** 1984;18(5):238-43

Menstrual regulation with prostaglandin (Pg ONO 802) in Indonesia. Agoestina T, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):403-9

Menstrual history and fecundity of women exposed and unexposed in utero to diethylstilbestrol. Barnes AB. **J Reprod Med** 1984 Sep;29(9):651-5

Effects of Tripterygium wilfordii on the menstruation of 50 patients suffering from rheumatoid arthritis--with a summary of its therapeutic effects in 12 cases of menorrhagia. Shu HY, et al. **J Tradit Chin Med** 1984 Sep;4(3):237-40

MENSTRUATION DISORDERS

CHEMICALLY INDUCED

Reproductive outcomes in women exposed to solvents in 36 reinforced plastics companies. I. Menstrual dysfunction. Lemasters GK, et al. **J Occup Med** 1985 Jul;27(7):490-4

[No more griseofulvin for pill users: another clinically important interaction?] Offerhaus L. **Ned Tijdschr Geneeskd** 1984 Aug 18;128(33):1579-80 **(Dut)**

[Effect of the degree of water mineralization on reproductive function in women] Shtannikov EV, et al. **Gig Sanit** 1984 Sep;(9):20-3 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Infertility associated with luteal phase defect. Darland NW. **J Obstet Gynecol Neonatal Nurs** 1985 May-Jun;14(3):212-7

Association between mullerian duct malformations and Asherman syndrome in infertile women. Stillman RJ, et al. **Obstet Gynecol** 1985 May;65(5):673-7

[Neuropsychiatric disorders in adolescent disorders of menstrual function] Mikirtumov BE. **Zh Nevropatol Psikhiatr** 1985;85(5):747-51 (Eng. Abstr.) **(Rus)**

[Catamenial pneumothorax. Study of a case] Munar Qués M, et al. **Med Clin (Barc)** 1984 Dec 8;83(19):804-6 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

[Menstrual toxic shock syndrome in a 17-year-old girl] Deupmann M, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):238-40 (Eng. Abstr.) **(Ger)**

[Hyperplastic endometrial processes in patients with postpartum obesity and disordered menstrual function] Uliatovskaia LN. **Akush Ginekol (Mosk)** 1985 Mar;(3):46-8

(Eng. Abstr.) **(Rus)**

DRUG THERAPY

Successful treatment of infertile women with oligomenorrhoea using a combination of an LHRH agonist and exogenous gonadotrophins. Fleming R, et al. **Br J Obstet Gynaecol** 1985 Apr;92(4):369-73

Transient hyperprolactinaemia in human menopausal gonadotropin induction of ovulation. Tang GW, et al. **Int J Fertil** 1984;29(3):136-40

Intermittent clobazam for catamenial epilepsy: tolerance avoided. Feely M, et al. **J Neurol Neurosurg Psychiatry** 1984 Dec;47(12):1279-82

[Prostaglandins in gynecology] Pulkkinen MO. **Duodecim** 1984;100(16):1057-64 **(Fin)**

[Clinical use of promegestone, a progestational agent with high specificity for receptors] Brun G, et al. **Rev Fr Gynecol Obstet** 1984 May;79(5):423-6 **(Fre)**

[Action of dydrogesterone in postpubertal menstruation disorders] Tabaste JL, et al. **Rev Fr Gynecol Obstet** 1984 Jan;79(1):19-20, 23-5 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Serum dopamine beta-hydroxylase activity in menstrual migraine. Magos A, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):328-31

ETIOLOGY

Drinking and reproductive dysfunction among women in a 1981 national survey. Wilsnack SC, et al. **Alcoholism (NY)** 1984 Sep-Oct;8(5):451-8

Long-term risk of menstrual disturbances after tubal sterilization. DeStefano F, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):835-41

Post-tubal sterilization syndrome--a misnomer. Rulin MC, et al. **Am J Obstet Gynecol** 1985 Jan 1;151(1):13-9

Oligomenorrhoea and amenorrhoea associated with exercise. A literature review. Williams M. **Aust Fam Physician** 1984 Sep;13(9):659-63 (33 ref.)

Gynaecological importance of unusual pituitary tumours. Fraser IS, et al. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):44-9

Female reproductive health in two lamp factories: effects of exposure to inorganic mercury vapour and stress factors. De Rosis F, et al. **Br J Ind Med** 1985 Jul;42(7):488-94

Weight loss is associated with correction of gonadotropin and sex steroid abnormalities in the obese anovulatory female. Harlass FE, et al. **Fertil Steril** 1984 Oct;42(4):649-52

Serum carotene levels in female long-distance runners. Richards SR, et al. **Fertil Steril** 1985 Jan;43(1):79-81

The role of beta-endorphins and catechol estrogens on the hypothalamic-pituitary axis in female athletes. Russell JB, et al. **Fertil Steril** 1984 Nov;42(5):690-5

Exercise and oligomenorrhea [letter] Schinfeld JS. **Fertil Steril** 1985 Aug;44(2):284-5

Pubertal and menstrual disorders of female runners, skiers and volleyball players. Ronkainen H, et al. **Gynecol Obstet Invest** 1984;18(4):183-9

The effects of three techniques of tubal occlusion on ovarian hormones and menstruation. Virutamasen P, et al. **J Med Assoc Thai** 1984 Apr;67(4):201-10

Youssef's syndrome: a case report. Nel JT, et al. **J Urol** 1985 Jan;133(1):95-6

Causes, evaluation, and management of athletic oligo-/amenorrhea. Shangold MM. **Med Clin North Am** 1985 Jan;69(1):83-95 (38 ref.)

Endorphins and exercise in females: possible connection with reproductive dysfunction. McArthur JW. **Med Sci Sports Exerc** 1985 Feb;17(1):82-8

Exercise-induced menstrual disorders [letter] **N Engl J Med** 1985 Sep 26;313(13):825-7

Induction of menstrual disorders by strenuous exercise in untrained women. Bullen BA, et al. **N Engl J Med** 1985 May 23;312(21):1349-53

[Endurance training and menstruation] Hansen IL, et al. **Ugeskr Laeger** 1984 Jul 2;146(27):2004-5 (Eng. Abstr.) **(Dan)**

[Menstrual dysfunction in athletic women] Lessing JB, et al. **Harefuah** 1985 Feb 15;108(4):193-6 **(Heb)**

[Diagnostic value of laparoscopy and ultrasonic scanning in infertility and oligomenorrhea] Olaie-Gberevbie FCh, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):40-5 (Eng. Abstr.) **(Rus)**

[Diagnostic value of laparoscopy in patients with infertility and oligomenorrhea] Olaie-Gberevbie FCh, et al. **Akush Ginekol (Mosk)** 1984 Nov;(11):67-9 (Eng. Abstr.) **(Rus)**

[Use of functional tests for defining the origin of menstruation disorders] Pamfamirov IuK, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):25-8 (Eng. Abstr.) **(Rus)**

[The hypothalamo-hypophyseal-gonadal system and sexual function of women with Cushing's syndrome] Cheban AK, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):86-91 (108 ref.) **(Rus)**

[The most frequent sequelae of chronic alcoholism in women in the reproductive years] Mošković S, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):223-8 (Eng. Abstr.) **(Scc)**

[Sequelae of tubal ligation] Alvarez CF. **Ginecol Obstet Mex** 1985 Feb;53(334):35-7 (Eng. Abstr.) **(Spa)**

[Hypothyroidism in gyneco-obstetrics] Ruiz Alvarez F, et al. **Ginecol Obstet Mex** 1984 Dec;52(332):307-9 (Eng. Abstr.) **(Spa)**

[Hyperthyroidism and ovulation] Ruiz Alvarez F, et al. **Ginecol Obstet Mex** 1984 Apr;52(324):89-92 (Eng. Abstr.) **(Spa)**

[Post-tubal-ligation syndrome] Vázquez JA. **Ginecol Obstet Mex** 1983 Sep;51(317):237-40 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

Differential diagnosis in young women with oligomenorrhea and the pseudo-pseudohypoparathyroidism variant of Albright's hereditary osteodystrophy. Halal F, et al. **Am J Med Genet** 1985 Jul;21(3):551-68

METABOLISM

Impairment of opioid control of luteinizing hormone secretion in menstrual disorders. Petraglia F, et al. **Fertil Steril** 1985 Apr;43(4):534-40

Endometrial estradiol and progesterone receptors in patients with luteal phase defects and endometriosis. Saracoglu OF, et al. **Fertil Steril** 1985 Jun;43(6):851-5

OCCURRENCE

Symptoms related to menstruation in adolescent Swiss girls: a longitudinal study. Flug D, et al. **Ann Hum Biol** 1985 Mar-Apr;12(2):161-8

[Menstruation disorders in athletes] Bruno B, et al. **Recenti Prog Med** 1984 Jun;75(6):531-9 (Eng. Abstr.) **(Ita)**

PHYSIOPATHOLOGY

Psychoendocrinology and the menstrual cycle. Youngs DD, et al. **Adv Psychosom Med** 1985;12:25-34

Menstrual pattern and ovarian function in women with hyperprolactinemia. Bahamondes L, et al. **Int J Gynaecol Obstet** 1985 Feb;23(1):31-6

Menstrual symptoms, attitudes and consulting behaviour. Scambler A, et al. **Soc Sci Med** 1985;20(10):1065-8

[Does prolactin have a role in the physiopathology of luteal insufficiency?] Vielh JP, et al. **Presse Med** 1985 Feb 23;14(8):467-70 (Eng. Abstr.) **(Fre)**

PSYCHOLOGY

Psychosocial testing and pretreatment of women for in vitro fertilization. Kemeter P, et al. **Ann NY Acad Sci** 1985;442:523-32

Effect of oral contraceptives and some psychological factors on the menstrual experience. Harding CM, et al. **J Biosoc Sci** 1985 Jul;17(3):291-304

Menstruation, menstrual protection and menstrual cycle problems. The knowledge, attitudes and practices of young Australian women. Abraham S, et al. **Med J Aust** 1985 Feb 18;142(4):247-51

RADIOGRAPHY

[Characteristics of the craniographic picture in women with sterility and menstrual cycle disorders of the oligomenorrhea type] Olaie-Gberevbie FCh, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):48-50 (Eng. Abstr.) **(Rus)**

THERAPY

[Role of the anterior hypothalamus in the mechanism of the therapeutic effect of acupuncture-reflexotherapy] Bogdashkin NG, et al. **Akush Ginekol (Mosk)** 1984 Aug;(8):25-8 (Eng. Abstr.) **(Rus)**

[Experience in using iodobromine water and therapeutic mud in the therapy of menstrual cycle disorders of inflammatory origin] Keshokova MP. **Akush Ginekol (Mosk)** 1985 Mar;(3):58 **(Rus)**

[Step-by-step physiotherapy of menstruation disorders of central origin in adolescents] Kuznetsova MN, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):35-6 (Eng. Abstr.) **(Rus)**

[Reflexotherapy in reproductive system disorders of central origin] Tkachenko LV. **Akush Ginekol (Mosk)** 1984 Aug;(8):31-3 (Eng. Abstr.) **(Rus)**

MENSTRUATION, FOLLICULAR PHASE see **FOLLICULAR PHASE**

MENSTRUATION INDUCING AGENTS

Menstrual regulation with prostaglandin (Pg ONO 802) in Indonesia. Agoestina T, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):403-9

ADMINISTRATION & DOSAGE

Pregnancy prevention by intravaginal delivery of a progesterone antagonist: RU486 tampon for menstrual induction and absorption. Hodgen GD. **Fertil Steril** 1985 Aug;44(2):263-7

ANALYSIS

[Zinc, copper and iron contents and their clinical significance in 40 kinds of Chinese traditional menses-regulating drugs] Liu XZ, et al. **Chung Hsi I Chieh Ho Tsa Chih** 1985 Apr;5(4):235-6, 197 (Eng. Abstr.) **(Chi)**

PHARMACODYNAMICS

[Regulation of menstruation with prostaglandins] Heinzl S. **Gynakologe** 1984 Sep;17(3):204-9 **(Ger)**

MENSTRUATION, LUTEAL PHASE see **LUTEAL PHASE**

MENSTRUATION, RETROGRADE see under **MENSTRUATION DISORDERS**

MENTAL DEFICIENCY see **MENTAL RETARDATION**

MENTAL DISORDERS

Research on mental illness and addictive disorders: progress and prospects. A report of the Board on Mental Health and Behavioral Medicine, Institute of Medicine. **Am J Psychiatry** 1985 Jul;142(7 Suppl):1-41

The ultimate stigma: inadequate funding for research on mental illness and addictive disorders [editorial] Barchas JD, et al. **Am J Psychiatry** 1985 Jul;142(7):838-9

The Squibb academic address. Human rights: the case for the mentally ill. Mitchell R. **Aust NZ J Psychiatry** 1984 Jun;18(2):146-55

Anxiety, fears and depression related to hysterectomy. Lalinec-Michaud M, et al. **Can J Psychiatry** 1985 Feb;30(1):44-7

Mental illness and the media: an assessment of attitudes and communication. Matas M, et al. **Can J Psychiatry** 1985 Feb;30(1):12-7

Escorting mentally ill patients: ignored nursing function. Hermanstyne L. **Dimens Health Serv** 1984 Dec;61(12):30-1

Social factors, mental illness, and psychiatric care: recent advances from a sociological perspective. Greenley JR. **Hosp Community Psychiatry** 1984 Aug;35(8):813-20 (96 ref.)

Mental health of the elderly: use of health and mental health services. German PS, et al. **J Am Geriatr Soc** 1985 Apr;33(4):246-52

View from the Nation's Courts. The right to refuse treatment revisited. Freishtat HW. **J Clin Psychopharmacol** 1984 Jun;4(3):162-3

Laura LeWinn, JD, on Doe vs. Klein. Laying down the law on the rights of psychiatric patients [interview] LeWinn L. **J Psychosoc Nurs Ment Health Serv** 1985 May;23(5):36-8

Too few hospital places for mentally abnormal offenders: plea for action by the Lord Chief Justice. Brahams D. **Lancet** 1985 Feb 2;1(8423):269

Epilepsy and insanity [letter] Hamilton JR. **Lancet** 1984 Oct 27;2(8409):989

Consent to medical treatment by the mentally ill [letter] Poynton A. **Lancet** 1985 Feb 9;1(8424):342

A holiday home for long-stay psychiatric patients. Goldney RD., et al. **Med J Aust** 1985 Jun 10;142(12):650-1

The United States Supreme Court and mental health law. A retrospective. Perlin ML. **Med Law** 1985;4(1):49-54

8th congress of the Polish Pharmacological Society. Symposium II: Pharmacological implications for animal models of mental disorders. **Pol J Pharmacol Pharm** 1984 Sep-Oct;36(5):493-569

Symposium on self-destructive behavior. **Psychiatr Clin North Am** 1985 Jun;8(2):181-407

Symposium on clinical psychopharmacology II. **Psychiatr Clin North Am** 1984 Dec;7(4):655-907

The evaluation of a support group for families of the chronic mentally ill. Shapiro RM, et al. **Psychiatr Q** 1983 Winter;55(4):236-41

NIMH emphasizes the basics [news] Holden C. **Science** 1985 Apr 26;228(4698):474-5

ADAMHA funding pressed [news] Holden C. **Science** 1985 Jan 11;227(4683):147-9

[Intramural suicidal tendencies and relation to intensive care units in psychiatry] Pejchl J, et al. **Cesk Psychiatr** 1984 Dec;80(6):359-74 (Eng. Abstr.) **(Cze)**

[The legal importance of the citizen's will in the modern development of mental health care] Stěpán J. **Cesk Psychiatr** 1985 Apr;81(2):124-33 (Eng. Abstr.) **(Cze)**

[Acceptance of deviant behavior in somatic nursing homes in the County of Aarhus] Barner-Rasmussen P. **Ugeskr Laeger** 1985 May 13;147(20):1643-7 (Eng. Abstr.) **(Dan)**

[Computerized observation in psychiatry: reflections arising from a study in progress for 5 years] Barrois C, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):786-90 **(Fre)**

[Apropos of the automated psychiatric documentation system (A.P.D.S.) of the Paris military hospital complex after 6 years of use] Bazot M, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):880-6 **(Fre)**

[Preliminary results of an experiment in computerization of psychiatric records] Garreau M, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):847-54 **(Fre)**

[Cybernetic preliminaries to the recording of clinical data in psychiatry] Mairlot FE. **Ann Med Psychol (Paris)** 1984 Jun;142(6):802-12 **(Fre)**

[Problems presented by the recording of clinical data in psychiatry. Value of tables for recording by levels of mental organization] Marchais P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):813-25 **(Fre)**

[Right of the patient to disclosure of his psychiatric chart] Rieger HJ. **Dtsch Med Wochenschr** 1985 Mar 15; 110(11):433-4 **(Ger)**

[Psychological profile of the spa user. Preliminary study of motivations for spa treatment] Dioguardi N, et al. **Minerva Med** 1984 Dec 15;75(47-48):2793-8 (Eng. Abstr.) **(Ita)**

[Personality factors, psychological distress and 'illness behavior' in patients before heart surgery] Magni G, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):11-20 (Eng. Abstr.) **(Ita)**

[Recent advances in geriatric psychiatry] **Seishin Shinkeigaku Zasshi** 1984;86(7):525-66 **(Jpn)**

[Psychiatric handicaps in childhood--occurrence, diagnosis and analysis] Gillberg C. **Lakartidningen** 1985 Jul 24; 82(30-31):2589-92 (Eng. Abstr.) **(Swe)**

BLOOD

Association between low plasma levels of dexamethasone and elevated levels of cortisol in psychiatric patients given dexamethasone. Arana GW, et al. **Am J Psychiatry** 1984 Dec;141(12):1619-20

Postpartum mental disturbances and hormone changes [editorial] Swyer GI. **Br Med J [Clin Res]** 1985 Apr 27; 290(6477):1232-3

Alterations of mental status and thyroid hormones after thermal injury. Vaughan GM, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1221-5

The possible role of tobacco cigarette smoking in hyponatremia of long-term psychiatric patients. Blum A. **JAMA** 1984 Nov 23-30;252(20):2864-5

3H-Imipramine binding sites in platelets of hospitalized psychiatric patients. Gentsch C, et al. **Psychiatry Res** 1985 Mar;14(3):177-87

[Plasma copper and zinc in psychiatric patients] van Kempen GM, et al. **Ned Tijdschr Geneeskd** 1985 Mar 23; 129(12):550-3 (Eng. Abstr.) **(Dut)**

[Lewis-negative blood group. Definite frequency, probable prognostic value in adult psychiatry] Pascalis G, et al. **Encephale** 1985 May-Jun;11(3):117-9 (Eng. Abstr.) **(Fre)**

CEREBROSPINAL FLUID

Central tryptamine turnover in depression, schizophrenia, and anorexia: measurement of indoleacetic acid in cerebrospinal fluid. Anderson GM, et al. **Biol Psychiatry** 1984 Oct;19(10):1427-35

The influence of the lying and sitting positions on the gradients of 5-HIAA and HVA in lumbar cerebrospinal fluid. Gateless D, et al. **Biol Psychiatry** 1984 Nov; 19(11):1585-9

Cerebrospinal fluid vasopressin in neurological and psychiatric disorders. Sørensen PS, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan;48(1):50-7

Can CSF measures distinguish among schizophrenia, depression, movement disorders, and dementia? Stahl SM. **Psychopharmacol Bull** 1985;21(3):396-9

[Immunochemical determination of neurospecific beta 2-globulin in cerebrospinal fluid in mental disorders] Builov VK, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1038-42 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Angel dust: medical and psychiatric aspects of phencyclidine intoxication. Robinson B 4th, et al. **Ariz Med** 1984 Dec; 41(12):808-11

Oral contraception and serious psychiatric illness: absence of an association. Vessey MP, et al. **Br J Psychiatry** 1985 Jan;146:45-9

Baclofen toxicity associated with declining renal clearance after ibuprofen. Dahlin PA, et al. **Drug Intell Clin Pharm** 1984 Oct;18(10):805-8

Adverse neuropsychiatric effects of anticonvulsant drugs. Reynolds EH, et al. **Drugs** 1985 Jun;29(6):570-81 (79 ref.)

Neurophysiological and psychological disorders and occupational exposure to organic solvents. Grasso P, et al. **Food Chem Toxicol** 1984 Oct;22(10):819-52

Neuropsychiatric manifestations of alkali metal deficiency and excess. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:71-5 (70 ref.)

Psychiatric reactions produced by respiratory drugs. Hall RC, et al. **Psychosomatics** 1985 Jul;26(7):605-8, 615-6 (66 ref.)

Occupational solvent exposure and neuropsychiatric disorders. Lindström K, et al. **Scand J Work Environ Health** 1984 Oct;10(5):321-3

Metronidazole and panic attacks [letter] Brown JT. **South Med J** 1985 May;78(5):627

[Psychological and sexual effects of hormonal contraceptives--results of a survey] Synder K, et al. **Zentralbl Gynakol** 1984;106(10):644-52 (Eng. Abstr.) **(Ger)**

[Neuropsychiatric disorders while using hormonal contraceptives (review)] Burtsev EM. **Zh Nevropatol Psikhiatr** 1984;84(9):1391-401 (156 ref.) **(Rus)**

[Potentially severe and often insidious adverse psychological effects of chloroquine] Snellman AM, et al. **Lakartidningen** 1985 May 22;82(21):1961-2 **(Swe)**

CLASSIFICATION

A survey of residents in the Royal Scottish National Hospital using the Wessex Case Register Schedule. Dickens P. **Health Bull (Edinb)** 1985 Jan;43(1):27-32

Severity of illness and diagnostic formulation: classifying patients for prospective payment systems. Mezzich JE, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):770-2

A study of the classification of mental ill-health in general practice. Jenkins R, et al. **Psychol Med** 1985 May; 15(2):403-9

In defence of international classification [editorial] Saugstad L, et al. **Psychol Med** 1985 Feb;15(1):1-2

Contribution to the theoretical problems of classification in the observational sciences. Reuchlin M. **Psychopathology** 1984;17(4):149-57

Prospective payment and mental health. Katz PS. **QRB** 1984 Nov;10(11):355-8

[International classification of diseases from the aspect of pediatric and adolescent psychiatry] Malá E, et al. **Cesk Psychiatr** 1985 Apr;81(2):110-6 (Eng. Abstr.) **(Cze)**

[Psychiatric classification of disease] Jepsen PW. **Nord Med** 1985;100(5):155-7 (Eng. Abstr.) **(Dan)**

[Diagnostic criteria for psychiatric research: RDC (Research Diagnostic Criteria). French translation and adaptation by M. Ansseau] Spitzer RL, et al. **Acta Psychiatr Belg** 1985 Mar-Apr;85(2):253-324 (Eng. Abstr.) **(Fre)**

[The D.S.M. III in French] Bourgeois M. **Ann Med Psychol (Paris)** 1984 Apr;142(4):457-73 **(Fre)**

[Automatic diagnostic assistance in psychiatry] Boyer P, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1236-43 **(Fre)**

[Project for the production of a videofilm on the recording of psychiatric data in a microcomputer] Fanielle J, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1231-6 **(Fre)**

[Psychiatric disorders. Destiny or therapeutic and personal challenge? 20-year follow-up in the practice of a psychiatric specialist] Bastøe O. **Tidsskr Nor Laegeforen** 1985 Mar 20;105(8):568-72 (Eng. Abstr.) **(Nor)**

[Improving the systematics of mental disorders in children and adolescents] Kovalev VV, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1506-10 (Eng. Abstr.) **(Rus)**

[Contribution of epidemiological research to the classification of mental disorders] León CA. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):89-104 (Eng. Abstr.) **(Spa)**

COMPLICATIONS

Psychosomatic aspects of movement disorders. Cummings JL. **Adv Psychosom Med** 1985;13:111-32 (118 ref.)

Confirmation of concurrent illnesses in posttraumatic stress disorder [letter] Behar D. **Am J Psychiatry** 1984 Oct; 141(10):1310-1

Chest X-ray and laboratory findings in a private psychiatric hospital population [letter] Glass J, et al. **Am J Psychiatry** 1985 May;142(5):664-5

Right to refuse treatment and delayed medical care for psychiatric patients [letter] Perr IN. **Am J Psychiatry** 1985 Sep;142(9):1127

The limited usefulness of nasopharyngeal EEG recording in psychiatric patients. Ramani V, et al. **Am J Psychiatry** 1985 Sep;142(9):1099-100

Hair analysis for detection of phencyclidine in newly admitted psychiatric patients. Sramek JJ, et al. **Am J Psychiatry** 1985 Aug;142(8):950-3

Behavior disorders and mental retardation: associations with age, sex, and level of functioning in an outpatient clinic sample. Benson BA. **Appl Res Ment Retard** 1985;6(1):79-85

Biosocial theory of psychopathology: a three by three factor model. Matson JL. **Appl Res Ment Retard** 1985; 6(2):199-227

Epilepsy and psychopathology [letter] Murray GB. **Biol Psychiatry** 1984 Nov;19(11):1591-3

A study of 250 patients referred to a department of psychiatry for the deaf. Denmark JC. **Br J Psychiatry** 1985 Mar; 146:282-6

Respiratory and psychiatric abnormalities in chronic symptomatic hyperventilation. Bass C, et al. **Br Med J [Clin Res]** 1985 May 11;290(6479):1387-90

Behavioural factors in burn mortality and length of stay in hospital. Berry CC, et al. **Burns Incl Therm Inj** 1984 Aug; 10(6):409-14

Is there a virologist in the house? Swartz J. **Can Med Assoc J** 1985 Feb 1;132(3):290-3

Relations between emotional disorders and specific reading retardation in children. Reeler AP. **Cent Afr J Med** 1985 May;31(5):101-5

Behavior and bladder disturbance of enuretic children: a rational classification of a common disorder. Shaffer D, 'et al. **Dev Med Child Neurol** 1984 Dec;26(6):781-92

Use of background interference procedure to assess visual retention deficits in multiple-sclerosis, psychiatric, and brain-damaged patients. Crockett DJ, et al. **Int J Neurosci** 1985 May;26(3-4):277-82

Psychiatric disorder in children with physical disabilities. Breslau N. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):87-94

Psychiatric disturbance in serious delinquents. McManus M, et al. **J Am Acad Child Psychiatry** 1984 Sep;23(5):602-15

The prevalence of tardive dyskinesia in geropsychiatric outpatients. Chacko RC, et al. **J Clin Psychiatry** 1985 Feb; 46(2):55-7

Psychiatric patients at high risk for rhabdomyolysis [letter] Lazarus A. **J Clin Psychiatry** 1985 Sep;46(9):406

Carbamazepine in mixed frontal lobe and psychiatric disorders. McAllister TW. **J Clin Psychiatry** 1985 Sep; 46(9):393-4

Drug abuse among state hospital psychiatric inpatients with particular reference to PCP. Ragheb M. **J Clin Psychiatry** 1985 Aug;46(8):339-40

Patterns of behavioral disturbance in developmentally disabled and psychiatrically referred children: a cluster analytic approach. Curry JF, et al. **J Pediatr Psychol** 1985 Jun;10(2):131-67

The effect of illness behaviour on the apparent relationship between physical and mental disorders. Benjamin S, et al. **J Psychosom Res** 1984;28(5):387-95

When is discontinuation of dialysis justified? Brahams D. **Lancet** 1985 Jan 19;1(8421):176-7

Psychiatric complications of epilepsy. Green JB, et al. **Neurol Clin** 1984 Feb;2(1):103-12 (32 ref.)

Neurologic disturbances and EEG characteristics in children who had hyperthermic convulsions in infancy. Shan'ko GG, et al. **Neurosci Behav Physiol** 1985 Jan-Feb; 15(1):48-53

Motor vehicle accidents related to psychiatric impairment. Noyes R Jr. **Psychosomatics** 1985 Jul;26(7):569-72, 575-6, 579-80 (85 ref.)

Factors affecting falling by older psychiatric inpatients. Rosen AM, et al. **Psychosomatics** 1985 Feb;26(2):117-23

Sleep disorders among psychiatric outpatients. Edis TE, et al. **South Med J** 1984 Sep;77(9):1107-8

Patterns of suicide among hospitalized mentally disordered offenders. Haynes RL, et al. **Suicide Life Threat Behav** 1984 Summer;14(2):113-25

[Psychosomatic aspects of malignant tumors] Baštecký J, et al. **Cas Lek Cesk** 1984 Jul 13;123(28):860-4 (Eng. Abstr.) **(Cze)**

[Psychological problems in Huntington chorea] Albano C, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):37-9 (Eng. Abstr.) **(Ita)**

[Borderline neuropsychiatric disorders in purine metabolism disorders in children] Astakhova LN, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):421-6 (Eng. Abstr.) **(Rus)**

[Psychopathology of the late period of closed military craniocerebral injuries (non-psychotic forms)] Bobrov AS. **Zh Nevropatol Psikhiatr** 1985;85(5):704-10 (Eng. Abstr.) **(Rus)**

[Clinical picture and differentiated therapy of mental disorders in oncostomatologic diseases] Dunaevskii VV. **Zh Nevropatol Psikhiatr** 1985;85(3):439-43 (Eng. Abstr.) **(Rus)**

[Experimental-psychological study in the late period of closed wartime craniocerebral injuries] Kopaeva NA. **Zh Nevropatol Psikhiatr** 1985;85(5):711-5 (Eng. Abstr.) **(Rus)**

[Neuropsychiatric disorders in adolescent disorders of menstrual function] Mikirtumov BE. **Zh Nevropatol Psikhiatr** 1985;85(5):747-51 (Eng. Abstr.) **(Rus)**

DIAGNOSIS

Problems in diagnostic assessment of young children. Cramer B, et al. **Acta Paedopsychiatr (Basel)** 1985 Mar;50(6):283-90

Inter-rater reliability of the Comprehensive Psychopathological Rating Scale in Japan. Kasa M, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):388-91

Psychiatric illness among the mentally retarded. A swedish population study. Göstason R. **Acta Psychiatr Scand [Suppl]** 1985;318:1-117 (201 ref.)

The routine use of investigations in elderly psychiatric patients. Colgan J, et al. **Age Ageing** 1985 May;14(3):163-7

The psychological impact of trauma: recognition and treatment. Peterson L. **Am J Emerg Med** 1983 Jul; 1(1):102-6

Preparation for nuclear war: the final madness. Rapoport A. **Am J Orthopsychiatry** 1984 Oct;54(4):524-9

Creating diagnostic related groups: a manageable way to deal with DSM-III. Sinclair E, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):426-33

Is homelessness a mental health problem? Bassuk EL, et al. **Am J Psychiatry** 1984 Dec;141(12):1546-50

DSM-III in Botswana: a field trial in a developing country. Ben-Tovim DI. **Am J Psychiatry** 1985 Mar;142(3):342-5

ACTH and cortisol levels in healthy probands and psychiatric patients following the dexamethasone suppression test [letter] Berger M, et al. **Am J Psychiatry** 1985 Feb;142(2):268-9

Past trauma and present functioning of patients attending a women's psychiatric clinic. Borins EF, et al. **Am J Psychiatry** 1985 Apr;142(4):460-3

Psychiatric diagnoses of Cuban refugees in the United States: findings of medical review boards. Boxer PA, et al. **Am J Psychiatry** 1985 Jan;142(1):86-9

Adrenoleukodystrophy and psychiatric disorder [letter] Cohen-Cole S, et al. **Am J Psychiatry** 1985 Oct; 142(10):1224-5

Findings in psychiatric consultations with patients with acquired immune deficiency syndrome. Dilley JW, et al. **Am J Psychiatry** 1985 Jan;142(1):82-6

Are results on the dexamethasone suppression test affected by ethnic background? [letter] Escobar JI. **Am J Psychiatry** 1985 Feb;142(2):268

Predicting length of hospital stay of psychiatric patients. Gordon RE, et al. **Am J Psychiatry** 1985 Feb;142(2):235-7

Diagnostic categorization of psychiatric disturbance in Cushing's syndrome. Haskett RF. **Am J Psychiatry** 1985 Aug;142(8):911-6

Results of the dexamethasone suppression test in psychiatric patients with and without weight loss. Keitner GI, et al. **Am J Psychiatry** 1985 Feb;142(2):246-8

Biopsychosocial characteristics of children who later murder: a prospective study. Lewis DO, et al. **Am J Psychiatry** 1985 Oct;142(10):1161-7

A profile of clients referred for psychiatric evaluation for Social Security Disability Income and Supplemental Security Income: implications for psychiatry. Okpaku S. **Am J Psychiatry** 1985 Sep;142(9):1037-43

Geropsychiatric consultation in a university hospital: a report on 67 referrals. Ruskin PE. **Am J Psychiatry** 1985 Mar;142(3):333-6

White House Cases: psychiatric patients and the Secret Service. Shore D, et al. **Am J Psychiatry** 1985 Mar;142(3):308-12

The course of psychiatric disorder, III: Longitudinal principles. Strauss JS, et al. **Am J Psychiatry** 1985 Mar;142(3):289-96

The psychosocial adjustment of Australian Vietnam veterans. Streimer JH, et al. **Am J Psychiatry** 1985 May;142(5):616-8

Brain disease and psychiatric illness: when should a psychiatrist order a CAT scan? Weinberger DR. **Am J Psychiatry** 1984 Dec;141(12):1521-7

Marijuana use and psychiatric illness: a follow-up study. Weller RA, et al. **Am J Psychiatry** 1985 Jul;142(7):848-50

Psychiatric diagnosis across cultural boundaries. Westermeyer J. **Am J Psychiatry** 1985 Jul;142(7):798-805

DSM-III in residency training: results of a national survey. Williams JB, et al. **Am J Psychiatry** 1985 Jun;142(6):755-8

Patterns of psychiatric consultation in a Chinese general hospital. Zuo C, et al. **Am J Psychiatry** 1985 Sep;142(9):1092-4

DSM-III and the politics of truth. Schacht TE. **Am Psychol** 1985 May;40(5):513-26

Comparison of the lay Diagnostic Interview Schedule and a standardized psychiatric diagnosis. Experience in eastern Baltimore. Anthony JC, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):667-75

The dexamethasone suppression test and pituitary-adrenocortical function. Brown WA, et al. **Arch Gen Psychiatry** 1985 Feb;42(2):121-3

The clinician's illusion. Cohen P, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1178-82

The price of beer and the salaries of priests: analysis and display of longitudinal psychiatric data [letter] Gibbons RD, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1183-4

A comparison of clinical and diagnostic interview schedule diagnoses. Physician reexamination of lay-interviewed cases in the general population. Helzer JE, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):657-66

Psychiatric disorders in primary care. Results of a follow-up study. Kessler LG, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):583-7

Diagnosis of psychiatric disorders in epidemiologic field studies. Klerman GL. **Arch Gen Psychiatry** 1985 Jul;42(7):723-4

Neurological soft signs. Their relationship to psychiatric disorder and intelligence in childhood and adolescence. Shaffer D, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):342-51

A proposed solution to the base rate problem in the kappa statistic. Spitznagel EL, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):725-8

The multiaxial system of DSM-III: where did it come from and where should it go? I. Its origins and critiques. Williams JB. **Arch Gen Psychiatry** 1985 Feb;42(2):175-80 (35 ref.)

The multiaxial system of DSM-III: where did it come from and where should it go? II. Empirical studies, innovations, and recommendations. Williams JB. **Arch Gen Psychiatry** 1985 Feb;42(2):181-6 (25 ref.)

A comparison of two diagnostic methods. Clinical ICD diagnoses vs DSM-III and Research Diagnostic Criteria using the Diagnostic Interview Schedule (version 2). Wittchen HU, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):677-84

A decision tree approach to psychodiagnosis. The diagnosis of abnormal behaviour. Shaw J. **Aust Fam Physician** 1985 Apr;14(4):284-5, 288, 290

A factor analytic study of the 60-item general health questionnaire in Australian community and general practice settings. Burvill PW, et al. **Aust NZ J Psychiatry** 1984 Sep;18(3):256-62

The recognition of psychiatric illness by non-psychiatrists. Goldberg D. **Aust NZ J Psychiatry** 1984 Jun;18(2):128-33

The statutory definition of a mentally ill person in N.S.W. 1958-1983. Shea PB. **Aust NZ J Psychiatry** 1984 Sep;18(3):218-23

Combinations of evoked potential amplitude measurements in relation to psychiatric diagnosis. Shagass C, et al. **Biol Psychiatry** 1985 Jul;20(7):701-22

Contingent negative variation: components and scalp distribution in psychiatric patients. van den Bosch RJ. **Biol Psychiatry** 1984 Jul;19(7):963-72

The psychiatrist in court. Grounds A. **Br J Hosp Med** 1985 Jul;34(1):55-8

A single-consultation assessment clinic [letter] Brown LM. **Br J Psychiatry** 1984 Nov;145:558

A comparative validation of the Foulds and Bedford hierarchy of psychiatric symptomatology. Morey LC. **Br J Psychiatry** 1985 Apr;146:424-8

Unrecognised psychiatric illness in medical patients [letter] **Br Med J [Clin Res]** 1984 Oct 6;289(6449):917-9

Unrecognised psychiatric illness in medical patients [letter] **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1226

Identifying psychiatric illness among general medical patients [editorial] Goldberg D. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):161-2

Unrecognised psychiatric illness in medical patients [editorial] Nabarro J. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):635-6

Residents training in the mental status examination [letter] Black FW, et al. **Can J Psychiatry** 1984 Nov;29(7):633-4

Psychiatric assessment of competency to care for a new-born. Stewart D, et al. **Can J Psychiatry** 1984 Nov;29(7):583-9

Base rates for psychological disturbance in children: an evaluation of a screening instrument. Reeler AP. **Cent Afr J Med** 1984 Sep;30(9):181-2, 185-6

Clinical assessment of maladjusted preschool children. Plenk AM, et al. **Child Welfare** 1985 Mar-Apr;64(2):127-34

Midline spike discharges: clinical and EEG correlates. Pourmand RA, et al. **Clin Electroencephalogr** 1984 Oct;15(4):232-6

Historical perspectives on diagnosis in psychiatry. Havens L. **Compr Psychiatry** 1985 Jul-Aug;26(4):326-36

Clinical implications of Axis I-Axis II interactions. Hyler SE, et al. **Compr Psychiatry** 1985 Jul-Aug;26(4):345-51

The implications of OX3. Pinsker H. **Compr Psychiatry** 1984 Sep-Oct;25(5):473-7

Psychiatric diagnosis and competency to stand trial. Reich J, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):421-32

Agreement between two structured psychiatric diagnostic interviews: DIS and the PDI. Weller RA, et al. **Compr Psychiatry** 1985 Mar-Apr;26(2):157-63

The diagnosis and treatment of psychiatric emergencies. Bassuk EL. **Compr Ther** 1985 Jul;11(7):6-12

Do interpreters affect consultations? Dodd W. **Fam Pract** 1984 Mar;1(1):42-7

Liaison psychiatry in an Indian general hospital. Malhotra S, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):266-70

Physicians' recognition, diagnosis, and treatment of mental disorders in elderly medical patients. Waxman HM, et al. **Gerontologist** 1984 Dec;24(6):593-7

NIMH report. Social Security Administration revises mental disability rules. Goldman HH, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):343-5

Psychiatric diagnosis: what role for the computer? Greist JH, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1089-90, 1093

Mobile medical screening teams for public programs. Koran LM, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1151-2

The reliability of psychiatric diagnosis in the emergency room. Lieberman PB, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):291-3

Psychiatric diagnosis in a state hospital: Manhattan state revisited. Lipton AA, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):368-73

The insanity defense: a difficult necessity. McGrath JJ. **Hosp Community Psychiatry** 1985 Jan;36(1):54-5

Disability determination: psychiatrists needed. Meyerson AT, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):337

The insanity defense: the case for abolition. Perr IN. **Hosp Community Psychiatry** 1985 Jan;36(1):51-4

Examining the application of the guilty but mentally ill verdict in Michigan. Petrella RC, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):254-9

Diagnosis and disposition [letter] Swartz M. **Hosp Community Psychiatry** 1984 Nov;35(11):1153

Confidentiality in the forensic evaluation. Appelbaum PS. **Int J Law Psychiatry** 1984;7(3-4):285-300

Psychological abnormality and capital sentencing. The new 'diminished responsibility'. Dix GE. **Int J Law Psychiatry** 1984;7(3-4):249-67

'Plain crazy:' lay definitions of legal insanity. Hans VP, et al. **Int J Law Psychiatry** 1984;7(2):105-14

A follow-up study of persons found incompetent to stand trial and/or not guilty by reason of insanity in Quebec. Hodgins S. **Int J Law Psychiatry** 1983;6(3-4):399-411

The use of plea bargaining in civil commitment. Miller RD, et al. **Int J Law Psychiatry** 1984;7(3-4):395-406

Unfitness for trial in Scotland: proposed adjudication of the facts and the right to reprosecute. Normand AC. **Int J Law Psychiatry** 1984;7(3-4):415-35

The Fitness to stand trial Interview Test: how four professions rate videotaped fitness interviews. Roesch R, et al. **Int J Law Psychiatry** 1984;7(2):115-31

Predicting dangerousness among the mentally ill: art, magic and science. Steadman HJ. **Int J Law Psychiatry** 1983;6(3-4):381-90

Diagnosis of mental disorders among Turkish and American clinicians. Eker D. **Int J Soc Psychiatry** 1985 Summer;31(2):99-109

Diagnostic reliability among psychiatrists. Results of two exercises. Levav I, et al. **Isr J Psychiatry Relat Sci** 1984;21(4):217-33

A PIC profile typology of children and adolescents: I. Empirically derived alternative to traditional diagnosis. Gdowski CL, et al. **J Abnorm Psychol** 1985 Aug;94(3):346-61

The development and validation of the children's self-report psychiatric rating scale. Beitchman JH, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):413-28

The child behavior checklist as a screening instrument for young children. Garrison WT, et al. **J Am Acad Child Psychiatry** 1985 Jan;24(1):76-80

Informant variance: the issue of parent-child disagreement. Kashani JH, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):437-41

Construct validity of clinical diagnosis in pediatric psychiatry: relationship among measures. Koriath U, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):429-36

Indochinese immigrant children: problems in psychiatric diagnosis. Krener PG, et al. **J Am Acad Child Psychiatry** 1985 Jul;24(4):453-8

Perceived suitability and usefulness of DSM-III vs. DSM-II in child psychopathology. Mezzich AC, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):281-5

Reliability of DSM-III vs. DSM-II in child psychopathology. Mezzich AC, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):273-80

The college student psychiatric emergency: II. Diagnosis and disposition. Perlmutter RA, et al. **J Am Coll Health** 1985 Feb;33(4):152-8

Mental status tests in geriatrics [editorial] Blass JP. **J Am Geriatr Soc** 1985 Jul;33(7):461-2

Need for medical workup in psychiatric assessment [letter] Kahaner KP, et al. **J Am Geriatr Soc** 1985 Aug;33(8):570

Psychiatric assessment of elderly patients in the home: a survey of 176 cases. Levy MT. **J Am Geriatr Soc** 1985 Jan;33(1):9-12

Behavioral correlates of computed tomographic (CT) scan changes in older psychiatric patients. Swigar ME, et al. **J Am Geriatr Soc** 1985 Feb;33(2):96-103

Selecting measures of emotional and behavioral disorders of childhood for use in general populations. Boyle MH, et al. **J Child Psychol Psychiatry** 1985 Jan;26(1):137-59 (69 ref.)

Clinical judgement in context: a review of situational factors in person perception during clinical interviews. Cline T. **J Child Psychol Psychiatry** 1985 May;26(3):369-80

ICD 9 & DSM III classification for the clinician. Werry JS. **J Child Psychol Psychiatry** 1985 Jan;26(1):1-6

Does the dexamethasone suppression test have clinical utility in psychiatry? Baldessarini RJ, et al. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):25-9

Dexamethasone suppression test: a review of contemporary confusion. Carroll BJ. **J Clin Psychiatry** 1985 Feb;46(2 Pt 2):13-24 (83 ref.)

Disability and welfare--who wants it? Loyd DW, et al. **J Clin Psychiatry** 1985 Jul;46(7):273-5

The discriminate validity of the Psychiatric Diagnostic Interview. Powell BJ, et al. **J Clin Psychiatry** 1985 Aug;46(8):320-2

Biorhythms revisited: rhythm and blues? Winstead DK, et al. **J Clin Psychiatry** 1984 Oct;45(10):426-9

Diagnostic implications of markedly elevated MMPI Sc scale scores for nonhospitalized clients. Anderson WP, et al. **J Clin Psychol** 1984 Jul;40(4):925-30

Statistical modeling of clinical intake decisions. Greenblatt RL, et al. **J Clin Psychol** 1984 Nov;40(6):1528-37

Content and response-style in the construct validation of self-report inventories: a canonical analysis. Greenblatt RL, et al. **J Clin Psychol** 1984 Nov;40(6):1414-20

The Harris-Lingoes subscales: fact or fiction? Miller HR, et al. **J Clin Psychol** 1985 Jan;41(1):45-51

The status of projective techniques: or, 'wishing won't make it go away'. Piotrowski C. **J Clin Psychol** 1984 Nov;40(6):1495-502

Use of the SADS diagnostic interview in evaluating legal insanity. Rogers R, et al. **J Clin Psychol** 1984 Nov;40(6):1537-41

Age differences in MMPI scale scores from 1,189 psychiatric patients. Schenkenberg T, et al. **J Clin Psychol** 1984 Nov;40(6):1420-6

Self-reported psychiatric symptoms among black, Hispanic, and white outpatients. Skilbeck WM, et al. **J Clin Psychol** 1984 Sep;40(5):1184-9

Cluster analytic methods applied to the Minnesota Multiphasic Personality Inventory in a psychiatric population. Thieret NL, et al. **J Clin Psychol** 1985 Mar;41(2):197-202

Psychological Screening Inventory: a comprehensive review. Vieweg BW, et al. **J Clin Psychol** 1984 Nov;40(6):1382-93

Hand movement quality: a neglected aspect of nonverbal behavior in clinical judgment and person perception. Wallbott HG. **J Clin Psychol** 1985 May;41(3):345-59

The utility of an improved readability short form of the MMPI with elderly male patients. Ward LC, et al. **J Clin Psychol** 1984 Jul;40(4):997-1000

Do community mental health centers serve the chronically ill? The New York experience. Fabisiak SW, et al. **J Community Health** 1985 Spring;10(1):10-6

Bootstrapping diagnoses using Bayes's theorem: it's not worth the trouble. Grove WM. **J Consult Clin Psychol** 1985 Apr;53(2):261-3

Disguise and the structured self-report assessment of psychopathology: I. An analogue investigation. Holden

RR, et al. **J Consult Clin Psychol** 1985 Apr;53(2):211-22

MMPI omitted items: a method for quickly determining individual scale impact. Karol RL. **J Consult Clin Psychol** 1985 Feb;53(1):134-5

Psychodiagnostic testing of sex offenders: a comparative study. Bonheur HH. **J Forensic Sci** 1983 Jan;28(1):49-60

Diagnostic and Statistical Manual-III: a perspective from family court. Garmise R, et al. **J Forensic Sci** 1984 Oct;29(4):1127-39

Psychiatric evaluations of sexual offenders. Packard WS, et al. **J Forensic Sci** 1985 Jul;30(3):715-20

Forensic psychiatric evaluations of women accused of felonies: a three-year descriptive study. Rosner R, et al. **J Forensic Sci** 1985 Jul;30(3):721-9

Geriatric felons examined at a forensic psychiatry clinic. Rosner R, et al. **J Forensic Sci** 1985 Jul;30(3):730-40

A psychological comparison of heterosexuals, transvestites, preoperative transsexuals, and postoperative transsexuals. Beatrice J. **J Nerv Ment Dis** 1985 Jun;173(6):358-65

Complex partial seizures presenting as a psychiatric illness. Stern TA, et al. **J Nerv Ment Dis** 1984 Oct;172(10):625-7

Distinguishing child diagnostic types with early memories. Last JM, et al. **J Pers Assess** 1985 Apr;49(2):187-92

Stability of the personality and symptom scales of the Millon Clinical Multiaxial Inventory. McMahon RC, et al. **J Pers Assess** 1985 Jun;49(3):231-4

Psychodiagnostic test usage: a survey of the society for personality assessment. Piotrowski C, et al. **J Pers Assess** 1985 Apr;49(2):115-9

Diagnostic labeling. The rotten apple stigma. Wilson HS, et al. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):7-10

Surgical staff recognition of psychopathology in trauma patients. Silverman JJ, et al. **J Trauma** 1985 Jun;25(6):544-6

Recognition of mental distress and diagnosis of mental disorder in primary care. Jencks SF. **JAMA** 1985 Apr 5;253(13):1903-7

CT scans in psychiatry [editorial] **Lancet** 1984 Nov 10;2(8411):1080-1

Factors that predict psychiatric consultation in the emergency department. Fenichel GS, et al. **Med Care** 1985 Mar;23(3):258-65

Factors influencing the diagnosis of mental disorder among primary care patients. Kessler LG, et al. **Med Care** 1985 Jan;23(1):50-62

Problem-based interviewing in general practice: a model. Lesser AL. **Med Educ** 1985 Jul;19(4):299-304

A study of 100 consecutive admissions to a psychogeriatric unit. Gilchrist PN, et al. **Med J Aust** 1985 Sep 16;143(6):236-7

Focal signs and brain CT scan in psychiatric patients [letter] Beresford TP, et al. **N Engl J Med** 1985 Aug 8;313(6):388

The episodic dyscontrol syndrome and aggression. Elliott FA. **Neurol Clin** 1984 Feb;2(1):113-25 (50 ref.)

Psychogeriatrics. Shamoian CA. **Neurol Clin** 1984 Feb;2(1):155-72 (63 ref.)

Sudden behavioral change. Guide to initial evaluation. Smith DB, et al. **Neurol Clin** 1984 Feb;2(1):3-22

Psychiatric assessment of children. I. Diagnostic method. Uddenberg G. **Neuropsychobiology** 1984;11(2):77-9

Psychiatric assessment of the school age child. Brent DA. **Pediatr Ann** 1985 May;14(5):371-2, 374-5

Psychiatric problems of children: the pediatrician in diagnosis and treatment [editorial] Levine MI. **Pediatr Ann** 1985 May;14(5):359-61, 364

The neuropsychiatric assessment of the adolescent. Lewis DO. **Pediatr Ann** 1985 May;14(5):378-9, 382

The developmental assessment of the preschool child. Thompson MG. **Pediatr Ann** 1985 May;14(5):365-7, 370

The AMDP system for the documentation of psychiatric symptoms: course and effectivity of a training seminar. Fähndrich E, et al. **Pharmacopsychiatry** 1985 Jul;18(4):278-81

Psychiatric symptoms in endocrine diseases. Keys to identifying the underlying disorder. Peterson LG, et al. **Postgrad Med** 1985 Apr;77(5):233-6, 239

Neuroradiology in psychiatry. Berman KF, et al. **Psychiatr Clin North Am** 1984 Sep;7(3):487-501 (19 ref.)

The acute psychiatric diagnostic interview. Lake CR, et al. **Psychiatr Clin North Am** 1984 Dec;7(4):657-70

Biologic tests in psychiatry. Sternberg DE. **Psychiatr Clin North Am** 1984 Sep;7(3):639-50 (22 ref.)

Systematic diagnostic interviewing of children: present state and future possibilities. Herjanic B. **Psychiatr Dev** 1984 Summer;2(2):115-30

DSM-III: the view from the Canadian academe. Engles ML, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):37-40

Cross-cultural conceptions of mental illness. Baskin D. **Psychiatr Q** 1984 Spring;56(1):45-53

The severity of psychiatric disorder: a replication. Gift TE, et al. **Psychiatry Res** 1985 Feb;14(2):163-73

Diagnostic heterogeneity and the DST in consecutive psychiatric admissions. Keitner GI, et al. **Psychiatry Res** 1985 Mar;14(3):215-23

Informed versus blind: the reliability of cross-sectional ratings of psychopathology. McDonald-Scott P, et al. **Psychiatry Res** 1984 Jul;12(3):207-17

The diagnostic status of patients with conspicuous psychiatric morbidity in primary care. Casey PR, et al. **Psychol Med** 1984 Aug;14(3):673-81

The Chinese version of the General Health Questionnaire: does language make a difference? Chan DW. **Psychol Med** 1985 Feb;15(1):147-55

Foulds' hierarchical model of psychiatric illness in a Dutch cohort: a re-evaluation. de Jong A, et al. **Psychol Med** 1984 Aug;14(3):647-54

Validation of the Italian version of the GHQ in a general practice setting. Fontanesi F, et al. **Psychol Med** 1985 May;15(2):411-5

Recording psychological testing: the Psychological Testing Report Form. Croake JW. **Psychol Rep** 1985 Feb;56(1):171-5

Affective aspects of clinical reasoning: their importance in assessment of behavioral diagnoses in medical patients. Greenberg DB, et al. **Psychol Rep** 1984 Aug;55(1):143-9

Rated clinical utility of the Psychological Inventory of Personality and Symptoms. Vincent KR, et al. **Psychol Rep** 1985 Jun;56(3):847-50

Factors associated with 'masked' psychological illness in the elderly. Goldney RD, et al. **Psychopathology** 1984;17(5-6):228-32

Clarity of request for consultation: its relationship to psychiatric diagnosis. Golinger R, et al. **Psychosomatics** 1985 Aug;26(8):649-50, 653

Identification of psychosomatic and psychic disorders in non-psychiatric in-patients. Künsebeck HW, et al. **Psychother Psychosom** 1984;42(1-4):187-94

Improving mental health practices in primary care: findings from recent research. Burns BJ, et al. **Public Health Rep** 1985 May-Jun;100(3):294-300 (48 ref.)

The relationship between social functioning and psychiatric symptomatology in primary care. Casey PR, et al. **Soc Psychiatry** 1985;20(1):5-9

The Social Interview Schedule (SIS)--content, structure and reliability. Faltermaier T, et al. **Soc Psychiatry** 1985;20(3):115-24

Psychiatric disorders in children and family dysfunction. A study of migrant workers' families. Steinhausen HC. **Soc Psychiatry** 1985;20(1):11-6

Improving the detection of psychiatric problems in cancer patients. Maguire P. **Soc Sci Med** 1985;20(8):819-23

Inappropriate admissions to psychiatric wards. Alarcon RD, et al. **South Med J** 1985 Jul;78(7):827-32

Psychiatric disorders in geriatric medical/surgical patients. Part I: Report of 195 consecutive consultations. Folks DG, et al. **South Med J** 1985 Mar;78(3):239-41

Computerized neurocognitive evaluation. Wanner AL, et al. **W Va Med J** 1985 Aug;81(8):155-7

[Diagnosis and age distribution of patients in the age group 15-24 years admitted to psychiatric departments in Denmark] Schleisner P. **Ugeskr Laeger** 1985 Apr 8;147(15):1287-91 (Eng. Abstr.) **(Dan)**

[Standardized psychiatric examination according to the Wing-Cooper-Sartorius method] Timsit-Berthier M, et al. **Acta Psychiatr Belg** 1984 May-Jun;84(3):252-72 (Eng. Abstr.) **(Fre)**

[Comparison of the A.M.D.P. and P.S.E. on the basis of a standardized integrated interview] Bobon D, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):865-9 **(Fre)**

[Phenomenology and clinometry] Jonckheere P, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):790-5 **(Fre)**

[Nosographic divergences and semeiologic convergences. A unified approach within the framework of a protocol of psychologico-clinical and biological exploration] Macher JP, et al. **Ann Med Psychol (Paris)** 1984 Jul-Aug;142(7):1011-6 **(Fre)**

[Focus on stereotypies in psychiatry] Reverzy JF, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):721-30 **(Fre)**

[Factorial structure of the A.M.D.P.: comparison with German language studies and originality of the French adaptation] Troisfontaines B, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):870-80 **(Fre)**

[A new measure of interrater reliability in individual cases preliminary to the French-speaking A.M.D.P. videotape library] von Frenckell R. **Ann Med Psychol (Paris)** 1984 Jun;142(6):898-902 **(Fre)**

[The dexamethasone suppression test in child and adolescent psychiatry] Dugas M, et al. **Encephale** 1984;10(6):259-66 (Eng. Abstr.) **(Fre)**

[Visual evoked potentials in 8-year-old children. Normal values and applications in pediatric neurology] Rieger H, et al. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov;14(2):109-14 (Eng. Abstr.) **(Fre)**

[Psychiatric problems in aeronautic medicine] Deriaz M. **Rev Med Suisse Romande** 1985 Jun;105(6):533-40 **(Fre)**

[Psychiatric diseases and symptoms in an outpatient clinic population of children of guest workers] Holstein K. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):217-28 (Eng. Abstr.) **(Ger)**

[Use of a microcomputer for routine studies and research in the field of clinical psychodiagnosis] Grünberger J, et al. **Biomed Tech (Berlin)** 1984 Nov;29(11):283-8 (18 ref.) (Eng. Abstr.) **(Ger)**

[The myth of the lucid interval. Evaluation of testability] Rasch W, et al. **Lebensversicherungsmedizin** 1985 Jan 1;37(1):2, 4, 6-8 (Eng. Abstr.) **(Ger)**

[A decade of diagnostic and biologic research in French psychiatry] Boyer P. **Nervenarzt** 1985 Jul;56(7):379-82 **(Ger)**

[The presuicidal syndrome in children and adolescents] Löchel M. **Prax Kinderpsychol Kinderpsychiatr** 1984 Aug-Sep;33(6):214-21 (Eng. Abstr.) **(Ger)**

[Forensic activity and scientific research] Weinschenk C. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):363-7 **(Ger)**

[Uses and disturbing effect of videodocumentation of diagnostic interviews] Neuser J. **Psychiatr Prax** 1984 Nov;11(6):190-5 (Eng. Abstr.) **(Ger)**

[Analysis of a patient population of the neurologic-psychiatric admission department of a central prison hospital] Schulte RM. **Psychiatr Prax** 1985 May;12(3):78-83 (Eng. Abstr.) **(Ger)**

[The role of psychodiagnosis in clinical psychology and psychiatric neurology] Göth N. **Z Arztl Fortbild (Jena)** 1984;78(18):787-90 **(Ger)**

[A questionnaire for the detection of psychiatric and somatic complaints in the elderly] Hautzinger M. **Z Gerontol** 1984 Jul-Aug;17(4):223-6 (Eng. Abstr.) **(Ger)**

[Diagnostic judgment in psychoanalysis. A name for a subject or the result of communication processes?] Streeck U. **Z Psychosom Med Psychoanal** 1984;30(4):303-13 (Eng. Abstr.) **(Ger)**

[Psychiatric problems and therapeutic measures in the office of the general practitioner] Rizzardo R, et al. **Minerva Med** 1984 Nov 10;75(43):2579-83 (Eng. Abstr.) **(Ita)**

[Application of new diagnostic standards: ICD-9 and DSM-III] **Seishin Shinkeigaku Zasshi** 1984;86(6):448-79 **(Jpn)**

[Child and adolescent psychiatry] **Seishin Shinkeigaku Zasshi** 1984;86(8):668-87 **(Jpn)**

[Battered women. Do battered women need psychiatric help?] Tjora E. **Tidsskr Nor Laegeforen** 1985 May 20;105(14):962-3 (Eng. Abstr.) **(Nor)**

[Psychopathological aspects of adolescence and youth] Predescu V, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Jul-Sep;29(3):213-22 (Eng. Abstr.) **(Rum)**

[Determination of the risk factors in the development of borderline mental disorders, by electropolygraphic analysis] Dutov VB. **Voen Med Zh** 1984 Sep;(9):33-6 **(Rus)**

[The operational aspect of thought in psychopathology. Analytic factors and classification of technics] Khersonskii BG. **Zh Nevropatol Psikhiatr** 1984;84(12):1832-8 (Eng. Abstr.) **(Rus)**

[Clinical features of asthenic conditions in young persons] Korkina MV, et al. **Zh Nevropatol Psikhiatr** 1984;84(11):1690-5 (Eng. Abstr.) **(Rus)**

[Contribution to the study of minor neurologic signs in clinical psychiatry] de la Gándara Martín JJ. **Arch Neurobiol (Madr)** 1985 Jan-Feb;48(1):26-50 (Eng. Abstr.) **(Spa)**

[Psychiatric morbidity in patients with neoplasms of the breast] Salvador L, et al. **Med Clin (Barc)** 1984 Jun 23;83(4):142-5 (Eng. Abstr.) **(Spa)**

[Clinical indicators of psychiatric change in general medical practice] Caraveo JJ, et al. **Salud Publica Mex** 1985 Mar-Apr;27(2):140-8 (Eng. Abstr.) **(Spa)**

[Swedish research in frontline. Positron emission tomography shows the brain's receptor functions in psychiatric diseases] Farde L, et al. **Lakartidningen** 1984 Nov 28;81(48):4519-21 **(Swe)**

DRUG THERAPY

26th annual psychopharmacological meeting. Jesenik Spa. January 1984. Proceedings, 2nd part. Abstracts. **Act Nerv Super (Praha)** 1985 Mar;27(1):26-72

1st Czechoslovak Conference on Biological Psychiatry. Karlovy Vary (Karlsbad), September 1983. Abstracts. **Act Nerv Super (Praha)** 1985 Mar;27(1):60-72

26th annual psychopharmacological meeting. Jesenik Spa. Czechoslovakia, January 3-7, 1984. Proceedings, 1st part. Abstracts. **Act Nerv Super (Praha)** 1984 Dec;26(4):1-280

Adverse drug reactions--an epidemiological study at psychiatric hospitals [letter] Chaturvedi SK. **Acta Psychiatr Scand** 1985 Feb;71(2):204-5

Tardive dystonia and severe tardive dyskinesia. A comparison of risk factors and prognosis. Gimenez-Roldán S, et al. **Acta Psychiatr Scand** 1985 May;71(5):488-94

Geriatric psychopharmacology. Salzman C. **Annu Rev Med** 1985;36:217-28

Tardive dyskinesia in the aged. Duration of treatment relationships. Toenniessen LM, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):278-84

Considerations in beta-adrenergic blocker evaluation [letter] Yudofsky S, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1185-6

Salivary lithium: a trial of Selinger's method in Sri Lanka. Richardson RE, et al. **Biol Psychiatry** 1984 Jul;19(7):1129-32

Effects of phenothiazine treatment on the physical properties of platelet membranes from psychiatric patients. Zubenko GS, et al. **Biol Psychiatry** 1985 Apr;20(4):384-96

Medication mini-doses in some aged patients [letter] Cole M. **Can J Psychiatry** 1984 Nov;29(7):632

Major tranquilizer usage in psychiatric patients at Veterans Administration treatment facilities. Murphy JM. **Clin Ther** 1984;6(5):699-707

Pharmacotherapy of the chronic patient: gender and diagnostic factors. Dworkin RJ, et al. **Community Ment Health J** 1984 Winter;20(4):253-61

Polypharmacy in psychiatric practice. Schüssler G, et al. **Compr Psychiatry** 1984 Nov-Dec;25(6):566-74

A psychobiologic perspective in treating psychiatric disorders. Garver DL. **Compr Ther** 1984 Dec;10(12):3-6

Vitamins in psychiatry. Do they have a role? Petrie WM.

et al. **Drugs** 1985 Jul;30(1):58-65 (48 ref.)

Prescribing patterns in an outpatient psychiatric clinic. Schulz P, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(4):220-3

Treatment refusal [letter] Wehler R. **Hosp Community Psychiatry** 1984 Dec;35(12):1236

Use of drugs in child psychiatry. Sitholey P. **Indian J Pediatr** 1984 Jul-Aug;51(411):467-75 (64 ref.)

An empirical view of patients exercising their right to refuse treatment. Bloom JD, et al. **Int J Law Psychiatry** 1984; 7(3-4):315-28

The pharmacokinetization of psychiatry [editorial] Greenblatt DJ. **J Clin Pharmacol** 1985 May-Jun; 25(4):239-40

The pharmacotherapy-psychotherapy triangle: psychiatrist, nonmedical psychotherapist, and patient. Beitman BD, et al. **J Clin Psychiatry** 1984 Nov;45(11):458-9

Accuracy and safety of a priori lithium loading. Kook KA, et al. **J Clin Psychiatry** 1985 Feb;46(2):49-51

Interpatient variations in antipsychotic therapy. McIntyre IM, et al. **J Clin Psychiatry** 1985 May;46(5 Pt 2):3-5

Clinical experience with molindone hydrochloride in geriatric patients. Peper M. **J Clin Psychiatry** 1985 Aug; 46(8 Pt 2):26-9

Blood levels of neuroleptics: state of the art. Simpson GM, et al. **J Clin Psychiatry** 1985 May;46(5 Pt 2):22-8 (35 ref.)

Compliance issues in outpatient treatment. Kane JM. **J Clin Psychopharmacol** 1985 Jun;5(3 Suppl):22S-27S

MAOIs and drug interactions--a proposal for a clearinghouse. Shader RI, et al. **J Clin Psychopharmacol** 1985 Jun;5(3):A17

Focal neuroleptization: an approach to optimal dosing for initial and continuing therapy. Tupin JP. **J Clin Psychopharmacol** 1985 Jun;5(3 Suppl):15S-21S

Psychotropic drug effects contributing to psychiatric hospitalization of children: a preliminary study. Fialkov MJ, et al. **J Dev Behav Pediatr** 1984 Dec;5(6):325-30

Propranolol for episodic dyscontrol syndrome. Roach NE, et al. **J Kans Med Soc** 1984 Sep;85(9):240-1, 247

Current status of institutionalized mental health patients' right to refuse psychotropic drugs. Kemna DJ. **J Leg Med (Chicago)** 1985 Mar;6(1):107-38 (0 ref.)

Drug information disclosed to patients prescribed antipsychotic medication. Benson PR. **J Nerv Ment Dis** 1984 Nov;172(11):642-53

Treatment of episodic behavioral disorders with rapidly absorbed benzodiazepines. Griffith JL. **J Nerv Ment Dis** 1985 May;173(5):312-5

Do Asians need less medication? Tien JL. **J Psychosoc Nurs Ment Health Serv** 1984 Dec;22(12):19-22

Psychotropic drug use in older people: a review. Greene JA. **J Tenn Med Assoc** 1985 Jul;78(7):431-5

Dangers of orphenadrine in psychiatric patients [letter] Sangster B. **Lancet** 1985 Aug 3;2(8449):280

The pharmacokinetics of some psychoactive drugs and relationships to clinical response. Gottschalk LA. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):275-82 (33 ref.)

The clinical significance of halopemide, a dopamine-blocker related to the butyrophenones. De Cuyper H, et al. **Neuropsychobiology** 1984;12(4):211-6

The effect of milenperone on the aggressive behavior of psychogeriatric patients. A double-blind placebo-controlled study. De Cuyper H, et al. **Neuropsychobiology** 1985;13(1-2):1-6

Cognitive-psychomotor functions with regard to fitness for driving of psychiatric patients treated with neuroleptics and antidepressants. Gerhard U, et al. **Neuropsychobiology** 1984;12(1):39-47

Computer-assisted EEG topography as a tool in the evaluation of actions of psychoactive drugs in patients. Pockberger H, et al. **Neuropsychobiology** 1984; 12(2-3):183-7

Effects of psychotropic drugs on discrimination conditioning in olfactory bulbectomized rats. Gomita Y, et al. **Pharmacol Biochem Behav** 1985 May;22(5):717-22

Lithium adverse reactions in psychiatric patients. Paragas MG. **Pharmacol Biochem Behav** 1984;21 Suppl 1:65-9 (68 ref.)

A review of clinical trials of lithium in medicine. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:51-5 (101 ref.)

Proceedings of the congress of the AGNP. Nuremberg, 1983. Abstracts. **Pharmacopsychiatry** 1985 Jan;18(1):1-177

The private practice study group as phase-IV research tool. Helmchen H, et al. **Pharmacopsychiatry** 1984 Sep; 17(5):157-61

Therapist compliance or phase IV necessities [editorial] Linden M. **Pharmacopsychiatry** 1984 Sep;17(5):139

A common single binding site for many psychotropic drugs on human alpha 1-acid glycoprotein. Therapeutically relevant observation? Müller WE. **Pharmacopsychiatry** 1985 Jul;18(4):257-8

Therapeutic responses to tricyclic antidepressants and related drugs in non-affective disorder patient populations. Murphy DL, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(1):3-13 (52 ref.)

Utilization of patient expertise in medication groups. Diamond RJ, et al. **Psychiatr Q** 1984 Spring;56(1):13-9

Annual NCDEU meeting (1984). Abridged proceedings. New Clinical Drug Evaluation Unit, NIH. May 20-23, 1984, Key Biscayne, Florida. **Psychopharmacol Bull** 1985; 21(1):1-152

Psychopharmacologic treatment and informed consent: empirical research. Stanley B, et al. **Psychopharmacol Bull** 1985;21(1):110-3

Psychotropics during pregnancy and lactation: a review. Calabrese JR, et al. **Psychosomatics** 1985 May;26(5):413-6, 424-6

Use of psychotropic drugs in Finland. Riska E, et al. **Soc Sci Med** 1984;19(9):983-9

[Psychopharmacologic therapy in children] Balant-Gorgia AE, et al. **Neuropsychiatr Enfance Adolesc** 1984 Sep; 32(9):415-31 (Eng. Abstr.) **(Fre)**

[Use of sultopride in child and adolescent psychiatry] Dugas M, et al. **Neuropsychiatr Enfance Adolesc** 1984 Oct-Nov; 32(10-11):557-62 **(Fre)**

[Prescription of psychotropic drugs in child psychiatry] Massari B. **Neuropsychiatr Enfance Adolesc** 1984 Sep; 32(9):433-41 (Eng. Abstr.) **(Fre)**

[Prescribing psychoactive drugs for children] Bläker F, et al. **Monatsschr Kinderheilkd** 1985 May;133(5):307-9 **(Ger)**

[Drug monitoring in psychiatry] Helmchen H, et al. **Nervenarzt** 1985 Jan;56(1):12-8 **(Ger)**

[Unwanted drug effects of psychotropic drugs in neurologic practice] Schmidt LG, et al. **Nervenarzt** 1985 Jan; 56(1):19-24 **(Ger)**

[Influence of treatment course on the success of psychopharmacotherapy] Gaebel W. **Psychiatr Prax** 1985 Jan;12(1):13-8 (Eng. Abstr.) **(Ger)**

[Influence of psychologic-social factors on the success of psychopharmacotherapy--effect of treatment milieu] Kanowski S. **Psychiatr Prax** 1985 Jan;12(1):1-4 (Eng. Abstr.) **(Ger)**

[Influence of social factors on the success of psychopharmacotherapy] Pietzcker A. **Psychiatr Prax** 1985 Jan;12(1):19-22 (Eng. Abstr.) **(Ger)**

[Influence of personality factors on the success of psychopharmacotherapy] Rüger U. **Psychiatr Prax** 1985 Jan;12(1):5-7 (Eng. Abstr.) **(Ger)**

[Various aspects of psychopharmacotherapy in advanced age] Böhm M. **ZFA** 1984 Nov-Dec;39(6):333-6 (Eng. Abstr.) **(Ger)**

[Use of propranolol and other beta-adrenolytic drugs in the treatment of nervous system diseases] Głuszcz-Zielińska A. **Wiad Lek** 1984 Nov 15;37(22):1781-6 (Eng. Abstr.) **(Pol)**

[Arguable positions in the article by A. B. Smulevich and G. P. Panteleeva, 'Various pressing problems in clinical psychopharmacology' (letter)] Kantariia VA, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):141-2 **(Rus)**

[Has psychopharmacotherapy had any effect on the chronicity of mental patients? (apropos of the article by A.B. Smulevich and G.P. Panteleev) (letter)] Krasik ED, et al. **Zh Nevropatol Psikhiatr** 1985;85(7):1077-9 **(Rus)**

[Use of psychotropic drugs in general somatic practice] Smulevich AB, et al. **Zh Nevropatol Psikhiatr** 1985; 85(4):594-9 (Eng. Abstr.) **(Rus)**

ECONOMICS

Mental illness and the economy. Feldman S. **Bull Pan Am Health Organ** 1984;18(4):364-70 (10 ref.)

Toward diagnostic related groups in child psychiatry: a preliminary study. Forness SR, et al. **J Am Acad Child Psychiatry** 1985 May;24(3):266-72

ENZYMOLOGY

Mixture distributions in psychiatric research. Gibbons RD, et al. **Biol Psychiatry** 1984 Jul;19(7):935-61

Prevalence of partial cerebroside sulfate sulfatase (arylsulfatase A) defect in adult psychiatric patients. Shah SN, et al. **Biol Psychiatry** 1985 Jan;20(1):50-7

Status of cholinesterase activities in blood in neuropsychiatric disorders. Deutsch SI, et al. **Neurochem Res** 1984 Jul; 9(7):863-9 (25 ref.)

[Monoamine oxidase in mental diseases] Varečka L. **Bratisl Lek Listy** 1984 Aug;82(2):1011-20 (71 ref.) **(Slo)**

ETIOLOGY

Psychiatric reactions complicating intracapsular cataract surgery. A 5 years follow-up. Karhunen U, et al. **Acta Ophthalmol (Copenh)** 1985 Feb;63(1):45-9

Altered behavior and memory loss [clinical conference] Mickel HS, et al. **Am J Emerg Med** 1984 Sep;2(5):414-9

Mother-blaming in major clinical journals. Caplan PJ, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):345-53

Value of difficult temperament among 7-year-olds in the general population for predicting psychiatric diagnosis at age 12. Maziade M, et al. **Am J Psychiatry** 1985 Aug; 142(8):943-6

Measuring the effects of solitary confinement [letter] Suedfeld P. **Am J Psychiatry** 1984 Oct;141(10):1306-8

Conditioning and the origins of psychopathology [letter] Barlow DH. **Arch Gen Psychiatry** 1985 Sep;42(9):928

1983 World Health Organization symposium on psychovirology [letter] Kaufmann CA, et al. **Arch Gen Psychiatry** 1984 Dec;41(12):1184-5

Psychopathology and epilepsy [letter] Burton-Bradley BG. **Biol Psychiatry** 1985 Feb;20(2):229

Trace elements in psychiatric illness. Srinivasan DP. **Br J Hosp Med** 1984 Aug;32(2):77-9

The impact of political violence on mild psychiatric morbidity in northern Ireland. Cairns E, et al. **Br J Psychiatry** 1984 Dec;145:631-5

Vampirism--a clinical condition. Prins H. **Br J Psychiatry** 1985 Jun;146:666-8

Psychiatric illness in inpatients with neurological disorders: patients' views on discussion of emotional problems with neurologists. Bridges KW, et al. **Br Med J [Clin Res]** 1984 Sep 15;289(6446):656-8

An evolutionary perspective on psychiatry. Nesse RM. **Compr Psychiatry** 1984 Nov-Dec;25(6):575-80

Screening for phenylketonuria in chronic psychiatric inpatients. Szymanski HV, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):936-8

Psychiatric disorders in opioid-dependent patients. O'Brien CP, et al. **J Clin Psychiatry** 1984 Dec;45(12 Pt 2):9-13

The birth seasonality effect in nonschizophrenic psychiatric patients. Watson CG, et al. **J Clin Psychol** 1984 Jul; 40(4):884-8

Economic antecedents of help seeking: reformulation of time-series tests. Catalano RA, et al. **J Health Soc Behav** 1985 Jun;26(2):141-52

Psychiatric symptoms in carcinoid syndrome. Trivedi S. **J Indian Med Assoc** 1984 Aug;82(8):292-4

Emotional and physical factors in the genesis of puerperal mental disorders. Kendell RE. **J Psychosom Res** 1985; 29(1):3-11 (42 ref.)

Psychiatric illness in expatriates. Dally P. **J R Coll Physicians Lond** 1985 Apr;19(2):103-4

Stress: different concepts for different people. Mlott SR. **J SC Med Assoc** 1985 Mar;81(3):133-7

Unemployment and health [letter] **Lancet** 1984 Dec 22; 2(8417-18):1464-5

Mental and physical health consequences of disasters [editorial] Raphael B. **Med J Aust** 1985 Sep 2;143(5):180-1

Epidemiology of post-traumatic encephalopathy in boxers. Mortimer JA. **Minn Med** 1985 Apr;68(4):299-300

Neurologic, psychiatric, and cardiovascular complications in children struck by lightning. Kotagal S, et al. **Pediatrics** 1982 Aug;70(2):190-2

A synopsis on metals in medicine and psychiatry. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:41-7

Mental disorder in old age--medical and social risk factors. Häfner H. **Pharmacopsychiatry** 1985 Jan;18(1):6-9

Southeast Asian refugees of Rhode Island: psychiatric problems, cultural factors, and nightmare death. Ingall MA. **RI Med J** 1984 Aug;67(8):369-72

Aviation safety--physical and mental incapacitation. Bennett G. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:76-84

Mental aberration in flight. Nagano H. **Sangyo Ika Daigaku Zasshi** 1985 Mar 1;7 Suppl:59-65

Upper gastrointestinal and mental symptoms in the irritable bowel syndrome. Svedlund J, et al. **Scand J Gastroenterol** 1985 Jun;20(5):595-601

Psychological and physical long-term effects of torture. A follow-up examination of 22 Greek persons exposed to torture 1967-1974. Petersen HD, et al. **Scand J Soc Med** 1985;13(3):89-93

Unemployment and mental disturbance. Lehtinen V. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):505-9

[An analysis of 1,622 psychiatric emergency cases] Luo HC. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Jun; 17(3):137-9 (Eng. Abstr.) **(Chi)**

[Psychiatric disorders in hospitalized cancer patients--a study of 135 referrals with matched controls] Lee MB. **Taiwan I Hsueh Hui Tsa Chih** 1985 Mar;84(3):368-80 (Eng. Abstr.) **(Chi)**

[What remains of Dercum's disease?] Pouliquen A, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):730-7 **(Fre)**

[Neuropsychiatric forms of tuberculous meningoencephalitis] el Alaoui Faris M, et al. **Maroc Med** 1985 Jun;7(2):580-96 (Eng. Abstr.) **(Fre)**

[Psychic disorders in systemic lupus erythematosus. Prospective study of 35 cases] Nollet D, et al. **Presse Med** 1985 Feb 16;14(7):401-4 (Eng. Abstr.) **(Fre)**

[Ghost hunters. Intellectual inhibition, team problems and family secrets] Diatkine G. **Psychiatr Enfant** 1984; 27(1):223-48 **(Fre)**

[Constraint--delusion--depression--melancholy: decomposition of normal ways of existence] Tellenbach H. **Sudhoffs Arch Beih** 1984;(24):139-46 **(Ger)**

[Proposal for evaluating the psychological effects of exposure to non-ionizing radiation in the work environment] Antoniazzi D, et al. **G Ital Med Lav** 1983 Jul;5(4):181-6 (Eng. Abstr.) **(Ita)**

[Evaluation of the mental state of children with early-childhood onset of epilepsy treated between 1977 and 1981 (preliminary report)] Popielarska M, et al. **Neurol Neurochir Pol** 1984 Nov-Dec;18(6):523-8 (Eng. Abstr.) **(Pol)**

[Psychologico-medical problems of Hitler's concentration camps in Italian literature] Godorowski K. **Przegl Lek** 1985; 42(1):191-6 **(Pol)**

[Clinico-psychopathologic aspects of acute craniocerebral injuries] Golodets RG, et al. **Zh Nevropatol Psikhiatr** 1984; 84(12):1848-52 (Eng. Abstr.) **(Rus)**

[Initial neuropsychiatric disorders in children with hepatitis and the effect of microsocial-psychological factors on their development] Voronkov BV. **Zh Nevropatol Psikhiatr** 1984;84(10):1523-6 (Eng. Abstr.) **(Rus)**

[Interictal psychopathologic manifestations in epileptics] Barraquer-Bordas L. **Med Clin (Barc)** 1985 Jun 15;

85(3):114-7 **(Spa)**

[Residential characteristics and psychological disorders--the need for social diagnosis] Cullberg J. **Lakartidningen** 1985 Jun 12;82(24):2218-24 **(Swe)**

FAMILIAL & GENETIC

Hereditary diffuse leucoencephalopathy with spheroids. Axelsson R, et al. **Acta Psychiatr Scand [Suppl]** 1984; 314:1-65

Early home environment and retrospective recall: a test for concordance between siblings with and without psychiatric disorders. Robins LN, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):27-41

Chronic pain: lifetime psychiatric diagnoses and family history. Katon W, et al. **Am J Psychiatry** 1985 Oct; 142(10):1156-60

Psychiatric illness in first-degree relatives of schizophrenic and surgical control patients. A family study using DSM-III criteria. Kendler KS, et al. **Arch Gen Psychiatry** 1985 Aug;42(8):770-9

Parental mental illness and psychiatric disorders in 'at risk' children. Cantwell DP, et al. **J Clin Psychiatry** 1984 Dec; 45(12):503-7

Psychiatric disorders among relatives of surgical controls. Tsuang MT, et al. **J Clin Psychiatry** 1984 Oct;45(10):420-2

Disordered molecules and diseased minds. Rose SP. **J Psychiatr Res** 1984;18(4):351-60

Biological markers in mental disorders: an overview. Shepherd M. **J Psychiatr Res** 1984;18(4):555-6

For better, for worse [editorial] **Lancet** 1985 Aug 10; 2(8450):315

Psychiatric assessment of children. II. Comparison with mothers. Uddenberg G, et al. **Neuropsychobiology** 1984; 11(2):80-4

Molecular genetic approaches to neurologic and psychiatric diseases. Rosenberg MB, et al. **Prog Neurobiol** 1985; 24(2):95-140 (297 ref.)

[Prognosis in the development of genetic research in mental disorders] Zvolský P. **Cesk Psychiatr** 1984 Aug; 80(4):259-62 (Eng. Abstr.) **(Cze)**

[Study of children whose parents have both been hospitalized for psychiatric disorders] Fischer M, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):327-30 (Eng. Abstr.) **(Dan)**

[Research on the infants of deprived families] David M, et al. **Psychiatr Enfant** 1984;27(1):175-222 **(Fre)**

[Somatic and mental changes in sex chromosome anomalies (a review of the literature)] Petrukhina TE. **Voen Med Zh** 1985 Mar;(3):38-41 (10 ref.) **(Rus)**

[Clinical characteristics of the psychopathological variant of hereditary purinosis] Bulakhova LA, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1350-3 (Eng. Abstr.) **(Rus)**

[Neuropsychiatric disorders in children whose relatives have epilepsy] Rogacheva TA. **Zh Nevropatol Psikhiatr** 1985; 85(6):871-4 (Eng. Abstr.) **(Rus)**

HISTORY

'The other half of medicine' and St. Bartholomew's Hospital. Clare AW. **Br J Psychiatry** 1985 Feb;146:120-6

Millerism and madness. A study of 'religious insanity' in nineteenth-century America. Numbers RL, et al. **Bull Menninger Clin** 1985 Jul;49(4):289-320

Nervous disease and malingering: the status of psychosomatic concepts in nineteenth century medicine. McMahon CE. **Int J Psychosom** 1984;31(3):15-9

Relevance without presentism. 'Mental illness and American society, 1875-1940.' By Gerald Grob. Essay review. Wallace ER 4th. **J Hist Med Allied Sci** 1984 Jul;39(3):374-7

Nostalgia and malingering in the military during the Civil War. Anderson DL, et al. **Perspect Biol Med** 1984 Autumn; 28(1):156-66

Sin and mental illness in the Middle Ages. Kroll J, et al. **Psychol Med** 1984 Aug;14(3):507-14

Psychiatry in the 1880s. Savage GH. **Psychol Med** 1984 Aug; 14(3):723-4

[Van Gogh, the stigmatized man of the society] Bénézech M, et al. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1161-71 (Eng. Abstr.) **(Fre)**

[Madness in Zola's writing. II. Interactions of insanity in La Joie de Vivre. 1. Situations and psychopathologic types] Fernandez-Zoïla A. **Ann Med Psychol (Paris)** 1985 Jan; 143(1):1-13 (Eng. Abstr.) **(Fre)**

[Apropos of a village of the deranged. Debate on Gheel in the Medico-Psychological Society around 1860] Rostain B, et al. **Ann Med Psychol (Paris)** 1985 Feb;143(2):196-204 **(Fre)**

[Publicity and purism in the history of psychiatry] Heinrich K. **Fortschr Neurol Psychiatr** 1985 May;53(5):177-84 (Eng. Abstr.) **(Ger)**

[Healing of a mental patient in the late Middle Ages. Community therapy by Hildegard of Bingen] Schipperges H. **Z Klin Psychol Psychopathol Psychother** 1985; 33(1):58-64 (Eng. Abstr.) **(Ger)**

[Historical development of the concept of insanity] Spinetti G, et al. **Minerva Psichiatr** 1985 Jan-Mar;26(1):75-7 (Eng. Abstr.) **(Ita)**

[A study of Goyodomecho (an official record) of Mutsu-Moriyama-domain (Japan, the Edo period) from a psychiatric viewpoint; with special regard to folk concepts of mental illness] Hiruta G. **Seishin Shinkeigaku Zasshi** 1984;86(9):699-735 (Eng. Abstr.) **(Jpn)**

[Don Diego Portales and the Paddock case] Costa-Casaretto C. **Rev Med Chil** 1984 Aug;112(8):842-8 **(Spa)**

IMMUNOLOGY

Autoantibodies in patients with psychiatric disease [letter] Hazelton RA. **Aust NZ J Psychiatry** 1984 Jun;18(2):191-2

METABOLISM

Biological markers in mental disorders: post-mortem studies. Rossor M. **J Psychiatr Res** 1984;18(4):457-65 (54 ref.)

Endorphins in psychiatry. Emrich HM. **Psychiatr Dev** 1984 Summer;2(2):97-114

Panic disorder and major depression: biological relationships. Roy-Byrne PP, et al. **Psychopharmacol Bull** 1985; 21(3):551-4

[Psychiatric use of the thyroid stimulation test (TRH-test)] Bánki CM. **Orv Hetil** 1985 Jul 7;126(27):1639-44 (Eng. Abstr.) **(Hun)**

[Level of dopamine in structures of the nigro-striatal and mesolimbic systems of the brain in experimental pathology of higher nervous activity in the rat] Saul'skaia NB. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):561-4 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Detection of serum antibodies to Borna disease virus in patients with psychiatric disorders. Rott R, et al. **Science** 1985 May 10;228(4700):755-6

MORTALITY

Mortality in the long-stay population of Dutch mental hospitals. Brook OH. **Acta Psychiatr Scand** 1985 Jun; 71(6):626-35

The Iowa record-linkage study. I. Suicides and accidental deaths among psychiatric patients. Black DW, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):71-5

The Iowa record-linkage study. III. Excess mortality among patients with 'functional' disorders. Black DW, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):82-8

Mortality in a follow-up of 500 psychiatric outpatients. II. Cause-specific mortality. Martin RL, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):58-66

Mortality in a follow-up of 500 psychiatric outpatients. I. Total mortality. Martin RL, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):47-54

Mortality studies in psychiatry. Should they stop or proceed? Tsuang MT, et al. **Arch Gen Psychiatry** 1985 Jan; 42(1):98-103

A survey of unexpected deaths among psychiatric in-patients and ex-patients. Shaw S, et al. **Br J Psychiatry** 1984 Nov; 145:473-6

Accidental and homicidal death in a psychiatric emergency room population. Hillard JR, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):640-3

Excess mortality among psychiatric patients. The Iowa Record-Linkage Study. Black DW, et al. **JAMA** 1985 Jan 4;253(1):58-61

Excess mortality among psychiatric patients [letter] Masterson E, et al. **JAMA** 1985 Jul 19;254(3):360

Suicide and psychiatric patients. Roy A. **Psychiatr Clin North Am** 1985 Jun;8(2):227-41 (77 ref.)

[Fatalities in the course of hospitalization in a psychiatric hospital (paragraph 63 StGb)] Bischof HL. **Psychiatr Prax** 1985 May;12(3):84-9 (Eng. Abstr.) **(Ger)**

[The statistics of mortality in a private mental hospital. The data for the years 1969-1982] Kobayashi H, et al. **Seishin Shinkeigaku Zasshi** 1984;86(4):295-306 **(Jpn)**

NURSING

Recent trends and issues in psychiatric-mental health nursing. Pearlmutter DR. **Hosp Community Psychiatry** 1985 Jan; 36(1):56-62

Community care of psychiatric patients in India. Pai S, et al. **Int Nurs Rev** 1984 Sep-Oct;31(5):149-51

Caring for the elderly mentally infirm at home: a survey of the supporters. Gilleard CJ, et al. **J Epidemiol Community Health** 1984 Dec;38(4):319-25

Territorial behavior among the institutionalized. A nursing perspective. Cooper KH. **J Psychosoc Nurs Ment Health Serv** 1984 Dec;22(12):6-11

OCCURRENCE

Mental health in the climacteric. The longitudinal study of women in Gothenburg. Hällström T, et al. **Acta Obstet Gynecol Scand [Suppl]** 1985;130:13-8

Prevalence of mental disorder in an urban population in central Sweden in relation to social class, marital status and immigration. Halldin J. **Acta Psychiatr Scand** 1985 Feb; 71(2):117-27

Mental disorders in patients admitted to a general hospital in western Ethiopia 1960-1970. Jacobsson L. **Acta Psychiatr Scand** 1985 Apr;71(4):410-6

Psychiatric morbidity and psychosocial background in an outpatient population of a general hospital in western Ethiopia. Jacobsson L. **Acta Psychiatr Scand** 1985 Apr; 71(4):417-26

Prevalence of psychological disorders in the Athens area. Prediction of causal factors. Madianos M, et al. **Acta Psychiatr Scand** 1985 May;71(5):479-87

Map analyses of psychiatric services. The application of a computerized psychiatric case register to geographical analysis. Stefansson CG. **Acta Psychiatr Scand** 1984 Nov; 70(5):515-22

Psychiatric disorders (DSM-III) and cognitive impairment among the elderly in a U.S. urban community. Weissman MM, et al. **Acta Psychiatr Scand** 1985 Apr;71(4):366-79

Register studies: data from four areas in Northern Italy. Torre E, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:87-94

Mental illness and physical health in older people. Maule MM, et al. **Age Ageing** 1984 Nov;13(6):349-56

NIMH study measures prevalence of mental illness in U.S. [news] **Am Fam Physician** 1985 Mar;31(3):261-2

Psychiatric epidemiology and clinical psychiatry [letter] Klerman GL, et al. **Am J Psychiatry** 1985 Sep; 142(9):1123-4

Mental disorders among physical disability determination patients. Leeper JD, et al. **Am J Public Health** 1985 Jan; 75(1):78-9

Psychiatric disorders. A rural/urban comparison. Blazer D, et al. **Arch Gen Psychiatry** 1985 Jul;42(7):651-6

Mortality and community mental health. The Alachua County, Florida, mortality study. Narkush RE, et al. **Arch Gen Psychiatry** 1977 Dec;34(12):1393-401

Epidemiology: reflections on testing the validity of psychiatric interviews. Robins LN. **Arch Gen Psychiatry** 1985 Sep;42(9):918-24

Minor psychiatric morbidity in employed young men and women and its contribution to sickness absence. Jenkins R. **Br J Ind Med** 1985 Mar;42(3):147-54

Academic difficulty among male Egyptian university students. II. Associations with demographic and psychological factors. Okasha A, et al. **Br J Psychiatry** 1985 Feb;146:144-50

Academic difficulty among male Egyptian university students. I. Association with psychiatric morbidity. Okasha A, et al. **Br J Psychiatry** 1985 Feb;146:140-4

Mates of schizophrenic mothers. A study of assortative mating from the American-Danish high risk project. Parnas J. **Br J Psychiatry** 1985 May;146:490-7

The prevalence of chronic psychiatric morbidity: a community sample. Stanley B, et al. **Br J Psychiatry** 1985 Apr;146:372-6

Urban factors in mental disorders--an epidemiological approach. Shepherd M. **Br Med Bull** 1984 Oct;40(4):401-4 (21 ref.)

Boom town mental health. Bland RC, et al. **Can J Psychiatry** 1984 Dec;29(8):687-92

Fluctuations in mood and psychological distress during the menstrual cycle. O'Neil MK, et al. **Can J Psychiatry** 1984 Aug;29(5):373-8

Children of parental divorce: vulnerable or invulnerable? [editorial] Robson BE. **Can J Psychiatry** 1985 Jun;30(4):239

Forensic psychiatric assessments in the Northwest territories. Seltzer A, et al. **Can J Psychiatry** 1984 Dec;29(8):665-8

Family breakdown and its effects on emotional disorders in children. Shamsie J. **Can J Psychiatry** 1985 Jun;30(4):281-7 (48 ref.)

Teaching an awareness of psychiatric morbidity in primary health care. Buchan T, et al. **Cent Afr J Med** 1984 Dec; 30(12):247-51

Emotionally disturbed, adopted, inpatient adolescents. Senior N, et al. **Child Psychiatry Hum Dev** 1985 Spring; 15(3):189-97

A community survey of psychological impairment among Anglo- and Mexican Americans and its relationship to service utilization. Griffith J. **Community Ment Health J** 1985 Spring;21(1):28-41

The distribution of psychiatric morbidity in black Americans: a review and suggestions for research. Neighbors HW. **Community Ment Health J** 1984 Fall;20(3):169-81

Psychiatric morbidity in a general medical clinic in Nigeria. Oduwole O, et al. **East Afr Med J** 1984 Oct;61(10):748-51

A method for estimating the chronic mentally ill population in state and local areas. Ashbaugh JW, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):389-93

Mental illness among nursing home patients. Rovner BW, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):119-20, 128

Patterns of childhood psychiatric disorders in India. Malhotra S, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):235-40

Impaired physicians: an Iowa perspective. Dodd JL. **Iowa Med** 1984 Dec;74(12):517-22

The epidemiology of psychiatric disorders in the elderly [editorial] Blazer D. **J Am Geriatr Soc** 1985 Apr;33(4):226-7

Patterns of mental disorders among the elderly residents of eastern Baltimore. Kramer M, et al. **J Am Geriatr Soc** 1985 Apr;33(4):236-45

Psychiatric epidemiology in a sample of 1510 ten-year-old children--I. Prevalence. Vikan A. **J Child Psychol Psychiatry** 1985 Jan;26(1):55-75

Women of polygamous marriages in an inpatient psychiatric service in Kuwait. Chaleby K. **J Nerv Ment Dis** 1985 Jan; 173(1):56-8

The epidemiology of treatment for chronic and nonchronic mental disorders. Lehman AF, et al. **J Nerv Ment Dis** 1984 Nov;172(11):658-66

Epidemiological and clinical research as a guide in the search for risk factors and biological markers. Jablensky A. **J Psychiatr Res** 1984;18(4):541-56 (48 ref.)

Psychiatric morbidity in a military general practice. O'Brien

LS. **J R Army Med Corps** 1985 Feb;131(1):16-8

Prevalence of mental illness among mentally handicapped people: discussion paper. Ineichen B. **J R Soc Med** 1984 Sep;77(9):761-5

Prevalence of mental illness among mentally handicapped people [letter] Reid AH. **J R Soc Med** 1984 Oct; 77(10):894-5

Unemployed youth: developmental and psychotherapeutic considerations. Gold JH. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):138-41

Baseline data for an epidemiological study of the inpatient population served by the department of psychiatry of a university teaching general hospital. Sarwer-Foner GJ, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):4-16

The increasing prevalence of mental disorders: a pandemic threat. Kramer M. **Psychiatr Q** 1983 Summer-Fall; 55(2-3):115-43

A pilot study of mental disorders in Taiwan. Cheng TA. **Psychol Med** 1985 Feb;15(1):195-203

Records of psychiatric morbidity in general practice: the National Morbidity Surveys. Dunn G. **Psychol Med** 1985 May;15(2):223-6

Sex differences in minor psychiatric morbidity. Jenkins R. **Psychol Med** 1985;Suppl 7:1-53

Epidemiology and health service resource allocation policy for alcohol, drug abuse, and mental disorders. Regier DA, et al. **Public Health Rep** 1984 Sep-Oct;99(5):483-92

The Cuban immigration of 1980: a special mental health challenge. Silver LB, et al. **Public Health Rep** 1985 Jan-Feb;100(1):40-8

NIMH study finds one in five have disorders [news] Fox JL. **Science** 1984 Oct 19;226(4672):324

Sex differences in minor psychiatric morbidity: a survey of a homogeneous population. Jenkins R. **Soc Sci Med** 1985; 20(9):887-99

Psychiatric symptomatology among Mexican American farmworkers. Vega W, et al. **Soc Sci Med** 1985;20(1):39-45

A point prevalence study of alcoholism and mental illness among downtown migrants. Whitley MP, et al. **Soc Sci Med** 1985;20(6):579-83

Psychiatric morbidity and related factors in West Indian students. Allen EA, et al. **West Indian Med J** 1984 Dec; 33(4):252-7

[Changes in distribution of disease categories among inpatients of the Shanghai Psychiatric Hospital in the past 20 years] Xu TY. **Chung Hua Shen Ching Ching Shen Ko Tsa Chih** 1984 Apr; 17(2):97-8 (Eng. Abstr.) **(Chi)**

[Psychopathological findings in sexual aggressors] Zvěřina J, et al. **Cesk Psychiatr** 1984 Oct;80(5):298-302 (Eng. Abstr.) **(Cze)**

[Psychiatric practice--10 years in figures. I. Patient material] Rasmussen C. **Ugeskr Laeger** 1985 Mar 25;147(13):1140-3 (Eng. Abstr.) **(Dan)**

[Psychiatric disorders in elderly hospitalized patients: prevalence and recognition] Heeren TJ, et al. **Tijdschr Gerontol Geriatr** 1985 Apr;16(2):53-9 (Eng. Abstr.) **(Dut)**

[Psychiatric aspects in Papua New Guinea] Drusch J, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):617-39 (Eng. Abstr.) **(Fre)**

[Analysis of 500 clinical records in psychiatry] Pelicier Y, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):854-61 **(Fre)**

[Neuropsychological findings concerning the role of sex] **Rev Med Suisse Romande** 1984 Jul;104(7):515-22 **(Fre)**

[Mental health and the immigrant worker] Alcide E. **Union Med Can** 1984 Jul;113(7):599-602 (Eng. Abstr.) **(Fre)**

[Incidence of psychologic disorders (letter)] Berndt H. **Dtsch Med Wochenschr** 1985 Jan 11;110(2):77 **(Ger)**

[Studies on the relation between seasons and mental disorders] Müller U, et al. **Fortschr Neurol Psychiatr** 1984 Sep;52(9):312-24 (Eng. Abstr.) **(Ger)**

[Have psychiatric diseases become more prevalent?] Häfner H. **Nervenarzt** 1985 Mar;56(3):120-33 **(Ger)**

[Psychiatric diseases in a small Alpine area--an epidemiologic field study] Hinterhuber H. **Psychiatr Prax** 1984 Nov;11(6):183-9 (Eng. Abstr.) **(Ger)**

[Deviant behavior patterns in Hungary during the Monarchy] Pisztora F. **Orv Hetil** 1985 Jan 13;126(2):95-9 **(Hun)**

[Evaluation of the 'climate of well-being' as a social indicator of health] De Vanna M, et al. **Minerva Psichiatr** 1984 Apr-Jun;25(2):71-4 (Eng. Abstr.) **(Ita)**

[Psychological distress among medical inpatients. Comparison between geriatric patients and adults using the SCL-90] Magni G, et al. **Minerva Psichiatr** 1984 Oct-Dec; 25(4):227-32 (Eng. Abstr.) **(Ita)**

[Behavior and psychopathology during the climacteric] Ravizza L, et al. **Minerva Psichiatr** 1985 Jan-Mar; 26(1):21-36 (Eng. Abstr.) **(Ita)**

[Culture, society and psychopathology] Reale L. **Minerva Psichiatr** 1984 Jul-Sep;25(3):147-8 **(Ita)**

[Admissions to psychiatric services following a natural disaster] Ahearn F. **Bol Of Sanit Panam** 1984 Oct; 97(4):325-35 (Eng. Abstr.) **(Spa)**

[Prevalence of neuropsychiatric disorders in an elderly population] Codner S, et al. **Rev Med Chil** 1984 Oct; 112(10):998-1001 (Eng. Abstr.) **(Spa)**

[Epidemiologic surveillance of mental disorders] Gutiérrez Avila JH, et al. **Salud Publica Mex** 1984 Sep-Oct; 26(5):464-83 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Postmortem studies in psychiatry. Bracha HS, et al. **Psychiatr Clin North Am** 1984 Sep;7(3):473-85 (28 ref.)

[Correlation of a neuropsychologic syndrome with computer-tomographically defined focal lesions of the left brain hemisphere] Klahre M, et al. **J Hirnforsch** 1985; 26(3):291-310 (Eng. Abstr.) **(Ger)**

[Follow-up observation of correlations between computer-tomographically defined cortical lesions and neuropsychologic findings. A pilot study] Schulze HA, et al. **J Hirnforsch** 1985;26(3):311-5 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Thyroid stimulation test in healthy subjects and psychiatric patients. Banki CM, et al. **Acta Psychiatr Scand** 1984 Oct; 70(4):295-303

Alterations of drug toxicity in neuropsychiatric disease states. Perucca E, et al. **Arch Toxicol [Suppl]** 1984;7:48-57

Depression and anxiety inventories, and the dexamethasone suppression test. Sangal R, et al. **Biol Psychiatry** 1984 Aug; 19(8):1207-13

Basal ganglia role in behavior: importance of sensory gating and its relevance to psychiatry. Schneider JS. **Biol Psychiatry** 1984 Dec;19(12):1693-710

Neurological dimensions of psychiatry. Woods BT, et al. **Biol Psychiatry** 1985 Feb;20(2):192-8

Lateral brain function in normal and disordered emotion: interpreting electroencephalographic evidence. Tucker DM. **Biol Psychol** 1984 Dec;19(3-4):219-35

Clinical correlates of very fast beta activity in the EEG. Drake ME Jr. **Clin Electroencephalogr** 1984 Oct; 15(4):237-41

A clinical perspective on the role of neurotransmitters in mental disorders. Brown RP, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):141-50 (41 ref.)

Eye tracking impairment: attentional and psychometric correlates in psychiatric patients. van den Bosch RJ. **J Psychiatr Res** 1984;18(3):277-86

Dexamethasone suppression test in affective and other psychiatric disorders. Shima S, et al. **Keio J Med** 1984 Nov; 33(4):161-5

Speech and psychopathology. Chevrie-Muller C, et al. **Lang Speech** 1985 Jan-Mar;28 (Pt 1):57-79 (140 ref.)

Relationship between psychopathology and graduated spinal block findings in chronic pain patients. Sanders SH, et al. **Pain** 1984 Aug;19(4):367-72

Neuropeptides in human brain--postmortem studies. Kleinman JE, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985;9(1):91-5

Biological alterations in the primary affective disorders and other tricyclic-responsive disorders. Siever LJ, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(1):15-24

Evidence for physiological effects of hypercortisolemia in psychiatric patients. Reus VI, et al. **Psychiatry Res** 1985 Jan;14(1):47-56

Plasma corticosterone and cortisol following dexamethasone in psychiatric patients. Arana GW, et al. **Psychoneuroendocrinology** 1985;10(1):49-60

[Value of the dexamethasone suppression test in a sample of sectorized patients] Gaillard P, et al. **Ann Med Psychol (Paris)** 1984 Jul-Aug;142(7):1001-7 (Eng. Abstr.) **(Fre)**

[Blood platelets: neuronal model in psychiatric disorders] Dreux C, et al. **Encephale** 1985 Mar-Apr;11(2):57-64 (51 ref.) (Eng. Abstr.) **(Fre)**

[Hemispheric asymmetry in mental diseases] Restian A, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Oct-Dec; 29(4):241-9 (85 ref.) **(Rum)**

[Neurofunctional programs of brain activity and their structural characteristics in different psychopathological states and during treatment] Monakhov KK, et al. **Fiziol Zh SSSR** 1984 Jul;70(7):1023-30 (Eng. Abstr.) **(Rus)**

PREVENTION & CONTROL

The effect of estrogen therapy on somatic and psychical symptoms in postmenopausal women. Furuhjelm M, et al. **Acta Obstet Gynecol Scand** 1984;63(7):655-61

Person-centered approaches to primary prevention in mental health: situation-focused and competence-enhancement. Cowen EL. **Am J Community Psychol** 1985 Feb;13(1):31-48

Children of disturbed parents: the interface between research and intervention. Goodman SH. **Am J Community Psychol** 1984 Dec;12(6):663-87

ICPS and beyond: centripetal and centrifugal forces. Spivack G, et al. **Am J Community Psychol** 1985 Jun;13(3):226-43

A preventive intervention program for the newly separated: final evaluations. Bloom BL, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):9-26

Health promotion in the workplace. A prescription for good health. Cohen WS. **Am Psychol** 1985 Feb;40(2):213-6

Prevention perspectives. From Vermont to Washington. Heffernan JA, et al. **Am Psychol** 1985 Feb;40(2):202-4

Friends can be good medicine: an excursion into mental health promotion. Taylor RL, et al. **Community Ment Health J** 1984 Winter;20(4):294-303

Time-limited thematic group with post-mastectomy patients. Baider L, et al. **J Psychosom Res** 1984;28(4):323-30

Children of disturbed parents: a research-based model for intervention. Goodman SH. **New Dir Ment Health Serv** 1984 Dec;(24):33-51

Impact project: reducing the risk of mental illness to children of distressed mothers. Lucas LE, et al. **New Dir Ment Health Serv** 1984 Dec;(24):79-94

Reaching the hard-to-reach: serving isolated and depressed mothers with infants in the community. Lyons-Ruth K, et al. **New Dir Ment Health Serv** 1984 Dec;(24):95-122

The old and the young. **Public Health** 1984 Sep;98(5):267-9

[Reconsideration of prevention in mental health in post-industrial society/culture] Samitca DC. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):321-9 (Eng. Abstr.) **(Fre)**

[Early prevention of pediatric psychiatric disorders in kindergarten and school children] Friedrich MH. **Acta Paedopsychiatr (Basel)** 1985 Mar;50(6):291-8 **(Ger)**

[System of therapeutic-health-improving measures in the screening of adolescents with mental disorders] Gurovich IIa, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1568-71 (Eng. Abstr.) **(Rus)**

[How realistic is primary prevention?] Henderson J. **Zh Nevropatol Psikhiatr** 1984;84(8):1245-8 **(Rus)**

[Various approaches to the problem of mass screening in psychiatry] Potapov AI, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1416-7 **(Rus)**

[Prevention of neuropsychiatric changes in hypokinesia] Shaposhnikov EA. **Zh Nevropatol Psikhiatr** 1985; 85(2):215-9 (Eng. Abstr.) **(Rus)**

[Primary prevention program in mental health] Martínez Pérez A. **Acta Psiquiatr Psicol Am Lat** 1984 Jun; 30(2):146-50 (Eng. Abstr.) **(Spa)**

[Health promotion and integration of resources in mental health] Villalbí JR, et al. **Arch Neurobiol (Madr)** 1985 Jan-Feb;48(1):1-6 (Eng. Abstr.) **(Spa)**

PSYCHOLOGY

Factors associated with psychiatric morbidity in women--a general practice survey. Ballinger CB, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):272-80

Suicidal behavior among patients in Bavarian mental hospitals. Gorenc KD, et al. **Acta Psychiatr Scand** 1985 May;71(5):468-78

Factors associated with psychiatric morbidity in men--a general practice survey. Hobbs PR, et al. **Acta Psychiatr Scand** 1985 Mar;71(3):281-6

Misuse of hypnosis: a factor in psychopathology. Kleinhauz M, et al. **Am J Clin Hypn** 1984 Apr;26(4):283-90

Positive life events and social support and the relationship between life stress and psychological disorder. Cohen LH, et al. **Am J Community Psychol** 1984 Oct;12(5):567-87

Barbara Snell Dohrenwend memorial lecture. The epidemiology of economic stress. Dooley D, et al. **Am J Community Psychol** 1984 Aug;12(4):387-409

Stress and social support: the burden experienced by the family of a mentally ill person. Potasznik H, et al. **Am J Community Psychol** 1984 Oct;12(5):589-607

An inventory to assess psychopathology of mentally retarded adults. Senatore V, et al. **Am J Ment Defic** 1985 Mar; 89(5):459-66

Hopelessness and eventual suicide: a 10-year prospective study of patients hospitalized with suicidal ideation. Beck AT, et al. **Am J Psychiatry** 1985 May;142(5):559-63

A study of 15 matricidal men. Campion J, et al. **Am J Psychiatry** 1985 Mar;142(3):312-7

Brief psychotherapy may not precipitate decompensation [letter] Flegenheimer WV. **Am J Psychiatry** 1985 Mar; 142(3):395-6

Fire-setting behavior in the histories of a state hospital population. Geller JL, et al. **Am J Psychiatry** 1985 Apr; 142(4):464-8

Polydipsia in psychiatric patients [letter] Johnson RW, et al. **Am J Psychiatry** 1985 Jul;142(7):885

Patient-predicted length of stay and diagnosis-related-group reimbursement. Mason JC, et al. **Am J Psychiatry** 1985 Mar;142(3):369-71

Recovery of early memories associated with reported dream imagery. Palombo SR. **Am J Psychiatry** 1984 Dec; 141(12):1508-11

The malignant neglect of the mentally ill street people [letter] Perr IN. **Am J Psychiatry** 1985 Jul;142(7):885-6

Depressive symptoms and suicidal behavior in adolescents. Robbins DR, et al. **Am J Psychiatry** 1985 May; 142(5):588-92

The social integration of psychiatric patients in nursing homes. Shadish WR Jr, et al. **Am J Psychiatry** 1984 Oct; 141(10):1203-7

Assaultive behavior among psychiatric outpatients. Tardiff K, et al. **Am J Psychiatry** 1985 Aug;142(8):960-3

Characteristics of assaultive patients in private hospitals. Tardiff K. **Am J Psychiatry** 1984 Oct;141(10):1232-5

The criminality of the mentally ill: a dangerous misconception. Teplin LA. **Am J Psychiatry** 1985 May; 142(5):593-9

Psychiatric aspects of traffic accidents. Tsuang MT, et al. **Am J Psychiatry** 1985 May;142(5):538-46

Severity of psychiatric symptoms as a predictor of benefits from psychotherapy: the Veterans Administration-Penn study. Woody GE, et al. **Am J Psychiatry** 1984 Oct; 141(10):1172-7

Social factors in psychopathology: stress, social support, and coping processes. Kessler RC, et al. **Annu Rev Psychol**

1985;36:531-72 (224 ref.)

Attention dysfunction and psychopathology in college men. Buchsbaum MS, et al. **Arch Gen Psychiatry** 1985 Apr; 42(4):354-60

Lost subjects. Source of bias in clinical research? Kokes RF, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1363-5

Propoxyphene on demand. Analgesic-seeking behavior in psychiatric inpatients. Winstead DK, et al. **Arch Gen Psychiatry** 1977 Dec;34(12):1463-8

A social and psychiatric survey of unemployment among young people. Finlay-Jones R, et al. **Aust NZ J Psychiatry** 1984 Jun;18(2):135-43

Mental health, absences from work, stress and satisfaction in a sample of New Zealand primary school teachers. Galloway D, et al. **Aust NZ J Psychiatry** 1984 Dec; 18(4):359-63

Psychopathology and development: I. Childhood antecedents of adult psychiatric disorder. Rutter M. **Aust NZ J Psychiatry** 1984 Sep;18(3):225-34

Dangerousness [letter] Storm V. **Aust NZ J Psychiatry** 1984 Sep;18(3):290-1

Social perception, social performance, and self-perception. A study with psychiatric and nonpsychiatric groups. Fingeret AL, et al. **Behav Modif** 1985 Jul;9(3):345-56

Driving tests with patients. de Gier JJ. **Br J Clin Pharmacol** 1984;18 Suppl 1:103S-108S

Minor psychiatric morbidity and labour turnover. Jenkins R. **Br J Ind Med** 1985 Aug;42(8):534-9

Some implications for psychology of formulating all illness as deviancy. Pilgrim D. **Br J Med Psychol** 1984 Sep;57 (Pt 3):227-33

The relationship between scores on Ryle's Marital Patterns Test and independent ratings of marital quality. Birtchnell J. **Br J Psychiatry** 1985 Jun;146:638-44

Disorders with overvalued ideas. McKenna PJ. **Br J Psychiatry** 1984 Dec;145:579-85 (62 ref.)

Assessment of suicide risk in psychiatric in-patients. Morgan HG, et al. **Br J Psychiatry** 1984 Nov;145:467-9

Mentally ill offenders in prison. **Br Med J [Clin Res]** 1985 Feb 9;290(6466):447

A study of violence within a forensic treatment facility. Barnard GW, et al. **Bull Am Acad Psychiatry Law** 1984; 12(4):339-48

The criminal defendant with identified mental disorder. Beck JC, et al. **Bull Am Acad Psychiatry Law** 1984;12(4):331-8

Moral issues and mental illness. Kanter J. **Bull Menninger Clin** 1984 Nov;48(6):518-39

Recovery and regression in concentration camp survivors: a psychodynamic re-evaluation. Berger DM. **Can J Psychiatry** 1985 Feb;30(1):54-9

Parent's perceived responsibility for children's problems. Penfold PS. **Can J Psychiatry** 1985 Jun;30(4):255-8

Patients' attitudes at the time of their commitment. Toews J, et al. **Can J Psychiatry** 1984 Nov;29(7):590-5

The self-concepts of children entering day psychiatric treatment. Zimet SG, et al. **Child Psychiatry Hum Dev** 1984 Winter;15(2):142-50

Psychiatric symptoms in medical students. Lloyd C, et al. **Compr Psychiatry** 1984 Nov-Dec;25(6):552-65

Stress, coping resources and psychiatric disorders: alternative paradigms from a life cycle perspective. Richman JA, et al. **Compr Psychiatry** 1985 Sep-Oct;26(5):456-65

The interrelationship of tropical disease and mental disorder: conceptual framework and literature review (Part I--Malaria). Weiss MG. **Cult Med Psychiatry** 1985 Jun; 9(2):121-200

Psychiatric disorders of pre-adolescence in Japan. Kaku R, et al. **Folia Psychiatr Neurol Jpn** 1984;38(1):17-23

Former state hospital patients in private general hospital psychiatric emergency settings. Bassuk EL, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):144-8

Mental illness and ischemic heart disease: analysis of psychiatric morbidity. Vázquez-Barquero JL, et al. **Gen Hosp Psychiatry** 1985 Jan;7(1):15-20

Relationship of self-concept to age, disability, and institutional residency. Larson PC, et al. **Gerontologist** 1984 Aug;24(4):401-7

The impact of life events on chronic mental patients. Baker F, et al. **Hosp Community Psychiatry** 1985 Mar; 36(3):299-301

Patterns of staff perception of difficult patients in a long-term psychiatric hospital. Colson DB, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):168-72

Correlates of acting-out behaviors among young adult chronic patients. McCarrick AK, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):848-53

Professional attitudes toward the chronic mentally ill. Mirabi M, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):404-5

Posthypnotic conflict and psychopathology--controlling for the effects of posthypnotic suggestions: a brief communication. Matthews WJ Jr, et al. **Int J Clin Exp Hypn** 1984 Oct;32(4):362-5

The migration of culture-bound syndromes. Littlewood R. **Int J Soc Psychiatry** 1985 Summer;31(2):156-9

Mental illness among Indonesian Chinese in Hong Kong. Mak KY. **Int J Soc Psychiatry** 1985 Summer;31(2):119-24

Public attitudes towards mental illness--the effects of behaviour, roles and psychiatric labels. Nieradzik K, et al. **Int J Soc Psychiatry** 1985 Spring;31(1):23-33

Social tolerance of the mentally ill in the Mexican American community. Parra F. **Int J Soc Psychiatry** 1985 Spring; 31(1):37-45

Psychiatric problems of Turkish labourers in Holland. Sayil I. **Int J Soc Psychiatry** 1984 Winter;30(4):267-73

Changing medical students' attitudes and professional behavior toward mental patients as a function of psychiatric clerkship. Neumann M, et al. **Isr J Psychiatry Relat Sci** 1984;21(4):235-46

Social networks and developmental psychopathology: a comparison of adolescent children of a depressed, arthritic, or normal parent. Hirsch BJ, et al. **J Abnorm Psychol** 1985 Aug;94(3):272-81

'The hidden society': the practical use of multi-dimensional scaling to illuminate the pattern of relationships between long-stay psychiatric residents. Harries C, et al. **J Adv Nurs** 1984 Nov;9(6):619-25

Preschool behavior can predict future psychiatric disorders. Lerner JA, et al. **J Am Acad Child Psychiatry** 1985 Jan; 24(1):42-8

Physical abuse in psychiatrically hospitalized children and adolescents. Monane M, et al. **J Am Acad Child Psychiatry** 1984 Nov;23(6):653-8

College time: implications for student mental health services. Grayson PA. **J Am Coll Health** 1985 Apr;33(5):198-204

Student mental health from a layman's perspective. Harwell JS. **J Am Coll Health** 1984 Dec;33(3):131-3

Decision making in the care of terminally ill incompetent persons: concerns about the role of the courts. Mariner WK. **J Am Geriatr Soc** 1984 Oct;32(10):739-46

Psychoanalytic inferences concerning children of divorced parents. Panel report. **J Am Psychoanal Assoc** 1983; 31(1):247-58

Thoughts about early pathology. Weil AP. **J Am Psychoanal Assoc** 1985;33(2):335-52

The use of restraints on a general psychiatric unit. Bornstein PE. **J Clin Psychiatry** 1985 May;46(5):175-8

Meaning of the Repression-Sensitization scale: defensive style or self-report of symptoms of psychopathology. Budd EC, et al. **J Clin Psychol** 1985 Jan;41(1):63-8

The Urist Rorschach Mutuality of Autonomy Scale as an indicator of psychopathology. Harder DW, et al. **J Clin Psychol** 1984 Jul;40(4):1078-83

The utility of the modified WAIS in a clinical setting. Jeffrey TB, et al. **J Clin Psychol** 1984 Jul;40(4):1067-9

PPVT IQ validity in adults: a measure of vocabulary, not of intelligence. Maxwell JK, et al. **J Clin Psychol** 1984 Jul;40(4):1048-53

Application of the four-subtest WAIS-R short form with an older clinical sample. Ryan JJ, et al. **J Clin Psychol** 1984 Jul;40(4):1033-6

The relationship between WAIS PA and MMPI SI is mediated by MMPI PD. Terry RL, et al. **J Clin Psychol** 1984 Jul;40(4):970-1

WAIS-R factor structure in psychiatric and general medical patients. Beck NC, et al. **J Consult Clin Psychol** 1985 Jun; 53(3):402-5

Personality test correlates of psychiatric case history data. Comrey AL, et al. **J Consult Clin Psychol** 1985 Aug; 53(4):470-9

Faking good and faking bad on the Personality Inventory for Children-Revised, shortened format. Daldin H. **J Consult Clin Psychol** 1985 Aug;53(4):561-3

Cautions in interpretation of comparisons between the WAIS-R and the Wechsler Memory Scale. Prifitera A, et al. **J Consult Clin Psychol** 1985 Aug;53(4):564-5

Competence to proceed: a functional and context-determinative decision. Bennett GT, et al. **J Forensic Sci** 1984 Oct;29(4):1119-26

The relationship between depression and marital maladjustment. A descriptive study. Crowther JH. **J Nerv Ment Dis** 1985 Apr;173(4):227-31

Differences in the use of substances of abuse by psychiatric patients compared with medical and surgical patients. Davis DI. **J Nerv Ment Dis** 1984 Nov;172(11):654-7

Irrational ideas. Older vs. younger inpatients. Hyer LA, et al. **J Nerv Ment Dis** 1985 Apr;173(4):232-5

Self-report of the frequency and phenomenology of verbal hallucinations. Junginger J, et al. **J Nerv Ment Dis** 1985 Mar;173(3):149-55

The Rorschach Comprehensive System Egocentricity Index in psychiatric inpatients. Barley WD, et al. **J Pers Assess** 1985 Apr;49(2):137-40

Ego development and intelligence in a psychiatric population: Wechsler subtest scores. Browning DL, et al. **J Pers Assess** 1985 Jun;49(3):260-3

One last response to the Rorschach test: a second chance to reveal oneself. Cerney MS. **J Pers Assess** 1984 Aug; 48(4):338-44

Adapting to the stigmatizing label of mental illness: foregone but not forgotten. Piner KE, et al. **J Pers Soc Psychol** 1984 Oct;47(4):805-11

Type A behavior, age, and psychological well-being. Strube MJ, et al. **J Pers Soc Psychol** 1985 Jul;49(1):203-18

For better or for worse. Brown K, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Mar;23(3):18-23

The outpatient comes home: the family's response to deinstitutionalization. Kane C. **J Psychosoc Nurs Ment Health Serv** 1984 Nov;22(11):19-25

Effect of family relationships on psychogeriatric patients. Bergmann K, et al. **J R Soc Med** 1984 Oct;77(10):840-4

Psychiatric disorder in the parents of adopted children with aggressive conduct disorder. Jary ML, et al. **Neuropsychobiology** 1985;13(1-2):7-11

Violence in psychiatric institutions. Katz SE, et al. **NY State J Med** 1985 Feb;85(2):64-6

Higher nervous activity in psychiatric patients. Astrup C. **Pavlov J Biol Sci** 1984 Jul-Sep;19(3):144-8 (49 ref.)

Choice of Luscher's color violet in a psychiatric sample. Holmes CB, et al. **Percept Mot Skills** 1985 Apr;60(2):402

Fingertip number-writing errors by psychiatric patients. Maxwell JK, et al. **Percept Mot Skills** 1984 Dec;59(3):933-4

Is institutional transference an over-used concept in the treatment of chronic psychiatric patients? de Bosset F. **Psychiatr J Univ Ottawa** 1984 Sep;9(3):115-7

Food dreams and illness among Nigerians--a pilot study. Ilechukwu ST. **Psychiatr J Univ Ottawa** 1985 Jun; 10(2):89-94

Interfaces between adult and child psychiatry. Palframan DS. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):104-9

Self and other directed violence on a closed acute-care ward. Myers KM, et al. **Psychiatr Q** 1984 Fall;56(3):178-88

Motivation for treatment: a review with special emphasis on alcoholism. Miller WR. **Psychol Bull** 1985 Jul;98(1):84-107 (263 ref.)

Much ado about the full moon: a meta-analysis of lunar-lunacy research. Rotton J, et al. **Psychol Bull** 1985 Mar;97(2):286-306 (26 ref.)

Suicide among psychiatric patients of a district general hospital. Fernando S, et al. **Psychol Med** 1984 Aug; 14(3):661-72

Unemployment and psychological ill-health: the moderating role of duration and age. Jackson PR, et al. **Psychol Med** 1984 Aug;14(3):605-14

Psychiatric patients who marry each other. Shanks J, et al. **Psychol Med** 1985 May;15(2):377-82

Sensitivity to noise in a community sample: I. Measurement of psychiatric disorder and personality. Stansfeld SA, et al. **Psychol Med** 1985 May;15(2):243-54

Canonical analysis of the MMPI and WAIS in a psychiatric sample. Berg AJ, et al. **Psychol Rep** 1985 Feb;56(1):115-22

Life change events as stressors and their relationship to mental health among undergraduate university students. Cole GE. **Psychol Rep** 1985 Apr;56(2):387-90

Relationship of anxiety and depression to age and sex in an acute psychiatric population. Correll RE. **Psychol Rep** 1984 Dec;55(3):979-86

Children's illnesses as risk factors for child abuse. Hawkins WE, et al. **Psychol Rep** 1985 Apr;56(2):638

Concordance ratings of community adjustment for older psychiatric inpatients. Hyer L, et al. **Psychol Rep** 1985 Jun; 56(3):911-21

Satz-Mogel short form of WAIS with older psychiatric patients. Hyer LA, et al. **Psychol Rep** 1984 Dec;55(3):895-8

Comparisons of psychiatric outpatients with controls on Bipolar Profile of Mood States. Myhill J, et al. **Psychol Rep** 1985 Jun;56(3):779-82

WISC and WISC-R range and mean deviation: indices of scatter for a clinic-referred population. Ullman DL, et al. **Psychol Rep** 1985 Jun;56(3):841-2

Symptom change over time among Hmong refugees: psychiatric patients versus nonpatients. Westermeyer J, et al. **Psychopathology** 1984;17(4):168-77

Medical-psychiatric unit patients compared with patients in two other services. Molnar G, et al. **Psychosomatics** 1985 Mar;26(3):193-5, 199-200, 208-9

Overt psychopathology in rheumatoid arthritis. A fifteen-year follow-up study. Rimón R, et al. **Scand J Rheumatol** 1984;13(4):324-8

Adult outcomes of high-risk children: differential effects of town and kibbutz rearing. Mirsky AF, et al. **Schizophr Bull** 1985;11(1):150-4

First person account: the pain of parenthood of the mentally ill. Mittleman G. **Schizophr Bull** 1985;11(2):300-3

National University of Singapore students who come for psychological help. Ong YL, et al. **Singapore Med J** 1984 Aug;25(4):226-34

How do the experiences of the early separated and the early bereaved differ and to what extent do such differences affect outcome? Birtchnell J, et al. **Soc Psychiatry** 1984; 19(4):163-71

The imitation of madness: the influence of psychopathology upon culture. Littlewood R. **Soc Sci Med** 1984;19(7):705-15

Opinions on mental illness in Israel. Rahav M, et al. **Soc Sci Med** 1984;19(11):1151-8

Psychiatric disorders in geriatric medical/surgical patients. Part II: Review of clinical experience in consultation. Ford CV, et al. **South Med J** 1985 Apr;78(4):397-402 (34 ref.)

Suicide in psychiatric patients: age distribution. Morrison J. **Suicide Life Threat Behav** 1984 Spring;14(1):52-8

[Crimes of violence by mentally disordered offenders] Lin HN. **Taiwan I Hsueh Hui Tsa Chih** 1985 Apr;84(4):500-12 (Eng. Abstr.) **(Chi)**

[Mental disorders following psychoanalysis] Baruk H. **Ann Med Psychol (Paris)** 1984 Sep-Oct;142(8):1106-10 **(Fre)**

[Survey on self mutilation in adults in psychiatric milieu (apropos of 90 cases)] Bourgeois M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1287-95 **(Fre)**

[The madnesses of Zola II. Madness interaction in 'La Joie de Vivre'. 2. Psychopathology and relational anthropology] Fernandez-Zoïla A. **Ann Med Psychol (Paris)** 1985 Feb; 143(2):125-38 (Eng. Abstr.) **(Fre)**

[Mental health and large buildings in western Europe] Lefebvre P. **Ann Med Psychol (Paris)** 1984 Apr; 142(4):527-32 **(Fre)**

[Permanence and relativity of mental disorders in the face of the environment] Marchais P. **Ann Med Psychol (Paris)** 1984 Apr;142(4):479-87 **(Fre)**

[Psychopathologic problems posed by migrant populations in an urban center] Sutter J, et al. **Ann Med Psychol (Paris)** 1984 Apr;142(4):522-7 **(Fre)**

[Right to refuse treatment by the involuntary patient: medico-legal considerations] Morrison D. **Can J Psychiatry** 1985 Feb;30(1):60-3 (Eng. Abstr.) **(Fre)**

[Battered parents and their children] Dugas M, et al. **Psychiatr Enfant** 1985;28(1):185-219 **(Fre)**

[Is it necessary to be normal to have 'normal' children?] Jeammet N. **Psychiatr Enfant** 1985;28(1):221-58 **(Fre)**

[Formation and configuration of the Oedipus complex: clinical observations and hypotheses] Laufer M. **Psychiatr Enfant** 1984;27(1):49-68 **(Fre)**

[Mental functioning and psychological testing. Case report] Paunier A, et al. **Psychiatr Enfant** 1985;28(1):161-83 **(Fre)**

[Driving aptitude examination in the Traffic Medicine and Psychology Unit of the University Institute of Legal Medicine] Fryc O, et al. **Rev Med Suisse Romande** 1985 Jan;105(1):85-8 **(Fre)**

[The effects of mental diseases and behavior problems on the driving of motor vehicles] Maag F. **Rev Med Suisse Romande** 1984 Nov;104(11):879-91 **(Fre)**

[Mentally abnormal delinquents and penal justice] Robert CN. **Rev Med Suisse Romande** 1984 Aug;104(8):615-28 **(Fre)**

[Various aspects of man-animal relations in current medical practice] Robert M. **Rev Med Suisse Romande** 1984 Dec;104(12):1027-31 **(Fre)**

[Psychopathology and violence: review of concepts and applications] Morrison D. **Union Med Can** 1985 Jun;114(6):456-60, 465-7, 480 (Eng. Abstr.) **(Fre)**

[Life change events preceding acute psychiatric diseases] Möller HJ, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(2):118-24 (Eng. Abstr.) **(Ger)**

[Significance of the medical anthropology work of Dieter Wyss for modern psychiatry and psychotherapy] Zacher A, et al. **Fortschr Neurol Psychiatr** 1984 Nov;52(11):414-8 (Eng. Abstr.) **(Ger)**

[Sibling position, personality and psychiatric disorder in children and adolescents] Reinhard HG. **Prax Kinderpsychol Kinderpsychiatr** 1984 Jul;33(5):178-83 (Eng. Abstr.) **(Ger)**

[Ego function rating by the specialist working alone in neurology and psychiatry] Schmidt P, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 May;37(5):284-90 (Eng. Abstr.) **(Ger)**

[The Marxist-Leninist concept of personality and its significance for the integration of psychiatric patients] Späte HF. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Feb;37(2):75-81 (Eng. Abstr.) **(Ger)**

[Reflections on the psychoanalytic health concept] Hinrichs R. **Psychother Psychosom Med Psychol** 1984 Nov;34(11):261-8 (Eng. Abstr.) **(Ger)**

[Significance of current life conflicts for psychological disorders] Froese M. **Z Arztl Fortbild (Jena)** 1985;79(4):167-70 **(Ger)**

[Configuration frequency analysis. XX. Types and syndromes of the 2d order (complex types)] von Eye A, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(4):345-55 **(Ger)**

[Reactions in the meaning of relational psychopathology] Pirozynski T, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):595-9 (Eng. Abstr.) **(Rum)**

[Comparative study of abnormal self-consciousness in mental disorders] Chudnovskiĭ VS. **Zh Nevropatol Psikhiatr** 1985;85(1):106-11 (Eng. Abstr.) **(Rus)**

[Interpersonal relations in groups of mentally ill and mentally healthy children] Rogovin MS, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):751-5 (Eng. Abstr.) **(Rus)**

[Results of an intelligence test (HAWIE) and a test of organicity (MPDT) in a 400-member group of a psychiatric population] Nociar A, et al. **Bratisl Lek Listy** 1984 Aug;82(2):936-44 (Eng. Abstr.) **(Slo)**

[Notes for a phenomenology of love] Doerr Zegers O. **Actas Luso Esp Neurol Psiquiatr** 1984 May-Jun;12(3):175-84 **(Spa)**

[Perception of mental illness through short stories] Natera G, et al. **Bol Of Sanit Panam** 1985 Apr;98(4):327-38 (Eng. Abstr.) **(Spa)**

REHABILITATION

The adolescent, schools, and schooling. Berkovitz IH. **Adolesc Psychiatry** 1985;12:162-76

Effects of community placement on chronic mental patients. Christenfeld R, et al. **Am J Community Psychol** 1985 Apr;13(2):125-38

The effectiveness of verbal versus activity groups in improving self-perceptions of interpersonal communication skills. DeCarlo JJ, et al. **Am J Occup Ther** 1985 Jan;39(1):20-7

The use of community networks for chronic psychiatric patients. Mauras-Corsino E, et al. **Am J Occup Ther** 1985 Jun;39(6):374-8

An occupational therapy approach to assessing psychiatric patients' adaptive functioning. Oakley F, et al. **Am J Occup Ther** 1985 Mar;39(3):147-54

Discharged state hospital patients' characteristics and use of aftercare: effect on community tenure. Solomon P, et al. **Am J Psychiatry** 1984 Dec;141(12):1566-70

Controlled evaluation of a hospital-originated community transitional system. Kuldau JM, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1331-40

Feasibility of discharge of chronic psychiatric patients. Krupinski J, et al. **Aust NZ J Psychiatry** 1984 Dec;18(4):364-72

Considerations in determining cost effectiveness in psychiatric rehabilitation. Walker FA. **Aust NZ J Psychiatry** 1984 Dec;18(4):328-31

Treatment and justice. Bowden P. **Br J Hosp Med** 1985 Jun;33(6):350-2

The measurement of psychiatric rehabilitation status. A review of the needs and a new scale. Affleck JW, et al. **Br J Psychiatry** 1984 Nov;145:517-25

The Scottish survey of chronic day-patients. McCreadie RG, et al. **Br J Psychiatry** 1984 Dec;145:626-30

Rehabilitation in psychiatric conditions: 1--Community and residential care. Gloag D. **Br Med J [Clin Res]** 1985 Mar 30;290(6473):981-4

Rehabilitation in psychiatric conditions: 2--Psychological approaches and support, the family, and activities. Gloag D. **Br Med J [Clin Res]** 1985 Apr 6;290(6474):1059-62

Occupational rehabilitation and return to work: 2--Psychiatric disability. Gloag D. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1201-3

Residential treatment of adolescents: a treatment model. Kennedy B. **Can J Psychiatry** 1985 Feb;30(1):18-21

Psychiatric aftercare in a metropolitan setting. Wasylenki D, et al. **Can J Psychiatry** 1985 Aug;30(5):329-36

Implementation dilemmas in North Carolina's Willie M. program. Johnson PJ, et al. **Child Welfare** 1984 Sep-Oct;63(5):419-30

Commentary: deinstitutionalization of mental health services in South Australia--out of the frying pan, into the fire? Jones D. **Community Health Stud** 1985;9(1):62-8

Correlates of success and lack of success in deinstitutionalization. Sands RG. **Community Ment Health J** 1984 Fall;20(3):223-35

Factors associated with the employment status of handicapped youth exiting high school from 1979 to 1983. Hasazi SB, et al. **Except Child** 1985 Apr;51(6):455-77

Special education and regular education: a merger made in heaven? Lieberman LM. **Except Child** 1985 Apr;51(6):513-6

Factors delaying discharge of psychiatric patients. Christ W. **Health Soc Work** 1984 Summer;9(3):178-87

Community acceptance of the mentally ill in foster family care. Sherman SR, et al. **Health Soc Work** 1984 Summer;9(3):188-99

Interpreting research on the homeless mentally ill: some caveats. Bachrach LL. **Hosp Community Psychiatry** 1984 Sep;35(9):914-7

Research on services for the homeless mentally ill. Bachrach LL. **Hosp Community Psychiatry** 1984 Sep;35(9):910-3

The nature of case manager support. Baker F, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):925-8

A survey of the problems and needs of homeless consumers of acute psychiatric services. Ball FL, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):917-21

A psychoeducational approach to educating chronic mental patients for community living. Barter JT, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):793-7

Integrating psychosocial rehabilitation into the hospital psychiatric service. Bell MD, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):1017-23

The mentally ill homeless: isolation and adaptation. Cohen NL, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):922-4

A typology of social environments in community care homes. Coulton CJ, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):373-7

Strategies in working with chronically unemployed mental patients. Hsia H, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):777-9

Recent developments in the care, treatment, and rehabilitation of the chronic mentally ill in Nigeria. Jegede RO, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):658-61

Milieu factors influencing patients' integration into community residential facilities. Kruzich JM, et al. **Hosp Community Psychiatry** 1985 Apr;36(4):378-82

Deinstitutionalization and the homeless mentally ill. Lamb HR. **Hosp Community Psychiatry** 1984 Sep;35(9):899-907

The need for continuing asylum and sanctuary. Lamb HR, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):798-802

The multidisciplinary treatment plan: a format for enhancing activity therapy department involvement. Lang E, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):62-8

Regulation and consultation in community care facilities. Peterson CL. **Hosp Community Psychiatry** 1985 Apr;36(4):383-8

Psychiatric recidivism in a psychosocial rehabilitation setting: a survival analysis. Setze PJ, et al. **Hosp Community Psychiatry** 1985 May;36(5):521-4

The Compeer Program: volunteers as friends of the mentally ill. Skirboll BW, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):938-9

The day center and its role as a social network. Woodside H. **Hosp Community Psychiatry** 1985 Feb;36(2):177-80

The Lieutenant-Governor's Advisory Boards of Review for the supervision of the mentally disordered offender in Canada: a call for change. Whitley S. **Int J Law Psychiatry** 1984;7(3-4):385-94

Social adjustment in rehabilitation. Collis M, et al. **Int J Rehabil Res** 1984;7(3):259-72

Post release adjustment of day and inpatients. Krcmanovic D. **Int J Soc Psychiatry** 1985 Spring;31(1):74-9

Work assessment in the current economic climate. Monteath HG. **Int J Soc Psychiatry** 1985 Spring;31(1):54-8

Psychoanalytic principles in psychosocial rehabilitation. Easton K. **J Am Acad Psychoanal** 1984 Oct;12(4):569-84

Behavioral rehabilitation for chronic mental patients. Liberman RP, et al. **J Clin Psychopharmacol** 1985 Jun;5(3 Suppl):8S-14S

Effects of interpersonal problem-solving training with chronic aftercare patients on problem-solving component skills and effectiveness of solutions. Hansen DJ, et al. **J Consult Clin Psychol** 1985 Apr;53(2):167-74

From hospital to community. Six-month and two-year outcomes for 505 patients. Goering P, et al. **J Nerv Ment Dis** 1984 Nov;172(11):667-73

The chronically mentally ill. Allen JR. **J Okla State Med Assoc** 1984 Dec;77(12):411-7

The dissemination and impact of a model program in process, 1972-1984. Allness DJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):41-8

Rural community support programs: the experience in three Wisconsin counties. Diamond RJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):49-58

Ethical problems in community treatment of the chronically mentally ill. Diamond RJ, et al. **New Dir Ment Health Serv** 1985 Jun;(26):85-93

Economic analysis in community treatment of the chronically mentally ill. Gilman SR, et al. **New Dir Ment Health Serv** 1985 Jun;(26):77-84

Impact of a model program on state mental health policy development. Greenley D. **New Dir Ment Health Serv** 1985 Jun;(26):59-63

The evolution of the training in community living model. Stein LI, et al. **New Dir Ment Health Serv** 1985 Jun;(26):7-16

A program for difficult-to-treat patients. Stein LI, et al. **New Dir Ment Health Serv** 1985 Jun;(26):29-39

The Bridge: an assertive outreach program in an urban setting. Witheridge TF, et al. **New Dir Ment Health Serv** 1985 Jun;(26):65-76

The place, if any, of the mental hospital in the community mental health care system. Barton WE. **Psychiatr Q** 1983 Summer-Fall;55(2-3):146-55

Residential integration of mentally able and elderly mentally ill patient. Bredenberg K. **Psychiatr Q** 1983 Summer-Fall;55(2-3):192-205

Psychogeriatric program in a public housing setting. Cohen GD. **Psychiatr Q** 1983 Summer-Fall;55(2-3):173-81

The older person's response to therapy. A. The in-hospital therapeutic community. Coons DH, et al. **Psychiatr Q** 1983 Summer-Fall;55(2-3):156-72

Who will fend for the chronically mentally ill in the community? Drinan RF. **Psychiatr Q** 1983 Summer-Fall;55(2-3):208-14

Next steps for the elderly deinstitutionalized patient. Fry WR. **Psychiatr Q** 1983 Summer-Fall;55(2-3):215-24

The Veterans Administration community care setting. Haber PA. **Psychiatr Q** 1983 Summer-Fall;55(2-3):187-91

Risk taking in the residential community setting. A. Community living arrangements as part of the hospital program. Hinz CE. **Psychiatr Q** 1983 Summer-Fall;55(2-3):182-6

The least restrictive alternative: more about less. Klein J. **Psychiatr Q** 1983 Summer-Fall;55(2-3):106-14

A special population The elderly deinstitutionalized chronically mentally ill patient. Talbott JA. **Psychiatr Q** 1983 Summer-Fall;55(2-3):90-105

A study of variables associated with under-attendance at a psychiatric day centre. Bender MP, et al. **Psychol Med** 1985 May;15(2):395-401

Psychosocial assessment on a short-stay inpatient psychiatric unit. Erickson RC. **Psychol Rep** 1984 Aug;55(1):43-7

Deinstitutionalization and public policy. Scull A. **Soc Sci Med** 1985;20(5):545-52

Assessing the service needs of the discharged psychiatric patient. Solomon P, et al. **Soc Work Health Care** 1984 Fall;10(1):61-9

[Rehabilitation therapy as a part of comprehensive psychiatric care in a clinical setting] Kučerová H. **Cesk Psychiatr** 1985 Jun;81(3):187-91 (Eng. Abstr.) **(Cze)**

[An experience with return to the community] Van A. **Rev Med Suisse Romande** 1984 Sep;104(9):729-31 **(Fre)**

[Chronicity in the psychiatric milieu] Haffani F, et al. **Tunis Med** 1983 Mar-Apr;61(2):137-9 **(Fre)**

[Rehabilitation of psychiatrically handicapped patients in residential communities and its effect on duration of hospitalization. A controlled retrospective study] Vetter P. **Nervenarzt** 1985 Jul;56(7):359-64 **(Ger)**

[Model trial of local psychiatric care in the Adolescent Psychiatric Service of the Board of Health--concept and experiences] Bieback H. **Off Gesundheitswes** 1984 Sep;46(9):430-3 **(Ger)**

[Concepts in social psychiatric treatment in the transition between clinic and ambulatory care] Böhme K. **Off Gesundheitswes** 1984 Sep;46(9):463-6 **(Ger)**

[Treatment of psychiatric patients in a day clinic] Wächtler C, et al. **Off Gesundheitswes** 1984 Sep;46(9):454-8 **(Ger)**

[Short trips by chronic psychiatric patients as effective sociotherapeutic measures] Häusser D. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Aug; 36(8):496-502 (Eng. Abstr.) **(Ger)**

[Italian psychiatry reform in the Piedmont region: Law no. 180 and its consequences] Becker T. **Psychiatr Prax** 1985 Jul;12(4):136-42 (Eng. Abstr.) **(Ger)**

[Cooperation barriers in psychiatric and psychosocial after care: organizational and sociologic aspects] Mitzlaff S, et al. **Psychiatr Prax** 1985 Jul;12(4):130-5 (Eng. Abstr.) **(Ger)**

[After care services for psychiatric patients: organizational problems and perspectives exemplified by the service area of Honolulu, Hawaii, USA--initial status, empirical results] Wegner EL, et al. **Psychiatr Prax** 1984 Jul;11(4):125-30 (Eng. Abstr.) **(Ger)**

[The need and actually successful work-related rehabilitation measures for first-admission psychiatric patients] Aschoff-Pluta R, et al. **Rehabilitation (Stuttg)** 1985 May; 24(2):83-91 (Eng. Abstr.) **(Ger)**

[Perspectives of pedagogic approaches to rehabilitation in the psychosocial care of the elderly] Fries G. **Rehabilitation (Stuttg)** 1985 Feb;24(1):33-5 (Eng. Abstr.) **(Ger)**

[Psychosocial rehabilitation in advanced age] Haag G. **Rehabilitation (Stuttg)** 1985 Feb;24(1):6-8 (Eng. Abstr.) **(Ger)**

[Current situation of psychiatric occupational therapy in Japan] Ueno T. **Seishin Shinkeigaku Zasshi** 1984; 86(9):768-77 **(Jpn)**

[Occupational therapy in the therapeutic community of a psychiatric department] Domachowski W, et al. **Psychiatr Pol** 1984 May-Jun;18(3):257-62 **(Pol)**

[Development and objectives of rehabilitation camps] Stańczak T. **Psychiatr Pol** 1984 Jul-Aug;18(4):349-54 (Eng. Abstr.) **(Pol)**

[Involvement of the occupational therapist in the interdisciplinary team in the field of mental health] Colón Roure C, et al. **Bol Asoc Med PR** 1984 Jul;76(7):319-22 **(Spa)**

THERAPY

The use of treatment contracts in short-term psychiatric care. Hansson L, et al. **Acta Psychiatr Scand** 1984 Aug; 70(2):180-90

Focus on the Italian psychiatric reform. **Acta Psychiatr Scand [Suppl]** 1985;316:1-157

Psychiatric practice in Umbria: research and transformation processes in the light of juridical-prescriptive events. Ciappi F, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:121-6

The end of the mental hospital. A review of the psychiatric experience in Trieste. Dell'Acqua G, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:45-69

Application of the Psychiatric Reform Act in the city of Naples. A survey of requests for compulsory admission to the special unit at the University Psychiatric Department I. Kemali D, et al. **Acta Psychiatr Scand [Suppl]** 1985; 316:127-34

Sectorized psychiatry. A methodological study of the effects of reorganization on patients treated at a mental hospital. Lindholm H. **Acta Psychiatr Scand [Suppl]** 1983;304:1-127

A model of a single comprehensive mental health service for a catchment area: a community alternative to hospitalization. Martini P, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:95-120

Psychiatric hospitalization in Italy before and after 1978. Morosini PL, et al. **Acta Psychiatr Scand [Suppl]** 1985; 316:27-43

Patients admitted for compulsory treatment to selected psychiatric units in Italy and in Sweden. Perris C, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:135-49

Focus on the Italian psychiatric reform: an introduction. Perris C, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:9-14

The impact of Psychiatric Reform on inpatient services in a metropolitan area of Southern Italy: the Naples case. Scala A, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:151-7

Bringing into action the psychiatric reform in South-Verona. A five year experience. Zimmermann-Tansella C, et al. **Acta Psychiatr Scand [Suppl]** 1985;316:71-86

Who provides psychiatric care? [editorial] **Am Fam Physician** 1985 Apr;31(4):97

Psychiatric training and therapies in Ayurved. Dube KC, et al. **Am J Chin Med** 1985;13(1-4):13-22

Professional help use among black Americans: implications for unmet need. Neighbors HW. **Am J Community Psychol** 1984 Oct;12(5):551-66

Japanese American response to psychological disorder: referral patterns, attitudes, and subjective norms. Uomoto JM, et al. **Am J Community Psychol** 1984 Oct;12(5):537-50

Psychiatry in the emergency department: factors associated with treatment and disposition. Murphy JG, et al. **Am J Emerg Med** 1984 Jul;2(4):309-14

Psychiatric patients in the emergency center [editorial] Peterson LG, et al. **Am J Emerg Med** 1984 Jul;2(4):370

Therapist-client sexual involvement: a challenge for mental health professionals and educators. Bouhoutsos JC. **Am J Orthopsychiatry** 1985 Apr;55(2):177-82

Therapeutic space design: planning an inpatient children's unit. Cotton NS, et al. **Am J Orthopsychiatry** 1984 Oct; 54(4):624-36

Clinic turmoil and staff transitions. Gardner CS, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):439-45

The chronic child patient: ensuring continuity of care. Griffith JM, et al. **Am J Orthopsychiatry** 1985 Jul; 55(3):434-8

Assessment of families in psychiatric emergencies. Perlmutter RA, et al. **Am J Orthopsychiatry** 1985 Jan;55(1):130-9

Group treatment of adolescents: an overview. Scheidlinger S. **Am J Orthopsychiatry** 1985 Jan;55(1):102-11

Clients' reactions to sexual intimacy in therapy. Sonne J, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):183-9

What has happened to the milieu? [letter] Almond R. **Am J Psychiatry** 1984 Nov;141(11):1494-5

Follow-up of children treated in psychiatric hospitals: a review of studies. Blotcky MJ, et al. **Am J Psychiatry** 1984 Dec;141(12):1499-507 (39 ref.)

Should physician training centers offer formal psychiatric assistance to house officers? A report on the major findings of a prototype program. Borenstein DB. **Am J Psychiatry** 1985 Sep;142(9):1053-7

Asylum not the answer for the chronically mentally ill [letter] Gralnick A. **Am J Psychiatry** 1985 Mar;142(3):394-5

Consumer evaluation of a community mental health service, II: Perceptions of clinical care. Lorefice LS, et al. **Am J Psychiatry** 1984 Nov;141(11):1449-52

Care needed in counting inpatient episodes [letter] Manderscheid RW, et al. **Am J Psychiatry** 1984 Nov; 141(11):1496-7

How primary care physicians treat psychiatric disorders: a national survey of family practitioners. Orleans CT, et al. **Am J Psychiatry** 1985 Jan;142(1):52-7

When doctors listen: counseling patterns of nonpsychiatrist physicians. Schurman RA, et al. **Am J Psychiatry** 1985 Aug;142(8):934-8

Homelessness not a mental health problem [letter] Tanquary JF. **Am J Psychiatry** 1985 Aug;142(8):997-8

The two-way street: aspects of regression in psychotherapy with aging patients. Bienenfeld D. **Am J Psychother** 1985 Jan;39(1):86-94

Psychoanalytic listening II. Chessick RD. **Am J Psychother** 1985 Jan;39(1):30-48

Do psychotherapies have specific effects? Frances A, et al. **Am J Psychother** 1985 Apr;39(2):159-74

Training issues in the treatment of severely disturbed patients. Giustra L. **Am J Psychother** 1985 Jan;39(1):95-107

Turner's syndrome: assessment and treatment for adult psychiatric patients. Hynes P, et al. **Am J Psychother** 1984 Oct;38(4):558-65

Fulfillment of therapeutic tasks as a precondition for acceptance in therapy. Omer H. **Am J Psychother** 1985 Apr;39(2):175-86

Mental health services providers' distribution across countries in the United States. Knesper DJ, et al. **Am Psychol** 1984 Dec;39(12):1424-34

Clinical treatment of the nondisclosing black client. A therapeutic paradox. Ridley CR. **Am Psychol** 1984 Nov; 39(11):1234-44

Patients of psychiatrists and psychologists in office-based practice: 1980. Taube CA, et al. **Am Psychol** 1984 Dec; 39(12):1435-47

Paediatric referral to a child psychiatrist. Graham P. **Arch Dis Child** 1984 Nov;59(11):1103-5

The 'offset effect' of mental health treatment on ambulatory medical care utilization and charges. Month-by-month and grouped-month analyses of a five-year study. Borus JF, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):573-80

Clients and patients of mental health services. Henisz JE, et al. **Arch Gen Psychiatry** 1977 Nov;34(11):1345-8

Nursing home care as an alternative to psychiatric hospitalization. A Veterans Administration Cooperative Study. Linn MW, et al. **Arch Gen Psychiatry** 1985 Jun; 42(6):544-51

The aftercare clinic as a residency training site. 'Community neuropsychiatry'. Miller MG. **Arch Gen Psychiatry** 1977 Nov;34(11):1349-52

Hospital payment effects on acute inpatient care for mental disorders. Rupp A, et al. **Arch Gen Psychiatry** 1985 Jun; 42(6):552-5

The hidden mental health network. Treatment of mental illness by nonpsychiatrist physicians. Schurman RA, et al. **Arch Gen Psychiatry** 1985 Jan;42(1):89-94

General practitioners and the health centre. Is there a meeting point? Hindmarsh E, et al. **Aust Fam Physician** 1985 Jul; 14(7):663-4, 668-70

Family admission policy in a child psychiatric unit. Bornstein D, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):61-70

Who treats in-patients with a primary psychiatric diagnosis? Stampfer HG, et al. **Aust NZ J Psychiatry** 1984 Dec; 18(4):379-86

Expectancy bias in behavioral observations of therapeutic outcome: an experimental analysis of treatment and halo effects. Michelson L, et al. **Behav Res Ther** 1985; 23(4):407-14

An afterdischarge window for ECT? Milstein V, et al. **Biol Psychiatry** 1984 Jul;19(7):1143-8

Use and misuse of electroconvulsive treatment. Ottosson JO. **Biol Psychiatry** 1985 Sep;20(9):933-46

More on psychotherapy [editorial] Wortis J. **Biol Psychiatry** 1984 Jul;19(7):933-4

Relaxation and assertive training as automated adjunct behaviour therapy administered in a self-control orientation with psychiatric patients. Gaber LB, et al. **Br J Clin Psychol** 1984 Nov;23 (Pt 4):301-9

A reassessment of clinical psychology as an applied science. Shapiro MB. **Br J Clin Psychol** 1985 Feb;24 (Pt 1):1-11

Mentally ill doctors [letter] Horton JN. **Br J Hosp Med** 1985 Jun;33(6):366

Mentally ill doctors. Rucinski J, et al. **Br J Hosp Med** 1985 Feb;33(2):90-4

Planned brief psychotherapy in clinical practice. Keller A. **Br J Med Psychol** 1984 Dec;57 (Pt 4):347-61

How can we compare different psychotherapies? Why are they all effective? Ryle A. **Br J Med Psychol** 1984 Sep; 57 (Pt 3):261-4

Attitudes of psychiatric nurses to treatment and patients. Scott DJ, et al. **Br J Med Psychol** 1985 Jun;58 (Pt 2):169-73

Development and application of criteria for classes of psychotherapy based on patients' requests for service. Wood WD, et al. **Br J Med Psychol** 1985 Mar;58 (Pt 1):45-54

The psychiatric intensive care unit. Goldney R, et al. **Br J Psychiatry** 1985 Jan;146:50-4

Understanding the Italian Experience. Jones K, et al. **Br J Psychiatry** 1985 Apr;146:341-7

Family therapy with the elderly mentally ill. Some strategies and techniques. Ratna L, et al. **Br J Psychiatry** 1984 Sep; 145:311-5

Alternatives to psychiatric hospitalisation. Tantam D. **Br J Psychiatry** 1985 Jan;146:1-4

Community care: planning mental health services [letter] **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1825-6

Can children with a psychiatric disorder be treated in a general ward? Kolind A, et al. **Br Med J [Clin Res]** 1985 Jul 27;291(6490):257-8

Mentally ill offenders in prison [letter] Reeves RW. **Br Med J [Clin Res]** 1985 Mar 9;290(6470):786

The treatment review panel: a solution to treatment refusal? Zito JM, et al. **Bull Am Acad Psychiatry Law** 1984; 12(4):349-58

Clinical and policy issues. Talbott JA. **Bull NY Acad Med** 1985 Jun;61(5):445-64

Treatment of immigrant Indian patients. Ananth J. **Can J Psychiatry** 1984 Oct;29(6):490-3

Diet and drug interactions in the treatment of mental illness--a review. Awad AG. **Can J Psychiatry** 1984 Nov; 29(7):609-13

The grieving witch: a framework for applying principles of cultural psychiatry to clinical practice. Beiser M. **Can J Psychiatry** 1985 Mar;30(2):130-41 (98 ref.)

Electroconvulsive therapy in a major teaching hospital: diagnoses and indications. Bland RC, et al. **Can J Psychiatry** 1985 Jun;30(4):288-92

Compliance to referrals from the psychiatric emergency room. Blouin A, et al. **Can J Psychiatry** 1985 Mar; 30(2):103-6

An effective therapeutic intervention with adolescent in-patients in love. Collins R. **Can J Psychiatry** 1984 Aug; 29(5):428-30

A two-year follow-up of a comparative trial of the cost-effectiveness of home and hospital psychiatric treatment. Fenton FR, et al. **Can J Psychiatry** 1984 Apr; 29(3):205-11

Issues in the therapy of hearing children with deaf parents. Frankenburg FR, et al. **Can J Psychiatry** 1985 Mar; 30(2):98-102

The prescription of psychotherapy. Freebury DR. **Can J Psychiatry** 1984 Oct;29(6):499-504

A fifteen-year psychogeriatric patient follow-up study. Grauer H, et al. **Can J Psychiatry** 1984 Aug;29(5):412-6

Whither deinstitutionalization? Human cost of renouncing protective custody [letter] Kubacki A. **Can J Psychiatry** 1984 Aug;29(5):447-8

Obstacles to the treatment of psychiatric patients [editorial] McConville B. **Can J Psychiatry** 1984 Oct;29(6):449-51

Cotherapy: the need for positive pairing. McMahon N, et al. **Can J Psychiatry** 1984 Aug;29(5):385-9

The Clarke Institute experience with electroconvulsive therapy: II. Treatment evaluation and standards of practice. Martin BA, et al. **Can J Psychiatry** 1984 Dec;29(8):652-7

ECT as a form of restraint [letter] Solyom L. **Can J Psychiatry** 1984 Nov;29(7):632-3

Overcontrolled children and outcome of short-term psychiatric hospitalization. LaBarbera JD. **Child Psychiatry Hum Dev** 1984 Fall;15(1):21-33

Assessment of behavioral change in a child psychiatric inpatient program. Waldron JA, et al. **Child Psychiatry Hum Dev** 1984 Winter;15(2):121-32

Assessing the cost of behaviorally oriented residential treatment: predictive program factors. Prentice-Dunn S, et al. **Child Welfare** 1985 Mar-Apr;64(2):137-42

Service utilization by black and white clientele in an urban community mental health center: revised assessment of an old problem. Armstrong HE Jr, et al. **Community Ment Health J** 1984 Winter;20(4):269-81

Clinical care update. The chronically mentally ill. Cutler DL. **Community Ment Health J** 1985 Spring;21(1):3-13

Standardizing outcome data in program evaluation. Dush DM. **Community Ment Health J** 1985 Spring;21(1):52-7

Weathering the cuts: a Delphi survey on surviving cutbacks in community mental health. Goplerud EN, et al. **Community Ment Health J** 1985 Spring;21(1):14-27

The effects of increased information on intake decision making in a rural mental health center. Howe HE Jr, et al. **Community Ment Health J** 1983 Fall;19(3):201-10

Policy shifts and organizational adaptation: a review of current developments. Jerrell JM, et al. **Community Ment Health J** 1984 Winter;20(4):282-93

What the neighbors think: community attitudes toward local psychiatric facilities. Rabkin JG, et al. **Community Ment Health J** 1984 Winter;20(4):304-12

Enhancing CMHC and church collaboration for the elderly. Tobin SS, et al. **Community Ment Health J** 1985 Spring; 21(1):58-61

Therapeutic alliance and long-term hospital treatment outcome. Allen JG, et al. **Compr Psychiatry** 1985 Mar-Apr; 26(2):187-94

Combined electroconvulsive and drug therapy. Barkai AI. **Compr Ther** 1985 Jul;11(7):48-53

Paths to psychiatric care in Hong Kong. Cheung FM, et al. **Cult Med Psychiatry** 1984 Sep;8(3):207-28

Issues for cross-cultural psychiatric research in South Africa. Swartz L. **Cult Med Psychiatry** 1985 Mar;9(1):59-74

Practical therapeutics: psychotherapy. Muluka EA. **East Afr Med J** 1984 Aug;61(8):657-60

Electrocardiographic changes following electroconvulsive therapy. Kitamura T, et al. **Eur Arch Psychiatry Neurol Sci** 1984;234(3):147-8

Thinking about thinking in family therapy. Auerswald EH. **Fam Process** 1985 Mar;24(1):1-12

Integrative shifts for the theory and practice of family systems therapy. Kantor D, et al. **Fam Process** 1985 Mar; 24(1):13-30

The debate: a strategic technique. Sheinberg M. **Fam Process** 1985 Jun;24(2):259-71

General hospital psychiatry in Italy: on the hospitalization of psychiatric patients and consultation-liaison psychiatry after Law 180, 1978. Cazzullo CL, et al. **Gen Hosp Psychiatry** 1984 Oct;6(4):261-5

Length of stay on a short-term unit. Kirshner LA, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):149-55

Characteristics and post-hospital perceptions of patients refusing inpatient treatment in a South African general hospital psychiatric unit. Schlebusch L, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):163-70

Failure to keep psychiatric follow-up appointments [letter] Sensky T. **Gen Hosp Psychiatry** 1985 Jul;7(3):272-3

A comprehensive psychiatric service. Wang AG. **Gen Hosp Psychiatry** 1984 Oct;6(4):258-60

Natural helpers: tools for working with the chronically mentally ill elderly. Quam JK. **Gerontologist** 1984 Dec; 24(6):564-7

Some observations of a geropsychiatrist on the value of house calls. Simon A. **Gerontologist** 1984 Oct;24(5):458-64

Mental health and social policy: initiatives for the 1980s. Mechanic D. **Health Aff (Millwood)** 1985 Spring;4(1):75-88

Community-based care of the mentally ill: a research review. Rubin A. **Health Soc Work** 1984 Summer;9(3):165-77 (35 ref.)

Service and patient predictors of continuation in clinic-based treatment. Atwood N, et al. **Hosp Community Psychiatry** 1985 Aug;36(8):865-9

Community coping skills enhanced by an adventure camp for adult chronic psychiatric patients. Banaka WH, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):746-8

The remedicalization of community mental health. Beigel A. **Hosp Community Psychiatry** 1984 Nov;35(11):1114-7

A decentralized mental health reporting program. Booker TC, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):19-21

Employee assistance programs: an overview and suggested roles for psychiatrists. Brill P, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):727-32

Prospective payment [letter] Darmstadter H. **Hosp Community Psychiatry** 1984 Oct;35(10):1043

Treatment planning for the patient who is incompetent to stand trial. Davis DL. **Hosp Community Psychiatry** 1985 Mar;36(3):268-71

Economic grand rounds. A chronic psychiatric patient in an HMO. Diamond RJ, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):239-41

A preliminary assessment of the impact of block grants on community mental health centers. Estes CL, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1125-9

The prison of mental disability. Etts S, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):229

Guidelines for hospitalization of chronic psychiatric patients. Glick ID, et al. **Hosp Community Psychiatry** 1984 Sep; 35(9):934-6

Build a better state hospital: deinstitutionalization has failed. Gralnick A. **Hosp Community Psychiatry** 1985 Jul; 36(7):738-41

Payment for psychiatric services under Canada's insurance system. el-Guebaly N, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):628-32

Measuring outcome [letter] Harris M, et al. **Hosp Community Psychiatry** 1984 Dec;35(12):1236-7

Development of an emergency psychiatric treatment unit. Kaskey GB, et al. **Hosp Community Psychiatry** 1984 Dec; 35(12):1220-2

Social skills training for chronic mental patients. Liberman RP, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):396-403

Inpatient group treatment on short-term acute care units. Maves PA, et al. **Hosp Community Psychiatry** 1985 Jan; 36(1):69-73

Dealing with staff reactions to perceived lack of progress by chronic mental patients. Menninger WW. **Hosp Community Psychiatry** 1984 Aug;35(8):805-8

Commitment to outpatient treatment: a national survey. Miller RD. **Hosp Community Psychiatry** 1985 Mar; 36(3):265-7

Public mental hospital work: pros and cons for psychiatrists. Miller RD. **Hosp Community Psychiatry** 1984 Sep; 35(9):928-33

Cycles of reform in the care of the chronically mentally ill. Morrissey JP, et al. **Hosp Community Psychiatry** 1984 Aug; 35(8):785-93

Economic discrimination against elderly psychiatric patients under medicare. Mumford E, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):587-9

Issues in the treatment of chronic mental patients. O'Connor J. **Hosp Community Psychiatry** 1984 Oct;35(10):989-90, 994

Variation among state hospitals in use of seclusion and restraint. Okin RL. **Hosp Community Psychiatry** 1985 Jun; 36(6):648-52

How community mental health centers are coping. Okin RL. **Hosp Community Psychiatry** 1984 Nov;35(11):1118-25

Nurse-psychotherapists: whom do they treat? Pelletier LR. **Hosp Community Psychiatry** 1984 Nov;35(11):1149-50

Assessing the effectiveness of a case management program. Perlman BB, et al. **Hosp Community Psychiatry** 1985 Apr; 36(4):405-7

Mentally disordered criminals [letter] Robins AJ. **Hosp Community Psychiatry** 1984 Dec;35(12):1237

Violent or fear-inducing behavior associated with hospital admission. Rossi AM, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):643-7

Motivation among forensic patients facing trial [letter] Savitsky JC, et al. **Hosp Community Psychiatry** 1985 Mar; 36(3):301-2

Reevaluating the work of a community mental health center: the care of chronic patients. Siegal AP, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1129-32

In defense of state hospitals. Sigel GS. **Hosp Community Psychiatry** 1984 Dec;35(12):1234-6

Seclusion and restraint in 1985: a review and update. Soloff PH, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):652-7

The chronic mentally ill and the criminal justice system: when to call the police. Stein LI, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):271-4

Compliance and outcome of patients accompanied by relatives to evaluations. Sweeney JA, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):1037-8

The obviously ill patient in need of treatment: a fourth standard for civil commitment. Treffert DA. **Hosp Community Psychiatry** 1985 Mar;36(3):259-64

A retrospective study of alcohol use by VA psychiatric inpatients. Vogel CH, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):287-90

Influence of aeroionotherapy on some psychiatric symptoms. Deleanu M, et al. **Int J Biometeorol** 1985 Mar;29(1):91-6

The hypnotic hero: a technique for hypnosis with children. Tilton P. **Int J Clin Exp Hypn** 1984 Oct;32(4):366-75

Psychiatric malpractice due to ignorance. Reports of cases of psychiatric treatment and traumatic neurosis handled by the doctor's liability board in which damages have been claimed. Achté KA, et al. **Int J Law Psychiatry** 1984; 7(2):189-95

Standards for civil commitment: a critical review of empirical research. Appelbaum PS. **Int J Law Psychiatry** 1984; 7(2):133-44

The therapy of mental disorders in Italy. The rôle of hospitals after the 1978 reform. Arata A, et al. **Int J Law Psychiatry** 1984;7(2):207-14

Observations on the Mental Health Act 1983. Hamilton JR. **Int J Law Psychiatry** 1983;6(3-4):371-80

The policy implications of insurance coverage for psychiatric services. Ruby G. **Int J Law Psychiatry** 1984;7(3-4):269-84

Punishment as treatment and the obligations of treatment providers. Schopp RF. **Int J Law Psychiatry** 1984; 7(2):197-205

Legalism revived: new mental health legislation in England. Shapland J, et al. **Int J Law Psychiatry** 1983;6(3-4):351-69

Patient advocacy: the Ontario experience. Turner T, et al. **Int J Law Psychiatry** 1984;7(3-4):329-50

The Danish Mental Health Act of 1938: 'progressive' psychiatric paternalism revised. Vestergaard J. **Int J Law Psychiatry** 1984;7(3-4):441-53

The combination of psychiatric treatment and yoga. Nešpor K. **Int J Psychosom** 1985;32(2):24-7

Cross-cultural psychiatry in Micronesia: the consultant's view. Allan AT, et al. **Int J Soc Psychiatry** 1985 Spring; 31(1):59-66

Pathology enhancement in the therapeutic community. Jeffrey WD. **Int J Soc Psychiatry** 1985 Summer;31(2):110-8

Cross-cultural comparison: psychiatric admission of Asian and indigenous patients in Leicestershire. Shaikh A. **Int J Soc Psychiatry** 1985 Spring;31(1):3-11

Local attitudes as a basis for the planning of a community mental health service in Jerusalem. Dasberg H, et al. **Isr J Psychiatry Relat Sci** 1984;21(4):247-65

The first 100 admissions to a regional general purpose adolescent unit. Ainsworth P. **J Adolesc** 1984 Dec; 7(4):337-48

The present status of unilateral ECT. Some recommendations. Abrams R, et al. **J Affective Disord** 1984 Dec;7(3-4):245-7

Cost of medical/surgical pediatric hospital days preventable by psychiatric treatment. Houts CB, et al. **J Am Acad Child Psychiatry** 1985 Mar;24(2):227-30

Therapist resistances to short-term dynamic psychotherapy. Hoyt MF. **J Am Acad Psychoanal** 1985 Jan;13(1):93-112

Guidelines for consultation with university personnel in student psychiatric emergencies. Moorman JC, et al. **J Am Coll Health** 1984 Oct;33(2):91-4

Use of mental health care services in Finland by students in different fields of study. Niemi T. **J Am Coll Health** 1984 Dec;33(3):123-5

Paradoxical techniques in therapy. Cade B. **J Child Psychol Psychiatry** 1984 Oct;25(4):509-16

A honeymoon effect in child psychiatric hospitalization: a research note. LaBarbera JD, et al. **J Child Psychol Psychiatry** 1985 May;26(3):479-83

Electroconvulsive therapy: a survey of use in the private psychiatric hospital. Levy SD, et al. **J Clin Psychiatry** 1985 Apr;46(4):125-7

Clients with MMPI high D-PD: therapy implications. Anderson W, et al. **J Clin Psychol** 1985 Mar;41(2):181-8

Treatment characteristics of psychiatric programs that correlate with patient community adjustment. Collins JF, et al. **J Clin Psychol** 1985 May;41(3):299-308

Older age research non-responders: an inpatient 'profile'. Hyer L, et al. **J Clin Psychol** 1984 Sep;40(5):1160-6

Life skill training: psychoeducational training as mental health treatment. May HJ, et al. **J Clin Psychol** 1985 May; 41(3):359-67

Characteristics of female clients that influence preference for the socially intimate and nonintimate female psychotherapists. Mindingall MP. **J Clin Psychol** 1985 Mar; 41(2):188-97

An investigation of some relationships between psychotherapy supervision and patient change. Steinhelber J, et al. **J Clin Psychol** 1984 Nov;40(6):1346-53

The young adult chronic patient: population overview. Pepper B. **J Clin Psychopharmacol** 1985 Jun;5(3 Suppl):3S-7S

The chronic patient: issues and concerns. Shader RI, et al. **J Clin Psychopharmacol** 1985 Jun;5(3 Suppl):1S-2S

Moving targets: patients' changing complaints during psychotherapy. Sorenson RL, et al. **J Consult Clin Psychol** 1985 Feb;53(1):49-54

The right to refuse treatment and the movement for mental health reform. Brown P. **J Health Polit Policy Law** 1984 Summer;9(2):291-313

Sex, marital status, and age as social selection factors in recent psychiatric treatment. Fox JW. **J Health Soc Behav** 1984 Dec;25(4):394-405

Involuntary outpatient psychiatric care: a timely innovation. Weitzel WD. **J Ky Med Assoc** 1984 Oct;82(10):511-3

A comparison of patient and staff attitudes toward seclusion. Soliday SM. **J Nerv Ment Dis** 1985 May;173(5):282-91

Impact of a case manager program on psychiatric aftercare. Wasylenki DA, et al. **J Nerv Ment Dis** 1985 May; 173(5):303-8

Self-awareness and self-confrontation: effects of self-focused attention on members of a clinical population. Gibbons FX, et al. **J Pers Soc Psychol** 1985 Mar;48(3):662-75

Day treatment transition groups. Helping outpatients stay out. Echternacht MR. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):11-6

Hospital places for mentally abnormal offenders [letter] **Lancet** 1985 Feb 16;1(8425):402

Care of mental patients out of hospital: a challenge to the government. **Lancet** 1985 Mar 16;1(8429):649-50

Psychoanalysis [letter] **Lancet** 1985 Mar 2;1(8427):522-3

Wanderers in a promised land. The chronically mentally ill and deinstitutionalization. Freedman RI, et al. **Med Care** 1984 Dec;22(12 Suppl):S1-60

Compulsory medical psychiatric hospitalization: a critical review of the Israeli law and a proposal for changes. Ginath Y, et al. **Med Law** 1985;4(3):199-203

The rights of the mental patient in Israel. Levy A, et al. **Med Law** 1984;3(4):405-20

Prison-psychiatry: medical or correctional discipline? Silfen P. **Med Law** 1985;4(3):239-49

The new paradox of psychiatric malpractice. Stone AA. **N Engl J Med** 1984 Nov 22;311(21):1384-7

Imagotherapy as a method of rehabilitation in neuroses and mental diseases. Vol'pert IE. **Neurosci Behav Physiol** 1985 Jan-Feb;15(1):77-81

The PACE family treatment and education program: a public health approach to parental competence and promotion of mental health. Goodman C. **New Dir Ment Health Serv** 1984 Dec;(24):53-77

Intervention for the severely disturbed mother. Stott FM, et al. **New Dir Ment Health Serv** 1984 Dec;(24):7-32

Treatment in mental hospitals [letter] Cliff G. **NZ Med J** 1985 Feb 27;98(773):114

Studies in general practice: interpractice differences. Gastpar M. **Pharmacopsychiatry** 1984 Sep;17(5):148-51

More on mental health deinstitutionalization [letter] **Postgrad Med** 1985 Apr;77(5):42-3, 46, 50

Mental health hits the gutter. The sad outcome of a 'noble' experiment [editorial] Wassersug JD. **Postgrad Med** 1984 Nov 1;76(6):13, 16, 19

Regression in the hospital large group: therapeutic implications. Firth ST. **Psychiatr J Univ Ottawa** 1985 Jun; 10(2):81-6

The influence of national health schemes on patients' unconscious expectations. Montgrain N. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):170-4

Challenges facing psychiatry in the eighties. Pardes H. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):155-9

Role modelling. Roberts CA. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):160-4

Baseline data for an epidemiologic study of the psychiatric adult outpatient clinics population served by the department of psychiatry of a university teaching general hospital. Sarwer-Foner GJ, et al. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):59-80

New chronic patients in the emergency service. Voineskos G. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):95-100

Day hospitalization as a therapeutic tool. Weil F. **Psychiatr J Univ Ottawa** 1984 Dec;9(4):165-9

A new format for the community meeting. Berczeller E. **Psychiatr Q** 1984 Spring;56(1):35-44

Institutional pathology in a psychiatric inpatient service. Blotnick-Pender VS. **Psychiatr Q** 1984 Summer;56(2):130-7

Residential instability in a psychiatric emergency setting. Chafetz L, et al. **Psychiatr Q** 1984 Spring;56(1):20-34

PSRO, quality review and mental health--a political and practical guide. Hertzman M. **Psychiatr Q** 1984 Summer;56(2):113-29

Health insurance and psychiatry: one peer reviewer's perspective. Parlour RR, et al. **Psychiatr Q** 1984 Fall;56(3):167-77

The patients rights representative program: design of an ombudsman service for mental patients. Ziegenfuss JT Jr, et al. **Psychiatr Q** 1984 Spring;56(1):3-12

Cognitive therapy versus systematic desensitization: is one treatment superior? Berman JS, et al. **Psychol Bull** 1985 May;97(3):451-61

Central Institute of Mental Health, Mannheim, West Germany. Häfner H, et al. **Psychol Med** 1985 May;15(2):417-31

Measuring the burden of psychiatric illness on the family: an evaluation of some rating scales. Platt S. **Psychol Med** 1985 May;15(2):383-93

The chronically mentally ill in primary care. Regier DA, et al. **Psychol Med** 1985 May;15(2):265-73

'Psychology as a health care profession:' how healthy was APA's case for the cost-effectiveness of psychological health care? Belden BD, et al. **Psychol Rep** 1985 Apr;56(2):391-401

Elements of prognosis in psychotherapy. Curtis JM. **Psychol Rep** 1985 Feb;56(1):11-8

The high cost of treating a psychiatric disorder as a medical/surgical illness. Cohen LM, et al. **Psychosomatics** 1985 May;26(5):453-5

Combined psychiatric-medical inpatient units: the Mount Sinai model. Goodman B. **Psychosomatics** 1985 Mar;26(3):179-82, 185-6, 189

Patient-therapist sexual contact. I. Psychodynamic perspectives on the causes and results. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):57-62

Patient-therapist sexual contact. II. Problems of subsequent psychotherapy. Apfel RJ, et al. **Psychother Psychosom** 1985;43(2):63-8

Consideration on present-day management of specialized medical assistance and the methodology of dispensary follow-up for psychic patients. Lăpuşan I, et al. **Sante Publique (Bucur)** 1984;27(4):291-300

Psychiatric emergency service in a Malaysian general hospital. Woon TH, et al. **Singapore Med J** 1984 Jun;25(3):161-4

Patients with multiple admissions in a community mental health service in Western Norway. Holsten F, et al. **Soc Psychiatry** 1985;20(2):55-9

The sanctuary of medicine. Pelicier Y. **Soc Psychiatry** 1985;20(2):53-4

Fully integrated in- and out-patient services in a psychiatric sector. Implementation of a new model for the care of psychiatric patients, favouring continuity of care. Perris C, et al. **Soc Psychiatry** 1985;20(2):60-9

Community psychiatric services in England and Finland. Salokangas RK, et al. **Soc Psychiatry** 1985;20(1):23-9

The assessment of patients' needs for community care. Wykes T, et al. **Soc Psychiatry** 1985;20(2):76-85

A problem with refusing certain forms of psychiatric treatment. Perry C. **Soc Sci Med** 1985;20(6):645-8

The lengthening hour: time and the demise of psychoanalysis as therapy. Starkey KP. **Soc Sci Med** 1985;20(9):939-43

Effectiveness of biofeedback in a private psychiatry practice. Sokol JB, et al. **W Va Med J** 1984 Sep;80(9):189-92

Dying with your 'rights on' or . . . killing with your 'rights on'. Sautter RD. **Wis Med J** 1985 Mar;84(3):6

[Psychiatric supervision in Fredriksberg Hospital. An analysis over a 3-month period] Aggernaes H, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):310-4 (Eng. Abstr.) **(Dan)**

[An epidemiological analysis of the need for and utilization of the existing possibilities for psychiatric problems in children] Kastrup M. **Ugeskr Laeger** 1985 Jan 21;147(4):339-43 (Eng. Abstr.) **(Dan)**

[From therapy to teaching and from research to therapy] Breulet M. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):425-38 (Eng. Abstr.) **(Fre)**

[Profile of psychiatric emergencies in general hospital wards] Corten P, et al. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):483-99 (Eng. Abstr.) **(Fre)**

[The need for psychiatric hospitalization] Korn M. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):387-95 (Eng. Abstr.) **(Fre)**

[The stakes in psychiatric hospitalization. Is an ethical approach possible?] Lapy B. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):439-51 (Eng. Abstr.) **(Fre)**

[Childhood, adolescence and psychiatric hospitalization] Mambourg PH. **Acta Psychiatr Belg** 1984 Sep-Oct;84(5):396-401 (Eng. Abstr.) **(Fre)**

[Epidemiology and space of the therapeutic project] Chanoit PF. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1145-59 (Eng. Abstr.) **(Fre)**

[Computer program for the processing of data collected during therapeutic trials in psychiatry] Dreyfus JF, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):902-7 (Eng. Abstr.) **(Fre)**

[Full-time hospitalization in adult psychiatry: indications and contraindications] Havet JM. **Ann Med Psychol (Paris)** 1985 Jan;143(1):97-103 **(Fre)**

[Psychiatric emergencies and systems thinking] Seywert F. **Ann Med Psychol (Paris)** 1984 Jun;142(6):769-80 (Eng. Abstr.) **(Fre)**

[Remedicalization of psychiatry] Pichot P. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):462-6 (Eng. Abstr.) **(Fre)**

[Retrospective study of mental patients who have committed criminal acts] Hodgins S, et al. **Can J Psychiatry** 1984 Dec;29(8):669-75 (Eng. Abstr.) **(Fre)**

[Toward a redefinition of community psychiatry in Quebec] Lesage A, et al. **Can J Psychiatry** 1984 Oct;29(6):485-9 (Eng. Abstr.) **(Fre)**

[Ethnopsychiatric observations apropos of the ritualization of deviation] Coppo P. **Med Trop (Mars)** 1985 Jan-Mar;45(1):67-71 (Eng. Abstr.) **(Fre)**

[Family self-reference] Miermont J. **Psychiatr Enfant** 1984;27(1):127-73 **(Fre)**

[Several aspects of play in the psychotherapy of the child] Rod AL, et al. **Psychiatr Enfant** 1985;28(1):135-60 **(Fre)**

[Treatment and security in psychiatric hospitals: the model of the Bethlem Royal Hospital] MacKeith JA. **Rev Med Suisse Romande** 1985 Jan;105(1):45-51 **(Fre)**

[Regionalization of child and adolescent psychiatric care in the canton of Zurich] Wille A. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):265-8 **(Ger)**

[Familial stresses as a sequel of psychiatric diseases in a relative. Results of an interview with relatives] Aschoff-Pluta R, et al. **Fortschr Med** 1984 Aug 30;102(31-32):785-90 (Eng. Abstr.) **(Ger)**

[Access to medical records following psychiatric treatment. The federal court clarifies exceptions to the rule advocating confidentialty] Krautkrämer H. **Fortschr Med** 1985 May 15;103(19):102-3 **(Ger)**

[Scientific evaluation of psychiatric health systems: principles and research strategies] Cooper B, et al. **Nervenarzt** 1985 Jul;56(7):348-58 **(Ger)**

[Structure of psychiatric services, exemplified by inpatient care in the area of Münster] Crome A, et al. **Nervenarzt** 1985 Jan;56(1):25-32 **(Ger)**

[Current legal developments and psychiatric practice] Helmchen H. **Nervenarzt** 1984 Nov;55(11):565-73 **(Ger)**

[Psychiatry reform in the psychiatric district hospital: progress and obstacles in the last 7 years] Reimer F. **Nervenarzt** 1985 Mar;56(3):161-5 **(Ger)**

[Social psychiatric counseling station at the district health office in Marburg/Biedenkopf--a study of its clientele and its work methods] Brücher K. **Off Gesundheitswes** 1985 Jan;47(1):20-4 **(Ger)**

[Protection data and research: conflicts and solutions] Bahr J, et al. **Prax Kinderpsychol Kinderpsychiatr** 1984 Nov-Dec;33(8):296-301 (Eng. Abstr.) **(Ger)**

[Group processes in team supervision--constructive and destructive effects] Barthe HJ. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun;34(4):142-8 (Eng. Abstr.) **(Ger)**

[Utilization of a regional child psychiatric treatment facility] Beck B, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jul;34(5):187-95 (Eng. Abstr.) **(Ger)**

[Power and powerlessness in dealing with children] Biermann G. **Prax Kinderpsychol Kinderpsychiatr** 1984 Aug-Sep;33(6):206-13 (Eng. Abstr.) **(Ger)**

[Introduction to inpatient child and adolescent psychiatric treatment by the initial family interview] Bovensiepen G. **Prax Kinderpsychol Kinderpsychiatr** 1985 Jul;34(5):172-6 (Eng. Abstr.) **(Ger)**

[The institution and the ecosystem--aspects of child psychiatric problem solving] Gehring TM. **Prax Kinderpsychol Kinderpsychiatr** 1984 Jul;33(5):172-8 (Eng. Abstr.) **(Ger)**

[Inpatient adolescent psychiatric therapy as evaluated by the patients] Kammerer E, et al. **Prax Kinderpsychol Kinderpsychiatr** 1985 May-Jun;34(4):123-33 (Eng. Abstr.) **(Ger)**

[Observations *on traditional* African medicine--report on an annually occurring celebration of the ill in Senegal] Koumare B, et al. **Psyche (Stuttg)** 1984 Aug;38(8):710-6 (Eng. Abstr.) **(Ger)**

[Side effects of bilateral electroconvulsive therapy--comparative clinico-computer tomographic study] Genz A, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr;37(4):197-204 (Eng. Abstr.) **(Ger)**

[Documentation and control of the change process in group psychotherapy] Geyer M, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Dec;36(12):714-26 (Eng. Abstr.) **(Ger)**

[Is electroshock not a therapy?] Grüss U, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Mar;37(3):160-8 (Eng. Abstr.) **(Ger)**

[Experiences with the combination of communication training and dynamic group psychotherapy] Koch J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):339-46 (Eng. Abstr.) **(Ger)**

[Electronic data processing-assisted epicrisis in clinico-psychiatric documentation of findings] Koselowski G, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul;36(7):414-9 (Eng. Abstr.) **(Ger)**

[Some ethical aspects of psychotherapeutic work] Röhrborn H. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jun;37(6):318-22 (Eng. Abstr.) **(Ger)**

[Ethical principles and moral norms of psychiatric care in a socialistic society] Späte HF, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jul;36(7):385-94 (Eng. Abstr.) **(Ger)**

[Normative and legal procedure prerequisites in the commitment of psychiatric patients in relation to Paragraph 6 of the Commitment Law of East Germany] Späte HF, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Aug;36(8):489-95 (Eng. Abstr.) **(Ger)**

[Patients, families and reform psychiatrists. A study on the relation between relatives of psychiatric patients and personnel of the psychiatric service in the province Arezzo/Italy] Bertram W. **Psychiatr Prax** 1984 Sep;11(5):151-6 (Eng. Abstr.) **(Ger)**

[Treatment conditions and discharge from the viewpoint of the therapist and patient--on the follow-up of former patients of a social psychiatric model institution] Bosch G, et al **Psychiatr Prax** 1985 Mar;12(2):55-62 (Eng. Abstr.) **(Ger)**

[Segregation of psychiatrically ill offenders in specialty clinics--the end of the deportation game?] Burghardt A, et al. **Psychiatr Prax** 1985 May;12(3):73-7 (Eng. Abstr.) **(Ger)**

[Self-help groups--the idea of self-help and the concept of discussion self-help groups] Daum KW. **Psychiatr Prax** 1984 Sep;11(5):157-62 (Eng. Abstr.) **(Ger)**

[Ambulatory psychiatric treatment and suicide] Finzen A, et al. **Psychiatr Prax** 1984 Jul;11(4):120-4 (Eng. Abstr.) **(Ger)**

[Reflections on family-oriented work in a psychiatric acute station] Heltzel R. **Psychiatr Prax** 1984 Sep;11(5):144-50 (Eng. Abstr.) **(Ger)**

[Fate of nonadmitted patients in a psychiatric university clinic] Hirschmüller A, et al. **Psychiatr Prax** 1985 Mar;12(2):48-54 (Eng. Abstr.) **(Ger)**

[Types of work with relatives in psychiatry] Katschnig H, et al. **Psychiatr Prax** 1984 Sep;11(5):137-43 (Eng. Abstr.) **(Ger)**

[Psychiatric hospitals--an institutionalized defense system. I] Leuschner W. **Psychiatr Prax** 1985 Jul;12(4):111-5 (Eng. Abstr.) **(Ger)**

[Significance of expert-guided groups for relatives in psychiatry] Plessen U, et al. **Psychiatr Prax** 1985 Mar;12(2):43-7 (Eng. Abstr.) **(Ger)**

[Suicide in psychiatric therapy: problem sketch and consequences for forensic psychiatry evaluation] Rösler M. **Psychiatr Prax** 1985 May;12(3):90-3 (Eng. Abstr.) **(Ger)**

[Research in county and district psychiatric hospitals] Schiepek G, et al. **Psychiatr Prax** 1984 Nov;11(6):175-82 (Eng. Abstr.) **(Ger)**

[The residential structure as a therapeutic instrument] Uchtenhagen A. **Psychiatr Prax** 1984 Sep;11(5):163-7 (Eng. Abstr.) **(Ger)**

['Turning trouble into virtue'--5 years of cooperation of a psychiatric department with a center for the elderly and home for the aged] Warsitz P, et al. **Psychiatr Prax** 1985 Mar;12(2):33-42 (Eng. Abstr.) **(Ger)**

[Liberal or controlled approach--the management of violent patients in psychiatric clinics] Zeiler J. **Psychiatr Prax** 1985 Jul;12(4):124-9 (Eng. Abstr.) **(Ger)**

[The general practitioner's expectations of psychotherapists and psychiatrists] Burkhardt S. **Psychother Psychosom Med Psychol** 1985 May;35(5):116-9 (Eng. Abstr.) **(Ger)**

[Is the success of psychotherapeutic treatment predictable? Experiences from the Penn Psychotherapy Project] Kächele H, et al. **Psychother Psychosom Med Psychol** 1985 Aug;35(8):201-6 (Eng. Abstr.) **(Ger)**

[Psychotherapy for psychiatric patients of advanced age] Kockott G. **Psychother Psychosom Med Psychol** 1984 Sep-Oct;34(9-10):223-31 (Eng. Abstr.) **(Ger)**

[Reflections on the evaluation of psychotherapeutic treatments] Kordy H, et al. **Psychother Psychosom Med Psychol** 1985 Aug;35(8):207-12 (Eng. Abstr.) **(Ger)**

[Effectiveness of psychotherapy from the sociologic *viewpoint]* Klahre V. **Z Arztl Fortbild (Jena)** 1985;79(4):155-7 **(Ger)**

[Catamnestic study following inpatient dynamic group psychotherapy] Wruck P, et al. **Z Arztl Fortbild (Jena)** 1985;79(4):171-6 **(Ger)**

[Gerontopsychiatry in Heidelberg: documentation] Oesterreich K, et al. **Z Gerontol** 1984 Nov-Dec;17(6):373-80 (Eng. Abstr.) **(Ger)**

[Status of day care treatment of elderly psychiatric patients in West Germany and West Berlin] Steinhart I, et al. **Z Gerontol** 1984 Nov-Dec;17(6):367-72 (Eng. Abstr.) **(Ger)**

[Individually oriented research results: assessment and evaluation of the effects of therapy based on individual treatment goals. 2: Use and evaluation aspects] Kordy H, et al. **Z Klin Psychol Psychopathol Psychother** 1984; 32(4):309-18 **(Ger)**

[Individually oriented progress research: detection and evaluation of therapeutic effect based on individual treatment goals. 1: Is there, in research on results, a space for individually oriented procedures?] Kordy H, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(3):218-33 (Eng. Abstr.) **(Ger)**

[Criterion of 'effectiveness' of psychotherapeutic treatment methods: definition and empirical determination] Leichsenring F, et al. **Z Klin Psychol Psychopathol Psychother** 1984;32(4):319-32 **(Ger)**

[Catamnestic studies in psychotherapy--problems and results up to now] Lensch K. **Z Klin Psychol Psychopathol Psychother** 1984; 32(4):292-308 **(Ger)**

[Anamnesis as drama--the first sentences] Friedrich H. **Z Psychosom Med Psychoanal** 1984;30(4):314-22 (Eng. Abstr.) **(Ger)**

[Body language in the psychoanalytic treatment situation] Herdieckerhoff G. **Z Psychosom Med Psychoanal** 1985; 31(2):129-50 (Eng. Abstr.) **(Ger)**

[Understanding the life history: diagnostic, therapeutic and methodologic viewpoints] Schelling WA. **Z Psychosom Med Psychoanal** 1985;31(3):205-14 (Eng. Abstr.) **(Ger)**

[Mental health, family, territory. An unsolved problem] Ravizza L, et al. **Minerva Psichiatr** 1984 Oct-Dec; 25(4):203-8 (Eng. Abstr.) **(Ita)**

[Chemotherapy and psychotherapy--therapeutic approaches in psychiatric diseases resistant to treatment] Nishizono M. **Seishin Shinkeigaku Zasshi** 1984;86(12):939-50 **(Jpn)**

[A study of attributes of psychotherapists through the therapeutic process: evaluations of the meaningful actions of clients] Nagai T. **Shinrigaku Kenkyu** 1984 Oct; 55(4):207-13 (Eng. Abstr.) **(Jpn)**

[Outpatient psychiatric activity in Norway] Ogar B, et al. **Tidsskr Nor Laegeforen** 1984 Sep 30;104(27):1921-5 (Eng. Abstr.) **(Nor)**

[Characteristics of the working system in a psychiatric department studied by questionnaires circulated among patients and their families] Kiejna A, et al. **Psychiatr Pol** 1984 Jul-Aug;18(4):355-61 (Eng. Abstr.) **(Pol)**

[Research methodology and aspects of the morbidity and effectiveness of hospitalization in mental disorders. V. Contributions on the increased efficiency of medical assistance of hospitalized mental patients] Lăpuşan L, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr-Jun; 29(2):121-9 (31 ref.) (Eng. Abstr.) **(Rum)**

[A psychiatric therapeutic system. Theoretical and practical aspects] Lăzărescu M, et al. **Rev Med Interna [Neurol Psihiatr]** 1984 Apr-Jun;29(2):81-8 (24 ref.) (Eng. Abstr.) **(Rum)**

[Effectiveness of psychiatric services] Demidov NA. **Sov Med** 1984;(7):70-1 **(Rus)**

[Evaluation of a community-based care system for mental patients] Khefner Kh, et al. **Zh Nevropatol Psikhiatr** 1985; 85(1):116-21 (Eng. Abstr.) **(Rus)**

[One of the forms of operation of a day-night hospital complex (with a stage of round-the-clock hospital stays) at a psychoneurologic dispensary] Kucherov AIu, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1358-62 (Eng. Abstr.) **(Rus)**

[Pressing questions concerning the organization of treatment divisions of modern psychiatric hospitals] Voronkov GL, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1354-7 (Eng. Abstr.) **(Rus)**

[Psychiatry and mental health care] Vučković S. **Med Pregl** 1984;37(9-10):377-8 **(Scr)**

[Use of psychomotor therapy in psychiatric institutions] Bacúrová E. **Cesk Psychiatr** 1985 Feb;81(1):15-9 (Eng. Abstr.) **(Slo)**

[Rescue of the soul] León CA. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul-Aug;12(4):233-46 **(Spa)**

[Differential profile of psychiatric emergencies in a general hospital and a psychiatric hospital] Ramos Brieva JA, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan-Feb; 13(1):57-64 (Eng. Abstr.) **(Spa)**

[Psychiatric care of the adolescent student. Experience with 276 students cared for as out-patients in a specialized unit] Silva Riesco G. **Rev Med Chil** 1984 Aug;112(8):831-5 (Eng. Abstr.) **(Spa)**

URINE

Urine excretion of methoxy-hydroxyphenylglycol: a method of measure. Reynders J, et al. **Acta Psychiatr Belg** 1984 May-Jun;84(3):249-51

The norepinephrine-to-epinephrine ratio in patients with a history of suicide attempts. Ostroff RB, et al. **Am J Psychiatry** 1985 Feb;142(2):224-7

MENTAL DISORDERS, ORGANIC see **ORGANIC MENTAL DISORDERS**

MENTAL DISORDERS, ORGANIC, PSYCHOTIC see **ORGANIC MENTAL DISORDERS, PSYCHOTIC**

MENTAL DISORDERS, ORGANIC, SUBSTANCE-INDUCED see **ORGANIC MENTAL DISORDERS, SUBSTANCE-INDUCED**

MENTAL HEALING

The role of hallucinogenic drugs and sensory stimuli in Peruvian ritual healing. Joralemon D. **Cult Med Psychiatry** 1984 Dec;8(4):399-430

Lourdes cures and their medical assessment. Dowling SJ. **J R Soc Med** 1984 Aug;77(8):634-8

The vidente phenomenon in third world traditional healing: an Amazonian example. Dobkin de Rios M. **Med Anthropol** 1984 Winter;8(1):60-70

The nonsharing of medical knowledge among spiritualist healers and their patients: a contribution to the study of intra-cultural diversity and practitioner-patient relationship. Finkler K. **Med Anthropol** 1984 Summer; 8(3):195-209

Indigenous treatment for alcoholism: the case of Puerto Rican spiritism. Singer M, et al. **Med Anthropol** 1984 Fall; 8(4):246-73

The shaman and the medicine-man. Hultkrantz A. **Soc Sci Med** 1985;20(5):511-5

Trust, talk and touch in Balkan folk healing. Kerewsky-Halpern B. **Soc Sci Med** 1985;21(3):319-25

[The shaman: witness of an old culture--is it revivable?] Scharfetter C. **Schweiz Arch Neurol Psychiatr** 1985; 136(3):81-95 (Eng. Abstr.) **(Ger)**

MENTAL HEALTH

Women with nonorganic psychosis: factors associated with pregnancy's effect on mental health. McNeil TF, et al. **Acta Psychiatr Scand** 1984 Sep;70(3):209-19

Childhood social adjustment, adolescent status, and young adult mental health. Roff JD, et al. **Am J Orthopsychiatry** 1984 Oct;54(4):595-602

The need for tests of normal functioning in the psychiatric interview. Havens LL. **Am J Psychiatry** 1984 Oct; 141(10):1208-11

Psychiatric epidemiology and clinical psychiatry [letter] Klerman GL, et al. **Am J Psychiatry** 1985 Sep; 142(9):1123-4

The alchemy of mental health policy: homelessness and the fourth cycle of reform. Goldman HH, et al. **Am J Public Health** 1985 Jul;75(7):727-31

Effects of unemployment on mental and physical health. Linn MW, et al. **Am J Public Health** 1985 May;75(5):502-6

Mental health needs associated with Tourette syndrome. Stefl ME. **Am J Public Health** 1984 Dec;74(12):1310-3

Psychological, nutritional and physical status of olympic road cyclists. Johnson A, et al. **Br J Sports Med** 1985 Mar; 19(1):11-4

Traditional Chinese views on geriatric mental health. Cui GG, et al. **Chin Med J [Engl]** 1984 Apr;97(4):291-4

Promoting social support: the impact of California's 'Friends Can Be Good Medicine' campaign. Hersey JC, et al. **Health Educ Q** 1984 Fall;11(3):293-311

Mental health status of parents of physically handicapped children. Sharma U, et al. **Indian Pediatr** 1985 Mar; 22(3):185-90

Stress, health, and mental health symptoms of older women and men. Sinnott JD. **Int J Aging Hum Dev** 1984-85; 20(2):123-32

Mental health and apartheid. World Psychiatric Association conference report. Burke AW. **Int J Soc Psychiatry** 1985 Summer;31(2):144-8

The Family Functioning in Adolescence Questionnaire: a measure of psychosocial family health during adolescence. Roelofse R, et al. **J Adolesc** 1985 Mar;8(1):33-45

Social policy and the mental health of black children. Comer JP, et al. **J Am Acad Child Psychiatry** 1985 Mar; 24(2):175-81

Mental health and female sterilization: a follow-up. Report of a WHO Collaborative prospective study. **J Biosoc Sci** 1985 Jan;17(1):1-18

Hypertension labeling and well-being: alternative explanations in cross-sectional data. Wagner EH, et al. **J Chronic Dis** 1984;37(12):943-7

A quantitative method of identifying older persons at risk for increasing long term care services. Williams ME, et al. **J Chronic Dis** 1984;37(9-10):705-11

Measuring the social psychological health states of ambulatory chronically ill patients: hypertension and diabetes as tracer conditions. Given CW. **J Community Health** 1984 Spring;9(3):179-95

Age and sex differences in the mental health of older persons. Himmelfarb S. **J Consult Clin Psychol** 1984 Oct; 52(5):844-56

Informed consent and incompetent medical patients. Munetz MR, et al. **J Fam Pract** 1985 Mar;20(3):273-9

The impact of forced residential relocation on the health of the elderly hotel dweller. Eckert JK, et al. **J Gerontol** 1984 Nov;39(6):753-5

Social resources and mental health: an empirical refinement. Harel Z, et al. **J Gerontol** 1984 Nov;39(6):747-52

Extended family relationships, social support, and mental health in a southern black community. Dressler WW. **J Health Soc Behav** 1985 Mar;26(1):39-48

Mental health and work stress in office workers in Hong Kong. Lam TH, et al. **J Occup Med** 1985 Mar; 27(3):199-205

Some psychological effects associated with positive and negative thinking about stressful event outcomes: was Pollyanna right? Goodhart DE. **J Pers Soc Psychol** 1985 Jan;48(1):216-32

Mental health concepts of evangelical Protestants. McLatchie LR, et al. **J Psychol** 1984 Nov;118(2ND Half):147-59

Exploring peer relationships. Crockett MS. **J Psychosoc Nurs Ment Health Serv** 1984 Oct;22(10):18-25

The great androgyny myth: sex roles and mental health in the community at large.. Ray JJ, et al. **J Soc Psychol** 1984 Dec;124(2ND Half):237-46

Traditional Chinese concepts of mental health. Li ZZ. **JAMA** 1984 Dec 14;252(22):3169

Mental health and hypertension [letter] Mann A. **Lancet** 1984 Oct 20;2(8408):929

Negligence and the Mental Health Act. Wells W. **Lancet** 1985 Sep 7;2(8454):547

Hmong refugees in Minnesota: sex roles and mental health. Westermeyer J, et al. **Med Anthropol** 1984 Fall;8(4):229-45

How can epidemiology contribute to the planning of health services research? A discussion of the role of psychosocial and psychiatric epidemiology. Kasl SV. **Med Care** 1985 May;23(5):598-606

Medical psychology in exercise and sport. Dishman RK. **Med Clin North Am** 1985 Jan;69(1):123-43 (208 ref.)

Cognitive determinants of the perception of mental health status. Lockwood L. **Med Hypotheses** 1984 Sep;15(1):61-5

Employment, family roles, and mental ill health in young married women. Woods NF. **Nurs Res** 1985 Jan-Feb; 34(1):4-10

Health team has special challenge when employees face death or illness. Kurt TL. **Occup Health Saf** 1985 Apr;54(4):76

A concept of mental health. Rogers FB. **Penn Med** 1984 Nov;87(11):28-30

The closing at Canadian Admiral: correlates of individual well-being sixteen months after shutdown. Burke RJ. **Psychol Rep** 1984 Aug;55(1):91-8

Conceptualizations of mental health. George JC, et al. **Psychol Rep** 1984 Aug;55(1):329-30

The relation of physical activity and exercise to mental health. Taylor CB, et al. **Public Health Rep** 1985 Mar-Apr; 100(2):195-202

Housing type, housing location and mental health. McCarthy P, et al. **Soc Psychiatry** 1985;20(3):125-30

Strategies and outcomes of introducing a mental health plan in Brazil. Richeport M. **Soc Sci Med** 1984;19(3):261-71

Some ingredients for mental health. Greenblatt M. **West J Med** 1984 Dec;141(6):861-3

[Mental health and large buildings in western Europe] Lefebvre P. **Ann Med Psychol (Paris)** 1984 Apr; 142(4):527-32 **(Fre)**

[Primary prevention program in mental health] Martínez Pérez A. **Acta Psiquiatr Psicol Am Lat** 1984 Jun; 30(2):146-50 (Eng. Abstr.) **(Spa)**

HISTORY

Public health aspects of mental health: the last 75 years of the American Journal of Public Health. Williams CL, et al. **Am J Public Health** 1985 Jul;75(7):722-6

MENTAL HEALTH ASSOCIATION see under **VOLUNTARY HEALTH AGENCIES**

MENTAL HEALTH SERVICES

Home assessment and treatment in a community psychiatric service. Tufnell G, et al. **Acta Psychiatr Scand** 1985 Jul; 72(1):20-8

Psychiatry in the emergency department: factors associated with treatment and disposition. Murphy JG, et al. **Am J Emerg Med** 1984 Jul;2(4):309-14

Psychiatric patients in the emergency center [editorial] Peterson LG, et al. **Am J Emerg Med** 1984 Jul;2(4):370

On mental health services by HMOs [letter] Cheifetz DI, et al. **Am J Public Health** 1984 Dec;74(12):1420-1

Victims of crime. Their plight, our response. Herrington LH. **Am Psychol** 1985 Jan;40(1):99-103

Therapy managing in Botswana. Ben-Tovim DI. **Aust NZ J Psychiatry** 1985 Mar;19(1):88-91

Mental health care in the district hospital. Egdell HG. **Br Med J [Clin Res]** 1984 Dec 15;289(6459):1671-4

Recommendations of the Caribbean Conference on Health/Mental Health Models. **Bull Pan Am Health Organ** 1984;18(4):408-11

Compliance to referrals from the psychiatric emergency room. Blouin A, et al. **Can J Psychiatry** 1985 Mar; 30(2):103-6

Innovative mental health services for child disaster victims. Lystad M. **Child Today** 1985 Jan-Feb;14(1):13-7

Paths to psychiatric care in Hong Kong. Cheung FM, et al. **Cult Med Psychiatry** 1984 Sep;8(3):207-28

Drug dependence units in England and Wales. The results of a national survey. Smart C. **Drug Alcohol Depend** 1985 May;15(1-2):131-44

Former state hospital patients in private general hospital psychiatric emergency settings. Bassuk EL, et al. **Gen Hosp Psychiatry** 1985 Apr;7(2):144-8

Medical and surgical inpatients who referred themselves for psychiatric consultation. Fulop G, et al. **Gen Hosp Psychiatry** 1985 Jul;7(3):267-71

Integrating mental health and general health care. Ozarin LD, et al. **Hillside J Clin Psychiatry** 1981;3(1):97-105

A decentralized mental health reporting program. Booker TC, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):19-21

Accidental and homicidal death in a psychiatric emergency room population. Hillard JR, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):640-3

An outcome study of an inpatient treatment program for pathological gamblers. Russo AM, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):823-7

The need for hospitalization as perceived by emergency room patients and clinicians. Wood KA, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):830-2

Alcoholism and drug abuse service forecasting models: a comparative discussion. Ford WE. **Int J Addict** 1985 Feb;20(2):233-52

Perception of treatment needs: differences between patients and staff of a drug abuse treatment program. Jordan KS, et al. **Int J Addict** 1985 Feb;20(2):345-51

The Zar spirits, a category of magic in the system of mental health care in Ethiopia. Kahana Y. **Int J Soc Psychiatry** 1985 Summer;31(2):125-43

The unmet psychiatric needs of sexually abused youths: referrals from a child protection agency and clinical evaluations. Adams-Tucker C. **J Am Acad Child Psychiatry** 1984 Nov;23(6):659-67

Facilitating mental health on college campuses: consultation between university counseling centers and offices of residence life. McLeod M, et al. **J Am Coll Health** 1985 Feb;33(4):168-70

The college student psychiatric emergency: II. Diagnosis and disposition. Perlmutter RA, et al. **J Am Coll Health** 1985 Feb;33(4):152-8

The Primary Mental Health Project reconsidered. Stein DM, et al. **J Consult Clin Psychol** 1984 Dec;52(6):940-5

Availability of mental health resources for residents in academic medical centers. Borenstein DB. **J Med Educ** 1985 Jul;60(7):517-23

Mental health--potholes on the road from Richmond. Best J. **Med J Aust** 1985 Feb 18;142(4):270-2

Children of disturbed parents: a research-based model for intervention. Goodman SH. **New Dir Ment Health Serv** 1984 Dec;(24):33-51

Reaching the hard-to-reach: serving isolated and depressed mothers with infants in the community. Lyons-Ruth K, et al. **New Dir Ment Health Serv** 1984 Dec;(24):95-122

Civilians under war stress. Weil F. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):53-5

Psychosocial and medical factors influencing referral to an Israeli Air Force Base Mental Health Clinic. Rabinowitz S, et al. **Psychol Rep** 1984 Aug;55(1):29-30

Child mental health: experience of eight countries. Sartorius N, et al. **WHO Chron** 1984;38(5):208-11

[The present state of gerontopsychiatric care in Czechoslovakia] Janik A, et al. **Cesk Psychiatr** 1984 Aug;80(4):212-4 (Eng. Abstr.) **(Cze)**

[Emergency psychiatry. I. A study of the function of the emergency psychiatric admission and the activity involved in a population of first referrals] Lindhardt A, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):343-8 (Eng. Abstr.) **(Dan)**

[Emergency psychiatry. II. A study of the problems associated with referral and the prevailing psychological factors in a population of first referrals to an acute psychiatric department] Lindhardt A, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):349-53 (Eng. Abstr.) **(Dan)**

[Psychiatric emergency service in Tokyo: from the viewpoint of the help-seeking behavior of the family] Oshima I. **Seishin Shinkeigaku Zasshi** 1984;86(5):340-60 **(Jpn)**

[System of therapeutic-health-improving measures in the screening of adolescents with mental disorders] Gurovich IIa, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1568-71 (Eng. Abstr.) **(Rus)**

[A cognitive-therapeutic relationship used at an emergency admission department] Perris C, et al. **Lakartidningen** 1984 Oct 17;81(42):3805-6 **(Swe)**

ECONOMICS

Cost sharing and the use of ambulatory mental health services. Manning WG Jr, et al. **Am Psychol** 1984 Oct;39(10):1077-89

Costs of mandates for outpatient mental health care in private health insurance. Frisman LK, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):558-61

A two-year follow-up of a comparative trial of the cost-effectiveness of home and hospital psychiatric treatment. Fenton FR, et al. **Can J Psychiatry** 1984 Apr;29(3):205-11

On direct patient participation in the cost of their psychiatric care. Part II: Access to services, impact on practice and training implications. el-Guebaly N, et al. **Can J Psychiatry** 1985 Apr;30(3):184-9

On direct patient participation in the cost of their psychiatric care. Part I. A review of the empirical and experimental evidence. el-Guebaly N, et al. **Can J Psychiatry** 1985 Apr;30(3):178-83

Obstacles to the treatment of psychiatric patients [editorial] McConville B. **Can J Psychiatry** 1984 Oct;29(6):449-51

Economic grand rounds. A chronic psychiatric patient in an HMO. Diamond RJ, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):239-41

Direct costs and expenditures for mental health care in the United States in 1980. Frank RG, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):165-8

Prospective payment: the vital role of research [editorial] Frazier SH. **Hosp Community Psychiatry** 1985 Jul;36(7):701

Challenges in bringing exempt psychiatric services under a prospective payment system. Jencks SF, et al. **Hosp Community Psychiatry** 1985 Jul;36(7):764-9

Economic discrimination against elderly psychiatric patients under medicare. Mumford E, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):587-9

Are psychiatric benefits worth the cost? [editorial] Scherl DJ. **JAMA** 1985 Jun 14;253(22):3300-1

Care of long-term mental patients in Canada [letter] Liptzin B. **N Engl J Med** 1985 Oct 10;313(15):960

Prospective payment and mental health. Katz PS. **QRB** 1984 Nov;10(11):355-8

HISTORY

Women in Arizona medicine: Mary Lawson Neff, M.D. Part II. Hancock V 3d. **Ariz Med** 1984 Dec;41(12):819-21

Cycles of reform in the care of the chronically mentally ill. Morrissey JP, et al. **Hosp Community Psychiatry** 1984 Aug;35(8):785-93

Mental health services in an English county borough before 1974. Freeman H. **Med Hist** 1984 Apr;28(2):111-28

Conscientious objection and clinical care: a history of Civilian Public Service Camp No. 61 at Duke University, 1942-1946. Swanson LE, et al. **NC Med J** 1985 Jul;46(7):419-23

LEGISLATION & JURISPRUDENCE

Implementation dilemmas in North Carolina's Willie M. program. Johnson PJ, et al. **Child Welfare** 1984 Sep-Oct;63(5):419-30

Observations on the Mental Health Act 1983. Hamilton JR. **Int J Law Psychiatry** 1983;6(3-4):371-80

Legalism revived: new mental health legislation in England. Shapland J, et al. **Int J Law Psychiatry** 1983;6(3-4):351-69

Reform of the Mental Health Act. Mullen PE. **NZ Med J** 1985 Apr 10;98(776):230-1

Interface between the Criminal Justice System and the Mental Health System in Canada. Kunjukrishnan R, et al. **Psychiatr J Univ Ottawa** 1985 Mar;10(1):24-33 (30 ref.)

MANPOWER

Ex-addict versus nonaddict counselors' knowledge of clients' drug use. Aiken LS, et al. **Int J Addict** 1985 Mar;20(3):417-33

Counseling services in the drug field. Frankel G, et al. **J Drug Educ** 1984;14(2):161-74

ORGANIZATION & ADMINISTRATION

The chronic child patient: ensuring continuity of care. Griffith JM, et al. **Am J Orthopsychiatry** 1985 Jul;55(3):434-8

Should physician training centers offer formal psychiatric assistance to house officers? A report on the major findings of a prototype program. Borenstein DB. **Am J Psychiatry** 1985 Sep;142(9):1053-7

After commissioner, what? Greenblatt M, et al. **Am J Psychiatry** 1985 Jun;142(6):752-4

Dental Profession Advisory Program alive and well in British Columbia. Christianson ML. **Can Dent Assoc J** 1984 Nov;50(11):824-7

Development of a rural behavioral emergency training program: the Vermont experience. Bassuk EL, et al. **Community Ment Health J** 1984 Winter;20(4):313-7

Gold Award: individualized treatment for substance abusers. Alcohol and Drug Abuse Unit, Southeast Louisiana Hospital, Mandeville, Louisiana. **Hosp Community Psychiatry** 1984 Nov;35(11):1141-4

State mental health directors' priorities for mental health care. Ahr PR, et al. **Hosp Community Psychiatry** 1985 Jan;36(1):39-45

A survey of the problems and needs of homeless consumers of acute psychiatric services. Ball FL, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):917-21

More than a gateway: the role of the emergency psychiatry service in the community mental health network. Ellison JM, et al. **Hosp Community Psychiatry** 1985 Feb;36(2):180-5

Development of an emergency psychiatric treatment unit. Kaskey GB, et al. **Hosp Community Psychiatry** 1984 Dec;35(12):1220-2

A reconsideration of power in psychiatric administration. Lipton AA, et al. **Hosp Community Psychiatry** 1985 May;36(5):497-503

National priorities: halfway there. Talbott JA. **Hosp Community Psychiatry** 1985 Jan;36(1):5

Elements of the Impaired Physicians Program. Talbott GD. **J Med Assoc Ga** 1984 Nov;73(11):749-51

An administrative index for mental health professionals. McCaughey BG, et al. **Milit Med** 1985 Mar;150(3):123-5

Mental health care in European military communities. Newhouse PA. **Milit Med** 1985 Jul;150(7):347-52

The Cuban immigration of 1980: a special mental health challenge. Silver LB, et al. **Public Health Rep** 1985 Jan-Feb;100(1):40-8

Consideration on present-day management of specialized medical assistance and the methodology of dispensary follow-up for psychic patients. Lăpuşan I, et al. **Sante Publique (Bucur)** 1984;27(4):291-300

[Psychiatric aspects in Papua New Guinea] Drusch J, et al. **Ann Med Psychol (Paris)** 1984 May;142(5):617-39 (Eng. Abstr.) **(Fre)**

[Various approaches to the problem of mass screening in psychiatry] Potapov AI, et al. **Zh Nevropatol Psikhiatr** 1984;84(9):1416-7 **(Rus)**

[Health promotion and integration of resources in mental health] Villalbí JR, et al. **Arch Neurobiol (Madr)** 1985 Jan-Feb;48(1):1-6 (Eng. Abstr.) **(Spa)**

STANDARDS

An anacampsis: Love is not enough. Professional roles in mental health care. Andrews G. **Aust Clin Rev** 1984 Mar;(11):40-4

Quality assurance in psychiatry. The position of the Canadian Psychiatric Association. Cahn C, et al. **Can J Psychiatry** 1985 Mar;30(2):148-58 **(Eng, Fre)**

The reliability of psychiatric diagnosis in the emergency room. Lieberman PB, et al. **Hosp Community Psychiatry** 1985 Mar;36(3):291-3

JCAH decisions to ease switch to new psych standards. Affeldt JE. **Hospitals** 1985 Aug 16;59(16):154

What price psychiatry without psychotherapy? Aveline M. **Lancet** 1984 Oct 13;2(8407):856-9

Mounting pressure for reform [news] Anderson A. **Nature** 1985 Aug 15-21;316(6029):571

Improving mental health practices in primary care: findings from recent research. Burns BJ, et al. **Public Health Rep** 1985 May-Jun;100(3):294-300 (48 ref.)

[Analysis of the activities of the Biella Mental Health Service during the 3-year period 1980-1982] Lomonaco E, et al. **Minerva Med** 1985 Feb 18;76(6):199-207 (Eng. Abstr.) **(Ita)**

SUPPLY & DISTRIBUTION

Mental health services providers' distribution across countries in the United States. Knesper DJ, et al. **Am Psychol** 1984 Dec;39(12):1424-34

More and more is less and less the myth of massive psychiatric need. Richman A, et al. **Br J Psychiatry** 1985 Feb;146:164-8

Psychiatric emergency service in a Malaysian general hospital. Woon TH, et al. **Singapore Med J** 1984 Jun;25(3):161-4

TRENDS

Family admission policy in a child psychiatric unit. Bornstein D, et al. **Aust NZ J Psychiatry** 1985 Mar;19(1):61-70

Mental health and social policy: initiatives for the 1980s. Mechanic D. **Health Aff (Millwood)** 1985 Spring;4(1):75-88

Recent developments in the care, treatment, and rehabilitation of the chronic mentally ill in Nigeria. Jegede RO, et al. **Hosp Community Psychiatry** 1985 Jun;36(6):658-61

The fate of the public psychiatric system. Talbott JA. **Hosp Community Psychiatry** 1985 Jan;36(1):46-50

An historical review of Georgia's Impaired Physicians Program. Martin CA. **J Med Assoc Ga** 1984 Nov;73(11):745-8

Physician impairment: past, present, future. Steindler EM. **J Med Assoc Ga** 1984 Nov;73(11):741-3

The State perspective. Lipton DS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984;51:151-66

[The Public Mental Health New Note] Giel R. **Ned Tijdschr Geneeskd** 1985 Jan 5;129(1):5-7 **(Dut)**

[Epidemiology and space of the therapeutic project] Chanoit PF. **Ann Med Psychol (Paris)** 1984 Nov;142(9):1145-59 (Eng. Abstr.) **(Fre)**

[Regionalization of child and adolescent psychiatric care in the canton of Zurich] Wille A. **Acta Paedopsychiatr (Basel)** 1984 Nov;50(5):265-8 **(Ger)**

[Mental health, family, territory. An unsolved problem] Ravizza L, et al. **Minerva Psichiatr** 1984 Oct-Dec;25(4):203-8 (Eng. Abstr.) **(Ita)**

[Facts and reform of 'hard' psychiatric emergency service] Nishiyama A. **Seishin Shinkeigaku Zasshi** 1984;86(2):89-119 **(Jpn)**

UTILIZATION

Health status and the use of outpatient mental health services. Ware JE Jr, et al. **Am Psychol** 1984 Oct;39(10):1090-100

Costs of practice, barriers to psychiatric service, and research expenditures. Failures of policy. Astrachan BM. **Arch Gen Psychiatry** 1985 Jun;42(6):625-6

The 'offset effect' of mental health treatment on ambulatory medical care utilization and charges. Month-by-month and grouped-month analyses of a five-year study. Borus JF, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):573-80

Specialty and general ambulatory mental health services. Comparison of utilization and expenditures. Horgan CM. **Arch Gen Psychiatry** 1985 Jun;42(6):565-72

Regional variations in British alcohol morbidity rates: a myth uncovered? I: Clinical surveys. Latcham RW, et al. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1341-3

Use of psychiatric services by the elderly in Canada. Richman

A. **Can J Psychiatry** 1985 Mar;30(2):89-97

The impact of the baby boom on the mental health system. Ghiselli WB, et al. **Hosp Community Psychiatry** 1985 May; 36(5):536-7

Mental health of the elderly: use of health and mental health services. German PS, et al. **J Am Geriatr Soc** 1985 Apr; 33(4):246-52

Child psychiatric nursing. The gap between need and utilization. Pothier PC, et al. **J Psychosoc Nurs Ment Health Serv** 1985 Jul;23(7):18-23

Trends in utilization of mental health services. Perspectives for health services research. Klerman GL. **Med Care** 1985 May;23(5):584-97

Measuring need for mental health services in a general population. Shapiro S, et al. **Med Care** 1985 Sep; 23(9):1033-43

New chronic patients in the emergency service. Voineskos G. **Psychiatr J Univ Ottawa** 1985 Jun;10(2):95-100

Comment on Belden, Braukmann, and Wolf. Cummings NA. **Psychol Rep** 1985 Jun;56(3):874

[The myth of gratuitousness and psychosocial reality] Malchair A, et al. **Acta Psychiatr Belg** 1984 Sep-Oct; 84(5):458-65 (Eng. Abstr.) **(Fre)**

[Drug dependence. Analysis of the activity of the District Mental Health Service, U.S.L. No. 3, Imperia] Spinetti G, et al. **Minerva Psichiatr** 1984 Apr-Jun;25(2):111-3 (Eng. Abstr.) **(Ita)**

[Differential profile of psychiatric emergencies in a general hospital and a psychiatric hospital] Ramos Brieva JA, et al. **Actas Luso Esp Neurol Psiquiatr** 1985 Jan-Feb; 13(1):57-64 (Eng. Abstr.) **(Spa)**

MENTAL HEALTH SERVICES, COMMUNITY see **COMMUNITY MENTAL HEALTH SERVICES**

MENTAL HOSPITALS see **HOSPITALS, PSYCHIATRIC**

MENTAL HYGIENE see **MENTAL HEALTH**

MENTAL HYGIENE SERVICES see **MENTAL HEALTH SERVICES**

MENTAL PROCESSES

Effects of anaesthesia on some aspects of mental functioning of surgical patients. Flatt JR, et al. **Anaesth Intensive Care** 1984 Nov;12(4):315-24

Diagnostic reasoning in critical care nursing. Putzier DJ, et al. **Heart Lung** 1985 Sep;14(5):430-7

Impact of an on-going supplementary feeding programme on the mental abilities of children. Puri R, et al. **Indian J Pediatr** 1984 Nov-Dec;51(413):653-7

The effects of presentation rate and encoding task on age-related memory deficits. Craik FI, et al. **J Gerontol** 1985 May;40(3):309-15

Verbatim and inferential memory in young and elderly adults. Till RE. **J Gerontol** 1985 May;40(3):316-23

Speed of processing in normal aging: effects of speech rate, linguistic structure, and processing time. Wingfield A, et al. **J Gerontol** 1985 Sep;40(5):579-85

Cerebral blood flow and mental function in dementia. Miyazaki T, et al. **Nippon Ika Daigaku Zasshi** 1985 Jun; 52(3):362-4

Separable effects of factors on speed and accuracy: memory scanning, lexical decision, and choice tasks. Schweickert R. **Psychol Bull** 1985 May;97(3):530-46

Neurophysiological aspects of information processing in schizophrenia. Steinhauer SR. **Psychopharmacol Bull** 1985; 21(3):513-7

[Brain performance and behavior in senile dementias of the Alzheimer type] Schubert H. **Wien Klin Wochenschr [Suppl]** 1984;150:1-48 (Eng. Abstr.) **(Ger)**

[Features of the psychic functions of patients with severe degrees of oligophrenia] Gordenchuk VG. **Zh Nevropatol Psikhiatr** 1985;85(3):382-8 (Eng. Abstr.) **(Rus)**

[Rescue of the soul] León CA. **Actas Luso Esp Neurol Psiquiatr** 1984 Jul-Aug;12(4):233-46 **(Spa)**

DRUG EFFECTS

Normal physical and mental development of 6-year-old children whose mothers were treated antenatally with prednisolone. Horváth I, et al. **Acta Paediatr Hung** 1984; 25(4):395-8

Effects of melatonin on human mood and performance. Lieberman HR, et al. **Brain Res** 1984 Dec 10;323(2):201-7

Acute effects of oxygen treatment upon information processing in hypoxemic COPD patients. Wilson DK, et al. **Chest** 1985 Aug;88(2):239-43

The effects of caffeine on physiological functions and mental performance. Bättig K, et al. **Experientia** 1984 Nov 15; 40(11):1218-23

Mental development and iron deficiency states. Choudhry VP, et al. **Indian J Pediatr** 1984 Jul-Aug;51(411):427-8

Ketamine: behavioral effects of subanesthetic doses. Ghoneim MM, et al. **J Clin Psychopharmacol** 1985 Apr;5(2):70-7

Aquarius redux--lysergic acid diethylamide. Mack RB. **NC Med J** 1985 Jun;46(6):343-4

Validation of human behavioral tests using ethanol as a CNS depressant model. Baker SJ, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):257-61

Early visual information processing in depressive patients treated with ORG 2766 (an ACTH 4-9 analogue). d'Elia G, et al. **Neuropsychobiology** 1985;13(1-2):63-8

Effects of the irreversible acetylcholinesterase inhibitor soman on match-to-sample behavior of the juvenile baboon. Geller I, et al. **Proc West Pharmacol Soc** 1984; 27:217-21

Effect of neuroleptic treatments on attention, information processing, and thought disorder. Spohn HE, et al. **Psychopharmacol Bull** 1985;21(3):582-7

Effects of oral scopolamine on human stimulus evaluation. Callaway E, et al. **Psychopharmacology (Berlin)** 1985; 85(2):133-8

The effects of bromvincamine and vincamine on regional cerebral blood flow and mental functions in patients with multi-infarct dementia. Hagstadius S, et al. **Psychopharmacology (Berlin)** 1984;83(4):321-6

The effect of methylphenidate on information processing. Naylor H, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):90-5

PHYSIOLOGY

European CIANS conference. Olomouc, Czechoslovakia, July 4-8, 1983. Abstracts. **Act Nerv Super (Praha)** 1984 Sep;26(3):206-32

Reflex epilepsy evoked by specific psychic activity. A case report. Kalina P, et al. **Acta Neurol Belg** 1984 Aug-Oct; 84(4):204-8

Hyperconnection [letter] McLaren N. **Aust NZ J Psychiatry** 1984 Sep;18(3):291-2

Information processing and speech lateralization in learning-disabled children. Obrzut JE, et al. **Brain Lang** 1985 May;25(1):87-101

Intracranial potentials correlated with an event-related potential, P300, in the cat. O'Connor TA, et al. **Brain Res** 1985 Jul 22;339(1):27-38

Important associations among EEG-dynamics, event-related potentials, short-term memory and learning. Başar E, et al. **Int J Neurosci** 1985 May;26(3-4):161-80

Does frequency analysis lead to better understanding of human event related potentials. Stampfer HG, et al. **Int J Neurosci** 1985 May;26(3-4):181-96

Neurophysiology of intellectual and emotional processes in man. Bechtereva NP. **Int J Psychophysiol** 1983 Aug; 1(1):7-12

Dynamic neurophysiological correlates of mental processes. Bechtereva NP, et al. **Int J Psychophysiol** 1983 Aug; 1(1):49-63

Correlation and coherence analysis of the EEG: a selective tutorial review. Shaw JC. **Int J Psychophysiol** 1984 Mar; 1(3):255-66

Visual skills and intellectual development: a relationship in young children. Gottfried AW, et al. **J Am Optom Assoc** 1985 Jul;56(7):550-5

Humans, apes and monkeys: the changing neuropsychological viewpoint. Ettlinger G. **Neuropsychologia** 1984;22(6):685-96

Straw men and glass houses? A reply to Churchland on Reductionism [letter] Carr TH, et al. **Neuroscience** 1984 Dec;13(4):1397-404

Biological correlates of high mathematical reasoning ability. Benbow CP, et al. **Prog Brain Res** 1984;61:469-90 (88 ref.)

Cardiovascular responses of boys exhibiting the type A behavior pattern. Matthews KA, et al. **Psychosom Med** 1984 Nov-Dec;46(6):484-97

[Changes in the volume of acquired and processed information of students with regard to age] Pisev V. **Probl Khig** 1984;9:140-5 (Eng. Abstr.) **(Bul)**

[Does the biological availability of acetylcholine assure intellectual functioning? Risks of anticholinergics] Vinař O. **Cas Lek Cesk** 1984 Oct 12;123(40-41):1246-7 **(Cze)**

[How do the eyes explore written lines?] Kapoula Z. **Annee Psychol** 1984;84(2):207-26 (Eng. Abstr.) **(Fre)**

[The thought-brain relationship. New facts. New hypotheses] Laplane D. **Encephale** 1985 Jan-Feb;11(1):7-12 (Eng. Abstr.) **(Fre)**

[Contingent negative variation and endogenous components of the evoked potential] Timsit-Berthier M. **Rev Electroencephalogr Neurophysiol Clin** 1984 Nov; 14(2):77-96 (Eng. Abstr.) **(Fre)**

[Neuropsychological findings concerning the role of sex] **Rev Med Suisse Romande** 1984 Jul;104(7):515-22 **(Fre)**

[Limits of mental stress as an instrument for evaluative screening in recent myocardial infarction] Lopriore V, et al. **G Ital Cardiol** 1985 Mar;15(3):266-72 (Eng. Abstr.) **(Ita)**

[Suppressive effects of psychological tasks on subclinical epileptic discharges] Kakegawa N. **Seishin Shinkeigaku Zasshi** 1984;86(11):865-78 (Eng. Abstr.) **(Jpn)**

[Neurophysiological correlates of ideomotor tension in the athlete] Kogan AB, et al. **Dokl Akad Nauk SSSR** 1984; 278(5):1263-4 **(Rus)**

[Characteristics of information processing by the right and left hemispheres of the brain] Dodonova NA, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):959-64 **(Rus)**

[Dynamics of erroneous voluntary reactions and interhemispheric EEG correlations] Fedotchev AI. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):260-4 **(Rus)**

[Electrosleep as a method of preventing neuropsychic overstrain and of restoring operator mental work capacity] Goncharenko AM, et al. **Fiziol Cheloveka** 1984 Jan-Feb; 10(1):47-51 **(Rus)**

[Dynamics of visual evoked potentials in a situation of mobilized readiness in children of different ages] Gorev AS. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):538-47 **(Rus)**

[Specificity of heart rhythm reactions to types of mental loading] Romanov VV, et al. **Fiziol Cheloveka** 1984 Jul-Aug;10(4):563-8 **(Rus)**

[Variability of cardiac rhythm under information loading] Stankus AI, et al. **Fiziol Cheloveka** 1984 Sep-Oct; 10(5):852-8 **(Rus)**

[Electroencephalographic indices in students during examinations] Volkind NIa. **Gig Sanit** 1984 Jul;(7):81-3 **(Rus)**

[Anticipatory reflection of a changing environment in the activity of central neurons] Shvyrkova NA, et al. **Vestn Akad Med Nauk SSSR** 1985;(2):16-24 (Eng. Abstr.) **(Rus)**

[Effect of various factors on the rate of mental activity during training (the problem of aging)] Roether D. **Zh Nevropatol Psikhiatr** 1984;84(11):1708-11 (Eng. Abstr.) **(Rus)**

[Features of the associative function of the brains of children with high and low lability of nervous system processes] Kol'tosova MM, et al. **Zh Vyssh Nerv Deiat** 1984 Jul-Aug; 34(4):635-41 (Eng. Abstr.) **(Rus)**

MENTAL RETARDATION

see related

CHROMOSOME ABNORMALITIES
CRETINISM
EDUCATION OF MENTALLY RETARDED
METABOLISM, INBORN ERRORS

Mental retardation. Twenty years later. Hutchins VL. **Ala J Med Sci** 1985 Jan;22(1):94-102

Note on the recruitment of subjects for mental retardation research. Siegel PS, et al. **Am J Ment Defic** 1985 Jan; 89(4):431-3

Contraception and the mentally handicapped [editorial] Chakraborti D, et al. **Br Med J [Clin Res]** 1984 Oct 27; 289(6452):1095-6

Performance of mentally retarded adults on the Canadian Standardized Test of Fitness. Reid G, et al. **Can J Public Health** 1985 May-Jun;76(3):187-90

Community care: failure of professionals to meet family needs. Ayer S. **Child Care Health Dev** 1984 May-Jun; 10(3):127-40

Risk factors of dental caries in 9-10-year-old mentally retarded Finnish children. Palin-Palokas T, et al. **Community Dent Oral Epidemiol** 1984 Dec;12(6):376-80

Periodontal conditions in mentally retarded children. Vigild M. **Community Dent Oral Epidemiol** 1985 Jun;13(3):180-2

Prevalence of malocclusion in mentally retarded young adults. Vigild M. **Community Dent Oral Epidemiol** 1985 Jun;13(3):183-4

Therapeutic aspects of support groups for parents of the mentally retarded. Friedlander SR, et al. **Int J Group Psychother** 1985 Jan;35(1):65-78

Experimental research with families of mentally handicapped children and young adults. Smith J, et al. **Int J Rehabil Res** 1984;7(2):217-8

Nutrient intake of institutionalized developmentally disabled individuals: impact of the nutrition knowledge of paraprofessionals. Litchford MD, et al. **J Am Diet Assoc** 1985 Jun;85(6):690-2

Discharging the long-term mentally handicapped [letter] Ward RL. **Lancet** 1985 Jan 5;1(8419):52

Sterilization of the mentally retarded. Rousso A. **Med Law** 1984;3(4):353-62

Hospice and the new devaluation of human life. Gibson DE. **Ment Retard** 1984 Aug;22(4):157-69

A comparison of Medicaid waiver applications for populations that are mentally retarded and elderly/disabled. Lakin KC, et al. **Ment Retard** 1984 Aug; 22(4):182-92

Involuntary euthanasia and current attempts to define persons with mental retardation as less than human. Lusthaus EW. **Ment Retard** 1985 Jun;23(3):148-54

Dentistry for the mentally retarded and physically handicapped in Florida. Epstein DN, et al. **NY State Dent J** 1985 Jun-Jul;51(6):355-6

City-wide survey of drug patterns among non-institutionalised retarded persons [letter] Aman M. **NZ Med J** 1985 Jun 26;98(781):509

The handicapped and hospitals [letter] Taylor PM, et al. **NZ Med J** 1985 Mar 27;98(775):204-5

Dental health and dental care in severely mentally retarded children. Forsberg H, et al. **Swed Dent J** 1985;9(1):15-28

[The 'osteoporosis-pseudoglioma' syndrome] Lomíčková H, et al. **Cesk Oftalmol** 1984 Jun;40(2-3):89-95 (Eng. Abstr.) **(Cze)**

[Metabolic defects in children with fetal hydantoin syndrome] Liška J, et al. **Cesk Pediatr** 1985 May;40(5):280-3 (Eng. Abstr.) **(Cze)**

[The modern approach to the care of mentally handicapped children] Höllge J. **Cesk Zdrav** 1985 Apr;33(4):180-4 (Eng. Abstr.) **(Cze)**

[A case of aortoplasty for supravalvular aortic stenosis associated with Williams syndrome] Nakagomi E, et al. **Kyobu Geka** 1984 Dec;37(13):1057-61 (Eng. Abstr.) **(Jpn)**

[Condition of the teeth of mentally retarded adolescents deprived of planned stomatological care] Strużak-Wysokińska M, et al. **Wiad Lek** 1984 Apr 15; 37(8):619-24 (Eng. Abstr.) **(Pol)**

CLASSIFICATION

On the definition and classification of mental retardation. Zigler E, et al. **Am J Ment Defic** 1984 Nov;89(3):215-30

Application of the Classification of Disabilities to children from 12 to under 16 years of age. Seidel C, et al. **Int Rehabil Med** 1985;7(2):73-5

COMPLICATIONS

Photographic screening for strabismus among mentally retarded children. Philipsen A, et al. **Acta Ophthalmol (Copenh)** 1985 Jun;63(3):268-73

Nutritional deficiencies in institutionalized mentally retarded and physically disabled individuals. Cole HS, et al. **Am J Ment Defic** 1985 Mar;89(5):552-5

Schizophreniform disorder in a mentally retarded adolescent boy following sexual victimization [letter] Martorana GR. **Am J Psychiatry** 1985 Jun;142(6):784

Naloxone abolishes self-injuring in a mentally retarded child [letter] Sandyk R. **Ann Neurol** 1985 May;17(5):520

Biosocial theory of psychopathology: a three by three factor model. Matson JL. **Appl Res Ment Retard** 1985; 6(2):199-227

Treatment of self-injurious behavior. Contingent versus noncontingent positive practice overcorrection. Gibbs JW, et al. **Behav Modif** 1985 Jan;9(1):3-21

The dexamethasone suppression test in depressed retarded adults: preliminary findings. Beckwith BE, et al. **Biol Psychiatry** 1985 Aug;20(8):825-31

Tourette syndrome, atypical pervasive developmental disorder and Ganser syndrome in a 15-year-old, visually impaired, mentally retarded boy. Burd L, et al. **Can J Psychiatry** 1985 Feb;30(1):74-6

Cachexia in a mentally retarded adolescent secondary to mandibular dislocation. Sonnenberg EM, et al. **Dev Med Child Neurol** 1985 Jun;27(3):374-6

Parent involvement in a treatment program for obese retarded adults. Fox RA, et al. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):45-8

An outbreak of mouth ulcers in an institution for mentally retarded persons. Onorato IM, et al. **J Infect Dis** 1984 Dec; 150(6):957-9

How effective are physiotherapeutic programmes with young mentally retarded children who have cerebral palsy? Parette HP Jr, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):167-75

Neuroendocrine investigation of depression in mentally retarded patients. A pilot study. Ruedrich SL, et al. **J Nerv Ment Dis** 1985 Feb;173(2):85-9

Rumination syndrome in children treated by increased holding. Whitehead WE, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):550-6

Prevalence of mental illness among mentally handicapped people: discussion paper. Ineichen B. **J R Soc Med** 1984 Sep;77(9):761-5

Prevalence of mental illness among mentally handicapped people [letter] Reid AH. **J R Soc Med** 1984 Oct; 77(10):894-5

High resolution ultrasound of macro-orchidism in mental retardation. Hutton L, et al. **JCU** 1985 Jan;13(1):19-22

Dietary therapy in nutrition disorders. Crump IM. **Ment Retard** 1984 Dec;22(6):277-8

Hepatitis B screening and vaccination in a facility for the mentally retarded. Akhter MN, et al. **Mo Med** 1985 Jul; 82(7):345-8

Mental and growth retardation with congenital atrichia and papular lesions. Christodorescu D, et al. **Neurol Psychiatr (Bucur)** 1984 Jul-Sep;22(3):163-5

Deafness in psychopaedic patients [letter] Greville A, et al. **NZ Med J** 1985 May 8;98(778):349

Gastroesophageal reflux and severe mental retardation. Schärli AF. **Prog Pediatr Surg** 1985;18:84-90

Diagnosis and pharmacotherapy of schizophrenia in the retarded. Menolascino FJ, et al. **Psychopharmacol Bull** 1985;21(2):316-22

Low prevalence of hepatitis B infections among residents of an institution for the mentally retarded in New Mexico. Mann JM, et al. **West J Med** 1984 Sep;141(3):339-41

[Autosomal recessive pseudohypertonic muscular dystrophy with mental retardation. Report on 2 siblings] Lesný I, et al. **Cesk Neurol Neurochir** 1984 Aug;47(4):251-4 (Eng. Abstr.) **(Cze)**

[Sultopride therapy of behavior disorders in a child with severe mental retardation] Samouelian J. **Ann Pediatr (Paris)** 1985 Mar 25;32(3 Pt 2):321-2 (Eng. Abstr.) **(Fre)**

[Neglected diseases in pedodontics] Bollobás E. **Fogorv Sz** 1985 Jul;78(7):211-5 (Eng. Abstr.) **(Hun)**

[Velo-cardio-facial syndrome (Shprintzen syndrome)] Domenici R, et al. **Pediatr Med Chir** 1984 Sep-Oct; 6(5):695-7 (Eng. Abstr.) **(Ita)**

[Studies on an outbreak of hepatitis A in an institution for the mentally retarded children] Shimizu H, et al. **Hokkaido Igaku Zasshi** 1984 May;59(3):247-53 (Eng. Abstr.) **(Jpn)**

[Operation and postoperative observation of a case of Noonan syndrome with VSD, PS and low intelligence] Horiguchi Y, et al. **Kyobu Geka** 1985 Jan;38(1):41-5 (Eng. Abstr.) **(Jpn)**

[Anesthesia for a patient with 4P-syndrome] Fujigaki T, et al. **Masui** 1985 Apr;34(4):512-4 (Eng. Abstr.) **(Jpn)**

[A case of motor sensory neuropathy associated with mental retardation, conductive deafness and cerebellar signs] Tojo M, et al. **No To Hattatsu** 1985 May;17(3):271-3 **(Jpn)**

[Beuren-Williams syndrome and mitral prolapse] Luna G, et al. **Rev Clin Esp** 1985 Feb;176(3):149-51 **(Spa)**

DIAGNOSIS

Psychiatric illness among the mentally retarded. A swedish population study. Göstason R. **Acta Psychiatr Scand [Suppl]** 1985;318:1-117 (201 ref.)

Phonological process analysis of the speech of mentally retarded adults. Moran MJ, et al. **Am J Ment Defic** 1984 Nov;89(3):304-6

Assessment of mentally retarded children with the Kaufman Assessment Battery for Children. Naglieri JA. **Am J Ment Defic** 1985 Jan;89(4):367-71

Appearance and mental retardation: some first steps in the development and application of a measure. Richardson SA, et al. **Am J Ment Defic** 1985 Mar;89(5):475-84

Comparison of WAIS and WAIS-R scores of mildly and moderately mentally retarded adults. Simon CL, et al. **Am J Ment Defic** 1984 Nov;89(3):301-3

Developmental delays in Williams ('Elfin facies') syndrome. Kataria S, et al. **Appl Res Ment Retard** 1984;5(4):419-23

Bardet-Biedl syndrome. Keith CG. **Aust J Ophthalmol** 1984 May;12(2):143-8

Rett syndrome--clinical studies and pathophysiological consideration. Nomura Y, et al. **Brain Dev** 1984;6(5):475-86

Behavioural assessment of disturbed, institutionalized retardates. Coons WH, et al. **Can J Psychiatry** 1984 Apr; 29(3):263-8 (34 ref.)

A comparative study of profoundly multiply handicapped children's scores on the Bayley and the Griffiths developmental scales. Beail N. **Child Care Health Dev** 1985 Jan-Feb;11(1):31-6

Early clinical signs in Coffin-Lowry syndrome. Vles JS, et al. **Clin Genet** 1984 Nov;26(5):448-52

The diagnostic value of the neurodevelopmental examination. Farber JM, et al. **Clin Pediatr (Phila)** 1985 Jul;24(7):367-72

Syndrome with oculo dento auriculo cerebral malformation. Bhattacherjee H. **Indian J Ophthalmol** 1984 May-Jun; 32(3):185-6

De Sanctis and Cacchione's syndrome. Sarveswari KN, et al. **Indian Pediatr** 1984 Jun;21(6):497-500

Identifying and meeting the needs of profoundly mentally handicapped children, 1980-83. Browning MM. **Int J Rehabil Res** 1984;7(2):205-7

Supravalvular aortic stenosis. Mashru MR, et al. **J Assoc Physicians India** 1984 Sep;32(9):829-31

Comparative validity of two WAIS-R short forms with clients of low IQ. Haynes JP. **J Clin Psychol** 1985 Mar; 41(2):282-4

Predicting WAIS-R scores from the Revised Beta for low functioning minority group offenders. Hiltonsmith RW, et al. **J Clin Psychol** 1984 Jul;40(4):1063-6

Electrical blink reflex habituation in mentally retarded adults. Gandhavadi B, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):49-54

Occurrence of developmental morphological defects in permanent teeth of mentally retarded children. Palin-Palokas T, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):245-51

Clinical confusion of the Noonan syndrome with the Börjeson-Forssman-Lehmann syndrome. Preus M. **J Ment Defic Res** 1984 Sep;28 (Pt 3):235-8

Finnish type of sialic acid storage disease with sialuria (Salla disease): the occurrence and diagnostic significance of cytoplasmic vacuoles in blood lymphocytes. Similä S, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):179-86

Psychomotor development in the first year and mental retardation--a prospective study. von Wendt L, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):219-25

Communicative assessment of nonverbal youths with severe/profound mental retardation. Cirrin FM, et al. **Ment Retard** 1985 Apr;23(2):52-62

Variability of outcome in Joubert syndrome. Casaer P, et al. **Neuropediatrics** 1985 Feb;16(1):43-5

Comparison of clinical and encephalographic parameters in children with various types of intellectual subnormality. Novinskaya NL, et al. **Neurosci Behav Physiol** 1984 Nov-Dec;14(6):481-4

Extrapolated Stanford-Binet IQs for severely and profoundly retarded adults. Durham TW. **Psychol Rep** 1985 Feb; 56(1):189-90

Test-retest Wechsler Intelligence Scale for Children-Revised scores for 310 educable mentally retarded and specific learning disabled students. Whorton JE. **Psychol Rep** 1985 Jun;56(3):857-8

[Brain function disorders in 8-year-old children--from a field and consultation population] Schmidt MH. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Jan;37(1):30-8 (Eng. Abstr.) **(Ger)**

[Health protection of the mentally disabled. Medical services--a study at the Naerlandheimen central institution] Stene-Larsen G. **Tidsskr Nor Laegeforen** 1985 Jan 10; 105(1):47-9 (Eng. Abstr.) **(Nor)**

[Clinical evaluation of the mental development of children during the 1st year] Zhurba LT, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1450-3 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Medication and programming in controlling the behavior of mentally retarded individuals in community settings. Schalock RL, et al. **Am J Ment Defic** 1985 Mar;89(5):503-9

City-wide survey of drug patterns among non-institutionalized mentally retarded persons. Aman MG, et al. **Appl Res Ment Retard** 1985;6(2):159-71

Psychotropic and anticonvulsant drug use by mentally retarded adults across community residential and vocational placements. Martin JE, et al. **Appl Res Ment Retard** 1985;6(1):33-49

Diagnosis and drug use in mentally retarded, emotionally disturbed adults. Matson JL, et al. **Appl Res Ment Retard** 1984;5(4):513-9

Medication regimen: a subject characteristic rarely reported in behavior modification studies. Poling A, et al. **Appl Res Ment Retard** 1985;6(1):71-7

Legal liability for tardive dyskinesia. Wettstein RM, et al. **Hosp Community Psychiatry** 1984 Oct;35(10):992-4

Clinical behavioral pharmacology: methods for evaluating medications and contingency management. Burgio LD, et al. **J Appl Behav Anal** 1985 Spring;18(1):45-59

Dyskinetic symptoms in profoundly retarded residents following neuroleptic withdrawal and during methylphenidate treatment. Aman MG, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):187-95

Chlorpromazine effects on stereotypic and conditioned behaviour of severely retarded patients--a pilot study. Aman MG, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):253-60

Factors associated with a good response to lithium in aggressive mentally handicapped subjects. Tyrer SP, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):751-5

Establishing socially validated drug research in community settings. Agran M, et al. **Psychopharmacol Bull** 1985; 21(2):285-90 (32 ref.)

Prevalence and efficacy of stimulant drug use with mentally retarded children and youth. Gadow KD. **Psychopharmacol Bull** 1985;21(2):291-303 (64 ref.)

Psychopharmacology in the mentally retarded and a few related issues. Gualtieri CT, et al. **Psychopharmacol Bull** 1985;21(2):304-9 (28 ref.)

A national study of prescribed drugs in institutions and community residential facilities for mentally retarded people. Hill BK, et al. **Psychopharmacol Bull** 1985; 21(2):279-84

Psychoactive drug use in public and community residential facilities for mentally retarded persons. Intagliata J, et al. **Psychopharmacol Bull** 1985;21(2):268-78

Issues in psychopharmacology with the mentally retarded. Mouchka S. **Psychopharmacol Bull** 1985;21(2):262-7

Pharmacotherapy and mental retardation/developmental disability: a bibliography. (Special emphasis on non-institutionalized populations). Reatig N. **Psychopharmacol Bull** 1985;21(2):329-33

Issues and future research directions of pharmacotherapy in mental retardation. Schroeder SR. **Psychopharmacol Bull** 1985;21(2):323-6

Behavioral interactions induced by chronic neuroleptic therapy in persons with mental retardation. Schroeder SR, et al. **Psychopharmacol Bull** 1985;21(2):310-5

[Preliminary evaluation of the treatment with folic acid in 2 patients with sex-linked mental retardation and macroorchidism] Lacassie Y, et al. **Rev Med Chil** 1984 May; 112(5):469-73 (Eng. Abstr.) **(Spa)**

ENZYMOLOGY

Generalized deficiency of the NADH-methemoglobin reductase in congenital methemoglobinemia with neurological symptoms. Jabłońska-Skwiecińska E, et al. **Biomed Biochim Acta** 1984;43(6):S98-100

Biochemical investigations on a patient with a defect in cytosolic acetoacetyl-CoA thiolase, associated with mental retardation. Bennett MJ, et al. **J Inherited Metab Dis** 1984; 7(3):125-8

ETIOLOGY

Research in mental retardation in the German Democratic Republic (GDR). Kurth E. **Appl Res Ment Retard** 1984; 5(3):361-73 (39 ref.)

Barbadian children's understanding of mental retardation. Payne MA. **Appl Res Ment Retard** 1985;6(2):185-98 (30 ref.)

Congenital rubella syndrome in Western Australia. Stanley FJ, et al. **Aust Paediatr J** 1985 May;21(2):111-4

Aetiology of mental retardation in Nigerian children around Enugu. Izuora GI. **Cent Afr J Med** 1985 Jan;31(1):13-6

Screening for phenylketonuria in chronic psychiatric inpatients. Szymanski HV, et al. **Hosp Community Psychiatry** 1984 Sep;35(9):936-8

Bilateral cerebral arachnoid cysts with mental retardation. Abhyankar SC, et al. **Indian J Pediatr** 1985 Jan-Feb; 52(414):103-5

Screening for aminoacid disorders in mental retardation. Jyothy A, et al. **Indian Pediatr** 1984 May;21(5):381-8

Maternal diet and mental retardation in southern Georgia, USA. Caster WO, et al. **Int J Vitam Nutr Res** 1984;

54(4):371-5

Factors associated with mental retardation in children aged 21/2-7 years. Komoltri C, et al. **J Med Assoc Thai** 1984 Dec;67(12):677-83

Do pregnancy complications contribute to neurodevelopmental disability? Taylor DJ, et al. **Lancet** 1985 Mar 30;1(8431):713-6

Disruption of neurofilaments by bacterial toxins and viral antibodies: a possible factor in the genesis of seizure disorders and mental subnormality? Elomaa E, et al. **Med Hypotheses** 1984 Dec;15(4):395-7 (16 ref.)

National Institute of Child Health and Human Development: research program on mental retardation [editorial] Tjossem TD. **Ment Retard** 1985 Jun;23(3):101-4

Mental retardation due to congenital hypothyroidism and its prevention. Sutan Assin M. **Paediatr Indones** 1984 Mar-Apr;24(3-4):57-63

National Institutes of Health report on causes of mental retardation and cerebral palsy. Task Force on Joint Assessment of Prenatal and Perinatal Factors Associated with Brain Disorders. **Pediatrics** 1985 Sep;76(3):457-8

Development from birth to 3 years of age of 15 children at high risk for central nervous system dysfunction. Interim report. Campbell SK, et al. **Phys Ther** 1985 Apr;65(4):463-9

The role of malnutrition in common forms of physical and mental congenital defects among Nigerian Africans. Adeyokunnu AA. **Prog Clin Biol Res** 1985;163B:409-18

[Screening for congenital metabolic diseases in mentally retarded patients in 6 psychiatric institutions of Lower Saxony] Byrd DJ, et al. **Klin Padiatr** 1984 Sep-Oct; 196(5):298-303 (Eng. Abstr.) **(Ger)**

[Epidemiological study on the etiology of mental retardation] Mimaki T, et al. **No To Hattatsu** 1984 Jul;16(4):271-8 (Eng. Abstr.) **(Jpn)**

FAMILIAL & GENETIC

An additional case of 9p syndrome. Latos-Bielenska A, et al. **Acta Anthropogenet** 1983;7(4):391-5

The Marinesco-Sjögren syndrome: polygraphic study of nocturnal sleep. Bramanti P, et al. **Acta Neurol (Napoli)** 1985 Feb;7(1):8-13

Cytogenetic findings in moderate and severe mental retardation. A study of an institutionalized population of 1991 patients. Fryns JP, et al. **Acta Paediatr Scand [Suppl]** 1984;313:1-23

The Martin-Bell syndrome: the physician's dilemma [letter] Berger CA, et al. **Am J Dis Child** 1985 Feb;139(2):116

Dup(4p)del(9p) in a familial mental retardation syndrome. Resemblance to de Lange syndrome detected by high-resolution banding. Hersh JH, et al. **Am J Dis Child** 1985 Jan;139(1):81-4

Börjeson-Forssman-Lehmann syndrome: further delineation in five cases. Ardinger HH, et al. **Am J Med Genet** 1984 Dec;19(4):653-64

A new X-linked mental retardation syndrome. Atkin JF, et al. **Am J Med Genet** 1985 Aug;21(4):697-705

FG syndrome in a premature male. Bianchi DW. **Am J Med Genet** 1984 Oct;19(2):383-6

Multicore disease in sibs with severe mental retardation, short stature, facial anomalies, hypoplasia of the pituitary fossa, and hypogonadotrophic hypogonadism. Chudley AE, et al. **Am J Med Genet** 1985 Jan;20(1):145-58

Multiple congenital anomalies, mental retardation and hypogonadotropic hypogonadism in a boy with small marker chromosomes. Copeland KC, et al. **Am J Med Genet** 1985 Apr;20(4):607-12

X-linked motor-sensory neuropathy type-II with deafness and mental retardation: a new disorder. Cowchock FS, et al. **Am J Med Genet** 1985 Feb;20(2):307-15

Diagnostic definition of the FG syndrome [letter] Dallapiccola B, et al. **Am J Med Genet** 1984 Oct; 19(2):379-81

Dermatoglyphics in Börjeson-Forssman-Lehmann syndrome. Flannery DB, et al. **Am J Med Genet** 1985 Jun; 21(2):401-4

Additional case report of the DOOR syndrome [letter] Hess RO, et al. **Am J Med Genet** 1984 Oct;19(2):401-5

Brief clinical report: interstitial deletion of the long arm of chromosome 10: del(10)(q11.2q21). Holden JJ, et al. **Am J Med Genet** 1985 Feb;20(2):245-8

The Golabi-Rosen syndrome [letter] Kajii T, et al. **Am J Med Genet** 1984 Dec;19(4):819

An X-linked recessive basal ganglia disorder with mental retardation. Laxova R, et al. **Am J Med Genet** 1985 Aug; 21(4):681-9

Homozygous NADH-methemoglobin reductase and aspartylglucosaminidase deficiencies in a moderately retarded Sicilian child. Musumeci S, et al. **Am J Med Genet** 1984 Dec;19(4):643-50

Sensorineural deafness in the FG syndrome: report on four new cases. Neri G, et al. **Am J Med Genet** 1984 Oct; 19(2):369-77

Bibliography on X-linked mental retardation and related subjects II (1985). Opitz JM, et al. **Am J Med Genet** 1985 Aug;21(4):719-29

A premutation that generates a defect at crossing over explains the inheritance of fragile X mental retardation. Pembrey ME, et al. **Am J Med Genet** 1985 Aug; 21(4):709-17

Mental retardation, unusual face, and intrauterine growth retardation: a new recessive syndrome? Pitt DB, et al. **Am J Med Genet** 1984 Oct;19(2):307-13

De novo 21q interstitial deletion in a retarded boy with ulno-fibular dysostosis. Reynolds JF, et al. **Am J Med Genet** 1985 Jan;20(1):173-80

A previously undescribed autosomal recessive multiple congenital anomalies/mental retardation (MCA/MR) syndrome with fronto-nasal dysostosis, cleft lip/palate, limb hypoplasia, and postaxial poly-syndactyly: acro-fronto-facio-nasal dysostosis syndrome. Richieri-Costa A, et al. **Am J Med Genet** 1985 Apr; 20(4):631-8

Direct intrachromosomal duplication of 16q and heritable fragile site fra (10) (q25) in the same patient. Romain DR, et al. **Am J Med Genet** 1984 Nov;19(3):507-13

Multiple congenital anomalies/mental retardation (MCA/MR) syndrome due to interstitial deletion 1q. Steinbach P, et al. **Am J Med Genet** 1984 Sep;19(1):131-6

Brief cytogenetic report on maternal translocation t(7;9) (p22:p13): two sibs with duplication 9p and one sib with the balanced translocation. Wajntal A, et al. **Am J Med Genet** 1985 Feb;20(2):265-9

The phenotypic and cytogenetic spectrum of partial trisomy 9. Wilson GN, et al. **Am J Med Genet** 1985 Feb; 20(2):277-82

An important clinical approach in detecting the fragile X syndrome [editorial] Milunsky A. **Am J Public Health** 1985 Jul;75(7):715-6

A case of nondisjunction of chromosome 21 (47,X,Yqs,+21) in an Indian family with Yqs. Reddy KS, et al. **Ann Genet (Paris)** 1984;27(3):194-6

17/7 translocation trisomy: practical vindication of a model of sickness. Higgs JF, et al. **Arch Dis Child** 1985 Aug; 60(8):748-51

Coffin-Siris syndrome. Neuropathologic findings. DeBassio WA, et al. **Arch Neurol** 1985 Apr;42(4):350-3

Familial mental retardation. Nichols PL. **Behav Genet** 1984 May;14(3):161-70

Pathological left-handedness and familial sinistrality in relation to degree of mental retardation. Bradshaw-McAnulty G, et al. **Brain Cogn** 1984 Oct; 3(4):349-56

Unbalanced karyotype with normal phenotype in a family with translocation (8;13)(p21;q22). Bröcker-Vriends AH, et al. **Clin Genet** 1985 May;27(5):487-95

Non-progressive psychomotor retardation in a child with severe deficiency of arylsulphatase A activity. Danesino C, et al. **Clin Genet** 1984 Nov;26(5):462-71

Norrie's disease: close linkage with genetic markers from the proximal short arm of the X chromosome. Gal A, et al. **Clin Genet** 1985 Mar;27(3):282-3

The Coffin-Siris syndrome: report of a family and further delineation. Haspeslagh M, et al. **Clin Genet** 1984 Oct; 26(4):374-8

Recurrent de novo interstitial deletion of 16q in two mentally retarded sisters. Hoo JJ, et al. **Clin Genet** 1985 Apr; 27(4):420-5

Diploid-tetraploid mosaicism in a malformed boy. Quiroz E, et al. **Clin Genet** 1985 Feb;27(2):183-6

The FG syndrome: 7 new cases. Thompson EM, et al. **Clin Genet** 1985 Jun;27(6):582-94

Del 11p/aniridia complex. Report of three patients and review of 37 observations from the literature. Turleau C, et al. **Clin Genet** 1984 Oct;26(4):356-62

Handedness in the mentally handicapped. Batheja M, et al. **Dev Med Child Neurol** 1985 Feb;27(1):63-8

Rud syndrome revisited: ichthyosis, mental retardation, epilepsy and hypogonadism. Marxmiller J, et al. **Dev Med Child Neurol** 1985 Jun;27(3):335-43

Ruvalcaba syndrome: a case report. Bianchi E, et al. **Eur J Pediatr** 1984 Sep;142(4):301-3

The Coffin-Lowry syndrome. A study of two new index patients and their families. Haspeslagh M, et al. **Eur J Pediatr** 1984 Dec;143(2):82-6

A duplication within the critical fertility region of X chromosome in a mentally retarded woman with normal menarche. Knuutila S, et al. **Hereditas** 1984;101(2):253-5

Linkage studies of X-linked mental retardation: high frequency of recombination in the telomeric region of the human X chromosome (fragile site/linkage/recombination/X chromosome). Davies KE, et al. **Hum Genet** 1985;70(3):249-55

A cytogenetic study of a population of retarded females with special reference to the fragile (X) syndrome. Mayer M, et al. **Hum Genet** 1985;69(3):206-8

Distal duplication 14q: report of three cases and further delineation of the syndrome. Sklower SL, et al. **Hum Genet** 1984;68(2):159-64

Familial heterogeneity in infantile autism. Baird TD, et al. **J Autism Dev Disord** 1985 Sep;15(3):315-21

A child with a recombinant of chromosome 8 inherited from her carrier mother. Barnes IC, et al. **J Med Genet** 1985 Feb;22(1):67-70

Interstitial deletion of the long arm of chromosome 11. Klep-de Pater JM, et al. **J Med Genet** 1985 Jun;22(3):224-6

Trigonocephaly and the Opitz C syndrome. Sargent C, et al. **J Med Genet** 1985 Feb;22(1):39-45

Early development of an infant with 18q- syndrome. Corney MJ, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):303-7

The Marden-Walker syndrome: a case report and review of the literature. Jancar J, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):63-70

A multidisciplinary diagnostic/genetic study on the 105 patients with mental retardation of the E.S. Le Grange School. Op't Hof J, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):37-47

A case of ring chromosome 3, 46,XX,-3,+r(3)(p26q29). Kitatani M, et al. **Jinrui Idengaku Zasshi** 1984 Jun; 29(2):157-62

Borjeson-Forssman-Lehmann syndrome in a girl. Matsuo K, et al. **Jinrui Idengaku Zasshi** 1984 Jun;29(2):121-6

Marinesco-Sjögren syndrome: evidence for a lysosomal storage disorder. Walker PD, et al. **Neurology** 1985 Mar; 35(3):415-9

An inborn error of purine metabolism, deafness and neurodevelopmental abnormality. Simmonds HA, et al. **Neuropediatrics** 1985 May;16(2):106-8

The prenatal diagnosis of Joubert's syndrome of familial agenesis of the cerebellar vermis. Campbell S, et al. **Prenat Diagn** 1984 Sep-Oct;4(5):391-5

Double balanced de novo translocations involving chromosomes 4/15 and 5/12 in a mentally retarded boy. Li SY, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):54-9

A cytogenetic survey of mentally retarded children in Taiwan: final report on the incidence of chromosome abnormalities. Wuu KD, et al. **Proc Natl Sci Counc Repub China [B]** 1984 Jan;8(1):83-8

Frequency and association of NOR's in a family carrying a pericentric inversion of chromosome 14. Leal-Garza C, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):283-6

[Dyggve-Melchior-Clausen syndrome] Beemer FA, et al. **Tijdschr Kindergeneeskd** 1984 Jun;52(3):103-7 (Eng. Abstr.) **(Dut)**

[Monozygotic twins with Williams-Beuren or 'elfen-face' syndrome] Oorthuys JW. **Tijdschr Kindergeneeskd** 1984 Oct;52(5):197-200 (Eng. Abstr.) **(Dut)**

[Congenital hydrocephalus, oligophrenia, dwarfism, centripetal obesity and hypogonadism; an X-linked recessive hereditary illness?] Sengers RC, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):31-4 (Eng. Abstr.) **(Dut)**

[Familial nephrogenic diabetes insipidus and mental retardation] Linnanvuo-Laitinen M, et al. **Duodecim** 1985; 101(8):778-82 (Eng. Abstr.) **(Fin)**

[Mental retardation and fragile X chromosome. Clinical and cytogenetic study of 3 families] Gilgenkrantz S, et al. **J Genet Hum** 1984 Jul;32(3):199-207 (Eng. Abstr.) **(Fre)**

[Mental retardation linked to fragility of chromosome X: current knowledge] Mattei JF, et al. **J Genet Hum** 1984 Jul;32(3):167-92 (213 ref.) (Eng. Abstr.) **(Fre)**

[Mental handicaps from the genetic viewpoint] Grote W. **Off Gesundheitswes** 1984 Nov;46(11):562-3 **(Ger)**

[Mental retardation and fragile site Xq27-28: 2 affected brothers and their mother within the framework of chromosome instability] Tarantino E, et al. **Pathologica** 1983;75 Suppl:331-4 **(Ita)**

[Medico-genetic consultation of families of oligophrenic patients (according to empirical risk findings)] Danielov MB, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):394-8 (Eng. Abstr.) **(Rus)**

[Clinical features of sex-linked recessive mental retardation with fragile X-chromosome] Marincheva GS, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1560-5 (Eng. Abstr.) **(Rus)**

[Familial craniometaphyseal dysplasia associated with mental retardation] Portnov VA, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):404-9 (Eng. Abstr.) **(Rus)**

[Familial translocation t(3;22) detected in a carrier child with mental retardation and other abnormalities] Gregori Romero M, et al. **An Esp Pediatr** 1984 Oct 31;21(6):593-6 (Eng. Abstr.) **(Spa)**

[Sex-related neurologic diseases. Familial X-linked mental retardation with a fragile X marker. Study of 8 families] Rodriguez Costa T, et al. **An Esp Pediatr** 1984 Oct;21 Suppl 20:54-7 **(Spa)**

[Sotos syndrome in discordant, dizygotic twins] Zafra de la Rosa G, et al. **Bol Med Hosp Infant Mex** 1984 Oct; 41(10):551-5 (Eng. Abstr.) **(Spa)**

HISTORY

Historical perspective on mental retardation. Woolfson RC. **Am J Ment Defic** 1984 Nov;89(3):231-5

IMMUNOLOGY

Hepatocellular carcinoma in young, mentally retarded HBsAg carriers without cirrhosis. Lohiya G, et al. **Hepatology** 1985 Sep-Oct;5(5):824-6

Age-related response to hepatitis B vaccine in the mentally retarded [letter] Torre D, et al. **Lancet** 1984 Oct 13; 2(8407):866

METABOLISM

Xylose absorption in Down's syndrome. Williams CA, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):173-7

Mechanisms of insulin resistance in cultured fibroblasts from a patient with leprechaunism: resistance to proteolytic activation of glycogen synthase by trypsin. Craig JW, et al. **Mol Cell Biochem** 1985 Mar;66(2):117-25

MORTALITY

Survival analysis of the severely and profoundly mentally retarded. Kaveggia FF. **Am J Med Genet** 1985 Jun; 21(2):213-23

Sudden deaths in the mentally handicapped. Carter G, et al. **Psychol Med** 1984 Aug;14(3):691-5

[Life expectancy of mentally handicapped persons] Beckers J. **Arch Belg** 1984;42(5-6):294-310 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Rett's syndrome: prevalence and impact on progressive severe mental retardation in girls. Hagberg B. **Acta Paediatr Scand** 1985 May;74(3):405-8

Mental retardation in over half-a-million consecutive livebirths: an epidemiological study. Baird PA, et al. **Am J Ment Defic** 1985 Jan;89(4):323-30

The prevalence of mental retardation (MR) in Kurume City. Shiotsuki Y, et al. **Brain Dev** 1984;6(5):487-90

A study of institutionalized mentally retarded patients in Manitoba: over-representation by Canadian Indian children. Evans JA, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):153-64

[Epidemiologic aspects of mental deficiency in children. Experience of the Children's Hospital of Rabat] el Harim el Mdouar L, et al. **Maroc Med** 1984 Dec;6(4):329-37 (Eng. Abstr.) **(Fre)**

[Changes in the age structure of mentally handicapped patients in Sweden between 1973 and 1982] Wallner T. **Rehabilitation (Stuttg)** 1984 Aug;23(3):106-9 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Anthropometric asymmetry in normal and mentally retarded males. Malina RM, et al. **Ann Hum Biol** 1984 Nov-Dec; 11(6):515-31

47,XXX/48,XXXX in a retarded three year old girl with multiple somatic anomalies. Ioan D, et al. **Endocrinologie** 1985 Apr-Jun;23(2):121-4

[Alpers syndrome (a case report)] von der Linde J, et al. **Padiatr Grenzgeb** 1984;23(4):225-41 (Eng. Abstr.) **(Ger)**

[Relationship between physique and measured intelligence level in mentally retarded children] Yokoyama Y. **Shinrigaku Kenkyu** 1985 Feb;55(6):370-3 (Eng. Abstr.) **(Jpn)**

[Combined nodular degeneration of the corneas, optic atrophy and horizontal nystagmus with decreased intellect and changes in the bone system] Novitskiĭ IIa. **Oftalmol Zh** 1984;(3):185-6 **(Rus)**

PHYSIOPATHOLOGY

Variables related to body-weight status of mentally retarded adults. Emery CL, et al. **Am J Ment Defic** 1985 Jul; 90(1):34-9

Clinical correlates of very fast beta activity in the EEG. Drake ME Jr. **Clin Electroencephalogr** 1984 Oct; 15(4):237-41

Cardiovascular and electrodermal responses to simple stimuli in autistic, retarded and normal children. James AL, et al. **Int J Psychophysiol** 1984 Feb;1(2):179-93

Estimation of auditory sensitivity from the acoustic reflex with mentally deficient children. Givens GD, et al. **J Aud Res** 1983 Apr;23(2):109-17

Developmental trends of jumping reaction time by means of EMG in mentally retarded children. Yabe K, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):137-45

Disregulation of hypothalamic-pituitary-adrenal axis in the mentally retarded. Sandman CA, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):21-6

[Psychophysiology of mental deficiency: evaluation of studies involving the recording of autonomic indices] Ionescu S. **Psychiatr Enfant** 1985;28(1):39-134 (240 ref.) **(Fre)**

[Features of the growth and physical development of mentally retarded school age children] Lavriashin BV, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):398-404 (Eng. Abstr.) **(Rus)**

[Clinico-pathogenetic correlations in intellectual deficiency in premature infants] Misionzhnik EIu, et al. **Zh Nevropatol Psikhiatr** 1985;85(3):388-94 (Eng. Abstr.) **(Rus)**

[Thyroid function in a mentally retarded child population of an iodine-deficient zone] Michaud P, et al. **Rev Med Chil** 1984 Oct;112(10):989-93 (Eng. Abstr.) **(Spa)**

PREVENTION & CONTROL

The plasticity of intellectual development: insights from preventive intervention. Ramey CT, et al. **Child Dev** 1984 Oct;55(5):1913-25

High risk registry update. Roberts FB. **J Tenn Med Assoc** 1985 Jul;78(7):439

Infant High Risk Registry in Tennessee. Wadley FS. **J Tenn Med Assoc** 1985 Jan;78(1):30, 32

Screening of perinatal risk factors leading to deviations of physical development and/or mental retardation of the child and their prevention. Stembera Z, et al. **Prog Clin Biol Res** 1985;163B:81-5

PSYCHOLOGY

The use of time-out, peer retraining and differential reinforcement of other behaviours (DRO) to reduce disruptive behaviours in a profoundly retarded boy. Aguerrevere L, et al. **Acta Cient Venez** 1984;35(1):75-8

The use of DRO to reduce stereotypic head weaving in a profoundly retarded adult. Aguerrevere L, et al. **Acta Cient Venez** 1984;35(1):71-4

Output organization in the free recall of mildly retarded children. Todman JB, et al. **Acta Psychol (Amst)** 1985 Mar; 58(3):287-91

Effects of different living settings on the performance of mentally retarded individuals. Alexander K, et al. **Am J Ment Defic** 1985 Jul;90(1):9-17

Clinical responses to psychopathology of mentally retarded persons. Alford JD, et al. **Am J Ment Defic** 1984 Sep; 89(2):195-7

Psychometric characteristics of the aberrant behavior checklist. Aman MG, et al. **Am J Ment Defic** 1985 Mar; 89(5):492-502

Psychosocial correlates of depression in mentally retarded adults: II. Poor social skills. Benson BA, et al. **Am J Ment Defic** 1985 May;89(6):657-9

Chronobiological aspects of stereotypy. Brusca R. **Am J Ment Defic** 1985 May;89(6):650-2

The role of response-reinforcer relationship in discrimination learning of mentally retarded persons. Delprato DJ, et al. **Am J Ment Defic** 1984 Nov;89(3):267-74

Implications of sensory stimulation in self-destructive behavior. Edelson SM. **Am J Ment Defic** 1984 Sep; 89(2):140-5

Structural memory deficits of mentally retarded persons. Ellis NR, et al. **Am J Ment Defic** 1985 Jan;89(4):393-402

Short-term memory for pictures and words by mentally retarded and nonretarded persons. Ellis NR, et al. **Am J Ment Defic** 1985 May;89(6):622-6

Stigma perception: social comparison among mentally retarded persons. Gibbons FX. **Am J Ment Defic** 1985 Jul; 90(1):98-106

Comparison of three measures of adaptive behavior. Heath CP, et al. **Am J Ment Defic** 1984 Sep;89(2):205-8

Behavioral attempts to eliminate air-swallowing in two profoundly mentally retarded clients. Holburn CS, et al. **Am J Ment Defic** 1985 Mar;89(5):524-36

Evidence of the similar-structure hypothesis controlling for organicity. Kahn JV. **Am J Ment Defic** 1985 Jan; 89(4):372-8

Observing executive activity in a simple assembly task. Lawson MJ. **Am J Ment Defic** 1985 May;89(6):642-9

Everyday cognition among mildly mentally retarded adults: an ethnographic approach. Levine HG, et al. **Am J Ment Defic** 1985 Jul;90(1):18-26

Situational anxiety and everyday life experiences of mildly mentally retarded adults. Levine HG. **Am J Ment Defic** 1985 Jul;90(1):27-33

Time-series analysis of stereotyped movements: relationship of body-rocking to cardiac activity. Lewis M, et al. **Am J Ment Defic** 1984 Nov;89(3):287-94

Performance of EMR and learning-disabled students on the brigance, peabody, and wide range achievement tests. Lindsey JD, et al. **Am J Ment Defic** 1984 Sep;89(2):197-201

Regular- and special-education teachers' judgments about mentally retarded children in an integrated setting. McEvoy MA, et al. **Am J Ment Defic** 1984 Sep; 89(2):167-73

Identification of vocally expressed emotions by mentally retarded and nonretarded individuals. Marcell MM, et al. **Am J Ment Defic** 1985 Mar;89(5):537-45

Facilitating visual discrimination learning of moderately and severely mentally retarded children through illumination of stimuli. Meador DM, et al. **Am J Ment Defic** 1984 Nov; 89(3):313-6

Effects of color on visual discrimination of geometric symbols by severely and profoundly mentally retarded individuals. Meador DM. **Am J Ment Defic** 1984 Nov; 89(3):275-86

Differences in semantic processing speed of mentally retarded and nonretarded persons. Merrill EC. **Am J Ment Defic** 1985 Jul;90(1):71-80

High school students' attitudes and actions toward 'slow learners'. Miller CT, et al. **Am J Ment Defic** 1984 Sep; 89(2):156-66

Taxonomy of family life styles: II. Homes with slow-learning children. Mink IT, et al. **Am J Ment Defic** 1984 Sep; 89(2):111-23

High-speed memory-scanning task performance of mildly mentally retarded and nonretarded individuals. Mosley JL. **Am J Ment Defic** 1985 Jul;90(1):81-9

Psychosocial correlates of depression in mentally retarded adults: I. Minimal social support and stigmatization. Reiss S, et al. **Am J Ment Defic** 1985 Jan;89(4):331-7

Relationship of upbringing to later behavior disturbance of mildly mentally retarded young people. Richardson SA, et al. **Am J Ment Defic** 1985 Jul;90(1):1-8

Behavioral disturbance in mentally retarded children in TMR and EMR classrooms. Russell AT, et al. **Am J Ment Defic** 1985 Jan;89(4):338-44

Speed of information-processing and structural limitations by mentally retarded and dual-diagnosed retarded-schizophrenic persons. Saccuzzo DP, et al. **Am J Ment Defic** 1984 Sep;89(2):187-94

Internal consistency of the short-form of the Questionnaire on Resources and Stress. Salisbury CL. **Am J Ment Defic** 1985 May;89(6):610-6

Prediction of developmental attainments of institutionalized mentally retarded children. Schlottmann RS, et al. **Am J Ment Defic** 1985 Jan;89(4):362-6

Vocabulary acquisition by mentally retarded students under direct and mnemonic instruction. Scruggs TE, et al. **Am J Ment Defic** 1985 Mar;89(5):546-51

An inventory to assess psychopathology of mentally retarded adults. Senatore V, et al. **Am J Ment Defic** 1985 Mar; 89(5):459-66

Attention in discrimination learning in relation to certain teacher-rated behavior anomalies. Siegel PS, et al. **Am J Ment Defic** 1985 Jan;89(4):389-92

Influence of planning time and first-move strategy on Tower of Hanoi problem-solving performance of mentally retarded young adults and nonretarded children. Spitz HH, et al. **Am J Ment Defic** 1985 Jul;90(1):46-56

Factors in family decision-making about placement for developmentally disabled individuals. Tausig M. **Am J Ment Defic** 1985 Jan;89(4):352-61

Spontaneous rehearsal by mildly mentally retarded children and adolescents. Turner LA, et al. **Am J Ment Defic** 1985 Jul;90(1):57-63

Transition from adolescence to adulthood: perspectives of mentally retarded individuals and their families. Zetlin AG, et al. **Am J Ment Defic** 1985 May;89(6):570-9

Continuities and change in behavior disturbance: a follow-up study of mildly retarded young people. Richardson SA, et al. **Am J Orthopsychiatry** 1985 Apr;55(2):220-9

Self-injurious behavior and stereotypy in an institutionalized mentally retarded population. Barron JL, et al. **Appl Res Ment Retard** 1984;5(4):499-511

Behavior disorders and mental retardation: associations with age, sex, and level of functioning in an outpatient clinic sample. Benson BA. **Appl Res Ment Retard** 1985;6(1):79-85

Attention to multiple cues by severely mentally retarded adults: effects of single-component pretraining. Huguenin NH. **Appl Res Ment Retard** 1985;6(3):319-35

Effects of gross motor activities on the severe self-injurious tantrums of multihandicapped individuals. Lancioni GE, et al. **Appl Res Ment Retard** 1984;5(4):471-82

Use of time-lapse video recording for the direct measurement of behavior in the mentally retarded. Linscheid TR, et al. **Appl Res Ment Retard** 1984;5(3):317-27

Comparison scan training and the matching and scanning performance of severely and profoundly mentally retarded students. Lyon SR, et al. **Appl Res Ment Retard** 1984; 5(4):439-49

Depression and learned helplessness in mentally retarded and nonmentally retarded adolescents: an initial investigation. Reynolds WM, et al. **Appl Res Ment Retard** 1985; 6(3):295-306

An ecobehavioral assessment of a special education classroom. Vyse S, et al. **Appl Res Ment Retard** 1984; 5(3):395-408

Self-concept measurement in mentally retarded adults: a micro-analysis of response styles. Zetlin AG, et al. **Appl Res Ment Retard** 1985;6(2):113-25

A classroom rating scale for use with mentally retarded children. Evans PL, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):187-94

Pipothiazine palmitate in the management of aggressive mentally handicapped patients. Lynch DM, et al. **Br J Psychiatry** 1985 May;146:525-9

Behaviour and skills of severely retarded adults in hospitals and small residential homes. Rawlings S. **Br J Psychiatry** 1985 Apr;146:358-66

The natural history of behavioural symptoms among severely and profoundly mentally retarded patients. Reid AH, et al. **Br J Psychiatry** 1984 Sep;145:289-93

High speed memory scanning in retarded and non-retarded adolescents. Todman J, et al. **Br J Psychol** 1985 Feb;76 (Pt 1):49-57

The social construction of unreality: a case study of a family's attribution of competence to a severely retarded child. Pollner M, et al. **Fam Process** 1985 Jun;24(2):241-57

Speech development in young institutionalized retarded children under an early intervention procedure. Zaleski T. **Int J Pediatr Otorhinolaryngol** 1984 Jul;7(3):265-71

The interaction of parents and their mentally handicapped pre-school-children. Davis H. **Int J Rehabil Res** 1984; 7(2):216-7

Longitudinal study of teacher language interacting with their mentally retarded students. Gremaud G, et al. **Int J Rehabil Res** 1984;7(2):203-5

Processing of information in iconic memory: differences between nonretarded and retarded subjects. Baumeister AA, et al. **J Abnorm Psychol** 1984 Nov;93(4):433-47

Auditory response behavior of severely and profoundly multiply handicapped children. Gans DP, et al. **J Aud Res** 1983 Apr;23(2):137-48

The mentally handicapped adult's concepts of good and bad acts. Flynn MC, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):55-62

Selective auditory preferences and the use of automated equipment by severely, profoundly and multiply handicapped children. Glenn SM, et al. **J Ment Defic Res** 1984 Dec;28 (Pt 4):281-96

Effects of two antecedent conditions on vocalization frequency of severely retarded children. Halle JW, et al. **J Speech Hear Disord** 1984 Nov;49(4):349-59

Interactive basis of severely handicapped and normal children's acquisition of referential language. Koenig MA, et al. **J Speech Hear Res** 1984 Dec;27(4):534-42

Idiots savants [editorial] **Lancet** 1985 Feb 2;1(8423):260

The relationship between age and stereotyped behaviors. Berkson G, et al. **Ment Retard** 1985 Feb;23(1):31-3

Toward more elaborate pretend play. Li AK.

Ment Retard 1985 Jun;23(3):131-6

Preliminary data on the presence of neuropsychological deficits in adults who are mentally retarded. McCaffrey RJ, et al. **Ment Retard** 1985 Apr;23(2):63-6

Comparison of self- and peer-perceptions of mentally retarded children. Bliss LS. **Percept Mot Skills** 1985 Jun; 60(3):987-93

Comparison of Slosson and McCarthy Scales for exceptional preschool children. Bondy AS, et al. **Percept Mot Skills** 1984 Oct;59(2):657-8

Hyperlexia and a variant of hypergraphia. Burd L, et al. **Percept Mot Skills** 1985 Jun;60(3):940-2

Control in memory for movement cues by mentally retarded children. Horgan JS. **Percept Mot Skills** 1985 Apr; 60(2):439-44

Relationship between expressive language ability and rhythm perception, pitch perception, vocal range, and vocal midpoint among mentally retarded adults. Hoskins C. **Percept Mot Skills** 1985 Apr;60(2):644-6

A follow-up study of cross-cultural validity of Developmental Test of Visual-motor Integration. Webb J. **Percept Mot Skills** 1985 Feb;60(1):167-73

A family systems look at the developmentally disabled. Jaffe-Ruiz M. **Perspect Psychiatr Care** 1984 Apr-Jun; 22(2):65-71

Psychodynamics of the mildly retarded and borderline intelligence adult. Paniagua C, et al. **Psychiatr Q** 1983 Winter;55(4):242-52

Test-retest reliability of the Hand Test with institutionalized mentally retarded adults. Stoner S. **Psychol Rep** 1985 Feb; 56(1):272-4

Emotional problems in the mentally retarded: the need for assessment and treatment. Matson JL. **Psychopharmacol Bull** 1985;21(2):258-61

[Relevance of sodomy in adolescence] Fehlow P. **Psychiatr Neurol Med Psychol (Leipz)** 1985 Apr; 37(4):228-33 (Eng. Abstr.) **(Ger)**

[Autoaggressive behavior of the mentally retarded--results of a survey] Wallner T. **Rehabilitation (Stuttg)** 1984 Nov; 23(4):160-2 (Eng. Abstr.) **(Ger)**

[Intellectual and psychological damage caused by breech delivery] Gatterer G, et al. **Z Exp Angew Psychol** 1985; 32(3):384-99 (Eng. Abstr.) **(Ger)**

[Features of the psychic functions of patients with severe degrees of oligophrenia] Gordenchuk VG. **Zh Nevropatol Psikhiatr** 1985;85(3):382-8 (Eng. Abstr.) **(Rus)**

[Role of the mentally retarded graduates of special schools] Jaque Valenzuela G. **Acta Psiquiatr Psicol Am Lat** 1984 Jun;30(2):141-5 (Eng. Abstr.) **(Spa)**

REHABILITATION

Teaching janitorial skills to autistic adolescents. Durán E. **Adolescence** 1985 Spring;20(77):225-32

Institutional reform, adaptive functioning of mentally retarded persons, and staff quality of work life. MacEachron AE, et al. **Am J Ment Defic** 1985 Jan; 89(4):379-88

Self-preservation ability and residential fire emergencies: replication and criterion-validity study. MacEachron AE, et al. **Am J Ment Defic** 1985 Jul;90(1):107-10

Retention of symbolic communications skills by severely mentally retarded persons. Romski MA, et al. **Am J Ment Defic** 1985 Jan;89(4):441-4

Attitudes of parents/guardians of mentally retarded former state hospital residents toward current community placement. Rudie F, et al. **Am J Ment Defic** 1984 Nov; 89(3):295-7

Serving profoundly mentally retarded persons: staff attitudes and job satisfaction. Silver EJ, et al. **Am J Ment Defic** 1984 Nov;89(3):297-301

Comparison of word-supply and word-analysis error-correction procedures on oral reading by mentally retarded children. Singh J, et al. **Am J Ment Defic** 1985 Jul;90(1):64-70

A library skills program serving adults with mental retardation: an interdisciplinary approach. Hurff JM, et al. **Am J Occup Ther** 1985 Apr;39(4):233-9

A multielement analysis of contingent versus contingent-interrupted music. Allen LD, et al. **Appl Res Ment Retard** 1985;6(1):87-97

Deceleration of self-injurious and stereotypic responding by exercise. Baumeister AA, et al. **Appl Res Ment Retard** 1984; 5(3):385-93

Self-management training of mentally retarded adults presenting severe conduct difficulties. Cole CL, et al. **Appl Res Ment Retard** 1985;6(3):337-47

A program to increase manual signs with severely/profoundly mentally retarded students in natural environments. Duker PC, et al. **Appl Res Ment Retard** 1985; 6(2):147-58

A quantitative review of self-help research with the severely and profoundly mentally retarded. Konarski EA Jr, et al. **Appl Res Ment Retard** 1985;6(2):229-45 (125 ref.)

The impact of deinstitutionalization on activities and skills of severely/profoundly mentally retarded multiply-handicapped adults. O'Neill J, et al. **Appl Res Ment Retard** 1985;6(3):361-71

A comparison of the effects of interspersal and concurrent training sequences on acquisition, retention, and generalization of picture names. Rowan VC, et al. **Appl Res Ment Retard** 1985;6(2):127-45

Competitive employment: assessing employee reactivity to naturalistic observation. Rusch FR, et al. **Appl Res Ment Retard** 1984;5(3):339-51

Effects of delayed versus immediate attention to oral reading errors on the reading proficiency of mentally retarded children. Singh NN, et al. **Appl Res Ment Retard** 1985; 6(3):283-93

Teaching mentally retarded children to use an experimental device for telling time and meeting appointments. Smeets PM, et al. **Appl Res Ment Retard** 1985;6(1):51-70

Effects of exercise on the physical fitness, intelligence, and adaptive behavior of institutionalized mentally retarded adults. Tomporowski PD, et al. **Appl Res Ment Retard** 1984;5(3):329-37

Characteristics of New York's community residences for developmentally disabled persons. Zigman WB, et al. **Appl Res Ment Retard** 1984;5(3):375-84

Social skills training with mentally handicapped people: a review. Robertson I, et al. **Br J Clin Psychol** 1984 Nov; 23 (Pt 4):241-64 (53 ref.)

The needs of young intellectually retarded adults. 18th Blake Marsh lecture February 1984. Brimblecombe FS. **Br J Psychiatry** 1985 Jan;146:5-10

The nature of interactions between nursing staff and profoundly multiply handicapped children. Beail N. **Child Care Health Dev** 1985 May-Jun;11(3):113-29

Ward teaching won't do! McLean E. **Child Care Health Dev** 1984 Sep-Oct;10(5):261-71

Current practices in sensory motor programming with developmentally delayed infants and young children. Pothier PC, et al. **Child Care Health Dev** 1984 Nov-Dec; 10(6):341-8

Matching technology to content and learners: a case study. Friedman SG, et al. **Except Child** 1984 Oct;51(2):130-4

Transition: a look at the foundations. Halpern AS. **Except Child** 1985 Apr;51(6):479-86

Factors associated with the employment status of handicapped youth exiting high school from 1979 to 1983. Hasazi SB, et al. **Except Child** 1985 Apr;51(6):455-77

Directions in vocational services for moderately retarded persons in Newfoundland and Labrador. Hillier CR, et al. **Except Child** 1984 Oct;51(2):176-81

Which clients should a sheltered workshop serve? **Hastings Cent Rep** 1984 Oct;14(5):52-4

Preston Skreens: a family support unit for mentally handicapped children in the Medway Health District. Pahl J. **Int J Rehabil Res** 1984;7(2):208-10

A follow-up study of young mentally handicapped people. Raynes NV. **Int J Rehabil Res** 1984;7(2):218

Motivation, vocational interests and job satisfaction of mentally retarded adults. Reiter S, et al. **Int J Rehabil Res** 1985;8(1):19-28

The vocational development of mentally handicapped young people. Turner A. **Int J Rehabil Res** 1984;7(2):216

Self-monitoring and work productivity with mentally retarded adults. Ackerman AM, et al. **J Appl Behav Anal** 1984 Fall;17(3):403-7

Teaching social/vocational skills to retarded adults with a modified table game: an analysis of generalization. Foxx RM, et al. **J Appl Behav Anal** 1984 Fall;17(3):343-52

Teaching selected microcomputer skills to retarded students via picture prompts. Frank AR, et al. **J Appl Behav Anal** 1985 Summer;18(2):179-85

Teaching between-class generalization of toy play behavior to handicapped children. Haring TG. **J Appl Behav Anal** 1985 Summer;18(2):127-39

Increasing handicapped preschoolers' peer social interactions: cross-setting and component analysis. Odom SL, et al. **J Appl Behav Anal** 1985 Spring;18(1):3-16

Teaching menstrual care to mentally retarded women: acquisition, generalization, and maintenance. Richman GS, et al. **J Appl Behav Anal** 1984 Winter;17(4):441-51

Teaching job independence and flexibility to mentally retarded students through the use of a self-control package. Sowers J, et al. **J Appl Behav Anal** 1985 Spring;18(1):81-5

Evaluation of reinforcer preferences for profoundly handicapped students. Wacker DP, et al. **J Appl Behav Anal** 1985 Summer;18(2):173-8

Pharmacological treatment of self-injurious behavior in mentally retarded persons. Singh NN, et al. **J Autism Dev Disord** 1985 Sep;15(3):257-67 (48 ref.)

Suppression of pica by overcorrection and physical restraint: a comparative analysis. Singh NN, et al. **J Autism Dev Disord** 1984 Sep;14(3):331-41

Training parents of retarded children: program-specific outcomes. Baker BL, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):255-60

An analysis of a partial task training strategy for profoundly retarded institutionalized clients. Cipani E. **J Behav Ther Exp Psychiatry** 1985 Mar;16(1):49-55

Use of nonexclusionary timeout for the elimination of a stereotyped behavior. McKeegan GF, et al. **J Behav Ther Exp Psychiatry** 1984 Sep;15(3):261-4

Eliminating selective stimulus control: a comparison of two procedures for teaching mentally retarded children to respond to compound stimuli. Allen KD, et al. **J Exp Child Psychol** 1985 Feb;39(1):55-71

Hard world outside: some pitfalls to avoid in the community care of the mentally handicapped. Kinnell HG. **Lancet** 1984 Nov 24;2(8413):1202-4

A five-year follow-up of sheltered workshop employees placed in competitive jobs. Brickey MP, et al. **Ment Retard** 1985 Apr;23(2):67-73

A national profile of self-help/self-advocacy groups of people with mental retardation. Browning P, et al. **Ment Retard** 1984 Oct;22(5):226-30

The 'discovery' of siblings [editorial] Edmundson K. **Ment Retard** 1985 Apr;23(2):49-51

Staffing ratios in public institutions for persons with mental retardation in the United States. Epple WA, et al. **Ment Retard** 1985 Jun;23(3):115-24

Symposium: residential institutions. Institutions: what is going on? Griffith RG. **Ment Retard** 1985 Jun;23(3):105-7

Stability of residential facilities for people who are mentally retarded, 1977-1982. Hill BK, et al. **Ment Retard** 1985 Jun; 23(3):108-14

Placement decisions and their effects on the development of individuals with severe mental retardation. Hodapp RM, et al. **Ment Retard** 1985 Jun;23(3):125-30

Service provision in New York's group homes. Jacobson JW, et al. **Ment Retard** 1984 Oct;22(5):231-9

Physical and environmental design characteristics of community residences. Janicki MP, et al. **Ment Retard** 1984 Dec;22(6):294-301

Planning community services using the Title XIX waïver as a catalyst for change. Karan OC, et al. **Ment Retard** 1984 Oct;22(5):240-7

Work attendance in competitive employment: comparison between employees who are nonhandicapped and those who are mentally retarded. Martin JE, et al. **Ment Retard** 1985 Jun;23(3):142-7

Effects of a self-recording procedure on the attending to task behavior and academic productivity of adolescents with multiple handicaps. Morrow LW, et al. **Ment Retard** 1985 Jun;23(3):137-41

Foster family care for older persons who are mentally retarded. Sherman SR, et al. **Ment Retard** 1984 Dec; 22(6):302-8

An arts infusion intervention model for children with severe handicaps. Sherrill C, et al. **Ment Retard** 1984 Dec; 22(6):316-20

Changing places: a look at some realities of institutional behavior management. Walker GR, et al. **Ment Retard** 1985 Apr;23(2):79-81

A consumer approach to a paediatric assessment clinic. Hochstadter S, et al. **S Afr Med J** 1985 Aug 17;68(4):245-8

Mental retardation: meeting the challenge. **WHO Offset Publ** 1985;(86):1-45

[The system of early detection and rehabilitation of newborn infants at risk in the Prague 4th District] Zezuláková J, et al. **Cesk Pediatr** 1984 Oct;39(10):598-602 (Eng. Abstr.) **(Cze)**

[Do residential facilities for mentally retarded people exert an influence on the capacity for autonomy and social integration of their residents?] Beckers J. **Int J Rehabil Res** 1984;7(4):409-18 (Eng. Abstr.) **(Fre)**

[Influence of the educational course on the future of young persons thought to be mentally deficient] Nicaud V, et al. **Rev Epidemiol Sante Publique** 1984;32(5):277-85 (Eng. Abstr.) **(Fre)**

[Model trial of local psychiatric care in the Adolescent Psychiatric Service of the Board of Health--concept and experiences] Bieback H. **Off Gesundheitswes** 1984 Sep; 46(9):430-3 **(Ger)**

[Expert testimony on mentally and emotionally handicapped children in relation to Paragraphs 39ff and 69 of the Federal Social Assistance code] Heuer M. **Off Gesundheitswes** 1984 Sep;46(9):426-9 **(Ger)**

[Adult oligophrenia in the large psychiatric hospital] Buschbeck J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov; 36(11):661-6 (Eng. Abstr.) **(Ger)**

[Occupational adjustment of non-educable, productive handicapped adolescents] Berger K, et al. **Z Gesamte Hyg** 1985 Apr;31(4):254-6 (Eng. Abstr.) **(Ger)**

[Need for physical therapy in the rehabilitation of oligophrenic adolescents and adults] Herrfurth R, et al. **Z Gesamte Hyg** 1985 Feb;31(2):126-7 (Eng. Abstr.) **(Ger)**

[Leisure time behavior of mentally deficient juveniles and adults] Herrfurth R, et al. **Z Gesamte Hyg** 1985 Mar; 31(3):181-3 (Eng. Abstr.) **(Ger)**

[Prolonged vocational rehabilitation of severely mentally retarded students in trade schools] Pilecka O. **Psychiatr Pol** 1984 Sep-Oct;18(5):439-43 (Eng. Abstr.) **(Pol)**

[Rehabilitation of the mentally retarded] Velasco Suárez M, et al. **Gac Med Mex** 1985 Mar-Apr;121(3-4):83-105 **(Spa)**

THERAPY

Psychotherapy of the retarded adolescent. Bernstein NR. **Adolesc Psychiatry** 1985;12:406-13

The aberrant behavior checklist: a behavior rating scale for the assessment of treatment effects. Aman MG, et al. **Am J Ment Defic** 1985 Mar;89(5):485-91

Medical needs of institutionalized mentally retarded persons: perceptions of families and staff members. Conroy JW. **Am J Ment Defic** 1985 Mar;89(5):510-4

Family, community residence, and institutional placements of a sample of mentally retarded children. Seltzer MM, et al. **Am J Ment Defic** 1984 Nov;89(3):257-66

Variables discriminating residential placement of severely handicapped children. Wynne ME, et al. **Am J Ment Defic** 1985 Mar;89(5):515-23

Reinforcer displacement. A preliminary study of the clinical application of the CRF/EXT effect. Neisworth JT, et al. **Behav Modif** 1985 Jan;9(1):103-15

Effects of a recreation therapy program on activity involvement and social interaction of mentally-retarded persons. Anderson SC, et al. **Behav Res Ther** 1985; 23(4):473-7

An ecological comparison of small community-based houses and traditional institutions--II. Physical setting and the use of opportunities. Felce D, et al. **Behav Res Ther** 1985; 23(3):337-48

Why are the mentally handicapped admitted to hospital? A ten-year survey. Carter G. **Br J Psychiatry** 1984 Sep; 145:283-8

Incomes foregone in the home care of intellectually handicapped children. Chetwynd J. **Community Health Stud** 1985;9(1):48-53

Respite care and family functioning in families with retarded children. Halpern PL. **Health Soc Work** 1985 Spring; 10(2):138-50

Patient advocacy: the Ontario experience. Turner T, et al. **Int J Law Psychiatry** 1984;7(3-4):329-50

An alternating treatments comparison of oral and total communication training with minimally verbal retarded children. Sisson LA, et al. **J Appl Behav Anal** 1984 Winter; 17(4):559-66

The effects of adding interruption to differential reinforcement on targeted and novel self-stimulatory behaviors. Fellner DJ, et al. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):315-21

Reduction of eye gouging using a response interruption procedure. Slifer KJ, et al. **J Behav Ther Exp Psychiatry** 1984 Dec;15(4):369-75

Reduction of stereotypic behaviours using differential reinforcement procedures and momentary restraint. Barton LE, et al. **J Ment Defic Res** 1985 Mar;29 (Pt 1):71-9

Evaluating community care for the mentally handicapped adult: a comparison of hostel, home and hospital care. Locker D, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):189-98

Increasing physicians' awareness and use of community resources for mentally retarded persons. Singh NN, et al. **J Ment Defic Res** 1984 Sep;28 (Pt 3):199-205

Models of service delivery: an assessment of some applications and implications for people who are mentally retarded. Baldwin S. **Ment Retard** 1985 Feb;23(1):6-12

The provision of information and referral services in the community. Downey NA, et al. **Ment Retard** 1985 Feb; 23(1):21-5

Needs and coping abilities in families of children with developmental disabilities. Kornblatt ES, et al. **Ment Retard** 1985 Feb;23(1):13-9

Psychotherapy with persons who are mentally retarded. Matson JL. **Ment Retard** 1984 Aug;22(4):170-5

Proposal for information networks in mental retardation [editorial] Rowitz L. **Ment Retard** 1985 Feb;23(1):1-2

Administration of residential facilities: a literature documentation (1970-1982). Sluyter GV, et al. **Ment Retard** 1985 Feb;23(1):3-5

Case history of a child with Williams syndrome. **Pediatrics** 1985 May;75(5):962-8

[Models of therapy for the mentally handicapped] Baldwin S. **Ann Med Psychol (Paris)** 1984 Sep-Oct;142(8):1097-101 (Eng. Abstr.) **(Fre)**

[Experience with preverbal psychotherapy in a group of chronic psychotic patients] Angosto Saura T, et al. **Actas Luso Esp Neurol Psiquiatr** 1984 May-Jun; 12(3):215-22 **(Spa)**

URINE

Metabolism of collagen in aspartylglycosaminuria: urinary excretion of hydroxyproline. Näntö-Salonen K, et al. **J Inherited Metab Dis** 1984;7(3):117-21

MENTAL RETARDATION, PSYCHOSOCIAL

FAMILIAL & GENETIC

Extreme deprivation in early childhood--I. Diverse outcomes for three siblings from an extraordinary family. Skuse D. **J Child Psychol Psychiatry** 1984 Oct;25(4):523-41

PREVENTION & CONTROL

Pre-school intervention programmes. Reader L. **Child Care Health Dev** 1984 Jul-Aug;10(4):237-51

[Social deprivation in early childhood: endangered development and prevention] Jungmann J. **Klin Padiatr** 1984 Sep-Oct;196(5):259-63 (Eng. Abstr.) **(Ger)**

PSYCHOLOGY

Infants' home environments: a study of screening efficiency. Adams JL, et al. **Am J Ment Defic** 1984 Sep;89(2):133-9

Extreme deprivation in early childhood--II. Theoretical issues and a comparative review. Skuse D. **J Child Psychol Psychiatry** 1984 Oct;25(4):543-72

THERAPY

Short communication: effects of environmental enrichment on the mental and psychomotor development of orphanage children. Hakimi-Manesh Y, et al. **J Child Psychol Psychiatry** 1984 Oct;25(4):643-50

MENTAL STATUS SCHEDULE see under **PSYCHIATRIC STATUS RATING SCALES**

MENTAL TESTS see **INTELLIGENCE TESTS**

MENTHOL

ANALOGS & DERIVATIVES

In vivo and in vitro destruction of rat liver cytochrome P-450 by a monoterpene ketone, pulegone. Madyastha P, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):921-7

Quantitative analysis of alpha, beta-thujone, pulegone, safrole, coumarin and beta-asarone in alcoholic beverages by selected-ion monitoring. Galli CL, et al. **J Appl Toxicol** 1984 Oct;4(5):273-6

THERAPEUTIC USE

[Hemorrhoids: clinical and therapeutic considerations] Borgatti E. **Clin Ter** 1985 Feb 15;112(3):225-31 (Eng. Abstr.) **(Ita)**

MENU PLANNING see under **FOOD SERVICES**

MEPACRINE see **QUINACRINE**

MEPARTRICIN see under **POLYENES**

MEPERIDINE

Effects of naloxone on newborn infant behavior after maternal analgesia with pethidine during labor. Welles B, et al. **Acta Obstet Gynecol Scand** 1984;63(7):617-9

Stability of meperidine hydrochloride, promethazine hydrochloride, and atropine sulfate in plastic syringes. Rhodes RS, et al. **Am J Hosp Pharm** 1985 Jan;42(1):112-5

Meperidine-acepromazine-pentobarbital anesthesia in cats: reversal by 4-aminopyridine and yohimbine. Hatch RC, et al. **Am J Vet Res** 1984 Dec;45(12):2658-62

Sedation for endoscopy: a comparison between diazepam, and diazepam plus pethidine with naloxone reversal. Boldy DA, et al. **Br J Anaesth** 1984 Oct;56(10):1109-12

[Premedication in local anesthesia] Honegger H, et al. **Fortschr Ophthalmol** 1984;81(3):234-7 (Eng. Abstr.) **(Ger)**

[Effect of premedication in general anesthesia on periodic variability of heart rate] Mikoleit J, et al. **Z Gesamte Inn Med** 1985 Feb 15;40(4):122-6 (Eng. Abstr.) **(Ger)**

[Subarachnoid anesthesia with pethidine and the hierarchy of pain intensity] Mircea N, et al. **Rev Chir [Chir]** 1983 May-Jun;32(3):225-31 (Eng. Abstr.) **(Rum)**

[Balanced promedol and seduxen anesthesia in the surgical treatment of middle-aged and elderly patients] Piontek AE, et al. **Anesteziol Reanimatol** 1985 Mar-Apr;(2):62-5 (Eng. Abstr.) **(Rus)**

[Use of a propionylpromazine and meperidine combination in thiopental sodium anesthesia in horses] Deppe R, et al. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):59-67 (Eng. Abstr.) **(Spa)**

ADMINISTRATION & DOSAGE

Rectal diazepam compared to intramuscular pethidine/promethazine/chlorpromazine with regard to gastric contents in paediatric anaesthesia. Blom H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):652-3

Stability of an analgesic-sedative combination in glass and plastic single-dose syringes. Conklin CA, et al. **Am J Hosp Pharm** 1985 Feb;42(2):339-42

Self-administered nalbuphine, morphine and pethidine. Comparison, by intravenous route, following cholecystectomy. Bahar M, et al. **Anaesthesia** 1985 Jun; 40(6):529-32

Epidural meperidine for control of autonomic hyperreflexia in a paraplegic parturient. Baraka A. **Anesthesiology** 1985 May;62(5):688-90

Comparative evaluation of subarachnoid morphine & pethidine for post-operative analgesia. Nag S, et al. **Indian J Med Res** 1984 Jun;79:818-23

Submucous paracervical blockade compared with intramuscular meperidine as analgesia during labor: a double-blind study. Jensen F, et al. **Obstet Gynecol** 1984 Nov;64(5):724-7

Compression neuropathy from muscle fibrosis induced by repeated meperidine injections. Yamanaka M, et al. **Plast Reconstr Surg** 1985 Apr;75(4):582-3

Self-administered intravenous analgesia during labour. A comparison between pentazocine and pethidine. Erskine WA, et al. **S Afr Med J** 1985 May 11;67(19):764-7

[Postoperative epidural analgesia with pethidine in digestive surgery (letter)] Meunier J. **Ann Fr Anesth Reanim** 1984; 3(6):469-70 **(Fre)**

[Experience with pethidine by the subarachnoid route in anesthesia (letter)] Saissy JM. **Presse Med** 1984 Oct 6; 13(35):2149-50 **(Fre)**

[Morphine and meperidine. Comparative analysis of their use in epidural analgesia] Zafrani V, et al. **Rev Med Panama** 1985 May;10(2):132-7 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

The 'lytic cocktail' induces recurrence of fits in the treatment of eclampsia [letter] El-Kadre D. **Am J Obstet Gynecol** 1985 Jan 1;151(1):143-5

Analgesic nitrous oxide: adjunct to clonidine for opioid withdrawal [letter] Gillman MA, et al. **Am J Psychiatry** 1985 Jun;142(6):784-5

Neurotoxicity of meperidine. Goetting MG, et al. **Ann Emerg Med** 1985 Oct;14(10):1007-9

Adverse effects of meperidine, promethazine, and chlorpromazine for sedation in pediatric patients. Nahata MC, et al. **Clin Pediatr (Phila)** 1985 Oct;24(10):558-60

Acute effect of prenatal pethidine administration on human fetal brain cyclic AMP levels and ornithine decarboxylase activity. Persitz E, et al. **Gynecol Obstet Invest** 1984; 18(6):322-6

Reversible parkinsonism related to meperidine [letter] Lieberman AN, et al. **N Engl J Med** 1985 Feb 21;312(8):509

[Postoperative intestinal atony. A randomized study of the effect of morphine and pethidine] Olesen KL, et al. **Ugeskr Laeger** 1985 Mar 11;147(11):955-6 (Eng. Abstr.) **(Dan)**

[Pruritus after spinal anesthesia with pethidine (letter)] Saissy JM. **Ann Fr Anesth Reanim** 1984;3(5):402 **(Fre)**

ANALOGS & DERIVATIVES

Respiratory performance after upper abdominal surgery. A comparison of pain relief with intercostal blocks and centrally acting analgesics. Engberg G. **Acta Anaesthesiol Scand** 1985 May;29(4):427-33

Disposition of meperidine and normeperidine following multiple doses during labor. II. Fetus and neonate. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):410-5

Disposition of meperidine and normeperidine following multiple doses during labor. I. Mother. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):406-9

Assessment of the opiate properties of two constituents of a toxic illicit drug mixture. Johannessen JN, et al. **Drug Alcohol Depend** 1984 Jul;13(4):367-74

Meperidine and normeperidine metabolism in the rhesus monkey. Morrison JC, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):345-8

Analysis of meperidine and normeperidine in serum and urine by high-performance liquid chromatography. Meatherall RC, et al. **J Chromatogr** 1985 Feb 27;338(1):141-9

Phenolic analogues of reversed esters of pethidine. Casy AF, et al. **J Pharm Pharmacol** 1985 Feb;37(2):121-3

[Analysis of the role of various factors of the initial status of the body in the analgesic action of promedol] Dmitriev AV, et al. **Farmakol Toksikol** 1984 Jul-Aug;47(4):34-6 (Eng. Abstr.) **(Rus)**

ANALYSIS

Stability of morphine sulfate and meperidine hydrochloride in a parenteral nutrient formulation. Macias JM, et al. **Am J Hosp Pharm** 1985 May;42(5):1087-94

Analysis of meperidine and normeperidine in serum and urine by high-performance liquid chromatography. Meatherall RC, et al. **J Chromatogr** 1985 Feb 27;338(1):141-9

BLOOD

Plasma protein binding of salicylic acid, phenytoin, chlorpromazine, propranolol and pethidine using equilibrium dialysis and ultracentrifugation. Verbeeck RK, et al. **Arzneimittelforschung** 1985;35(6):903-6

METABOLISM

Disposition of meperidine and normeperidine following multiple doses during labor. I. Mother. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):406-9

Disposition of meperidine and normeperidine following multiple doses during labor. II. Fetus and neonate. Kuhnert BR, et al. **Am J Obstet Gynecol** 1985 Feb 1;151(3):410-5

Cimetidine alters pethidine disposition in man. Guay DR, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):907-14

Ranitidine does not alter pethidine disposition in man. Guay DR, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):55-9

Placental transfer of bupivacaine, pethidine and lignocaine in the rabbit. Effect of umbilical flow rate and protein content. Hamshaw-Thomas A, et al. **Br J Obstet Gynaecol** 1985 Jul;92(7):706-13

Effects of age on meperidine disposition. Herman RJ, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):19-24

Kinetics of meperidine N-demethylation in the perfused rat liver preparation. Babiak LM, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):698-704

Meperidine and normeperidine metabolism in the rhesus monkey. Morrison JC, et al. **Int J Gynaecol Obstet** 1984 Oct;22(5):345-8

Contribution of the lung to total body clearance of meperidine in the dog. Kramer WG, et al. **J Pharm Sci** 1985 May;74(5):569-71

Metabolism of meperidine in several animal species. Yeh SY. **J Pharm Sci** 1984 Dec;73(12):1783-7

Influence of urinary pH on pethidine kinetics in healthy volunteer subjects. Chan K, et al. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):245-51

[Quantitative drug exchange in the maternal-placental-fetal system. Studies of transplacental lidol transport] Todorov S. **Akush Ginekol (Sofiia)** 1985;24(3):15-8 (Eng. Abstr.) **(Bul)**

[Assay of pethidine by gas chromatography-mass spectrometry for its pharmacokinetic study during intrathecal administration] Bressolle F, et al. **Therapie** 1985 May-Jun;40(3):161-6 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

Effects of atropine, acepromazine, meperidine, and xylazine on gastroesophageal sphincter pressure in the dog. Strombeck DR, et al. **Am J Vet Res** 1985 Apr;46(4):963-5

Effects of low doses of meperidine on neonatal behavior. Kuhnert BR, et al. **Anesth Analg** 1985 Mar;64(3):335-42

Actions of morphine, pethidine and pentazocine on the oestrus and pregnant rat uterus in vitro. Sivalingam T, et al. **Br J Anaesth** 1985 Apr;57(4):430-3

Maternal blood pressure response to the intravenous administration of pethidine-promethazine during labor. Ron M, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1-2):25-8

Stimulation of the periaqueductal gray subdues sensitized pain in morphine- and meperidine-dependent rats. Emmers R. **Exp Neurol** 1985 May;88(2):405-17

Effect of narcotic premedication on scintigraphic evaluation of gallbladder perforation. Sefczek DM, et al. **J Nucl Med** 1985 Jan;26(1):51-3

Effect of pre-anesthetic medications on serum lipid levels. Sane AS, et al. **Panminerva Med** 1985 Jan-Mar;27(1):45-7

Hemodynamic and acid-base effects of meperidine on unanesthetized pregnant sheep and fetus. Ayromlooi J. **Pediatr Pharmacol (New York)** 1985;5(1):49-55

The clinical relevance of the drug displacement interaction between meperidine and bupivacaine. Denson DD, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep;45(3):323-30

[Effects of high doses of pethidine and fentanyl on hemodynamics in the dog] Avril G, et al. **Cah Anesthesiol** 1984 Jan-Feb;32(1):15-9 **(Fre)**

POISONING

Continuous naloxone infusion for opiate poisoning in infancy. Tenenbein M. **J Pediatr** 1984 Oct;105(4):645-8

THERAPEUTIC USE

A comparative study of techniques of postoperative analgesia following caesarean section and lower abdominal surgery. Brownridge P, et al. **Anaesth Intensive Care** 1985 May;13(2):123-30

Analgesia following femoral neck surgery. Lateral cutaneous nerve block as an alternative to narcotics in the elderly. Jones SF, et al. **Anaesthesia** 1985 Jul;40(7):682-5

Chlorpromazine vs. meperidine in the treatment of phencyclidine psychosis. Giannini AJ, et al. **J Clin Psychiatry** 1985 Feb;46(2):52-4

A comparison of nalbuphine and pethidine for postoperative pain relief after orthopaedic surgery. Brock-Utne JG, et al. **S Afr Med J** 1985 Sep 14;68(6):391-3

Pain control: comparison of percutaneous and operative nephrolithotomy. Rittenberg MH, et al. **Urology** 1985 May;25(5):468-71

[Sublingual buprenorphine (Temgesic) for the management of postoperative pain. A comparative study of intramuscular pethidine and buprenorphine] Crawford ME, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1842-5 (Eng. Abstr.) **(Dan)**

[Postoperative analgesic effect of pethidine injected epidurally] Latarjet J, et al. **Ann Fr Anesth Reanim** 1985;4(1):27-9 (Eng. Abstr.) **(Fre)**

[Peridural meperidine in the treatment of pain in acute myocardial infarction] Imbeloni LE. **Arq Bras Cardiol** 1984 Jul;43(1):37-40 (Eng. Abstr.) **(Por)**

URINE

Comparison of renal excretion of pethidine (meperidine) and its metabolites in old and young patients. Odar-Cederlöf I, et al. **Eur J Clin Pharmacol** 1985;28(2):171-5

MEPHENOXALONE see under **OXAZOLES**

MEPHENYTOIN see under **HYDANTOINS**

MEPHOBARBITAL

ADVERSE EFFECTS

Ependymoblastoma associated with prenatal exposure to diphenylhydantoin and methylphenobarbitone. Lipson A, et al. **Cancer** 1985 May 1;55(9):1859-62

MEPIVACAINE

A way to understand erythromelalgia. Zoppi M, et al. **J Auton Nerv Syst** 1985 May;13(1):85-9

[Long-term experience with brachial plexus anesthesia] Gerstein J, et al. **Aktuel Traumatol** 1984 Oct;14(5):211-4 (Eng. Abstr.) **(Ger)**

[Peridural anesthesia with mepivacaine-CO2] Gött U, et al. **Reg Anaesth** 1985 Jul;8(3):50-3 (Eng. Abstr.) **(Ger)**

[Mepivacaine for axillary plexus anesthesia. Comparison of mepivacaine-CO2 and mepivacaine-HC1] Krebs P, et al. **Reg Anaesth** 1985 Apr;8(2):33-5 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Perivascular axillary block V: blockade following 60 ml of mepivacaine 1% injected as a bolus or as 30 + 30 ml with a 20-min interval. Vester-Andersen T, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):612-6

Femoral block with mepivacaine for muscle biopsy in malignant hyperthermia patients. Berkowitz A, et al. **Anesthesiology** 1985 May;62(5):651-2

ADVERSE EFFECTS

Impairment of postural stability following perivascular axillary block with mepivacaine. Kjaergård H, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):508-10

The neuronal basis for diplopia following local anesthetic injections. Kronman JH, et al. **Oral Surg Oral Med Oral Pathol** 1984 Nov;58(5):533-4

BLOOD

Plasma mepivacaine concentrations after caudal epidural and subarachnoid injection in the horse: comparative study. Skarda RT, et al. **Am J Vet Res** 1984 Oct;45(10):1967-71

CEREBROSPINAL FLUID

Spinal fluid concentrations of mepivacaine in horses and procaine in cows after thoracolumbar subarachnoid analgesia. Skarda RT, et al. **Am J Vet Res** 1985 May;46(5):1020-4

METABOLISM

Influence of bupivacaine on mepivacaine protein binding. Hartrick CT, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):546-50

Lidocaine and mepivacaine in cord blood. Walson PD, et al. **Pediatr Pharmacol (New York)** 1982;2(4):341-8

PHARMACODYNAMICS

Differential effects of phenylbutazone and local anesthetics on nociception in the equine. Kamerling SG, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):35-41

MEPROBAMATE

ADVERSE EFFECTS

[Central pancytopenia secondary to the ingestion of carbamates (letter)] Deumier B, et al. **Presse Med** 1985 Jan 12;14(1):46 **(Fre)**

[Responsibility of meprobamate in bone marrow aplasia (letter)] Evreux JC, et al. **Presse Med** 1985 Apr 6;14(14):793 **(Fre)**

BLOOD

Determination of meprobamate as an n-butylboronate ester derivative in serum by gas-liquid chromatography. Johansson B, et al. **J Chromatogr** 1985 Jun 14;341(2):462-4

METABOLISM

The pharmacokinetics of meprobamate following its oral and rectal administration as a series of combinations with diphenhydramine, acetylsalicylic acid, codeine and pentaerythritol tetranitrate. Gilbert JD, et al. **Arzneimittelforsch** 1984;34(10):1323-7

POISONING

Meprobamate overdosage. Dennison J, et al. **Hum Toxicol** 1985 Mar;4(2):215-7

[Acute meprobamate poisoning. Efficacy of peritoneal dialysis] Laroche B, et al. **Cah Anesthesiol** 1984 Dec;32(8):677-9 **(Fre)**

MEPTAZINOL see under **AZEPINES**

MERACTINOMYCIN see **DACTINOMYCIN**

MERBROMINE see under **FLUORESCEINS**

MERCAPTAMINE see **CYSTEAMINE**

MERCAPTO COMPOUNDS see **SULFHYDRYL COMPOUNDS**

2-MERCAPTOETHANESULFONATE see under **MERCAPTOETHANOL**

MERCAPTOETHANOL

The stability of the o-phthalaldehyde/2-mercaptoethanol derivatives of amino acids: an investigation using high-pressure liquid chromatography with a precolumn derivatization technique. Cooper JD, et al. **Anal Biochem** 1984 Oct;142(1):98-102

A new technique for retarding fading of fluorescence: DPX-BME. Franklin AL, et al. **Stain Technol** 1985 May;60(3):125-35

ANALOGS & DERIVATIVES

Bioavailability of orally administered mesna. Burkert H, et al. **Arzneimittelforsch** 1984;34(11):1597-600

Comparison of mesna with forced diuresis to prevent cyclophosphamide induced haemorrhagic cystitis in marrow transplantation: a prospective randomised study. Hows JM, et al. **Br J Cancer** 1984 Dec;50(6):753-6

Is coenzyme M bound to factor F430 in methanogenic bacteria? Experiments with Methanobrevibacter ruminantium. Hüster R, et al. **Eur J Biochem** 1985 Apr 1;148(1):107-11

Sodium-2-mercaptoethanesulfonate (MESNA) and ifosfamide nephrotoxicity [letter] Hilgard P, et al. **Eur J Cancer Clin Oncol** 1984 Nov;20(11):1451-2

Excretion of sodium 2-mercaptoethanesulphonate (MESNA) in the urine of volunteers after oral dosing. Jones MS, et al. **Eur J Cancer Clin Oncol** 1985 May;21(5):553-5

Acetate catabolism by Methanosarcina barkeri: evidence for involvement of carbon monoxide dehydrogenase, methyl coenzyme M, and methylreductase. Krzycki JA, et al. **J Bacteriol** 1985 Sep;163(3):1000-6

Identification of methyl coenzyme M as an intermediate in methanogenesis from acetate in Methanosarcina spp. Lovley DR, et al. **J Bacteriol** 1984 Nov;160(2):521-5

Reduced glutathione in Chinese hamster ovary cells protects against inactivation of 3-hydroxy-3-methylglutaryl coenzyme A reductase by 2-mercaptoethanol disulfide. Dotan I, et al. **J Cell Physiol** 1985 Jan;122(1):14-20

Determination of sodium 2-mercaptoethanesulphonate by high-performance liquid chromatography using post-column reaction colorimetry or electrochemical detection. Sidau B, et al. **J Chromatogr** 1984 Nov 9;311(1):234-8

Mistabron effects on platelets and blood coagulation. Henry RL, et al. **J Int Med Res** 1984;12(5):277-80

Ifosfamide, mesna, and encephalopathy [letter] **Lancet** 1985 Jun 15;1(8442):1398-9

Ifosfamide/mesa and encephalopathy [letter] Cantwell BM, et al. **Lancet** 1985 Mar 30;1(8431):752

Hypersensitivity to mesna [letter] Lang E, et al. **Lancet** 1985 Aug 10;2(8450):329

Encephalopathy associated with ifosphamide/mesna therapy [letter] Meanwell CA, et al. **Lancet** 1985 Feb 16;1(8425):406-7

Comparison of the effect of three oral mucolytics on the ultrastructure of the tracheal epithelium in rabbits. Konrádová V, et al. **Respiration** 1985;48(1):50-7

Bone marrow transplantation for Wiskott-Aldrich syndrome: report of 2 cases with use of 2-mercaptoethane sulfonate. Goldsobel AB, et al. **Transplantation** 1985 May;39(5):568-70

[Prevention of tumor formation in the bladder by sodium-2-mercaptoethane sulfonate (mesna). Experimental studies and clinical consequences] Schmähl D, et al. **Urologe [Ausg A]** 1984 Sep;23(5):291-6 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

Transmission and scanning electron microscopic studies of human sperm heads extracted with 8 M urea, 1% mercaptoethanol and different concentrations of salt. Sobhon P, et al. **Acta Anat (Basel)** 1984;120(4):220-7

PHARMACODYNAMICS

Solubility of copper and zinc containing proteins before and after 2-mercaptoethanol treatment of liver samples from normal and from chronically copper poisoned sheep. Hussein KS, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):247-51

Inhibition of sarcoplasmic reticulum Ca2+-ATPase by 2-mercaptoethanol. Georgoussi Z, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1196-200

Nucleotide sequence cleavages of manganese-bleomycin induced by reductant, hydrogen peroxide and ultraviolet light. Comparison with iron- and cobalt-bleomycins. Suzuki T, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):330-5

A thiol-activated hemolysin in gram-negative bacteria. Albesa I, et al. **Can J Microbiol** 1985 Mar;31(3):297-300

Elimination of pregnancy-specific beta 1-glycoprotein (SP1) containing complexes by mercaptoethanol. Sørensen S, et al. **Clin Chim Acta** 1984 Sep 15;142(1):137-43

In vivo normobaric oxygen exposure depresses spleen cell in vitro Con A response. Effects of 2-mercaptoethanol and peritoneal cells. Gougerot-Pocidalo MA, et al. **Clin Exp Immunol** 1984 Nov;58(2):428-35

Sensitivity of antibrucella antibody to 2-mercaptoethanol and heat. Rana UV, et al. **J Commun Dis** 1985 Mar;17(1):72-6

Effect of dietary 2-mercaptoethanol on the life span, immune system, tumor incidence and lipid peroxidation damage in spleen lymphocytes of aging BC3F1 mice. Heidrick ML, et al. **Mech Ageing Dev** 1984 Oct 31;27(3):341-58

2-Mercaptoethanol-dependent lipopolysaccharide-responsive B cells in nylon-wool-fractionated spleen cell preparations. Eastman AY, et al. **Scand J Immunol** 1985 Jan;21(1):35-41

[Structural changes in the mitotic apparatus of metaphase cells exposed to 2-mercaptoethanol in a porcine embryonic kidney cell culture. A light microscopy study] Bystrevskaia VB, et al. **Tsitologiia** 1984 Sep;26(9):996-1001 (Eng. Abstr.)

(Rus)

[Ultrastructure of the mitotic apparatus of metaphase cells in a pig embryo kidney tissue culture after stopping the action of 2-mercaptoethanol] Bystrevskaia VB, et al. **Tsitologiia** 1984 Oct;26(10):1095-102 (Eng. Abstr.) **(Rus)**

MERCAPTOETHYLAMINES

Pulse radiolysis studies of WR-1065. Ward JF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1533-6

Some electrostatic aspects of the interaction between DNA or lipids and WR-2721 or its metabolite WR-1065. Vasilescu D, et al. **Prog Clin Biol Res** 1985;172A:525-36

BLOOD

Measurement of WR-2721, WR-1065, and WR-33278 in plasma. Fahey RC, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1193-7

HPLC assay for 2-(3-aminopropylamino)ethanethiol (WR-1065) in plasma. McGovern EP, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1517-20

METABOLISM

Alkaline phosphatase promotes radioprotection and accumulation of WR-1065 in V79-171 cells incubated in medium containing WR-2721. Calabro-Jones PM, et al. **Int J Radiat Biol** 1985 Jan;47(1):23-7

Pharmacokinetics of WR-1065 in mouse tissue following treatment with WR-2721. Utley JF, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1525-8

PHARMACODYNAMICS

Structural requirements for specific inhibition of microsomal aminopeptidase by mercaptoamines. Pickering DS, et al. **Arch Biochem Biophys** 1985 Jun;239(2):368-74

Cystine depletion by WR-1065 in cystinotic cells. Mechanism of action. Butler JD, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2179-85

The radioprotector WR1065 reduces radiation-induced mutations at the hypoxanthine-guanine phosphoribosyl transferase locus in V79 cells. Grdina DJ, et al. **Carcinogenesis** 1985 Jun;6(6):929-31

Effects of AET, MEA, or 5-HT treatment before X-irradiation of pregnant C57BL mice. Mazur L. **Strahlentherapie** 1985 Jul;161(7):433-6

[Statistical aspects of the relation of the radioprotective action of mercaptoethylamine derivatives and analogs to their electron parameters] Mukhomorov VK. **Radiobiologiia** 1985 May-Jun;25(3):422-6 (Eng. Abstr.) **(Rus)**

MERCAPTOPHOS see **FENTHION**

3-MERCAPTOPROPIONIC ACID see under **SULFHYDRYL COMPOUNDS**

MERCAPTOPROPIONYLGLYCINE see under **AMINO ACIDS, SULFUR**

6-MERCAPTOPURINE

ADMINISTRATION & DOSAGE

Phase I and clinical pharmacological study of mercaptopurine administered as a prolonged intravenous infusion. Zimm S, et al. **Cancer Res** 1985 Apr;45(4):1869-73

[Evaluation of two methods of maintenance chemotherapy with methotrexate and 6-mercaptopurine for childhood acute lymphoblastic leukemia] Kawai S, et al. **Rinsho Ketsueki** 1984 Jun;25(6):819-26 (Eng. Abstr.) **(Jpn)**

[Effect of immunosuppressive, anticoagulant and anti-inflammatory agents on experimental glomerulonephritis. V. Purinethol, leukeran, encorton and curantyl] Lewandowska T, et al. **Patol Pol** 1984 Jan-Mar; 35(1):91-103 (Eng. Abstr.) **(Pol)**

ANALOGS & DERIVATIVES

[Problems with the Czechoslovak cytostatic agent Benin Spofa] Grafnetterová J, et al. **Cas Lek Cesk** 1985 Jun 28; 124(26):820-3 (Eng. Abstr.) **(Cze)**

[Determination of the tolerance and pharmacokinetics of butocin in persons with progressive polyarthritis] Buchar E, et al. **Cesk Farm** 1985 Jul;34(6):228-31 (Eng. Abstr.) **(Cze)**

ANALYSIS

Sensitive high-performance liquid chromatographic determination of 6-mercaptopurine, 6-thioguanine, 6-mercaptopurine riboside and 6-thioguanosine in biological fluids. van Baal JM, et al. **J Chromatogr** 1984 Dec 12;336(2):422-8

BLOOD

Kinetic model for disposition of 6-mercaptopurine in monkey plasma and cerebrospinal fluid. Covell DG, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R147-56

A rapid and sensitive high-performance liquid chromatographic assay for 6-mercaptopurine metabolites in red blood cells. Lavi LE, et al. **Anal Biochem** 1985 Feb 1;144(2):514-21

The use of xanthine oxidase for a specific and sensitive fluorimetric determination of 6-mercaptopurine in serum. Tawa R, et al. **Biochem Med** 1984 Dec;32(3):303-10

A novel method for the quantitation of 6-mercaptopurine in human plasma using high-performance liquid chromatography with fluorescence detection. Burton NK, et al. **J Chromatogr** 1984 Aug 10;309(2):409-14

[Study on monitoring of the plasma 6-MP level] Shimizu N, et al. **Rinsho Ketsueki** 1985 Jan;26(1):42-6 (Eng. Abstr.) **(Jpn)**

METABOLISM

Identification of 6-mercaptopurine riboside in patients receiving 6-mercaptopurine as a prolonged intravenous infusion. Zimm S, et al. **Biochem Pharmacol** 1984 Dec 15; 33(24):4089-92

Ocular pharmacokinetics of subconjunctivally versus intravenously administered 6-mercaptopurine. Gudauskas G, et al. **Can J Ophthalmol** 1985 Apr;20(3):110-3

Cellular pharmacokinetics of mercaptopurine in human neoplastic cells and cell lines. Zimm S, et al. **Cancer Res** 1985 Sep;45(9):4156-61

Conversion of 6-mercaptopurine to 6-thioguanylic acid in L-1210 cells and human leukemia cells. Uchida M, et al. **Gann** 1985 Feb;76(2):124-30

[6-Mercaptopurine and methotrexate, rational use in sight after 35 years?] Bökkerink JP, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):118-23 (Eng. Abstr.) **(Dut)**

[Pharmacokinetics of 6-mercaptopurine in rats during postnatal development] Wierzba K, et al. **Probl Med Wieku Rozwoj** 1984;13:207-12 (Eng. Abstr.) **(Pol)**

PHARMACODYNAMICS

The quantitative determination of metabolites of 6-mercaptopurine in biological materials. VI. Evidence for posttranscriptional modification of 6-thioguanosine residues in RNA from L5178Y cells treated with 6-mercaptopurine. Breter HJ. **Biochim Biophys Acta** 1985 May 24;825(1):39-44

The effects of 6-mercaptopurine nucleotide derivatives on the growth and survival of 6-mercaptopurine-sensitive and -resistant cell culture lines. Johnston HP, et al. **Br J Cancer** 1985 Apr;51(4):505-14

Strength of the human mixed lymphocyte reaction (MLR) and its suppression by azathioprine or 6-mercaptopurine. Al-Safi SA, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):105-7

Suppressor macrophages in tumor-bearing mice and their selective inhibition by 6-mercaptopurine. Kataoka T, et al. **Cancer Res** 1985 May;45(5):2139-44

Production of antitumor T-cells in tumor-bearing mice treated with tumor vaccine and 6-mercaptopurine. Kataoka T, et al. **Cancer Res** 1985 Jul;45(7):2962-6

Muscle atrophy and histopathology of the soleus in 6-mercaptopurine-treated rats. Jaweed MM, et al. **Exp Mol Pathol** 1985 Aug;43(1):74-81

Influence of hepatic oxidative metabolism on the immunosuppressive activities of 6-thiopurines. Abraham RT, et al. **J Pharmacol Exp Ther** 1985 Sep;234(3):670-6

[Effect promoting the rejection of an allograft of skin in rabbits treated with a high dose of 6-mercaptopurine] Losacco T, et al. **Chir Ital** 1983 Aug;35(4):610-4 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Influence of some sulfhydryl compounds on the antineoplastic effectiveness of 5-fluorouracil and 6-mercaptopurine. Danysz A, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(3):345-9

Layer on layer: the Bruce F. Cain memorial Award lecture. Hitchings GH, et al. **Cancer Res** 1985 Jun;45(6):2415-20

Treatment of small cell lung cancer with 6-mercaptopurine: a phase II study. Hansen SW, et al. **Cancer Treat Rep** 1985 May;69(5):555

Favorable effect of 6-mercaptopurine on fistulae of Crohn's disease. Korelitz BI, et al. **Dig Dis Sci** 1985 Jan;30(1):58-64

Bullous pemphigoid in a dog: treatment with six-mercaptopurine. White SD, et al. **J Am Vet Med Assoc** 1984 Sep 15;185(6):683-6

The effect of 6-mercaptopurine on natural killer-cell activities in Crohn's disease. Brogan M, et al. **J Clin Immunol** 1985 May;5(3):204-11

[Pregnancy and childbirth in a mother with active histiocytosis] Tapià JE, et al. **Schweiz Med Wochenschr** 1985 Jul 27;115(30):1060-4 (Eng. Abstr.) **(Ger)**

TOXICITY

The effect of some sulfhydryl compounds on the toxicity of 5-fluorouracil and 6-mercaptopurine in laboratory animals. Danysz A, et al. **Acta Pol Pharm** 1984;41(5):571-4

Investigating the myopathic effects of 6-mercaptopurine on developing skeletal muscle cells in vitro. Yander G, et al. **Drug Chem Toxicol** 1984;7(2):177-92

Effect of the anticarcinogenic drug 6-mercaptopurine on mineral metabolism in the mouse. Amemiya K, et al. **Toxicol Lett** 1985 Apr;25(1):55-62

MERCAPTOVALINE see **PENICILLAMINE**

MERCAPTURIC ACID see **ACETYLCYSTEINE**

MERCURIBENZOATES

PHARMACODYNAMICS

Effect of sulfhydryl modification on the activities of rat liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase. El-Maghrabi MR, et al. **J Biol Chem** 1984 Nov 10; 259(21):13104-10

MERCURIC CHLORIDE

Immune-mediated glomerulonephritis induced by mercuric chloride in mice. Eneström S, et al. **Experientia** 1984 Nov 15;40(11):1234-40

Comparative microangiographic studies of glycerol- and mercuric chloride-induced acute renal failure in rats. Clark RL, et al. **Invest Radiol** 1984 Mar-Apr;19(2):96-109

A simple and rapid method for preparation of 203Hg-labeled methylmercury from 203HgCl2 and methylcobalamin. Naganuma A, et al. **J Pharmacobiodyn** 1985 Jan;8(1):69-72

Renal mercury content in HgCl2-induced acute renal failure in furosemide/saline-protected and nonprotected rats. Brunner FP, et al. **Nephron** 1985;41(1):94-9

ADMINISTRATION & DOSAGE

[Studies on the behavior of mercury and selenium in blood of mice injected with those elements] Yamamoto I. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):227-40 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

The efficacy of agents employed to prevent anastomotic recurrence in colorectal carcinoma [letter] Gelister JS, et al. **Ann R Coll Surg Engl** 1985 Jul;67(4):267

Ammoniated mercury membranous nephropathy. Jeddeloh RJ, et al. **Minn Med** 1985 Aug;68(8):591-2

Comparison between mannitol and saline infusion in HgCl2-induced acute renal failure. Vanholder R, et al. **Nephron** 1984;38(3):193-201

ANTAGONISTS & INHIBITORS

Selenium prevents mercuric chloride induced acute osmoregulatory failure without glutathione peroxidase involvement in the black bullhead (Ictalurus melas). Heisinger JF, et al. **Comp Biochem Physiol** [C] 1985; 80(2):295-7

METABOLISM

Organ and cellular distribution of inhaled metallic mercury in the rat and Marmoset monkey (Callithrix jacchus): influence of ethyl alcohol pretreatment. Khayat A, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):145-52

Mercury uptake in vivo by normal and acatalasemic mice exposed to metallic mercury vapor (203Hg degrees) and injected with metallic mercury or mercuric chloride (203HgCl2). Ogata M, et al. **Arch Environ Health** 1985 May-Jun;40(3):151-4

Effect of various amounts of selenium on the metabolism of mercuric chloride in mice. Yamamoto I. **Biochem Pharmacol** 1985 Aug 1;34(15):2713-20

Determination of mercury and organomercurial resistance in obligate anaerobic bacteria. Rudrik JT, et al. **Can J Microbiol** 1985 Mar;31(3):276-81

Binding and uptake of mercuric chloride in human lymphoid cells. Nordlind K. **Int Arch Allergy Appl Immunol** 1985; 77(4):405-8

[Transformation reactions of special metals in organisms and in the environment. 3. In vivo reactions between mercury II chloride and monomethyltin trichloride in rats] Woggon H, et al. **Nahrung** 1984;28(9):995-1002 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Enhancement of radiation effects by mercury in preimplantation mouse embryos in vitro. Müller WU, et al. **Arch Toxicol** 1985 Jun;57(2):114-8

Induction of anti-nuclear antibodies by mercuric chloride in mice. Robinson CJ, et al. **Clin Exp Immunol** 1984 Nov; 58(2):300-6

Effect of mercuric ion on attraction to light of artemia sp nauplii. Saunders JP, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):112-20

In vivo self-reactivity of mononuclear cells to T cells and macrophages exposed to HgCl2. Pelletier L, et al. **Eur J Immunol** 1985 May;15(5):460-5

The comparative effects of methylmercuric chloride and mercuric chloride upon DNA synthesis in mouse fetal astrocytes in vitro. Choi BH, et al. **Exp Mol Pathol** 1984 Dec;41(3):371-6

Contrasting effects of gentamicin and mercuric chloride on urinary excretion of enzymes and phospholipids in the rat. Josepovitz C, et al. **Lab Invest** 1985 Apr;52(4):375-86

Studies on porphyrin metabolism in the kidney. Effects of trace metals and glutathione on renal uroporphyrinogen decarboxylase. Woods JS, et al. **Mol Pharmacol** 1984 Sep; 26(2):336-41

Acute effects of mercuric compounds on preimplantation mouse embryos in vitro. Katayama S, et al.

Nippon Sanka Fujinka Gakkai Zasshi 1984 Oct; 36(10):1957-62

[Inhibition by methyl mercury chloride and mercuric chloride of the in vitro polymerization of microtubules] de Saint-Georges L, et al. **C R Soc Biol (Paris)** 1984; 178(5):562-6 (Eng. Abstr.) **(Fre)**

POISONING

Intracellular accumulation of mercury in the anterior pituitary of rats exposed to mercuric chloride. Thorlacius-Ussing O, et al. **Exp Mol Pathol** 1985 Apr; 42(2):278-86

Haematological findings in the rat following administration of nephrotoxic doses of mercuric chloride. Berger J. **Haematologia (Budap)** 1985;18(1):53-62

Haemodialysis and charcoal haemoperfusion in acute inorganic mercury poisoning. Worth DP, et al. **Postgrad Med J** 1984 Sep;60(707):636-8

[DMSP treatment in acute sublimate (mercury chloride) poisoning] Nadig J, et al. **Schweiz Med Wochenschr** 1985 Apr 13;115(15):507-11 (Eng. Abstr.) **(Ger)**

TOXICITY

Effects of mercuric chloride on several scavenging enzymes in rat kidney and influence of vitamin E supplementation. Addya S, et al. **Acta Vitaminol Enzymol** 1984;6(2):103-7

Cardiovascular homeostasis in rats chronically exposed to mercuric chloride. Carmignani M, et al. **Arch Toxicol [Suppl]** 1984;7:383-8

Inhibitory effects of calmodulin antagonists on urinary enzyme excretion in rats after nephrotoxic doses of mercuric chloride. Harrison SD Jr, et al. **Bull Environ Contam Toxicol** 1985 Mar;34(3):432-7

Protective effect of molybdenum on the acute toxicity of mercuric chloride. III. Koizumi T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2316-24

In vivo accumulation and effects of mercuric chloride on tissue phosphatases of Notopterus notopterus. Verma SR, et al. **Clin Physiol Biochem** 1985;3(4):199-203

Effects of mercury-selenium antagonism on mammalian cell division. Das SK, et al. **Cytobios** 1985;42(169S):271-8

Mercuric chloride intoxication in freshwater prawn. II. Effect on phosphatases activity. Murti R, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):581-6

Effect of administration sequence of mercuric chloride and sodium selenite on their fates and toxicities in mice. Naganuma A, et al. **Ecotoxicol Environ Safety** 1984 Dec; 8(6):572-80

Effects of mercury on acetylcholinesterase (E.C. 3.1.1.7.) activity of erythrocytes and bone marrow in rats. Miszta H. **Folia Haematol (Leipz)** 1984;111(5):632-7

Mercury and the activity of erythrocyte and bone marrow glutathione reductase (E.C. 1.6.4.2.) and glucose-6-phosphate dehydrogenase (E.C. 1.1.1.49) in rats. Miszta H. **Folia Haematol (Leipz)** 1984;111(5):638-44

Effect of time intervals of selenium administration after injection of mercuric chloride on toxicity and renal concentration of mercury in mice. Naganuma A, et al. **Ind Health** 1984;22(2):91-6

Free radical scavengers in mercuric chloride-induced acute renal failure in the rat. Paller MS. **J Lab Clin Med** 1985 Apr;105(4):459-63

Mechanism of HgCl2 cytotoxicity in cultured mammalian cells. Cantoni O, et al. **Mol Pharmacol** 1984 Sep;26(2):360-8

Proton NMR spectra of urine as indicators of renal damage. Mercury-induced nephrotoxicity in rats. Nicholson JK, et al. **Mol Pharmacol** 1985 Jun;27(6):644-51

Comparative in vitro cytogenetic studies in mercury-exposed human lymphocytes. Verschaeve L, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):221-6

Renal mercury content in HgCl2-induced acute renal failure in furosemide/saline-protected and nonprotected rats. Brunner FP, et al. **Nephron** 1985;41(1):94-9

Interaction of potassium dichromate with the nephrotoxins, mercuric chloride and citrinin. Baggett JM, et al. **Toxicology** 1984 Nov;33(2):157-69

[Comparative study of circadian changes in the mortality induced by mercuric chloride and cadmium sulphate in mice] Cal JC, et al. **Ann Pharm Fr** 1984;42(5):487-94 (Eng. Abstr.) **(Fre)**

[Studies on the nephrotoxicity of aminoglycoside antibiotics and protection from these effects. (1). Nephrotoxicity of gentamicin and mercuric chloride] Kojima R, et al. **Nippon Yakurigaku Zasshi** 1984 Nov;84(5):453-62 (Eng. Abstr.) **(Jpn)**

[Embryo- and gonadotoxicity of various halogenated derivatives of inorganic mercury] Bariliak IR, et al. **Gig Sanit** 1984 Oct;(10):65-7 **(Rus)**

[Sanitary standardization of inorganic mercury compounds in the air in the work area] Trakhtenberg IM, et al. **Gig Tr Prof Zabol** 1984 Dec;(12):37-41 (Eng. Abstr.) **(Rus)**

MERCURY

Cinnabar-gold as the best alchemical drug of longevity, called Makaradhwaja in India. Mahdihassan S. **Am J Chin Med** 1985;13(1-4):93-108

The random-zero versus the standard mercury sphygmomanometer: a systematic blood pressure difference. de Gaudemaris R, et al. **Am J Epidemiol** 1985 Feb;121(2):282-90

Selective isolation of mercurated DNA by affinity chromatography on thiol matrices. Banfalvi G, et al. **Anal Biochem** 1985 Apr;146(1):64-70

Methylation and demethylation of mercury under controlled redox, pH and salinity conditions. Compeau G, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1203-7

Comparison of HgO and CuSO4 as digestion catalysts in manual Kjeldahl determination of crude protein in animal feeds: collaborative study. Kane PF. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):869-77

A method for covalent insertion of mercury into the cysteine disulfide bridges of proteins. Marston AW, et al. **J Biochem Biophys Methods** 1984 Sep;9(4):307-14

A mortality study of men exposed to elemental mercury. Cragle DL, et al. **J Occup Med** 1984 Nov;26(11):817-21

Improvement in conditions at an amalgamation plant after an industrial hygiene survey. Rendall RE, et al. **S Afr Med J** 1984 Sep 15;66(11):413-4

[An aqueous solution of 1% PVP-I in the campaign against mercury pollution] De Clerck JP. **Can Dent Assoc J** 1984 Dec;50(12):909-12 (Eng. Abstr.) **(Fre)**

[R-factors of mercury resistance in bacteria isolated in the mercury-antimony deposit region] Khesin RB. **Mol Biol (Mosk)** 1985 Mar-Apr;19(2):505-15 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Fertility of male workers exposed to mercury vapor or to manganese dust: a questionnaire study. Lauwerys R, et al. **Am J Ind Med** 1985;7(2):171-6

Female reproductive health in two lamp factories: effects of exposure to inorganic mercury vapour and stress factors. De Rosis F, et al. **Br J Ind Med** 1985 Jul;42(7):488-94

The misuse of the patch test to determine 'hypersensitivity' to mercury amalgam dental fillings. Fisher AA. **Cutis** 1985 Feb;35(2):110, 112, 117

Charging people's batteries. Huggins HA. **Int J Orthod** 1984 Dec;22(4):14-7

Hypersensitivity to mercury from dental amalgams. Mackert JR Jr. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):877-80

Recommendations in dental mercury hygiene, 1984. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Oct;109(4):617-9

An unusual case of mercury contamination. Dale IM. **J Soc Occup Med** 1985 Autumn;35(3):95-7

[Toxiderma caused by the topical administration of mercuric sulfate ointment] Vitenchuk SZ, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):61-3 (Eng. Abstr.) **(Rus)**

ANALYSIS

Graphite-furnace atomic absorption method for trace-level determination of total mercury. Keller BJ, et al. **Anal Chem** 1984 Nov;56(13):2617-8

Spectrophotometric determination of mercury in zinc blende and pharmaceutical preparations with 1-salicylidene-5-(2-pyridylmethylidene)isothiocarbonohydrazide. Rosales D, et al. **Anal Chem** 1985 Jun;57(7):1411-5

Decomposition of marine biological tissues for determination of arsenic, selenium, and mercury using hydride-generation and cold-vapor atomic absorption spectrometries. Welz B, et al. **Anal Chem** 1985 Feb;57(2):427-31

Determination of mercury in Chinese medicinal pills by cold vapour atomic-absorption spectrometry. Lau OW, et al. **Analyst** 1985 May;110(5):483-5

Residue levels of polychlorobiphenyls, sigmaDDT, and mercury in bird species commonly preyed upon by the peregrine falcon (Falco peregrinus Tunst.) in Sweden. Lindberg P, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):203-12

The octanol/water distribution of mercury compounds. Halbach S. **Arch Toxicol** 1985 Jun;57(2):139-41

Levels of selenium in relation to levels of mercury in fish from Mjøsa, a freshwater lake in southeastern Norway. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Apr; 34(4):572-7

Mercury content of head hair from residents on the coast of Jakarta Bay. Ohno H, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):382-5

Mercury in human breath from dental amalgams. Patterson JE, et al. **Bull Environ Contam Toxicol** 1985 Apr; 34(4):459-68

Mercury in dental offices. Survey in Vancouver, B.C. Roydhouse RH, et al. **Can Dent Assoc J** 1985 Feb; 51(2):156-8

Mercury dispersion from Minamata Bay to the Yatsushiro Sea during 1975-1980. Kudo A, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):507-10

A long-term survey of environmental, blood and urine mercury levels and clinical findings in workers manufacturing mercury relays. Gonzalez-Fernandez E, et al. **Ind Health** 1984;22(2):97-106

Neutron activation determination of mercury in waters after preconcentration by flotation of dithizone-mercury complexes. Feng X, et al. **Int J Environ Anal Chem** 1985; 19(4):273-80

Normal organic and inorganic mercury levels in the human feto-placental system. Suzuki T, et al. **J Appl Toxicol** 1984 Oct;4(5):249-52

Serial measurements of intra-oral air mercury: estimation of daily dose from dental amalgam. Vimy MJ, et al. **J Dent Res** 1985 Aug;64(8):1072-5

Intra-oral air mercury released from dental amalgam. Vimy MJ, et al. **J Dent Res** 1985 Aug;64(8):1069-71

Silver amplification of mercury sulfide and selenide: a histochemical method for light and electron microscopic localization of mercury in tissue. Danscher G, et al. **J Histochem Cytochem** 1985 Mar;33(3):219-28

Mercury vapor produced during sterilization of amalgam-contaminated instruments. Cooley RL, et al. **J Prosthet Dent** 1985 Mar;53(3):304-8

Prediction of kidney mercury content by isotope techniques. Hursh JB, et al. **Kidney Int** 1985 Jun;27(6):898-907

Maximum contents of mercury in dental silver amalgams. Jensen SJ. **Scand J Dent Res** 1985 Feb;93(1):84-8

Mercury in the open Mediterranean: evidence of contamination? Aston SR, et al. **Sci Total Environ** 1985 May;43(1-2):13-26 (41 ref.)

Man's mercury loading from a dental amalgam. Brune D, et al. **Sci Total Environ** 1985 Jul;44(1):51-63

Mercury in feathers of wild birds from the mercury-polluted area along the shore of the Shiranui Sea, Japan. Doi R, et al. **Sci Total Environ** 1984 Dec;40:155-67

Selenium and its interrelation with mercury in wholeblood and hair in an East Greenlandic population. Hansen JC, et al. **Sci Total Environ** 1984 Sep;38:33-40

[Mercury vapors in dental practice] Wirz J, et al. **Schweiz Monatsschr Zahnmed** 1985 Apr;95(4):261-80 (Eng. Abstr.) **(Ger)**

[The amount of mercury, cadmium and lead found in meals in communities of the city of Rome] Melchiorri C, et al. **Nuovi Ann Ig Microbiol** 1984 Jan-Feb;35(1):3-12 (Eng. Abstr.) **(Ita)**

[Comparative determination of the total mercury in food by the dithizone method and flameless atomic-absorption spectrophotometry] Nabrzyski M, et al. **Rocz Panstw Zakl Hig** 1984;35(2):125-30 (Eng. Abstr.) **(Pol)**

[Evaluation of the daily intake of mercury, lead and cadmium in the meals of selected population groups] Olejnik D, et al. **Rocz Panstw Zakl Hig** 1985;36(1):9-21 (Eng. Abstr.) **(Pol)**

[Chemical contamination of daily meals of selected population groups. I. Preliminary analysis of mercury, lead, cadmium and polychlorinated biphenyls (PCB) in daily food rations from selected students' cafeteria] Smoczyński S, et al. **Rocz Panstw Zakl Hig** 1984;35(3):209-16 (Eng. Abstr.) **(Pol)**

[Cadmium, lead and mercury content of food in student cafeterias] Szymczak J, et al. **Rocz Panstw Zakl Hig** 1984; 35(4):327-32 (Eng. Abstr.) **(Pol)**

BLOOD

[The surgical treatment of large eventrations using skin homografts preserved in cialit] Schneider S. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):191-4 (Eng. Abstr.) **(Fre)**

[Studies on the behavior of mercury and selenium in blood of mice injected with those elements] Yamamoto I. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):227-40 (Eng. Abstr.) **(Jpn)**

HISTORY

Tan, cinnabar, as drug of longevity prior to alchemy. Mahdihassan S. **Am J Chin Med** 1984 Summer;12(1-4):50-4

ISOLATION & PURIFICATION

Rapid method for removal of inorganic mercury contained in methylmercury preparation using CM-Sephadex minicolumn. Naganuma A, et al. **Ind Health** 1985;23(1):71-3

METABOLISM

Effect of sodium diethyldithiocarbamate on placental passage and foetal distribution of cadmium and mercury in mice. Jasim S, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Oct; 55(4):263-9

The relationship of ingested iron to the absorption of mercuric oxide. Barber TE, et al. **Am J Emerg Med** 1984 Nov;2(6):500-3

Mercury uptake in vivo by normal and acatalasemic mice exposed to metallic mercury vapor (203Hg degrees) and injected with metallic mercury or mercuric chloride (203HgCl2). Ogata M, et al. **Arch Environ Health** 1985 May-Jun;40(3):151-4

Effects of diet on mercury metabolism and excretion in mice given methylmercury: role of gut flora. Rowland IR, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):401-8

Placental transfer and fetal distribution of cadmium and mercury after treatment with dithiocarbamates. Danielsson BR. **Arch Toxicol** 1984 Sep;55(3):161-7

The effect of 2,3-dimercaptopropane sodium sulfonate on mercury retention in rats in relation to age. Kostial K, et al. **Arch Toxicol** 1984 Oct;55(4):250-2

The influence of administered mass on the subcellular distribution and binding of mercury in rat liver and kidney. Planas-Bohne F, et al. **Arch Toxicol** 1985 Feb;56(4):242-6

Effects of combined administration of thiol compounds and methylmercury chloride on mercury distribution in rats. Hirayama K. **Biochem Pharmacol** 1985 Jun 1;34(11):2030-2

Effect of lead on tissue deposition of mercury in mice. Sin

YM, et al. **Bull Environ Contam Toxicol** 1985 Mar; 34(3):438-45
Storage of Hg in the ileum of Blatella germanica: biochemical characterization of metallothionein. Bouquegneau JM, et al. **Comp Biochem Physiol [C]** 1985;80(1):95-8
Avian species differences in the intestinal absorption of xenobiotics (PCB, dieldrin, Hg2+). Serafin JA. **Comp Biochem Physiol [C]** 1984;78(2):491-6
Cellular uptake and subcellular distribution of mercury in chick embryonic retinal cell aggregates. Yoneyama M, et al. **Ecotoxicol Environ Safety** 1985 Aug;10(1):112-9
Effect of time intervals of selenium administration after injection of mercuric chloride on toxicity and renal concentration of mercury in mice. Naganuma A, et al. **Ind Health** 1984;22(2):91-6
Clearance of parenterally administered 203Hg from the mouse tissues. Mehra M, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):127-30
Cellular distribution of inorganic mercury and its relation to cytotoxicity in bovine kidney cell cultures. Bracken WM, et al. **J Toxicol Environ Health** 1984;13(4-6):865-77
Renal mercury content in HgCl2-induced acute renal failure in furosemide/saline-protected and nonprotected rats. Brunner FP, et al. **Nephron** 1985;41(1):94-9
Mercury concentration in the blood and organs of normal and acatalasemic mice after intraperitoneal injection of metallic mercury (203Hg0). Ogata M, et al. **Physiol Chem Phys Med NMR** 1984;16(1):71-3
Effects of substituted dithiocarbamates on distribution and excretion of inorganic mercury in mice. Gale GR, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):293-6
Relation of mercury exposure to elemental mercury levels in the urine and blood. Yoshida M. **Scand J Work Environ Health** 1985 Feb;11(1):33-7
Influence of dietary ingredients on the body retention of strontium, cadmium and mercury in suckling rats. Kostial K, et al. **Toxicol Lett** 1984 Nov;23(2):163-8
[Effects of dimercaptosuccinic acid on binding of mercury with protein in rats] Liang YY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):273-8 (Eng. Abstr.) **(Chi)**
[Effects of dimercaptosuccinic acid on the binding of mercury with protein in rats] Liang YY, et al. **Chung Kuo Yao Li Hsueh Pao** 1984 Dec;5(4):273-8 (Eng. Abstr.) **(Chi)**

PHARMACODYNAMICS

Preparation of a DNA gene probe for detection of mercury resistance genes in gram-negative bacterial communities. Barkay T, et al. **Appl Environ Microbiol** 1985 Mar; 49(3):686-92
Influence of salts and temperature on the transfer of mercury resistance from a marine pseudomonad to Escherichia coli. Gauthier MJ, et al. **Appl Environ Microbiol** 1985 Jul; 50(1):38-40
Inhibition of aortic vessel adenosine diphosphate degradation by cadmium and mercury. Togna G, et al. **Arch Toxicol [Suppl]** 1984;7:378-81
The structure of the mer operon. Barrineau P, et al. **Basic Life Sci** 1985;30:707-18
Fusion of phospholipid vesicles induced by Zn2+, Cd2+, and Hg2+. Barfield KD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):389-95
Enzymatically active zinc, copper and mercury derivatives of the one-iron form of pig allantoic fluid acid phosphatase. Beck JL, et al. **Biochim Biophys Acta** 1984 Dec 21; 791(3):357-63
Fetotoxicity of inorganic mercury in the mouse: distribution and effects on nutrient uptake by placenta and fetus. Danielsson BR, et al. **Biol Res Pregnancy Perinatol** 1984; 5(3):102-9
Inhibition of microtubule polymerization by micromolar concentrations of mercury (II). Keates RA, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):814-8
An evaluation of the compatibility between aluminium Finn Chambers and various mercurials dissolved in water or dispersed in petrolatum. Lachapelle JM, et al. **Derm Beruf Umwelt** 1985;33(1):12-4
Lead and mercury toxicity and the rod light response. Tessier-Lavigne M, et al. **Invest Ophthalmol Vis Sci** 1985 Aug;26(8):1117-23
Mercuric and cadmium ions stimulate phosphorylation of band 4.2 protein on human erythrocyte membranes. Suzuki K, et al. **J Biol Chem** 1985 Apr 10;260(7):4526-30
Mercury-resistant plasmids in bacteria from a mercury and antimony deposit area. Khesin RB, et al. **MGG** 1984; 197(2):280-5
Heavy metals: effects on synaptic transmission. Cooper GP, et al. **Neurotoxicology (Park Forest Il)** 1984 Fall;5(3):247-66
Studies on heavy-metal resistance in clinical isolates of Proteus mirabilis. Nakahara H, et al. **Nippon Eiseigaku Zasshi** 1984 Dec;39(5):812-8
Mercuric ion-resistance operons of plasmid R100 and transposon Tn501: the beginning of the operon including the regulatory region and the first two structural genes. Misra TK, et al. **Proc Natl Acad Sci USA** 1984 Oct; 81(19):5975-9
[Permeability of amalgam capsules for mercury vapors] Vesely V, et al. **Schweiz Monatsschr Zahnmed** 1984 Jun; 94(6):511-23 (Eng. Abstr.) **(Ger)**
[Formation of bacterial resistances to heavy metals in the environment] Thriene B, et al. **Z Gesamte Hyg** 1985 Feb; 31(2):109-11 (Eng. Abstr.) **(Ger)**
[Effect of cadmium, zinc, lead and mercury on enzyme activity in Saccharomyces cerevisiae] Grafl HJ, et al. **Zentralbl Mikrobiol** 1985;140(1):3-11 (Eng. Abstr.) **(Ger)**

STANDARDS

[Experimental basis for maximum permissible concentrations of water-soluble mercury compounds in atmospheric air] Ermachenko AB, et al. **Gig Sanit** 1984 Sep;(9):11-3 (Eng. Abstr.) **(Rus)**

TOXICITY

Biochemical responsiveness of a bovine kidney cell line to inorganic mercury. Bracken WM, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):509-15
Onset of mercury toxicity in young chickens. Grissom RE Jr, et al. **Arch Environ Contam Toxicol** 1985 Mar; 14(2):193-6
Organochlorine pesticide, polychlorobiphenyl, and mercury residues in bald eagle eggs--1969-79--and their relationships to shell thinning and reproduction. Wiemeyer SN, et al. **Arch Environ Contam Toxicol** 1984 Sep; 13(5):529-49
Low levels of mercury inhibit the respiratory burst in human polymorphonuclear leukocytes. Malamud D, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1145-51
Interaction of mercury and water deprivation on growth, feed consumption, and mortality in chickens. Grissom RE Jr, et al. **Bull Environ Contam Toxicol** 1984 Sep; 33(3):317-24
Interaction effects of mercury-pesticide combinations towards a cyanobacterium. Stratton GW. **Bull Environ Contam Toxicol** 1985 May;34(5):676-83
The effect of mercuric acetate on selected enzymes of maternal and fetal hamsters at different gestational ages. Karp WB, et al. **Environ Res** 1985 Apr;36(2):351-8
Natural selection for resistance to mercury pollution. Baker R, et al. **Experientia** 1985 May 15;41(5):697-9
Mercuric reductase structural genes from plasmid R100 and transposon Tn501: functional domains of the enzyme. Misra TK, et al. **Gene** 1985;34(2-3):253-62
Physical and genetic map of the organomercury resistance (Omr) and inorganic mercury resistance (Hgr) loci of the IncM plasmid R831b. Ogawa HI, et al. **Gene** 1984 Dec; 32(3):311-20
Erythrocyte pyrimidine 5'-nucleotidase activity in workers exposed to lead, mercury or cadmium. Mohammed-Brahim B, et al. **Int Arch Occup Environ Health** 1985;55(3):247-52
Lack of synergistic effect between arsenic, mercury and ethyl methane sulfonate on the frequency of chromosomal aberrations in mice. Poma K, et al. **J Appl Toxicol** 1984 Dec;4(6):293-6
Some mercurial resistance plasmids from different incompatibility groups specify merR regulatory functions that both repress and induce the mer operon of plasmid R100. Foster TJ, et al. **J Bacteriol** 1985 May;162(2):773-6
The DNA sequence of the mercury resistance operon of the IncFII plasmid NR1. Barrineau P, et al. **J Mol Appl Genet** 1984;2(6):601-19
The interaction of mercurials with myelin: comparison of in vitro and in vivo effects. Ganser AL, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):63-77
[Environmental pollution with mercury---health problems. I. Sources and transformation of mercury in the environment] Ludwicki JK. **Rocz Panstw Zakl Hig** 1984; 35(6):489-98 (Eng. Abstr.) **(Pol)**
[Embryo- and gonadotoxicity of various halogenated derivatives of inorganic mercury] Bariliak IR, et al. **Gig Sanit** 1984 Oct;(10):65-7 **(Rus)**

URINE

Surveillance of workers exposed to mercury vapour:validation of a previously proposed biological threshold limit value for mercury concentration in urine. Roels H, et al. **Am J Ind Med** 1985;7(1):45-71
Diurnal variations in urinary mercury excretion. Calder IM, et al. **Hum Toxicol** 1984 Dec;3(6):463-7
Urinary mercury levels in US dentists, 1975-1983: review of Health Assessment Program. Naleway C, et al. **J Am Dent Assoc** 1985 Jul;111(1):37-42

MERCURY DICHLORIDE see **MERCURIC CHLORIDE**

MERCURY POISONING

The amelioration of mercury-induced embryotoxic effects by simultaneous treatment with zinc. Gale TF. **Environ Res** 1984 Dec;35(2):405-12
Haemodialysis and charcoal haemoperfusion in acute inorganic mercury poisoning. Worth DP, et al. **Postgrad Med J** 1984 Sep;60(707):636-8
Metallic mercury poisoning. Kamitsuka M, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:5-7
[Risks and toxicity of mercury pollution] Melino C. **Clin Ter** 1984 Sep 15;110(5):487-93 **(Ita)**

COMPLICATIONS

Induced hyperglycemia protects against mercury nephrotoxicity in the rat. Shyh TP, et al. **Trans Am Soc Artif Intern Organs** 1984;30:260-3
[Morvan's fibrillary chorea and acrodynic syndrome following mercury treatment] Gil R, et al. **Rev Neurol (Paris)** 1984;140(12):728-33 (Eng. Abstr.) **(Fre)**
[Contamination of the environment with mercury--its health problems. II. Toxic effects of mercury and its compounds] Ludwicki JK. **Rocz Panstw Zakl Hig** 1985;36(1):1-8 (47 ref.) (Eng. Abstr.) **(Pol)**
[Embryotoxic and teratogenic effects of mercury] Sikorski R, et al. **Wiad Lek** 1984 Oct 15;37(20):1617-23 (80 ref.) (Eng. Abstr.) **(Pol)**

DIAGNOSIS

Prognosis of mercury poisoning in mercury refinery workers. He FS, et al. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):389-93
The misuse of the patch test to determine 'hypersensitivity' to mercury amalgam dental fillings. Fisher AA. **Cutis** 1985 Feb;35(2):110, 112, 117
Subclinical effects of exposure to inorganic mercury revealed by somatosensory-evoked potentials. Lamm O, et al. **Eur Neurol** 1985;24(4):237-43
[Nail dyschromia as the leading symptom in chronic mercury poisoning caused by a cosmetic bleaching preparation] Böckers M, et al. **Z Hautkr** 1985 May 15;60(10):821-9 (Eng. Abstr.) **(Ger)**
[The clinical significance of human alpha 1-microglobulin in heavy metal poisonings] Itoh Y, et al. **Rinsho Byori** 1984 Jun;32(6):625-8 **(Jpn)**

ETIOLOGY

Surveillance of workers exposed to mercury vapour:validation of a previously proposed biological threshold limit value for mercury concentration in urine. Roels H, et al. **Am J Ind Med** 1985;7(1):45-71
Neurotoxicity of certain environmental substances. Taylor JR. **Clin Lab Med** 1984 Sep;4(3):489-97
Cutaneous mercury granuloma. A clinicopathologic study and review of the literature. Lupton GP, et al. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):296-303

METABOLISM

A long-term survey of environmental, blood and urine mercury levels and clinical findings in workers manufacturing mercury relays. Gonzalez-Fernandez E, et al. **Ind Health** 1984;22(2):97-106
Abnormalities in gangliosides and other lipids of monkey, rabbit and human brains with chronic organic mercury intoxication. Ando S, et al. **Jpn J Exp Med** 1985 Feb; 55(1):1-6
The hepatotoxicity of mercury vapours in the light of biochemical, scintigraphic and morphological data. Pach J, et al. **Mater Med Pol** 1985 Jan-Mar;17(1):23-9
Changes in fatty acid elongation in developing mouse brain by mercury--comparison with other metals. Bourre JM, et al. **Toxicol Lett** 1985 Apr;25(1):19-23
Gentamicin nephrotoxicity in cadmium, lead and mercury pretreated rats. Viau C, et al. **Toxicology** 1983 May; 27(1):15-25

MORTALITY

Causes of death in Minamata disease: analysis of death certificates. Tamashiro H, et al. **Int Arch Occup Environ Health** 1984;54(2):135-46

OCCURRENCE

Two examples of environmental problems occurring in remote sparsely populated areas. Mackenzie CJ, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):237-46
Urinary mercury levels in US dentists, 1975-1983: review of Health Assessment Program. Naleway C, et al. **J Am Dent Assoc** 1985 Jul;111(1):37-42
[Mercury poisoning and the occupational health of mercury miners] Wu DL. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):207-9 (Eng. Abstr.) **(Chi)**

PATHOLOGY

Acute mercury poisoning with severe chronic pulmonary manifestations. Lilis R, et al. **Chest** 1985 Aug;88(2):306-9
[Electrophysiologic and histopathologic studies on sural nerves from Minamata disease patients of delayed onset showing distal sensory impairments] Nagaki J, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):88-94 (Eng. Abstr.) **(Jpn)**
[Characteristics of destructive-regenerative processes in the kidneys of albino rats in conditions of necronephrosis caused by corrosive sublimate] Andreev VP. **Biull Eksp Biol Med** 1985 Mar;99(3):370-3 (Eng. Abstr.) **(Rus)**
[Acute mercury poisoning from its external use] Rogov VD, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):58-9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

[Neurotoxicity of chemical substances in the workplace. VI. Longitudinal study of persons occupationally exposed to mercury] Triebig G, et al. **Int Arch Occup Environ Health** 1984;55(1):19-31 (Eng. Abstr.) **(Ger)**

PREVENTION & CONTROL

Recommendations in dental mercury hygiene, 1984. Council on Dental Materials, Instruments, and Equipment. **J Am Dent Assoc** 1984 Oct;109(4):617-9

[Demercurization as a preventive measure in mercury hazard] Trakhtenberg IM, et al. **Gig Sanit** 1985 Feb;(2):60-3 **(Rus)**

[Need for further improvement in the prevention of occupational mercurialism in modern instrument manufacturing plants] Eremin AL, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):58-9 **(Rus)**

PSYCHOLOGY

[Psychodiagnosis in lead, mercury and manganese exposure--a report of experiences] Seeber A, et al. **Z Gesamte Hyg** 1984 Dec;30(12):702-6 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

[Computed tomography in chronic Minamata disease (organic mercury poisoning)--quantitative analysis of computed tomography in the most recent cases of Minamata disease] Uchino M, et al. **Rinsho Shinkeigaku** 1984 Oct;24(10):1017-22 (Eng. Abstr.) **(Jpn)**

VETERINARY

Organomercuric poisoning in fat cattle. Boyd JH. **Vet Rec** 1985 Apr 20;116(16):443-4

MERCURY RADIOISOTOPES

A simple and rapid method for preparation of 203Hg-labeled methylmercury from 203HgCl2 and methylcobalamin. Naganuma A, et al. **J Pharmacobiodyn** 1985 Jan;8(1):69-72

DIAGNOSTIC USE

Prediction of kidney mercury content by isotope techniques. Hursh JB, et al. **Kidney Int** 1985 Jun;27(6):898-907

MERCY KILLING see **EUTHANASIA**

MERIONES see **GERBILLINAE**

MERMITHOIDEA

Preliminary field trials of Romanomermis jingdeensis against Anopheles sinensis in the suburbs of Shanghai. Yang XS, et al. **Chin Med J [Engl]** 1984 Aug;97(8):609-12

MEROMYOSINS

An electron spin resonance study of temperature-induced structural changes of the spin-labeled myosin head: an evidence for two conformational states of myosin head. Yamada T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1021-6

METABOLISM

Investigation of myosin substrate-binding site using phosphorylating analogs of the substrate. Kodentsova VM, et al. **Biochem Int** 1985 Feb;10(2):195-203

Proteolysis of smooth muscle myosin by Staphylococcus aureus protease: preparation of heavy meromyosin and subfragment 1 with intact 20 000-dalton light chains. Ikebe M, et al. **Biochemistry** 1985 Apr 23;24(9):2380-7

Effect of skeletal muscle myosin light chain 2 on the Ca2+-sensitive interaction of myosin and heavy meromyosin with regulated actin. Wagner PD. **Biochemistry** 1984 Dec 4;23(25):5950-6

Decoration of actin filaments with skeletal muscle heavy meromyosin containing either phosphorylated or dephosphorylated regulatory light chains. Stepkowski D, et al. **Biochim Biophys Acta** 1985 Aug 23;830(3):337-40

Formation of myofibrils in spreading chick cardiac myocytes. Sanger JW, et al. **Cell Motil** 1984;4(6):405-16

Relationship between the ATPase activity and the ATP-induced fluorescence enhancement of SH-modified heavy meromyosin during its fractional inactivation by vanadate plus ADP: evidence for heterogeneity in the active sites. Kawamura T, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1583-93

Hybrid with rabbit skeletal DTNB-light chains of heavy meromyosin, myosin, and glycerinated fibers from Akazara scallop adductor. Ojima T, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1109-15

PHYSIOLOGY

Conformation of spin-labeled tropomyosin in reconstituted muscle thin filaments in response to calcium ion and heavy meromyosin. Graceffa P. **Biochemistry** 1985 May 21;24(11):2743-7

MERPHALAN see **MELPHALAN**

MESANGIUM, GLOMERULAR see **GLOMERULAR MESANGIUM**

MESCALINE

ANALYSIS

A mescaline associated fatality. Reynolds PC, et al. **J Anal Toxicol** 1985 Jul-Aug;9(4):183-4

PHARMACODYNAMICS

Effect of clozapine and molindone on plasma and brain levels of mescaline in mice. Shah NS, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct-Dec;9(4):307-9

MESENCEPHALIC CENTRAL GRAY see **PERIAQUEDUCTAL GRAY**

MESENCEPHALON

Metamorphopsias caused by pontine and peduncular lesions [letter] Krizek GO. **Am J Psychiatry** 1985 Aug;142(8):999

The 40 Hertz auditory event-related potential: normal values and effects of lesions. Spydell JD, et al. **Electroencephalogr Clin Neurophysiol** 1985 May;62(3):193-202

Tuberculosis granuloma in the midbrain causing wall-eyed bilateral internuclear ophthalmoplegia (Webino). Inocencio FP, et al. **J Clin Neuro Ophthalmol** 1985 Mar;5(1):31-5

Mania resulting from brain stem tumor. Greenberg DB, et al. **J Nerv Ment Dis** 1985 Jul;173(7):434-6

Cardiovascular responses elicited by microinjection of monoamines into mesencephalic nucleus dorsalis raphe in cats. Saxena AK, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Apr;329(2):141-5

Dorsal midbrain syndrome: clinical and oculographic findings. Baloh RW, et al. **Neurology** 1985 Jan;35(1):54-60

[Pure sensory stroke due to midbrain hemorrhage--case report] Ueki H, et al. **No To Shinkei** 1985 Feb;37(2):169-72 (Eng. Abstr.) **(Jpn)**

[Von Recklinghausen neurofibromatosis complicated with aqueductal stenosis. Report of two adult cases] Kawano H, et al. **Rinsho Shinkeigaku** 1985 Mar;25(3):336-41 (Eng. Abstr.) **(Jpn)**

[Dorsal mesencephalic syndrome of non-tumorous etiology. Clinical study and evolution of 18 cases] Roig-Arnall C, et al. **Arch Neurobiol (Madr)** 1984 Nov-Dec;47(6):318-24 (Eng. Abstr.) **(Spa)**

ANALYSIS

Housing, fighting and biogenic amines in the midbrain and hypothalamus of the golden hamster. Payne AP, et al. **Prog Clin Biol Res** 1984;167:227-47

[Effect of substance P on catecholamine levels in the hypothalamus and midbrain in the rat during immobilization stress] Iumatov EA, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):570-4 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Mesencephalic root fibers of the trigeminal nerve in the cat. Ryu K, et al. **Acta Anat (Basel)** 1985;121(4):197-204

The termination of spinomesencephalic fibers in cat. An experimental anatomical study. Björkeland M, et al. **Anat Embryol (Berl)** 1984;170(3):265-77

Cholinergic and non-cholinergic forebrain projections to the interpeduncular nucleus. Albanese A, et al. **Brain Res** 1985 Mar 11;329(1-2):334-9

Cortical projections of the nucleus centralis superior and the adjacent reticular tegmentum in the mouse. Galindo-Mireles D, et al. **Brain Res** 1985 Mar 25;330(2):343-8

Mesencephalic projections to the facial nucleus in the cat. An autoradiographical tracing study. Holstege G, et al. **Brain Res** 1984 Oct 8;311(1):7-22

Spinal lamina I neurons projecting to the parabrachial area of the cat midbrain. Hylden JL, et al. **Brain Res** 1985 Jun 10;336(1):195-8

Centrifugal fibers to the rat retina from the medial pretectal area and the periaqueductal grey matter. Itaya SK, et al. **Brain Res** 1985 Feb 11;326(2):362-5

The projection to the mesencephalon from the dorsal column nuclei. An anatomical study in the cat. Wiberg M, et al. **Brain Res** 1984 Oct 8;311(2):225-44

A study of afferent projections to the rat interpeduncular nucleus. Hamill GS, et al. **Brain Res Bull** 1984 Oct;13(4):527-39

Subdivisions of the interpeduncular nucleus: a proposed nomenclature. Lenn NJ, et al. **Brain Res Bull** 1984 Jul;13(1):203-4

Projections from the superior colliculus to a region of the central mesencephalic reticular formation (cMRF) associated with horizontal saccadic eye movements. Cohen B, et al. **Exp Brain Res** 1984;57(1):167-76

Projections of the bed nucleus of the stria terminalis to the mesencephalon, pons, and medulla oblongata in the cat. Holstege G, et al. **Exp Brain Res** 1985;58(2):379-91

The isthmus-tegmentum complex in the turtle and rat: a comparative analysis of its interconnections with the optic tectum. Künzle H, et al. **Exp Brain Res** 1984;56(3):509-22

Is there a retinopetal system in the rat? Schnyder H, et al. **Exp Brain Res** 1984;56(3):502-8

The medullary projection from the mesencephalic trigeminal nucleus. An experimental study with comments on the intrinsic trigeminal connections. Walberg F, et al. **Exp Brain Res** 1984;56(2):377-83

Connections of the auditory midbrain in a teleost fish, Cyprinus carpio. Echteler SM. **J Comp Neurol** 1984 Dec 20;230(4):536-51

The distribution of afferent neurones in the mesencephalic nucleus of the fifth nerve in the cat. Gottlieb S, et al. **J Comp Neurol** 1984 Sep 10;228(2):273-83

The pretectal complex of the monkey: a reinvestigation of the morphology and retinal terminations. Hutchins B, et al. **J Comp Neurol** 1985 Feb 22;232(4):425-42

Beta-endorphin/ACTH immunocytochemistry in the CNS of the lizard Anolis carolinensis: evidence for a major mesencephalic cell group. Khachaturian H, et al. **J Comp Neurol** 1984 Nov 10;229(4):576-84

The pretectal nucleus lentiformis mesencephali of Rana pipiens. Montgomery NM, et al. **J Comp Neurol** 1985 Apr 8;234(2):264-75

The organization of retinal projections to the diencephalon and pretectum in the cichlid fish, Haplochromis burtoni. Presson J, et al. **J Comp Neurol** 1985 May 15;235(3):360-74

A reevaluation of midbrain and diencephalic projections to the inferior olive in rat with particular reference to the rubro-olivary pathway. Rutherford JG, et al. **J Comp Neurol** 1984 Oct 20;229(2):285-300

Connections of the mesencephalic, thalamic and telencephalic auditory centers in turtles. Some structural bases for audiosomatic interrelations. Belekhova MG, et al. **J Hirnforsch** 1985;26(2):127-52

Topographical arrangements of feline motor cortical projections onto the pretectum. Flindt-Egebak P, et al. **Neurosci Lett** 1984 Nov 23;52(1-2):85-9

Evidence of a direct projection from the medial terminal nucleus of the accessory optic system to lobule IX of the cerebellar cortex in the tree shrew (Tupaia glis). Haines DE, et al. **Neurosci Lett** 1985 Apr 9;55(2):125-30

The connections between the parabigeminal nucleus and the superior colliculus in the golden hamster. Jen LS, et al. **Neurosci Lett** 1984 Oct 12;51(2):189-94

Projections from the diencephalon and mesencephalon to nucleus paragigantocellularis lateralis in the cat. Lovick TA. **Neuroscience** 1985 Mar;14(3):853-61

Retinal ganglion cells that project to the superior colliculus and pretectum in the macaque monkey. Perry VH, et al. **Neuroscience** 1984 Aug;12(4):1125-37

[Size of specific midbrain structures (external measurements)] Lang J, et al. **J Hirnforsch** 1984;25(4):375-84 (Eng. Abstr.) **(Ger)**

BLOOD SUPPLY

[Cerebral infarction in the area of the anterior choroidal artery with oculomotor disorder] Viader F, et al. **Rev Neurol (Paris)** 1984;140(11):668-70 (Eng. Abstr.) **(Fre)**

[Isolated infarction of the pedunculoquadrigeminal artery and malformation of Willis' circle] Dubois F, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec;56(4-5):441-6 (Eng. Abstr.) **(Fre)**

[Midbrain corectopia. A manifestation of dorsal midbrain syndrome in seven patients with basilar artery infarction] Aikawa T, et al. **Rinsho Shinkeigaku** 1985 Apr;25(4):424-31 (Eng. Abstr.) **(Jpn)**

CYTOLOGY

Localization of serotonin in the hypothalamus and the mesencephalon of the guinea-pig. An immunohistochemical study using monoclonal antibodies. Warembourg M, et al. **Cell Tissue Res** 1985;240(3):711-21

A Golgi study of the cell types of the dorsal torus semicircularis of the electric fish Eigenmannia: functional and morphological diversity in the midbrain. Carr CE, et al. **J Comp Neurol** 1985 May 8;235(2):207-40

The dendritic architecture of the visual pretectal nuclei of the rat: a study with the Golgi-Cox method. Gregory KM. **J Comp Neurol** 1985 Apr 1;234(1):122-35

Multipolar neurons and axodendritic synapses in the mesencephalic trigeminal nucleus of the cat. Nomura S, et al. **Neurosci Lett** 1985 Apr 19;55(3):337-42

[Qualitative and quantitative comparative histologic study of the mesencephalic areas in 4 species of reptiles. I. Somatic, viscero-motor and somatosensory zones] Monzón M, et al. **Trab Inst Cajal Invest Biol** 1982;73(1-2):55-67 (Eng. Abstr.) **(Spa)**

DRUG EFFECTS

The effect of acetylcholine on neurones of the amphibian nucleus isthmi. Felix D, et al. **Brain Res** 1985 Feb 11;326(2):313-6

Effects of estradiol and prolactin on incertohypothalamic dopaminergic neurons in the male rat. Lookingland KJ, et al. **Brain Res** 1984 Dec 3;323(1):83-91

Ultrastructural study of colchicine neurotoxicity in septohabenulointerpeduncular system. Contestabile A, et al. **Brain Res Bull** 1984 Jul;13(1):99-107

The effects of phencyclidine and N-allylnormetazocine on midbrain dopamine neuronal activity. Freeman AS, et al. **Eur J Pharmacol** 1984 Sep 17;104(3-4):287-93

Comparative effects of topical perfusions of pentylenetetrazol in the mesencephalon and cerebral cortex of cats. Velasco F, et al. **Exp Neurol** 1985 Mar;87(3):533-43

Dose effects of halothane on sensory evoked responses obtained from the cortex, reticular formation and central gray. Prasad CM, et al. **Int J Neurosci** 1985 Jul; 27(1-2):91-100

Possible mechanisms by which repeated clozapine administration differentially affects the activity of two subpopulations of midbrain dopamine neurons. Chiodo LA, et al. **J Neurosci** 1985 Sep;5(9):2539-44

Caffeine tolerance: behavioral, electrophysiological and neurochemical evidence. Chou DT, et al. **Life Sci** 1985 Jun 17;36(24):2347-58

1-Methyl-4-phenylpyridine (MPP+) is toxic to mesencephalic dopamine neurons in culture. Mytilineou C, et al. **Neurosci Lett** 1985 Jun 4;57(1):19-24

EMBRYOLOGY

Developmental anomalies of the lower face and the hyoid cartilage due to partial elimination of the posterior mesencephalic and anterior rhombencephalic neural crest in chick embryos. Been W, et al. **Acta Morphol Neerl Scand** 1984 Dec;22(4):265-78

The ultrastructure of early cephalic neural crest cell migration in the mouse. Innes PB. **Anat Embryol (Berl)** 1985;172(1):33-8

The distribution and spatial organization of the extracellular matrix encountered by mesencephalic neural crest cells. Brauer PR, et al. **Anat Rec** 1985 Jan;211(1):57-68

The effects of mesencephalic neural crest cell extirpation on the development of chicken embryos. McKee GJ, et al. **J Anat** 1984 Oct;139 (Pt 3):491-512

An in vitro assay for teratogens with cultures of rat embryo midbrain and limb bud cells. Flint OP, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):383-95

ENZYMOLOGY

The subnuclear organization of acetylcholinesterase-containing neurons in the interpeduncular nucleus of rats. Fass B, et al. **Brain Res Bull** 1984 Oct;13(4):503-8

A comparative study of phosphatases in the rhombencephalon and mesencephalon of fresh water turtle (Lissemys punctata granosa). Khan AH, et al. **J Hirnforsch** 1984;25(6):633-45

Presumptive gamma-aminobutyric acid pathways from the midbrain to the superior colliculus studied by a combined horseradish peroxidase-gamma-aminobutyric acid transaminase pharmacohistochemical method. Araki M, et al. **Neuroscience** 1984 Oct;13(2):433-9

GROWTH & DEVELOPMENT

The development of somatostatin immunoreactivity in the interpeduncular nucleus of the cat. Morley BJ, et al. **Brain Res** 1985 Jun;352(2):241-8

The role of visual experience in the formation of binocular projections in frogs. Udin SB. **Cell Mol Neurobiol** 1985 Jun;5(1-2):85-102 (37 ref.)

METABOLISM

Interpeduncular nucleus organization in the rat: cytoarchitecture and histochemical analysis. Hemmendinger LM, et al. **Brain Res Bull** 1984 Jul; 13(1):163-79

Substance P in the interpeduncular nucleus of the rat: normal distribution and the effects of deafferentation. Artymyshyn R, et al. **J Comp Neurol** 1985 Jan 1;231(1):78-90

Mesencephalic pathway to the retina exhibits enkephalin-like immunoreactivity. Weiler R. **Neurosci Lett** 1985 Mar 22; 55(1):11-6

Substance P neuronal organization in the median region of the interpeduncular nucleus of the cat: an electron microscopic analysis. Kapadia SE, et al. **Neuroscience** 1984 Aug;12(4):1229-42

PATHOLOGY

Selective paralysis of downward gaze caused by bilateral lesions of the mesencephalic periaqueductal gray matter. Jacobs L, et al. **Neurology** 1985 Apr;35(4):516-21

[A case of progressive supranuclear palsy with fibrillary gliosis of the mid-brain and pontine reticular formation] Ishino H, et al. **Rinsho Shinkeigaku** 1984 Aug;24(8):795-801 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Self-induced water intoxication and hyperdopaminergic state [letter] Shen WW, et al. **Am J Psychiatry** 1984 Oct; 141(10):1305-6

Neural substrates for tone-conditioned bradycardia demonstrated with 2-deoxyglucose. I. Activation of auditory nuclei. Gonzalez-Lima F, et al. **Behav Brain Res** 1984 Dec;14(3):213-33

Longitudinal brainstem axons mediating circling: behavioral measurement of conduction velocity distributions. Yeomans JS, et al. **Behav Brain Res** 1985 Apr;15(2):121-35

The neurochrome. An identity preserving representation of activity patterns from neural populations. Epping W, et al. **Biol Cybern** 1984;50(4):235-40

The effect of lesions in the mesencephalic reticular formation upon conditioned avoidance responses in rat. II. Lesions of the area cuneiformis. Mager P, et al. **Biomed Biochim Acta** 1984;43(10):1145-55

Association of the mesencephalic locomotor region with locomotor activity induced by injections of amphetamine into the nucleus accumbens. Brudzyński SM, et al. **Brain Res** 1985 May 13;334(1):77-84

Responses of midbrain raphe neurons to ethanol. Chu NS. **Brain Res** 1984 Oct 8;311(2):348-52

Tonotopic organization in the midbrain of a teleost fish. Echteler SM. **Brain Res** 1985 Jul 15;338(2):387-91

Opposing effects of striatonigral feedback pathways on midbrain dopamine cell activity. Grace AA, et al. **Brain Res** 1985 May 6;333(2):271-84

Electrophysiological study of mammalian neurons from ventral mesencephalon grown in primary dissociated cell culture. Heyer EJ. **Brain Res** 1984 Sep 17;310(1):142-8

Initiation of locomotion from the mesencephalic locomotor region: effects of selective brainstem lesions. Jell RM, et al. **Brain Res** 1985 Feb 25;328(1):121-8

Evidence that projections from substantia innominata to zona incerta and mesencephalic locomotor region contribute to locomotor activity. Mogenson GJ, et al. **Brain Res** 1985 May 13;334(1):65-76

Nigral inputs to the pedunculopontine region: intracellular analysis. Noda T, et al. **Brain Res** 1984 Nov 26;322(2):332-6

The mesencephalic locomotor region (MLR) in the rat. Skinner RD, et al. **Brain Res** 1984 Dec 10;323(2):385-9

Effects of neurotransmitters and vagus nerve stimulation on diencephalic and mesencephalic neuronal activity. Barone FC, et al. **Brain Res Bull** 1984 Oct;13(4):565-71

Luminance detectors in the olivary pretectal nucleus and their relationship to the pupillary light reflex in the rat. II. Studies using sinusoidal light. Clarke RJ, et al. **Exp Brain Res** 1985;59(1):83-90

Luminance and darkness detectors in the olivary and posterior pretectal nuclei and their relationship to the pupillary light reflex in the rat. I. Studies with steady luminance levels. Clarke RJ, et al. **Exp Brain Res** 1985; 57(2):224-32

Horizontal saccades induced by stimulation of the central mesencephalic reticular formation. Cohen B, et al. **Exp Brain Res** 1985;57(3):605-16

Inspiratory on-switch evoked by mesencephalic stimulation: activity of medullary respiratory neurones. Gauthier P, et al. **Exp Brain Res** 1984;56(3):475-87

Single unit activity in the nucleus of the basal optic root (nBOR) during optokinetic, vestibular and visuo-vestibular stimulations in the alert pigeon (Columbia livia). Gioanni H, et al. **Exp Brain Res** 1984;57(1):49-60

Effects of medial midbrain lesions on thermoresponsive neurons in the thalamus of the rat. Gottschlich KW, et al. **Exp Brain Res** 1985;57(2):355-61

Dysfunction of the midbrain angular complex can accentuate or attenuate circling behaviour in the rat. Starr MS, et al. **Exp Brain Res** 1985;58(1):45-55

Experimental test of two models for the generation of oblique saccades. van Gisbergen JA, et al. **Exp Brain Res** 1985; 57(2):321-36

Impaired lordosis response in golden hamsters with lesions in the ventromedial midbrain. Havens MD, et al. **Exp Neurol** 1984 Dec;86(3):583-9

Excitatory projections from hypothalamic and midbrain defense regions to nucleus paragigantocellularis lateralis in the rat. Li P, et al. **Exp Neurol** 1985 Sep;89(3):543-53

Dorsal-ventral differences in the midbrain distribution of single neurons with head movement-correlated and locomotion-correlated firing in the golden hamster. Rose JD. **Exp Neurol** 1985 Feb;87(2):225-34

Monosynaptic activation of long descending propriospinal neurons from the lateral vestibular nucleus and the medial longitudinal fasciculus. Skinner RD, et al. **Exp Neurol** 1984 Dec;86(3):462-72

Coding of amplitude-modulated tones in the central auditory system of catfish. Plassmann W. **Hear Res** 1985 Mar; 17(3):209-17

Cardiovascular and respiratory responses to electrical stimulation of the midbrain in the rat. Malmo RB, et al. **Int J Psychophysiol** 1983 Aug;1(1):75-81

The mormyrid mesencephalon. III. Retinal projections in a weakly electric fish, Gnathonemus petersii. Lázár G, et al. **J Comp Neurol** 1984 Nov 20;230(1):1-12

Physiological identification of midbrain neurons related to lens accommodation in cats. Bando T, et al. **J Neurophysiol** 1984 Nov;52(5):870-8

Projection from dorsal column nuclei to dorsal mesencephalon. Cooper LL, et al. **J Neurophysiol** 1985 Jan; 53(1):183-200

Sensitivity to amplitude modulated sounds in the anuran auditory nervous system. Rose GJ, et al. **J Neurophysiol** 1985 Feb;53(2):446-65

Excitatory and inhibitory postsynaptic potentials in alpha-motoneurons produced during fictive locomotion by stimulation of the mesencephalic locomotor region. Shefchyk SJ, et al. **J Neurophysiol** 1985 Jun;53(6):1345-55

Phase and amplitude computations in the midbrain of an electric fish: intracellular studies of neurons participating in the jamming avoidance response of Eigenmannia. Heiligenberg W, et al. **J Neurosci** 1985 Feb;5(2):515-31

Enhancement of long-term potentiation in the rat dentate gyrus by post-trial stimulation of the reticular formation. Bloch V, et al. **J Physiol (Lond)** 1985 Mar;360:215-31

The action of cholinomimetic substances on impulse conduction in the habenulointerpeduncular pathway of the rat in vitro. Brown DA, et al. **J Physiol (Lond)** 1984 Aug; 353:101-9

Fictive locomotion of the forelimb evoked by stimulation of the mesencephalic locomotor region in the decerebrate cat. Amemiya M, et al. **Neurosci Lett** 1984 Sep 7; 50(1-3):91-6

Further localization of midbrain neurones mediating the defence reaction in the cat by microinjections of excitatory amino acids. Bandler R, et al. **Neurosci Lett** 1985 May 23; 56(3):311-6

Serotonergic and non-serotonergic projections from the interpeduncular nucleus to the ventral hippocampus in the rat. Groenewegen HJ, et al. **Neurosci Lett** 1984 Sep 28; 51(1):19-24

Infrasound responses in the midbrain of the guinea fowl. Theurich M, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):81-6

Responses of the nucleus of the optic tract neurons projecting to the nucleus reticularis tegmenti pontis upon optokinetic stimulation in the rabbit. Maekawa K, et al. **Neurosci Res** 1984 Dec;2(1-2):1-25

Evidence for a neurotransmitter role of aspartate and/or glutamate in the projection from the torus longitudinalis to the optic tectum of the goldfish. Poli A, et al. **Neuroscience** 1984 Aug;12(4):1157-65

Facilitation of generalization performances in spatial learning problems by posttrial stimulation of the mesencephalic reticular formation. Ammassari-Teule M, et al. **Physiol Behav** 1984 Jun;32(6):1027-31

Disruption of tactile discrimination in rats by bilateral stimulation of midbrain lemniscal pathways. Frommer GP, et al. **Physiol Behav** 1985 Feb;34(2):205-11

Forelimb and hindlimb stepping by the anesthetized rat elicited by electrical stimulation of the diencephalon and mesencephalon. Sinnamon HM. **Physiol Behav** 1984 Aug; 33(2):191-9

Auditory midbrain responses parallel spectral integration phenomena. Ehret G, et al. **Science** 1985 Mar 8; 227(4691):1245-7

Suppression of bulboreticular unit responses to noxious stimuli by analgesic mesencephalic stimulation. Morrow TJ, et al. **Somatosens Res** 1983;1(2):151-68

[Effects of the stimulation of the mesencephalic reticular formation on the electric activity of the thalamus and cerebral cortex] Garkavenko VV. **Fiziol Zh** 1985 Mar-Apr; 31(2):120-6 (Eng. Abstr.) **(Rus)**

[Effect of the midbrain reticular formation on the neuronal activity of the associative cortex evoked by transcallosal stimulation] Mamonets TM. **Fiziol Zh** 1984 Sep-Oct; 30(5):617-24 (Eng. Abstr.) **(Rus)**

[Dynamics of the neuronal activity of midbrain reticular nuclei in the sleep-wakefulness cycle] Oniani TN, et al. **Neirofiziologiia** 1984;16(5):678-90 (Eng. Abstr.) **(Rus)**

[Morphophysiologic study of reticulo-cortical pathways in the rabbit] Artiukhina NI, et al. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):297-305 (Eng. Abstr.) **(Rus)**

[Effect of the midbrain reticular formation on the response of cortical neurons in the rabbit during learning] Kaburneeva LI, et al. **Zh Vyssh Nerv Deiat** 1984 Sep-Oct; 34(5):888-95 (Eng. Abstr.) **(Rus)**

[Effect of deafferentation of the lateral geniculate body on its background activity] Liubimov NN, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):504-9 (Eng. Abstr.) **(Rus)**

PHYSIOPATHOLOGY

Role of midbrain raphe in stress-induced renin and prolactin secretion. Van de Kar LD, et al. **Brain Res** 1984 Oct 8; 311(2):333-41

Midbrain stimulation inhibits tail-flick only at currents sufficient to excite rostral medullary neurons. Vanegas H, et al. **Brain Res** 1984 Oct 29;321(1):127-33

Cell formation in the motor nucleus and mesencephalic nucleus of the trigeminal nerve of rats made hypothyroid by propylthiouracil. Narayanan CH, et al. **Exp Brain Res** 1985;59(2):257-66

Involvement of cortical, thalamic and midbrain reticular formation neurons in spike and wave discharges: extracellular study in feline generalized penicillin epilepsy. Pellegrini A, et al. **Exp Neurol** 1985 Aug;89(2):465-78

Serotonin-depleting midbrain lesions fail to mitigate hyperphagia and obesity in the Zucker fatty rat. Coscina DV, et al. **Physiol Behav** 1985 Jan;34(1):107-14

[Electrophysiological maturation of neurons of the lateral geniculate nucleus after lesion of ponto-geniculo-occipital pathways in kittens] Davenne D, et al. **C R Acad Sci [III]** 1985;300(2):59-64 (Eng. Abstr.) **(Fre)**

[Alpha and beta coma in a brain lesion at the pontomesencephalic level] Sumskiĭ LI. **Fiziol Cheloveka** 1984 May-Jun;10(3):473-6 **(Rus)**

RADIOGRAPHY

[Hematoma of the pineal region with favorable development] Delangre T, et al. **Rev Otoneuroophtalmol** 1984 Jul-Dec; 56(4-5):323-7 (Eng. Abstr.) **(Fre)**

SURGERY

Stereotactic surgery for mass lesions of the midbrain and pons. Coffey RJ, et al. **Neurosurgery** 1985 Jul;17(1):12-8

[Stereotaxic method of treating extrapyramidal spastic torticollis] Kandel' EI. **Zh Vopr Neirokhir** 1984 Nov-Dec; (6):28-34 (Eng. Abstr.) **(Rus)**

TRANSPLANTATION

Electrophysiological properties of single units in dopamine-rich mesencephalic transplants in rat brain. Arbuthnott G, et al. **Neurosci Lett** 1985 Jun 12;57(2):205-10

ULTRASTRUCTURE

A scanning electron microscopic study of the mesencephalic trigeminal nucleus in duck and rabbit. Faccioli G, et al. **Arch Ital Biol** 1985 Feb;123(1):43-62

The ultrastructure and organization of methionine-enkephalin immunoreactive profiles in the interpeduncular nucleus of the cat. Kapadia SE, et al. **J Comp Neurol** 1984 Oct 10;229(1):48-65

Structural and ultrastructural features of the interpeduncular nucleus in the frog, Rana ridibunda. Muñoz M, et al. **Z Mikrosk Anat Forsch** 1985;99(1):37-49

MESENCHYMOMA

COMPLICATIONS

[Torticollis and neck tumors: presentation of a case] Battistella PA, et al. **Pediatr Med Chir** 1984 Sep-Oct; 6(5):709-12 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

Multiple benign mesenchymomata of the chest wall. Oakley RH, et al. **Pediatr Radiol** 1985;15(1):58-60

[Right intraventricular tumors. Apropos of a case] Renault C, et al. **Ann Cardiol Angeiol (Paris)** 1984 Nov;33(7):465-8 (Eng. Abstr.) **(Fre)**

DRUG THERAPY

Doxorubicin and cisplatin in the treatment of advanced mixed mesodermal uterine sarcoma. Seltzer V, et al. **Cancer Treat Rep** 1984 Nov;68(11):1389-90

A randomized clinical trial of adjuvant adriamycin in uterine sarcomas: a Gynecologic Oncology Group Study. Omura GA, et al. **J Clin Oncol** 1985 Sep;3(9):1240-5

PATHOLOGY

Malignant mesenchymoma of the esophagus. Haratake J, et al. **Acta Pathol Jpn** 1984 Jul;34(4):925-33

Malignant 'Triton' tumors. Natural history and immunohistochemistry of nine new cases with literature review. Brooks JS, et al. **Cancer** 1985 Jun 1;55(11):2543-9

Unusual malignant neuroectodermal tumours of the ovary--case report and literature review. Burke M, et al. **Histopathology** 1984 Nov;8(6):1059-67

Undifferentiated (embryonal) sarcoma of the liver: ultrastructural and immunohistochemical similarities with malignant fibrous histiocytoma. Keating S, et al. **Hum Pathol** 1985 Jul;16(7):693-9

Undifferentiated (embryonal) sarcoma of the liver in childhood: report of two cases. Parichatikanond P, et al. **J Med Assoc Thai** 1985 Feb;68(2):99-105

Malignant ectomesenchymoma (neoplasm of mixed mesenchymal and neuroepithelial origin) of wrist joint. Sirikulchayanonta V, et al. **J Med Assoc Thai** 1984 Jun; 67(6):356-61

Intraoral benign mesenchymoma. Couwenhoven R, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):619-21

Fibrocartilaginous mesenchymoma with low-grade malignancy. Dahlin DC, et al. **Skeletal Radiol** 1984; 12(4):263-9

[The relation between soft tissue malignant mesenchymoma and other sarcomas--a case report of malignant mesenchymoma of the tunica vaginalis of the left testis] Dong HJ. **Chung Hua Chung Liu Tsa Chih** 1984 May; 6(3):229-30 (Eng. Abstr.) **(Chi)**

[Recurrent mesenchymoma of the peritoneum with hepatic metastasis in an 8-year-old child] Roth A. **Arch Anat Cytol Pathol** 1984;32(3):170-2 (Eng. Abstr.) **(Fre)**

[Pneumoblastoma: contribution to the study of 2 unreported cases] Stanta G, et al. **Arch Monaldi** 1984 Jul-Aug; 39(4):267-78 (Eng. Abstr.) **(Ita)**

[An autopsy case of malignant mesenchymoma of the diaphragm] Oyaizu N, et al. **Gan No Rinsho** 1985 Jul; 31(8):976-81 (Eng. Abstr.) **(Jpn)**

[Retroperitoneal mesenchymoma] Bondarenko NM, et al. **Klin Khir** 1985 May;(5):60 **(Rus)**

[Retroperitoneal mesenchymoma] Nartsissov TV, et al. **Sov Med** 1984;(12):114-6 **(Rus)**

[Tumors of the endometrial stroma] Escudero P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):137-48 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Computed tomography of a benign mesenchymoma of soft tissue. Hudson TM, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):205-8

SURGERY

[Reoperations in retroperitoneal tumors of non-organic origin] Dovgaliuk AZ, et al. **Vestn Khir** 1984 Nov; 133(11):48-52 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Undifferentiated ('embryonal') sarcoma of the liver: ultrastructure of a case presenting as a primary intracardiac tumor. Gallivan MV, et al. **Pediatr Pathol** 1983 Jul-Sep; 1(3):291-300

Undifferentiated (embryonal) liver sarcoma of childhood: evidence of leiomyoblastic differentiation. Gonzalez-Crussi F. **Pediatr Pathol** 1983 Jul-Sep;1(3):281-90

MESENTERIC ARTERIES

Superior mesenteric aneurysm and arteriovenous fistula: angiographic and CT features. Knox M, et al. **AJR** 1985 Aug;145(2):383-4

Ultrasound diagnosis of superior mesenteric artery aneurysm: two case reports. Ugolotti U, et al. **JCU** 1984 Nov-Dec; 12(9):581-4

Ruptured mycotic aneurysm of the superior mesenteric artery secondary to bacterial endocarditis in a 6-year-old-girl. Christophe C, et al. **Pediatr Radiol** 1985;15(3):202-4

Inferior mesenteric artery aneurysms. Graham LM, et al. **Surgery** 1985 Feb;97(2):158-63

[Aneurysm of the trunk of the superior mesenteric artery and polyaneurysmal disease of the right paracolic arcade of fibromuscular hyperplasia type. A case] Foissy P, et al. **Ann Med Interne (Paris)** 1984;135(7):530-2 (Eng. Abstr.) **(Fre)**

ABNORMALITIES

[Idiopathic intestinal occlusion] Figueras Felip J, et al. **Rev Esp Enferm Apar Dig** 1984 Dec;66(6):546-50 (Eng. Abstr.) **(Spa)**

ANALYSIS

Quantitation of alpha 1-adrenergic receptors in porcine uterine and mesenteric arteries. Farley DB, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):485-91

On the postjunctional alpha-adrenoreceptors in rat cerebral and mesenteric arteries. Högestätt ED, et al. **J Auton Pharmacol** 1984 Sep;4(3):161-73

Identification of adrenoceptors and dopamine receptors mediating vascular responses in the superior mesenteric arterial bed of the rat. Nichols AJ, et al. **J Pharm Pharmacol** 1985 Feb;37(2):110-5

ANATOMY & HISTOLOGY

The superior mesenteric artery. The critical factor in the pouch pull-through procedure. Smith L, et al. **Dis Colon Rectum** 1984 Nov;27(11):741-4

DRUG EFFECTS

Characterization of two different calcium entry pathways in small mesenteric arteries from rat. Högestätt ED. **Acta Physiol Scand** 1984 Dec;122(4):483-95

Influence of extracellular calcium and nifedipine on alpha 1- and alpha 2-adrenoceptor-mediated contractile responses in isolated rat and cat cerebral and mesenteric arteries. Skärby T, et al. **Acta Physiol Scand** 1985 Apr; 123(4):445-56

Vasoconstrictor responses of isolated and perfused canine mesenteric arteries to alpha-adrenoceptor agonists. Chiba S, et al. **Arch Int Pharmacodyn Ther** 1984 Oct;271(2):241-8

Effects of 1-[2-ethoxy-2-(3'-pyridyl)ethyl]-4-(2'-methoxyphenyl)pi (IP-66), prazosin, yohimbine and dihydroergotoxine mesylate on the vasoconstriction of rat mesenteric artery induced by electric stimulation and exogenous norepinephrine. Castellucci A. **Arzneimittelforsch** 1985; 35(1):107-11

Differences in norepinephrine activation and diltiazem inhibition of calcium channels in isolated rabbit aorta and mesenteric resistance vessels. Cauvin C, et al. **Circ Res** 1985 Jun;56(6):822-8

alpha 1-Antagonist activity of the alpha 2-adrenoceptor agonist guanabenz in perfused mesenteric artery of the rat. Bognar IT, et al. **Eur J Pharmacol** 1984 Aug 3; 103(1-2):173-5

Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats. Iijima F, et al. **Hypertension** 1985 Sep-Oct;7(5):783-90

Vasoconstrictor responses induced by alpha-adrenoreceptor agonists before and after removal of the endothelial cells of dog mesenteric arteries. Chiba S, et al. **J Auton Pharmacol** 1984 Dec;4(4):257-60

Vascular relaxation by ifenprodil in the isolated perfused rat mesenteric artery. Adeagbo AS. **J Cardiovasc Pharmacol** 1984 Nov-Dec;6(6):1142-7

Potentiation of KCl-induced vasoconstriction by saponin treatment in isolated canine mesenteric arteries. Chiba S, et al. **Jpn J Pharmacol** 1984 Dec;36(4):535-7

Inhibition of thromboxane A2-induced vasocontraction by KF4939, a new anti-platelet agent, in rabbit mesenteric and dog coronary arteries. Yamada K, et al. **Jpn J Pharmacol** 1984 Nov;36(3):283-90

Vasoconstrictor effects of ouabain: mechanisms of action. Mulvany MJ, et al. **Klin Wochenschr** 1985;63 Suppl 3:143-6

[Effect of contrast media on glycoside-induced mesenteric ischemia] Seemann WR, et al. **ROFO** 1984 Sep; 141(3):333-7 (Eng. Abstr.) **(Ger)**

[Effect of the chronic use of propranolol on the specific binding of 3H-WB-4101 with the membranes of the mesenteric vessels in rats] Ismailov ShI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):38-40 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Pindolol decreases plasma angiotensin converting enzyme activity in young spontaneously hypertensive rats. Niwa M, et al. **Clin Exp Hypertens [A]** 1984;6(10-11):1765-8

Prostacyclin-sensitive adenylate cyclase in cultured myocytes: differences between rabbit aorta and mesenteric artery. Oliva D, et al. **Eur J Pharmacol** 1984 Oct 15; 105(3-4):207-13

IMMUNOLOGY

Myosin in cultured vascular smooth muscle cells: immunofluorescence and immunochemical studies of alterations in antigenic expression. Larson DM, et al. **J Cell Biol** 1984 Nov;99(5):1582-9

INJURIES

Superior mesenteric artery and vein injuries from blunt abdominal trauma. Courcy PA, et al. **J Trauma** 1984 Sep; 24(9):843-5

[Proximal wound of the upper mesenteric artery. Apropos of a case treated with success] Ribal JP, et al. **Ann Chir** 1985 May;39(4):261-3 (Eng. Abstr.) **(Fre)**

[Hemorrhagic pancreatic pseudocysts caused by erosion of the superior mesenteric artery] Meneghelli R, et al. **Chir Ital** 1984 Feb;36(1):58-65 (Eng. Abstr.) **(Ita)**

INNERVATION

Analysis of adrenergic responses in the mesenteric vascular bed of the cat; evidence that vascular beta 2-adrenoceptors are innervated. Armstead WM, et al. **Can J Physiol Pharmacol** 1984 Dec;62(12):1470-8

Selectivity in sympathetic innervation during development and regeneration in the rat. Hill CE. **Experientia** 1985 Jul 15;41(7):857-62 (56 ref.)

METABOLISM

Identification of the angiotensin II receptor in rat mesenteric artery. McQueen J, et al. **Biochem J** 1984 Nov 1; 223(3):659-71

Altered in vitro uptake of norepinephrine by cardiovascular tissues of young spontaneously hypertensive rats. Rho JH, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3906-9

Effects of an endogenous cyclic AMP-dependent protein kinase catalytic subunit on Ca-uptake by plasma membrane vesicles from rat mesenteric artery. Kattenburg DM, et al. **Blood Vessels** 1984;21(6):257-66

Effect of sodium gradient on the rate of relaxation of rat mesenteric small arteries from potassium contractures. Petersen TT, et al. **Blood Vessels** 1984;21(6):279-89

Two distinct populations of [3H]prazosin and [3H]yohimbine binding sites in the plasma membranes of rat mesenteric artery. Agrawal DK, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):195-203

[Characterization of the effects of a derivative of pyridoindole (DH-1011) on alpha2-adrenergic membrane receptors in the smooth muscle of mesenteric arteries and coronary arteries] Dřímal J, et al. **Bratisl Lek Listy** 1985 Apr;83(4):353-61 (Eng. Abstr.) **(Slo)**

PATHOLOGY

Vascular changes at the prehypertensive phase in the mesenteric arteries from spontaneously hypertensive rats. Lee RM. **Blood Vessels** 1985;22(3):105-26

Morphometric study of mesenteric and renal arteries in spontaneously hypertensive rats. Nordborg C, et al. **J Hypertens** 1983 Dec;1(4):333-8

[Rare variant of vascular compression of the duodenum] Stupin VA, et al. **Khirurgiia (Mosk)** 1984 Sep;(9):132-3 **(Rus)**

[Massive mesenteric necrosis in dermatopolymyositis of the adult (letter)] Rodríguez López I, et al. **Med Clin (Barc)** 1985 Jan 26;84(3):124 **(Spa)**

PHYSIOLOGY

Mechanisms of vasodilation induced by vasoactive intestinal polypeptide in rabbit mesenteric artery. Itoh T, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):H231-40

Distribution of blood platelets flowing in arterioles. Tangelder GJ, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):H318-23

Biological action and binding sites for vasopressin on the mesenteric artery from normal and sodium-depleted rats. St-Louis J, et al. **Life Sci** 1984 Oct 1;35(14):1489-95

PHYSIOPATHOLOGY

Prostacyclin, its fatty acid precursor and its metabolites on the inotropic function of and on the prostanoid generation by diabetic arteries. Sterin-Borda LJ, et al. **Biomed Biochim Acta** 1984;43(8-9):S257-64

Increased flow in the superior mesenteric artery in dumping syndrome. Aldoori MI, et al. **Br J Surg** 1985 May; 72(5):389-90

Vascular area with marked resistance elevation in one-clip, two-kidney renovascular hypertensive rats. Teranishi Y, et al. **Jpn J Physiol** 1985;35(1):139-46

[Importance of the inferior mesenteric artery in the revascularization of the ischemic hypogastric region] Setacci C, et al. **Angiologia** 1985 Jul-Aug;37(4):171-5 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Angiography in colonic carcinoma. Karlsson S, et al. **Dis Colon Rectum** 1984 Oct;27(10):648-50

Angiographic demonstration of mesenteric arterial changes in postcoarctectomy syndrome. Kawauchi M, et al. **Surgery** 1985 Sep;98(3):602-4

[Aneurysm of the superior mesenteric artery. Its diagnosis and clinical significance] Gebauer A. **ROFO** 1984 Nov;141(5):529-33 (Eng. Abstr.) **(Ger)**

[Vasoconstrictive effects of prostaglandin F2 alpha in mesenteric angiography--diagnostic and therapeutic values] Fujita M, et al. **Rinsho Hoshasen** 1985 Apr;30(4):475-80 (Eng. Abstr.) **(Jpn)**

SURGERY

Survival after high or low ligation of the inferior mesenteric artery during curative surgery for rectal cancer. Pezim ME, et al. **Ann Surg** 1984 Dec;200(6):729-33

Aneurysms of the jejunal artery. Bleichrodt RP, et al. **J Cardiovasc Surg (Torino)** 1984 Jul-Aug;25(4):376-7

Superior mesenterorenal bypass for renal revascularization with infrarenal aortic occlusion. Khauli RB, et al. **J Urol** 1985 Feb;133(2):188-90

Spontaneous dissection of the superior mesenteric artery. Krupski WC, et al. **J Vasc Surg** 1985 Sep;2(5):731-4

A simplified technique for revascularization of homografts of the liver with a variant right hepatic artery from the superior mesenteric artery. Gordon RD, et al. **Surg Gynecol Obstet** 1985 May;160(5):474-6

Reconstructive vascular surgery for intestinal angina. Harvey CF, et al. **Ulster Med J** 1983;52(1):40-7

[Revascularization of intestinal transplants] Andrianov AV. **Klin Med (Mosk)** 1984 Aug;62(8):136-30 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Electron microscopic findings of panarteritis in mesenteric artery of spontaneously hypertensive rats. Doi K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):601-5

MESENTERIC CIRCULATION see **SPLANCHNIC CIRCULATION**

MESENTERIC CYST

COMPLICATIONS

[Chylangioma of the mesentery as a cause of volvulus of the small intestine] Ziman P, et al. **Rozhl Chir** 1985 Jun;64(6):457-9 (Eng. Abstr.) **(Slo)**

DIAGNOSIS

Mesenteric cyst (case reports and review of the literature). Mehta Z, et al. **Med J Zambia** 1984 Jan;18(1):21-2

[A case of preoperatively diagnosed mesenteric cyst associated with symptoms of acute abdomen: ultrasonographic and angiographic findings] Yamamoto H, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Aug;81(8):1842-7 **(Jpn)**

PATHOLOGY

Carcinoid tumor arising in a cystic duplication of the small bowel. Smith JH, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):95-6

MESENTERIC LYMPHADENITIS

COMPLICATIONS

[Hepatic abscess in children. Apropos of a case following yersiniosis] Pautard-Muchemble B, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):149-51 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

The value of C-reactive protein (CRP) determinations in patients with suspected acute appendicitis. Mikaelsson C, et al. **Ann Chir Gynaecol** 1984;73(5):281-4

[Mesenteric lymphadenitis of the ileocecal region simulating acute appendicitis] Cieślik R, et al. **Pol Tyg Lek** 1984 Apr 16;39(16):543-4 (Eng. Abstr.) **(Pol)**

[An abdominal form of pseudotuberculosis simulating acute appendicitis] Iaremchuk AIa, et al. **Vestn Khir** 1984 Aug;133(8):75 **(Rus)**

MESENTERIC VASCULAR OCCLUSION

BLOOD

[Constitutional protein C deficiency. Role in the occurrence of a mesenteric venous infarction (letter)] Lefrançois C, et al. **Presse Med** 1985 Mar 2;14(9):548-9 **(Fre)**

CHEMICALLY INDUCED

Mesenteric vein thrombosis associated with oral contraceptive administration during pregnancy. Friedman M, et al. **Ann Chir Gynaecol** 1984;73(5):296-8

Mesenteric venous thrombosis associated with estrogen therapy for treatment of prostatic carcinoma. Sahdev P, et al. **J Urol** 1985 Sep;134(3):563-4

COMPLICATIONS

Protean manifestations of pylethrombosis. A review of thirty-four patients. Witte CL, et al. **Ann Surg** 1985 Aug;202(2):191-202

Gastrointestinal hemorrhage associated with chronic mesenteric venous occlusion. Soper NJ, et al. **Gastroenterology** 1985 Jun;88(6):1964-7

Effect of intravenous glucagon on the survival of rats after acute occlusive mesenteric ischemia. Cronenwett JL, et al. **J Surg Res** 1985 May;38(5):446-52

Prophylaxis of superior mesenteric artery occlusion shock in rabbits by antilipopolysaccharide (anti-LPS) antibodies. Zanotti AM, et al. **J Surg Res** 1985 Feb;38(2):113-5

DIAGNOSIS

Thrombosis in the superior mesenteric artery simulating acute pancreatitis. A case report. Lasson A, et al. **Acta Chir Scand** 1985;151(2):187-9

Primary mesenteric venous thrombosis with recurrence. Caserta SJ, et al. **Conn Med** 1985 Jun;49(6):349-51

Mesenteric venous infarction presenting as an upper GI bleeding and diagnosed by upper GI endoscopy. Leiser A, et al. **Endoscopy** 1985 May;17(3):119-20

[Acute mesenteric insufficiency] Wang ZG, et al. **Chung Hua I Hsueh Tsa Chih** 1985 May;65(5):284-8 (Eng. Abstr.) **(Chi)**

[Acute mesenteric ischemia] Honore P, et al. **Rev Med Liege** 1985 May 1;40(9):341-4 **(Fre)**

[An ischemic-septic disease picture following acute occlusion of the superior mesenteric artery] Pircher W, et al. **Zentralbl Chir** 1984;109(16):1056-65 (Eng. Abstr.) **(Ger)**

[Abdominal angina--incidence and correlations between angiographic and clinical findings] Grzechnik B, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jan-Feb;48(1):7-11 (Eng. Abstr.) **(Pol)**

[Acute disorders of mesenteric circulation] Mikhailichenko VA. **Sov Med** 1984;(9):75-7 **(Rus)**

[Diagnosis of chronic occlusive diseases of the visceral branches of the abdominal aorta] Zigmantovich IuM. **Vestn Khir** 1985 Feb;134(2):124-6 (Eng. Abstr.) **(Rus)**

DRUG THERAPY

Pharmacologic interventions in acute mesenteric ischemia: improved survival with intravenous glucagon, methylprednisolone, and prostacyclin. Kazmers A, et al. **J Vasc Surg** 1984 May;1(3):472-81

ETIOLOGY

Aphthous ulcers in ischemic gastroenterocolitis: a case report. Talansky AL, et al. **Am J Gastroenterol** 1985 Apr;80(4):257-9

Mesenteric vascular insufficiency and claudication following acute dissecting thoracic aortic aneurysm. Cogbill TH, et al. **J Vasc Surg** 1985 May;2(3):472-6

Intramural dissection of superior mesenteric artery. A complication of attempted renal artery balloon dilation. Perry MO. **J Vasc Surg** 1985 May;2(3):480-4

[Acute disorders of the mesenteric circulation among heart defect patients] Gagarin VV. **Kardiologiia** 1984 Aug;24(8):81-4 (Eng. Abstr.) **(Rus)**

[Postoperative thrombosis of the mesenteric veins] Gagarin VV. **Sov Med** 1984;(11):78-83 **(Rus)**

FAMILIAL & GENETIC

Congenital anti-thrombin III deficiency with mesenteric venous thrombosis--functional and immunological estimations. Dale BM, et al. **Pathology** 1984 Oct;16(4):424-30

METABOLISM

[Results of clinico-laboratory research on patients with an acute mesenteric circulatory disorder] Gagarin VV. **Klin Med (Mosk)** 1985 Jan;63(1):78-82 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Intestinal Buerger's disease. Rosen N, et al. **Arch Pathol Lab Med** 1985 Oct;109(10):962-3

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 51-1984. A 45-year-old man with abdominal pain and abnormal CT scan. **N Engl J Med** 1984 Dec 20;311(25):1622-8

PHYSIOPATHOLOGY

[Functiono-morphological changes in the cardiovascular system in acute occlusion and after revascularization of the cranial mesenteric artery] Volkoedov VS, et al. **Kardiologiia** 1984 Jul;24(7):87-91 (Eng. Abstr.) **(Rus)**

RADIOGRAPHY

Computed tomographic diagnosis of superior mesenteric artery embolic thrombosis associated with renal and splenic infarction. Feldberg MA, et al. **Cardiovasc Intervent Radiol** 1984;7(6):306-8

Radiographic case of the month. Mesenteric infarction. Cohen HR, et al. **RI Med J** 1984 Oct;67(10):449-50

[Mesentericography: role of intra-arterial DSA in acute occlusive disease] Arlart IP. **ROFO** 1985 Jul;143(1):59-63 (Eng. Abstr.) **(Ger)**

[Computed tomographic diagnosis of thromboses of the splenic, superior mesenteric and portal veins] Goebel N, et al. **Schweiz Med Wochenschr** 1984 Dec 29;114(52):1954-8 (Eng. Abstr.) **(Ger)**

SURGERY

Chronic intestinal ischemia. The Lahey Clinic approach to management. Jaxheimer EC, et al. **Surg Clin North Am** 1985 Feb;65(1):123-30

Reconstructive vascular surgery for intestinal angina. Harvey CF, et al. **Ulster Med J** 1983;52(1):40-7

[Case of mesenteric thrombosis successfully treated by extensive resection of the small intestine] Manolov G, et al. **Khirurgiia (Sofiia)** 1985;38(2):72-3 **(Bul)**

[Massive intestinal resection and intestinal and digestive rehabilitation] Guy JP, et al. **Cah Anesthesiol** 1985 Jan-Feb;33(1):71-2 **(Fre)**

[Acute celiac-mesenteric insufficiency] Gullà P, et al. **Minerva Chir** 1985 May 15;40(9):649-52 (Eng. Abstr.) **(Ita)**

[Disruption of mesenteric circulation] Dibirov MD. **Khirurgiia (Mosk)** 1984 Oct;(10):126 **(Rus)**

[Prolonged parenteral feeding of a patient following subtotal resection of the small intestine] Smirnov VA, et al. **Khirurgiia (Mosk)** 1984 Nov;(11):139-40 **(Rus)**

THERAPY

Balloon angioplasty of a superior mesenteric artery occlusion in a patient with angiodysplasia of the caecum. Lee J, et al. **Australas Radiol** 1984 Aug;28(3):240-3

[Prevention of ischemic damage to the small intestine] Lysenko AI, et al. **Khirurgiia (Mosk)** 1984 Aug;(8):94-6 (Eng. Abstr.) **(Rus)**

MESENTERIC VEINS

Superior mesenteric aneurysm and arteriovenous fistula: angiographic and CT features. Knox M, et al. **AJR** 1985 Aug;145(2):383-4

Superior mesenteric venous aneurysm. Cholankeril JV. **Am J Gastroenterol** 1985 Aug;80(8):624-6

Mesenteric venous thrombosis and oral contraceptive use. Naraynsingh V, et al. **Trop Geogr Med** 1985 Jun;37(2):192-3

[Regional hemosorption through mesenteric-splenic venous shunt] Gagarin VV. **Klin Khir** 1985 Feb;(2):54 **(Rus)**

DRUG EFFECTS

Mesenteric vascular reactivity in dexamethasone-treated hypertensive rats. Iijima F, et al. **Hypertension** 1985 Sep-Oct;7(5):783-90

[Effect of the chronic use of propranolol on the specific binding of 3H-WB-4101 with the membranes of the mesenteric vessels in rats] Ismailov ShI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):38-40 (Eng. Abstr.) **(Rus)**

INJURIES

Superior mesenteric artery and vein injuries from blunt abdominal trauma. Courcy PA, et al. **J Trauma** 1984 Sep;24(9):843-5

[Iatrogenic celiac-mesenteric arteriovenous fistulae; with reference to a new case of postgastrectomy arteriovenous fistula] Geremia U, et al. **Chir Ital** 1985 Feb;37(1):57-71 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Aneurysmal dilatation of the superior mesenteric vein: CT findings. Lopez-Rasines GJ, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):830-2

Ruptured mesenteric varices in hepatic cirrhosis: a rare cause of intraperitoneal hemorrhage. Jhung JW, et al. **Surgery** 1985 Mar;97(3):377-80

[A case of idiopathic portal hypertension with portal-right inferior vena cava collateral] Fukuda Y, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1001-4 (Eng. Abstr.) **(Jpn)**

SURGERY

Factors affecting immediate and long-term survival after emergent and elective splanchnic-systemic shunts. Chandler JG, et al. **Ann Surg** 1985 Apr;201(4):476-87

Surgery of pancreatic dermoid cyst with ligature of superior mesenteric vein. Lázaro da Silva A, et al. **Arq Gastroenterol** 1984 Oct-Dec;21(4):183-6

Mesentericocaval shunt (MCS) with autologous jugular vein. Stipa S, et al. **World J Surg** 1984 Oct;8(5):702-5

MESENTERY

Intraabdominal panniculitis: clinical, radiographic, and CT features. Katz ME, et al. **AJR** 1985 Aug;145(2):293-6

Diffuse mesenteric amyloidosis: CT, sonographic, and pathologic findings. Allen HA 3d, et al. **J Comput Assist Tomogr** 1985 Jan-Feb;9(1):196-8

Malignant smooth muscle tumors of the retroperitoneum and mesentery: a clinicopathologic analysis of 44 cases. Hashimoto H, et al. **J Surg Oncol** 1985 Mar;28(3):177-86

Successful treatment of pulmonary and abdominal metastatic osteosarcoma. Takaue Y, et al. **Med Pediatr Oncol** 1985; 13(3):126-8

Acromegaly due to secretion of growth hormone by an ectopic pancreatic islet-cell tumor. Melmed S, et al. **N Engl J Med** 1985 Jan 3;312(1):9-17

Parasellar metastases: four autopsied cases. Bitoh S, et al. **Surg Neurol** 1985 Jan;23(1):41-8

Mesenteric hernia in a cow. van der Velden MA. **Vet Rec** 1984 Oct 20;115(16):414

[Malignant fibrous histiocytoma of the mesentery. Echographic and x-ray computed tomographic aspects. Apropos of a case] Duchat A, et al. **J Radiol** 1985 Mar; 66(3):241-4 (Eng. Abstr.) **(Fre)**

[Disseminated fibromatosis of the mesenterium] Sieratzki J, et al. **Leber Magen Darm** 1985 Mar;15(2):90-2 (Eng. Abstr.) **(Ger)**

[Mesenteric lipodystrophy: differential diagnosis of a benign abdominal tumor] Janisch HD, et al. **Wien Med Wochenschr** 1984 Sep 30;134(18):417-9 (Eng. Abstr.) **(Ger)**

[A case of multiple endocrine adenomatosis with atypical mesenteric localization of 2 gastrinomas] Fontana D, et al. **Minerva Chir** 1984 Sep 15;39(17):1165-70 (Eng. Abstr.) **(Ita)**

[A case of mesenteric panniculitis diagnosed before operation and cured by colostomy] Sato T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1984 Oct;81(10):2582-7 **(Jpn)**

[Foreign body in the mesenteric root after blunt abdominal injury] Kordacki J, et al. **Wiad Lek** 1984 Nov 15; 37(22):1798-801 (Eng. Abstr.) **(Pol)**

[Effect of enkephalins on the motor function of smooth-muscle cells of the stomach and mesenteric lymphatic vessels] Zverev MD, et al. **Fiziol Zh SSSR** 1985 Feb;71(2):255-8 **(Rus)**

ANALYSIS

[Comparative characteristics of plasma lipoproteins and mesenteric lymph in the rabbit: spectrum and chemical properties] Denisenko AD, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):65-72 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Suggestive evidence for a functional unit between mast cells and substance P fibers in the rat diaphragm and mesentery. Skofitsch G, et al. **Histochemistry** 1985;82(1):5-8

[Mesentery collector valves in the guinea pig: morpho-functional aspects] Ibba L, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1651-7 (Eng. Abstr.) **(Ita)**

BLOOD SUPPLY

Effect of intravenous glucagon on the survival of rats after acute occlusive mesenteric ischemia. Cronenwett JL, et al. **J Surg Res** 1985 May;38(5):446-52

Preliminary pharmacological characterization of ovine mesenteric vasculature. Mirbahar KB, et al. **J Vet Pharmacol Ther** 1984 Sep;7(3):177-81

[Hemorrheological changes in microcirculation caused by fats of different dosage, composition and mode administration] Kobylinski S. **Zentralbl Allg Pathol** 1985; 130(2):125-37 (Eng. Abstr.) **(Ger)**

[Structural changes and hemodynamic relations in the microcirculatory bed of the mesentery of the white rat during the period of sexual maturation] Kistanova EK, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):72-8 (Eng. Abstr.) **(Rus)**

[Dynamics of microcirculatory system recovery in the post-stress period] Gorizontova MP. **Biull Eksp Biol Med** 1984 Oct;98(10):405-8 (Eng. Abstr.) **(Rus)**

[Mesenteric microvessel reactivity in rats in mesenteric shock] Hamar J, et al. **Biull Eksp Biol Med** 1984 Nov; 98(11):533-4 (Eng. Abstr.) **(Rus)**

[Development of the reactivity of the microcirculatory system of the rat mesentery during sexual maturation] Kistanova EK. **Biull Eksp Biol Med** 1985 Feb;99(2):135-7 (Eng. Abstr.) **(Rus)**

[Regulatory characteristics of the different components of the mesenteric microcirculatory bed in rats] Leont'eva GV. **Biull Eksp Biol Med** 1985 Jul;100(7):3-6 (Eng. Abstr.) **(Rus)**

CYTOLOGY

Comparative morphology of cells located on glass and in the loose connective tissue: a study by scanning electron microscopy. Haemmerli G, et al. **Cell Biol Int Rep** 1984 Aug;8(8):689-702

Changes in the distribution of filament-containing septate junctions as coelenterate myoepithelial cells change shape. Holley MC. **Tissue Cell** 1985;17(1):1-11

DRUG EFFECTS

Effect of ethacrynate sodium on transmesothelial transfer of solutes. Breborowicz A, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):617-9

ENZYMOLOGY

Cathepsin B containing cells in the rabbit mesentery during invasion of V2 carcinoma cells. Graf FM, et al. **Histochemistry** 1984;80(5):509-15

[Immunohistochemical localization of cathepsin B in the rabbit's mesenterium following intraperitoneal implantation of V2 carcinoma cells] Graf FM, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:263-7 **(Ger)**

INJURIES

Time-course and rate of healing after wounding the avascular mesentery in diabetic rats. Norrby K, et al. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov; 92(6):411-6

Homicidal blunt abdominal trauma with isolated laceration of the small bowel mesentery. Eriksson A. **Z Rechtsmed** 1984;93(2):143-6

[Nonpenetrating gunshot wound of the abdominal wall with multiple injuries to the intestines and mesentery] Tsagurishvili AV, et al. **Klin Khir** 1985 May;(5):67 **(Rus)**

[Penetrating injury of the abdomen with a metallic tube] Andrianov NG. **Vestn Khir** 1984 Aug;133(8):91-2 **(Rus)**

INNERVATION

Altered breathing pattern elicited by stimulation of abdominal visceral afferents. Prabhakar NR, et al. **J Appl Physiol** 1985 Jun;58(6):1755-60

The possibilities of using the scanning electron microscope for the study of sensory corpuscles. Malinovský L, et al. **Z Mikrosk Anat Forsch** 1984;98(4):621-30

[Adrenergic fibers in the suspensory system of the ovary in the swine] Szteyn S, et al. **Pol Arch Weter** 1984; 24(2):275-80 (Eng. Abstr.) **(Pol)**

METABOLISM

Splanchnic substrate balance in malnourished patients during parenteral nutrition. Gil KM, et al. **Am J Physiol** 1985 Apr; 248(4 Pt 1):E409-19

Morphology of peritumoral proteoglycan alterations in the rabbit mesentery invaded by V2 carcinoma cells. Müller-Glauser W, et al. **Int J Cancer** 1984 Oct 15; 34(4):545-53

[Electron microscopic characteristics of plant peroxidase transport pathways in the microcirculatory bed of the rabbit peritoneum] Korol' AP. **Arkh Anat Gistol Embriol** 1985 Feb;88(2):41-5 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Tumor-associated desmoplasia in the rabbit mesentery characterized by morphological, biochemical and cytophotometric methods. Haemmerli G, et al. **Int J Cancer** 1985 Apr 15;35(4):527-34

[Pathology of the rat mesenteric lymphatic bed in acute radiation sickness] Datsenko AV, et al. **Med Radiol (Mosk)** 1985 Feb;30(2):39-43 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

The hemodynamic response to traction on the abdominal mesentery. Seltzer JL, et al. **Anesthesiology** 1985 Jul; 63(1):96-9

On disturbance of homeostasis in organ-cultured tissue. Norrby K, et al. **In Vitro** 1984 Aug;20(8):607-14

RADIATION EFFECTS

[Method of integral evaluation of labrocytes of loose connective tissue of the rat mesentery in histologic preparations] Datsenko AV, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):90-1 **(Rus)**

RADIOGRAPHY

Computed tomography of the normal mesentery. Silverman PM, et al. **AJR** 1984 Nov;143(5):953-7

'Pulsatile' abdominal mass [clinical conference] Huber DJ, et al. **Invest Radiol** 1984 Jul-Aug;19(4):250-3

[Preoperative radiologic diagnosis of retractile mesenteritis. Prolonged efficacy of localized resection] Maroy B, et al. **Ann Radiol (Paris)** 1985;28(1):65-7 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

Abdominal and pelvic imaging as part of liver-spleen scintigraphy for the detection of mesenteric bleeding in trauma. A case report. Nagle CE, et al. **Clin Nucl Med** 1984 Dec;9(12):684-6

SURGERY

Long term results of the enteromesenteric bridge operation in the treatment of primary lymphoedema. Hurst PA, et al. **Br J Surg** 1985 Apr;72(4):272-4

Taking the ileal conduit through the mesentery: a method of reducing the incidence of intestinal obstruction. Clark PB. **Br J Urol** 1984 Aug;56(4):373-5

MESIAL MOVEMENT OF TEETH see under **TOOTH MIGRATION**

MESILATE, ETHYL see **ETHYL METHANESULFONATE**

MESILATE, METHYL see **METHYL METHANESULFONATE**

MESMERISM see **HYPNOSIS**

MESOCOLON

[Primary spontaneous hematoma of the mesosigmoid (letter)] Delière T, et al. **Gastroenterol Clin Biol** 1984 Aug-Sep; 8(8-9):677-8 **(Fre)**

SURGERY

[Mesosigmoidoplasty in the treatment of volvulus of the sigmoid. Personal technic] Gullino D, et al. **Minerva Chir** 1984 Dec 15-31;39(23-24):1709-11 (Eng. Abstr.) **(Ita)**

MESOCRICETUS see under **HAMSTERS**

MESODERM

Moyamoya disease with a developmental anomaly of the mesenchyme. Kato Y, et al. **Eur J Pediatr** 1985 May; 144(1):93-5

[Microcirculation, mesotherapy and thermography] Thierrée RA, et al. **J Mal Vasc** 1985;10 Suppl A:207-8 **(Fre)**

ANALYSIS

[Acetylcholine receptors in chick embryo somites] Giacobini Robecchi MG, et al. **Bull Assoc Anat (Nancy)** 1984 Mar; 68(200):41-4 (Eng. Abstr.) **(Fre)**

CYTOLOGY

Modification of the cell cycle of limb bud mesenchyme during in vitro cartilage differentiation. Hadházy C, et al. **Acta Biol Hung** 1983;34(4):407-14

Retinoids inhibit the differentiation of embryonic-mouse mesenchymal cells in vitro. Zimmermann B, et al. **Arch Dermatol Res** 1985;277(2):98-104

An osteo-inductive bone matrix extract stimulates the in vitro conversion of mesenchyme into chondrocytes. Syftestad GT, et al. **Calcif Tissue Int** 1984 Sep;36(5):625-7

5-Azacytidine induction of stable mesodermal stem cell lineages from 10T1/2 cells: evidence for regulatory genes controlling determination. Konieczny SF, et al. **Cell** 1984 Oct;38(3):791-800

Clonal growth and mesenchymal differentiation of PCC3/A/1 teratocarcinoma cells in serum-free medium. Atsumi T, et al. **Cell Struct Funct** 1985 Mar;10(1):47-54

Experimental evidence for a proteinaceous presegmental wave required for morphogenesis of axolotl mesoderm. Gillespie LL, et al. **Dev Biol** 1985 Jan;107(1):220-6

The relationship of nicotinamide adenine dinucleotide to the chondrogenic differentiation of limb mesenchymal cells. Midura RJ, et al. **Dev Biol** 1985 Sep;111(1):232-42

Hemopoietic differentiation potential of cultured lateral plate mesoderm explanted from Rana pipiens embryos at successive developmental stages. Smith PB, et al. **Differentiation** 1985;28(3):244-9

Separation of precursor myogenic and chondrogenic cells in early limb bud mesenchyme by a monoclonal antibody. Sasse J, et al. **J Cell Biol** 1984 Nov;99(5):1856-66

Allocation of mesendodermal cells during early embryogenesis in the starfish, Asterina pectinifera. Kominami T. **J Embryol Exp Morphol** 1984 Dec;84:177-90

Development of neuromuscular specificity in the grasshopper embryo: guidance of motoneuron growth cones by muscle pioneers. Ball EE, et al. **J Neurosci** 1985 Jul;5(7):1808-19

[Morphogenetic characteristics of the aggregates formed in epithelial and mesenchymal recombinations of the lungs from intact and urethane-exposed mouse embryos] Kolesnichenko TS, et al. **Biull Eksp Biol Med** 1985 Jan; 99(1):97-9 (Eng. Abstr.) **(Rus)**

METABOLISM

A monoclonal antibody inhibits calcium accumulation and skeleton formation in cultured embryonic cells of the sea urchin. Carson DD, et al. **Cell** 1985 Jun;41(2):639-48

Specific binding to cultured cells of 125I-labeled type beta transforming growth factor from human platelets. Tucker RF, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(21):6757-61

Appearance of basement membrane components during the differentiation of limb bud mesenchyme cells in culture. Hassell JR, et al. **Prog Clin Biol Res** 1985;171:75-86

PHYSIOLOGY

Somite formation and its relationship to metameric patterning of the mesoderm. Meier S. **Cell Differ** 1984 Oct; 14(4):235-43 (35 ref.)

Excitability changes of presumptive ectoderm following mesodermal induction. Ito S, et al. **Dev Biol** 1984 Oct; 105(2):300–14

Differential participation of ventral and dorsolateral mesoderms in the hemopoiesis of Xenopus, as revealed in diploid–triploid or interspecific chimeras. Maéno M, et al. **Dev Biol** 1985 Aug;110(2):503–8

Effects of human fetal gastroenteric mesenchymal cells on some developmental aspects of animal gut endoderm. Lacroix B, et al. **Differentiation** 1984;28(2):129–35

Precardiac mesoderm differentiation in vitro. Actin-isotype synthetic transitions, myofibrillogenesis, initiation of heartbeat, and the possible involvement of collagen. Wiens D, et al. **Differentiation** 1984;28(1):62–72

Concepts of epithelial–mesenchymal interactions during development: tooth and lung organogenesis. Slavkin HC, et al. **J Cell Biochem** 1984;26(2):117–25 (39 ref.)

Intestinal cytodifferentiation in vitro of chick stomach endoderm induced by the duodenal mesenchyme. Ishizuya-Oka A, et al. **J Embryol Exp Morphol** 1984 Aug; 82:163–76

On the role of fibronectin during the compaction stage of somitogenesis in the chick embryo. Lash JW, et al. **J Exp Zool** 1984 Nov;232(2):197–206

The organizer region and pattern regulation in amphibian embryos. Pate E. **J Theor Biol** 1984 Nov 21;111(2):387–96

A new theory about somite formation in the chick. Bellairs R. **Prog Clin Biol Res** 1985;171:25–44 (49 ref.)

Mesenchymal–epithelial interactions during androgen–induced development of the prostate. Cunha GR. **Prog Clin Biol Res** 1985;171:15–24 (35 ref.)

Somitogenesis: investigations on the mechanism of compaction in the presomitic mass and a possible role for fibronectin. Lash JW. **Prog Clin Biol Res** 1985;171:45–60

ULTRASTRUCTURE

Morphological observations on the mesodermal cells in the 8 day opossum embryo. Krause WJ, et al. **Anat Anz** 1985; 158(3):273–8

Morphogenesis of the head of a newt: mesodermal segments, neuromeres, and distribution of neural crest. Jacobson AG, et al. **Dev Biol** 1984 Nov;106(1):181–93

Morphological and experimental studies of the somitomeric organization of the segmental plate in snapping turtle embryos. Packard DS Jr, et al. **J Embryol Exp Morphol** 1984 Dec;84:35–48

MESONEPHROMA

Endodermal sinus tumor of the infant vagina. Kohorn EI, et al. **Gynecol Oncol** 1985 Feb;20(2):196–203

ANALYSIS

Rat yolk–sac antigen–2 defined by monoclonal antibodies. Van Hove L, et al. **Int J Cancer** 1985 Feb 15;35(2):237–44

Structure of the sugar chain of alphafetoprotein purified from a human yolk sac tumor and its reactivity with concanavalin A. Tsuchida Y, et al. **Tumour Biol** 1984; 5(1):33–40

COMPLICATIONS

Mixed ovarian germ cell tumor in 46,X, +mar Turner's syndrome: a case report. Sekiya S, et al. **Asia Oceania J Obstet Gynaecol** 1984 Sep;10(3):311–6

CONGENITAL

Extragonadal endodermal sinus tumour of face. Kedar GP, et al. **Indian J Cancer** 1984 Sep–Oct;21(4):130–2

DIAGNOSIS

[Serum lactic dehydrogenase assay in the diagnosis and therapeutic monitored of ovarian carcinoma] Mi RR. **Chung Hua Fu Chan Ko Tsa Chih** 1985 Mar;20(2):81–4, 126 (Eng. Abstr.) **(Chi)**

[Yolk sac tumor of primary orbital localization] Roth A, et al. **Ann Pediatr (Paris)** 1984 Oct;31(8):693–5 (Eng. Abstr.) **(Fre)**

[Primary mediastinal yolk sac tumor. Problems of diagnosis and therapy] Niewald M, et al. **Rontgenpraxis** 1984 Dec; 37(12):468–70 **(Ger)**

[A case of malignant Gartner's duct tumor presenting urinary symptoms] Tanigawa T, et al. **Nippon Hinyokika Gakkai Zasshi** 1985 Jan;76(1):104–9 (Eng. Abstr.) **(Jpn)**

DRUG THERAPY

Endodermal sinus tumor of the vagina. The role of primary chemotherapy. Andersen WA, et al. **Cancer** 1985 Sep 1; 56(5):1025–7

Successful treatment of mediastinal germ cell/endodermal sinus tumors. Vogelzang NJ, et al. **Chest** 1985 Jul;88(1):64–9

Cisplatin, vinblastine, and bleomycin therapy of yolk sac (endodermal sinus) tumor of the ovary. Sawada M, et al. **Gynecol Oncol** 1985 Feb;20(2):162–9

Modified VAB-3 combination chemotherapy of advanced and recurrent endodermal sinus tumors of the ovary. Tsukamoto N, et al. **Gynecol Oncol** 1985 Mar;20(3):336–45

Combination chemotherapy in the management of ovarian germ cell malignancies. Schwartz PE. **Obstet Gynecol** 1984 Oct;64(4):564–72

[A child with successfully treated posterior mediastinal endodermal sinus tumor] Oka T, et al. **Gan No Rinsho** 1984 Aug;30(10):1327–30 (Eng. Abstr.) **(Jpn)**

ENZYMOLOGY

Serum lactate dehydrogenase isoenzyme-1 in children with yolk sac tumor. Kinumaki H, et al. **Cancer** 1985 Jul 1; 56(1):178–81

METABOLISM

Origin of laminin in the extracellular matrix of human tumor xenografts in nude mice. Damjanov I, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):45–52

MORTALITY

[Germ cell tumors of the ovary] Hørding U, et al. **Ugeskr Laeger** 1985 Feb 25;147(9):784–8 (Eng. Abstr.) **(Dan)**

PATHOLOGY

Endodermal sinus tumor of the stomach. Motoyama T, et al. **Acta Pathol Jpn** 1985 Mar;35(2):497–505

Pulmonary endodermal tumor resembling fetal lung. Report of a case with immunohistochemical studies. Manning JT Jr, et al. **Arch Pathol Lab Med** 1985 Jan;109(1):48–50

Endodermal sinus tumor of the vagina and cervix. Copeland LJ, et al. **Cancer** 1985 Jun 1;55(11):2558–65

Anterior mediastinal endodermal sinus (yolk sac) tumor in a female infant. Gooneratne S, et al. **Cancer** 1985 Sep 15; 56(6):1430–3

A human embryonal–yolk sac carcinoma model system in athymic mice. Vogelzang NJ, et al. **Cancer** 1985 Jun 1; 55(11):2584–93

Normal pregnancy and delivery following conservative surgery and chemotherapy for ovarian endodermal sinus tumor. Bakri YN, et al. **Gynecol Oncol** 1984 Oct;19(2):222–5

Endodermal sinus tumor and embryonal carcinoma of the ovary in children. Morris HH, et al. **Gynecol Oncol** 1985 May;21(1):7–17

Gastric choriocarcinoma and yolk sac tumor in a man: observations about its possible origin. Garcia RL, et al. **Hum Pathol** 1985 Sep;16(9):955–8

Multipotentiality of yolk-sac carcinoma cell clones. Van Hove L, et al. **Int J Cancer** 1985 Jul 15;36(1):61–7

Primary mesonephric carcinoma of the female urethra. Rivard DJ, et al. **J Urol** 1985 Oct;134(4):756–7

[Mixed germ cell tumors of the ovary. Clinical and anatomopathologic analysis of 3 cases of mixed tumors composed of dysgerminoma and endodermal sinus tumor treated at the Mangiagalli Clinic 1970–1979] Carinelli SG, et al. **Ann Ostet Ginecol Med Perinat** 1984 May–Jun; 105(3):143–8 (Eng. Abstr.) **(Ita)**

[Transformation of ovarian yolk sac tumor to immature teratoma following chemotherapy] Ihara T, et al. **Gan No Rinsho** 1985 May;31(5):576–81 (Eng. Abstr.) **(Jpn)**

[Mesonephroma in a male patient] Mateev SD. **Vrach Delo** 1985 May;(5):99–101 **(Rus)**

RADIOTHERAPY

Tumor control with 125I seeds in childhood pelvic yolk sac tumor [letter] Mameghan H, et al. **Int J Radiat Oncol Biol Phys** 1985 Jun;11(6):1227–8

SECONDARY

Primary yolk sac tumor of the neck metastasizing to the spine: seen on CT. Newmark H 3d, et al. **Comput Radiol** 1985 Jan–Feb;9(1):25–7

SURGERY

Endodermal sinus tumors [editorial] Logothetis CJ. **Chest** 1985 Jul;88(1):6–7

Conservative management of testicular endodermal sinus tumor in childhood. Carroll WL, et al. **J Urol** 1985 Jun; 133(6):1011–4

Successful treatment of yolk sac tumor of the lower abdominal wall with lymph node metastases. Kihara K, et al. **J Urol** 1985 Aug;134(2):374–6

[Gonadal and extragonadal yolk sac tumor] Gottschalk E, et al. **Zentralbl Chir** 1985;110(6):351–9 (Eng. Abstr.) **(Ger)**

THERAPY

Endodermal sinus tumor of the mediastinum. Report of apparent cure in two patients with extensive disease. Rusch VW, et al. **Chest** 1984 Nov;86(5):745–7

[4-year course without recurrence after treatment of an inoperable endodermal sinus tumor of the mediastinum] von Rottkay P. **Strahlentherapie** 1984 Oct;160(10):587–9 (Eng. Abstr.) **(Ger)**

[A case of recurrent yolk sac tumor of the testis in childhood: bulky retroperitoneal metastatic tumors cured by tumor resection and chemotherapy] Terachi T, et al. **Hinyokika Kiyo** 1985 Mar;31(3):507–16 (Eng. Abstr.) **(Jpn)**

[Evaluation of the results of treatment of endodermal sinus tumor in children] Woźniak W. **Probl Med Wieku Rozwoj** 1984;13:134–8 (Eng. Abstr.) **(Pol)**

[Yolk sac tumors in children] Shabanov MA, et al. **Pediatriia** 1985 Mar;(3):53–5 **(Rus)**

ULTRASTRUCTURE

Yolk sac tumor in the cerebellum––a case report. Takeda Z, et al. **Kobe J Med Sci** 1985 Apr;31(2):63–72

[Tumors of the endodermal sinus of the ovary. Clinical and anatomopathologic analysis of 3 cases treated at the Mangiagalli Clinic 1970–1979] Carinelli SG, et al. **Ann Ostet Ginecol Med Perinat** 1984 May–Jun; 105(3):149–60 (Eng. Abstr.) **(Ita)**

MESONEPHROS

BLOOD SUPPLY

Vascularization and glomerular ultrastructure in the pig mesonephros. Tiedemann K, et al. **Cell Tissue Res** 1984; 238(1):165–75

CYTOLOGY

Basement membrane in differentiating mesonephric and paramesonephric ducts of male and female rat fetuses. Paranko J, et al. **Differentiation** 1985;29(1):39–49

[Structural, ultrastructural and cytochemical study of the mesonephros in the chick embryo] Avila RE, et al. **Arch Esp Urol** 1985 Jan–Feb;38(1):1–8 (Eng. Abstr.) **(Spa)**

METABOLISM

Mesonephric excretory function related to its influence on differentiation of fetal gonads. Grinsted J, et al. **Anat Rec** 1984 Dec;210(4):551–6

Renin immunohistochemistry in the mesonephros and metanephros of the pig embryo. Egerer G, et al. **Histochemistry** 1984;81(4):385–90

PHYSIOLOGY

Role of the thyroid in the involution of the mesonephric Malpighian corpuscles in the chick embryo. Vergnaud O, et al. **Biol Cell** 1984;51(1):97–104

ULTRASTRUCTURE

The pig mesonephros. III. Distal tubule, collecting tubule, and Wolffian duct: SEM- and TEM-studies. Tiedemann K. **Anat Embryol (Berl)** 1985;172(1):123–32

MESONS see under **ELEMENTARY PARTICLES**

MESOPORPHYRINS see under **PORPHYRINS**

MESORIDAZINE

THERAPEUTIC USE

Tardive Tourette's syndrome treated with clonidine and mesoridazine. Munetz MR, et al. **Psychosomatics** 1985 Mar; 26(3):254, 257

MESOSIGMOID see **MESOCOLON**

MESOTHELIOMA

Benign and malignant pleural mesothelioma. Antman KH, et al. **Clin Chest Med** 1985 Mar;6(1):127–40 (112 ref.)

Atrioventricular node 'mesothelioma' with multicystic ovaries. Report of a case in a nine-year-old girl. Duray PH, et al. **Minn Med** 1984 Oct;67(10):549–51, 558

[Multicystic peritoneal mesothelioma] Záhoř Z, et al. **Cas Lek Cesk** 1984 Sep 28;123(38–39):1205–9 (Eng. Abstr.) **(Cze)**

[Mesotheliomas] Schützner J, et al. **Sb Lek** 1984 Jun; 86(5–6):176–85 (Eng. Abstr.) **(Cze)**

[Malignant peritoneal mesothelioma] Zolenko D. **Rev Med Liege** 1985 May 15;40(10):423–7 (40 ref.) **(Fre)**

ANALYSIS

S-100 protein in malignant mesotheliomas. Rasmussen OO, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1985 Jul; 93(4):199–201

Analysis of hyaluronic acid in the diagnosis of malignant mesothelioma. Chiu B, et al. **Cancer** 1984 Nov 15; 54(10):2195–9

CHEMICALLY INDUCED

Erionite exposure and mesotheliomas in rats. Wagner JC, et al. **Br J Cancer** 1985 May;51(5):727–30

Experimental induction of mesothelioma using 9:10-dimethyl, 1:2-benzanthracene (DMBA) in chicken. Beohar PC, et al. **Indian J Exp Biol** 1984 Feb;22(2):78–80

COMPLICATIONS

Treatment of malignant pleural effusion. Reshad K, et al. **Chest** 1985 Sep;88(3):393–7

Recurrent cardiac temponade in pericardial mesothelioma. Singh A, et al. **J Assoc Physicians India** 1984 Sep; 32(9):836–7

A mesothelioma presenting with multicentric reticulohistiocytosis. Honeybourne D, et al.

Postgrad Med J 1985 Jan;61(711):57-9

Pleural mesothelioma and the syndrome of inappropriate secretion of antidiuretic hormone. Siafakas NM, et al. **Thorax** 1984 Nov;39(11):872-3

[Achalasia of the lower esophageal sphincter caused by pleural mesothelioma (letter)] Hostein J, et al. **Gastroenterol Clin Biol** 1984 Nov;8(11):880-1 **(Fre)**

[Hypertrophic osteoarthropathy secondary to benign fibrous mesothelioma] Bjerkhoel FJ, et al. **Tidsskr Nor Laegeforen** 1985 Apr 20;105(11):735-7, 741 (Eng. Abstr.) **(Nor)**

[Rare case of rheumatic heart valve disease combined with pericardial mesothelioma in a 28-year-old patient] Selivanenko VT, et al. **Grudn Khir** 1985 May-Jun;(3):93 **(Rus)**

DIAGNOSIS

Ultrastructural studies of cells in body cavity effusions. Bewtra C, et al. **Acta Cytol (Baltimore)** 1985 May-Jun; 29(3):226-38

The distinction of mesothelioma from adenocarcinoma in malignant effusions by electron microscopy. Kobzik L, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):219-25

Malignant mesothelioma and CEA staining [letter] Mukai K. **Am J Surg Pathol** 1985 Feb;9(2):159-60

Mesothelioma of the atrioventricular node. Nishida K, et al. **Br Heart J** 1985 Apr;53(4):468-70

Hyaluronic acid content of effusions as a diagnostic aid for malignant mesothelioma. Roboz J, et al. **Cancer Res** 1985 Apr;45(4):1850-4

Rounded atelectasis or pleuroma? [letter] Sinner WN. **Chest** 1985 Aug;88(2):312-3

Peritoneal mesothelioma. Raptopoulos V. **CRC Crit Rev Diagn Imaging** 1985;24(4):293-328 (67 ref.)

Pleural mesotheliomas. Mahmood S, et al. **Indian J Cancer** 1983 Nov-Dec;20(5):247-54

Pericardial mesothelioma masquerading as a benign pericardial effusion. Coplan NL, et al. **J Am Coll Cardiol** 1984 Dec;4(6):1307-10

Use of antibodies to carcinoembryonic antigen and human milk fat globule to distinguish carcinoma, mesothelioma, and reactive mesothelium. Marshall RJ, et al. **J Clin Pathol** 1984 Nov;37(11):1215-21

A difficult chest pain. Morse RH. **J La State Med Soc** 1985 Jan;137(1):17-8, 20

Benign cystic peritoneal mesothelioma. Schneider JA, et al. **JCU** 1985 Mar-Apr;13(3):190-2

Comparison of tumour markers in malignant mesothelioma and pulmonary adenocarcinoma. Gibbs AR, et al. **Thorax** 1985 Feb;40(2):91-5

The use of vimentin antibodies in the diagnosis of malignant mesothelioma. Jasani B, et al. **Virchows Arch [A]** 1985; 406(4):441-8

Malignant mesothelioma. De Kraay WH. **Wis Med J** 1985 Feb;84(2):32-4

[Mesothelioma of the pericardium diagnosed by echocardiography] Widimský P, et al. **Cas Lek Cesk** 1984 Nov 23;123(47):1442-3 (Eng. Abstr.) **(Cze)**

[Ultrasonic scanning of a pleural mesothelioma] Cold S, et al. **Ugeskr Laeger** 1984 Sep 10;146(37):2789 (Eng. Abstr.) **(Dan)**

[Peritoneal mesothelioma. Natural history] Zolenko D, et al. **Acta Gastroenterol Belg** 1984 Jul-Aug;47(4):360-9 (Eng. Abstr.) **(Fre)**

[Malignant pleural mesothelioma: clinical aspects and results of treatment] Leblanc P, et al. **Union Med Can** 1984 Nov; 113(11):968-72 (Eng. Abstr.) **(Fre)**

[Malignant pleural mesotheliomas. Comparison of roentgenologic and autopsy findings] Lange S, et al. **ROFO** 1984 Oct;141(4):402-8 (Eng. Abstr.) **(Ger)**

[Peritoneal mesotheliomas and exposure to asbestos] Ben-Dror G, et al. **Harefuah** 1985 May 1;108(9):435-7 (Eng. Abstr.) **(Heb)**

[Echocardiographic manifestations of primary pericardial mesothelioma: report of a case] Koike S, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1477-84 **(Jpn)**

[Ultrasonographic and CT findings in mesothelioma] Ikezoe J, et al. **Rinsho Hoshasen** 1985 Feb;30(2):307-10 (Eng. Abstr.) **(Jpn)**

[A case of localized pleural mesothelioma simulating mediastinal tumor] Przystasz T, et al. **Pneumonol Pol** 1984 Aug;52(8):393-6 (Eng. Abstr.) **(Pol)**

[Diagnosis of primary tumors of the heart] Manukian GA, et al. **Revmatologiia (Moskva)** 1984 Oct-Dec;(4):51-3 **(Rus)**

DRUG THERAPY

Phase II trial of high-dose cisplatin in patients with malignant mesothelioma. Mintzer DM, et al. **Cancer Treat Rep** 1985 Jun;69(6):711-2

Intracavitary cisplatin chemotherapy for mesothelioma. Pfeifle CE, et al. **Cancer Treat Rep** 1985 Feb;69(2):205-7

[Intrapleural injection of hyaluronidase in mesothelioma (letter)] Mulliez P, et al. **Presse Med** 1985 Jun 22; 14(25):1383 **(Fre)**

[A case of remission in diffuse pleural mesothelioma induced by anticancer chemotherapy with cisplatin and adriamycin] Kinoshita S, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1872-6 (Eng. Abstr.) **(Jpn)**

ETIOLOGY

Mineral fibres and cancer. McDonald JC. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):345-52

On the relative toxicity of asbestos fibres [letter] Finkelstein M. **Br J Ind Med** 1985 Jan;42(1):69-70

Mesothelioma and asbestos fibre type [letter] McDonald AD, et al. **Br J Ind Med** 1985 Aug;42(8):567-8

Histological types of malignant mesothelioma and asbestos exposure. Wright WE, et al. **Br J Ind Med** 1984 Nov; 41(4):514-7

Are all mesotheliomas due to asbestos? [editorial] Davies D. **Br Med J [Clin Res]** 1984 Nov 3;289(6453):1164-5

Malignant pleural mesothelioma following radiotherapy in a 16-year-old boy. Anderson KA, et al. **Cancer** 1985 Jul 15;56(2):273-6

Association of lymphocytic neoplasia and mesothelioma. Efremidis AP, et al. **Cancer** 1985 Mar 1;55(5):1056-9

Fiber concentration in lung tissue of patients with malignant mesothelioma. A case-control study. Mowé G, et al. **Cancer** 1985 Sep 1;56(5):1089-93

Malignant mesothelioma induced by asbestos and zeolite in the mouse peritoneal cavity. Suzuki Y, et al. **Environ Res** 1984 Oct;35(1):277-92

Mesothelioma--short latent period after industrial asbestos exposure and prolonged survival. Abratt RP, et al. **Eur J Surg Oncol** 1985 Sep;11(3):279-82

Multiple primary malignancies [letter] Hoffman RS, et al. **J Clin Oncol** 1984 Nov;2(11):1305

Asbestos. An environmental reality. Craighead JE. **JAMA** 1984 Dec 21;252(23):3292-3

Asbestos-associated diseases: lessons from the past for the future [letter] Fischbein A, et al. **JAMA** 1985 Sep 13; 254(10):1309-10

Occupational asbestos exposure, lung-fiber concentration and latency time in malignant mesothelioma. Mowé G, et al. **Scand J Work Environ Health** 1984 Oct;10(5):293-8

[Proposed outline of the most likely pathogenetic patterns in mesotheliomas, especially of the pleura] Giampalmo A, et al. **Pathologica** 1984 Jul-Aug;76(1044):437-42 (Eng. Abstr.) **(Ita)**

[Morphological assessment of pleural tumors induced in rats by Dzhetygara chrysotile asbestos and lizardite] Kulagina TF, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):27-9 (Eng. Abstr.) **(Rus)**

[Etiology, pathogenesis and clinico-morphological characteristics of mesotheliomas (a review of the literature)] Zerbino DD, et al. **Vrach Delo** 1984 Oct;(10):4-8 (79 ref.) **(Rus)**

FAMILIAL & GENETIC

Familial mesothelioma: review and family study. Lynch HT, et al. **Cancer Genet Cytogenet** 1985 Feb 1;15(1-2):25-35

IMMUNOLOGY

Immunoperoxidase study on adenomatoid tumor of the epididymis using anti-mesothelial cell serum. Mucientes F, et al. **Cancer** 1985 Jan 15;55(2):363-5

Factor VIII-related antigen in malignant mesotheliomas [letter] Balaton AJ. **Histopathology** 1985 Jun;9(6):673-4

METABOLISM

Pericardial mesothelioma: hyaluronic acid in pericardial fluid. Takeda K, et al. **Am Heart J** 1985 Aug;110(2):486-8

Lung asbestos content in chrysotile workers with mesothelioma. Churg A, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1042-5

Immunohistochemical characterization of mesotheliomas [letter] Pileri S, et al. **Appl Pathol** 1983 Nov-Dec; 1(6):348-50

Glycosaminoglycans in malignant diffuse mesothelioma. Kawai T, et al. **Cancer** 1985 Aug 1;56(3):567-74

Keratins in malignant mesotheliomas and pleural adenocarcinomas: comparative immunohistochemical analysis with polyclonal and monoclonal antibodies. Bejui-Thivolet F, et al. **Pathol Res Pract** 1984 Sep; 179(1):67-73

[Two cases of CSF-producing lung tumor] Fujii H, et al. **Rinsho Ketsueki** 1984 Oct;25(10):1653-7 (Eng. Abstr.) **(Jpn)**

MORTALITY

Combined effect of asbestos and smoking on mortality from lung cancer and mesothelioma in factory workers. Berry G, et al. **Br J Ind Med** 1985 Jan;42(1):12-8

Trends in mortality from malignant mesothelioma of the pleura, and production and use of asbestos in Australia. Xu Z, et al. **Med J Aust** 1985 Sep 2;143(5):185-7

[Model for evaluation of occupational mortality related to asbestos (the case of the asbestos industry in France between 1950 and 1980)] Le Gales C. **Rev Epidemiol Sante Publique** 1984;32(2):122-33 (Eng. Abstr.) **(Fre)**

OCCURRENCE

Trend and distribution of mesothelioma in Denmark. Andersson M, et al. **Br J Cancer** 1985 May;51(5):699-705

Mesothelioma of the peritoneum during 1967-82 in England and Wales. Gardner MJ, et al. **Br J Cancer** 1985 Jan; 51(1):121-6

Recent trends in incidence rates of pleural mesothelioma in British Columbia. Morrison HI, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1069-71

Malignant mesothelioma in British Columbia in 1982. Churg A. **Cancer** 1985 Feb 1;55(3):672-4

Occupational risks for pleural mesothelioma in Sweden, 1961-79. Malker HS, et al. **JNCI** 1985 Jan;74(1):61-6

Malignant mesothelioma--clinical and epidemiological features. A report of 80 cases. Solomons K. **S Afr Med J** 1984 Sep 15;66(11):407-12

Indications of an increase of occupational pleural mesothelioma in Japan. Baba K. **Sangyo Ika Daigaku Zasshi** 1983 Mar 1;5(1):3-15

PATHOLOGY

Peritoneal mesothelioma: case report and review of the literature. Chachati A, et al. **Acta Clin Belg** 1984; 39(3):141-7

Benign-appearing mesothelioma cells in a serous effusion [letter] Guffanti MC, et al. **Acta Cytol (Baltimore)** 1985 Jan-Feb;29(1):90-2

Mesothelioma. Histological and electron microscopic study of human cases. Ebihara Y, et al. **Acta Pathol Jpn** 1984 Nov;34(6):1411-24

Benign mesothelial proliferation with effusion. Clinicopathologic entity that may mimic malignancy. Hansen RM, et al. **Am J Med** 1984 Nov;77(5):887-92

Diffuse malignant peritoneal mesothelioma in a 13-year-old girl. Report of a case and review of the literature. Talerman A, et al. **Am J Surg Pathol** 1985 Jan;9(1):73-80

Analysis of number, size and distribution patterns of lipid vacuoles in benign and malignant mesothelial cells. Boon ME, et al. **Anal Quant Cytol** 1984 Dec;6(4):221-6

Biochemical and cytological features of diffuse mesotheliomas of the pleura. Matzel W. **Arch Geschwulstforsch** 1985;55(4):259-64

Cell population and histochemistry of asbestos related lesions of rat pleural cavity after injection of various inorganic dusts. Edwards RE, et al. **Br J Ind Med** 1984 Nov; 41(4):506-13

Benign cystic mesothelioma. Case reports. Philip G, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):932-8

Distinction of mesothelioma from adenocarcinoma. An immunohistochemical approach. Battifora H, et al. **Cancer** 1985 Apr 15;55(8):1679-85

Ultrastructural diagnosis of epithelial malignant mesothelioma. Burns TR, et al. **Cancer** 1985 Oct 15; 56(8):2036-40

Malignant mesothelioma secondary to chronic inflammation and old scars. Two new cases and review of the literature. Hillerdal G, et al. **Cancer** 1985 May 1;55(9):1968-72

Morphological aspects of mesotheliomas after intratracheal instillations of fibrous dusts in Syrian golden hamsters. Mohr U, et al. **Exp Pathol** 1984;26(3):179-83

Benign localized mesothelioma of the pleura. Janssen JP, et al. **Histopathology** 1985 Mar;9(3):309-13

Immunohistological study of malignant diffuse mesotheliomas of the pleura. Loosli H, et al. **Histopathology** 1984 Sep; 8(5):793-803

Malignant peritoneal mesothelioma in children: description of two cases and review of the literature. Kovalivker M, et al. **J Pediatr Surg** 1985 Jun;20(3):274-5

Peritoneal mesothelioma with an unusual gross appearance (a case report). DeSa LA, et al. **J Postgrad Med** 1984 Apr; 30(2):116-8

Malignant mesothelioma. Adult Tumor Board [clinical conference] Rowland K, et al. **Med Pediatr Oncol** 1985; 13(1):40-5

Papillary peritoneal neoplasms in females. McCaughey WT. **Pathol Annu** 1985;20 Pt 2:387-404

Mesothelial proliferation: a questionable boundary with malignancy. Quaglia AC. **Pathologica** 1984 May-Jun; 76(1043):387-90

Detection of carcinoembryonic antigen as an aid in differential diagnosis of cells in pleural and peritoneal effusions. Breborowicz D, et al. **Patol Pol** 1984 Jan-Mar; 35(1):37-43

Establishment and characterization of human malignant pleural mesothelioma cell line SMC-1. Wu SF, et al. **Sci Sin [B]** 1985 Mar;28(3):281-8

Adenomatoid tumor of ejaculatory duct. Fan K, et al. **Urology** 1985 Jun;25(6):653-4

[Pleural mesothelioma in an autopsy sample of the Institute of Pathology of the Spandau Hospital] Hartmann CA. **Prax Klin Pneumol** 1985 Feb;39(2):59-64 (Eng. Abstr.) **(Ger)**

[Primary soft tissue tumors of the epididymis, paratesticular tissue and spermatic cord] Kosmehl H, et al. **Zentralbl Allg Pathol** 1985;130(1):5-12 (Eng. Abstr.) **(Ger)**

[Adenomatoid tumor of the uterus--a light-microscopical, electronmicroscopical, histochemical and immunohistochemical study] Suzuki T, et al. **Gan No Rinsho** 1985 Feb;31(2):223-9 (Eng. Abstr.) **(Jpn)**

[Malignant pleural mesothelioma with invasion to the ribs and the spine--report of a case] Fujiwara S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):255-9 (Eng. Abstr.) **(Jpn)**

[Malignant pleural mesothelioma with disseminated thrombi and myocardial metastases] Molina Boix M, et al. **Rev Clin Esp** 1985 Mar;176(5):248-50 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

Computed tomography of localized pleural mesothelioma. Dedrick CG, et al. **AJR** 1985 Feb;144(2):275-80

Angiography of omental mesothelioma. Marini K, et al. **AJR** 1984 Nov;143(5):1075-7

Left-sided large tumour. Hillerdal G. **Eur J Respir Dis** 1984 Nov;65(8):611-2

Malignant diffuse pleural mesothelioma--does it produce mediastinal shift? Stark P, et al. **Radiologe** 1985 Feb;25(2):66-8

[A rare cause of air bronchogram: malignant pleural mesothelioma. Apropos of a case] Pandolfo I, et al. **Ann Radiol (Paris)** 1985;28(1):73-5 (Eng. Abstr.) **(Fre)**

[Computerized tomography of pleuropulmonary pathology due to asbestos] Dongay G, et al. **Rev Mal Respir** 1985; 2(1):31-6 (Eng. Abstr.) **(Fre)**

[Malignant diffuse pleural mesothelioma: a comparison between computed tomography and the conventional chest x-ray] Bohndorf K, et al. **Digitale Bilddiagn** 1985 Mar; 5(1):10-5 (Eng. Abstr.) **(Ger)**

[Mesotheliomas of the pleura and peritoneum] Engelhard K, et al. **Radiologe** 1985 Feb;25(2):60-5 (Eng. Abstr.) **(Ger)**

[A case of bilateral diffuse malignant pleural mesothelioma with patchy and reticular shadows on the chest X-ray film] Yano T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Aug;22(8):690-5 (Eng. Abstr.) **(Jpn)**

RADIONUCLIDE IMAGING

Gallium scanning in peritoneal mesothelioma. Armas RR, et al. **AJR** 1985 Mar;144(3):563-5

Unexpected gallium uptake in benign pulmonary pathology. Report of two cases. McLean RG, et al. **Clin Nucl Med** 1984 Dec;9(12):675-8

RADIOTHERAPY

Pleural mesothelioma treated by fast neutron therapy. Blake PR, et al. **Thorax** 1985 Jan;40(1):72-3

SECONDARY

Cytology of mesothelioma of the tunica vaginalis metastatic to the lung. Ehya H. **Acta Cytol (Baltimore)** 1985 Jan-Feb; 29(1):79-84

Tumour spread through the obturator foramen. Abratt RP, et al. **Br J Radiol** 1985 Jul;58(691):673-4

Peritoneovenous shunt for intractable malignant ascites. A single case report of metastatic peritoneal mesothelioma implanted via LeVeen shunt. Nervino HE, et al. **Cancer** 1984 Nov 15;54(10):2231-3

SURGERY

Macrocystic peritoneal mesothelioma. Wetzel WJ, et al. **South Med J** 1985 Aug;78(8):1004-7

[A case of malignant localized pleural mesothelioma] Higami T, et al. **Kyobu Geka** 1984 Sep;37(10):814-8 (Eng. Abstr.) **(Jpn)**

THERAPY

[What should be done in diffuse pleural mesothelioma?] Pellegrini GF, et al. **Minerva Chir** 1985 Feb 28;40(4):191-3 **(Ita)**

ULTRASTRUCTURE

A case of malignant mesothelioma containing fibrous long-spacing fibers in the sarcomatous stroma. Katsuda S, et al. **Appl Pathol** 1984;2(1):1-9

Multipotential behaviour of cloned rat mesothelioma cells with epithelial phenotype. Brown DG, et al. **Br J Cancer** 1985 Feb;51(2):245-52

Congenital endodermal heterotopia of the atrioventricular node: evidence for the endodermal origin of so-called mesotheliomas of the atrioventricular node. Linder J, et al. **Hum Pathol** 1984 Nov;15(11):1093-8

An ultrastructural comparison of mesotheliomas with adenocarcinomas of the lung and breast. Warhol MJ, et al. **Hum Pathol** 1985 Jan;16(1):50-5

Asbestos-associated chromosomal changes in human mesothelial cells. Lechner JF, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3884-8

Immunohistochemical and electron microscopic study of twelve adenomatoid tumors. Svanholm H, et al. **Tumori** 1985 Apr 30;71(2):141-5

Ultrastructure of poorly differentiated diffuse epithelial mesotheliomas. Dardick I, et al. **Ultrastruct Pathol** 1984; 7(2-3):151-60

[Ultrastructure of asbestos-induced mesotheliomas] Topov Ia, et al. **Vopr Onkol** 1985;31(4):75-8 (Eng. Abstr.) **(Rus)**

URINE

Urinary hypoxanthine and pseudouridine as indicators of tumor development in mesothelioma-transplanted nude mice. Buhl L, et al. **Cancer Res** 1985 Mar;45(3):1159-62

VETERINARY

Costal bone changes similar to hypertrophic osteopathy associated with pulmonary and abdominal mesothelioma in a dog. Craig JA, et al. **J Am Vet Med Assoc** 1985 May 15;186(10):1100-1

Lymphatic metastasis in a case of feline peritoneal mesothelioma. Suzuki Y, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):511-6

Spontaneous pericardial mesothelioma in a rat. Nash G, et al. **Z Versuchstierkd** 1984;26(5):185-8

MESTEROLONE see under **STANOLONE**

MESTRANOL

ADVERSE EFFECTS

Effect of long term hormone replacement on plasma prolactin concentrations in women after oophorectomy. Barlow DH, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):589-91

[Intrahepatic cholestasis in hormonal contraception--a case with a difficult and expensive differential diagnosis] Böhme HH, et al. **Zentralbl Gynakol** 1985;107(5):311-2 (Eng. Abstr.) **(Ger)**

[Arterial occlusion in the ocular fundus induced by oral contraceptives] Vastag O, et al. **Orv Hetil** 1984 Dec 16; 125(51):3121-5 (Eng. Abstr.) **(Hun)**

[Effect of long-term administration of Angravid on the morphological and ultrastructural picture of rat livers] Chibowski D, et al. **Patol Pol** 1984 Apr-Jun;35(2):167-78 (Eng. Abstr.) **(Pol)**

DIAGNOSTIC USE

[Value of the dexamethasone-mestranol-HCG test for the differential diagnosis of forms of hirsutism] Wodrig W, et al. **Zentralbl Gynakol** 1985;107(14):883-8 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Effect of a steroidal oral contraceptive on intestinal absorptive functions in proteins deficient rat. Nagpaul JP, et al. **Biochem Int** 1985 Feb;10(2):273-81

Effects of oral contraceptive steroids (norethisterone/mestranol) on the activities of hepatic drug-metabolizing enzymes in iron-deficient anemic rats. Mizokami K, et al. **Experientia** 1985 Jun 15;41(6):734-6

Effect of contraceptive steroids on metabolism of glutamic acid & GABA in rat brain. Rao IM, et al. **Indian J Med Res** 1984 Nov;80:577-82

Rationale for a triphasic oral contraceptive. Pasquale SA. **J Reprod Med** 1984 Jul;29(7 Suppl):560-7

[Hormonal contraceptives in female rowers] Lisý Z. **Cas Lek Cesk** 1984 Aug 31;123(35):1086-90 (Eng. Abstr.) **(Cze)**

META-DIHYDROXYBENZENES see **RESORCINOLS**

META-HYDROXYNOREPHEDRINE see **METARAMINOL**

METABOLIC ACTIVATION see **BIOTRANSFORMATION**

METABOLIC CLEARANCE RATE

[Controversy in the definition of clearance. II. Methods of derivation and conditions of the validity of the Cl = Vd ke relationship] Vitko A, et al. **Cesk Farm** 1984 Jun; 33(5):187-91 (Eng. Abstr.) **(Slo)**

[Variations in the definition of clearance. I. Derivation of the exact formula for calculating clearance] Vitková Z, et al. **Cesk Farm** 1984 Feb;33(1):24-6 (Eng. Abstr.) **(Slo)**

METABOLIC DETOXICATION, DRUG

Abuse of a commonly prescribed analgesic preparation. Devenyi P, et al. **Can Med Assoc J** 1985 Aug 15; 133(4):294-6

Detoxication of xenobiotics by earthworms. Stenersen J. **Comp Biochem Physiol [C]** 1984;78(2):249-52 (23 ref.)

Xenobiotic metabolism in the maternal-placental-fetal unit: implications for fetal toxicity. Pelkonen O. **Dev Pharmacol Ther** 1984;7 Suppl 1:11-7 (24 ref.)

Selenium deficiency and detoxication functions in the rat: effect of chronic dietary cadmium. Olsson U. **Drug Nutr Interact** 1985;3(3):129-40

Detoxification of nitrosamides and nitrosocarbamates in blood plasma and tissue homogenates. Aukerman SL, et al. **Environ Mutagen** 1984;6(6):835-49

Drug metabolism in the newborn. Mannering GJ. **Fed Proc** 1985 Apr;44(7):2302-8 (34 ref.)

[Toxicologic significance of the interaction of foreign substances with glutathione and glutathione S-transferases] Hennighausen G. **Z Gesamte Hyg** 1984 Nov;30(11):603-6 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Inhibition of hepatic drug metabolism by (+)-cyanidanol-3 (Catergen) in chronic alcoholic liver disease. Pár A, et al. **Acta Physiol Hung** 1984;64(3-4):449-54

METABOLIC DISEASES

CHEMICALLY INDUCED

Fetal PCB syndrome: clinical features, intrauterine growth retardation and possible alteration in calcium metabolism. Yamashita F, et al. **Environ Health Perspect** 1985 Feb; 59:41-5

[Clinico-morphological characteristics of the sequelae of the parenteral administration of gemodes and polyglucin to children] Samokhin PA, et al. **Arkh Patol** 1984;46(10):64-71 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Floppy eyelid with hyperglycinemia. Gerner EW, et al. **Am J Ophthalmol** 1984 Nov;98(5):614-6

Methionine intolerance: a possible risk factor for coronary artery disease. Murphy-Chutorian DR, et al. **J Am Coll Cardiol** 1985 Oct;6(4):725-30

Status epilepticus, hypothermia and metabolic chaos in a man with agenesis of the corpus callosum. Johnson MH, et al. **J Neurol Neurosurg Psychiatry** 1985 May;48(5):480-3

[Dysmetabolic cutaneous microangiopathies. Histochemical and histoimmunological characteristics] Lisi P. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):17-23 (Eng. Abstr.) **(Ita)**

DIAGNOSIS

[Clinical aspects, pathophysiology and diagnosis of artificial metabolic diseases] Lüscher T, et al. **Schweiz Rundsch Med Prax** 1984 Oct 9;73(41):1253-60 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

L-carnitine: therapeutic strategy for metabolic encephalopathy. Kim CS, et al. **Brain Res** 1984 Sep 17; 310(1):149-53

ETIOLOGY

Adverse metabolic consequences of total parenteral nutrition. Klein GL, et al. **Cancer** 1985 Jan 1;55(1 Suppl):305-8

Vitamins in nutritional and metabolic imbalances. Baker H. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:147-55

Metabolic complications associated with severe diffuse brain injury. Spielman G. **J Neurosurg Nurs** 1985 Apr;17(2):83-8

[Endocrine and metabolic disorders in anorexia nervosa. Their meaning] Chupin M, et al. **Encephale** 1984; 10(3):125-9 (Eng. Abstr.) **(Fre)**

[Incidence of osteodystrophy after transplantation: basic outlines and orthopedic problems] Giraldi A, et al. **Chir Ital** 1982 Jun;34(3):445-54 (Eng. Abstr.) **(Ita)**

[Dynamics of the development of metabolic disorders and cachexia in stomach cancer patients and the means for their elimination] Khyrov GG. **Vestn Akad Med Nauk SSSR** 1985;(3):79-83 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Fetoplacental physiology in relation to metabolic diseases. Faulk WP. **J Inherited Metab Dis** 1984;7(4):172-4 (33 ref.)

Immunology and immunogenetics in metabolic diseases. Cheţa D. **Med Interne** 1985 Jan-Mar;23(1):3-12 (27 ref.)

METABOLISM

The pharmacologic treatment of portal hypertension. Groszmann RJ, et al. **Annu Rev Med** 1985;36:81-91 (96 ref.)

Adenosine triphosphate degradation in specific disease. Fox IH. **J Lab Clin Med** 1985 Aug;106(2):101-10

OCCURRENCE

The application of a sequential procedure with elimination as a method for the screening for metabolic diseases. Geertsema JC, et al. **Biometrics** 1984 Sep;40(3):663-73

PATHOLOGY

Golgi and computer morphometric analysis of cortical dendrites in metabolic storage disease. Takashima S, et al. **Exp Neurol** 1985 Jun;88(3):652-72

Diagnostic role of skin or conjunctival biopsies in neurological disorders. An update. Ceuterick C, et al. **J Neurol Sci** 1984 Aug;65(2):179-91

Metabolic myopathies. Gullotta F. **Pathol Res Pract** 1985 Jul;180(1):10-8

PSYCHOLOGY

Experimentally induced glucose intolerance increases oral ethanol intake in rats. Zito KA, et al. **Alcohol** 1984 Jul-Aug; 1(4):257-61

THERAPY

Methods of suppression of myonephropathic metabolic syndrome. Esato K, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):473-8

The management of metabolic disorders of the liver. Mowat A. **Pediatr Ann** 1985 Jul;14(7):501-4, 506-7

URINE

Monitoring metabolic disease by proton NMR of urine [letter] Nicholson JK, et al. **Lancet** 1984 Sep 29; 2(8405):751-2

VETERINARY

Survey of nutritional management practices and metabolic disorders in West Virginia dairy herds. Varga GA, et al. **J Dairy Sci** 1985 Jun;68(6):1507-12

[Nutrition and skin diseases in the horse] Meyer H. **Tierarztl Prax** 1984;12(4):493-8 (Eng. Abstr.) **(Ger)**

METABOLISM

The level of anaerobic threshold determined from the gas exchange and acid-base equilibrium of the blood in women and men. Blachura L, et al. **Acta Physiol Pol** 1984 Jan-Feb; 35(1):85-92

Effects of anaerobic substrates on post-anoxic cellular functions in isolated tubular segments of rat kidney cortex. Gronow GH, et al. **Adv Exp Med Biol** 1984;180:403-10

Metabolic responses to a meal during rest and low-intensity exercise. Welle S. **Am J Clin Nutr** 1984 Nov;40(5):990-4

Application of control analysis in studies of regulation of intermediary metabolism. Groen AK, et al. **Biomed Biochim Acta** 1985;44(6):943-52

Compartmental analysis: theoretical aspects and application. Holzhütter HG. **Biomed Biochim Acta** 1985;44(6):863-73

A theory of alternative designs for biochemical control systems. Savageau MA. **Biomed Biochim Acta** 1985; 44(6):875-80

The neural and metabolic basis of feeding. Satellite symposium of the annual meetings of the Society for Neuroscience. October 7-9, 1984. **Brain Res Bull** 1985 Jun; 14(6):503-700

Biochemistry of exercise. 6th international symposium, June 12-15th, 1985 Copenhagen, Denmark. Abstracts. **Clin Physiol** 1985;5 Suppl 4:109 p.

A quantitative approach to metabolic control. Crabtree B, et al. **Curr Top Cell Regul** 1985;25:21-76 (43 ref.)

Reproducibility of aerobic and anaerobic thresholds in 20-50 year old men. Aunola S, et al. **Eur J Applied Physiol** 1984; 53(3):260-6

Noninvasive determination of the anaerobic threshold in canoeing, cross-country skiing, cycling, roller, and ice-skating, rowing, and walking. Droghetti P, et al. **Eur J Applied Physiol** 1985;53(4):299-303

Effect of exercise duration during incremental exercise on the determination of anaerobic threshold and the onset of blood lactate accumulation. Yoshida T. **Eur J Applied Physiol** 1984;53(3):196-9

Metabolic control and its analysis. Additional relationships between elasticities and control coefficients. Fell DA, et al. **Eur J Biochem** 1985 May 2;148(3):555-61

Anaerobiosis increases resistance of Neisseria gonorrhoeae to O2-independent antimicrobial proteins from human polymorphonuclear granulocytes. Casey SG, et al. **Infect Immun** 1985 Feb;47(2):401-7

Anaerobic growth of Neisseria gonorrhoeae coupled to nitrite reduction. Knapp JS, et al. **Infect Immun** 1984 Oct; 46(1):176-81

Metabolic rate and breathing during sleep. White DP, et al. **J Appl Physiol** 1985 Aug;59(2):384-91

Exercise-induced prolactin release is related to anaerobiosis. De Meirleir KL, et al. **J Clin Endocrinol Metab** 1985 Jun; 60(6):1250-2

Reduced and compensatory growth: endocrine and metabolic changes during food restriction and refeeding in steers. Blum JW, et al. **J Nutr** 1985 Apr;115(4):417-24

Can the human neonate mount an endocrine and metabolic response to surgery? Anand KJ, et al. **J Pediatr Surg** 1985 Feb;20(1):41-8

Regulatory devices in metabolism and medicine. The Humphry Davy Rolleston lecture 1983. Randle PJ. **J R Coll Physicians Lond** 1984 Oct;18(4):211-8

A role for metabolite enantiomers in the evolution and integration of enzyme driven systems. Grafstein D. **J Theor Biol** 1985 May 7;114(1):11-20

Mathematical modelling of dynamics and control in metabolic networks. V. Static bifurcations in single biochemical control loops. Palsson BO, et al. **J Theor Biol** 1985 Mar 21;113(2):279-98

Mathematical modelling of dynamics and control in metabolic networks. IV. Local stability analysis of single biochemical control loops. Palsson BO, et al. **J Theor Biol** 1985 Mar 21;113(2):261-77

Mathematical modelling of dynamics and control in metabolic networks. III. Linear reaction sequences. Palsson BO, et al. **J Theor Biol** 1985 Mar 21;113(2):231-59

Mathematical modelling of dynamics and control in metabolic networks. II. Simple dimeric enzymes. Palsson BO, et al. **J Theor Biol** 1984 Nov 21;111(2):303-21

Mathematical modelling of dynamics and control in metabolic networks. I. On Michaelis-Menten kinetics. Palsson BO, et al. **J Theor Biol** 1984 Nov 21;111(2):273-302

Ultrastructural correlates of anaerobic stress in corn roots. Aldrich HC, et al. **Tissue Cell** 1985;17(3):341-8

[The concept of the limiting step: a limited concept] Mazat JP, et al. **Biochimie** 1985 Feb;67(2):XI-XIII **(Fre)**

[In situ evaluation of tissue metabolism by laser fluorimetry] Renault G, et al. **Presse Med** 1984 Nov 3;13(39):2381-5 (Eng. Abstr.) **(Fre)**

[Cardiorespiratory and metabolic variations during long-term (2 h.) submaximal exercise (p = 40% of P max.) under hypothermal conditions (zero C)] Vogelaere P, et al. **Schweiz Z Sportmed** 1985 Mar;33(1):13-20 (Eng. Abstr.) **(Fre)**

[The anaerobic threshold. Its application in the evaluation of cardiorespiratory capacity under effort in high-caliber athletes] Kheder AB, et al. **Tunis Med** 1984 Nov; 62(7):547-50 (Eng. Abstr.) **(Fre)**

[Metabolism and its hormonal regulation in short- and long-distance competitive swimming] Weiss M, et al. **Schweiz Z Sportmed** 1985 Mar;33(1):5-12 (Eng. Abstr.) **(Ger)**

[Metabolic processes, nonspecific protection factors and immunologic reactivity of healthy miners and patients with anthracosilicosis] Pichkhadze GM. **Gig Tr Prof Zabol** 1985 Feb;(2):36-9 (Eng. Abstr.) **(Rus)**

[Metabolic function of sailors during a cruise] Solodkov AS. **Voen Med Zh** 1984 Oct;(10):42-5 **(Rus)**

DRUG EFFECTS

Metabolic consequences of postmenopausal estrogen and progestogen treatment. Fåhraeus L. **Acta Obstet Gynecol Scand** [Suppl] 1985;132:19-21

Epidural diamorphine and the metabolic response to upper abdominal surgery. Normandale JP, et al. **Anaesthesia** 1985 Aug;40(8):748-53

The anaesthetic modification of the endocrine and metabolic response to surgery. Hall GM. **Ann R Coll Surg Engl** 1985 Jan;67(1):25-9

Effects of the extradural administration of morphine or bupivacaine, on the metabolic response to upper abdominal surgery. Håkanson E, et al. **Br J Anaesth** 1985 Apr; 57(4):394-9

Metabolic effects of high dose amiloride and spironolactone: a comparative study in normal subjects. Millar JA, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):369-75

Metabolic and hormonal responses to prolonged physical exercise in dogs after a single fat-enriched meal. Falecka-Wieczorek I, et al. **Eur J Applied Physiol** 1984; 53(3):267-73

Metabolic effects in rats of high oral doses of galactitol, mannitol and xylitol. Mäkinen KK, et al. **J Nutr** 1985 Jul; 115(7):890-9

Effect of carbadox on growth, fasting metabolism, thyroid function and gastrointestinal tract in young pigs. Yen JT, et al. **J Nutr** 1985 Aug;115(8):970-9

Effects of intravenous ritodrine on lactate and pyruvate levels: role of glycemia and anaerobiosis. Cano A, et al. **Obstet Gynecol** 1985 Aug;66(2):207-10

Biochemical observations in rats following exposure to soman. Green MD, et al. **Proc West Pharmacol Soc** 1984; 27:311-4

ACTH 1-17 effects on intermediary metabolites in healthy subjects. Prando R, et al. **Ric Clin Lab** 1984 Apr-Jun; 14(2):175-80

[Effects of exhaust gas on adrenal cortex activity, general growth and variation of intermediate metabolism in the male rate during a period of growth] El Feki A, et al. **Arch Int Physiol Biochim** 1984 Oct;92(3):166-77 (Eng. Abstr.) **(Fre)**

[Effect of caffeine on various metabolic parameters in vivo] Sachs M, et al. **Z Ernahrungswiss** 1984 Sep;23(3):181-205 (Eng. Abstr.) **(Ger)**

[Mechanism of the anabolic action of phytoecdisteroids in mammals] Syrov VN. **Biol Nauki** 1984;(11):16-20 (Eng. Abstr.) **(Rus)**

METABOLISM AND ENDOCRINOLOGY (SPECIALTY) see **ENDOCRINOLOGY**

METABOLISM, INBORN ERRORS

see related
ANEMIA, HEMOLYTIC, CONGENITAL

Errors of morphogenesis and inborn errors of immunity 20 years after the discovery of DiGeorge anomaly. Burgio GR, et al. **Eur J Pediatr** 1985 May;144(1):9-12

Homocarnosinosis. Symposium in honor of James F. Lenney. **J Oslo City Hosp** 1985 Feb-Mar;35(2-3):25-46

[Severe hereditary metabolic diseases in neonates] Gjurić G, et al. **Lijec Vjesn** 1985 Jun;107(6):258-63 (Eng. Abstr.) **(Scr)**

BLOOD

Defect in alpha-ketobutyrate metabolism: a new inborn error. Yang W, et al. **Clin Chim Acta** 1985 Jan 30;145(2):173-82

CEREBROSPINAL FLUID

Gamma-aminobutyric acid-transaminase deficiency: a newly recognized inborn error of neurotransmitter metabolism. Jaeken J, et al. **Neuropediatrics** 1984 Aug;15(3):165-9

CHEMICALLY INDUCED

[Work capacity in exposure to chemical industrial substances] Bittersohl G. **Z Arztl Fortbild (Jena)** 1984;78(16):685-7 **(Ger)**

COMPLICATIONS

Congenital hypothyroidism with hereditary, raised thyroxine binding globulin. Archer LN, et al. **Arch Dis Child** 1985 Aug;60(8):766-8

Cerebellar hemorrhage complicating methylmalonic and propionic acidemia. Dave P, et al. **Arch Neurol** 1984 Dec; 41(12):1293-6

Defects of metabolism of fatty acids in the sudden infant death syndrome. Howat AJ, et al. **Br Med J [Clin Res]** 1985 Jun 15;290(6484):1771-3

Optic atrophy in metabolic diseases. Libert J. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):87-92

Hereditary metabolic disorders affecting myelin. Martin JJ. **Bull Soc Belge Ophtalmol** 1983;208(Pt 2):11-8

Primary hyperoxaluria. A frequently unappreciated cause of chronic renal failure. Steinmuller DR. **Cleve Clin Q** 1985 Spring;52(1):27-30

Ophthalmologic signs in genetic disease. Murphree AL. **Hosp Pract [Off]** 1984 Dec;19(12):85-92

Premature emphysema and a suspicious family history. Turck M. **Hosp Pract [Off]** 1984 Nov;19(11):140-2

A molecular hypothesis concerning the pathogenesis of myasthenia gravis. Norstrand IF. **Med Hypotheses** 1985 Apr;16(4):365-9

Overanxious disorder with FDPase deficiency and developmental disability. Cornelius JR, et al. **Psychosomatics** 1985 Aug;26(8):680-2

[Weber-Christian disease associated with familial alpha-1-antitrypsin deficiency. Apropos of a case] Lonchampt F, et al. **Ann Dermatol Venereol** 1985; 112(1):35-9 (Eng. Abstr.) **(Fre)**

[Oxalosis--a hereditary metabolic disease as a cause of terminal renal insufficiency] Frančišković V, et al. **Acta Chir Iugosl** 1984 Mar;31(2):235-44 (Eng. Abstr.) **(Scr)**

[Congenital hemolytic anemias due to defects in glycolysis and the hexose monophosphate shunt and their incidence in Slovakia] Sakalová A, et al. **Bratisl Lek Listy** 1984 Dec; 82(6):1438-50 (Eng. Abstr.) **(Slo)**

DIAGNOSIS

Early detection of inborn errors of metabolism in Poland. Bozkowa K, et al. **Acta Anthropogenet** 1983;7(4):373-81

Identifying children at high somatic risk: possible long-term effects on the parents' attitudes toward themselves as parents and toward having more children. Thelin T, et al. **Acta Psychiatr Scand** 1985 Jul;72(1):74-80

Early prenatal diagnosis of inborn error of metabolism: a case report of a fetus affected with Fabry's disease. Tsutsumi O, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):39-45

A simple enzymatic determination of urinary sialic acid--its significance in the diagnosis of disorders of sialic acid metabolism. Okamura-Oho Y, et al. **Clin Chim Acta** 1984 Dec 29;144(2-3):263-7

Oxalosis in infancy. de Zegher FE, et al. **Clin Nephrol** 1984 Sep;22(3):114-20 (33 ref.)

Laboratory approaches for inherited neurometabolic diseases. Kolodny EH, et al. **Dev Med Child Neurol** 1985 Apr; 27(2):252-7

Prenatal diagnosis of inborn errors of metabolism. Present status and new approaches. Vamos E, et al. **Enzyme** 1984; 32(1):47-55

The early detection and management of inborn errors presenting acutely in the neonatal period. Leonard JV. **Eur J Pediatr** 1985 Mar;143(4):253-7

High-performance liquid chromatographic method for screening disorders of aromatic acid metabolism using a multi-detection system. Todoriki H, et al. **J Chromatogr** 1984 Oct 12;310(2):273-81

Symptoms and signs in organic acidurias. Brandt NJ. **J Inherited Metab Dis** 1984;7 Suppl 1:23-7

Organic acids in urine of patients with congenital lactic acidoses: an aid to differential diagnosis. Chalmers RA. **J Inherited Metab Dis** 1984;7 Suppl 1:79-89

Gas chromatography--mass spectrometry (GC--MS) diagnosis of two cases of medium chain acyl-CoA dehydrogenase deficiency. Divry P, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:44-7

Glutaric aciduria type I presenting with hypoglycaemia. Dunger DB, et al. **J Inherited Metab Dis** 1984;7(3):122-4

The differential diagnosis of dicarboxylic aciduria. Duran M, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:48-51

Human placenta: a convenient source of homologous material, for diagnosis and therapy of inborn errors of metabolism. Mathieu M, et al. **J Inherited Metab Dis** 1984; 7(4):175-8

Prenatal diagnosis of the organic acidurias. Sweetman L. **J Inherited Metab Dis** 1984;7 Suppl 1:18-22

The diagnosis of ornithine transcarbamylase deficiency. Batshaw ML. **J Pediatr Gastroenterol Nutr** 1985 Feb; 4(1):4-6

Rapid screening of metabolic diseases by proton NMR [letter] Iles RA, et al. **Lancet** 1984 Nov 24;2(8413):1221-2

Neonatal screening for inherited disease [editorial] Nyhan WL. **N Engl J Med** 1985 Jul 4;313(1):43-4

Prenatal genetics. Zellweger H. **Padiatr Grenzgeb** 1984; 23(5):245-53

Laboratory diagnosis of inborn errors of metabolism in children. Applegarth DA, et al. **Pediatr Pathol** 1983 Jan-Mar;1(1):107-30

Biopterin synthesis defects: problems in diagnosis. Hoganson G, et al. **Pediatrics** 1984 Dec;74(6):1004-11

Diagnosis and studies of metabolic disorders using a multicomponent analytical system. Stokke O, et al. **Prog Clin Biol Res** 1985;177:251-61

[Prenatal diagnosis of chromosomal and hereditary metabolic disease during the 1st trimester] Søndergaard F, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1841-3 (Eng. Abstr.) **(Dan)**

[Diagnosis of hereditary metabolic disorders in newborn and young infants] Kok AJ, et al. **Tijdschr Kindergeneeskd** 1985 Feb;53(1):1-7 (Eng. Abstr.) **(Dut)**

[Diagnosis of hereditary metabolic diseases using chromatographic technics] Veder HA, et al. **Tijdschr Kindergeneeskd** 1984 Dec;52(6):238-44 (Eng. Abstr.) **(Dut)**

[Screening for congenital metabolic diseases in mentally retarded patients in 6 psychiatric institutions of Lower Saxony] Byrd DJ, et al. **Klin Padiatr** 1984 Sep-Oct; 196(5):298-303 (Eng. Abstr.) **(Ger)**

[Metabolic myopathies in childhood. A review in summarized form] Schaub J. **Monatsschr Kinderheilkd** 1984 Aug; 132(8):566-73 (52 ref.) (Eng. Abstr.) **(Ger)**

[Prenatal diagnosis of hereditary enzymopathies] Tsvetkova IV. **Vestn Akad Med Nauk SSSR** 1984;(8):70-4 (Eng. Abstr.) **(Rus)**

DIET THERAPY

[Nutrition in congenital metabolic diseases] Plöchl E. **Padiatr Padol** 1984;19(4):343-8 (Eng. Abstr.) **(Ger)**

DRUG THERAPY

Vitamin-responsive inborn errors of metabolism. Bartlett K. **Adv Clin Chem** 1983;23:141-98 (310 ref.)

Erythrocytes as carrier for therapeutic enzymes--an approach towards enzyme therapy of inborn errors of metabolism. Sprandel U. **Bibl Haematol** 1985;(51):7-14

ENZYMOLOGY

Adrenal dysfunction in glycerol kinase deficiency. Seltzer WK, et al. **Biochem Med** 1985 Apr;33(2):189-99 (30 ref.)

Automated differential white cell count (flow cytometry) in a case of eosinophilic total myeloperoxidase (MPO) deficiency [letter] Pasini L, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):83-5

Lysosomal storage defects. Kornfeld S, et al. **Hosp Pract [Off]** 1985 Aug 15;20(8):71-5, 78-82

Glutaryl-CoA dehydrogenase activity determined with intact electron-transport chain: application to glutaric aciduria type II. Christensen E. **J Inherited Metab Dis** 1984; 7 Suppl 2:103-4

4-Hydroxybutyric aciduria: a new inborn error of metabolism. III. Enzymology and inheritance. Gibson KM, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:95-6

Marinesco-Sjögren syndrome: evidence for a lysosomal storage disorder. Walker PD, et al. **Neurology** 1985 Mar; 35(3):415-9

[Mitochondrial myopathy associated with cytochrome oxidase deficiency] Sengers RC, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):159-64 (Eng. Abstr.) **(Dut)**

[Metabolic myopathies] Zellweger H. **Padiatr Grenzgeb** 1984; 23(5):327-38 (Eng. Abstr.) **(Ger)**

[Metabolic myopathies] Lössner J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Sep; 36(9):513-26 (Eng. Abstr.) **(Ger)**

[A case of macroamylasemia] Lorenzini L, et al. **Minerva Med** 1984 Nov 3;75(42):2543-5 (Eng. Abstr.) **(Ita)**

[Lysosomal enzyme deficiency and its modifying factors] Okada S. **No To Shinkei** 1985 May;37(5):514-6 **(Jpn)**

ETIOLOGY

Pyruvate carboxylase deficiency. Bartlett K, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:74-8

4-Hydroxybutyric aciduria: a new inborn error of metabolism. I. Clinical review. Rating D, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:90-2

Animal models for dicarboxylic aciduria. Sherratt HS, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:52-6

Congenital hypothyroidism caused by defective iodide transport. Couch RM, et al. **J Pediatr** 1985 Jun;106(6):950-3

FAMILIAL & GENETIC

Cholesteryl ester storage disease and Wolman disease: phenotypic variants of lysosomal acid cholesteryl ester hydrolase deficiency. Hoeg JM, et al. **Am J Hum Genet** 1984 Nov;36(6):1190-203

Familial lysosomal storage disease with generalized vacuolization and sialic aciduria. Sporadic Salla disease. Wolburg-Buchholz K, et al. **Neuropediatrics** 1985 May; 16(2):67-75

An approach to malformation syndromes. Hall JG. **Prog Clin Biol Res** 1985;177:275-91

Familial elevation of serum angiotensin converting enzyme. Okabe T, et al. **Q J Med** 1985 Apr;55(216):55-61

[Hereditary erythrocyte pyruvate kinase abnormality: another kindred from Aargau Canton] Marti HR, et al. **Schweiz Med Wochenschr** 1984 Oct 13;114(41):1434-6 (Eng. Abstr.) **(Ger)**

[Blood methylmalonic acid. Clinical findings in 2 sisters] Di Palma L, et al. **Minerva Pediatr** 1984 Sep 15;36(17):845-52 (Eng. Abstr.) **(Ita)**

[Clinical characteristics of cataracts in children with hereditary metabolic disorders] Khvatova AV, et al. **Vestn Oftalmol** 1985 May-Jun;101(3):50-2 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Deficiency of two human leukocyte surface membrane glycoproteins (Mo1 and LFA-1). Arnaout MA, et al. **Fed Proc** 1985 Jul;44(10):2664-70

The LFA-1, Mac-1 glycoprotein family and its deficiency in an inherited disease. Springer TA. **Fed Proc** 1985 Jul; 44(10):2660-3

METABOLISM

Metabolic consequences of genetic defects in lysosomes. Tager JM, et al. **Biochem Soc Trans** 1984 Dec;12(6):902-5

The cerebro-hepato-renal (Zellweger) syndrome. Impaired de novo biosynthesis of plasmalogens in cultured skin fibroblasts. Schrakamp G, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):170-4

Mitochondrial myopathies: disorders of the respiratory chain and oxidative phosphorylation. Clark JB, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:62-8

Carnitine metabolism and inborn errors. Engel AG, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:38-43

Glutaric acidaemia type II (multiple acyl-CoA dehydrogenation deficiency). Goodman SI, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:33-7

Disturbed very long chain (C24-C26) fatty acid pattern in fibroblasts of patients with Zellweger's syndrome. Govaerts L, et al. **J Inherited Metab Dis** 1985;8(1):5-8

Fatty acyl-CoA dehydrogenase deficiency: enzyme measurement and studies on alternative metabolism. Gregersen N. **J Inherited Metab Dis** 1984;7 Suppl 1:28-32

4-Hydroxybutyric aciduria: a new inborn error of metabolism. II. Biochemical findings. Jakobs C, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:92-4

Glutaric aciduria type II: multiple defects in isolated muscle mitochondria and deficient beta-oxidation in fibroblasts. Mooy PD, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:101-2

Lactic acidaemia. Robinson BH, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:69-73

Succinic semialdehyde dehydrogenase deficiency. Gibson KM, et al. **J Neurogenet** 1984 Sep;1(3):213-8

Carnosinase and homocarnosinosis. Lenney JF. **J Oslo City Hosp** 1985 Feb-Mar;35(2-3):27-40 (50 ref.)

Genetic host factors: determinants of drug response [editorial] Vesell ES. **N Engl J Med** 1985 Jul 25;313(4):261-2

Atypical nonketotic hyperglycinemia with a defective glycine transport system in nervous tissue. Mayor F Jr, et al. **Neurochem Pathol** 1984-85 Winter;2(4):233-49

Defect in vitamin B12 release from lysosomes: newly described inborn error of vitamin B12 metabolism. Rosenblatt DS, et al. **Science** 1985 Jun 14; 228(4705):1319-21

OCCURRENCE

A surveillance system for metabolic disorders in Japan. Yasuda N. **Hum Hered** 1984;34(5):321-7

Newborn mass screening in Japan--1984. Wada Y, et al. **Jinrui Idengaku Zasshi** 1984 Sep;29(3):277-86

PATHOLOGY

The fate of a child with primary hyperoxaluria (oxalosis). Berger H. **Acta Paediatr Hung** 1984;25(1-2):11-22

The cherry-red spot in Tay-Sachs and other storage diseases. Kivlin JD, et al. **Ann Neurol** 1985 Apr;17(4):356-60

Evaluation of possible first trimester prenatal diagnosis in lysosomal diseases by trophoblast biopsy. Poenaru L, et al. **Pediatr Res** 1984 Oct;18(10):1032-4

[Congenital anomaly of the metabolism of vitamin B 12. Histopathological study] Sonsino E, et al. **Arch Anat Cytol Pathol** 1985;33(2):98-9 **(Fre)**

[Morphology of metabolic myopathies] Pongratz D, et al. **Monatsschr Kinderheilkd** 1984 Aug;132(8):574-80 (14 ref.) (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Electrocardiographic finding simulating acute myocardial infarction in a compound metabolic aberration. Khardori R, et al. **Am J Med** 1985 Mar;78(3):529-32

The influence of metabolic liver defects on diethylnitrosamine (NDEA)-carcinogenesis in Gunn rats. Althoff J, et al. **Exp Pathol** 1985;27(3):171-8

Lysosomal storage diseases. Glew RH, et al. **Lab Invest** 1985 Sep;53(3):250-69 (182 ref.)

[Myeloperoxidase deficiency: prevalence in Brescia Province and a study of microbicidal activity in granulocytes] Airo' R, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):12-8 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Newborn screening for metabolic disorders in Australia and New Zealand: results for 1983. Human Genetics Society of Australasia Newborn Screening Committee. **Med J Aust** 1985 Aug 19;143(4):159-60

[Problems in the diagnosis of hereditary metabolic defects in pediatric neurology] Krasnopol'skaia KD, et al. **Zh Nevropatol Psikhiatr** 1984;84(10):1458-61 (Eng. Abstr.) **(Rus)**

THERAPY

Treatment of congenital hyperammonemias. Bachmann C. **Enzyme** 1984;32(1):56-64

The management and long term outcome of organic acidaemias. Leonard JV, et al. **J Inherited Metab Dis** 1984; 7 Suppl 1:13-7

Human placenta: a convenient source of homologous material, for diagnosis and therapy of inborn errors of metabolism. Mathieu M, et al. **J Inherited Metab Dis** 1984; 7(4):175-8

Long term outcome of organic acidurias: survey of 105 French cases (1967-1983). Rousson R, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:10-2

Marrow transplantation in genetic disease [editorial] Barranger JA. **N Engl J Med** 1984 Dec 20;311(25):1629-31

Primary prevention of inherited disorders. Present and future possibilities. Adinolfi M, et al. **Pediatr Med Chir** 1984 Jan-Feb;6(1):51-5

Prenatal treatment of biochemical disorders. Schulman JD. **Semin Perinatol** 1985 Jul;9(2):75-8

[Bone marrow grafts in congenital deficiencies] Hobbs JR, et al. **Clin Ter** 1984 Sep 15;110(5):409-16 (Eng. Abstr.) **(Ita)**

URINE

CAD MIKES: a new method for a rapid and unequivocal structural identification of organic acids in biological fluids. A first application to a case of methylmalonic aciduria. Rinaldo P, et al. **Biomed Mass Spectrom** 1984 Dec; 11(12):643-6

Use of a diode array detector in investigation of neonatal organic aciduria. Allen KR, et al. **Clin Chem** 1985 Apr; 31(4):561-3

Extra heating of amino acids. Henderson MJ, et al. **Clin Chim Acta** 1985 Mar 15;146(2-3):203-5

The occurrence of lactyl lactate and succinyl lactate in the urine of patients screened for inherited metabolic disease. Ketting D, et al. **Clin Chim Acta** 1985 Feb 28;146(1):29-35

Urinary glycosaminoglycans in aspartylglycosaminuria: evidence for disturbed proteoglycan metabolism. Näntö-Salonen K, et al. **Clin Chim Acta** 1985 Mar 15; 146(2-3):111-8

Organic acids in urine: sample preparation for GC/MS. Bachmann C, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:126

An evaluation of urine lactate for detection of inborn errors of metabolism. Dunger DB, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:111-2

Metabolism of collagen in aspartylglycosaminuria: urinary excretion of hydroxyproline. Näntö-Salonen K, et al. **J Inherited Metab Dis** 1984;7(3):117-21

Quick screening and diagnosis of organic acidemia by NMR urinalysis. Yamaguchi S, et al. **J Pediatr** 1985 Apr; 106(4):620-2

METACARPOPHALANGEAL JOINT see under **FINGER JOINT**

METACARPUS

Joint occurrence of aseptic necrosis of the head of the third metacarpal and Freiberg's disease. Gurin J. **Acta Chir Hung** 1985;26(1):27-30

Chondroblastoma of a metacarpal. Report of a case and review of the literature. Bliss DG, et al. **Clin Orthop** 1985 Apr;(194):211-3

Multicentric giant cell reparative granuloma of the small bones of the hand. A case report and review of the literature. Caskey PM, et al. **Clin Orthop** 1985 Mar; (193):199-205

Unicameral bone cyst located in metacarpal bone: report of a case. Head SA. **J Am Osteopath Assoc** 1984 Dec; 84(4):372-3

Osteochondritis dissecans of the sagittal ridge of the third metacarpal and metatarsal bones in horses. Yovich JV, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1186-91

Giant metacarpal osteoma. A case report. Stern PJ, et al. **J Bone Joint Surg [Am]** 1985 Mar;67(3):487-9

Glomus tumor of the metacarpophalangeal joint: a case report. Serra JM, et al. **J Hand Surg [Am]** 1985 Jan; 10(1):142-3

Primary hemangiopericytoma of bone in the hand: a case report. Vathana P. **J Hand Surg [Am]** 1984 Sep;9(5):761-4

[Effect of regional intravenous anesthesia and antibiosis on the tissue pH of the extremities in cattle] Stanek C, et al. **DTW** 1985 Mar 8;92(3):89-90 (Eng. Abstr.) **(Ger)**

[Soft-tissue changes in the metacarpal area in chronic polyarthritis] Fischer E. **ROFO** 1984 Nov;141(5):561-9 (Eng. Abstr.) **(Ger)**

[Occurrence of dactylitis tuberculosa in adults] Palmaj J, et al. **Bratisl Lek Listy** 1984 Nov;82(5):1369-72 (Eng. Abstr.) **(Slo)**

ABNORMALITIES

Linkage between the genes for Wolfram syndrome and brachydactyly E [letter] Bale AE, et al. **Am J Med Genet** 1985 Apr;20(4):733-4

Weill-Marchesani syndrome with bilateral angle-closure glaucoma. Wright KW, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jul-Aug; 22(4):129-32

Short fourth metacarpal in homocystinuria. Tamburrini O, et al. **Pediatr Radiol** 1985;15(3):209-10

ANATOMY & HISTOLOGY

A comparison of methods for measuring cortical bone thickness. Chumlea WC, et al. **Am J Phys Anthropol** 1984 Sep;65(1):83-6

GROWTH & DEVELOPMENT

[Features of the structure of the metacarpal bones of athletes in different specialties] Komissarova EN. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):35-9 (Eng. Abstr.) **(Rus)**

INJURIES

Direct current stimulation of bone production in the horse: preliminary study with a 'gap healing' model. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):610-21

Direct current stimulation of bone production in the pony: observations with a diaphyseal osteotomy model. Collier MA, et al. **Am J Vet Res** 1985 Mar;46(3):600-9

Arterial to end-tidal CO2 tension and alveolar dead space in halothane- or isoflurane-anesthetized ponies. Meyer RE, et al. **Am J Vet Res** 1985 Mar;46(3):597-9

Subcapital fractures of the fifth metacarpal bone. Abdon P, et al. **Arch Orthop Trauma Surg** 1984;103(4):231-4

Giant [illegible] tumor of the tendon sheath with a pathologic phalangeal fracture. A rare association. Zwass A, et al. **Bull Hosp Jt Dis Orthop Inst** 1985 Spring;45(1):87-93

Fractures in the hand: metacarpals and phalanges. Watson FM Jr. **Emerg Med Clin North Am** 1985 May;3(2):293-310

Distal splint bone fractures in the horse: an experimental and clinical study. Verschooten F, et al. **Equine Vet J** 1984 Nov;16(6):532-6

Acute carpal tunnel syndrome caused by fracture of the scaphoid and the 5th metacarpal bones. Olerud C, et al. **Injury** 1984 Nov;16(3):198-9

Axial sesamoid injuries associated with lateral condylar fractures in horses. Barclay WP, et al. **J Am Vet Med Assoc** 1985 Feb 1;186(3):278-9

Fracture-dislocations of all five carpometacarpal joints: a case report. Bergfield TG, et al. **J Hand Surg [Am]** 1985 Jan;10(1):76-8

Comparison of internal fixation techniques in metacarpal fractures. Black D, et al. **J Hand Surg [Am]** 1985 Jul;10(4):466-72

The management of delayed union and nonunion of the metacarpals and phalanges. Jupiter JB, et al. **J Hand Surg [Am]** 1985 Jul;10(4):457-66

Dislocated intra-articular fracture of the base of the fifth metacarpal: a clinical study of 23 patients. Niechajev I. **Plast Reconstr Surg** 1985 Mar;75(3):406-10

On conservative treatment of subcapital fractures of the fifth metacarpal bone. Vogl A. **Unfallchirurgie** 1984 Aug;10(4):216 **(Eng, Ger)**

[Recurrent trapeziometacarpal dislocation treated by active ligament transfer of the short extensor] Randriamananjara NF, et al. **Acta Orthop Belg** 1985 Jan-Feb;51(1):110-7 (Eng. Abstr.) **(Fre)**

[Fractures of the long metacarpals. Long-term results] Della Santa D, et al. **Ann Chir Main** 1985;4(2):175-80 (Eng. Abstr.) **(Fre)**

[Pathology of punching] Mitz V, et al. **Ann Chir Plast Esthet** 1985;30(1):69-77 (Eng. Abstr.) **(Fre)**

[Use of an external minifixator in severe open injuries of the hand] Hertz H, et al. **Aktuel Traumatol** 1984 Dec;14(6):248-51 (Eng. Abstr.) **(Ger)**

[Fractures of the metacarpal bones II to V--conservative and surgical treatment] Lumplesch R, et al. **Unfallchirurgie** 1985 Jun;11(3):115-8 (Eng. Abstr.) **(Ger)**

[Results of surgical treatment of fractures of the metacarpus and fingers] Schöttle H, et al. **Unfallchirurgie** 1985 Apr;11(2):76-83 (Eng. Abstr.) **(Ger)**

[Bennett's fracture-luxation] Biancardi G, et al. **Chir Ital** 1983 Jun;35(3):421-6 (Eng. Abstr.) **(Ita)**

[Treatment of multifragmentary fractures of the metacarpus with fibrin glue] Carozzi S. **Chir Ital** 1983 Aug;35(4):582-5 (Eng. Abstr.) **(Ita)**

RADIOGRAPHY

Advanced osteitis fibrosa cystica in the absence of phalangeal subperiosteal resorption. A case report and review of the literature. Wagener GW, et al. **S Afr Med J** 1985 Jan 5;67(1):31-2

[Radiological picture of osteoarticular changes after frostbite] Gorczyca-Wiśniewska E, et al. **Pol Przegl Radiol (Warszawa)** 1984 Jul-Aug;48(4):209-12 (Eng. Abstr.) **(Pol)**

RADIONUCLIDE IMAGING

The solitary hand lesion: bone scintigraphy of monostotic fibrous dysplasia. Novetsky GJ, et al. **Clin Nucl Med** 1984 Oct;9(10):590

SURGERY

Metacarpal reconstruction with free autogenous cartilage and bone following tumor resection. A case report. Richards RR, et al. **Clin Orthop** 1984 Nov;(190):223-6

Metacarpal resection with a contoured iliac bone graft and silicone rubber implant for metacarpal giant cell tumor: a case report. Carlow SB, et al. **J Hand Surg [Am]** 1985 Mar;10(2):275-8

Metacarpal rotational osteotomy. Gross MS, et al. **J Hand Surg [Am]** 1985 Jan;10(1):105-8

Allograft bone for metacarpal reconstruction. Smith RJ, et al. **J Hand Surg [Am]** 1985 May;10(3):325-34

Osteocutaneous digital fillet flap. A technical modification. Gainor BJ. **J Hand Surg [Br]** 1985 Feb;10(1):79-82

Osteoclastoma of the first metacarpal. McGeoch CM, et al. **J Hand Surg [Br]** 1985 Feb;10(1):129-30

Replacement of destroyed metacarpal heads by autografting metatarsal heads. Mikkelsen OA. **J Hand Surg [Br]** 1984 Oct;9(3):337-9

METAETHICS see ETHICS

METAGONIMIASIS see TREMATODE INFECTIONS

METAGONIMUS see HETEROPHYIDAE

METAL METABOLISM, INBORN ERRORS

Genetic trace metal disturbances. Chan WY, et al. **J Am Coll Nutr** 1985;4(1):39-48 (89 ref.)

FAMILIAL & GENETIC

Patients with hereditary spherocytosis may have clinically significant iron overload when they are also heterozygous for hemochromatosis. Mohler DN, et al. **Trans Am Clin Climatol Assoc** 1984;96:34-40

VETERINARY

Zinc metabolism in lethal-milk mice. Otolith, lactation, and aging effects. Erway LC, et al. **J Hered** 1984 Nov-Dec;75(6):480-4

Pathobiology of copper toxicity. Nederbragt H, et al. **Vet Q** 1984 Sep;6(4):179-85, 235 (39 ref.)

METALLO-ORGANIC COMPOUNDS see ORGANOMETALLIC COMPOUNDS

METALLOPORPHYRINS

DNA interactive porphyrins: metalloporphyrin derivatives. Fiel RJ, et al. **Prog Clin Biol Res** 1985;172B:215-26

ANALYSIS

Non-aqueous liquid chromatography of some metalloporphyrins on a reversed-phase column. Podcasy JA, et al. **J Chromatogr** 1984 Dec 19;315:111-8

ISOLATION & PURIFICATION

High-performance liquid chromatography of dicarboxylic porphyrins and metalloporphyrins: retention behaviour and biomedical applications. Lim CK, et al. **J Chromatogr** 1984 Dec 28;317:333-41

METABOLISM

[Outline of the development of studies on metalloporphyrins] Ostrowski WS. **Postepy Biochem** 1983;29(3-4):247-53 **(Pol)**

[Model of the active center of cytochrome P-450. Alkane oxidation catalyzed by iron(III) porphyrin in microheterogeneous media] Sorokin AB, et al. **Dokl Akad Nauk SSSR** 1984;279(4):939-41 **(Rus)**

PHARMACODYNAMICS

The effect of metalloporphyrins and heme liposomes on delta-aminolevulinate synthase activity in rat liver. Cannon JB, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):306-12

Control of heme and cytochrome P-450 metabolism by inorganic metals, organometals and synthetic metalloporphyrins. Kappas A, et al. **Environ Health Perspect** 1984 Aug;57:301-6

METALLOPROTEINS

Determination of copper in biological materials by atomic absorption spectroscopy: a reevaluation of the extinction coefficients for azurin and stellacyanin. Freedman JH, et al. **Anal Biochem** 1984 Sep;141(2):301-10

Effects of pH and exocyclic substitution on flavosemiquinone reactivity with redox proteins and inorganic oxidants. Przysiecki CT, et al. **Arch Biochem Biophys** 1985 Apr;238(1):334-43

Sulfide-bridged derivatives of the binuclear iron site of hemerythrin at both met and semi-met oxidation levels. Lukat GS, et al. **Biochemistry** 1984 Dec 18;23(26):6416-22

Oxidation of microbial iron-sulfur centers by the myeloperoxidase-H2O2-halide antimicrobial system. Rosen H, et al. **Infect Immun** 1985 Mar;47(3):613-8

Linear electric field effect and electron spin-echo studies of uteroferrin. Evidence for iron coordination by a nitrogen-containing ligand. Antanaitis BC, et al. **J Biol Chem** 1985 Apr 25;260(8):4572-4

Characterization by electron paramagnetic resonance and studies on subunit location and assembly of the iron-sulfur clusters of Bacillus subtilis succinate dehydrogenase. Hederstedt L, et al. **J Biol Chem** 1985 May 10;260(9):5554-62

EPR studies of iron-sulfur clusters in isolated subunits and subfractions of NADH-ubiquinone oxidoreductase. Ohnishi T, et al. **J Biol Chem** 1985 Mar 10;260(5):2782-8

Ragweed allergen Ra3: relationship to some type 1 copper-binding proteins. Hunt LT, et al. **J Mol Evol** 1984-85;21(2):126-32

Simultaneous comparison of three protein sequences. Murata M, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3073-7

Influence of solvent accessibility and intermolecular contacts on atomic mobilities in hemerythrins. Sheriff S, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1104-7

ADMINISTRATION & DOSAGE

Intrathecal orgotein. Lund-Olesen K. **Int J Clin Pharmacol Res** 1985;5(1):59-62

ANALYSIS

Mössbauer studies of iron proteins. Huynh BH, et al. **Adv Inorg Biochem** 1984;6:163-223 (178 ref.)

Amino acid sequence of high-redox-potential ferredoxin (HiPIP) isozymes from the extremely halophilic purple phototrophic bacterium, Ectothiorhodospira halophila. Tedro SM, et al. **Arch Biochem Biophys** 1985 Sep;241(2):656-64

Nucleotide sequence encoding the iron-sulphur protein subunit of the succinate dehydrogenase of Escherichia coli. Darlison MG, et al. **Biochem J** 1984 Oct 15;223(2):507-17

A study of one of the iron-sulphur clusters in oxidized hydrogenase from Megasphaera elsdenii by magnetic-circular-dichroism spectroscopy. Thomson AJ, et al. **Biochem J** 1985 Apr 1;227(1):333-6

The iron-sulfur cluster composition of Escherichia coli nitrate reductase. Johnson MK, et al. **J Biol Chem** 1985 May 10;260(9):5456-63

The type 5, acid phosphatase from spleen of humans with hairy cell leukemia. Purification, properties, immunological characterization, and comparison with porcine uteroferrin. Ketcham CM, et al. **J Biol Chem** 1985 May 10;260(9):5768-76

The carbohydrate structure of porcine uteroferrin and the role of the high mannose chains in promoting uptake by the reticuloendothelial cells of the fetal liver. Saunders PT, et al. **J Biol Chem** 1985 Mar 25;260(6):3658-65

Isolation and reconstitution of the iron-sulfur protein in ubiquinol-cytochrome c oxidoreductase complex. Phospholipids are essential for the integration of the iron-sulfur protein in the complex. Shimomura Y, et al. **J Biol Chem** 1984 Nov 25;259(22):14059-63

Active site structures of deoxyhemerythrin and oxyhemerythrin. Stenkamp RE, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):713-6

[4Fe-4S]-cluster-depleted Azotobacter vinelandii ferredoxin I: a new 3Fe iron-sulfur protein. Stephens PJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5661-5

ANTAGONISTS & INHIBITORS

Extracts of human articular cartilage contain an inhibitor of tissue metalloproteinases. Dean DD, et al. **Prog Clin Biol Res** 1985;180:265-7

GENETICS

Cloning and expression of the fbc operon encoding the FeS protein, cytochrome b and cytochrome c1 from the Rhodopseudomonas sphaeroides b/c1 complex. Gabellini N, et al. **EMBO J** 1985 Feb;4(2):549-53

Nucleotide sequence analysis of the nuclear gene coding for manganese superoxide dismutase of yeast mitochondria, a gene previously assumed to code for the Rieske iron-sulphur protein. Marres CA, et al. **Eur J Biochem** 1985 Feb 15;147(1):153-61

ISOLATION & PURIFICATION

Chromatographic separation of extruded iron-sulfur cores from the apoproteins of Clostridium pasteurianum and spinach ferredoxins in aqueous Triton X-100/urea. Bonomi F, et al. **Anal Biochem** 1984 Oct;142(1):226-31

Anaerobic multiphasic gel electrophoresis of the molybdoproteins in extracts of Clostridium pasteurianum. Hinton SM, et al. **Anal Biochem** 1985 Mar;145(2):222-9

Purification and characterization of fermodulin, an Fe2+-dependent inhibitor protein of 3-hydroxy-3-methylglutaryl-CoA reductase. Menon AS, et al. **Arch Biochem Biophys** 1985 Jun;239(2):342-51

Immunochemical demonstration of the iron-sulfur protein in Complex III of mitochondrial electron-transfer chain. Nishikimi M, et al. **Biochem Int** 1983 Dec;7(6):793-8

Properties of the MgATP and MgADP binding sites on the Fe protein of nitrogenase from Azotobacter vinelandii. Cordewener J, et al. **Eur J Biochem** 1985 May 2;148(3):499-508

The primary structure of the iron-sulfur subunit of ubiquinol-cytochrome c reductase from Neurospora, determined by cDNA and gene sequencing. Harnisch U, et al. **Eur J Biochem** 1985 May 15;149(1):95-9

The iron-sulfur protein of cytochrome bc1 complex. Its occurrence in the mitochondrial inner membrane in excess of the amount constituting the complex. Nishikimi M, et al. **J Biol Chem** 1985 Sep 5;260(19):10398-401

[Purification of dopamine-beta-monooxygenase and extremely acidic, copper-containing proteins from the adrenal medulla. Extremely acidic, copper-containing proteins as electron donors for dopamine-beta-monooxygenase] Boiadzhian AS. **Biokhimiia** 1985 Jan;50(1):84-90 (Eng. Abstr.) **(Rus)**

METABOLISM

Solubility of copper and zinc containing proteins before and after 2-mercaptoethanol treatment of liver samples from normal and from chronically copper poisoned sheep. Hussein KS, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):247-51

High spin cobalt(II) as a probe for the investigation of metalloproteins. Bertini I, et al. **Adv Inorg Biochem** 1984;6:71-111 (145 ref.)

Lipoxygenases, nonheme iron-containing enzymes. Veldink GA, et al. **Adv Inorg Biochem** 1984;6:139-61 (67 ref.)

Localization of the iron transport glycoprotein, uteroferrin, in the porcine endometrium and placenta by using immunocolloidal gold. Raub TJ, et al. **Anat Embryol (Berl)** 1985;171(2):253-8

Identification of a 19-kDa polypeptide as an Fe-S center apoprotein in the photosystem I primary electron acceptor complex. Bonnerjea J, et al. **Arch Biochem Biophys** 1985 Jul;240(1):15-20

The role of blue copper proteins in the oxidation of methylamine by an obligate methylotroph. Lawton SA, et al. **Biochem J** 1985 Jun 15;228(3):719-26

The mechanism of Klebsiella pneumoniae nitrogenase action. Simulation of the dependences of H2-evolution rate on component-protein concentration and ratio and sodium dithionite concentration. Thorneley RN, et al. **Biochem J** 1984 Dec 15;224(3):903-9

The use of electron-paramagnetic-resonance spectroscopy to establish the properties of nickel and the iron-sulphur cluster in hydrogenase from Chromatium vinosum. Albracht SP. **Biochem Soc Trans** 1985 Jun;13(3):582-5

Electron-paramagnetic-resonance spectroscopy in biochemistry: past, present and future. Beinert H. **Biochem Soc Trans** 1985 Jun;13(3):542-7 (70 ref.)

Electron-paramagnetic-resonance studies using pre-steady-state kinetics and substitution with stable isotopes on the mechanism of action of molybdoenzymes. Bray RC, et al. **Biochem Soc Trans** 1985 Jun;13(3):560-7

Electron-spin-resonance/electron-paramagnetic-resonanc spectroscopy of iron-sulphur enzymes. Cammack R, et al. **Biochem Soc Trans** 1985 Jun;13(3):572-8

The electron paramagnetic resonance of metalloproteins. Palmer G. **Biochem Soc Trans** 1985 Jun;13(3):548-60

Electron-paramagnetic-resonance studies of Mn(II) complexes with enzymes and substrates. Reed GH. **Biochem Soc Trans** 1985 Jun;13(3):567-71

Reaction of hemerythrin with disulfides. Harrington PC, et al. **Biochemistry** 1985 Jan 1;24(1):210-4

Resonance Raman studies of the flavin and iron-sulfur centers of milk xanthine oxidase. Willis LJ, et al. **Biochemistry** 1985 May 21;24(11):2768-72

The interaction of hemerythrin with sodium dodecyl sulfate and the release of iron from the product with desferrioxamine B. Bradić Z, et al. **Biochim Biophys Acta** 1985 Mar 22;828(1):86-94

Age pigments and free radicals: fluorescent lipid complexes formed by iron- and copper-containing proteins. Gutteridge JM. **Biochim Biophys Acta** 1985 Apr 25;834(2):144-8

Differential patterns of secretory protein localization within the pig uterine endometrium. Fazleabas AT, et al. **Endocrinology** 1985 Jan;116(1):240-5

Inhibition of iron-sulfur protein-mediated reduction of cytochrome P-450SCC by specific antibodies. Seeley DH, et al. **Endocrinology** 1985 May;116(5):2008-12

Is coenzyme M bound to factor F430 in methanogenic bacteria? Experiments with Methanobrevibacter ruminantium. Hüster R, et al. **Eur J Biochem** 1985 Apr 1;148(1):107-11

Further characterisation of the FAD and Fe2S2 redox centres of component C, the NADH:acceptor reductase of the soluble methane monooxygenase of Methylococcus capsulatus (Bath). Lund J, et al. **Eur J Biochem** 1985 Mar 1;147(2):291-6

Changes during aging in rat lens endopeptidase activity. Fleshman KR, et al. **Exp Eye Res** 1984 Nov;39(5):543-51

Lens neutral proteinase preparations hydrolyze glutamoyl bonds [letter] Wagner BJ, et al. **Exp Eye Res** 1985 Jun;40(6):879-82

Identification of molybdoproteins in Clostridium pasteurianum. Hinton SM, et al. **J Bacteriol** 1985 May;162(2):477-84

Regulation and order of involvement of molybdoproteins during synthesis of molybdoenzymes in Clostridium pasteurianum. Hinton SM, et al. **J Bacteriol** 1985 May;162(2):485-93

A low potential iron-sulfur cluster bound to membranes in blue-green algae. Hiyama T, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):89-95

Effects of perturbants on the pink (reduced) active form of uteroferrin. Phosphate-induced anaerobic oxidation. Antanaitis BC, et al. **J Biol Chem** 1985 Jan 25;260(2):751-6

Spectroscopic studies on the iron-sulfur centers of milk xanthine oxidase. Hille R, et al. **J Biol Chem** 1985 Sep 5;260(19):10569-75

Characterization of a sulfite reductase from Desulfovibrio vulgaris. Evidence for the presence of a low-spin siroheme and an exchange-coupled siroheme-[4Fe-4S] unit. Huynh BH, et al. **J Biol Chem** 1984 Dec 25;259(24):15373-6

Magnetic circular dichroism studies of succinate dehydrogenase. Evidence for [2Fe-2S], [3Fe-xS], and [4Fe-4S] centers in reconstitutively active enzyme. Johnson MK, et al. **J Biol Chem** 1985 Jun 25;260(12):7368-78

Evidence for the formation of a linear [3Fe-4S] cluster in partially unfolded aconitase. Kennedy MC, et al. **J Biol Chem** 1984 Dec 10;259(23):14463-71

Mössbauer studies of aconitase. Substrate and inhibitor binding, reaction intermediates, and hyperfine interactions of reduced 3Fe and 4Fe clusters. Kent TA, et al. **J Biol Chem** 1985 Jun 10;260(11):6871-81

Lysosomal enzyme phosphorylation. Recognition of a protein-dependent determinant allows specific phosphorylation of oligosaccharides present on lysosomal enzymes. Lang L, et al. **J Biol Chem** 1984 Dec 10;259(23):14663-71

Electron paramagnetic resonance studies of mammalian succinate dehydrogenase. Detection of the tetranuclear cluster S2. Maguire JJ, et al. **J Biol Chem** 1985 Sep 15;260(20):10909-12

Oxidation of deoxyhemerythrin to semi-methemerythrin by nitrite. Nocek JM, et al. **J Biol Chem** 1984 Oct 25;259(20):12334-8

Effect of acute triethyl lead treatment on metalloenzymes and binding characteristics of rat brain hippocampus. Bondy SC, et al. **Neurochem Pathol** 1984-85 Winter;2(4):251-66

Properties of a small latent metalloprotease of the rat uterus. Woessner JF Jr, et al. **Prog Clin Biol Res** 1985;180:279-81

[Iron-sulfur centers in the mitochondrial respiratory chain at different stages of cell culture growth of the hamster Cricetulus griceus] Burbaev DSh, et al. **Biofizika** 1984 Jul-Aug;29(4):633-6 (Eng. Abstr.) **(Rus)**

[Kinetics of metallo-enzymatic paramagnetic centers and free radicals in the rat liver in lung carcinogenesis] Iurkovskaia TN, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):646-51 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Fe2+-dependent modulation of 3-hydroxy-3-methylglutaryl CoA reductase by a cytosolic protein, fermodulin. Menon AS, et al. **Indian J Biochem Biophys** 1984 Feb;21(1):27-38

Role of uteroferrin in placental iron transport: effect of maternal iron treatment on fetal iron and uteroferrin content and neonatal hemoglobin. Ducsay CA, et al. **J Anim Sci** 1984 Nov;59(5):1303-8

[Structures and functions of biometallochromophores] Sugiura Y. **Yakugaku Zasshi** 1985 Mar;105(3):199-209 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Orgotein as a radioprotector in normal tissues. Experiments on mouse skin and a murine adenocarcinoma. Cividalli A, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):273-7

[Orgotein iontophoresis in the therapy of induratio penis plastica] Schieroni MP, et al. **Minerva Med** 1985 May 31;76(22-23):1085-8 (Eng. Abstr.) **(Ita)**

[Personal experience with therapy using the Peroxinorm 4 mg. preparation] Kováč M, et al. **Acta Chir Orthop Traumatol Cech** 1984 Dec;51(6):542-4 (Eng. Abstr.) **(Slo)**

METALLOTHIONEIN

113Cd NMR studies of reconstituted seven-cadmium metallothionein: evidence for structural flexibility. Vašák M, et al. **Biochemistry** 1985 Jan 29;24(3):740-7

Possible role for metallothionein in protection against radiation-induced oxidative stress. Kinetics and mechanism of its reaction with superoxide and hydroxyl radicals. Thornalley PJ, et al. **Biochim Biophys Acta** 1985 Jan 21;827(1):36-44

Non-metallothionein cadmium binding proteins. Stone H, et al. **Comp Biochem Physiol [C]** 1985;80(1):9-14 (48 ref.)

113CD-1H spin-spin couplings in homonuclear 1H correlated spectroscopy of metallothionein. Identification of the cysteine 1H spin systems. Neuhaus D, et al. **Eur J Biochem** 1984 Sep 17;143(3):659-67

Proton nuclear magnetic resonance studies of mammalian metallothioneins. Mitsumori F, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):533-43

Independence of the domains of metallothionein in metal binding. Nielson KB, et al. **J Biol Chem** 1985 Jul 25;260(15):8698-701

ANALYSIS

Elucidation of the structure and metal sequestering properties of metallothionein by nuclear magnetic resonance. Dalgarno DC, et al. **Adv Inorg Biochem** 1984;6:113-38 (84 ref.)

Metallothionein content and zinc status in various tissues of rats treated with iodoacetic acid and zinc. Heilmaier HE, et al. **Arch Toxicol** 1985 Feb;56(4):247-51

Synthesis of a nonacosapeptide (beta-fragment) corresponding to the N-terminal sequence 1-29 of human liver metallothionein II and its heavy metal-binding properties. Okada Y, et al. **FEBS Lett** 1985 Apr 22;183(2):375-8

Histological demonstration of immunoreactive zinc metallothionein in liver and ileum of rat and man. Clarkson JP, et al. **Histochem J** 1985 Mar;17(3):343-52

Evidence for more than two metallothionein isoforms in primates. Koizumi S, et al. **J Biol Chem** 1985 Mar 25;260(6):3672-5

Tolerance to cadmium-induced toxicity depends on presynthesized metallothionein in liver. Goering PL, et al. **J Toxicol Environ Health** 1984;14(5-6):803-12

Dietary administration of nickel: effects on behavior and metallothionein levels. Nation JR, et al. **Physiol Behav** 1985 Mar;34(3):349-53

Comparison of methods of metallothionein quantification: cadmium radioassay, mercury radioassay, and radioimmunoassay. Waalkes MP, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):524-7

Induction and detection of a third isometallothionein (metallothionein-II') in rat liver. Suzuki KT, et al. **Toxicol Lett** 1985 Jan;24(1):15-20

Histochemical demonstration of copper and copper-associated protein in the canine liver. Thornburg LP, et al. **Vet Pathol** 1985 Jul;22(4):327-32

BIOSYNTHESIS

Metallothionein synthesis in liver and kidney and enzymhistochemical changes in the testis induced by cadmium treatment. Passia D, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:159-65

Protein mapping of two metallothionein-rich cell strains and their parent lines, using high-resolution two-dimensional electrophoresis. Endresen L, et al. **Anal Biochem** 1984 Nov 15;143(1):170-8

Evidence for an inducible cadmium binding protein metallothionein in chick embryo. Prasad AR, et al. **Biochem Int** 1983 Dec;7(6):677-85

Cd2+-induced synthesis of metallothionein in HeLa cells. Koizumi S, et al. **Biochem J** 1985 May 1;227(3):879-86

Metallothionein synthesis and localization in relation to metal storage in rat liver during gestation. Templeton DM, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):16-22

Induction and degradation of Zn-, Cu- and Cd-thionein in Chang liver cells. Kobayashi S, et al. **Chem Biol Interact** 1985 Jan;52(3):319-34

Induction of metal-binding proteins by zinc is accompanied by reduction of other proteins including antibodies. Cenini P. **Comp Biochem Physiol [C]** 1985;81(1):213-7

Formation of cadmium-binding peptide allomorphs in fission yeast. Murasugi A, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1375-9

Induction of metallothionein synthesis in cultured human trophoblasts by cadmium and zinc. Lehman LD, et al. **J Toxicol Environ Health** 1984;14(2-3):419-32

Inducibility of metallothionein throughout the cell cycle. Tobey RA, et al. **Mol Cell Biol** 1984 Oct;4(10):2243-5

Metallothionein induction by ethanol. **Nutr Rev** 1985 Mar;43(3):92-4 (13 ref.)

Ceruloplasmin and metallothionein induction by zinc and 13-cis-retinoic acid in rats with adjuvant inflammation. Cousins RJ, et al. **Proc Soc Exp Biol Med** 1985 Jun;179(2):168-72

The influence of maternal cadmium exposure or fetal cadmium injection on hepatic metallothionein concentrations in the fetal rat. Sasser LB, et al. **Toxicol Appl Pharmacol** 1985 Sep 15;80(2):299-307

Protective effect of metallothionein inducing metals on lethal toxicity of cis-diamminedichloroplatinum in mice. Naganuma A, et al. **Toxicol Lett** 1985 Feb-Mar;24(2-3):203-7

BLOOD

The origin of metallothionein in red blood cells. Tanaka K, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):63-8

GENETICS

Induction of metallothionein and metallothionein mRNA in rainbow-trout liver following cadmium treatment. Bonham K, et al. **Biosci Rep** 1984 Aug;4(8):633-42

Chemical carcinogens induce cadmium resistance and activate metallothionein genes in cadmium sensitive S49 mouse cells. MacArthur CA, et al. **Carcinogenesis** 1985 Jun;6(6):887-92

Menkes' disease: abnormal metallothionein gene regulation in response to copper. Leone A, et al. **Cell** 1985 Feb;40(2):301-9

Characterization and measurement of metallothionein messenger RNA of C57BL mouse liver. Koizumi S, et al. **Chem Biol Interact** 1985 Jun;54(1):33-43

Human metallothionein-II processed gene is located in region p11----q21 of chromosome 4. Lieberman HB, et al. **Cytogenet Cell Genet** 1985;39(2):109-15

Nucleotide sequence requirements for transient expression of human metallothionein-IIA-thymidine kinase fusion genes. Karin M, et al. **DNA** 1984 Aug;3(4):319-26

Construction and characterization of a library of metallothionein coding sequence mutants. Pine R, et al. **DNA** 1985 Apr;4(2):115-26

Cloning and sequencing of a sheep metallothionein cDNA. Peterson MG, et al. **Eur J Biochem** 1984 Sep 17;

143(3):507-11

Human metallothionein MT-I and MT-II processed genes. Varshney U, et al. **Gene** 1984 Nov;31(1-3):135-45

Nucleotide sequence and expression of a Drosophila metallothionein. Lastowski-Perry D, et al. **J Biol Chem** 1985 Feb 10;260(3):1527-30

Structure and expression of two human metallothionein-I isoform genes and a related pseudogene. Schmidt CJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7731-7

The expression of major histocompatibility antigens under metallothionein gene promoter control. Weis JH, et al. **J Immunol** 1985 Mar;134(3):1999-2003

Efficient production of hepatitis B surface antigen using a bovine papilloma virus-metallothionein vector. Hsiung N, et al. **J Mol Appl Genet** 1984;2(5):497-506

A frequent restriction fragment length polymorphism in the human metallothionein-II processed gene region is evolutionarily conserved. Varshney U, et al. **Mol Biol Med** 1984 Jun;2(3):193-206

Coordinate amplification of metallothionein I and II genes in cadmium-resistant Chinese hamster cells: implications for mechanisms regulating metallothionein gene expression. Crawford BD, et al. **Mol Cell Biol** 1985 Feb;5(2):320-9

Building a metal-responsive promoter with synthetic regulatory elements. Searle PF, et al. **Mol Cell Biol** 1985 Jun;5(6):1480-9

Regulation, linkage, and sequence of mouse metallothionein I and II genes. Searle PF, et al. **Mol Cell Biol** 1984 Jul; 4(7):1221-30

Assignment of genes encoding metallothioneins I and II to Chinese hamster chromosome 3: evidence for the role of chromosome rearrangement in gene amplification. Stallings RL, et al. **Mol Cell Biol** 1984 Dec;4(12):2932-6

Coordinate regulation of mouse metallothionein I and II genes by heavy metals and glucocorticoids. Yagle MK, et al. **Mol Cell Biol** 1985 Feb;5(2):291-4

alpha-Interferon-induced transcription of HLA and metallothionein genes containing homologous upstream sequences. Friedman RL, et al. **Nature** 1985 Apr 18-24; 314(6012):637-9

Metallothionein gene cluster is split by chromosome 16 rearrangements in myelomonocytic leukaemia. Le Beau MM, et al. **Nature** 1985 Feb 21-27;313(6004):709-11

Competition for cellular factors that activate metallothionein gene transcription. Séguin C, et al. **Nature** 1984 Dec 20-1985 Jan 2;312(5996):781-5

Acute treatment of mice with cadmium salts results in amplification of the metallothionein-I gene in liver. Koropatnick J, et al. **Nucleic Acids Res** 1985 Aug 12; 13(15):5423-39

Transgenic mice containing growth hormone fusion genes. Brinster RL, et al. **Philos Trans R Soc Lond [Biol]** 1984 Dec 4;307(1132):309-12

Duplicated heavy metal control sequences of the mouse metallothionein-I gene. Carter AD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7392-6

Sea urchin metallothionein sequence: key to an evolutionary diversity. Nemer M, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4992-4

A 12-base-pair DNA motif that is repeated several times in metallothionein gene promoters confers metal regulation to a heterologous gene. Stuart GW, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7318-22

High plasma levels of immunoreactive somatostatin in transgenic mice expressing a metallothionein-somatostatin fusion gene. Low MJ, et al. **Trans Assoc Am Physicians** 1984;97:205-9

ISOLATION & PURIFICATION

Purification and characterization of lead-induced zinc thionein in the liver of rats. Arizono K, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):143-8

Characterization of two molecular weight classes of cadmium binding proteins from the mussel, Mytilus edulis (L.). Frazier JM, et al. **Comp Biochem Physiol** [C] 1985; 80(2):257-62

Cd-, Zn-, Cu-binding protein in the elasmobranch Scyliorhinus canicula. Hidalgo J, et al. **Comp Biochem Physiol** [C] 1985;81(1):159-65

Systematic application of high-resolution, phase-sensitive two-dimensional 1H-NMR techniques for the identification of the amino-acid-proton spin systems in proteins. Rabbit metallothionein-2. Neuhaus D, et al. **Eur J Biochem** 1985 Sep 2;151(2):257-73

Spectroscopic properties of the alpha fragment of metallothionein. Zelazowski AJ, et al. **J Biol Chem** 1984 Nov 10;259(21):12960-3

Separation of metallothionein into isoforms by column switching on gel permeation and ion-exchange columns with high-performance liquid chromatography-atomic-absorption spectrophotometry. Suzuki KT, et al. **J Chromatogr** 1984 Oct 26;303(1):131-6

METABOLISM

Tumours from a cell strain with a high content of metallothionein show enhanced resistance against cis-dichlorodiammineplatinum. Endresen L, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):183-7

Histochemical changes in protein disulphide bonds in rat liver and kidney after chronic cadmium administration, and the possible relation to metallothionein. Morselt AF, et al. **Arch Toxicol** 1984 Sep;55(3):155-60

Effects of subcutaneous and oral cadmium on iron metabolism: role of ceruloplasmin and metallothionein. Sugawara N, et al. **Arch Toxicol** 1984 Nov;56(1):25-8

Binding of cis-dichlorodiammine platinum(II) to metallothionein in Ehrlich cells. Kraker A, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):786-92

Copper facilitated chemiluminescence from the sulfhydryl proteins: yeast alcohol dehydrogenase, spinach ferredoxin and metallothionein. Wong KH, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):425-30

Studies on the metabolism of rat liver copper-metallothionein. Mehra RK, et al. **Biochem J** 1985 May 1;227(3):903-8

Biliary excretion of metallothionein and a possible degradation product in rats injected with copper and zinc. Sato M, et al. **Biochem J** 1984 Oct 15;223(2):475-9

Induction of metallothionein mRNA in rat liver and kidney after copper chloride injection. Wake SA, et al. **Biochem J** 1985 Jun 1;228(2):425-32

Formation and characterization of aurothioneins: Au,Zn,Cd-thionein, Au,Cd-thionein, and (thiomalato-Au)chi-thionein. Laib JE, et al. **Biochemistry** 1985 Apr 9;24(8):1977-86

Thymus metallothionein: regulation of zinc-thionein in the aging mouse. Olafson RW. **Can J Biochem Cell Biol** 1985 Feb;63(2):91-5

Induction and degradation of Zn-, Cu- and Cd-thionein in Chang liver cells. Kobayashi S, et al. **Chem Biol Interact** 1985 Jan;52(3):319-34

Excretion of cadmium and change in the relative ratio of iso-cadmium-binding proteins during metamorphosis of fleshfly (Sarcophaga peregrina). Aoki Y, et al. **Comp Biochem Physiol** [C] 1984;78(2):315-7

Storage of Hg in the ileum of Blatella germanica: biochemical characterization of metallothionein. Bouquegneau JM, et al. **Comp Biochem Physiol** [C] 1985;80(1):95-8

Metal-protein binding patterns in the hepatopancreas of the crayfish (Austropotamobius pallipes) during short term cadmium stress. Lyon R. **Comp Biochem Physiol** [C] 1984; 78(2):415-8

Metallothionein present or induced in the three species of frogs Bombina orientalis, Bufo bufo japonicus and Hyla arborea japonica. Suzuki KT, et al. **Comp Biochem Physiol** [C] 1984;79(2):255-60

Subcellular distribution of heavy metals in liver and kidney of a narwhal whale (Monodon monoceros): an evaluation for the presence of metallothionein. Wagemann R, et al. **Comp Biochem Physiol** [C] 1984;78(2):301-7

Isolation and characterization of metallothionein from the tortoise Clemmys mutica. Yamamura M, et al. **Comp Biochem Physiol** [C] 1984;79(1):63-9

Interaction of alkylmercuric compounds with sodium selenite. III. Biotransformation, levels of metallothioneinlike proteins and endogenous copper in some tissues of rats exposed to methyl or ethylmercuric chloride with and without sodium selenite. Brzeźnicka EA, et al. **Environ Health Perspect** 1985 May;60:423-31

Comparative study of effect of acute administration of cadmium and silver on ceruloplasmin and metallothionein: involvement of disposition of copper, iron, and zinc. Sugawara N, et al. **Environ Res** 1984 Dec;35(2):507-15

Concentration of metallothionein in major organs of rats after administration of various metals. Waalkes MP, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):473-7

Oxidation of Cu(I)-thionein by enzymically generated H2O2. Hartmann HJ, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov;365(11):1355-9

(Cu,Zn)-metallothioneins from fetal bovine liver. Chemical and spectroscopic properties. Münger K, et al. **J Biol Chem** 1985 Aug 25;260(18):10032-8

Distinct metal-binding configurations in metallothionein. Nielson KB, et al. **J Biol Chem** 1985 May 10;260(9):5342-50

The effects of zinc deficiency on turnover of cadmium-metallothionein in rat liver. Held DD, et al. **J Nutr** 1984 Dec;114(12):2274-82

Glucocorticoid independent mediation of interleukin-1 induced changes in serum zinc and liver metallothionein levels. DiSilvestro RA, et al. **Life Sci** 1984 Nov 19; 35(21):2113-8

Menkes' disease: are we closer to learning its cause? **Nutr Rev** 1984 Sep;42(9):309-11

Trace metal metabolism in cultured skin fibroblasts of the mottled mouse: response to metallothionein inducers. Packman S, et al. **Pediatr Res** 1984 Dec;18(12):1282-6

Absorption, transport, and hepatic metabolism of copper and zinc: special reference to metallothionein and ceruloplasmin. Cousins RJ. **Physiol Rev** 1985 Apr; 65(2):238-309 (472 ref.)

Cadmium-induced hepatic and renal injury in chronically exposed rats: likely role of hepatic cadmium-metallothionein in nephrotoxicity. Dudley RE, et al. **Toxicol Appl Pharmacol** 1985 Mar 15;77(3):414-26

Effects of various trace metals on the binding of cadmium to rat hepatic metallothionein determined by the Cd/hemoglobin affinity assay. Eaton DL. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):158-62

Induction of hepatic metallothionein in mouse liver following administration of chelating agents. Goering PL, et al. **Toxicol Appl Pharmacol** 1985 Sep 30;80(3):467-72

Cadmium hypersusceptibility in the C3H mouse liver: cell specificity and possible role of metallothionein. Quaife C, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):9-17

Chemical modifications of metallothionein, II. Metabolic fate of cadmium bound to metallothionein polymers. Templeton DM, et al. **Toxicol Lett** 1985 Jun;25(3):279-86

Elevation of hepatic metallothionein in rats chronically exposed to dietary ethionine. Waalkes MP. **Toxicol Lett** 1985 Aug;26(2-3):133-8

Turnover of parenterally administered zinc and cadmium and the redistribution of metallothionein bound zinc in newborn rats. Asokan P, et al. **Toxicology** 1985 Jul;36(1):1-13

[Copper level and metallothionein-like Cu-binding protein in cultured skin fibroblasts from patients with Menkes' disease and Wilson's disease] Sato M, et al. **No To Shinkei** 1984 Nov;36(11):1063-8 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Effects of glucagon, Arg-vasopressin, and angiotensin II on rat hepatic zinc thionein levels. Helvig BS, et al. **Life Sci** 1984 Dec 17;35(25):2513-8

PHYSIOLOGY

Effect of cadmium and colcemide on the mitoses of a human epithelial cell line with high content of cytoplasmic metallothionein. Bakka A, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):242-6

Metallothioneins and resistance to cadmium poisoning in Drosophila cells. Debec A, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):143-52

Metallothioneins: proteins in search of function. Karin M. **Cell** 1985 May;41(1):9-10 (19 ref.)

Function and autoregulation of yeast copperthionein. Hamer DH, et al. **Science** 1985 May 10;228(4700):685-90

[Possible role of apometallothioneins] Nachev Ch. **Vutr Boles** 1985;24(3):1-23 (256 ref.) (Eng. Abstr.) **(Bul)**

METALLURGY

Infrared radiation and cataract. I. Epidemiologic investigation of iron- and steel-workers. Lydahl E, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):961-75

Workplace protection factor measurements on powered air-purifying respirators at a secondary lead smelter: results and discussion. Myers WR, et al. **Am Ind Hyg Assoc J** 1984 Oct;45(10):681-8

Saccadic eye movements among copper smelter workers. Glickman L, et al. **Am J Ind Med** 1985;7(2):141-53

Occupational health in Chinese metallurgical industries: report based on a visit. Goldsmith JR. **Am J Ind Med** 1985; 7(4):353-7

Asbestos disease in sheet metal workers: the results of a proportional mortality analysis. Zoloth S, et al. **Am J Ind Med** 1985;7(4):315-21

A comparison of two methods of measuring personal noise exposure. Shackleton S, et al. **Ann Occup Hyg** 1984; 28(4):373-90

Effects of low-level lead and arsenic exposure on copper smelter workers. Lilis R, et al. **Arch Environ Health** 1985 Jan-Feb;40(1):38-47

Identification of polycyclic aromatic compounds in mutagenic emissions from steel casting. Quilliam MA, et al. **Biomed Mass Spectrom** 1985 Apr;12(4):143-50

Respiratory abnormalities among workers in an iron and steel foundry. Johnson A, et al. **Br J Ind Med** 1985 Feb; 42(2):94-100

Raised mortality from lung cancer and high sex ratios of births associated with industrial pollution. Lloyd OL, et al. **Br J Ind Med** 1985 Jul;42(7):475-80

Respiratory disease in foundry workers. Low I, et al. **Br J Ind Med** 1985 Feb;42(2):101-5

Long term follow up of workers exposed to beryllium [letter] Preuss OP. **Br J Ind Med** 1985 Jan;42(1):69

Mortality of workers in an automobile engine and parts manufacturing complex. Vena JE, et al. **Br J Ind Med** 1985 Feb;42(2):85-93

Occupational asthma in a steel coating plant. Venables KM, et al. **Br J Ind Med** 1985 Aug;42(8):517-24

Acute exposure of symptomatic steelworkers to sulphur dioxide and carbon dust: effects on mucociliary transport, pulmonary function, and bronchial reactivity. Wolff RK, et al. **Br J Ind Med** 1984 Nov;41(4):499-505

An unusual sex ratio of births in an industrial town with mortality problems. Lloyd OL, et al. **Br J Obstet Gynaecol** 1984 Sep;91(9):901-7

Occupational dermatoses from cutting oils. Alomar A, et al. **Contact Dermatitis** 1985 Mar;12(3):129-38

Dermatitis in small-scale metal industries. Coenraads PJ, et al. **Contact Dermatitis** 1985 Mar;12(3):155-60

Subclinical effects of exposure to inorganic mercury revealed by somatosensory-evoked potentials. Lamm O, et al. **Eur Neurol** 1985;24(4):237-43

A field experiment on Rn flux from reclaimed uranium mill tailings. Hinton TG, et al. **Health Phys** 1985 Apr; 48(4):421-7

Lead-210 in uranium mine and mill workers. Palmer HE, et al. **Health Phys** 1984 Oct;47(4):632-4

Nickel exposure: a human health hazard. Doll R. **IARC Sci Publ** 1984;(53):3-21

Biological monitoring in nickel refinery workers. Morgan LG, et al. **IARC Sci Publ** 1984;(53):507-20

Respiratory cancer mortality of Welsh nickel refinery workers. Peto J, et al. **IARC Sci Publ** 1984;(53):37–46

Cancer mortality associated with the high-temperature oxidation of nickel subsulfide. Roberts RS, et al. **IARC Sci Publ** 1984;(53):23–35

A mortality study of Falconbridge workers. Shannon HS, et al. **IARC Sci Publ** 1984;(53):117–24

Biological monitoring in the metal working industry. Spiegelhalder B, et al. **IARC Sci Publ** 1984;(57):943–6

Evaluation of respiratory variables in smelter and control workers before and during a shutdown period. Holness DL, et al. **J Occup Med** 1985 May;27(5):341–6

Industrial processes: precious metal refining. Hughes EG. **J Soc Occup Med** 1984 Nov;34(4):133–4

Heavy metals in white-tailed deer living near a zinc smelter in Pennsylvania. Sileo L, et al. **J Wildl Dis** 1985 Jul; 21(3):289–96

Cyanide intoxication among silver-reclaiming workers. Blanc P, et al. **JAMA** 1985 Jan 18;253(3):367–71

Adverse environmental factors, peptic ulcer and chronic gastritis in a metalworking industry. Magni G, et al. **Med Lav** 1984 May-Jun;75(3):215–20

Analysis of trace metals for occupationally exposed workers. **MMWR** 1984 Nov 30;33(47):664, 669

Genetic monitoring of aluminum workers exposed to coal tar pitch volatiles. Heussner JC, et al. **Mutat Res** 1985 Mar; 155(3):143–55

Epidemiological approach to nickel carcinogenicity--uses and limitation. Norseth T. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:67–74 (27 ref.)

Mortality from cancer and other causes among workers at a metal refinery. Tokudome S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Mar 20;5 Suppl:101–8

Usage of dispersion analysis in studying risk factors of morbidity for metallurgy industry workers, by cardiovascular system diseases. Pushin SG, et al. **Sante Publique (Bucur)** 1984;27(1):65–72

Effects of job change on job satisfaction and mental strain. Kirjonen J, et al. **Scand J Work Environ Health** 1984 Dec; 10(6 Spec No):517–9

Different stages of disease, changes in heaviness of work and life cycle. Koskela RS, et al. **Scand J Work Environ Health** 1984 Dec;10(6 Spec No):451–4

Chromium, cobalt and lanthanum in lung, liver and kidney tissue from deceased smelter workers. Gerhardsson L, et al. **Sci Total Environ** 1984 Aug 1;37(2-3):233–46

Pulmonary function in aluminium smelters. Field GB. **Thorax** 1984 Oct;39(10):743–51

Pulmonary function in aluminium smelters [letter] Slovak AJ. **Thorax** 1985 Apr;40(4):319

[Protection of workers against non-ionizing electromagnetic radiation: examples of improvements in radiofrequency equipment in the plastic, wood and metallurgy industries] Orsini S, et al. **Med Lav** 1984 Nov-Dec;75(6):463–70 (Eng. Abstr.) **(Ita)**

[A case of diffuse lung disease associated with lung cancer in a hard metal worker] Kusaka Y, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Sep;22(9):804–8 (Eng. Abstr.) **(Jpn)**

[The occupational environment in the metallurgic and mechanical industries] Gylseth b, et al. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2488–90, 2476 **(Nor)**

[Main coronary disease risk factors in metallurgy workers] Dosiak J, et al. **Med Pr** 1984;35(3):231–6 (Eng. Abstr.) **(Pol)**

[Occupational exposure of workers in a zinc-processing plant] Jeszke M, et al. **Med Pr** 1984;35(4):289–92 (Eng. Abstr.) **(Pol)**

[Effect of mechanical vibrations and noise on creatine kinase activity in workers] Sroczyński J, et al. **Med Pr** 1984; 35(5):383–6 (Eng. Abstr.) **(Pol)**

[Skinfold thickness in children aged 3 to 15 years from the vicinity of the Katowice steel plant] Gralla G. **Pediatr Pol** 1984 Aug;59(8):651–8 (Eng. Abstr.) **(Pol)**

[Health status of workers chronically exposed to lead] Sroczyński J, et al. **Pol Tyg Lek** 1985 Feb 25;40(8):221–3 (Eng. Abstr.) **(Pol)**

[Various plasma components and whole blood viscosity in workers exposed to combined effects of the work environment (mainly mechanical vibration and noise)] Turczyński B, et al **Pol Tyg Lek** 1984 Sep 24;39(39):1281–3 (Eng. Abstr.) **(Pol)**

[Erythrocyte aggregation indicator and blood viscosity in workers exposed to combined effects of the work environment (mainly mechanical vibration and noise)] Turczyński B, et al. **Pol Tyg Lek** 1984 Sep 24;39(39):1285–8 (Eng. Abstr.) **(Pol)**

[Preliminary results of studies on affective disorders among administrative personnel of a large industrial plant] Chłopicki K, et al. **Psychiatr Pol** 1984 Mar-Apr; 18(2):147–51 (Eng. Abstr.) **(Pol)**

[Effect of emissions in the region of the Stalowa Huta plant and power station on the content of various trace elements of selected vegetables and fruit. II. Lead, cadmium, zinc, copper, nickel and iron content of fruit] Błoniarz J, et al. **Rocz Panstw Zakl Hig** 1984;35(2):119–24 (Eng. Abstr.) **(Pol)**

[Chromium content of plant food products from the environs of a copper-processing plant] Ilow R, et al. **Rocz Panstw Zakl Hig** 1984;35(3):217–20 (Eng. Abstr.) **(Pol)**

[Consequences of occupational accidents] Jakubski B. **Wiad Lek** 1985 Jan 1;38(1):28–33 (Eng. Abstr.) **(Pol)**

[Deafness and the radiologic aspect of the mastoid in chippers using pneumatic hammers on steel and iron castings] Ghibuş I, et al. **Rev Chir [Otorinolaringol]** 1984 Oct-Dec; 29(4):285–91 (Eng. Abstr.) **(Rum)**

[Value of a rational work schedule for female industrial workers in the prevention of pregnancy complications] Miterev AG. **Akush Ginekol (Mosk)** 1984 Dec;(12):52–3 **(Rus)**

[Efficiency of gas purification facilities for purification of ventilation emissions of nitrogen oxides in galvanizing shops] Nemtsov EE, et al. **Gig Sanit** 1984 Jul;(7):65 **(Rus)**

[Hygienic evaluation of working conditions in zinc hydrometallurgy] Nishchiĭ RA. **Gig Sanit** 1985 Jan;(1):93–5 **(Rus)**

[Bronchospastic syndrome in acute pneumonia among workers in a chromium plant] Baĭdillaeva SA, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):37–9 (Eng. Abstr.) **(Rus)**

[Complex measures for improving working conditions in the foundry of the Moscow 'Vodopribor' plant] Bulanova NK, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):46 **(Rus)**

[Cholinergic activity of the blood among healthy workers in the chromium industry and workers with chromium pathology] Iakovlev NA, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):43–6 (Eng. Abstr.) **(Rus)**

[Body functions of operators of various types of plasma units] Il'nitskaia AV. **Gig Tr Prof Zabol** 1985 Feb;(2):25–9 (Eng. Abstr.) **(Rus)**

[Effectiveness of sanitary improvement measures introduced in the sheet-rolling shop of the Karaganda Metallurgical Plant] Kabaev ShK, et al. **Gig Tr Prof Zabol** 1985 Jan; (1):48–50 **(Rus)**

[Physiologic health regulation of the labor of workers engaged in the maintenance of metallurgical furnaces and assemblies] Karnaukh NG, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):32–5 (Eng. Abstr.) **(Rus)**

[Effect of refined copper and lead aerosols on immunological indicators in workers] Lychagin VV, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):31–4 (Eng. Abstr.) **(Rus)**

[Methods of quantitative assessment of the entry of toxic substances into the body of workers by inhalation (using lead compounds as an example)] Pavlovskaia NA, et al. **Gig Tr Prof Zabol** 1985 Jun;(6):29–32 (Eng. Abstr.) **(Rus)**

[Organizational and practical questions concerning the work of engineer-physician teams] Retnev VM, et al. **Gig Tr Prof Zabol** 1984 Nov;(11):26–30 (Eng. Abstr.) **(Rus)**

[Health and hygiene assessment of the process for manufacturing cast forms from organic liquid self-hardening mixtures] Rogatnev PI, et al. **Gig Tr Prof Zabol** 1985 Jan;(1):50–1 **(Rus)**

[Eye function in metallurgists in the shops of the Kuznetsk Metallurgical Combine] Abramova IN, et al. **Oftalmol Zh** 1984;(4):239–41 **(Rus)**

[Selection of workers at a factory sanatorium] Alekperov II, et al. **Sov Zdravookhr** 1984;(11):20–2 (Eng. Abstr.) **(Rus)**

[Role of the 'health shop' in further reducing sick leave and increasing productivity] Braga GF, et al. **Sov Zdravookhr** 1984;(10):22–5 (Eng. Abstr.) **(Rus)**

[Temporary disability in hypertension among rolling mill workers in a metallurgical plant] Skoromets NM, et al. **Sov Zdravookhr** 1984;(11):16–20 **(Rus)**

[Lens disorders in workers in electrolytic shops] Dobromyslov AN, et al. **Vestn Oftalmol** 1985 May-Jun; 101(3):58–9 (Eng. Abstr.) **(Rus)**

[Burn of the laryngeal mucosa by molten metal] Grigor'ev VP, et al. **Vestn Otorinolaringol** 1984 Nov-Dec;(6):89 **(Rus)**

[Status of the nervous system in chronic bronchitis] Anatovskaia VS. **Vrach Delo** 1984 Dec;(12):88–91 (Eng. Abstr.) **(Rus)**

[Experience with the complex operation of public health and social service organs and institutions in preventing and reducing disability] Posnyĭ VF. **Vrach Delo** 1984 Dec; (12):101–2 **(Rus)**

INSTRUMENTATION

[Physiological hygienic evaluation of the working conditions of workers repairing the gas scrubbers in an aluminum plant] Babaev AB, et al. **Gig Tr Prof Zabol** 1984 Jul; (7):37–40 **(Rus)**

[Physiological basis for the standard number of workers servicing metallurgy equipment] Lebed' AP, et al. **Gig Tr Prof Zabol** 1985 Jan;(1):43–5 **(Rus)**

METALS

Metal-ion-dependent hydrophobic-interaction chromatography of alpha-lactalbumins. Lindahl L, et al. **Anal Biochem** 1984 Aug 1;140(2):394–402

Conjugation of antibodies with bifunctional chelating agents: isothiocyanate and bromoacetamide reagents, methods of analysis, and subsequent addition of metal ions. Meares CF, et al. **Anal Biochem** 1984 Oct;142(1):68–78

Electrode-biologic tissue interreactions at interfaces--a review. Sawyer PN. **Biomater Med Devices Artif Organs** 1984–85; 12(3–4):161–96

pH shifts and precipitation associated with metal ions in tissue culture. Bundy KJ, et al. **Biomaterials** 1985 Mar;6(2):89–96

Malignant fibrous histiocytoma at site of metal implant. Lee YS, et al. **Cancer** 1984 Nov 15;54(10):2286–9

Effects of pH and ligands on the metals-catalyzed hydrolysis of clioquinol conjugates. Hayakawa K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3205–9

Independence of the domains of metallothionein in metal binding. Nielson KB, et al. **J Biol Chem** 1985 Jul 25; 260(15):8698–701

Fractionation of human serum proteins by immobilized metal affinity chromatography. Andersson L. **J Chromatogr** 1984 Dec 19;315:167–74

2,2-dipyridyl binding to metal substituted horse liver alcohol dehydrogenase. Syvertsen C, et al. **J Inorg Biochem** 1984 Sep;22(1):43–53

Metal/cement interface strength in cemented stem fixation. Ahmed AM, et al. **J Orthop Res** 1984;2(2):105–18

Antiradiation compounds XIX: metal-binding abilities of thioureas. Foye WO, et al. **J Pharm Sci** 1984 Sep; 73(9):1284–6

Physical measurements of heavy metal filter performance. Burgess AE. **Med Phys** 1985 Mar-Apr;12(2):225–8

DNA cleavages of bleomycin-transition metal complexes induced by reductant, hydrogen peroxide, and ultraviolet light: characteristics and biological implication. Suzuki T, et al. **Nucleic Acids Symp Ser** 1984;(15):161–4

Ferromagnetic materials in patients: detection before MR imaging. Finn EJ, et al. **Radiology** 1985 Jul;156(1):139–41

Metallurgic and design development in response to mechanical dysfunction of Björk-Shiley heart valves. Björk VO. **Scand J Thorac Cardiovasc Surg** 1985;19(1):1–12

[Tetracycline complexes. Study of 1-1 complexes of iron III, cobalt II, copper II and nickel II with tetracycline, oxytetracycline, demeclocycline, doxycycline and minocycline] Magnam J, et al. **Ann Pharm Fr** 1984; 42(2):155–9 (Eng. Abstr.) **(Fre)**

[Studies on the one-shot energy subtraction technique using a metal filter] Shida T, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Mar 25; 45(3):542–4 (Eng. Abstr.) **(Jpn)**

[Possible effect of the surface of ideally-polarized metals on ion transport in the cellular membrane] Egorov EI. **Biofizika** 1984 Jul-Aug;29(4):686–8 (Eng. Abstr.) **(Rus)**

[Methods of determining trace amounts of glutaraldehyde in aqueous solutions and their use in the control of residual amounts of the substance on sterilized metal instruments] Epshtein AE, et al. **Gig Sanit** 1984 Dec;(12):32–3 **(Rus)**

[Calculation of the expenditure of precious metal in fabricating a dental prosthesis] Gusev IuP. **Stomatologiia (Mosk)** 1985 Jan-Feb;64(1):51–3 (Eng. Abstr.) **(Rus)**

[Role of disorders in the barrier-protective function of the skin, protein metabolism and enzyme activity in workers engaged in the manufacture of thermoelements during the development of occupational dermatoses] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):59–62 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Effects of metal-containing drugs taken simultaneously with clioquinol upon clinical features of SMON. Okada H, et al. **J Toxicol Sci** 1984 Nov;9(4):327–41

ADVERSE EFFECTS

Heavy-metal herbs [letter] Zimmers T. **Ann Emerg Med** 1985 May;14(5):486–7

Respiratory diseases from hard metal exposure. A continuing enigma [editorial] Cullen MR. **Chest** 1984 Oct;86(4):513–4

Main and interaction effects of metallic toxins on classroom behavior. Marlowe M, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):185–98

Metals and the lung [editorial] **Lancet** 1984 Oct 20; 2(8408):903–4

The aetiology of SMON may involve an interaction between clioquinol and environmental metals. Tjälve H. **Med Hypotheses** 1984 Nov;15(3):293–9

Significance and behaviour of heavy metals in wastewater treatment processes. IV. Water quality standards and criteria. Kirk PW, et al. **Sci Total Environ** 1984 Dec;40:1–44 (100 ref.)

Health and environmental implications of trace metals released from coal-fired power plants: an assessment study of the situation in the European Community. Sabbioni E, et al. **Sci Total Environ** 1984 Dec;40:141–54

[Heavy metal pneumoconiosis] Zsiray M, et al. **Orv Hetil** 1985 Jan 6;126(1):33–5 (Eng. Abstr.) **(Hun)**

[Tissue metallosis of the implant bed as a late complication of metal osteosynthesis] Zaitseva KK, et al. **Arkh Patol** 1984;46(8):37–45 (Eng. Abstr.) **(Rus)**

[Case of erythroderma after metal osteosynthesis] Il'in II, et al. **Vestn Dermatol Venerol** 1984 Aug;(8):60–1 (Eng. Abstr.) **(Rus)**

[Experimental contact dermatitis caused by microdust from thermoelement powder in guinea pigs] Kordis BD, et al. **Vestn Dermatol Venerol** 1985 Feb;(2):12–4 (Eng. Abstr.) **(Rus)**

ANALYSIS

Heavy metals in tissues of cattle exposed to sludge-treated pastures for eight years. Fitzgerald PR, et al. **Am J Vet Res** 1985 Mar;46(3):703-7

Heavy metals in fluids and tissues of fetal calves and in young calves of nursing cows exposed or not exposed to anaerobically digested wastewater sludge. Fitzgerald PR, et al. **Am J Vet Res** 1985 Jan;46(1):165-8

A spectrophotometric resin competition procedure to determine dissociation constants for metal ion-nucleotide complexes. Jenkins WT. **Anal Biochem** 1985 Mar; 145(2):362-6

Liquid chromatography with electrochemical and/or spectrophotometric detection for automated determination of lead, cadmium, mercury, cobalt, nickel, and copper. Bond AM, et al. **Anal Chem** 1984 Oct;56(12):2085-90

Mechanism of surfactant-induced changes in the visible spectrometry of metal-Chrome Azurol S complexes. Callahan JH, et al. **Anal Chem** 1984 Aug;56(9):1632-40

Alterations in potentiometric response of glucose oxidase platinum electrodes resulting from electrochemical or thermal pretreatments of a metal surface. Castner JF, et al. **Anal Chem** 1984 Dec;56(14):2891-6

Improved resolution in stripping analysis using the formation of intermetallic compounds. Wang J, et al. **Anal Chem** 1984 Nov;56(13):2379-82

Applications of a slotted quartz tube and flame atomic-absorption spectrometry to the analysis of biological samples. Brown AA, et al. **Analyst** 1985 Jun; 110(6):579-82

Quantification of results for estimating elemental dietary intakes of lithium, rubidium, strontium, molybdenum, vanadium and silver. Evans WH, et al. **Analyst** 1985 Jul; 110(7):873-7

Speeding up determinations by electrothermal atomic-absorption spectrometry. Halls DJ. **Analyst** 1984 Aug;109(8):1081-4

Spectrophotometric determination of zinc with biacetyl mono(2-pyridyl)hydrazone with application to its determination in tap waters and in alkali and alkaline earth metal chemicals. Rosales D, et al. **Analyst** 1985 Jun; 110(6):701-4

Controlled-dispersion flow analysis with atomic-absorption detection for the determination of clinically relevant elements. Sherwood RA, et al. **Analyst** 1985 May; 110(5):493-6

National Contaminant Biomonitoring Program: concentrations of seven elements in freshwater fish, 1978-1981. Lowe TP, et al. **Arch Environ Contam Toxicol** 1985 May;14(3):363-88

Metals in riparian wildlife of the lead mining district of southeastern Missouri. Niethammer KR, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):213-23

Fast atom bombardment mass spectrometry of metal nucleotide complexes. Brewer G, et al. **Biomed Mass Spectrom** 1984 Aug;11(8):400-2

Heavy metals in lamb liver: contribution from atmospheric fallout. Frøslie A, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):175-82

Multivariate analysis of water contamination by heavy metals at Doñana National Park. González J, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):266-71

Heavy metal concentrations of duck tissues in relation to ingestion of spent shot. Hall SL, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):163-72

Trace metal concentrations in fish from the South Esk river, northeastern Tasmania, Australia. Norris RH, et al. **Bull Environ Contam Toxicol** 1984 Sep;33(3):348-54

Heavy metal concentrations in tissues of mink in Virginia. Ogle MC, et al. **Bull Environ Contam Toxicol** 1985 Jul; 35(1):29-37

Metal concentrations in the sediments from the Arabian Gulf coast of Saudi Arabia. Sadiq M, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):565-71

Heavy metal concentrations in municipal wastewater treatment plant sludge. Spiegel SJ, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):38-43

Fish physiology and metal pollution: results and experiences from laboratory and field studies. Larsson A, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):250-81

The analysis of some evidential materials by inductively coupled plasma-optical emission spectrometry. Carpenter RC. **Forensic Sci Int** 1985 Mar;27(3):157-63

Magnesium, potassium, sodium and calcium in post-mortem vitreous humour from humans. Farmer JG, et al. **Forensic Sci Int** 1985 Jan;27(1):1-13

The low-technology monitoring of atmospheric metal pollution in central Scotland. Yule FA, et al. **IARC Sci Publ** 1984;(53):253-64

Preconcentration of cadmium, chromium, copper and lead in drinking water on the polyacrylic ester resin, XAD-7. Subramanian KS, et al. **Int J Environ Anal Chem** 1985; 19(4):261-72

Simple automated wet digestion of animal tissues for determination of seven elements by atomic absorption spectroscopy. Salisbury CD, et al. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):218-9

Inductively coupled plasma emission spectroscopic determination of nine elements in infant formula: collaborative study. Suddendorf RF, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):985-92

Determination of heavy metals by isotachophoresis. Everaerts FM, et al. **J Chromatogr** 1985 Feb 22; 320(1):263-8

Trace metal residues in shellfish from Maryland waters, 1976-1980. Eisenberg M, et al. **J Environ Sci Health [B]** 1984 Oct;19(7):649-71

Metallic elements in hydatid fluid. Sheriff DS, et al. **J Helminthol** 1984 Dec;58(4):335-6

Ultrastructural autometallography: a method for silver amplification of catalytic metals. Danscher G, et al. **J Histochem Cytochem** 1985 Jul;33(7):706-10

Heavy metals in white-tailed deer living near a zinc smelter in Pennsylvania. Sileo L, et al. **J Wildl Dis** 1985 Jul; 21(3):289-96

Toxic metal contamination of folk remedy [letter] D'Alauro F, et al. **JAMA** 1984 Dec 14;252(22):3127

Elution tests for metals on household articles. Horiguchi S, et al. **Osaka City Med J** 1983;29(2):145-54

Heavy metals in human and animal bones from ancient and contemporary France. Jaworowski Z, et al. **Sci Total Environ** 1985 May;43(1-2):103-26

Levels of heavy metals in the tidal Elbe and its estuary and the heavy metal input into the sea. Mart L, et al. **Sci Total Environ** 1985 Jul;44(1):35-49

Sponge 'sentinel' of heavy metals. Patel B, et al. **Sci Total Environ** 1985 Feb;41(2):143-52

Pollutants in harp seals (Phoca groenlandica). II. Heavy metals and selenium. Ronald K, et al. **Sci Total Environ** 1984 Sep;38:153-66

Elemental contamination of Japanese women's hair from historical samples. Suzuki T, et al. **Sci Total Environ** 1984 Oct;39(1-2):81-91

Adsorption and desorption of polydimethylsiloxane, PCBs, cadmium nitrate, copper sulfate, nickel sulfate and zinc nitrate by river surface sediments. Watanabe N, et al. **Sci Total Environ** 1985 Feb;41(2):153-61

Properties and toxicity of airborne wood dust in wood-working establishments. Liu WK, et al. **Toxicol Lett** 1985 Jul;26(1):43-52

Heavy metals at trace level in edible mussels (Mytilus galloprovincialis Lamarck) from the gulf of Trieste. Favretto LG, et al. **Z Lebensm Unters Forsch** 1984 Sep; 179(3):197-200

[Attempted characterization of microorganisms by their metallic profiles] Laurence RA, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec;135B(3):347-58 (Eng. Abstr.) **(Fre)**

[Levels of contamination in preserved fruits and vegetables by metals] Noirfalise A, et al. **Arch Belg** 1984; 42(9-10):471-81 (Eng. Abstr.) **(Fre)**

[Use of the film impression procedure--a procedure for the detection of surface distribution of chemical elements in gunshot residues] Hoffmann R. **Arch Kriminol** 1985 Jan-Feb;175(1-2):21-30 (Eng. Abstr.) **(Ger)**

[Voltammetric determination of heavy metals in meat and the internal organs of slaughter cattle] Nar[illegible]s HD, et al. **Z Lebensm Unters Forsch** 1984 Dec;179(6):440-6 (Eng. Abstr.) **(Ger)**

[Metal concentrations in fishes of the Rednitz River] Weber O. **Z Lebensm Unters Forsch** 1985 Jun;180(6):463-6 (Eng. Abstr.) **(Ger)**

[Contamination of oaks by heavy metals] Ottaviani M, et al. **Ann Ist Super Sanita** 1983;19(2-3):471-4 (Eng. Abstr.) **(Ita)**

[Air pollution survey in Kitakyushu district] Kodama Y, et al. **Sangyo Ika Daigaku Zasshi** 1983 Dec 1;5(4):449-60 (Eng. Abstr.) **(Jpn)**

[Determination of microgram amounts of heavy metals in organic substance by X-ray fluorescence spectrometry: application to the determination of heavy metal contents in crude drugs] Kan M, et al. **Yakugaku Zasshi** 1984 Jun; 104(6):624-30 (Eng. Abstr.) **(Jpn)**

[Effect of emissions in the region of the Stalowa Huta plant and power station on the content of various trace elements of selected vegetables and fruit. II. Lead, cadmium, zinc, copper, nickel and iron content of fruit] B[illegible]niarz J, et al. **Rocz Panstw Zakl Hig** 1984;35(2):119-24 (Eng. Abstr.) **(Pol)**

[Lead, cadmium, arsenic, copper, zinc, iron and magnesium content of muscles of slaughterhouse animals. I. Muscle tissue of swine, 1975-1983] Falandysz J, et al. **Rocz Panstw Zakl Hig** 1984;35(6):505-13 (Eng. Abstr.) **(Pol)**

[Hygienic aspects of the current use of sewage waters for agricultural purposes] Perelygin VM. **Gig Sanit** 1984 Aug; (8):12-5 (Eng. Abstr.) **(Rus)**

[Heavy metal content of canned fruit and vegetables] Gel'fand SIu, et al. **Vopr Pitan** 1984 Nov-Dec;(6):65-6 **(Rus)**

[Metal content of food products from different regions of the country] Shtenberg AI. **Vopr Pitan** 1984 Nov-Dec; (6):11-7 **(Rus)**

ANTAGONISTS & INHIBITORS

Antagonists for toxic heavy metals. Jones MM. **Proc West Pharmacol Soc** 1984;27:163-7

BLOOD

Determination of metals at the microgram-per-liter level in blood serum by simultaneous multielement atomic absorption spectrometry with graphite furnace atomization. Lewis SA, et al. **Anal Chem** 1985 Jan;57(1):2-5

Binding of manganese in human and rat plasma. Scheuhammer AM, et al. **Biochim Biophys Acta** 1985 Jun 18;840(2):163-9

Formalin preservation of avian blood for metal and DDE analysis. Wiemeyer SN, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):525-32

K, Ca, Mg, and Zn in platelets, as determined by atomic absorption spectrometry with use of a sealed decomposition bomb and discrete nebulization. Makino T. **Clin Chem** 1985 Apr;31(4):609-12

Heavy metal concentrations in blood cells in patients with amyotrophic lateral sclerosis. Nagata H, et al. **J Neurol Sci** 1985 Feb;67(2):173-8

METABOLISM

Elucidation of the structure and metal sequestering properties of metallothionein by nuclear magnetic resonance. Dalgarno DC, et al. **Adv Inorg Biochem** 1984;6:113-38 (84 ref.)

Metal binding by pharmaceuticals. Part 5. Interaction of Cd(II), Ni(II) and Pb(II) with the intracellular hydrolysis products of the anti-tumour agent ICRF 159 and its inactive homologue ICRF 192. May PM, et al. **Agents Actions** 1984 Oct;15(3-4):448-53

Accumulation of toxic metals in male reproduction organs. Danielsson BR, et al. **Arch Toxicol [Suppl]** 1984;7:177-80

Bovine heart cytochrome c oxidase preparations contain high affinity binding sites for magnesium as well as for zinc, copper, and heme iron. Einarsdóttir O, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):840-7

Failure of cis-platinum to alter metal concentrations in the liver and kidney of the rat. Kinsler S, et al. **Biochem Int** 1985 Jun;10(6):847-53

The histidine-rich glycoprotein of serum has a domain rich in histidine, proline, and glycine that binds heme and metals. Morgan WT. **Biochemistry** 1985 Mar 12; 24(6):1496-501

A selective loss of hippocampal mossy fiber Timm stain accompanies granule cell seizure activity induced by perforant path stimulation. Sloviter RS. **Brain Res** 1985 Mar 18;330(1):150-3

Assimilation of zinc, cadmium, lead, copper, and iron by the spider Dysdera crocata, a predator of woodlice. Hopkin SP, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):183-7

Influence of anionic surface-active agents on the uptake of heavy metals by water hyacinth (Eichhornia crassipes). Muramoto S, et al. **Bull Environ Contam Toxicol** 1984 Oct; 33(4):444-50

Bird use and heavy metal accumulation in waterbirds at dredge disposal impoundments, Corpus Christi, Texas. White DH, et al. **Bull Environ Contam Toxicol** 1985 Feb; 34(2):295-300

Metallothionein synthesis and localization in relation to metal storage in rat liver during gestation. Templeton DM, et al. **Can J Biochem Cell Biol** 1985 Jan;63(1):16-22

Radioactive metal complexes of ethylenediamine-N,N-diacetic acid. Biodistribution of radioactivity in mice bearing tumors. Karube Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4049-53

Comparisons of nine heavy metals in salt gland and liver of greater scaup (Aythya marila), black duck (Anas rubripes) and mallard (A. platyrhynchos). Burger J, et al. **Comp Biochem Physiol** [C] 1985;81(2):287-92

Patterns of accumulation, distribution and liberation of Zn, Cu, Cd and Pb in different organs of the land snail Helix pomatia L. Dallinger R, et al. **Comp Biochem Physiol** [C] 1984;79(1):117-24

Molecular fractionation of Zn, Cu, Cd and Pb in the midgut gland of Helix pomatia L. Dallinger R, et al. **Comp Biochem Physiol** [C] 1984;79(1):125-9

Cadmium and lead toxicity effects on zinc, copper, nickel and iron distribution in the developing chick embryo. Mas A, et al. **Comp Biochem Physiol** [C] 1985;80(1):185-8

Effect of cadmium-feeding on tissue concentrations of elements in germ-free silkworm (Bombyx mori) larvae and distribution of cadmium in the alimentary canal. Suzuki KT, et al. **Comp Biochem Physiol** [C] 1984;79(2):249-53

Subcellular distribution of heavy metals in liver and kidney of a narwhal whale (Monodon monoceros): an evaluation for the presence of metallothionein. Wagemann R, et al. **Comp Biochem Physiol** [C] 1984;78(2):301-7

Lung clearance, translocation, and acute toxicity of arsenic, beryllium, cadmium, cobalt, lead, selenium, vanadium, and ytterbium oxides following deposition in rat lung. Rhoads K, et al. **Environ Res** 1985 Apr;36(2):359-78

Magnetic resonance studies on the interaction of metal-ion and nucleotide ligands with brain hexokinase. Jarori GK, et al. **Eur J Biochem** 1984 Sep 17;143(3):669-76

Metal binding to yeast aminopeptidase I. Röhm KH. **Eur J Biochem** 1985 Feb 1;146(3):633-9

16th Sir Hans Krebs lecture. The symbiosis of metal and protein functions. Williams RJ. **Eur J Biochem** 1985 Jul 15;150(2):231-48

Autometallography. A new technique for light and electron microscopic visualization of metals in biological tissues (gold, silver, metal sulphides and metal selenides). Danscher G. **Histochemistry** 1984;81(4):331-5

Metal binding capacities of some coumarin and indanedione drugs. Nath BB, et al. **Indian J Biochem Biophys** 1984 Aug; 21(4):232-6

Renal handling of 'filterable' plasma metals and organic substances in man. Yokoyama K, et al. **J Appl Toxicol** 1985 Apr;5(2):94-6

Metal interactions with beef heart mitochondrial ATPase. Daggett SG, et al. **J Biol Chem** 1985 May 25;260(10):6213-8

Distinct metal-binding configurations in metallothionein. Nielson KB, et al. **J Biol Chem** 1985 May 10;260(9):5342-50

A sulphide-osmium procedure for detection of metal-containing synaptic boutons in the lizard cerebral cortex. Lopez-Garcia C, et al. **J Neurosci Methods** 1984 Sep;11(4):211-20

Dentine hypersensitivity. A quantitative comparison of the uptake of metal salts and fluoride by dentine and hydroxyapatite. Dowell P, et al. **J Periodont Res** 1984 Sep; 19(5):530-9

Proceedings of the 2nd symposium on roles of metals in biological reactions, biology and medicine. Kyoto. Abstracts. **J Pharmacobiodyn** 1985 Jan;8(1):s1-28

ATP ase-positive and metallophilic cells in the skin of frog, Rana catesbeiana. Banerjee TK, et al. **Nagoya J Med Sci** 1985 Mar;47(3-4):83-90

Trace metal metabolism in cultured skin fibroblasts of the mottled mouse: response to metallothionein inducers. Packman S, et al. **Pediatr Res** 1984 Dec;18(12):1282-6

A study of selective adsorption of Na+ and other alkali-metal ions on isolated proteins: a test of the salt-linkage hypothesis. Ling GN, et al. **Physiol Chem Phys Med NMR** 1984;16(3):221-35

Immunoaffinity purification of factor IX (Christmas factor) by using conformation-specific antibodies directed against the factor IX-metal complex. Liebman HA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3879-83

The interaction of catalytic metal ions and ionizing groups in equilibrium studies and in transient intermediates of metal-substituted alcohol dehydrogenases. Maret W, et al. **Prog Clin Biol Res** 1985;174:181-91

Heavy metal uptake and intracellular binding in isolated gill preparations of Mytilus galloprovincialis L. Nolan C, et al. **Sci Total Environ** 1984 Dec;40:83-92

Transition metals in human cancer II. Ranade SS, et al. **Sci Total Environ** 1984 Dec;40:245-57

Metals and the liver: receptacles to receptors and recombinant DNA. Powell LW. **Semin Liver Dis** 1984 Aug; 4(3):iii-vii

The ultrastructure and metal-containing inclusions of mature cell types in the hepatopancreas of a crayfish. Lyon R, et al. **Tissue Cell** 1984;16(5):805-17

PHARMACODYNAMICS

Effects of phosphate anions and some divalent metal cations on phosphoenolpyruvate carboxykinase. Comparison of liver and kidney enzyme. Karczmarewicz E, et al. **Acta Biochim Pol** 1984;31(3):329-39

Insulin degradation in human erythrocyte: effects of cations. Bellomo G, et al. **Acta Diabetol Lat** 1985 Jan-Mar; 22(1):63-9

Susceptibilities of Mycobacterium fortuitum biovariant fortuitum and the unnamed third biovariant complex to heavy-metal salts. Wallace RJ Jr, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):594-6

Resistance to drugs and heavy metals, colicin production, and biochemical characteristics of selected bovine and porcine Escherichia coli strains. Harnett NM, et al. **Appl Environ Microbiol** 1984 Nov;48(5):930-5

Role of metal ions in activity and site:site heterogeneity in isocitrate lyase of castor seedling endosperm. Malhotra OP, et al. **Arch Biochem Biophys** 1984 Dec;235(2):612-7

On the mechanism of the enzyme-inducing action of some heavy metal salts. Kadiiska M, et al. **Arch Toxicol** 1985 Jan;56(3):167-9

The specific vulnerability of the substantia nigra to MPTP is related to the presence of transition metals. Poirier J, et al. **Biochem Biophys Res Commun** 1985 Apr 16; 128(1):25-33

Role of metal ions in goat carboxypeptidase A-catalysed hydrolysis of acyl peptides. Dua RD, et al. **Biochem Int** 1984 Sep;9(3):379-89

Evidence that the peripheral cyclic AMP phosphodiesterase of rat liver plasma membranes is a metalloenzyme. Londesborough J. **Biochem J** 1985 Jan 1;225(1):143-7

Inhibition of phosphatidylinositol phosphodiesterase activity in skeletal muscle by metal ions and drugs which block neuromuscular transmission. Shute JK, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2471-5

Injury by heavy metals in Escherichia coli. Cenci G, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):188-95

Activation of hyaluronidase by metallic salts and compound 48/80, and inhibitory effect of anti-allergic agents on hyaluronidase. Kakegawa H, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):642-6

Isolation and characterization of metallothionein from the tortoise Clemmys mutica. Yamamura M, et al. **Comp Biochem Physiol [C]** 1984;79(1):63-9

Control of heme and cytochrome P-450 metabolism by inorganic metals, organometals and synthetic metalloporphyrins. Kappas A, et al. **Environ Health Perspect** 1984 Aug;57:301-6

Studies on the nature of transition-metal-ion-mediated binding of triazine dyes to enzymes. The interaction of procion red MX-8B with carboxypeptidase G-2. Hughes P, et al. **Eur J Biochem** 1984 Oct 1;144(1):135-42

Concentration of metallothionein in major organs of rats after administration of various metals. Waalkes MP, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):473-7

Effect of antibiotics and heavy metals on the production and release of staphylocoagulase. Kanwar SS, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):241-4

Studies on the mechanism of toxicity of the mycotoxin sporidesmin. 3--Inhibition by metals of the generation of superoxide radical by sporidesmin. Munday R. **J Appl Toxicol** 1984 Aug;4(4):182-6

Alcaligenes eutrophus CH34 is a facultative chemolithotroph with plasmid-bound resistance to heavy metals. Mergeay M, et al. **J Bacteriol** 1985 Apr;162(1):328-34

Induction of superoxide dismutases in Escherichia coli B by metal chelators. Pugh SY, et al. **J Bacteriol** 1985 Apr; 162(1):196-202

DNA-scission activities of ascorbate in the presence of metal chelates. Chiou SH. **J Biochem (Tokyo)** 1984 Oct; 96(4):1307-10

Iron and copper promote modification of low density lipoprotein by human arterial smooth muscle cells in culture. Heinecke JW, et al. **J Clin Invest** 1984 Nov; 74(5):1890-4

Inhibitory effects of some heavy metal ions on taste nerve responses in mice. Iwasaki K, et al. **Jpn J Physiol** 1984; 34(5):907-18

Effects of metal ions and chelating agents on in vitro stability of glucocorticoid receptors in brain cytosol. Densmore CL, et al. **Life Sci** 1984 Nov 26;35(22):2237-46

Coordinate regulation of mouse metallothionein I and II genes by heavy metals and glucocorticoids. Yagle MK, et al. **Mol Cell Biol** 1985 Feb;5(2):291-4

Regulation of human neutrophil guanylate cyclase by metal ions, free radicals and the muscarinic cholinergic receptor. Lad PM, et al. **Mol Immunol** 1985 Jul;22(7):731-9

Effects of transition metals on TRH-receptor interaction. Ogawa N, et al. **Neurosci Res** 1984 Oct;1(5):363-8

Duplicated heavy metal control sequences of the mouse metallothionein-I gene. Carter AD, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7392-6

Protective effect of metallothionein inducing metals on lethal toxicity of cis-diamminedichloroplatinum in mice. Naganuma A, et al. **Toxicol Lett** 1985 Feb-Mar; 24(2-3):203-7

Fractionation of red diamond rattlesnake (Crotalus ruber ruber) venom: protease, phosphodiesterase, L-amino acid oxidase activities and effects of metal ions and inhibitors on protease activity. Mackessy SP. **Toxicon** 1985; 23(2):337-40

Survey of resistance to metals and volatilization activity of Hg-resistant R plasmids in Citrobacter isolated from clinical lesions in Japan. Nakahara H, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug; 257(3):400-8

[Effect of multiple applications of heavy metal salts on NADPH-dependent lipid peroxidation] Kadiiska M, et al. **Eksp Med Morfol** 1984;23(3).123-6 (Eng. Abstr.) **(Bul)**

[The effect of di- and trivalent metal ions on the binding of [3H-Tyr1, D-Ala2, D-Leu5] enkephalin to opiate receptors from the rat brain] Porodenko NV, et al. **Bioorg Khim** 1984 Jul;10(7):902-11 (Eng. Abstr.) **(Rus)**

[Effect of di- and trivalent metal ions on the complexing of D-ala2, D-leu5-enkephalin with opiate receptors of brain membrane preparations] Zaitsev SV, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1260-3 **(Rus)**

[Effect of metal ions on the glucose isomerase activity of Streptomyces robeus S-606] Chuguĭ VA, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):64-7 (Eng. Abstr.) **(Rus)**

[Effect of bivalent metal ions on the fluctuations of ion currents in rat liver mitochondria] Kholmukhamedov EL, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):43-9 (Eng. Abstr.) **(Rus)**

[Effect of divalent metal ions--stimulants of uterine contractile activity--on the Mg2+, ATP-dependent transport of Ca2+ in the myometrial sarcolemma fraction] Kosterin SA, et al. **Vopr Med Khim** 1985 Mar-Apr; 31(2):97-101 (Eng. Abstr.) **(Rus)**

POISONING

Chemical principles of chelate therapy in neurotoxicology. Hartvig P. **Acta Neurol Scand [Suppl]** 1984;100:199-202

Changes in fatty acid elongation in developing mouse brain by mercury--comparison with other metals. Bourre JM, et al. **Toxicol Lett** 1985 Apr;25(1):19-23

[Detoxication of poisoning by 11 metals by quinamic acid] Yan XM, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar; 6(1):73-6 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Anticancer activity of metal compounds with superoxide dismutase activity. Oberley LW, et al. **Agents Actions** 1984 Dec;15(5-6):535-8

TOXICITY

Effects of some toxic metals on hepatic microsomal mixed function oxidase system of the rat. Xiao GH, et al. **Acta Acad Med Wuhan** 1984;4(3):158-62

Some toxic effects of lead, other metals and antibacterial agents on the nervous system--animal experiment models. Olson L, et al. **Acta Neurol Scand [Suppl]** 1984;100:77-87

Changes in rat liver and brain monoamine oxidase activity after acute treatment with some heavy metal salts. Yanev S, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):36-45

The effects of heavy metal contamination on the aquatic biota of Buttle Lake and the Campbell River drainage (Canada). Roch M, et al. **Arch Environ Contam Toxicol** 1985 May; 14(3):347-62

Differential response of marine organisms to certain metal and agrichemical pollutants. Lee HH, et al. **Bull Environ Contam Toxicol** 1984 Oct;33(4):460-7

Heavy metal levels in Nucella lapillus (Gastropoda: Prosobranchia) from sites with normal and penis-bearing females from New England. Miller ER 3d, et al. **Bull Environ Contam Toxicol** 1984 Nov;33(5):612-20

Podiatric metallurgy and the effects of implanted metals on living tissues. Jacobs AM, et al. **Clin Podiatry** 1985 Jan; 2(1):121-41 (58 ref.)

Disruption of circulatory and respiratory activity in shore crabs (Carcinus maenas (L)) exposed to heavy metal pollution. Depledge MH. **Comp Biochem Physiol [C]** 1984; 78(2):445-59

Mutagenicity of metal ions in bacteria. Arlauskas A, et al. **Environ Res** 1985 Apr;36(2):379-88

The mediation of mutagenicity and clastogenicity of heavy metals by physicochemical factors. Babich H, et al. **Environ Res** 1985 Aug;37(2):253-86 (275 ref.)

Heavy metal toxicity to microbe-mediated ecologic processes: a review and potential application to regulatory policies. Babich H, et al. **Environ Res** 1985 Feb;36(1):111-37 (162 ref.)

Calmodulin: its potential role in cell proliferation and heavy metal toxicity. Cheung WY. **Fed Proc** 1984 Dec; 43(15):2995-9 (42 ref.)

Toxicity of metallic ions in the lung: effects on alveolar macrophages and alveolar type II cells. Castranova V, et al. **J Toxicol Environ Health** 1984;13(4-6):845-56

Study of the mutagenicity of metal derivatives with Salmonella typhimurium TA102. Marzin DR, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):49-51

Mutagenic effects of some water-soluble metal compounds in a somatic eye-color test system in Drosophila melanogaster. Rasmuson A. **Mutat Res** 1985 Aug-Sep; 157(2-3):157-62

The immunotoxicity of selected environmental chemicals, pesticides and heavy metals. Exon JH. **Prog Clin Biol Res** 1984;161:355-68

Chemically-altered viral susceptibilities, stressing tissue cultures, metals, interferon, and porcine iron deficiency. Gainer JH. **Prog Clin Biol Res** 1984;161:171-86

Reproductive and developmental toxicity of metals. Clarkson TW, et al. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):145-54

Effects of metal compounds on mitochondrial function: a review. Byczkowski JZ, et al. **Sci Total Environ** 1984 Aug 1;37(2-3):133-62 (104 ref.)

Development of locomotor activity of rat pups exposed to heavy metals. Ruppert PH, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):69-77

Rapid cytotoxicity testing using a semi-automated protein determination on cultured cells. Shopsis C, et al. **Toxicol Lett** 1985 Jul;26(1):1-8

[Heavy metals--toxicity at low doses in the environment and in the work place] Neuberger M. **Acta Med Austriaca** 1984; 11(5):165-70 (Eng. Abstr.) **(Ger)**

[Effects of serum concentrations on toxicity of heavy metals in cell culture] Ishitani A. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):804-13 (Eng. Abstr.) **(Jpn)**

URINE

Analysis of urine samples by electrothermal atomisation--atomic-absorption spectrometry: a comparison of natural and control material. Dungs K, et al. **Analyst** 1984 Jul;109(7):877-80

Stabilization of glutathione in urine and plasma: relevance to urinary metal excretion studies. Mulder KM, et al. **J Anal Toxicol** 1985 Jan-Feb;9(1):31-5

METALS, ACTINIDE

METABOLISM

Further studies on the influence of chemical form and dose on absorptions of Np, Pu, Am and Cm from the gastrointestinal tracts of adult and neonatal rodents. Sullivan MF, et al. **Health Phys** 1985 Jan;48(1):61-73

METALS, ALKALI

Alkali metals: an update. **Pharmacol Biochem Behav** 1984;21 Suppl 1:1-135

[Interaction of immobilized DNA with alkaline metal and ammonium ions] Kuznetsov IA, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1583-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Neuropsychiatric manifestations of alkali metal deficiency and excess. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:71-5 (70 ref.)

METABOLISM

Volume regulation by Amphiuma red blood cells: strategies for identifying alkali metal/H+ transport. Cala PM. **Fed Proc** 1985 Jun;44(9):2500-7

PHARMACODYNAMICS

Chronotropic effect of alkali metals on spontaneously beating right atria. Roberts LA. **Pharmacol Biochem Behav** 1984; 21 Suppl 1:81-5

Effect of extracellular alkali metal salts on the electric parameters of human erythrocytes in normal and pathological conditions (homozygous beta-thalassemia). Ballario C, et al. **Z Naturforsch [C]** 1984 Nov-Dec; 39(11-12):1163-9

POISONING

A synopsis on metals in medicine and psychiatry. Yung CY. **Pharmacol Biochem Behav** 1984;21 Suppl 1:41-7

METALS, ALKALINE EARTH

METABOLISM

Na+-dependent alkaline earth metal uptake in cardiac sarcolemmal vesicles. Tibbits GF, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):327-32

METALS, RARE EARTH

Plain radiography with a rare-earth screen: comparison with calcium tungstate screen. Picus D, et al. **AJR** 1984 Dec; 143(6):1335-8

Metal-ion binding to parvalbumin. A 113Cd-n.m.r. study of the binding of different lanthanide ions. Drakenberg T, et al. **Biochem J** 1985 May 1;227(3):711-7

The lanthanide-enhanced affinity chromatography of clostridial collagenase. Evans CH. **Biochem J** 1985 Jan 15; 225(2):553-6

Sensitometric evaluation of rare earth intensifying screen systems. Thunthy KH, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):102-6

DIAGNOSTIC USE

An evaluation of rare-earth imaging systems in panoramic radiography. Gratt BM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):475-82

METABOLISM

Luminescence studies of lanthanide ion binding to parvalbumin. Henzl MT, et al. **J Biol Chem** 1985 Jul 15; 260(14):8447-55

PHARMACODYNAMICS

Inhibition, by lanthanides, of neutral proteinases secreted by human, rheumatoid synovium. Evans CH, et al. **Eur J Biochem** 1985 Aug 15;151(1):29-32

METAMORPHOSIS, BIOLOGICAL

The shifting of the aortic origin of the brachial arteries in the metamorphosing eel Anguilla anguilla (L.), with remarks on the shifting mechanisms in arterial junctions in general. Willemse JJ, et al. **Acta Anat (Basel)** 1985; 121(4):216-22

Metamorphic changes in the hindgut of Sarcophaga ruficornis with special reference to the development of rectal pads. Singh SV, et al. **Acta Morphol Neerl Scand** 1984 Oct;22(3):245-55

Corticosterone stimulates the development of preoptic catecholamine neurons in tadpoles Bufo bufo japonicus. Miyakawa M, et al. **Anat Embryol (Berl)** 1984;170(2):113-5

A practical method for staging metamorphosis in the tiger salamander Ambystoma tigrinum. Norman MF. **Anat Rec** 1985 Jan;211(1):102-9

Ultrastructural changes in development and aging of the interrenal cell of the salamander, Hynobius nebulosus. Setoguti T, et al. **Arch Histol Jpn** 1985 Apr;48(2):199-211

Actin-mediated retraction of the larval epidermis during metamorphosis of the sand dollar, Dendraster excentricus. Burke RD. **Cell Tissue Res** 1985;239(3):589-97

Acetylcholinesterase activity in nerve endings of tails of Rana japonica and R. catesbeiana during metamorphosis. Sasaki F, et al. **Cell Tissue Res** 1985;239(3):511-7

Scanning electron microscopy of macrophages in the tail musculature of the metamorphosing anuran tadpole, Rana japonica. Watanabe K, et al. **Cell Tissue Res** 1985; 241(3):545-50

Interrenal function during amphibian metamorphosis: in vitro biosynthesis of radioactive corticosteroids from (4(14)C)-progesterone by interrenal in Xenopus laevis tadpoles. Jolivet-Jaudet G, et al. **Comp Biochem Physiol [B]** 1984;79(2):239-44

Isolation of lysosomes from the tail of metamorphosing bullfrog tadpole. Kobayashi K, et al. **Comp Biochem Physiol [B]** 1985;81(3):603-7

The patterns of brain gangliosides of Rana catesbeiana during metamorphosis and in the adult. Yates AJ, et al. **Dev Biol** 1985 Jul;110(1):255-8

Putative nuclear triiodothyronine receptors in tadpole liver during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Sep;117(3):912-6

Putative nuclear triiodothyronine receptors in tadpole erythrocytes during metamorphic climax. Galton VA, et al. **Endocrinology** 1985 Jan;116(1):99-104

Environmental influence on shape of the crystalline lens: the amphibian example. Sivak JG, et al. **Exp Biol** 1985; 44(1):29-40

Difference of the in vivo responsiveness to thyrotropin stimulation between the neotenic and metamorphosed axolotl, Ambystoma mexicanum: failure of prolactin to block the thyrotropin-induced thyroxine release. Darras VM, et al. **Gen Comp Endocrinol** 1984 Nov;56(2):321-5

Insulin-like immunoreactivity in serum and pancreas of metamorphosing tadpoles. Hulsebus J, et al. **Gen Comp Endocrinol** 1985 Apr;58(1):114-9

Variations in aldosterone and corticosterone plasma levels during metamorphosis in Xenopus laevis tadpoles. Jolivet Jaudet G, et al. **Gen Comp Endocrinol** 1984 Oct;56(1):59-65

Immunofluorescent detection and localization of thyroxine in blood of Rana catesbeiana from early larval through metamorphic stages. Piotrowski DC, et al. **Gen Comp Endocrinol** 1985 Jul;59(1):82-90

The development of ACTH-like substance during tadpole metamorphosis. Yu NW, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):72-6

Pattern regulation in fragments of Drosophila wing discs which show variable wound healing. Dale L, et al. **J Embryol Exp Morphol** 1985 Feb;85:95-109

Do larval epidermal cells possess the blueprint for adult pattern in Drosophila? Madhavan MM, et al. **J Embryol Exp Morphol** 1984 Aug;82:1-8

Changes in neuronal circuits during insect metamorphosis. Levine RB. **J Exp Biol** 1984 Sep;112:27-44 (52 ref.)

Immunocytochemistry of luteinizing hormone-releasing hormone during spontaneous and thyroxine-induced metamorphosis of bullfrogs. Whalen R, et al. **J Exp Zool** 1985 Apr;234(1):131-44

Ultrastructural investigation on the myelinated fibres in toad medulla oblongata during metamorphosis. Del Grande P, et al. **J Hirnforsch** 1985;26(1):23-31

Dendritic reorganization of abdominal motoneurons during metamorphosis of the moth, Manduca sexta. Levine RB, et al. **J Neurosci** 1985 Sep;5(9):2424-31

Independent steroid control of the fates of motoneurons and their muscles during insect metamorphosis. Weeks JC, et al. **J Neurosci** 1985 Aug;5(8):2290-300

Heat shock genes: regulatory role for differentiation in parasitic protozoa. Van der Ploeg LH, et al. **Science** 1985 Jun 21;228(4706):1443-6

Histology, secretory activity and metamorphic changes in the ventral nerve cord neurosecretory cells in the larvae of Samia cynthia ricini (Lepidoptera: Saturnidae). Srivastava VK, et al. **Z Mikrosk Anat Forsch** 1985; 99(1):95-106

Emergence of imagines of Aphomia sociella (L.) (Lepidoptera: Pyralidae) after exposure of cocooned larvae to low temperatures. Schousboe C. **Z Versuchstierkd** 1984; 26(5):205-8

[Light and electron microscopy analysis of the differentiation of oropharyngeal epithelium in Salamandra salamandra (L.) during metamorphosis (Urodela:Salamandridae)] Clemen G. **Anat Anz** 1985;158(3):241-61 (Eng. Abstr.) **(Ger)**

DRUG EFFECTS

Juvenile hormone analogues: effect on eggs of Aedes caspius Pallas (Diptera: Culicidae). Adham FK, et al. **J Egypt Soc Parasitol** 1984 Dec;14(2):525-30

Morphogenetic and histopathological effects of the insect growth regulator cyromazine in larvae of Culex quinquefasciatus (Diptera: Culicidae). Awad TI, et al. **J Med Entomol** 1984 Jul 26;21(4):427-31

Morphogenetic and histopathological effects induced by the insect growth regulator cyromazine in Musca domestica (Diptera: Muscidae). Awad TI, et al. **J Med Entomol** 1984 Jul 26;21(4):419-26

METANEPHRINE see under **EPINEPHRINE**

METAPHASE

Degree of conservation of HeLa interphase nonhistone antigens in metaphase and with chromatin from non-human cells. Adolph KW. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):275-81

Leukocyte concentration and the yields of metaphase cells in cultured peripheral blood of leukemic patients with hyperleukocytosis. Sato Y, et al. **Cancer Genet Cytogenet** 1985 May;17(1):75-8

Comparison of metaphase and interphase nucleolar activity in Hela-CCL2 cells and PHA-stimulated human lymphocytes. Van der Elst J, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):209-23

Radial loops and helical coils coexist in metaphase chromosomes. Rattner JB, et al. **Cell** 1985 Aug;42(1):291-6

Effect of mitochondrial inhibitors on metaphase-telophase progression and nuclear membrane formation in Chinese hamster cells. Chai LS, et al. **Cell Tissue Kinet** 1985 Jan; 18(1):13-25

Alterations in metaphase durations in cells derived from human tumours. Sisken JE, et al. **Cell Tissue Kinet** 1985 Mar;18(2):137-46

Culture of mouse germ cells isolated from fetal gonads. Wabik-Sliz B, et al. **Exp Cell Res** 1984 Oct;154(2):530-6

Metaphase synchronization and chromosome preparation from the OK opossum cell line having a potentially isolatable X chromosome. Keith DH, et al. **In Vitro** 1984 Nov;20(11):833-6

Identification of ubiquitinated histones 2A and 2B in Physarum polycephalum. Disappearance of these proteins at metaphase and reappearance at anaphase. Mueller RD, et al. **J Biol Chem** 1985 Apr 25;260(8):5147-53

Phosphorylation of histone H1 through the cell cycle of Physarum polycephalum. 24 sites of phosphorylation at metaphase. Mueller RD, et al. **J Biol Chem** 1985 Apr 25; 260(8):5081-6

Effects of sulphydryl reagents on the structure of dehistonized metaphase chromosomes. Jeppesen P, et al. **J Cell Sci** 1985 Feb;73:245-60

The ultrastructural organization of prematurely condensed chromosomes. Gollin SM, et al. **J Cell Sci [Suppl]** 1984; 1:203-21

Interphase nuclear matrix and metaphase scaffolding structures. Lewis CD, et al. **J Cell Sci [Suppl]** 1984;1:103-22

[Flow cytometric analysis and sorting of human metaphase chromosomes. A new field of research] Tranebjaerg L, et al. **Ugeskr Laeger** 1985 Jan 21;147(4):239-42 (Eng. Abstr.) **(Dan)**

[Genetic transformation of mutant mouse cells by metaphase mink chromosomes] Sukoian MA, et al. **Dokl Akad Nauk SSSR** 1984 Jul-Aug;277(1):219-22 **(Rus)**

DRUG EFFECTS

Metaphase arrest, anaphase recovery and aneuploidy induction in cultured Chinese hamster cells following exposure to mitotic arrestants. Satya-Prakash KL, et al. **Anticancer Res** 1984 Nov-Dec;4(6):351-6

RNA content and chromatin structure of CHO cells arrested in metaphase by colcemid. Melamed J, et al. **Cytometry** 1985 Jul;6(4):381-5

Inhibition by dibutyryl cyclic AMP of the transition to metaphase of mouse oocyte nuclei and its reversal by cell fusion to metaphase oocytes. Clarke HJ, et al. **Dev Biol** 1985 Mar;108(1):32-7

Comparison of tritiated thymidine and metaphase arrest techniques of measuring cell production in rat intestine. Sharp JG, et al. **Dig Dis Sci** 1984 Dec;29(12):1153-8

Differential sensitivity of metaphase to diamide and ouabain in HeLa cells. Ziegler ML, et al. **Exp Cell Res** 1985 May; 158(1):263-6

Diethylstilbestrol induces metaphase arrest and inhibits microtubule assembly. Hartley-Asp B, et al. **Mutat Res** 1985 Aug;143(4):231-5

[Effect of carbendazyme (MBC) on spermatogonia of laboratory animals] Tyrkiel E. **Rocz Panstw Zakl Hig** 1984; 35(2):161-7 (Eng. Abstr.) **(Pol)**

[Structural changes in the mitotic apparatus of metaphase cells exposed to 2-mercaptoethanol in a porcine embryonic kidney cell culture. A light microscopy study] Bystrevskaia VB, et al. **Tsitologiia** 1984 Sep;26(9):996-1001 (Eng. Abstr.) **(Rus)**

[Ultrastructure of the mitotic apparatus of metaphase cells in a pig embryo kidney tissue culture after stopping the action of 2-mercaptoethanol] Bystrevskaia VB, et al. **Tsitologiia** 1984 Oct;26(10):1095-102 (Eng. Abstr.) **(Rus)**

[Electron microscopic analysis of the structure of metaphase chromosomes after liposome treatment] Kiseleva EV, et al. **Tsitologiia** 1984 Jul;26(7):846-9 (Eng. Abstr.) **(Rus)**

[Residual structures revealed after the action of staphylococcal nuclease on decondensed metaphase chromosomes] Nasedkina TV, et al. **Tsitologiia** 1984 Jun; 26(6):648-51 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Manipulating chromosome structure and metaphase status with ultraviolet light and repair synthesis inhibitors. Mullinger AM, et al. **J Cell Sci** 1985 Feb;73:159-86

METAPLASIA

see related
MYELOID METAPLASIA

ETIOLOGY

[Osteogenic metaplasia or residual embryonic endometrial ossification?] Verstraete JP, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(4):425-31 (Eng. Abstr.) **(Fre)**

METAPROTERENOL see **ORCIPRENALINE**

METARADRIN see **METARAMINOL**

METARAMINOL

DIAGNOSTIC USE

[125I] radioiodinated metaraminol: a new platelet-specific labeling agent. Ohmomo Y, et al. **Eur J Nucl Med** 1985; 10(5-6):269-75

THERAPEUTIC USE

Metaraminol for haemodialysis-associated priapism [letter] Branger B, et al. **Lancet** 1985 Mar 16;1(8429):641

Metaraminol for priapism [letter] Stanners A, et al. **Lancet** 1984 Oct 27;2(8409):978

METASTASIS see **NEOPLASM METASTASIS**

METASTRONGYLOIDEA

Parasites in lungs of dead equids in Kentucky: emphasis on Dictyocaulus arnfieldi. Lyons ET, et al. **Am J Vet Res** 1985 Apr;46(4):924–7

The presence of Angiostrongylus cantonensis in Viti Levu, Fiji. Uchikawa R, et al. **J Helminthol** 1984 Sep;58(3):231–4

[Report of a new host, Dama dama, of Dictyocaulus (Micrurocaulus) eckerti Skrjabin, 1931] Romano R, et al. **Parassitologia** 1982 Dec;24(2–3):205–9 (Eng. Abstr.) **(Ita)**

ANALYSIS

Isolation of the leukocyte chemotactic factors in the extract of adult Metastrongylus apri. Sasaki O, et al. **Nippon Juigaku Zasshi** 1984 Jun;46(3):357–61

ANATOMY & HISTOLOGY

Diagnostic morphology of the third-stage larvae of three species of Parelaphostrongylus (Nematoda, Metastrongyloidea). Ballantyne RJ, et al. **J Parasitol** 1984 Aug;70(4):602–4

GENETICS

Hybridization studies of Angiostrongylus siamensis Ohbayashi, Kamiya and Bhaibulaya, 1979 and A. costaricensis Morera and Cespedes, 1971. Oku Y, et al. **J Parasitol** 1984 Oct;70(5):845–6

GROWTH & DEVELOPMENT

[Experimental infection of Angiostrongylus cantonensis larvae to Ampullarium canaliculatus] Yen CM, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Jan;84(1):35–40 (Eng. Abstr.) **(Chi)**

IMMUNOLOGY

Induction of protective immunity against infection by Angiostrongylus cantonensis in rats. Dharmkrong-at A, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):31–40

ELISA testing in cases of clinical angiostrongyliasis in Thailand. Jaroonvesama N, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):110–2

ISOLATION & PURIFICATION

Dispersal of Dictyocaulus viviparus larvae from bovine faeces in Ireland. Somers CJ, et al. **Vet Rec** 1985 Jun 22; 116(25):657–60

[Infestation by Angiostrongylus cantonensis in the Havana Provinces] Pérez Martín O, et al. **Rev Cubana Med Trop** 1984 Jan–Apr;36(1):54–8 (Eng. Abstr.) **(Spa)**

PATHOGENICITY

Studies of Angiostrongylus cantonensis in two experimental hosts. Uchida K, et al. **J Helminthol** 1984 Sep;58(3):255–8

PHYSIOLOGY

Pathophysiologic alterations in Biomphalaria glabrata infected with Angiostrongylus costaricensis. Stewart GL, et al. **J Invertebr Pathol** 1985 Mar;45(2):152–7

Emergence of larval Protostrongylus boughtoni (Nematoda: Metastrongyloidea) from a snail intermediate host, and subsequent infection in the domestic rabbit (Oryctolagus cuniculus). Kralka RA, et al. **J Parasitol** 1984 Jun; 70(3):457–8

Parelaphostrongylus andersoni (Nematoda: Protostrongylidae) and P. odocoilei in two cervid definitive hosts. Pybus MJ, et al. **J Parasitol** 1984 Aug;70(4):507–15

Parasite density and the fecundity of Angiostrongylus cantonensis in rats. Kino H. **Parasitology** 1984 Oct;89 (Pt 2):275–85

Viability and pattern of emergence of Dictyocaulus viviparus larvae in sporangia of the fungus Pilobolus kleinii. Somers CJ. **Res Vet Sci** 1985 Jul;39(1):124–6

Migration and growth of Neostrongylus linearis (Marotel, 1913) Gebauer, 1932 in sheep. Castañón Ordóñez L, et al. **Vet Parasitol** 1984 Sep;15(3–4):271–84

[The infection of Angiostrongylus cantonensis in definitive and intermediate hosts in Guangzhou 1979–1982] Liang HK. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug; 5(4):245–8 (Eng. Abstr.) **(Chi)**

ULTRASTRUCTURE

The spermatogenesis of Dictyocaulus filaria (Nematoda, Trichostrongyloidea). Cutillas C, et al. **J Parasitol** 1985 Aug;71(4):500–3

METASYMPATOL see **PHENYLEPHRINE**

METATARSOPHALANGEAL JOINT see under **TOE JOINT**

METATARSUS

Joint occurrence of aseptic necrosis of the head of the third metacarpal and Freiberg's disease. Gurin J. **Acta Chir Hung** 1985;26(1):27–30

Roentgenographic and mathematical analysis of first metatarsal osteotomies for metatarsus primus varus: a comparative study. Jahss MH, et al. **Foot Ankle** 1985 May–Jun;5(6):280–321

A method of predicting the degree of functional correction of the metatarsus primus varus with a distal lateral displacement osteotomy in hallux valgus. Sarrafian SK. **Foot Ankle** 1985 May–Jun;5(6):322–6

Subchondral hematoma as a cause of metatarsalgia. Caputo L, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):213–5

Freiberg's infarction in a football player. Fenton CF 3d, et al. **J Am Podiatr Med Assoc** 1985 Feb;75(2):104–8

The first cuneometatarsal joint exostosis. Clinical and etiological considerations. Marcinko DE, et al. **J Am Podiatr Med Assoc** 1985 Aug;75(8):401–5

The metatarsal sesamoid articulation and first metatarsophalangeal joint function. Sussman RE, et al. **J Am Podiatr Med Assoc** 1985 Jun;75(6):327–30

Outpatient treatment of osteomyelitis. Tomczak RL. **J Am Podiatr Med Assoc** 1985 May;75(5):261–3

Intramedullary foreign body. Operative considerations and a case report. Wolf EW, et al. **J Am Podiatry Assoc** 1984 Oct;74(10):499–503

Hemangiosarcoma in a cow. Guard C, et al. **J Am Vet Med Assoc** 1984 Oct 1;185(7):789–90

Osteochondritis dissecans of the sagittal ridge of the third metacarpal and metatarsal bones in horses. Yovich JV, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1186–91

[Static disorders or venous pathology of the foot?] Miolane A. **Phlebologie** 1985 Apr–Jun;38(2):249–53 (Eng. Abstr.) **(Fre)**

[Effect of regional intravenous anesthesia and antibiosis on the tissue pH of the extremities in cattle] Stanek C, et al. **DTW** 1985 Mar 8;92(3):89–90 (Eng. Abstr.) **(Ger)**

[Frieberg–Kohler disease. Long-term review of the surgical treatment in 20 cases] Giancola R, et al. **Chir Ital** 1985 Apr;37(2):234–8 (Eng. Abstr.) **(Ita)**

ABNORMALITIES

[A case of hexametatarsia with hypoplasia of the 5th toe] Carozzi S. **Chir Ital** 1983 Jun;35(3):427–31 (Eng. Abstr.) **(Ita)**

INJURIES

Bone healing stimulated by plasma factor XIII. Osteotomy experiments in sheep. Claes L, et al. **Acta Orthop Scand** 1985 Feb;56(1):57–62

Tarsometatarsal fracture-dislocation. van der Werf GJ, et al. **Acta Orthop Scand** 1984 Dec;55(6):647–51

Metatarsal fractures. An overview. Figura MA. **Clin Podiatry** 1985 Apr;2(2):247–57 (32 ref.)

Distal splint bone fractures in the horse: an experimental and clinical study. Verschooten F, et al. **Equine Vet J** 1984 Nov;16(6):532–6

Splinting device for hindlimb fractures in horses. Beroza GA, et al. **J Am Vet Med Assoc** 1985 Jun 1;186(11):1204–6

Suppurative osteomyelitis in the foot of a rabbit. Liebenberg SP, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1382

Medial condylar fractures of the third metatarsal bone in horses. Richardson DW. **J Am Vet Med Assoc** 1984 Oct 1;185(7):761–5

Management of major forefoot trauma. Bolognini N, et al. **J Foot Surg** 1985 Mar–Apr;24(2):88–98

Post-traumatic brachymetatarsia. Marcinko DE, et al. **J Foot Surg** 1984 Nov–Dec;23(6):451–3

Break dancer's fracture of the fifth metatarsal [letter] Dieden JD. **West J Med** 1985 Jan;142(1):101

[Fracture of the base of metatarsus V––conservative or operative treatment?] Tittel K, et al. **Unfallchirurgie** 1984 Aug;10(4):207–10 (Eng. Abstr.) **(Ger)**

PATHOLOGY

Desmoplastic fibroma of the first metatarsal. A case report. Beskin JL, et al. **Clin Orthop** 1985 May;(195):299–303

Osseous changes in the second ray of classical ballet dancers. Kravitz SR, et al. **J Am Podiatr Med Assoc** 1985 Jul; 75(7):346–8

Ewing's sarcoma in bones of the hands and feet: a clinicopathologic study and review of the literature. Shirley SK, et al. **J Clin Oncol** 1985 May;3(5):686–97

Multicentric angiosarcoma of the tarsal and metatarsal bones. A case report and literature review. Salmassi S, et al. **Mo Med** 1985 Jun;82(6):304–7

SURGERY

Intramedullary decompression with condylectomy for intractable plantar keratoma. Roven MD. **Clin Podiatry** 1985 Jul;2(3):491–6

Minimal incision closing base wedges. Transpositional axis rotation deformity correction. Strauss RJ. **Clin Podiatry** 1985 Jul;2(3):477–82

Bioelectrical osteogenesis: acceleration of fracture repair and bone growth. An alternative to bone grafting in nonunions. Walter TH. **Clin Podiatry** 1985 Jan;2(1):41–57

The cortical shelf of the first metatarsal in base wedge osteotomy. Doll PJ, et al. **J Am Podiatry Assoc** 1984 Dec; 74(12):623–4

Angular analysis of wedge-type osteotomies. Doll PJ, et al. **J Am Podiatry Assoc** 1984 Dec;74(12):587–95

A mathematical approach to closing base wedge osteotomy. Kempe SA, et al. **J Am Podiatry Assoc** 1984 Dec; 74(12):601–4

Reese osteotomy guide system [letter] Blair MP. **J Foot Surg** 1985 Mar–Apr;24(2):86–7

Ray resections in the insensitive or dysvascular foot: a critical review. Gianfortune P, et al. **J Foot Surg** 1985 Mar–Apr; 24(2):103–7

Avascular necrosis after first metatarsal head osteotomies. Meisenhelder DA, et al. **J Foot Surg** 1984 Nov–Dec; 23(6):429–35

[Treatment of hallux valgus by repositioning the abductor muscle of the great toe] Libotte M, et al. **Acta Orthop Belg** 1985 Jan–Feb;51(1):46–51 (Eng. Abstr.) **(Fre)**

[Modification of Wilson's osteotomy in the treatment of hallux valgus] Popović D, et al. **Vojnosanit Pregl** 1985 May–Jun;42(3):173–8 (Eng. Abstr.) **(Ser)**

TRANSPLANTATION

Reconstruction of central metacarpal ray defects of the hand with a free vascularized double metatarsal and metatarsophalangeal joint transfer [letter] Jahss MH. **J Hand Surg [Am]** 1985 Mar;10(2):314

Replacement of destroyed metacarpal heads by autografting metatarsal heads. Mikkelsen OA. **J Hand Surg [Br]** 1984 Oct;9(3):337–9

METEOROLOGICAL FACTORS

Volumetric aerobiological survey of conidial fungi in the North-East Netherlands. I. Seasonal patterns and the influence of metereological variables. Beaumont F, et al. **Allergy** 1985 Apr;40(3):173–80

Influence of meteorological conditions of various climatic zones on the arterial pressure of participants in a sea voyage. Part I. Selected atmospheric factors and the arterial pressure of persons staying in the subantarctic climate. Filikowski J. **Bull Inst Marit Trop Med Gdynia** 1983;34(1–2):31–40

Proceedings of the Tenth International Biometeorological Congress. Tokyo, July 26–30, 1984. Abstracts. **Int J Biometeorol** 1985 Apr;29 Suppl 1:1–263

Legionnaires' disease: seeking a wider source [letter] Hoyle F, et al. **Lancet** 1985 May 25;1(8439):1216–7

Weather or not [letter] Streeton JA. **Med J Aust** 1985 Aug 5;143(3):128

[A preliminary study of the meteorological relation to the incidence of pre-eclampsia and eclampsia in Shanghai] Qian SP. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul; 19(3):139–41, 189 (Eng. Abstr.) **(Chi)**

[A preliminary analysis of the relation of the incidence of acute myocardial infarction to the meteorological factors in Guangzhou city] **Chung Hua Nei Ko Tsa Chih** 1984 Sep; 23(9):548–50 (Eng. Abstr.) **(Chi)**

[Conception in gilts and sows during the year in relation to selected parameters of macroclimate] Knotek Z, et al. **Vet Med (Praha)** 1984 Oct;29(10):601–9 **(Cze)**

[Myocardial infarction and meteorology (letter)] Jullien JL. **Presse Med** 1985 Jun 29;14(26):1432 **(Fre)**

[Meteorological observations on extraordinary immission situations in the Erfurt region] Völksch G, et al. **Z Gesamte Hyg** 1985 Jun;31(6):350–1 (Eng. Abstr.) **(Ger)**

[Atmospheric variations and acute urine retention] Cucchi A, et al. **Minerva Urol Nefrol** 1984 Jul–Sep;36(3):217–8 (Eng. Abstr.) **(Ita)**

[A statistical study on relation between numbers of patients with infectious diseases and meteorological data (1): streptococcal infections] Morita M, et al. **Kansenshogaku Zasshi** 1984 Aug;58(8):750–7 (Eng. Abstr.) **(Jpn)**

[Effect of various meteorological factors on changes in the level of radon degradation products] Kvapulin'ski E, et al. **Gig Sanit** 1984 Aug;(8):75–7 **(Rus)**

[Effect of climatic factors on the prevalence of strongyloidiasis] Prokhorov AF. **Med Parazitol (Mosk)** 1985 Mar–Apr;(2):34–40 (Eng. Abstr.) **(Rus)**

[Effect of environmental factors on sudden death in the Far North] Naumenko VG, et al. **Sud Med Ekspert** 1985 Jan–Mar;28(1):9–12 (Eng. Abstr.) **(Rus)**

[Medico-climatic and heliophysical characteristics of Moscow] But'eva IV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep–Oct; (5):49–53 (Eng. Abstr.) **(Rus)**

[Meteoropathic reactions in chronic cholecystitis and hypertension patients at the Mirgorod health resort] Domnenko VA, et al. **Vrach Delo** 1984 Sep;(9):77–80 (Eng. Abstr.) **(Rus)**

[The effect of favorable climatic factors on levels of immunoglobulin E in children with asthma] Radivojević S, et al. **Srp Arh Celok Lek** 1984 Mar;112(3):295–302 (Eng. Abstr.) **(Scc)**

[Correlations between asthmatic crisis and meteorological conditions in Rosario, Argentina] Arnolt RG, et al. **Allergol Immunopathol (Madr)** 1984 Sep–Oct;12(5):387–95 (Eng. Abstr.) **(Spa)**

METESTRUS see under **ESTRUS**

METFORMIN

ADVERSE EFFECTS

[Lactic acidosis in diabetic patients treated with metformin. Value of hemodialysis with a sodium bicarbonate bath (letter)] Lalau JD, et al. **Presse Med** 1984 Nov 24; 13(42):2581 **(Fre)**

PHARMACODYNAMICS

Influence of metformin on metabolic effect of insulin in human adipose tissue in vitro. Cigolini M, et al. **Diabete Metab** 1984 Dec;10(5):311-5

Metformin improves peripheral vascular flow in nonhyperlipidemic patients with arterial disease. Sirtori CR, et al. **J Cardiovasc Pharmacol** 1984 Sep-Oct; 6(5):914-23

[Effect of metformin on the metabolic action of insulin in human adipose tissue 'in vitro' and 'in vivo'] Cigolini M, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):283-6 (Eng. Abstr.) **(Ita)**

[Biguanides and glucidic homeostasis: effects of metformin and phenformin on the intermediate metabolism and insulin receptors of normal subjects] Calafiore R, et al. **Recenti Prog Med** 1985 Mar;76(3):152-3 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Acarbose treatment of sulfonylurea-treated non-insulin dependent diabetics. A double-blind cross-over comparison of an alpha-glucosidase inhibitor with metformin. Johansen K. **Diabete Metab** 1984 Oct; 10(4):219-23

[Metformin, lipids and atherosclerosis] Joffroy-Lavieuville M, et al. **Journ Annu Diabetol Hotel Dieu** 1984;:361-6 (31 ref.) **(Fre)**

[Therapeutic management of the secondary failure of sulfonylurea therapy] Sauer H. **Dtsch Med Wochenschr** 1985 Jan 4;110(1):27-30 **(Ger)**

[Effect of metformin on changes in blood glycerol levels induced by glucagon in insulin-dependent diabetics] Ferlito S, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):265-8 (Eng. Abstr.) **(Ita)**

[Effect of metformin on glucose tolerance and insulin binding in semistarved obese women] Zancanaro C, et al. **Minerva Endocrinol** 1984 Apr-Jun;9(2):297-301 (Eng. Abstr.) **(Ita)**

METHACHOLINE COMPOUNDS

ADMINISTRATION & DOSAGE

Sodium cromoglycate-induced changes in the dose-response curve of inhaled methacholine in cystic fibrosis. Mitchell I. **Ann Allergy** 1985 Mar;54(3):233-5

The effect of methacholine inhalation challenge on regional residual volume in patients with subclinical asthma. Horsley JR, et al. **Chest** 1985 Jan;87(1):29-34

ADVERSE EFFECTS

Bronchial hyperresponsiveness to methacholine after exercise in asthmatics. Suzuki S, et al. **Ann Allergy** 1985 Feb; 54(2):136-41

Airway responses to sulfur dioxide and methacholine in asthmatics. Witek TJ Jr, et al. **J Occup Med** 1985 Apr; 27(4):265-8

DIAGNOSTIC USE

Non-specific rhinoreactivity: non-specific nasal provocation tests with methacholine and cold water solution. Filiaci F, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb; 13(1):29-34

Pulmonary mechanics in methacholine induced asthma. Romero-Colomer P, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):135-41

The effects of acute bronchoconstriction on respiratory activity in patients with chronic obstructive pulmonary disease. Oliven A, et al. **Am Rev Respir Dis** 1985 Feb; 131(2):236-41

Limited bronchoconstriction to methacholine using partial flow-volume curves in nonasthmatic subjects. Sterk PJ, et al. **Am Rev Respir Dis** 1985 Aug;132(2):272-7

Airway reactivity in chronic obstructive pulmonary disease. Failure of in vivo methacholine responsiveness to correlate with cholinergic, adrenergic, or nonadrenergic responses in vitro. Taylor SM, et al. **Am Rev Respir Dis** 1985 Jul; 132(1):30-5

Antigen sensitization and methacholine responses in dogs with hyperreactive airways. Hirshman CA, et al. **J Appl Physiol** 1985 Feb;58(2):485-91

Bronchial responsiveness to methacholine in chronic bronchitis: relationship to airflow obstruction and cold air responsiveness. Ramsdale EH, et al. **Thorax** 1984 Dec; 39(12):912-8

Pulmonary responsiveness to methacholine and disodium hexachloroplatinate (Na2PtCl6) aerosols in cynomolgus monkeys (Macaca fascicularis). Biagini RE, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):139-46

PHARMACODYNAMICS

Development of supersensitivity to methacholine in the rat detrusor following either parasympathetic denervation or decentralization. Ekström J, et al. **Acta Physiol Scand** 1984 Oct;122(2):175-9

Effect of corticosteroids on bronchial responsiveness to methacholine in asthmatic children. Bhagat RG, et al. **Am Rev Respir Dis** 1985 Jun;131(6):902-6

Slope of the dose-response curve to inhaled histamine and methacholine and PC20 in subjects with symptoms of airway hyperexcitability and in normal subjects. Malo JL, et al. **Am Rev Respir Dis** 1985 Sep;132(3):644-7

Nifedipine does not alter methacholine-induced bronchial reactivity. Matthews JI, et al. **Ann Allergy** 1984 Dec; 53(6):462-7

Scanning electron microscopy of nasal arterioles effected by vasoactive agents. Nagai M, et al. **Arch Otorhinolaryngol** 1984;241(1):45-9

Cyclic GMP-dependent protein kinase activation in canine tracheal smooth muscle by methacholine and sodium nitroprusside. Fiscus RR, et al. **Biochim Biophys Acta** 1984 Dec 11;805(4):382-92

Acute effect of ketotifen on the dose-response curve of histamine and methacholine in asthma. Lisboa C, et al. **Br J Dis Chest** 1985 Jul;79(3):235-43

The determination of presynaptic KA values of methacholine and pilocarpine and of a presynaptic receptor reserve in the rat perfused heart. Fuchs P, et al. **Br J Pharmacol** 1985 Jan;84(1):35-46

Affinity and efficacy of racemic, (+)-, and (-)-methacholine in muscarinic inhibition of [3H]-noradrenaline release. Fuder H, et al. **Br J Pharmacol** 1985 Feb;84(2):477-87

Pulmonary function tests and airway responsiveness to methacholine in chronic bronchiectasis of the adult. Bahous J, et al. **Bull Eur Physiopathol Respir** 1984 Jul-Aug; 20(4):375-80

Differential relaxant effects of isoproterenol on methacholine- versus leukotriene D4-induced contraction in the guinea-pig trachea. Torphy TJ. **Eur J Pharmacol** 1984 Jul 20;102(3-4):549-53

Response of nasal blood flow to neurohormones as measured by laser-Doppler velocimetry. Druce HM, et al. **J Appl Physiol** 1984 Oct;57(4):1276-83

Cocaine potentiates the responses to methacholine and noradrenaline in the rat vas deferens. Bradley L, et al. **J Pharm Pharmacol** 1985 May;37(5):369-72

Cardiac cholinergic muscarinic receptors: changes in multiple affinity forms with down-regulation. Roskoski R Jr, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):754-9

Inhibitory effect of methacholine on drug-induced relaxation, cyclic AMP accumulation, and cyclic AMP-dependent protein kinase activation in canine tracheal smooth muscle. Torphy TJ, et al. **J Pharmacol Exp Ther** 1985 May; 233(2):409-17

Methacholine- and adrenaline-induced arrhythmias in repeatedly cold-stressed mice. Kita T, et al. **Jpn J Pharmacol** 1984 Jul;35(3):327-9

Mechanisms of methacholine-induced coronary vasospasm in an experimental model of variant angina in the anesthetized rat. Vergona RA, et al. **Life Sci** 1984 Oct 29; 35(18):1877-84

The relationship between bronchial hyperresponsiveness to methacholine and airway smooth muscle structure and reactivity. Armour CL, et al. **Respir Physiol** 1984 Nov; 58(2):223-33

Increased responsiveness to methacholine and histamine after challenge with ultrasonically nebulised water in asthmatic subjects. Black JL, et al. **Thorax** 1985 Jun;40(6):427-32

Differences in responsiveness to hyperventilation and methacholine in asthma and chronic bronchitis. Ramsdale EH, et al. **Thorax** 1985 Jun;40(6):422-6

Comparison of in vivo airway responsiveness and in vitro smooth muscle sensitivity to methacholine in man. Roberts JA, et al. **Thorax** 1984 Nov;39(11):837-43

[Observation on airway responsiveness following methacholine inhalation] Sun B. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Apr;7(2):89-91 (Eng. Abstr.) **(Chi)**

METHACRYLATES see under **ACRYLATES**

METHACRYLIC ACID POLYMERS see **POLYMETHACRYLIC ACIDS**

METHACYCLINE

METABOLISM

[Tetracycline sorption by alveolar macrophages of rabbits at early stages of interaction] Kivman GIa, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):197-200 (Eng. Abstr.) **(Rus)**

METHADONE

Clonidine hydrochloride detoxification from methadone treatment--the value of naltrexone aftercare. Rawson RA, et al. **Adv Alcohol Subst Abuse** 1984 Spring;3(3):41-9

A comparative study of hypnotherapy and psychotherapy in the treatment of methadone addicts. Manganiello AJ. **Am J Clin Hypn** 1984 Apr;26(4):273-9

Use of guanabenz in methadone withdrawal [letter] Levadi DI. **Am J Psychiatry** 1985 Sep;142(9):1128-9

Clonidine in outpatient detoxification from methadone maintenance. Kleber HD, et al. **Arch Gen Psychiatry** 1985 Apr;42(4):391-4

Relationship of depression to clonidine detoxification of opiate addicts. Kosten TR, et al. **Compr Psychiatry** 1984 Sep-Oct;25(5):503-8

The Moro reaction: a scoring system for neonatal narcotic withdrawal. Chasnoff IJ, et al. **Dev Med Child Neurol** 1984 Aug;26(4):484-9

Effects of acute and chronic morphine treatment on methadone analgesia and metabolism. Liu SJ, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):55-63

Naltrexone precipitated opiate withdrawal in methadone addicted human subjects: evidence for noradrenergic hyperactivity. Charney DS, et al. **Life Sci** 1984 Sep 17; 35(12):1263-72

Enhanced development of dispositional tolerance to methadone by desipramine given together with methadone. Liu SJ, et al. **Life Sci** 1985 Feb 25,36(8):745-51

ADMINISTRATION & DOSAGE

Methadone detoxification: self versus physician regulation. Senay EC, et al. **Am J Drug Alcohol Abuse** 1984; 10(3):361-74

Electrostimulation and opiate withdrawal [letter] Patterson MA. **Br J Psychiatry** 1985 Feb;146:213

Effect of chronic methadone administration on neuroendocrine function in developing rats. Kuhn CM, et al. **Dev Pharmacol Ther** 1984;7(6):384-97

Contingent methadone take-home privileges: effects on compliance with fee payment schedules. Stitzer ML, et al. **Drug Alcohol Depend** 1984 Jul;13(4):395-9

Chronic opiate use during methadone detoxification: effects of a dose increase treatment. Stitzer ML; et al. **Drug Alcohol Depend** 1984 Sep;14(1):37-44

Effect of chronic methadone administration on neuroendocrine function in young adult rats. Kuhn CM, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):204-10

ADVERSE EFFECTS

Dyads at risk: methadone-maintained women and their four-month-old infants. Jeremy RJ, et al. **Child Dev** 1984 Aug;55(4):1141-54

Prevalence of movement disorder in a methadone-maintained population. Gaspari J, et al. **J Nerv Ment Dis** 1985 Jun; 173(6):373-6

Long-term effects of prenatal methadone maintenance. Rosen TS, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;59:73-83

Developmental outcome of children born to methadone maintained women: a review of longitudinal studies. Kaltenbach K, et al. **Neurobehav Toxicol Teratol** 1984 Jul-Aug;6(4):271-5 (27 ref.)

Clonidine treatment of neonatal narcotic abstinence syndrome. Hoder EL, et al. **Psychiatry Res** 1984 Nov; 13(3):243-51

[Thrombocytopenia and methadone (letter)] Sánchez Hernández A, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):253 **(Spa)**

ANALOGS & DERIVATIVES

Lower limb amputation and small bowel infarction following parentaral diconal abuse. Taggart DP, et al. **Br J Addict** 1985 Mar;80(1):101

Continuous naloxone infusion for opiate poisoning in infancy. Tenenbein M. **J Pediatr** 1984 Oct;105(4):645-8

Effect of phenobarbital pretreatment on the plasma and urinary levels of (-)-alpha-acetylmethadol and its metabolites. Kuttab SH, et al. **J Pharm Sci** 1985 Mar; 74(3):331-4

Neurotoxicity of opiates during brain development: in vivo and in vitro studies. Vernadakis A, et al. **Prog Clin Biol Res** 1985;163C:245-53

Variability in simian motor and social behavior with alternating-day acetylmethadol. Crowley TJ, et al. **Psychopharmacology (Berlin)** 1985;85(3):353-60

Acetylmethadol versus methadone: human mood and motility. Crowley TJ, et al. **Psychopharmacology (Berlin)** 1985;86(4):458-63

Methadone metabolism in the rat in vivo: identification of a novel formamide metabolite. Abbott FS, et al. **Xenobiotica** 1985 Feb;15(2):129-40

ANALYSIS

Detection of methadone and propoxyphene in stored tissue. Fransioli MG, et al. **J Anal Toxicol** 1980 Jan-Feb;4(1):46-8

BLOOD

Case report of barbiturate-induced enhancement of methadone metabolism and withdrawal syndrome. Liu SJ, et al. **Am J Psychiatry** 1984 Oct;141(10):1287-8

Relationship of plasma level and pharmacological activity of methadone. Liu SJ, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:128-35

Methadone plasma levels and persistent drug abuse in high dose maintenance patients. Tennant FS Jr, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:262-8

CEREBROSPINAL FLUID

CSF distribution of morphine, methadone and sucrose after intrathecal injection. Payne R, et al. **Life Sci** 1985 Sep 23; 37(12):1137–44

ISOLATION & PURIFICATION

Effect of pH on charcoal adsorption of lidocaine, methadone, pilocarpine, and procaine. Judis J. **J Pharm Sci** 1985 Apr; 74(4):476–7

METABOLISM

Effect of plasma protein binding on the uptake of methadone and diazepam in the isolated perfused rat lung. Roerig DL, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):536–42

Inhibition of methadone and phenobarbital percutaneous absorption by parenterally administered ethanol. Bailey DN, et al. **J Anal Toxicol** 1984 Nov-Dec;8(6):269–72

Altered methadone pharmacokinetics in methadone-maintained pregnant women. Pond SM, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):1–6

Effect of parenterally administered atropine on the percutaneous absorption of phencyclidine and methadone. Bailey DN, et al. **Life Sci** 1985 Aug 5;37(5):417–23

Preliminary study on the absorption profile after rectal and oral administration of methadone in human volunteers. Moolenaar F, et al. **Pharm Weekbl [Sci]** 1984 Dec 14; 6(6):237–40

Cimetidine inhibits the in vitro N-demethylation of methadone. Dawson GW, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov;46(2):301–4

Methadone metabolism in the rat in vivo: identification of a novel formamide metabolite. Abbott FS, et al. **Xenobiotica** 1985 Feb;15(2):129–40

PHARMACODYNAMICS

Methadone affects the histochemical pattern of xenobiotic-metabolizing enzymes in the liver of pregnant rats. Chieco P, et al. **Arch Toxicol [Suppl]** 1984;7:261–5

Inhibition of the cardiac response to sympathetic nerve stimulation by opioid peptides and its potentiation by morphine and methadone. Ledda F, et al. **Eur J Pharmacol** 1984 Jul 20;102(3–4):443–50

The effect of methadone and naloxone on cultured rat liver cells. Beverley CL, et al. **Exp Cell Biol** 1984;52(3):170–5

Buprenorphine, heroin, and methadone: comparison of relative reinforcing properties. Mello NK, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:172–8

Perinatal exposure to methadone alters sensitivity to drugs in adult rats. Zagon IS, et al. **Neurobehav Toxicol Teratol** 1984 Jul-Aug;6(4):319–23

Studies on action mechanisms of morphine and 1-methadone in mice. Neil A. **Neuropeptides** 1984 Dec;5(1-3):189–92

Opiate self-administration in adult offspring of methadone-treated female rats. Hovious JR, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):949–53

Interval and ratio reinforcement contingencies as determinants of methadone's effects. Thompson T, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):743–7

Chronic maternal methadone exposure and response to analgesics. Peters MA, et al. **Proc West Pharmacol Soc** 1984;27:527–31

Acetylmethadol versus methadone: human mood and motility. Crowley TJ, et al. **Psychopharmacology (Berlin)** 1985;86(4):458–63

The effects of methadone on operant behavior maintained with and without conditioned reinforcement in the pigeon. Kelly TH, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):212–6

POISONING

Methadone poisoning due to accidental contamination of prescribed medication. Roland EH, et al. **Can Med Assoc J** 1984 Dec 1;131(11):1357–8

THERAPEUTIC USE

Clinical issues concerning alcoholic youthful narcotic abusers. Khuri ET, et al. **Adv Alcohol Subst Abuse** 1984 Summer;3(4):69–86

Treatment collaboration of methadone maintenance programs and therapeutic communities. Sorensen JL, et al. **Am J Drug Alcohol Abuse** 1984;10(3):347–59 (53 ref.)

Fetal breathing movements and the response to carbon dioxide in patients on methadone maintenance. Richardson BS, et al. **Am J Obstet Gynecol** 1984 Oct 15;150(4):400–5

Effect of methadone plus neuroleptics on treatment-resistant chronic paranoid schizophrenia. Brizer DA, et al. **Am J Psychiatry** 1985 Sep;142(9):1106–7

Methadone for depression [letter] Goldstein JA. **Biol Psychiatry** 1984 Aug;19(8):1272–3

The graded and quantal nature of opioid analgesia in the rat tailflick assay. Yoburn BC, et al. **Brain Res** 1985 Apr 8;331(2):327–36

Efficacy of clonidine and of methadone in the rapid detoxification of patients dependent on heroin. Cami J, et al. **Clin Pharmacol Ther** 1985 Sep;38(3):336–41

Pupillary response to methadone challenge in heroin users. Higgins ST, et al. **Clin Pharmacol Ther** 1985 Apr; 37(4):460–3

Diazepam and methadone interactions in methadone maintenance. Preston KL, et al. **Clin Pharmacol Ther** 1984 Oct;36(4):534–41

Ethical considerations in research on methadone in the treatment of schizophrenia. Hartman N, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1087–8, 1164

Issues of transference in methadone maintenance treatment. Curet ER, et al. **Int J Addict** 1985 Mar;20(3):435–48

Contracting for treatment termination to reduce illicit drug use among methadone maintenance treatment failures. Dolan MP, et al. **J Consult Clin Psychol** 1985 Aug; 53(4):549–51

Time series design to evaluate effectiveness of methadone maintenance intervention. Harlow LL, et al. **J Drug Educ** 1984;14(1):53–72

Success and failure at outpatient opioid detoxification. Evaluating the process of clonidine- and methadone-assisted withdrawal. Rounsaville BJ, et al. **J Nerv Ment Dis** 1985 Feb;173(2):103–10

An instant shot of 'aah': cocaine use among methadone clients. Hunt DE, et al. **J Psychoactive Drugs** 1984 Jul-Sep; 16(3):217–27

From maintenance to abstinence in a therapeutic community: clinical treatment methods. Sorensen JL, et al. **J Psychoactive Drugs** 1984 Jul-Sep;16(3):229–39

Is there a need for 'professional psychotherapy' in methadone programs? Kleber HD. **J Subst Abuse Treat** 1984;1(1):73–6

Outcome of narcotic addict treatment in California. Anglin MD, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984; 51:106–28

Medical maintenance feasibility study. Des Jarlais DC, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1985;58:101–10

Methadone detoxification: effects of methadone dose versus time in treatment. McCaul ME, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:269–74

Self-administration of clonidine and oxazepam by methadone detoxification patients. Preston KL, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:192–8

Comparison of a behavioral and a pharmacological treatment for reduction of illicit opiate use. Stitzer ML, et al. **Natl Inst Drug Abuse Res Monogr Ser** 1984 Mar;49:255–61

ACTH, cortisol and beta-endorphin response to metyrapone testing during chronic methadone maintenance treatment in humans. Kreek MJ, et al. **Neuropeptides** 1984 Dec; 5(1-3):277–8

Methadone and naltrexone in the treatment of heroin dependence. Greenstein RA, et al. **Psychiatr Clin North Am** 1984 Dec;7(4):671–9

Evaluation of a methadone rehabilitation program. Graham-Bafus S, et al. **Psychol Rep** 1984 Aug;55(1):99–106

[Diagnosis and treatment of heroin addiction in the general hospital] Ravelli DP. **Ned Tijdschr Geneeskd** 1985 May 25;129(21):977–9 **(Dut)**

TOXICITY

Perinatal exposure to methadone and the development of hepatic microsomal testosterone hydroxylation and methadone N-demethylation in the rat. Halperin-Walega ES, et al. **Biochem Pharmacol** 1985 May 1;34(9):1582–5

The interference of naloxone hydrochloride in the teratogenic activity of opiates. Jurand A. **Teratology** 1985 Apr;31(2):235–40

[Effect of methadone administration on MHV-3 virus-induced experimental hepatitis in the mouse] Chirianni A, et al. **Boll Soc Ital Biol Sper** 1985 Feb 28; 61(2):213–9 (Eng. Abstr.) **(Ita)**

URINE

Positive diphenhydramine interference in the EMIT-d.a.u. assay [letter] Ajel LA. **Clin Chem** 1985 Feb;31(2):340–1

METHADYL ACETATE see under **METHADONE**

METHAGENS see **METHANOGENS**

METHALAMIC ACID see **IOTHALAMIC ACID**

METHALLIBURE see under **THIOUREA**

METHAMINODIAZEPOXIDE see **CHLORDIAZEPOXIDE**

METHAMPHETAMINE

Articles found in the possession of a methamphetamine abuser. Kojima T, et al. **Forensic Sci Int** 1984 Nov; 26(3):207–14

Drug abuse with Vicks nasal inhaler [letter] Halle AB, et al. **South Med J** 1985 Jun;78(6):761–2

[Epidemiological studies on hepatitis A and B virus infections and hepatic dysfunction in young female methamphetamine-abusers] Ito H. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Dec;19(4):324–40 (Eng. Abstr.) **(Jpn)**

[Sudden death in methamphetamine abusers: a histological study of the heart] Matoba R, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):199–205 (Eng. Abstr.) **(Jpn)**

[Multiphasic clinical types of methamphetamine psychosis and its dependence] Konuma K. **Seishin Shinkeigaku Zasshi** 1984;86(5):315–39 **(Jpn)**

[A case of acute recurrent methamphetamine psychosis characterized by fancy delusions of grandeur] Takezaki H, et al. **Seishin Shinkeigaku Zasshi** 1984;86(8):621–30 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

[Studies on the reverse tolerance phenomenon after repeated methamphetamine treatment in rats] Taga C, et al. **Yakubutsu Seishin Kodo** 1984 Nov;4(3):221–9 (Eng. Abstr.) **(Jpn)**

[The effects of chronic methamphetamine and single haloperidol injections on thiamine and its phosphate ester levels in the rat brain] Yonekawa M, et al. **Yakubutsu Seishin Kodo** 1984 Sep;4(2):157–62 (Eng. Abstr.) **(Jpn)**

ANALOGS & DERIVATIVES

Metabolism of methoxyphenamine in extensive and poor metabolizers of debrisoquin. Roy SD, et al. **Clin Pharmacol Ther** 1985 Aug;38(2):128–33

Gas chromatographic quantitation of methoxyphenamine and three of its metabolites in plasma. Roy SD, et al. **J Chromatogr** 1984 Oct 12;310(2):307–17

Methoxyphenamine and dextromethorphan as safe probes for debrisoquine hydroxylation polymorphism [letter] Roy SD, et al. **Lancet** 1984 Dec 15;2(8416):1393

Metabolism of methamphetamine, amphetamine and p-hydroxymethamphetamine by rat-liver microsomal preparations in vitro. Yamamoto T, et al. **Xenobiotica** 1984 Nov;14(11):867–75

[The in vivo formation of mutagenic N-nitroso compounds from methamphetamine and ephedrine] Shimizu H, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):573–80 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Determination of methamphetamine and its metabolites in rat tissues by gas chromatography with a nitrogen-phosphorus detector. Terada M. **J Chromatogr** 1985 Jan 18;318(2):307–18

[Determination of methamphetamine and amphetamine in biological fluids and hair by gas chromatography] Takahashi K. **Nippon Hoigaku Zasshi** 1984 Jun; 38(3):319–36 (Eng. Abstr.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Antagonism of apomorphine-induced cage climbing behaviour and methamphetamine stereotypy by fenfluramine in mice. Gada VP, et al. **Indian J Physiol Pharmacol** 1984 Oct-Dec;28(4):326–30

[Continuous suppression of methamphetamine-induced supersensitivity by chronic haloperidol administration] Kashihara K, et al. **Seishin Shinkeigaku Zasshi** 1984; 86(11):928–32 **(Jpn)**

METABOLISM

Distribution and excretion of methamphetamine and its metabolites in rats. III. Time-course of concentrations in blood and bile, and distribution after intravenous administration. Sakai T, et al. **Xenobiotica** 1985 Jan; 15(1):31–40

Studies on N-demethylation of methamphetamine by liver microsomes of guinea-pigs and rats: the role of flavin-containing mono-oxygenase and cytochrome P-450 systems. Yamada H, et al. **Xenobiotica** 1984 Nov; 14(11):861–6

Metabolism of methamphetamine, amphetamine and p-hydroxymethamphetamine by rat-liver microsomal preparations in vitro. Yamamoto T, et al. **Xenobiotica** 1984 Nov;14(11):867–75

[Microanalysis of amphetamines III. Detection of amphetamines in the hair of monkeys treated with methamphetamine] Takahashi K, et al. **Eisei Shikenjo Hokoku** 1984;(102):21–4 (Eng. Abstr.) **(Jpn)**

[The in vivo formation of mutagenic N-nitroso compounds from methamphetamine and ephedrine] Shimizu H, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):573–80 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Changes in sensitivity to ambulation-increasing effect of methamphetamine after exposure to toluene vapor in mice. Kuribara H, et al. **Arukoru Kenkyuto Yakubutsu Ison** 1984 Sep;19(3):193–204

Reduction of 3H-kainic acid binding in rat cerebral cortex by chronic methamphetamine administration. Kashiwabara K, et al. **Biol Psychiatry** 1984 Aug;19(8):1173–82

Hypothalamic alpha 2- and beta-adrenoceptor rhythms are correlated with circadian feeding: evidence from chronic methamphetamine treatment and withdrawal. Kräuchi K, et al. **Brain Res** 1984 Oct 29;321(1):83–90

Long-term effects of repeated methylamphetamine administration on monoamine neurons in the rhesus monkey brain. Preston KL, et al. **Brain Res** 1985 Jul 15;338(2):243–8

Role of the dopamine uptake carrier in the neurochemical response to methamphetamine: effects of amfonelic acid. Schmidt CJ, et al. **Eur J Pharmacol** 1985 Feb 12; 109(1):73–80

Methamphetamine-induced depression of monoamine synthesis in the rat: development of tolerance. Schmidt CJ, et al. **J Neurochem** 1985 Mar;44(3):852–5

Effect of ergometrine on methamphetamine and apomorphine stereotypy in the guinea-pig. Balsara JJ, et al. **J Pharm Pharmacol** 1985 Jul;37(7):514-7

Effects of methamphetamine and methyldopa on ethanol induced hypothermia in mice. Ageel AM, et al. **Jpn J Pharmacol** 1985 Feb;37(2):137-42

Effects of methamphetamine on dopamine cells in the substantia nigra pars compacta and the ventral tegmental area. Kamata K, et al. **Jpn J Pharmacol** 1985 Jun; 38(2):231-4

Enhancement of behavioral effect and acute toxicity of methamphetamine by quinine in rats. Suzuki T, et al. **Jpn J Pharmacol** 1984 Jul;35(3):273-7

Role of the serotonin uptake carrier in the neurochemical response to methamphetamine: effects of citalopram and chlorimipramine. Schmidt CJ, et al. **Neurochem Res** 1985 May;10(5):637-48

Sensitivity changes to dopaminergic agents in fine motor control of rhesus monkeys after repeated methamphetamine administration. Ando K, et al. **Pharmacol Biochem Behav** 1985 May;22(5):737-43

Cathinone, cocaine and methamphetamine: similarity of behavioral effects. Schechter MD, et al. **Pharmacol Biochem Behav** 1985 Jun;22(6):913-6

Effects of repeated methamphetamine administration on methamphetamine self-administration in rhesus monkeys. Woolverton WL, et al. **Pharmacol Biochem Behav** 1984 Nov;21(5):737-41

[Effects of prolonged methamphetamine treatment and its withdrawal on behavior and brain monoamine metabolism in mice] Odo S, et al. **Seishin Shinkeigaku Zasshi** 1985; 87(3):155-75 (Eng. Abstr.) **(Jpn)**

POISONING

[Physiologic studies on acute methamphetamine poisoning] Uchima E. **Nippon Hoigaku Zasshi** 1984 Dec;38(6):814-26 (Eng. Abstr.) **(Jpn)**

TOXICITY

Structural evidence for the neurotoxicity of methylamphetamine in the frontal cortex of gerbils (Meriones unguiculatus): a light and electron microscopical study. Wahnschaffe U, et al. **Brain Res** 1985 Jul 1; 337(2):299-310

Role of dopamine in the neurotoxic effects of methamphetamine. Schmidt CJ, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):539-44

Pretreatment with ascorbic acid attenuates the neurotoxic effects of methamphetamine in rats. Wagner GC, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):221-8

URINE

A screening method for urinary methamphetamine--latex agglutination inhibition reaction test. Aoki K, et al. **Forensic Sci Int** 1985 Jan;27(1):49-56

A high selective screening test for methamphetamine in human urine. Nakahara Y, et al. **Forensic Sci Int** 1984 Dec; 26(4):277-82

METHANDIENONE see **METHANDROSTENOLONE**

METHANDRIOL see under **ANDROSTENEDIOLS**

METHANDROSTENOLONE

ANALOGS & DERIVATIVES

Animal experiments on the enhancement of fibrinolytic potential by anabolic steroids. Klöcking HP, et al. **Biomed Biochim Acta** 1984;43(4):501-7

METABOLISM

Methandrostenolone: metabolism in the rabbit. Templeton JF, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep; 9(3):229-33

PHARMACODYNAMICS

Influence of exercise and Dianabol on the degradation rate of myofibrillar proteins of the heart and three fiber types of skeletal muscle of female guinea pigs. Morano I. **Int J Sports Med** 1984 Dec;5(6):317-9

[Effects of continuous body stress and methandienone on the degradation of myofibrillar proteins in the guinea pig heart and soleus muscle] Morano I, et al. **Arzneimittelforsch** 1985; 35(2):501-3 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Anabolic steroids in aplastic anaemia. Kochupillai V, et al. **Indian J Med Res** 1984 Aug;80:174-9

[Effects of weakly androgenic anabolic steroids on growth in Turner's syndrome] Muritano MR, et al. **Arch Fr Pediatr** 1985 Apr;42(4):265-71 (Eng. Abstr.) **(Fre)**

[Use of anabolic drugs and amino acid complex in patients with chronic enteritis] Vakhrushev IaM, et al. **Klin Med (Mosk)** 1985 Feb;63(2):103-6 (Eng. Abstr.) **(Rus)**

METHANE

Selective nitration of tyrosines-26 and -64 in bacteriorhodopsin with tetranitromethane. Scherrer P, et al. **Biochemistry** 1984 Dec 4;23(25):6195-202

Chemical modification of adrenocortical cytochrome P-450scc with tetranitromethane. Usanov SA, et al. **Biochim Biophys Acta** 1984 Nov 9;790(3):259-67

Modification of human high density lipoprotein (HDL3) with tetranitromethane and the effect on its binding to isolated rat liver plasma membranes. Chacko GK. **J Lipid Res** 1985 Jun;26(6):745-54

Preparation of tritium standard gas by the use of tritiated methane. Kushita K, et al. **Radioisotopes** 1985 Jan;34(1):1-6

[Localization of tetranitromethane-modified tyrosine residues in domains of cholesterol-hydroxylating cytochrome P-450] Chashchin VL, et al. **Bioorg Khim** 1984 Sep; 10(9):1141-6 (Eng. Abstr.) **(Rus)**

[Selective chemical modification of cholesterol hydroxylating cytochrome P-450 from adrenal cortex mitochondria by tetranitromethane] Usanov SA, et al. **Bioorg Khim** 1984 Jan;10(1):32-45 (Eng. Abstr.) **(Rus)**

ANALOGS & DERIVATIVES

Hydrophobic residues involved in the interaction between protomers of the bovine growth hormone dimer. Methionine and tyrosine residues. Oppezzo OJ, et al. **Acta Physiol Pharmacol Latinoam** 1984;34(2):175-84

A carbene-yielding amino acid for incorporation into peptide photoaffinity reagents. Shih LB, et al. **Anal Biochem** 1985 Jan;144(1):132-41

Motor dysfunction following chronic exposure to a fluoroalkane solvent mixture containing nitromethane. Sandyk R, et al. **Eur Neurol** 1984;23(6):479-81

Halomethane-induced inhibition of protein synthesis in isolated hepatocytes. Hegarty JM, et al. **Exp Mol Pathol** 1984 Dec;41(3):331-7

Essential tyrosyl residues of human placental alkaline phosphatase. Chang TC, et al. **Int J Biochem** 1984; 16(12):1237-43

Stimulation of rat ovarian cell steroidogenesis by high density lipoproteins modified with tetranitromethane. Nestler JE, et al. **J Biol Chem** 1985 Jun 25;260(12):7316-21

Acetylcholinesterase: inhibition by tetranitromethane and arsenite. Binding of arsenite by tyrosine residues. Page JD, et al. **J Biol Chem** 1985 Feb 10;260(3):1475-8

ANALYSIS

Much ado about nothing: trace gaseous metabolites in the closed circuit [letter] Baumgarten RK, et al. **Anesth Analg** 1985 Oct;64(10):1029-30

Accumulation of methane, acetone, and nitrogen in the inspired gas during closed-circuit anesthesia. Morita S, et al. **Anesth Analg** 1985 Mar;64(3):343-7

Factors influencing the high content of brominated trihalomethanes in Barcelona's water supply (Spain). Ventura F, et al. **Bull Environ Contam Toxicol** 1985 Jul; 35(1):73-81

Methane excretion in man--a study of breath, flatus, and faeces. McKay LF, et al. **Gut** 1985 Jan;26(1):69-74

Fecal skatole and indole and breath methane and hydrogen in patients with large bowel polyps or cancer. Karlin DA, et al. **J Cancer Res Clin Oncol** 1985;109(2):135-41

[Bacteriological studies of the feces from methane-producers and nonproducers in the expired air] Hoshi T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):223-31 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Coenzymes of methanogenesis from hydrogen and carbon dioxide. Keltjens JT. **Antonie Van Leeuwenhoek** 1984; 50(4):383-96 (69 ref.)

Methanogenesis: surprising molecules, microorganisms and ecosystems. Vogels GD, et al. **Antonie Van Leeuwenhoek** 1984;50(5-6):557-67 (28 ref.)

Biochemistry of methanogenesis by mixed cultures. Archer DB. **Biochem Soc Trans** 1984 Dec;12(6):1144-6

The bioenergetics of methanogenesis. Daniels L, et al. **Biochim Biophys Acta** 1984 Sep 6;768(2):113-63 (392 ref.)

Methane formation in faunated and ciliate-free cattle and its relationship with rumen volatile fatty acid proportions. Whitelaw FG, et al. **Br J Nutr** 1984 Sep;52(2):261-75

ATP synthesis in Methanobacterium thermoautotrophicum coupled to CH4 formation from H2 and CO2 in the apparent absence of an electrochemical proton potential across the cytoplasmic membrane. Schönheit P, et al. **Eur J Biochem** 1985 May 2;148(3):545-50

Methane production and colon cancer [letter] Peled Y. **Gastroenterology** 1985 May;88(5 Pt 1):1294

Inhibition of methanogenesis and carbon metabolism in Methanosarcina sp. by cyanide. Smith MR, et al. **J Bacteriol** 1985 Apr;162(1):67-71

The development of methane production in childhood and adolescence. Peled Y, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):575-9

[Parasite egg development during methane fermentation] Tsanov TsS, et al. **Vet Med Nauki** 1985;22(4):58-62 (Eng. Abstr.) **(Bul)**

[Nickel enzymes in metabolism of methanogenic bacteria. Lecture held on the occasion of the Otto Warburg medal on September 18, 1984] Thauer RK. **Biol Chem Hoppe Seyler** 1985 Feb;366(2):103-12 (133 ref.) **(Ger)**

[Fractionation of carbon isotopes by a methane-forming sarcina] Ivanov MV, et al. **Dokl Akad Nauk SSSR** 1984 Jul-Aug;277(1):225-9 **(Rus)**

METABOLISM

Methanosphaera stadtmaniae gen. nov., sp. nov.: a species that forms methane by reducing methanol with hydrogen. Miller TL, et al. **Arch Microbiol** 1985 Mar;141(2):116-22

Methanofuran (carbon dioxide reduction factor), a formyl carrier in methane production from carbon dioxide in Methanobacterium. Leigh JA, et al. **Biochemistry** 1985 Feb 12;24(4):995-9

Relation of breath methane with obesity and other factors. Haines AP, et al. **Int J Obes** 1984;8(6):675-80

Tetrahydromethanopterin-dependent methanogenesis from non-physiological C1 donors in Methanobacterium thermoautotrophicum. Escalante-Semerena JC, et al. **J Bacteriol** 1985 Feb;161(2):696-701

Evidence of a common pathway of carbon dioxide reduction to methane in methanogens. Jones WJ, et al. **J Bacteriol** 1985 Jul;163(1):126-31

Methanogenesis and the K+ transport system are activated by divalent cations in ammonia-treated cells of Methanospirillum hungatei. Sprott GD, et al. **J Biol Chem** 1985 Aug 5;260(16):9244-50

Structure of genes and an insertion element in the methane producing archaebacterium Methanobrevibacter smithii. Hamilton PT, et al. **MGG** 1985;200(1):47-59

Effect of Acarbose on the production of hydrogen and methane and on hormonal parameters in young adults under standardized low-fibre mixed diets. Fritz M, et al. **Z Ernahrungswiss** 1985 Mar;24(1):1-18

METHANE-OXIDIZING BACTERIA see **METHYLOMONADACEAE**

METHANESULFONATES

Quantitative structure-activity relationships of cysteine hydrolases. Ficin hydrolysis of X-phenyl-N-methanesulfonyl glycinates. Carotti A, et al. **Chem Biol Interact** 1985 Jan;52(3):279-88

PHARMACODYNAMICS

Leydig cell resistance to the cytotoxic effect of ethylene dimethanesulphonate in the adult rat testis. Morris ID. **J Endocrinol** 1985 Jun;105(3):311-6

The antispermatogenic effect and toxicity of 2, 4-dinitro-6-tert-butylphenyl methanesulfonate on Sprague-Dawley rat. Imai S, et al. **J Toxicol Sci** 1984 May; 9(2):161-74

[Antagonistic action of ethylene-dimethyl sulfonate and its derivatives to human chorionic gonadotropin] Li DZ, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):813-7 (Eng. Abstr.) **(Chi)**

THERAPEUTIC USE

Eastern Cooperative Oncology Group phase II studies in advanced measurable colorectal cancer. I. Razoxane, Yoshi-864, piperazinedione, and lomustine. Douglass HO Jr, et al. **Cancer Treat Rep** 1985 May;69(5):543-5

TOXICITY

DNA damage and differential cytotoxicity produced in human cells by 2-chloroethyl (methylsulfonyl)methanesulfonate (NSC 338947), a new DNA-chloroethylating agent. Gibson NW, et al. **Cancer Res** 1985 Apr;45(4):1674-9

METHANOBACTERIA see **METHANOGENS**

METHANOGENS

ANALYSIS

Polyadenylated, noncapped RNA from the archaebacterium Methanococcus vannielii. Brown JW, et al. **J Bacteriol** 1985 Jun;162(3):909-17

Structural elucidation of a unique macrocyclic membrane lipid from a new, extremely thermophilic, deep-sea hydrothermal vent archaebacterium, Methanococcus jannaschii. Comita PB, et al. **J Biol Chem** 1984 Dec 25; 259(24):15234-41

Stereostructure of the archaebacterial C40 diol. Heathcock CH, et al. **Science** 1985 Aug 30;229(4716):862-4

ENZYMOLOGY

Coenzymes of methanogenesis from hydrogen and carbon dioxide. Keltjens JT. **Antonie Van Leeuwenhoek** 1984; 50(4):383-96 (69 ref.)

The methane mono-oxygenase reaction system studied in vivo by membrane-inlet mass spectrometry. Joergensen L. **Biochem J** 1985 Jan 15;225(2):441-8

Acetate catabolism by Methanosarcina barkeri: evidence for involvement of carbon monoxide dehydrogenase, methyl coenzyme M, and methylreductase. Krzycki JA, et al. **J Bacteriol** 1985 Sep;163(3):1000-6

Carbon monoxide-dependent methyl coenzyme M methylreductase in acetotrophic Methosarcina spp. Nelson MJ, et al. **J Bacteriol** 1984 Nov;160(2):526-32

Component A2 of the methylcoenzyme M methylreductase system from Methanobacterium thermoautotrophicum. Rouvière PE, et al. **J Bacteriol** 1985 Apr;162(1):61-6

Purification and properties of methanol:5-hydroxybenzimidazolylcobamide methyltransferase from Methanosarcina barkeri. van der Meijden P, et al. **J Bacteriol** 1984 Nov;160(2):629-35

Archaebacterial phenylalanyl-tRNA synthetase. Accuracy of the phenylalanyl-tRNA synthetase from the archaebacterium Methanosarcina barkeri, Zn(II)-dependent synthesis of diadenosine 5',5'''-P1,P4-tetraphosphate, and immunological relationship of OFFnylalanyl-tRNA synthetases from different urkingdoms. Rauhut R, et al. **J Biol Chem** 1985 Jan 10;260(1):182-7

Stereochemical studies of a selenium-containing hydrogenase from Methanococcus vannielii: determination of the absolute configuration of C-5 chirally labeled dihydro-8-hydroxy-5-deazaflavin cofactor. Yamazaki S, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1364-6

[Fractionation of carbon isotopes by a methane-forming sarcina] Ivanov MV, et al. **Dokl Akad Nauk SSSR** 1984 Jul-Aug;277(1):225-9 **(Rus)**

GENETICS

A newly-isolated marine methanogen harbors a small cryptic plasmid. Wood AG, et al. **Arch Microbiol** 1985 Aug; 142(3):259-61

Non-repetitive AT-rich sequences are found in intergenic regions of Methanococcus voltae DNA. Bollschweiler C, et al. **EMBO J** 1985 Mar;4(3):805-9

Transcription in methanogens. Evidence for specific in vitro transcription of the purified DNA-dependent RNA polymerase of Methanococcus thermolithotrophicus. Thomm M, et al. **Eur J Biochem** 1985 Jun 3;149(2):345-51

Broad host range cloning vectors for gram-negative bacteria. Sharpe GS. **Gene** 1984 Jul-Aug;29(1-2):93-102

Apparent operon for a 5S ribosomal RNA gene and for tRNA genes in the archaebacterium Methanococcus vannielii. Wich G, et al. **MGG** 1984;196(1):146-51

Activation of expression of a cloned archaebacterial gene in Escherichia coli by IS2, IS5, or deletions. Wood AG, et al. **MGG** 1985;198(2):309-14

Structure and sequence divergence of two archaebacterial genes. Cue D, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4207-11

ISOLATION & PURIFICATION

Isolation and characterization of a new thermophilic Methanosarcina strain (strain MP). Ollivier B, et al. **Ann Microbiol (Paris)** 1984 Sep-Oct;135B(2):187-98

Methanogens and anaerobes in a colon segment isolated from the normal fecal stream. Miller TL, et al. **Appl Environ Microbiol** 1984 Aug;48(2):449-50

[Bacteriological studies of the feces from methane-producers and nonproducers in the expired air] Hoshi T, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):223-31 (Eng. Abstr.) **(Jpn)**

METABOLISM

Biochemistry of methanogenesis by mixed cultures. Archer DB. **Biochem Soc Trans** 1984 Dec;12(6):1144-6

Factor 390 chromophores: phosphodiester between AMP or GMP and methanogen factor 420. Hausinger RP, et al. **Biochemistry** 1985 Mar 26;24(7):1629-33

Methanofuran (carbon dioxide reduction factor), a formyl carrier in methane production from carbon dioxide in Methanobacterium. Leigh JA, et al. **Biochemistry** 1985 Feb 12;24(4):995-9

The bioenergetics of methanogenesis. Daniels L, et al. **Biochim Biophys Acta** 1984 Sep 6;768(2):113-63 (392 ref.)

Formation of carbon monoxide from CO2 and H2 by Methanobacterium thermoautotrophicum. Eikmanns B, et al. **Eur J Biochem** 1985 Jan 2;146(1):149-54

Amino acid biosynthesis and sodium-dependent transport in Methanococcus voltae, as revealed by 13C NMR. Ekiel I, et al. **Eur J Biochem** 1985 Jun 3;149(2):437-44

Is coenzyme M bound to factor F430 in methanogenic bacteria? Experiments with Methanobrevibacter ruminantium. Hüster R, et al. **Eur J Biochem** 1985 Apr 1;148(1):107-11

ATP synthesis in Methanobacterium thermoautotrophicum coupled to CH4 formation from H2 and CO2 in the apparent absence of an electrochemical proton potential across the cytoplasmic membrane. Schönheit P, et al. **Eur J Biochem** 1985 May 2;148(3):545-50

Methanogenic cleavage of acetate by lysates of Methanosarcina barkeri. Baresi L. **J Bacteriol** 1984 Oct; 160(1):365-70

Acetate and CO2 assimilation by Methanothrix concilii. Ekiel I, et al. **J Bacteriol** 1985 Jun;162(3):905-8

Tetrahydromethanopterin-dependent methanogenesis from non-physiological C1 donors in Methanobacterium thermoautotrophicum. Escalante-Semerena JC, et al. **J Bacteriol** 1985 Feb;161(2):696-701

Evidence of a common pathway of carbon dioxide reduction to methane in methanogens. Jones WJ, et al. **J Bacteriol** 1985 Jul;163(1):126-31

Identification of methyl coenzyme M as an intermediate in methanogenesis from acetate in Methanosarcina spp. Lovley DR, et al. **J Bacteriol** 1984 Nov;160(2):521-5

Inhibition of methanogenesis and carbon metabolism in Methanosarcina sp. by cyanide. Smith MR, et al. **J Bacteriol** 1985 Apr;162(1):67-71

7-Methylpterin and 7-methyllumizine: oxidative degradation products of 7-methyl-substituted pteridines in methanogenic bacteria. White RH. **J Bacteriol** 1985 May; 162(2):516-20

Growth substrate effects on acetate and methanol catabolism in Methanosarcina sp. strain TM-1. Zinder SH, et al. **J Bacteriol** 1985 Jul;163(1):317-23

Methanogenesis and the K+ transport system are activated by divalent cations in ammonia-treated cells of Methanospirillum hungatei. Sprott GD, et al. **J Biol Chem** 1985 Aug 5;260(16):9244-50

Ammonia/potassium exchange in methanogenic bacteria. Sprott GD, et al. **J Biol Chem** 1984 Oct 25;259(20):12602-8

Dinitrogen fixation by a thermophilic methanogenic bacterium. Belay N, et al. **Nature** 1984 Nov 15-21; 312(5991):286-8

Single-carbon chemistry of acetogenic and methanogenic bacteria. Zeikus JG, et al. **Science** 1985 Mar 8; 227(4691):1167-73

PHYSIOLOGY

Methanosphaera stadtmaniae gen. nov., sp. nov.: a species that forms methane by reducing methanol with hydrogen. Miller TL, et al. **Arch Microbiol** 1985 Mar;141(2):116-22

ULTRASTRUCTURE

Unusual stability of the Methanospirillum hungatei sheath. Beveridge TJ, et al. **J Bacteriol** 1985 May;162(2):728-37

Enzymatic lysis of the pseudomurein-containing methanogen Methanobacterium formicicum. Bush JW. **J Bacteriol** 1985 Jul;163(1):27-36

Three-dimensional architecture of the cell sheath and septa of Methanospirillum hungatei. Shaw PJ, et al. **J Bacteriol** 1985 Feb;161(2):750-7

METHANOL see **ALCOHOL, METHYL**

METHANOMONADACEAE see **METHYLOMONADACEAE**

METHANTHELINE

PHARMACODYNAMICS

Effect of methantheline bromide and clonidine hydrochloride on salivary secretion. Wilson EL Jr, et al. **J Prosthet Dent** 1984 Nov;52(5):663-5

METHAPYRILENE see under **AMINOPYRIDINES**

METHAQUALONE

[Absorption characteristics of hemoperfusion sorbents of Czechoslovak manufacture for various drugs] Monhart V, et al. **Cas Lek Cesk** 1984 Aug 31;123(35):1091-5 (Eng. Abstr.) **(Cze)**

ANALOGS & DERIVATIVES

[Photochemical reactivity of methaqualone-1-oxide] Theil FP, et al. **Pharmazie** 1985 May;40(5):328-31 (Eng. Abstr.) **(Ger)**

ANALYSIS

[Photochemical reactivity of methaqualone-1-oxide] Theil FP, et al. **Pharmazie** 1985 May;40(5):328-31 (Eng. Abstr.) **(Ger)**

METABOLISM

The effect of age on the competitive C- and N-oxidative pathways of methaqualone in women. Wilson K, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct-Dec;9(4):301-6

[Pharmacokinetic study of a toxic dose of methaqualone administered intravenously to rabbits] Fernández Gómez P, et al. **Arch Farmacol Toxicol** 1984 Apr;10(1):21-4 (Eng. Abstr.) **(Spa)**

POISONING

Alternating skew deviation associated with Mandrax overdosage. Pan HY, et al. **Aust NZ J Med** 1984 Jun; 14(3):265-6

Charcoal-containing empyema complicating treatment for overdose. Justiniani FR, et al. **Chest** 1985 Mar;87(3):404-5

METHARBITAL see under **BARBITURATES**

METHASQUIN see under **ASPARTIC ACID**

METHAZOLAMIDE see under **THIADIAZOLES**

METHBIPYRANONE see **METYRAPONE**

METHEMALBUMIN see under **HEMEPROTEINS**

METHEMOGLOBIN

Ultracentrifugation of concentrated biopolymer solutions and effect of ascorbate. Lundh S. **Arch Biochem Biophys** 1985 Aug 15;241(1):265-74

The cross-linking of human Met-hemoglobin with [14C]dimethyl adipimidate. Ferris RJ, et al. **Can J Biochem Cell Biol** 1985 Mar;63(3):195-203

Determination of the frequency of heme cavity fluctuations in metmyoglobin and methaemoglobin based on the study of exchange rate of solvent water with paramagnetic Fe3+ ion of heme. 1H-NMR studies. Käiväräinen AI, et al. **Folia Biol (Praha)** 1984;30(6):396-403

Proton nuclear magnetic resonance investigation of the heme cavity structure of liver fluke (Dicrocoelium dendriticum) methemoglobin. Lecomte J, et al. **J Mol Biol** 1984 Dec 5;180(2):357-70

ANALOGS & DERIVATIVES

Assignment of the Fe-N epsilon (His) stretching mode in the resonance Raman spectra of a monomeric insect cyanomethaemoglobin. Kerr EA, et al. **FEBS Lett** 1984 Dec 3;178(1):31-3

ANALYSIS

2,4-Difluoroaniline and 4-fluoroaniline exposure: monitoring by methaemoglobin and urine analyses. Eadsforth CV, et al. **Int Arch Occup Environ Health** 1984;54(3):223-32

Deficiencies and improvement of methemoglobin assay. Anders JC, et al. **J Anal Toxicol** 1984 Nov-Dec;8(6):260-2

Postmortem methemoglobin concentrations and their significance. Reay DT, et al. **J Forensic Sci** 1984 Oct; 29(4):1160-3

Elevated methemoglobin in the pathology of avian Coccidia (Protozoa, Apicomplexa) and Histomonas (Protozoa, Sarcomastigophora). Mathis GF, et al. **J Parasitol** 1984 Oct;70(5):838-9

[Analytical interference of lipid parenteral feeding with the determination of methemoglobin levels by an autoanalyzer] Rouillon JD, et al. **Pathol Biol (Paris)** 1985 Jan;33(1):57-60 (Eng. Abstr.) **(Fre)**

BIOSYNTHESIS

Differences in the production of methemoglobin during high-dose treatment with isosorbide dinitrate or isosorbide 5-mononitrate. Schneider W, et al. **Arzneimittelforsch** 1984; 34(12):1779-82

Relationship between red blood cell uptake and methemoglobin production by nitrobenzene and dinitrobenzene in vitro. Goldstein RS, et al. **Life Sci** 1985 Jan 14;36(2):121-5

Effect of heating on methemoglobin content in the blood. Shigezane J. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):1-5

Differences in the ferrihemoglobin-forming capabilities and carcinogenicities between monocyclic and polycyclic N-acylarylamines and their derivatives. Lenk W, et al. **Q Rev Drug Metab Drug Interact** 1982;4(2-3):171-236 (129 ref.)

[Dynamics of methemoglobin nitrite formation in whole-body gamma irradiation of rats] Malenchenko AF, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):548-50 (Eng. Abstr.) **(Rus)**

[Methemoglobin formation in the erythrocytes of mice as affected by primaquine metabolites and the protective action of antioxidants] Sokhanenkova TL, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):22-4 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

The laboratory use of butylnitrite for the production of methemoglobin. Roth E Jr, et al. **Am J Hematol** 1985 Oct; 20(2):153-9

METABOLISM

Quaternary structure has little influence on spin states in mixed-spin human methemoglobins. Philo JS, et al. **Biochemistry** 1985 Jun 4;24(12):2985-92

Relaxation amplitude analysis of thiocyanate and formate binding to human aquomethemoglobin A. Iwuoha EI, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):327-34

Catalysis of methemoglobin reduction. Hultquist DE, et al. **Curr Top Cell Regul** 1984;24:287-300

The aerobic reduction of Fe(III) complexes by hemoglobin and myoglobin. Eguchi LA, et al. **J Biol Chem** 1984 Dec 10;259(23):14337-8

Mechanism of electron transfer to coordinated dioxygen of oxyhemoglobins to yield peroxide and methemoglobin. Protein control of electron donation by aquopentacyanoferrate(II). Kawanishi S, et al. **J Biol Chem** 1985 Apr 25;260(8):4622-31

Effect of methemoglobin formation on the MR appearance of subarachnoid hemorrhage. Bradley WG Jr, et al. **Radiology** 1985 Jul;156(1):99-103

[Reduction of methemoglobin with photoradicals of benzophenone-3,3',4,4'-tetracarbonic acid] Tverdokhlebov EN. **Biofizika** 1984 Nov-Dec;29(6):923-4 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Initiation of membranal lipid peroxidation by activated metmyoglobin and methemoglobin. Kanner J, et al. **Arch Biochem Biophys** 1985 Mar;237(2):314-21

METHEMOGLOBIN REDUCTASE see under **NADH, NADPH OXIDOREDUCTASES**

METHEMOGLOBINEMIA

BLOOD

Mismeasurement of methemoglobin ('methemoglobin revisited') [letter] Kelner MJ, et al. **Clin Chem** 1985 Jan; 31(1):168-9

Postmortem methemoglobin concentrations and their significance. Reay DT, et al. **J Forensic Sci** 1984 Oct; 29(4):1160-3

[Effect of thyroxine on methemoglobin content and the activity of antioxidant enzymes of human erythrocytes in vitro] Sal'nikova LA, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):81-4 (Eng. Abstr.) **(Rus)**

CHEMICALLY INDUCED

Methemoglobinemia associated with a prilocaine-lidocaine cream and trimetoprim-sulphamethoxazole. A case report. Jakobson B, et al. **Acta Anaesthesiol Scand** 1985 May; 29(4):453-5

Association of methemoglobinemia and intravenous nitroglycerin administration. Kaplan KJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):181-3

Clinically significant methemoglobinemia from inhalation of isobutyl nitrite. Guss DA, et al. **Am J Emerg Med** 1985 Jan;3(1):46-7

Methemoglobinemia and respiratory failure [letter] Benjamin E, et al. **Anesthesiology** 1985 Apr;62(4):542-3

Intravenous nitroglycerin, methemoglobinemia, and respiratory distress in a postoperative cardiac surgical patient. Zurick AM, et al. **Anesthesiology** 1984 Oct; 61(4):464-6

Inhibition of nitrate-induced increase of plasma nitrite and methemoglobinemia in rats by simultaneous feeding of ascorbic acid or tocopherol. Hirneth H, et al. **Arzneimittelforsch** 1984;34(9):988-91

Effects of exposure of blood hemoglobin to nitric oxide. Chiodi H, et al. **Environ Res** 1985 Aug;37(2):355-63

Methemoglobinaemia: an unusual presentation. Kokal KC, et al. **J Assoc Physicians India** 1984 Sep;32(9):833-4

Copper sulphate poisoning, hemolysis and methaemoglobinemia. Nagaraj MV, et al. **J Assoc Physicians India** 1985 Apr;33(4):308-9

Prilocaine-induced methemoglobinemia in a child with Shwachman syndrome. Klos CP, et al. **J Oral Maxillofac Surg** 1985 Aug;43(8):621-3

Benzocaine-induced methemoglobinemia during general anesthesia. Spielman FJ, et al. **J Oral Maxillofac Surg** 1984 Nov;42(11):740-3

An unusual cause of poisoning [letter] Mackenzie A. **Med J Aust** 1984 Dec 8-22;141(12-13):903

Acquired methaemoglobinaemia in pregnancy. A case report. Moore PJ, et al. **S Afr Med J** 1985 Jan 5;67(1):23-4

Kinetics of amyl nitrite-induced hemoglobin oxidation in cord and adult blood. Tarburton JP, et al. **Toxicology** 1985 Jul;36(1):15-21

[Nitrates in drinking water and methemoglobinemia] Hye-Knudsen P. **Ugeskr Laeger** 1984 Dec 31;147(1):51-3 (Eng. Abstr.) **(Dan)**

[Toxic methemoglobinemia caused by a gingival lotion with a benzocaine base (letter)] Berthier JC, et al. **Presse Med** 1985 Jan 26;14(3):161 **(Fre)**

[Toxic methemoglobinemia following the postoperative ingestion of 4,4-diaminodiphenylsulfone (DADPS)--on the differential diagnosis of cyanosis] Frucht U, et al. **Anasth Intensivther Notfallmed** 1985 Feb;20(1):22-4 (Eng. Abstr.) **(Ger)**

[Remarks on the paper by F. Thiessen, J. Bergmann and H. Steinhoff: Methemoglobinemia following blockade of the brachial plexus with prilocaine (Xylonest) (letter)] Biscoping J, et al. **Reg Anaesth** 1985 Apr;8(2):42 **(Ger)**

[Methemoglobinemia following blockade of the brachial plexus with prilocaine (Xylonest)] Thiessen F, et al. **Reg Anaesth** 1984 Jul;7(3):94-5 (Eng. Abstr.) **(Ger)**

[Effect of low level long-term load with environmental pollutants on the immune system and methemoglobinemia] Huber HC, et al. **Z Gesamte Hyg** 1984 Dec;30(12):713-6 (Eng. Abstr.) **(Ger)**

CONGENITAL

[Congenital methemoglobinemia with central nervous system damage caused by generalized deficiency of NADH-dependent methemoglobin reductase in a 2-year-old Polish girl] Holtorp-Tyszkiewiczowa J, et al. **Pediatr Pol** 1984 Oct;59(10):865-70 **(Pol)**

[Methemoglobinemia in a 2-day-old infant] Wróblewska-Kałużewska M, et al. **Pediatr Pol** 1984 Jun; 59(6):489-91 **(Pol)**

DIAGNOSIS

Methaemoglobinaemia in pregnancy [letter] Klein M, et al. **S Afr Med J** 1985 Apr 20;67(16):617

[Toxic methemoglobinemia--due to acute aniline-bromide poisoning] Ben-Chetrit E, et al. **Harefuah** 1983 Oct 16; 105(8):219-21 (Eng. Abstr.) **(Heb)**

DRUG THERAPY

[2 children with severe hemiglobinemia] Thunnissen RJ, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):788-90 (Eng. Abstr.) **(Dut)**

ENZYMOLOGY

Generalized deficiency of the NADH-methemoglobin reductase in congenital methemoglobinemia with neurological symptoms. Jabłońska-Skwiecińska E, et al. **Biomed Biochim Acta** 1984;43(6):S98-100

ETIOLOGY

Postoperative methemoglobinemia in a neonate [letter] Bhatt DN, et al. **Anesthesiology** 1985 Feb;62(2):210-1

Observations on oxygen delivery, methemoglobinemia, and arterial oxygenation in patients with beta-thalassemia. Tassiopoulos T, et al. **Ann NY Acad Sci** 1985;445:135-47

Methemoglobinemia in patients attacked by chemical and microbiological warfare agents. Heyndrickx A, et al. **Arch Belg** 1984;Suppl:69-73

FAMILIAL & GENETIC

Homozygous NADH-methemoglobin reductase and aspartylglucosaminidase deficiencies in a moderately retarded Sicilian child. Musumeci S, et al. **Am J Med Genet** 1984 Dec;19(4):643-50

PHYSIOPATHOLOGY

Methemoglobinemia. Mansouri A. **Am J Med Sci** 1985 May; 289(5):200-9

Suppressive influence of methemoglobinemia due to nitrite on hepatotoxicosis due to dimethylnitrosamine (DMN) in germ-free rats. Sumi Y, et al. **Prog Clin Biol Res** 1985; 181:301-4

[External respiration, gas exchange and blood oxygen parameters in acute methemoglobinemia] Seredenko MM, et al. **Fiziol Zh** 1985 May-Jun;31(3):262-6 (Eng. Abstr.) **(Rus)**

[Changes in the indices of external respiration, gas exchange and the oxygen-transporting function of the blood in chronic methemoglobinemia] Sidoriak NG. **Fiziol Zh** 1985 Jan-Feb;31(1):76-9 **(Rus)**

PREVENTION & CONTROL

Dietary selenium and aniline-induced methemoglobinemia in rats. Hu ML, et al. **Toxicol Lett** 1985 May;25(2):205-10

METHENAMINE

Standardization of various applications of methacrylate embedding and silver methenamine for light and electron microscopy immunocytochemistry. Rodriguez EM, et al. **Histochemistry** 1984;81(3):253-63

ADVERSE EFFECTS

Paresthesia of the mental nerve after overextension with AH26 and gutta-percha: report of case. Barkhordar RA, et al. **J Am Dent Assoc** 1985 Feb;110(2):202-3

ANALOGS & DERIVATIVES

Trimethoprim and methenamine hippurate. A new theoretical combination for the treatment of urinary tract infections. Räisänen S, et al. **Scand J Infect Dis** 1985;17(2):211-8

[The preventive effect of methenamine hippurate (Haiprex) on urinary infections after short-term catheterization. A clinical study] Ladehoff P, et al. **Ugeskr Laeger** 1984 May 7;146(19):1433-4 (Eng. Abstr.) **(Dan)**

[Methenamine hippurate. Short-term catheterization in gynecologic surgery. A double-blind comparison of Hiprex and placebo] Knoff T. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):498-9 (Eng. Abstr.) **(Nor)**

DIAGNOSTIC USE

Visualization of human predentin and hypomineralized areas of dentin by silver methenamine staining. Sögaard-Pedersen B. **Scand J Dent Res** 1985 Apr; 93(2):139-44

METHERGOLINE see under **ERGOLINES**

METHETHARIMIDE see **BEMEGRIDE**

METHICILLIN

Methicillin- and gentamicin-resistant Staphylococcus epidermidis endophthalmitis after intraocular surgery [letter] Lambert SR, et al. **Am J Ophthalmol** 1985 Jun 15; 99(6):725-6

Methicillin-resistant Staphylococcus aureus [letter] **Lancet** 1985 Jul 27;2(8448):218-20

ADMINISTRATION & DOSAGE

[Local treatment of post-injection abscesses with a combination of oxytocin and antibiotics] Zak VI, et al. **Khirurgiia (Mosk)** 1985 May;(5):112-5 **(Rus)**

ADVERSE EFFECTS

Methicillin-induced neutropenia. Mallouh AA. **Pediatr Infect Dis** 1985 May-Jun;4(3):262-4

ANTAGONISTS & INHIBITORS

In vitro activity of combinations of antibiotics against Staphylococcus aureus resistant to gentamicin and methicillin. Dixson S, et al. **Infection** 1985 Jan-Feb; 13(1):35-8

PHARMACODYNAMICS

An outbreak of methicillin-resistant Staphylococcus aureus eradicated from a large teaching hospital. Alvarez S, et al. **Am J Infect Control** 1985 Jun;13(3):115-21

Comparison of methicillin-resistant and methicillin-sensitive Staphylococcus aureus bacteremia. Lewis E, et al. **Am J Infect Control** 1985 Jun;13(3):109-14

Antibiotic usage for methicillin-resistant Staphylococcus mycotic aneurysms. Nelson RM, et al. **Am Surg** 1985 Jun; 51(6):314-5

Disparity between timed-kill and checkerboard methods for determination of in vitro bactericidal interactions of vancomycin plus rifampin versus methicillin-susceptible and -resistant Staphylococcus aureus. Bayer AS, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):220-3

Responses of tolerant and nontolerant Staphylococcus aureus strains to methicillin treatment in an experimental infection in mice. Goessens WH, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):829-32

Comparative in vitro inhibitory and killing activity of cefpirome, ceftazidime, and cefotaxime against Pseudomonas aeruginosa, enterococci, Staphylococcus epidermidis, and methicillin-susceptible and -resistant and tolerant and nontolerant Staphylococcus aureus. Goldstein EJ, et al. **Antimicrob Agents Chemother** 1985 Jul; 28(1):160-2

In vitro activities of teichomycin, fusidic acid, flucloxacillin, fosfomycin, and vancomycin against methicillin-resistant Staphylococcus aureus. Guenthner SH, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):268-9

Regulation of penicillin-binding protein activity: description of a methicillin-inducible penicillin-binding protein in Staphylococcus aureus. Rossi L, et al. **Antimicrob Agents Chemother** 1985 May;27(5):828-31

Activity of ciprofloxacin against methicillin-resistant Staphylococcus aureus. Smith SM, et al. **Antimicrob Agents Chemother** 1985 May;27(5):688-91

Pefloxacin therapy for experimental endocarditis caused by methicillin-susceptible or methicillin-resistant strains of Staphylococcus aureus. Sullam PM, et al. **Antimicrob Agents Chemother** 1985 May;27(5):685-7

Occurrence of a beta-lactam-inducible penicillin-binding protein in methicillin-resistant staphylococci. Ubukata K, et al. **Antimicrob Agents Chemother** 1985 May;27(5):851-7

Methicillin-resistant Staphylococcus aureus osteomyelitis. Sheftel TG, et al. **Clin Orthop** 1985 Sep;(198):231-9

A comparison of pneumonia caused by gentamicin, methicillin-resistant and gentamicin, methicillin-sensitive Staphylococcus aureus: epidemiologic and clinical studies. Lentino JR, et al. **Infect Control** 1985 Jul;6(7):267-72

In vitro activity of fosfomycin against methicillin-susceptible and methicillin-resistant Staphylococcus aureus. Graninger W, et al. **Infection** 1984 Jul-Aug;12(4):293-5

Full expression of methicillin resistance in Staphylococcus aureus [letter] Annear DI. **J Antimicrob Chemother** 1985 Feb;15(2):253-4

A rapid bioluminescent method for the detection of methicillin-resistant Staphylococcus aureus colonies. Barton AP. **J Antimicrob Chemother** 1985 Jan;15(1):61-7

In-vitro activity of methicillin against clinical isolates of Staphylococcus aureus. Frimodt-Møller N, et al. **J Antimicrob Chemother** 1985 Feb;15(2):173-80

In-vitro activity of Sch 34343 against nosocomial pathogens: methicillin-resistant staphylococci, gentamicin-susceptible and -resistant Streptococcus faecalis, Clostridium difficile and Bacteroides fragilis. Kurpis L, et al. **J Antimicrob Chemother** 1985 Jun;15 Suppl C:133-6

Distribution of plasmid-borne resistance to nucleic acid binding compounds in methicillin-resistant Staphylococcus aureus. Townsend DE, et al. **J Antimicrob Chemother** 1985 Apr;15(4):417-34

In-vitro effects of vancomycin and rifampicin, alone and in combination, against methicillin-sensitive and methicillin-resistant staphylococci. Varaldo PE, et al. **J Antimicrob Chemother** 1984 Dec;14 Suppl D:35-41

Activity of novobiocin against methicillin-resistant Staphylococcus aureus. Walsh TJ, et al. **J Antimicrob Chemother** 1985 Apr;15(4):435-40

Detection of methicillin-resistant Staphylococcus aureus by microdilution and disk elution susceptibility systems. Boyce JM, et al. **J Clin Microbiol** 1984 Dec;20(6):1068-75

Variation in the abilities of automated, commercial, and reference methods to detect methicillin-resistant (heteroresistant) Staphylococcus aureus. Hansen SL, et al. **J Clin Microbiol** 1984 Sep;20(3):494-9

Effect of the source of Mueller-Hinton agar and resistance frequency on the detection of methicillin-resistant Staphylococcus aureus. Hindler JA, et al. **J Clin Microbiol** 1985 Feb;21(2):205-10

Rapid recognition of methicillin-resistant Staphylococcus aureus by use of automated test systems. Jorgensen JH, et al. **J Clin Microbiol** 1984 Sep;20(3):430-3

Prevalence and laboratory identification of methicillin-resistant Staphylococcus aureus in community hospitals. Mahoney MC, et al. **J Clin Microbiol** 1984 Nov; 20(5):1001-2

Methicillin-resistant Staphylococcus aureus strains in New York City hospitals: inter-hospital spread of resistant strains of type 88. Schaefler S, et al. **J Clin Microbiol** 1984 Sep; 20(3):536-8

Genetic analysis of methicillin-resistant Staphylococcus aureus from a Western Australian hospital. Townsend DE, et al. **J Hosp Infect** 1984 Dec;5(4):417-24

Prosthetic valve endocarditis due to methicillin-resistant Staphylococcus epidermidis and Micrococcus species successfully treated with rifampicin combined with other antibiotics. Colebunders R, et al. **J Infect** 1985 Jul; 11(1):35-9

Re-emergence of methicillin-resistant Staphylococcus aureus causing severe infection. Keane CT, et al. **J Infect** 1984 Jul;9(1):6-16 (73 ref.)

Evolution of Australian isolates of methicillin-resistant Staphylococcus aureus: a problem of plasmid incompatibility? Townsend DE, et al. **J Med Microbiol** 1985 Aug;20(1):49-61

Methicillin-resistant Staphylococcus aureus [letter] **Lancet** 1985 Sep 14;2(8455):605-6

Methicillin-resistant Staphylococcus aureus in a London hospital. Bradley JM, et al. **Lancet** 1985 Jun 29; 1(8444):1493-5

Resistance to antiseptics in methicillin and gentamicin resistant Staphylococcus aureus [letter] Brumfitt W, et al. **Lancet** 1985 Jun 22;1(8443):1442-3

Methicillin-resistant Staphylococcus aureus in Dublin 1971-84. Cafferkey MT, et al. **Lancet** 1985 Sep 28; 2(8457):705-8

Faecal carriage of methicillin-resistant staphylococci [letter] Hone R, et al. **Lancet** 1985 Aug 24;2(8452):445-6

'Australian' methicillin-resistant Staphylococcus aureus in a London hospital? Townsend DE, et al. **Med J Aust** 1984 Sep 15;141(6):339-40

Comparison of MRSA [letter] Vickery AM, et al. **Med J Aust** 1985 Mar 18;142(6):378-9

Control and eradication of methicillin-resistant Staphylococcus aureus on a surgical unit. Bartzokas CA, et al. **N Engl J Med** 1984 Nov 29;311(22):1422-5

Methicillin-resistant Staphylococcus aureus [letter] Lifson A, et al. **West J Med** 1984 Nov;141(5):690

THERAPEUTIC USE

Methicillin-resistant Staphylococcus epidermidis blepharitis. Khan JA, et al. **Am J Ophthalmol** 1984 Nov;98(5):562-5

Integration of pharmacokinetics and pharmacodynamics of methicillin in curative treatment of experimental endocarditis. Gengo FM, et al. **J Antimicrob Chemother** 1984 Dec;14(6):619-31

Comparison of ceftazidime, cefuroxime and methicillin in the treatment of Staphylococcus aureus endocarditis in rabbits. McColm AA, et al. **J Antimicrob Chemother** 1984 Oct; 14(4):373-7

Comparison of cefoperazone sodium vs methicillin, ticarcillin, and tobramycin in treatment of pulmonary exacerbations in patients with cystic fibrosis. Jewett CV, et al. **J Pediatr** 1985 Apr;106(4):669-72

What's to be done about resistant staphylococci? [editorial] **Lancet** 1985 Jul 27;2(8448):189-90

Antibiotic prophylaxis in cerebrospinal fluid shunting: a prospective randomized trial in 152 hydrocephalic patients. Schmidt K, et al. **Neurosurgery** 1985 Jul;17(1):1-5

METHIMAZOLE

ADVERSE EFFECTS

Hepatotoxicity from antithyroid drugs. Vitug AC, et al. **Horm Res** 1985;21(4):229-34

ANALYSIS

Colorimetric assay for methimazole in tablet formulations using the 2,6-dichloroquinone chloroimide reagent. Gatti R et al. **Farmaco [Prat]** 1985 Mar;40(3):71-6

BLOOD

The accumulation of [35S]methimazole by monocytes and macrophages. Weetman AP, et al. **Acta Endocrinol (Copenh)** 1984 Nov;107(3):366-70

Determination of thiamazole in serum by high-performance liquid chromatography with electrochemical detection. Tatsuhara T, et al. **J Chromatogr** 1985 Apr 12;339(1):149-56

[An improved method for plasma methimazole assay and its clinical application] Okuno A, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):985-94 (Eng. Abstr.) **(Jpn)**

METABOLISM

Loss of rat liver microsomal cytochrome P-450 during methimazole metabolism. Role of flavin-containing monooxygenase. Kedderis GL, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):58-61

PHARMACODYNAMICS

Effect of inhibitors of alpha-naphthylisothiocyanate-induced hepatotoxicity on the in vitro metabolism of alpha-naphthylisothiocyanate. Traiger GJ, et al. **Chem Biol Interact** 1985 Jan;52(3):335-45

The absence of any effect of methimazole on in vitro cell-mediated cytotoxicity. Weetman AP, et al. **Clin Endocrinol (Oxf)** 1985 Jan;22(1):57-64

[Gastric secretory activity, stimulated by pentagastrin, during inhibition of thyroid function] Kienia AI. **Vopr Pitan** 1984 Jul-Aug;(4):66-7 **(Rus)**

THERAPEUTIC USE

A comparison of the effects of propylthiouracil and methimazol on circulating thyroid hormones and various measures of peripheral thyroid hormone effects in thyrotoxic patients. Laurberg P, et al. **Acta Endocrinol (Copenh)** 1985 Jan;108(1):51-4

Prediction of the course of Graves' disease after medical antithyroid treatment. Eshøj O, et al. **Acta Med Scand** 1985; 217(2):225-8

Thyroxine, methimazole, and thyroid microsomal autoantibody titres in hypothyroid Hashimoto's thyroiditis. Jansson R, et al. **Br Med J [Clin Res]** 1985 Jan 5; 290(6461):11-2

Environmental iodine intake affects the response to methimazole in patients with diffuse toxic goiter. Azizi F. **J Clin Endocrinol Metab** 1985 Aug;61(2):374-7

Anti-inflammatory action of topical thiocarbamide drugs: possible use in protecting skin during radiotherapy [letter] Ferguson MM, et al. **Lancet** 1985 Aug 10;2(8450):325

Antithyroid drugs. Cooper DS. **N Engl J Med** 1984 Nov 22;311(21):1353-62 (151 ref.)

[Classification of pancreatic cancer (letter)] Keller EH, et al. **Dtsch Med Wochenschr** 1985 Mar 22;110(12):479 **(Ger)**

[Immunologic reactions in patients with diffuse toxic goiter after mercasolyl treatment] Epishin AV. **Klin Med (Mosk)** 1984 Aug;62(8):90-3 **(Rus)**

[Pharmcodynamic evaluation of the use of anaprilin combined with merkazolil for the therapy of thyrotoxicosis] Verbovaia NI, et al. **Probl Endokrinol (Mosk)** 1985 Mar-Apr;31(2):9-13 (Eng. Abstr.) **(Rus)**

METHIOCARB see under **INSECTICIDES, CARBAMATE**

METHIONINE

The racemization rate of selenomethionine and methionine in yeast at 100 degrees C and neutral pH. Boehm MF, et al. **Anal Biochem** 1985 Mar;145(2):273-6

Methionyl----tyrosyl radical transitions initiated by Br2-. in peptide model systems and ribonuclease A. Prütz WA, et al. **Int J Radiat Biol** 1985 Feb;47(2):149-56

Hb Long Island: a hemoglobin variant with a methionyl extension at the NH2 terminus and a prolyl substitution for the normal histidyl residue 2 of the beta chain. Barwick RC, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4602-5

ADMINISTRATION & DOSAGE

Variation of Se, Zn, Co, Fe and Rb distribution in rats after injection with selenium or sulfur compounds. Czauderna M, et al. **Int J Appl Radiat Isot** 1984 Dec;35(12):1121-4

Effects of early maturation, layer protein level, and methionine concentration on production performance of brown-egg-type pullets. Kling LJ, et al. **Poult Sci** 1985 Apr;64(4):640-5

[Dietary methionine supplementation in the pregnant rat. 1. Food intake of the dam and body weight of the newborn offspring] Leclerc J. **Int J Vitam Nutr Res** 1985;55(1):103-6 (Eng. Abstr.) **(Fre)**

[Liver and blood enzyme spectra of rats with model anthracosis based on feeding a diet with additional amounts of methionine and pyridoxine] Pichkhadze GM. **Biull Eksp Biol Med** 1985 Apr;99(4):430-1 (Eng. Abstr.) **(Rus)**

ANALOGS & DERIVATIVES

Dynamic study of supratentorial gliomas with L-methyl-11C-methionine and positron emission tomography. Lilja A, et al. **AJNR** 1985 Jul-Aug; 6(4):505-14

Studies on the in vivo utilisation and the in vitro enzymatic reduction of methionine sulphoxide in rats and rat tissues. Aksnes A. **Ann Nutr Metab** 1984;28(5):288-96

In vivo production of ethylene from 2-keto-4-methylthiobutyrate in mice. Lawrence GD, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3231-6

Responses of cultured cardiac myocytes to lysosomotropic compounds and methylated amino acids. Decker RS, et al. **J Cell Sci** 1985 Mar;74:119-35

Positron emission tomography with ([11C]methyl)-L-methionine, [11C]D-glucose, and [68Ga]EDTA in supratentorial tumors. Ericson K, et al. **J Comput Assist Tomogr** 1985 Jul-Aug;9(4):683-9

Influences of methionine hydroxy analog on milk and milk fat production, blood serum lipids, and plasma amino acids. Huber JT, et al. **J Dairy Sci** 1984 Nov;67(11):2525-31

Comparative absorption of 2-hydroxy-4-(methylthio)-butanoic acid and L-methionine in the broiler chick. Knight CD, et al. **J Nutr** 1984 Nov;114(11):2179-86

Enzymatic reduction of methionine sulfoxide residues in proteins and peptides. Brot N, et al. **Methods Enzymol** 1984; 107:352-60

[Biochemical model reactions for cataract research] Elstner EF, et al. **Fortschr Ophthalmol** 1985;82(2):128-31 (Eng. Abstr.) **(Ger)**

ANALYSIS

Indirect [3H]methyl exchange as a general method for labeling methionine residues: application to calcitonin. Barling PM, et al. **Anal Biochem** 1985 Feb 1;144(2):542-52

A radioassay for nonoxidized methionine in peptides. A method for identifying (after isoelectric focusing) and for estimating biologically active forms of corticotropin and other hormones. Storring PL, et al. **Anal Biochem** 1984 Aug 15;141(1):43-54

Serratia protease. Amino acid sequences of both termini, the 53 residues in the middle region containing the sole methionine residue, and a probable zinc-binding region. Lee IS, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1409-18

Non-specific crossreacting antigen (NCA) does not contain methionine. Abuharfeil N, et al. **Tumour Biol** 1984; 5(6):339-50

[Intrinsic oxygen affinity: the primary structure of a ruminantia hemoglobin: methionine in betaNA2 of a pecora, the Northern elk (Alces alces alces)] Aschauer H, et al. **Hoppe Seylers Z Physiol Chem** 1984 Nov; 365(11):1323-30 (Eng. Abstr.) **(Ger)**

[Incorporation of methionine into a peptic partial hydrolyzate from faba bean protein isolate by plastein reaction with thermitase] Winkler H, et al. **Nahrung** 1984;28(10):1029-35 (Eng. Abstr.) **(Ger)**

[Obtaining flour and protein concentrate from seeds of Melilotus albus. Study of the protein quality] de Mucciarelli SI, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):94-108 (Eng. Abstr.) **(Spa)**

BIOSYNTHESIS

Comparative studies on the methionine synthesis in sheep and rat tissues. Xue GP, et al. **Comp Biochem Physiol [B]** 1985;80(3):489-94

Regulatory region of the metA gene of Escherichia coli K-12. Michaeli S, et al. **J Bacteriol** 1984 Dec; 160(3):1158-62

Cobalamin inactivation decreases purine and methionine synthesis in cultured lymphoblasts. Boss GR. **J Clin Invest** 1985 Jul;76(1):213-8

Decreased methionine synthesis in purine nucleoside-treated T and B lymphoblasts and reversal by homocysteine. Boss GR, et al. **J Clin Invest** 1984 Oct;74(4):1262-8

Altered vitamin B12 metabolism in fibroblasts from a patient with megaloblastic anemia and homocystinuria due to a new defect in methionine biosynthesis. Rosenblatt DS, et al. **J Clin Invest** 1984 Dec;74(6):2149-56

BLOOD

Altered methionine metabolism in streptozotocin-diabetic rats. Glanville NT, et al. **Diabetologia** 1984 Oct; 27(4):468-71

Methionine intolerance: a possible risk factor for coronary artery disease. Murphy-Chutorian DR, et al. **J Am Coll Cardiol** 1985 Oct;6(4):725-30

[A case of homocystinuria missed by the newborn screening] Watanabe T, et al. **No To Hattatsu** 1985 May;17(3):265-8 (Eng. Abstr.) **(Jpn)**

[A micro and rapid quantitation of branched amino acids, aromatic acids and methionine] Iwamoto N, et al. **Rinsho Byori** 1984 Sep;32(9):1034-8 **(Jpn)**

DEFICIENCY

Rapid lipid peroxidation in the nuclear fraction of rat liver induced by a diet deficient in choline and methionine. Rushmore TH, et al. **Cancer Lett** 1984 Oct;24(3):251-5

The induction of liver cancer by dietary deficiency of choline and methionine without added carcinogens. Ghoshal AK, et al. **Carcinogenesis** 1984 Oct;5(10):1367-70

DIAGNOSTIC USE

Use of 75Se-labeled methionine to study the sequestration of senescent red blood cells. Smedsrød B, et al. **Am J Hematol** 1985 Jan;18(1):31-40

Improved identification of heterozygotes for homocystinuria due to cystathionine synthase deficiency by the combination of methionine loading and enzyme determination in cultured fibroblasts. Boers GH, et al. **Hum Genet** 1985;69(2):164-9

Lung tumor imaging by positron emission tomography using C-11 L-methionine. Kubota K, et al. **J Nucl Med** 1985 Jan;26(1):37-42

Brain tumor imaging using C-11-labeled L-methionine and D-methionine [letter] Schober O, et al. **J Nucl Med** 1985 Jan;26(1):98-9

GENETICS

Cloning and initial characterization of the metJ and metB genes from Salmonella typhimurium LT2. Urbanowski ML, et al. **Gene** 1985;35(1-2):187-97

Cloning of the methionine regulatory gene, metJ, of Escherichia coli K12 and identification of its product. Smith AA, et al. **J Biol Chem** 1984 Nov 25; 259(22):14279-81

Isolation and characterization of the product of the methionine-regulatory gene metJ of Escherichia coli K-12. Smith AA, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6104-8

HTLV x-gene product: requirement for the env methionine initiation codon. Wachsman W, et al. **Science** 1985 Jun 28; 228(4707):1534-7

METABOLISM

11C-methionine kinetics in pregnant rhesus monkeys studied by positron emission tomography: a new approach to feto-maternal metabolism. Berglund L, et al. **Acta Obstet Gynecol Scand** 1984;63(7):641-5

Evidence for alternative pathways of methionine catabolism. Benevenga NJ. **Adv Nutr Res** 1984;6:1-18 (40 ref.)

Methionine metabolism after portacaval shunt in the rat. Benjamin LE, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):G321-7

Altered methionine metabolism and transmethylation in cancer. Hoffman RM. **Anticancer Res** 1985 Jan-Feb; 5(1):1-30 (402 ref.)

Globin-methionine complexes formed during labelling studies. Beutler E, et al. **Clin Lab Haematol** 1984; 6(3):257-64

The effect of monooxygenase inducing agents on the incorporation of [35S]methionine into hepatic microsomal protein of rainbow trout (Salmo gairdneri). Vodicnik MJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):271-6

Effects of dietary methionine and ethanol on acetaminophen hepatotoxicity in mice. Reicks MM, et al. **Drug Nutr Interact** 1984;3(1):43-51

Oligo(methionyl) proteins. Enzymatic hydrolysis of the model isopeptides N epsilon-oligo(L-methionyl)-L-lysine. Gaertner H, et al. **Eur J Biochem** 1984 Dec 3;145(2):257-63

Uptake of 11C-L- and D-methionine in brain tumors. Meyer GJ, et al. **Eur J Nucl Med** 1985;10(7-8):373-6

Effect of a single dose of T3 on the incorporation of (Methyl-14C) methionine into phosphatidylcholine and lysophosphatidylcholine in chick liver. Marino A, et al. **Exp Clin Endocrinol** 1984 Oct;84(2):245-51

Elevated overall rates of transmethylation in cell lines from diverse human tumors. Stern PH, et al. **In Vitro** 1984 Aug; 20(8):663-70

Radioactive methionine: determination, and distribution of radioactivity in the sulfur, methyl and 4-carbon moieties. Giovanelli J, et al. **J Biochem Biophys Methods** 1985 May; 11(1):1-11

Kinetics of methionine and choline and their incorporation into plasma lipids and milk components in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1984 Sep;67(9):1912-8

Production of methanethiol from methionine by Brevibacterium linens CNRZ 918. Ferchichi M, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):715-23

Requirement of methionine for the replication of canine distemper virus in Vero cells. Hirayama N, et al. **J Gen Virol** 1985 Jan;66 (Pt 1):149-57

Incorporation of intracisternally administered L-[methyl-3H]methionine and S-adenosyl-L-[methyl-3H]-methionine into rat brain phospholipids. Zawad JS, et al. **J Neurochem** 1985 Mar; 44(3):808-11

Comparative absorption of 2-hydroxy-4-(methylthio)-butanoic acid and L-methionine in the broiler chick. Knight CD, et al. **J Nutr** 1984 Nov;114(11):2179-86

Effect of rumen-protected methionine on plasma free amino acids and production by dairy cows. Papas AM, et al. **J Nutr** 1984 Dec;114(12):2221-7

Effect of zinc deficiency on methionine metabolism, methylation reactions and protein synthesis in isolated perfused rat liver. Wallwork JC, et al. **J Nutr** 1985 Feb; 115(2):252-62

[Methionine supplementation in the diet of the pregnant rat. 2. Riboflavin metabolism and hepatic concentration of water, lipid and protein.] Leclerc J, et al. **Int J Vitam Nutr Res** 1985;55(2):217-22 (Eng. Abstr.) **(Fre)**

[Analysis of methionine metabolism studied by the gas chromatographic determination of 3-methylthiopropionate in urine and its clinical application] Yoshida Y. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):183-94 (Eng. Abstr.) **(Jpn)**

[In vitro incorporation of [14CH3]methionine into liver phosphatidylcholine in rats with vitamin E deficiency] Donchenko GV, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):75-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The effect of methionine and 5-azacytidine on fragile X expression. Abruzzo MA, et al. **Am J Hum Genet** 1985 Jan;37(1):193-8

Mechanism of action of paracetamol protective agents in mice in vivo. Miners JO, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2995-3000

Levels of S-adenosylmethionine and S-adenosylethionine in four different tissues of male weanling rats during subchronic feeding of DL-ethionine. Shivapurkar N, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):373-5

The effect of dietary methionine on the copper content of tissues and survival of young and old mice. Massie HR, et al. **Exp Gerontol** 1984;19(6):393-9

Effect of L-dihydroxyphenylalanine (L-dopa) and methionine on tissue S-adenosylmethionine concentrations in cobalamin-inactivated fruit bats. Gibson J, et al. **Int J Vitam Nutr Res** 1984;54(4):329-32

Methionine deficiency in early-weaned dairy calves fed pelleted rations based on corn and alfalfa or corn and soybean proteins. Donahue PB, et al. **J Dairy Sci** 1985 Mar; 68(3):681-93

Methionine-induced changes in glutamate, aspartate, glutamine, and gamma-aminobutyrate levels in brain tissue. Wood JD, et al. **J Neurochem** 1985 Sep;45(3):777-83

Dietary sulfur-containing amino acids and glycine as determinant factors in plasma cholesterol regulation in growing rats. Sugiyama K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Feb;31(1):121-5

Glycogen particles in methionine sulfoximine epileptogenic rodent brain and liver after the administration of methionine and actinomycin D. Delorme P, et al. **Neuropathol Appl Neurobiol** 1985 Mar-Apr;11(2):117-28

Photoinactivation of a Chlamydomonas mutant (NL-11) in the presence of methionine: roles of H2O2 and O2-. Takahama U, et al. **Photochem Photobiol** 1985 Feb; 41(2):149-52

Choline and methionine supplementation of layer diets varying in protein content. Parsons CM, et al. **Poult Sci** 1984 Aug;63(8):1604-9

[Effect of different doses of D, L-methionine on biochemical indices in the blood, rumen contents and urine] Vrŭbcheva V. **Vet Med Nauki** 1984;21(6):40-9 (Eng. Abstr.) **(Bul)**

PHYSIOLOGY

Protein-pattern changes and morphological effects due to methionine starvation or treatment with 5-azacytidine of the phorbol-ester-sensitive cell lines HL-60, CCL-119, and U-937. Anderson NL, et al. **Clin Chem** 1984 Dec;30(12 Pt 1):1956-64

Chemical modification of methionine residues of the phosphatidylcholine transfer protein from bovine liver. A spin-label study. Megli FM, et al. **Eur J Biochem** 1985 Jun 18;149(3):585-90

Folic acid and chromosome breakage. II. A methionine effect similar to that in fragile X expression. Reidy JA, et al. **Hum Genet** 1984;68(2):189-90

RNA polymerase activities and chromatin protein composition of rat liver during methionine deprivation and refeeding. Norell M, et al. **Int J Biochem** 1985;17(3):325-30

Effect of dietary methionine and lysine on the toxicity of ingested lead acetate in the chick. Leeming TK, et al. **J Nutr** 1984 Nov;114(11):2155-9

POISONING

[A rare cause of jaundice in pregnancy] Bohuš O, et al. **Cesk Gynekol** 1985 Mar;50(2):88-93 (Eng. Abstr.) **(Slo)**

THERAPEUTIC USE

Reversible nutritional myopathy with myotonia in the protein-deficient rat given methionine. Cummins AG, et al. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):127-37

Treatment of acute cobalt intoxication in rats with L-methionine. Domingo JL, et al. **Rev Esp Fisiol** 1984 Dec; 40(4):443-8

Treatment of Parkinson's disease with L-methionine. Smythies JR, et al. **South Med J** 1984 Dec;77(12):1577

[Clinico-experimental and clinical studies of a ketomethine preparation in sheep and cows] Goranov Kh, et al. **Vet Med Nauki** 1984;21(7-8):87-93 (Eng. Abstr.) **(Bul)**

[Paracetamol poisoning. Specific treatment with methionine or N-acetylcysteine?] Nielsen I, et al. **Ugeskr Laeger** 1984 May 14;146(20):1500-2 **(Dan)**

[Acidification of the urine--an essential principle in infection prevention] Bach D. **Fortschr Med** 1985 Apr 25; 103(16):421-4 (Eng. Abstr.) **(Ger)**

[Effect of methionine, retinol, tocopherol and pyridoxine on fibrogenesis in the lungs and vitamin metabolism in rats in an anthracosis model] Pichkhadze GM. **Farmakol Toksikol** 1984 Jul-Aug;47(4):98-102 (Eng. Abstr.) **(Rus)**

[Methionine--possible means of preventing the late sequelae of irradiation] Miretskiĭ GI, et al. **Gig Sanit** 1984 Jul; (7):83-5 **(Rus)**

TOXICITY

Prevention of methionine and ammonia-induced coma by intravenous infusion of a branched chain amino acid solution to rats with liver injury. Shiota T, et al. **Acta Med Okayama** 1984 Oct;38(5):479-82

Profound postinitiation enhancement by short-term severe methionine, choline, vitamin B12, and folate deficiency of hepatocarcinogenesis in F344 rats given a single low-dose diethylnitrosamine injection. Hoover KL, et al. **JNCI** 1984 Dec;73(6):1327-36

Dietary sulfur amino acid level and energy utilization in laying hens. Reid BL, et al. **Poult Sci** 1984 Dec; 63(12):2408-13

METHIONINE ADENOSYLTRANSFERASE see under **TRANSFERASES**

METHIONINE ENKEPHALIN see **ENKEPHALIN, METHIONINE**

METHIONINE SULFOXIMINE

ANALOGS & DERIVATIVES

L1210(A) mouse lymphoma cells depleted of glutathione with L-buthionine-S-R-sulfoximine proliferate in tissue culture. Gaetjens EC, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):626-32

Subcellular glutathione contents in isolated hepatocytes treated with L-buthionine sulfoximine. Romero FJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1116-21

The effects of buthionine sulphoximine (BSO) on glutathione depletion and xenobiotic biotransformation. Drew R, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2989-94

Augmentation of adriamycin, melphalan, and cisplatin cytotoxicity in drug-resistant and -sensitive human ovarian carcinoma cell lines by buthionine sulfoximine mediated glutathione depletion. Hamilton TC, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2583-6

Effects of glutathione depletion using buthionine sulphoximine on the cytotoxicity of nitroaromatic compounds in mammalian cells in vitro. Hodgkiss RJ, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2175-8

Potentiation of melphalan cytotoxicity in human ovarian cancer cell lines by glutathione depletion. Green JA, et al. **Cancer Res** 1984 Nov;44(11):5427-31

Radiation survival parameters of antineoplastic drug-sensitive and -resistant human ovarian cancer cell lines and their modification by buthionine sulfoximine. Louie KG, et al. **Cancer Res** 1985 May;45(5):2110-5

Combined effect of misonidazole and glutathione depletion by buthionine sulphoximine on cellular radiation response. Edgren M, et al. **Int J Radiat Biol** 1985 Apr;47(4):463-74

The role of glutathione in lymphocyte activation. I. Comparison of inhibitory effects of buthionine sulfoximine and 2-cyclohexene-1-one by nuclear size transformation. Hamilos DL, et al. **J Immunol** 1985 Oct;135(4):2740-7

Effects of buthionine sulfoximine on the nephrotoxicity of 1-(2-chloroethyl)-3-(trans-4-methylcyclohexyl)-1-nitros (MeCCNU). Kramer RA, et al. **J Pharmacol Exp Ther** 1985 Aug;234(2):498-506

Selective enhancement of hypoxic cell killing by melphalan via thiol depletion: in vitro studies with hypoxic cell sensitizers and buthionine sulfoximine. Roizin-Towle L. **JNCI** 1985 Jan;74(1):151-7

Enhancement of misonidazole radiosensitization by buthionine sulphoximine. Rojas A, et al. **Radiother Oncol** 1984 Dec;2(4):325-32

Buthionine sulfoximine inhibition of cystine uptake and glutathione biosynthesis in human lung carcinoma cells. Brodie AE, et al. **Toxicol Appl Pharmacol** 1985 Mar 15; 77(3):381-7

Modification of butylated hydroxytoluene-induced pulmonary toxicity in mice by diethyl maleate, buthionine sulfoximine, and cysteine. Mizutani T, et al. **Toxicol Lett** 1984 Dec;23(3):327-31

The effect of buthionine sulfoximine, an inhibitor of glutathione synthesis, on hepatic drug metabolism in the male mouse. White RD, et al. **Toxicol Lett** 1984 Oct; 23(1):25-32

[Increased effect of hypoxic cell radiation sensitizers in combination with BSO, a substance depleting the intracellular radioprotective thiols] Nishidai T, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Apr 20;19(3):561-5 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Glial and neuronal glutamate transport following glutamine synthetase inhibition. Rothstein JD, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):73-9

The effect of methioninesulfoximine, an inhibitor of glutamine synthetase, on the levels of amino acids in the intact and decorticated rat neostriatum. Engelsen B, et al. **Brain Res** 1985 Jul 8;338(1):165-8

Effect of hyperammonemia and methionine sulfoximine on the kinetic parameters of blood-brain transport of leucine and phenylalanine. Jonung T, et al. **J Neurochem** 1985 Jul; 45(1):308-18

Methionine sulfoximine prevents the accumulation of large neutral amino acids in brain of portacaval-shunted rats. Rigotti P, et al. **J Neurochem** 1985 Mar;44(3):929-33

Alteration of striatal glutamate release after glutamine synthetase inhibition. Rothstein JD, et al. **J Neurochem** 1984 Nov;43(5):1438-46

Glycogen particles in methionine sulfoximine epileptogenic rodent brain and liver after the administration of methionine and actinomycin D. Delorme P, et al. **Neuropathol Appl Neurobiol** 1985 Mar-Apr;11(2):117-28

Glycogen content and fructose-1, 6-biphosphatase activity in methionine sulfoximine epileptogenic mouse brain and liver after protein synthesis inhibition. Hevor TK, et al. **Neuropathol Appl Neurobiol** 1985 Mar-Apr;11(2):129-39

TOXICITY

Brain methylation and epileptogenesis: the case of methionine sulfoximine. Sellinger OZ, et al. **Ann Neurol** 1984;16 Suppl:S115-20

METHIONYL T RNA SYNTHETASE see under **AMINO ACYL T RNA SYNTHETASES**

METHIOTHEPIN see under **DIBENZOTHIEPINS**

METHISAZONE see under **THIOSEMICARBAZONES**

METHOCARBAMOL

PHARMACODYNAMICS

Pharmacologic and pharmacokinetic properties of methocarbamol in the horse. Muir WW, et al. **Am J Vet Res** 1984 Nov;45(11):2256-60

METHODS see under **SCIENCE**

METHOFLURANUM see **METHOXYFLURANE**

METHOHEXITAL

Anesthesia for termination of pregnancy: midazolam compared with methohexital. Verma R, et al. **Anesth Analg** 1985 Aug;64(8):792-4

Comparison of the new emulsion formulation of propofol with methohexitone and thiopentone for induction of anaesthesia in day cases. Mackenzie N, et al. **Br J Anaesth** 1985 Aug;57(8):725-31

Rectal induction of anaesthesia in children with methohexitone. Patient acceptability and clinical pharmacokinetics. Quaynor H, et al. **Br J Anaesth** 1985 Jun;57(6):573-7

Comparison of ICI 35868, etomidate and methohexitone for day-case anaesthesia. Wells JK. **Br J Anaesth** 1985 Aug; 57(8):732-5

[How safe is the rectal induction of narcosis with methohexital in pediatric anesthesia?] Kaiser H, et al. **Anaesthesist** 1985 Jul;34(7):359-60 (Eng. Abstr.) **(Ger)**

ADMINISTRATION & DOSAGE

Infusion rates for I.V. anaesthesia [letter] Dundee JW, et al. **Br J Anaesth** 1985 Feb;57(2):234-5

Rectal methohexitone induction in pediatric outpatients: physostigmine does not enhance recovery. Hannallah RS, et al. **Can Anaesth Soc J** 1985 May;32(3 Pt 1):231-4

Age influences the minimum infusion rate (ED50) for continuous infusions of Althesin and methohexitone. Sear JW, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):319-25

BLOOD

Methohexital plasma concentrations in children following rectal administration. Liu LM, et al. **Anesthesiology** 1985 May;62(5):567-70

Pharmacokinetics of intravenous and [illegible]ramuscular methohexitone in dogs. Pinaud M, et al. **Eur J Anaesthesiol** 1984 Mar;1(1):55-62

METABOLISM

The pharmacokinetics of methohexital in young and elderly subjects. Ghoneim MM, et al. **Acta Anaesthesiol Scand** 1985 Jul;29(5):480-2

Comparative pharmacokinetics and anesthetic effects of methohexital, pentobarbital, thiamylal, and thiopental in Greyhound dogs and non-Greyhound, mixed-breed dogs. Sams RA, et al. **Am J Vet Res** 1985 Aug;46(8):1677-83

PHARMACODYNAMICS

Comparison of the ventilatory effects of etomidate and methohexital. Choi SD, et al. **Anesthesiology** 1985 Apr; 62(4):442-7

The hemodynamic consequences of high-dose methohexital anesthesia in humans. Todd MM, et al. **Anesthesiology** 1984 Nov;61(5):495-501

Hyperpolarization produced by methohexitone in the chick biventer cervicis skeletal muscle. Wali FA. **Pharmacol Res Commun** 1984 Sep;16(9):945-56

[Effect of an introductory dose of etomidate, methohexital and midazolam on adrenal cortex function before and after ACTH-stimulation] Börner U, et al. **Dtsch Med Wochenschr** 1985 May 10;110(19):750-2 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Methohexital sedation of children undergoing CT scan. Varner PD, et al. **Anesth Analg** 1985 Jun;64(6):643-5

METHOHEXITONE see **METHOHEXITAL**

METHOMYL see under **INSECTICIDES, CARBAMATE**

METHOPRENE see under **JUVENILE HORMONES**

METHOPYRAPONE see **METYRAPONE**

METHOTREXATE

ADMINISTRATION & DOSAGE

Low-dose methotrexate treatment of rheumatoid arthritis. Long-term observations. Weinstein A, et al. **Am J Med** 1985 Sep;79(3):331-7

Methotrexate. II. Use in pediatric chemotherapy. Lippens RJ. **Am J Pediatr Hematol Oncol** 1984 Winter;6(4):397-413 (63 ref.)

Weekly pulse methotrexate in rheumatoid arthritis. Clinical and immunologic effects in a randomized, double-blind study. Andersen PA, et al. **Ann Intern Med** 1985 Oct; 103(4):489-96

Antibodies as carriers of cancer chemotherapeutic agents. Ghose T, et al. **Ann NY Acad Sci** 1985;446:213-27

New methodology for liposome targeting to specific cells. Papahadjopoulos D, et al. **Ann NY Acad Sci** 1985;446:341-8

High-dose methotrexate with leucovorin rescue: effectiveness in relapsed hairy cell leukemia. Joosten P, et al. **Blood** 1985 Jul;66(1):241-2

Treatment of lymphomatoid papulosis with methotrexate [letter] Everett MA. **Br J Dermatol** 1984 Nov;111(5):631

Evaluation of the efficacy of oral methotrexate in the prevention of recurrence of superficial bladder tumours. Nogueira March JL, et al. **Br J Urol** 1985 Jun;57(3):306-7

Kinetics of 7-hydroxy-methotrexate after high-dose methotrexate therapy. Erttmann R, et al. **Cancer Chemother Pharmacol** 1985;15(2):101-4

Conjugation of methotrexate to IgG antibodies and their F(ab)2 fragments and the effect of conjugated methotrexate on tumor growth in vivo. Kulkarni PN, et al. **Cancer Immunol Immunother** 1985;19(3):211-4

Methotrexate: bioavailability and pharmacokinetics. Campbell MA, et al. **Cancer Treat Rep** 1985 Jul-Aug; 69(7-8):833-8

Sequential methotrexate and 5-FU in breast cancer resistant to the conventional application of these drugs. Herrmann R, et al. **Cancer Treat Rep** 1984 Oct;68(10):1279-81

Mitomycin and methotrexate: negative experience in untreated colorectal carcinoma. Wernz JC, et al. **Cancer Treat Rep** 1985 Feb;69(2):223-4

The effect of methotrexate pretreatment on 5-fluorouracil kinetics in sarcoma 180 in vivo. Herrmann R, et al. **Eur J Cancer Clin Oncol** 1985 Jun;21(6):753-8

Intermediate dose methotrexate and sequential L-asparaginase for treatment of refractory acute lymphocytic leukaemia. Shetty PA, et al. **Indian J Cancer** 1984 Mar-Apr;21(1):45-9

7-Hydroxy-methotrexate and clinical toxicity following high-dose methotrexate therapy. Erttmann R, et al. **J Cancer Res Clin Oncol** 1985;109(1):86-8

Remission induction of meningeal leukemia with high-dose intravenous methotrexate. Balis FM, et al. **J Clin Oncol** 1985 Apr;3(4):485-9

Therapy of CNS leukemia with intraventricular chemotherapy and low-dose neuraxis radiotherapy. Steinherz P, et al. **J Clin Oncol** 1985 Sep;3(9):1217-26

Studies of methotrexate-monoclonal antibody conjugates for immunotherapy. Kanellos J, et al. **JNCI** 1985 Aug; 75(2):319-32

Efficacy of low-dose methotrexate in rheumatoid arthritis. Weinblatt ME, et al. **N Engl J Med** 1985 Mar 28; 312(13):818-22

Combined radiation and drugs: the effect of intra-arterial chemotherapy followed by radiotherapy in head and neck cancer. Arcangeli G, et al. **Radiother Oncol** 1983 Nov; 1(2):101-7

High-dose methotrexate-leucovorin rescue therapy: selected application in non-Hodgkin's lymphoma. Rizzoli V, et al. **Tumori** 1985 Apr 30;71(2):155-8

Limb-salvage procedure in two patients with spindle cell carcinoma of the lower extremities using isolation perfusion. Vaglini M, et al. **Tumori** 1985 Jun 30;71(3):271-5

[Use of a lumbar Ommaya reservoir for chemotherapy and analgesia] Poulain P, et al. **Cah Anesthesiol** 1985 Jan-Feb; 33(1):21-2 **(Fre)**

[Use of Ommaya reservoirs in the treatment of meningeal relapse of acute lymphoblastic leukemia] Janvier M, et al. **Nouv Rev Fr Hematol** 1984;26(5):295-8 (Eng. Abstr.) **(Fre)**

[Ovarian carcinoma: surgery and polychemotherapy with cisplatin. Considerations on a clinical case] Moresco L, et al. **Chir Ital** 1983 Feb;35(1):71-6 (Eng. Abstr.) **(Ita)**

[Therapeutic effect of sequential doses of methotrexate (MTX) and 5-fluorouracil (5-FU) in advanced gastric cancer: comparison of intermediate-dose MTX with high-dose MTX] Akazawa S, et al. **Gan To Kagaku Ryoho** 1985 Jan;12(1):91-8 (Eng. Abstr.) **(Jpn)**

[Intra-arterial infusion chemotherapy for non-resectable pancreatic cancer using angiotensin-II and prostaglandin-E1] Ishikawa O, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):235-44 (Eng. Abstr.) **(Jpn)**

[High-dose treatment] Takaku F. **Gan To Kagaku Ryoho** 1985 Apr;12(4):830-8 (Eng. Abstr.) **(Jpn)**

[Studies on high-dose methotrexate with citrovorum factor rescue therapy in children: analysis of bone marrow cell kinetics by flow cytometry] Tsurusawa M, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1827-32 (Eng. Abstr.) **(Jpn)**

[Evaluation of two methods of maintenance chemotherapy with methotrexate and 6-mercaptopurine for childhood acute lymphoblastic leukemia] Kawai S, et al. **Rinsho Ketsueki** 1984 Jun;25(6):819-26 (Eng. Abstr.) **(Jpn)**

[Results of intrathecal administration of methotrexate in patients with metastases to the brain and spinal cord] Pawlicki M, et al. **Nowotwory** 1984 Oct-Dec;34(4):359-64 (Eng. Abstr.) **(Pol)**

[Photochemotherapy combined with low-dose methotrexate in severe forms of psoriasis] Dovzhanskiĭ SI, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):61-3 (Eng. Abstr.) **(Rus)**

[Evaluation of the efficacy of oral methotrexate in the prophylaxis of recurrences of superficial tumors of the bladder] Nogueira March JL, et al. **Actas Urol Esp** 1984 Sep-Oct;8(5):391-4 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Vascular changes of methotrexate-related disseminated necrotizing leukoencephalopathy. Suzuki K, et al. **Acta Neuropathol (Berl)** 1984;65(2):145-9

Changes in liver histology during methotrexate therapy of psoriasis correlated to the concentration of methotrexate and folate in erythrocytes. Hendel J, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):321-6

Megaloblastic anaemia in psoriatic patients treated with methotrexate [letter] Dodd HJ, et al. **Br J Dermatol** 1985 May;112(5):630-1

Incidence of hypertension after marrow transplantation among 112 patients randomized to either cyclosporine or methotrexate as graft-versus-host disease prophylaxis. Loughran TP Jr, et al. **Br J Haematol** 1985 Mar; 59(3):547-53

Complications of chemotherapy [clinical conference] Cairncross JG, et al. **Can J Neurol Sci** 1985 May; 12(2):149-53

Transient neurologic disturbances induced by high-dose methotrexate treatment. Jaffe N, et al. **Cancer** 1985 Sep 15;56(6):1356-60

Transient neurologic dysfunction following moderate-dose methotrexate for undifferentiated lymphoma. Martino RL, et al. **Cancer** 1984 Nov 1;54(9):2003-5

Hepatotoxicity of prolonged methotrexate therapy for rheumatoid arthritis. Mackenzie AH. **Cleve Clin Q** 1985 Summer;52(2):129-35

Methotrexate maintenance therapy and liver damage in psoriasis. van de Kerkhof PC, et al. **Clin Exp Dermatol** 1985 May;10(3):194-200

Low incidence of hepatotoxicity associated with long-term, low-dose oral methotrexate in treatment of refractory psoriasis, psoriatic arthritis, and rheumatoid arthritis. An acceptable risk/benefit ratio. Lanse SB, et al. **Dig Dis Sci** 1985 Feb;30(2):104-9

Two patterns of skin ulceration induced by methotrexate in patients with psoriasis. Lawrence CM, et al. **J Am Acad Dermatol** 1984 Dec;11(6):1059-65

Predictive value of HLA antigen for methotrexate-induced liver damage in patients with psoriasis. Pestana A, et al. **J Am Acad Dermatol** 1985 Jan;12(1 Pt 1):26-9

High-dose methotrexate-induced neurotoxicity associated with elevation of CSF myelin basic protein [letter] Neijstrom E, et al. **J Clin Oncol** 1985 Apr;3(4):593-4

Central nervous system morbidity following an initial isolated central nervous system relapse and its subsequent therapy in childhood acute lymphoblastic leukemia. Ochs JJ, et al. **J Clin Oncol** 1985 May;3(5):622-6

Sister chromatid exchange in patients treated with methotrexate for psoriasis. Lindskov R, et al. **J Invest Dermatol** 1984 May;82(5):458-9

Methotrexate induced false photosensitivity reaction. Neiman RA, et al. **J Rheumatol** 1985 Apr;12(2):354-5

MMIE malpractice claim review. Oncology. MMIE Risk Management Committee. **Minn Med** 1985 Aug;68(8):631

Case 6-1985: progressive pneumonitis after chemotherapy for breast cancer [letter] **N Engl J Med** 1985 Jul 4; 313(1):49-50

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 6-1985. Progressive pneumonitis after chemotherapy for breast carcinoma. **N Engl J Med** 1985 Feb 7;312(6):359-69

ANALOGS & DERIVATIVES

Effects of D,L-4-fluoroglutamic acid on glutamylation of methotrexate by hepatic cells in vitro. Galivan J, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2995-7

The effect of leucovorin on the synthesis of methotrexate poly-gamma-glutamates in the MCF-7 human breast cancer cell line. Kennedy DG, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2897-903

The effect of the rate of cell proliferation on the synthesis of methotrexate poly-gamma-glutamates in two human breast cancer cell lines. Kennedy DG, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3087-90

Inhibition of cell proliferation and dihydrofolate reductase by liposomes containing methotrexate-dimyristoylphosphatidylethanolamine derivatives and by the glycerophosphorylethanolamine analogs. Hashimoto K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):169-78

Synthesis and characterization of methotrexate-dimyristoylphosphatidylethanolamine derivatives and the glycerophosphorylethanolamine analogs. Hashimoto K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):163-8

Kinetics of 7-hydroxy-methotrexate after high-dose methotrexate therapy. Erttmann R, et al. **Cancer Chemother Pharmacol** 1985;15(2):101-4

Pharmacokinetics of methotrexate and 7-hydroxy-methotrexate in rabbits. Iven H, et al.

Cancer Chemother Pharmacol 1985;15(2):115-20

Cross resistance to esters of methotrexate in a doxorubicin-resistant subline of P388 murine leukemia. Ramu A, et al. **Cancer Chemother Pharmacol** 1985; 15(1):31-4

The pharmacokinetics of 7-hydroxymethotrexate following medium-dose methotrexate therapy. Stewart AL, et al. **Cancer Chemother Pharmacol** 1985;14(2):165-7

Formation of 7-hydroxymethotrexate polyglutamyl derivatives and their cytotoxicity in human chronic myelogenous leukemia cells, in vitro. Fabre G, et al. **Cancer Res** 1985 Jan;45(1):80-5

Characteristics of the formation and membrane transport of 7-hydroxymethotrexate in freshly isolated rabbit hepatocytes. Fabre G, et al. **Cancer Res** 1985 Mar; 45(3):1086-91

Prevention of methotrexate cytotoxicity by asparaginase inhibition of methotrexate polyglutamate formation. Jolivet J, et al. **Cancer Res** 1985 Jan;45(1):217-20

Sequence-dependent synergism between dichloromethotrexate and cisplatin in a human colon carcinoma cell line. Sobrero AF, et al. **Cancer Treat Rep** 1985 Mar;69(3):279-83

Radioimmunoassays of 7-hydroxymethotrexate and methotrexate. Bore P, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):135-49

Combination cisplatin and dichloromethotrexate in patients with advanced or recurrent cervical cancer: a preliminary report. Roberts JA, et al. **Gynecol Oncol** 1984 Oct; 19(2):194-7

Quantitative and qualitative effects of N10-methylfolate on high-affinity folate binding in human leukocytes. Holm J, et al. **Int J Vitam Nutr Res** 1984;54(2-3):195-7

Enhanced inhibition of thymidylate synthase by methotrexate polyglutamates. Allegra CJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9720-6

7-Hydroxy-methotrexate and clinical toxicity following high-dose methotrexate therapy. Erttmann R, et al. **J Cancer Res Clin Oncol** 1985;109(1):86-8

Determination of serum methotrexate and 7-hydroxymethotrexate concentrations. Method evaluation showing advantages of high-performance liquid chromatography. So N, et al. **J Chromatogr** 1985 Jan 11; 337(1):81-90

Formation of methotrexate polyglutamates in purified myeloid precursor cells from normal human bone marrow. Koizumi S, et al. **J Clin Invest** 1985 Mar;75(3):1008-14

Dichloromethotrexate--a critical reassessment. O'Dwyer PJ, et al. **J Clin Oncol** 1985 Aug;3(8):1148-53

Chemistry and antitumor evaluation of selected classical 2,4-diaminoquinazoline analogues of folic acid. Hynes JB, et al. **J Med Chem** 1985 Feb;28(2):209-15

A mechanism for the addition of multiple moles of glutamate by folylpolyglutamate synthetase. Moran RG, et al. **J Med Chem** 1984 Oct;27(10):1263-7

Syntheses and evaluation as antifolates of MTX analogues derived from 2, omega-diaminoalkanoic acids. Piper JR, et al. **J Med Chem** 1985 Aug;28(8):1016-25

Methotrexate analogues. 25. Chemical and biological studies on the gamma-tert-butyl esters of methotrexate and aminopterin. Rosowsky A, et al. **J Med Chem** 1985 May; 28(5):660-7

The reticulocytic rat: a model for analysis of methotrexate polyglutamate dynamics in situ. Krakower GR, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):43-7

gamma-Fluoromethotrexate: synthesis and biological activity of a potent inhibitor of dihydrofolate reductase with greatly diminished ability to form poly-gamma-glutamates. Galivan J, et al. **Proc Natl Acad Sci USA** 1985 May; 82(9):2598-602

ANALYSIS

Stability of cytarabine, methotrexate sodium, and hydrocortisone sodium succinate admixtures. Cheung YW, et al. **Am J Hosp Pharm** 1984 Sep;41(9):1802-6

The role of immunoassay in the analysis of microcontaminants in water samples. Aherne GW, et al. **Ecotoxicol Environ Safety** 1985 Feb;9(1):79-83

[Photosensitivity of aqueous solutions of methotrexate and ascorbic acid] Battelli G, et al. **Boll Chim Farm** 1983 Mar; 122(3):149-57 (Eng. Abstr.) **(Ita)**

BLOOD

Effects of nutritional depletion and repletion on plasma methotrexate pharmacokinetics. Mihranian MH, et al. **Cancer** 1984 Nov 15;54(10):2268-71

High-performance liquid chromatographic and enzyme-inhibition assays of methotrexate concentrations in serum from patients receiving high-dose therapy: tight binding of some methotrexate to a protein that could be dihydrofolate reductase. Iven H, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):825-32

Radioimmunoassays of 7-hydroxymethotrexate and methotrexate. Bore P, et al. **Clin Chim Acta** 1984 Aug 31; 141(2-3):135-49

Measurements of red blood cell methotrexate concentrations and lymphocyte subsets during therapy of rheumatoid arthritis. Duby S, et al. **Clin Exp Rheumatol** 1985 Jan-Mar; 3(1):5-9

Methotrexate levels, a guide to therapy? Edelman J, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):153-6

Methotrexate blood level monitoring. Remington HS, et al. **Drug Intell Clin Pharm** 1985 May;19(5):372-3

Pharmacokinetics of methotrexate in erythrocytes in psoriasis. Hendel J, et al. **Eur J Clin Pharmacol** 1984; 27(5):607-10

Pharmacokinetics in blood IV: unusual distribution, storage effect and metabolism of methotrexate. Lee MG, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Oct;22(10):530-7

Determination of serum methotrexate and 7-hydroxymethotrexate concentrations. Method evaluation showing advantages of high-performance liquid chromatography. So N, et al. **J Chromatogr** 1985 Jan 11; 337(1):81-90

Concentration and pH dependent steady-state volume of distribution of methotrexate estimated by a simple physiologically based method. Lui CY, et al. **J Pharmacokinet Biopharm** 1984 Dec;12(6):597-610

Systemic thermochemotherapy: toxicity and plasma pharmacokinetics of methotrexate and doxorubicin. Daly JM, et al. **J Surg Res** 1984 Nov;37(5):343-7

Measuring levels of methotrexate [letter] Allegra CJ, et al. **N Engl J Med** 1985 Jul 18;313(3):184

[Methotrexate levels in the blood and cerebrospinal fluid in children with acute lymphoid leukemia treated with medium doses of methotrexate] Borsi J, et al. **Orv Hetil** 1984 Oct 28;125(44):2667-8, 2671-3 (Eng. Abstr.) **(Hun)**

CEREBROSPINAL FLUID

Altered central nervous system pharmacology of methotrexate in childhood leukemia: another sign of meningeal relapse. Morse M, et al. **J Clin Oncol** 1985 Jan; 3(1):19-24

CHEMICAL SYNTHESIS

A mechanism for the addition of multiple moles of glutamate by folylpolyglutamate synthetase. Moran RG, et al. **J Med Chem** 1984 Oct;27(10):1263-7

METABOLISM

Methotrexate. I. Pharmacology and pharmacokinetics. Lippens RJ. **Am J Pediatr Hematol Oncol** 1984 Winter; 6(4):379-95 (120 ref.)

Induction of methotrexate release from rat hepatocytes in suspension by alpha-adrenergic agents: involvement of calcium and metabolic energy. Gewirtz DA, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):237-43

Use of non-physiological buffer systems in the analysis of methotrexate transport in L1210 cells. Henderson GB, et al. **Biochem Int** 1983 Apr;6(4):507-15

Effects of D,L-4-fluoroglutamic acid on glutamylation of methotrexate by hepatic cells in vitro. Galivan J, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2995-7

Protein binding as a component of drug interaction in cellular pharmacokinetic studies. Effects of probenecid on transport and accumulation of methotrexate in Ehrlich ascites tumor cells in vitro. Gewirtz DA, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):747-54

Inhibitory effects of probenecid on the individual transport routes which mediate the influx and efflux of methotrexate in L1210 cells. Henderson GB, et al. **Biochem Pharmacol** 1985 May 15;34(10):1725-9

Diurnal variation of methotrexate transport and accumulation in hepatocytes--a consequence of variations in cellular glutathione. Leszczyńska-Bisswanger A, et al. **Biochem Pharmacol** 1985 May 15;34(10):1635-8

Effect of depletion of cellular glutathione on methotrexate influx, efflux and retention in hepatocytes. Leszczyńska-Bisswanger A, et al. **Biochem Pharmacol** 1985 May 15;34(10):1627-34

Inhibition of dihydrofolate reductase, methotrexate transport, and growth of methotrexate-sensitive and -resistant L1210 leukemia cells in vitro by 5-substituted 2,4-diaminoquinazolines. Susten SS, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2163-7

The effect of elimination of macrophages on the tissue distribution of liposomes containing [3H]methotrexate. Claassen E, et al. **Biochim Biophys Acta** 1984 Dec 20; 802(3):428-34

Spatial distribution of dopamine, methotrexate and antipyrine during continuous intracerebral microperfusion. Sendelbeck SL, et al. **Brain Res** 1985 Mar 4;328(2):251-8

The distribution and elimination of methotrexate in mouse blood and brain after concurrent administration of polysorbate 80. Azmin MN, et al. **Cancer Chemother Pharmacol** 1985;14(3):238-42

Differential calcium leucovorin protection of human lymphoid cell lines from methotrexate. Browman GP, et al. **Cancer Chemother Pharmacol** 1985;15(2):105-10

Pharmacokinetics of methotrexate and 7-hydroxy-methotrexate in rabbits. Iven H, et al. **Cancer Chemother Pharmacol** 1985;15(2):115-20

Small intestinal transit time affects methotrexate absorption in children with acute lymphoblastic leukemia. Pearson AD, et al. **Cancer Chemother Pharmacol** 1985;14(3):211-5

Effects of single-dose and fractionated cranial irradiation on rat brain accumulation of methotrexate. Kamen BA, et al. **Cancer Res** 1984 Nov;44(11):5092-4

Clearance studies of methotrexate in dogs after multiple-rate infusion. Lui CY, et al. **Cancer Res** 1985 Apr;45(4):1545-8

Enhanced polyglutamylation of aminopterin relative to methotrexate in the Ehrlich ascites tumor cell in vitro. Matherly LH, et al. **Cancer Res** 1985 Mar;45(3):1073-8

[3H]Methotrexate loss from the rat brain following enhanced uptake by osmotic opening of the blood-brain barrier. Ohata M, et al. **Cancer Res** 1985 Mar;45(3):1092-6

Similar differential for total polyglutamylation and cytotoxicity among various folate analogues in human and murine tumor cells in vitro. Samuels LL, et al. **Cancer Res** 1985 Apr;45(4):1488-95

Effect of X-irradiation on the pharmacokinetics of methotrexate in rats: alteration of the blood-brain barrier. Storm AJ, et al. **Eur J Cancer Clin Oncol** 1985 Jun; 21(6):759-64

Clinical pharmacokinetics of 6-hour infusion of high-dose methotrexate. Preliminary trial of monitoring high infusion doses. Luyckx M, et al. **Eur J Clin Pharmacol** 1985; 28(4):457-62

Disulfide spacer between methotrexate and poly(D-lysine). A probe for exploring the reductive process in endocytosis. Shen WC, et al. **J Biol Chem** 1985 Sep 15;260(20):10905-8

A novel class of genetic variants of the L1210 cell up-regulated for folate analogue transport inward. Isolation, characterization, and degree of metabolic instability of the system. Sirotnak FM, et al. **J Biol Chem** 1984 Nov 10;259(21):13139-44

Effect of oral cholestyramine on the elimination of high-dose methotrexate. Erttmann R, et al. **J Cancer Res Clin Oncol** 1985;110(1):48-50

A mechanism for the addition of multiple moles of glutamate by folylpolyglutamate synthetase. Moran RG, et al. **J Med Chem** 1984 Oct;27(10):1263-7

Characterization of the multiple transport routes for methotrexate in L1210 cells using phthalate as a model anion substrate. Henderson GB, et al. **J Membr Biol** 1985; 85(3):263-8

The effect of non-ionic surfactant vesicle (niosome) entrapment on the absorption and distribution of methotrexate in mice. Azmin MN, et al. **J Pharm Pharmacol** 1985 Apr;37(4):237-42

Bayesian estimation and prediction of clearance in high-dose methotrexate infusions. Iliadis A, et al. **J Pharmacokinet Biopharm** 1985 Feb;13(1):101-15

Inhibitory effect of unconjugated bile acids on the enterohepatic circulation of methotrexate. Said HM, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):660-4

Pharmacokinetics of the poly-gamma-glutamyl metabolites of methotrexate in skin and other tissues of rats and hairless mice. Zimmerman CL, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):242-7

Uptake of methotrexate linked to polyclonal and monoclonal antimelanoma antibodies by a human melanoma cell line. Uadia P, et al. **JNCI** 1985 Jan;74(1):29-35

Regiospecific gamma-conjugation of methotrexate to poly(L-lysine). Chemical and biological studies. Rosowsky A, et al. **Mol Pharmacol** 1985 Jan;27(1):141-7

Effects of total body irradiation followed by bone marrow transplantation on the disposition kinetics of methotrexate in the rat. Buice RG, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan; 47(1):123-32

Decreased intestinal absorption of methotrexate in the rat following repeated oral dosing. Sonneveld P, et al. **Res Commun Chem Pathol Pharmacol** 1985 Apr;48(1):133-6

[Clinical pharmacokinetics of high dose methotrexate] Zhang XG, et al. **Yao Hsueh Hsueh Pao** 1983 Nov;18(11):801-7 (Eng. Abstr.) **(Chi)**

[6-Mercaptopurine and methotrexate, rational use in sight after 35 years?] Bökkerink JP, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):118-23 (Eng. Abstr.) **(Dut)**

[Dye concentration measurements for the determination of leakage during and following normothermic cytostatic perfusion in the treatment of tumors of the extremities] Krauss J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):269-74 (Eng. Abstr.) **(Ger)**

[Pharmacokinetics of intravenous methotrexate in children with neoplasms of the hematopoietic system] Hermann T, et al. **Pol Tyg Lek** 1984 May 21;39(21):713-6 (Eng. Abstr.) **(Pol)**

[Effect of methylcobalamin on methotrexate transport in normal and tumorous tissues] Miasishcheva NV, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):736-8 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of methotrexate, ampicillin and gentamicin alone and in combination on the in vitro locomotion on human polymorphonuclear cells (PMN). Melby K, et al. **Acta Pathol Microbiol Immunol Scand [C]** 1984 Oct; 92(5):331-3

Methotrexate-leucovorin synchronization of human bone marrow cultures. Induction of high-resolution R- and G-banding. Rønne M. **Anticancer Res** 1985 Mar-Apr; 5(2):171-2

Methotrexate-leucovorin synchronization of human lymphocyte cultures. Induction of high resolution R- and G-banding. Rønne M, et al. **Anticancer Res** 1984 Nov-Dec; 4(6):357-60

Induction of mitochondrial mutations in human cells by methotrexate. Hoar DI, et al. **Basic Life Sci** 1985;31:265-82

Agents which decrease intracellular thymidine pools cause an augmentation in human natural killer activity in vitro.

Matheson DS, et al. **Basic Life Sci** 1985;31:461-4

Methotrexate-resistant human promyelocytic leukemia (HL-60) cells express a dihydrofolate reductase with altered properties associated with increased enzyme activity. Dedhar S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):536-45

Increased dihydrofolate reductase activity in methotrexate-resistant human promyelocytic-leukaemia (HL-60) cells. Lack of correlation between increased activity and overproduction. Dedhar S, et al. **Biochem J** 1985 Feb 1;225(3):609-17

Purification and characterization of the bifunctional thymidylate synthetase-dihydrofolate reductase from methotrexate-resistant Leishmania tropica. Meek TD, et al. **Biochemistry** 1985 Jan 29;24(3):678-86

Oestrogen receptor status and the response of human breast cancer cell lines to a combination of methotrexate and 17-beta oestradiol. Clarke R, et al. **Br J Cancer** 1985 Mar; 51(3):365-9

Fifth Gordon Hamilton-Fairley memorial lecture. Methotrexate resistance and gene amplification: an experimental model for the generation of cellular heterogeneity. Schimke RT, et al. **Br J Cancer** 1985 Apr; 51(4):459-65

Thymidylate synthetase of human lymphocytes augmented in vitro by methotrexate. Haurani FI, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):29-33

Analysis of dihydrofolate reductase gene amplification in a methotrexate-resistant human tumor cell line. Meltzer PS, et al. **Cancer Genet Cytogenet** 1985 Aug;17(4):289-300

An evaluation of high resolution chromosome banding of hematologic cells by methotrexate synchronization and thymidine release. Morris CM, et al. **Cancer Genet Cytogenet** 1985 Jan 15;14(3-4):275-84

Quantitative analysis of chromosomal G-bands in human hematopoietic disorders by methotrexate synchronization technique. Okada M, et al. **Cancer Genet Cytogenet** 1984 Nov;13(3):225-37

Paradoxical effect of BW 301U, a lipophilic antifolate, on methotrexate-inhibitable deoxyuridine incorporation by human hematopoietic cells. Iland HJ, et al. **Cancer Res** 1985 Aug;45(8):3962-8

Evolution of methotrexate resistance of human acute lymphoblastic leukemia cells in vitro. Ohnuma T, et al. **Cancer Res** 1985 Apr;45(4):1815-22

Selective toxicity of a new lipophilic antifolate, BW301U, for methotrexate-resistant cells with reduced drug uptake. Taylor IW, et al. **Cancer Res** 1985 Mar;45(3):978-82

Electrostatic forces in the inhibition of dihydrofolate reductase by methotrexate. A field potential study. Komatsu K, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug; 32(8):3313-6

Modulation of fluoropyrimidine cytotoxicity by methotrexate or 5-methyltetrahydrofolate in human leukemia cells in vitro. Mini E, et al. **Chemioterapia** 1984 Dec;3(6):343-9

Regular pattern of karyotypic alterations accompanying gene amplification in Djungarian hamster cells: study of colchicine, adriablastin, and methotrexate resistance. Kopnin BP, et al. **Chromosoma** 1985;92(1):25-36

The activity of natural killer cells in patients with rheumatoid arthritis: I. The effect of drugs used in vivo. Russell AS, et al. **Clin Exp Rheumatol** 1984 Jul-Sep;2(3):227-9

Cytostatic agents and contact allergy: the efferent limb. Anderson CD, et al. **Contact Dermatitis** 1985 Jan; 12(1):24-32

Methotrexate effects on hepatic betaine levels in choline-supplemented and choline-deficient rats. Barak AJ, et al. **Drug Nutr Interact** 1982;1(4):275-8

The effect of methotrexate on homocysteine methylating agents in rat liver. Barak AJ, et al. **Drug Nutr Interact** 1982;1(4):303-6

Elimination or rescue of cells in culture by specifically targeted liposomes containing methotrexate or formyl-tetrahydrofolate. Machy P, et al. **EMBO J** 1984 Sep;3(9):1971-7

Changes in cell-substratum adhesion and nuclear-cytoskeletal anchorage during cytodifferentiation of BeWo choriocarcinoma cells. Friedman SJ, et al. **Exp Cell Res** 1984 Oct;154(2):386-93

Differential effects of antifolate on the development of brain parts in chick embryos. Zamenhof S. **Growth** 1985 Spring; 49(1):28-33

Topical methotrexate alters solute and water transport in the rat jejunum in vivo and rabbit ileum in vitro. Pinkerton CR, et al. **Gut** 1985 Jul;26(7):704-9

Development of methotrexate-resistant human choriocarcinoma cells in culture. Sekiya S, et al. **Gynecol Oncol** 1985 May;21(1):46-53

Nonrandom distribution of methotrexate-induced aberrations on human chromosomes. Detection of further folic acid sensitive fragile sites. Barbi G, et al. **Hum Genet** 1984; 68(4):290-4

Effect of methotrexate on the immune response in children with acute lymphatic leukaemia. O'Meara A, et al. **Immunopharmacology** 1985 Feb;9(1):33-8

Effects of high-dose methotrexate on rat alveolar and inflammatory macrophage populations. Zeller JM, et al. **Inflammation** 1984 Sep;8(3):231-9

Alteration of Streptococcus pneumoniae membrane properties by the folate analog methotrexate. Trombe MC. **J Bacteriol** 1984 Dec;160(3):849-53

Effects of 5-fluorouracil on dihydrofolate reductase and dihydrofolate reductase mRNA from methotrexate-resistant KB cells. Dolnick BJ, et al. **J Biol Chem** 1985 Mar 10;260(5):3006-14

Disulfide spacer between methotrexate and poly(D-lysine). A probe for exploring the reductive process in endocytosis. Shen WC, et al. **J Biol Chem** 1985 Sep 15;260(20):10905-8

Folate deficiency and in vitro palatogenesis II: Effects of methotrexate on rabbit palate fusion, folate pools, and dihydrofolate reductase activity. DePaola DP, et al. **J Craniofac Genet Dev Biol** 1984;4(4):321-7

The effect of methotrexate on in vitro immunoglobulin production. O'Meara AM, et al. **J Immunopharmacol** 1985; 7(2):235-45

A new method for studying cell growth in suspension, and its use to show that indomethacin enhances cell killing by methotrexate. Gaffen JD, et al. **J Pharm Pharmacol** 1985 Apr;37(4):261-3

In vitro sensitivity and resistance of cultured human squamous carcinoma cells to cis-platinum and methotrexate. Spiegel J, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):524-31

Biological effects of folic acid antagonists with antineoplastic activity. Jackson RC. **Pharmacol Ther** 1984;25(1):61-82 (139 ref.)

Inhibition of phosphoribosylaminoimidazolecarboxamide transformylase by methotrexate and dihydrofolic acid polyglutamates. Allegra CJ, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4881-5

Ultrastructural features of minute chromosomes in a methotrexate-resistant mouse 3T3 cell line. Hamkalo BA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1026-30

[In vitro activity of several cytostatic drugs against aerobic and anaerobic intestinal bacteria] Vetere A, et al. **Boll Ist Sieroter Milan** 1984;63(6):505-9 (Eng. Abstr.) **(Ita)**

[Effect promoting the rejection of an allograft of skin in rabbits treated with a high dose of amethopterin] Lanza V, et al. **Chir Ital** 1983 Aug;35(4):514-8 (Eng. Abstr.) **(Ita)**

[The effect of methotrexate on intracellular nucleotide pools] Kawasaki H, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):485-92 (Eng. Abstr.) **(Jpn)**

[Isolation and properties of methotrexate-resistant choriocarcinoma cells in vitro] Kaiho T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Dec; 36(12):2517-24 (Eng. Abstr.) **(Jpn)**

[Establishment of methotrexate-resistant human gestational choriocarcinoma cells in culture and analysis of mechanism of resistance] Tanaka K. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Nov; 36(11):2129-37 (Eng. Abstr.) **(Jpn)**

[In vitro cytotoxicity of methotrexate] Maehara S. **Nippon Seikeigeka Gakkai Zasshi** 1984 Jul;58(7):677-84 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Cytostatic agents. Roenigk HH. **Acta Derm Venereol [Suppl] (Stockh)** 1984;112:43-54

Lack of effect of methotrexate on human head and neck tumours transplanted in athymic nude mice. Braakhuis BJ, et al. **Acta Otolaryngol (Stockh)** 1985 Mar-Apr; 99(3-4):208-13

The role of methotrexate in the chemotherapy of gestational trophoblastic neoplasms. Sobrero A, et al. **Adv Exp Med Biol** 1984;176:343-54

Response of osteosarcoma to preoperative intravenous high-dose methotrexate chemotherapy: CT evaluation. Mail JT, et al. **AJR** 1985 Jan;144(1):89-93

Methotrexate with citrovorum factor rescue in gestational trophoblastic disease. Wong LC, et al. **Am J Obstet Gynecol** 1985 May 1;152(1):59-62

Methotrexate treatment of rheumatoid arthritis [editorial] Willkens RF. **Ann Intern Med** 1985 Oct;103(4):612-3

Methotrexate and etretinate in the treatment of psoriasis [letter] Vanderveen EE, et al. **Arch Dermatol** 1984 Dec; 120(12):1555-6

Treatment of C3H mice bearing solid Gardner lymphosarcoma with vaccine prepared from Corynebacterium parvum combined with methotrexate and Alexan. Motyčka K, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(4):413-9

Comparison of low-dose oral pulse methotrexate and placebo in the treatment of rheumatoid arthritis. A controlled clinical trial. Williams HJ, et al. **Arthritis Rheum** 1985 Jul; 28(7):721-30

Marrow transplantation for chronic myelocytic leukemia: a controlled trial of cyclosporine versus methotrexate for prophylaxis of graft-versus-host disease. Storb R, et al. **Blood** 1985 Sep;66(3):698-702

Graft-versus-host disease prophylaxis with anti-T-cell monoclonal antibody OKT3, prednisone and methotrexate in allogeneic bone-marrow transplantation. Filipovich AH, et al. **Br J Haematol** 1985 May;60(1):143-52

Treatment of invasive bladder cancer by local resection and high dose methotrexate. Hall RR, et al. **Br J Urol** 1984 Dec;56(6):668-72

Intravesical methotrexate in the treatment of superficial bladder cancer. Smith G, et al. **Br J Urol** 1984 Dec; 56(6):663-7

The treatment of bilateral ulcerated lymph node metastases from carcinoma of the penis. A case report. Abratt RP. **Cancer** 1984 Oct 15;54(8):1720-2

A randomized prospective comparison of methotrexate with a combination of methotrexate, bleomycin, and cisplatin in head and neck cancer. Vogl SE, et al. **Cancer** 1985 Aug 1;56(3):432-42

The pharmacokinetics of 7-hydroxymethotrexate following medium-dose methotrexate therapy. Stewart AL, et al. **Cancer Chemother Pharmacol** 1985;14(2):165-7

Comparison of methotrexate and cisplatin for patients with advanced squamous cell carcinoma of the head and neck region: a Southwest Oncology Group Study. Grose WE, et al. **Cancer Treat Rep** 1985 Jun;69(6):577-81

New folate analogs of the 10-deaza-aminopterin series: markedly increased antitumor activity of the 10-ethyl analog compared to the parent compound and methotrexate against some human tumor xenografts in nude mice. Schmid FA, et al. **Cancer Treat Rep** 1985 May;69(5):551-3

Acute phase glycoproteins in sera of patients with sarcomas receiving methotrexate infusion therapy. Yap AK, et al. **Clin Biochem** 1985 Feb;18(1):70-2

Invasive nasal sarcoidosis treated with methotrexate. Fenton DA, et al. **Clin Exp Dermatol** 1985 May;10(3):279-83

Impact of methotrexate therapy on the folate status of psoriatic patients. Hendel J, et al. **Clin Exp Dermatol** 1985 Jan;10(1):30-5

Methotrexate: its use in the rheumatic diseases. Bookbinder SA, et al. **Clin Exp Rheumatol** 1984 Apr-Jun;2(2):185-93 (71 ref.)

Methotrexate. Christophidis N. **Clin Rheum Dis** 1984 Aug; 10(2):401-15

The use of methotrexate in rheumatoid arthritis. Letendre PW, et al. **Drug Intell Clin Pharm** 1985 May;19(5):349-58 (65 ref.)

Psoriasis before and after methotrexate (MXT) treatment. 1. The Golgi apparatus and phosphatases. Ramadan AA, et al. **Folia Morphol (Praha)** 1984;32(3):257-9

Mouse Lewis lung carcinoma and hepatoma ascites treatment by combination of liposome chemotherapy and non-specific immunotherapy. Patel KR, et al. **Int J Cancer** 1984 Nov 15;34(5):717-23

Adjuvant chemotherapy in osteogenic sarcoma [letter] Jaffe N. **J Clin Oncol** 1984 Oct;2(10):1179-81

Functional and structural changes of the human proximal small intestine after cytotoxic therapy. Cunningham D, et al. **J Clin Pathol** 1985 Mar;38(3):265-70

The role of chemotherapy in untreated squamous-cell carcinoma of the head and neck. Bahadur S, et al. **J Laryngol Otol** 1984 Nov;98(11):1115-9

Acute changes in blood-CSF barrier permselectivity to serum proteins after intrathecal methotrexate and CNS irradiation. Livrea P, et al. **J Neurol** 1985;231(6):336-9

A controlled two-centre trial of parenteral methotrexate therapy for refractory rheumatoid arthritis. Thompson RN, et al. **J Rheumatol** 1984 Dec;11(6):760-3

Enhanced tumor response to cycle-specific chemotherapy by pulse total parenteral nutrition. Torosian MH, et al. **J Surg Res** 1985 Aug;39(2):103-13

Methotrexate for rheumatoid arthritis [letter] **N Engl J Med** 1985 Sep 5;313(10):639-40

Methotrexate in rheumatoid arthritis [editorial] Klippel JH, et al. **N Engl J Med** 1985 Mar 28;312(13):853-4

Dermatologic uses of methotrexate in children: indications and guidelines. Paller AS. **Pediatr Dermatol** 1985 Mar; 2(3):238-43 (51 ref.)

Immunologic heterogeneity of dihydrofolate reductase from methotrexate sensitive and resistant L1210 leukemia cells. Iqbal MP, et al. **Proc Soc Exp Biol Med** 1985 Oct; 180(1):98-102

Methotrexate in superficial bladder cancer--what happens to the drug? Hall RR, et al. **Prog Clin Biol Res** 1985; 185B:105-10

Methotrexate for superficial bladder cancer. Hall RR. **Prog Clin Biol Res** 1985;185B:143-9

Efficacy of a short course (four doses) of methotrexate following bone marrow transplantation for prevention of graft-versus-host disease. Smith BR, et al. **Transplantation** 1985 Mar;39(3):326-9

Radical cystectomy and adjuvant chemotherapy. Hill DE, et al. **Urology** 1985 Feb;25(2):151-4

[Therapy of leukemia in rats using a conjugate of specific immunoglobulin and albumin-methotrexate] Storek J. **Sb Lek** 1985 May;87(5):121-7 (Eng. Abstr.) **(Cze)**

[Value of preoperative chemotherapy in the treatment of invasive cancer of the bladder] Denis L, et al. **Acta Urol Belg** 1984;52(4):579-82 (Eng. Abstr.) **(Fre)**

[Oral methotrexate therapy: pro and con] Zachariae H. **Hautarzt** 1985 Jan;36(1):10-2 (Eng. Abstr.) **(Ger)**

[Platelet function and high-dose methotrexate treatment with citrovorum factor rescue] Städtler R, et al. **Onkologie** 1984 Aug;7(4):238-42 (Eng. Abstr.) **(Ger)**

[Xenogeneic transplantation of human malignant melanoma under high-dose immunosuppression] Bittner H, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(4):230-5 (Eng. Abstr.) **(Ger)**

[MTX-BLM therapy for squamous cell carcinoma of the oral cavity] Yamamoto E, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2496-501 (Eng. Abstr.) **(Jpn)**

[Role of chemotherapy in management of molar pregnancy] Kanazawa K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Feb 20;19(1):32-6 (Eng. Abstr.) **(Jpn)**

[Studies on combined effect of hyperthermia and MTX to choriocarcinoma cell line (BeWo)] Sagawa T, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 Jan;37(1):61-5

(Eng. Abstr.) **(Jpn)**

[Gestation posterior to choriocarcinoma] Andrade Vargas A, et al. **Ginecol Obstet Mex** 1984 Jul;52(327):179-82 (Eng. Abstr.) **(Spa)**

[Chemotherapy in gestational trophoblastic disease] Martinez L, et al. **Rev Chil Obstet Ginecol** 1981;46(3):128-33 (Eng. Abstr.) **(Spa)**

TOXICITY

Methotrexate-related deaths in patients previously treated with cis-diamminedichloride platinum. Haim N, et al. **Cancer Chemother Pharmacol** 1984;13(3):223-5

Prevention of methotrexate cytotoxicity by asparaginase inhibition of methotrexate polyglutamate formation. Jolivet J, et al. **Cancer Res** 1985 Jan;45(1):217-20

Cytotoxic effects of folate antagonists against methotrexate-resistant human leukemic lymphoblast CCRF-CEM cell lines. Mini E, et al. **Cancer Res** 1985 Jan;45(1):325-30

Molecular and karyological analysis of methotrexate-resistant and -sensitive human leukemic CCRF-CEM cells. Mini E, et al. **Cancer Res** 1985 Jan;45(1):317-24

Influence of concomitant infusion of thymidine and inosine on methotrexate activity in normal and P388-bearing mice. Uitendaal MP, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1527-32

Similar 150-kilobase DNA sequences are amplified in independently derived methotrexate-resistant Chinese hamster cells. Montoya-Zavala M, et al. **Mol Cell Biol** 1985 Apr;5(4):619-27

Accumulation of DNA strand breaks and methotrexate cytotoxicity. Li JC, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5694-8

Potentiation of methotrexate-induced gastrointestinal toxicity by non-steroidal anti-inflammatory drugs (NSAIDs) and vincristine. Badr MZ, et al. **Toxicology** 1985 Mar 29;34(4):333-40

[Ribamidyl (ribavirin) as a modulator of the biological action of arabinosylcytosine and methotrexate] Lobova TG, et al. **Eksp Onkol** 1985;7(3):63-5 (Eng. Abstr.) **(Rus)**

METHOTRIMEPRAZINE

ADVERSE EFFECTS

Drug-induced repetitive sharp EEG discharges in multi-infarct dementia. van Sweden B. **Gerontology** 1984;30(6):397-402

[Clinico-humoral manifestations secondary to treatment with injectable Tisercin] Gheorghe M, et al. **Rev Med Interna [Neurol Psihiatr]** 1985 Jan-Mar;30(1):71-2 **(Rum)**

POISONING

Resin haemoperfusion in levomepromazine poisoning: evaluation of effect on plasma drug and metabolite levels. Hals PA, et al. **Hum Toxicol** 1984 Dec;3(6):497-503

[A case of mixed lithium and phenothiazine poisoning with a fatal outcome] Cavaliere F, et al. **Recenti Prog Med** 1984 Oct;75(10):877-82 (Eng. Abstr.) **(Ita)**

[Naloxone and endogenous opiates in shock] Nielsen JV, et al. **Lakartidningen** 1984 Oct 10;81(41):3717-8 **(Swe)**

METHOXAMEDRIN see METHOXAMINE

METHOXAMINE

ANTAGONISTS & INHIBITORS

Inhibition of methoxamine-induced bronchoconstriction by ipratropium bromide and disodium cromoglycate in asthmatic subjects. Black J, et al. **Br J Clin Pharmacol** 1985 Jul;20(1):41-6

PHARMACODYNAMICS

Effects of loading conditions and contractile state (methoxamine and dobutamine) on left ventricular early diastolic function in normal subjects. Colan SD, et al. **Am J Cardiol** 1985 Mar 1;55(6):790-6

The action of prazosin and propylene glycol on methoxamine-induced bronchoconstriction in asthmatic subjects. Black JL, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):349-53

Comparison of the effects of chronic administration of ciclazindol and desipramine on pupillary responses to tyramine, methoxamine and pilocarpine in healthy volunteers. Kerr FA, et al. **Br J Clin Pharmacol** 1985 May;19(5):639-47

Effect of methoxamine on spontaneous motility of the isolated rat uterus. Estañ L, et al. **Gynecol Obstet Invest** 1985;19(1):53-6

Effect of prostaglandin F2 alpha, phenylephrine and ergonovine on uterine contractions in the ewe. Hawk HW, et al. **J Anim Sci** 1985 Feb;60(2):537-43

Effects of adrenergic agonists on electrolyte transport in perfused salivary duct of rat. Jirakulsomchok D, et al. **J Auton Nerv Syst** 1984 Nov;11(3):233-41

Contribution of extracellular and intracellular calcium to the enhanced effect of an alpha-adrenergic agonist on amylase release from dispersed rat parotid cells. Takemura H, et al. **J Dent Res** 1985 Jun;64(6):881-5

Inhibitory effects of norepinephrine, methoxamine and phenylephrine on renin release from rat kidney cortical slices. Matsumura Y, et al. **J Pharmacol Exp Ther** 1985 Jun;233(3):782-7

The role of calcium ion in methoxamine-induced amylase release from parotid glands of euthyroid and hypothyroid rats. Hagino Y, et al. **Jpn J Pharmacol** 1985 Jan;37(1):133-6

Focal smooth muscle proliferation in the aortic intima produced by an initiation-promotion sequence. Majesky MW, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3450-4

Effects of methoxamine and alpha-adrenoceptor antagonists, prazosin and yohimbine, on the sleep-wake cycle of the rat. Pellejero T, et al. **Sleep** 1984;7(4):365-72

METHOXSALEN

Photochemistry of the furan-side 8-methoxypsoralen-thymidine monoadduct inside the DNA helix. Conversion to diadduct and to pyrone-side monoadduct. Tessman JW, et al. **Biochemistry** 1985 Mar 26;24(7):1669-76

ADMINISTRATION & DOSAGE

Comparison of serum levels and clinical results of PUVA therapy with three different dosage forms of 8-methoxypsoralen. Siddiqui AH, et al. **Arch Dermatol Res** 1984;276(5):343-5

Comparison of bioavailability and phototoxicity of two oral preparations of 5-methoxypsoralen. Stolk LM, et al. **Br J Dermatol** 1985 Apr;112(4):469-73

ADVERSE EFFECTS

Lenticular psoralen photoproducts and cataracts of a PUVA-treated psoriatic patient. Woo TY, et al. **Arch Dermatol** 1985 Oct;121(10):1307-8

Burn injury: sunlight and a single dose of methoxsalen. Smith RW, et al. **Burns Incl Therm Inj** 1984 Aug;10(6):420-1

8-methoxypsoralen-induced photo-onycholysis. Balato N, et al. **Photodermatol** 1984 Aug;1(4):202-3

[Severe skin burns caused by a photochemotherapeutic agent] Lohmann H, et al. **Derm Beruf Umwelt** 1985;33(3):102-3 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Identification of psoralen, 8-methoxypsoralen, isopimpinellin, and 5,7-dimethoxycoumarin in Pelea anisata H. Mann. Yoke Marchant Y, et al. **Contact Dermatitis** 1985 Apr;12(4):196-9

Preparation and characterization of thymidine-8-methoxypsoralen-tetramethylethylene photodiadducts. Shim SC, et al. **Photochem Photobiol** 1984 Aug;40(2):171-4

ANALYSIS

Quantitative determination of methoxsalen in human serum, suction blister fluid and epidermis by gas chromatography mass spectrometry. Huuskonen H, et al. **Photodermatol** 1984 Jun;1(3):137-40

Skin determination of the 8-methoxypsoralen concentration in rats. Van Boven M, et al. **Photodermatol** 1984 Oct;1(5):241-4

[Furocoumarins in essential oils. Identification and determination of 5-methoxypsoralen in sun products] Herpol-Borremans M, et al. **J Pharm Belg** 1985 May-Jun;40(3):147-58 (Eng. Abstr.) **(Fre)**

[Determination of 5-methoxypsoralen in suntan cosmetics] Blaas W, et al. **Z Lebensm Unters Forsch** 1985 Mar;180(3):230-3 (Eng. Abstr.) **(Ger)**

ANTAGONISTS & INHIBITORS

[Coumarin derivatives as protective agents against the cytotoxic and mutagenic effect of 5-methoxypsoralen and UV-A in Chlamydomonas reinhardii] Schimmer O. **Planta Med** 1984 Aug;50(4):316-9 (Eng. Abstr.) **(Ger)**

BLOOD

Variations in plasma levels with 12 different forms of methoxsalen [letter] Roelandts R, et al. **Arch Dermatol** 1984 Oct;120(10):1281-2

Standardizing 8-methoxypsoralen plasma profiles by using an emulsion form. Van Boven M, et al. **J Am Acad Dermatol** 1985 May;12(5 Pt 1):822-7

8-Methoxypsoralen plasma levels and phototoxic effect. De Bersaques J, et al. **Photodermatol** 1984 Apr;1(2):79-84

ISOLATION & PURIFICATION

Identification of psoralen, 8-methoxypsoralen, isopimpinellin, and 5,7-dimethoxycoumarin in Pelea anisata H. Mann. Yoke Marchant Y, et al. **Contact Dermatitis** 1985 Apr;12(4):196-9

METABOLISM

The metabolism of 8-methoxypsoralen by Saccharomyces cerevisiae. Evidence for an inducing effect of ethanol. Prognon P, et al. **Farmaco [Sci]** 1984 Sep;39(9):739-51

Photobinding of 3H 8-methoxypsoralen to monkey intraocular tissues. Lerman S, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1267-74

Absorption, distribution, and excretion of 8-methoxypsoralen in HRA/Skh mice. Muni IA, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:85-90

A pharmacokinetic comparison in dogs of seven brands of 8-MOP and five new formulations. Van Boven M, et al. **Photodermatol** 1985 Feb;2(1):27-31

Distribution and accumulation of radioactivity in mice following administration of 14C-8-MOP and 3H-8-MOP: an autoradiographic study. Wulf HC. **Photodermatol** 1984 Dec;1(6):293-7

In vitro metabolism of 8-methoxypsoralen. Sharp DE, et al. **Proc West Pharmacol Soc** 1984;27:255-8

[Deposition of 3H-8-MOP in the eye and skin by PUVA therapy] Grüntzig J, et al. **Fortschr Ophthalmol** 1985;82(3):228-30 (Eng. Abstr.) **(Ger)**

PHARMACODYNAMICS

Normal rate of DNA breakage in xeroderma pigmentosum complementation group E cells treated with 8-methoxypsoralen plus near-ultraviolet radiation. Bredberg A, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):268-71

DNA semi-conservative synthesis in normal and Fanconi anemia fibroblasts following treatment with 8-methoxypsoralen and near ultraviolet light or with X-rays. Moustacchi E, et al. **Hum Genet** 1985;70(3):236-42

Fanconi anaemia cells are not uniformly deficient in unhooking of DNA interstrand crosslinks, induced by mitomycin C or 8-methoxypsoralen plus UVA. Poll EH, et al. **Hum Genet** 1984;68(3):228-34

An action spectrum for 8-methoxypsoralen-sensitized inhibition of DNA synthesis in vivo. Kaidbey KH. **J Invest Dermatol** 1985 Aug;85(2):98-101

Further characterization of repair of 8-methoxypsoralen crosslinks in UV-excision-defective Escherichia coli. Bridges BA. **Mutat Res** 1984 Nov-Dec;132(5-6):153-60

Genetic control of the bypass of mono-adducts and of the repair of cross-links photoinduced by 8-methoxypsoralen in yeast. Chanet R, et al. **Mutat Res** 1985 May;145(3):145-55

Uvr-independent repair of 8-methoxypsoralen crosslinks in Escherichia coli: evidence for a recombinational process. Cupido M, et al. **Mutat Res** 1985 Sep;146(2):135-41

Repair of 8-methoxypsoralen induced DNA interstrand cross-links in Tetrahymena thermophila. The effect of inhibitors of macromolecular synthesis. Nielsen PE, et al. **Mutat Res** 1985 May;145(3):157-64

Monoclonal antibodies to DNA modified by 8-methoxypsoralen and ultraviolet A light. Santella RM, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2533-44

3-Carbethoxypyranocoumarin, a photoreactive derivative of xanthyletin with interesting photobiological properties. Averbeck D, et al. **Photochem Photobiol** 1985 Apr;41(4):401-8

Inhibition of DNA synthesis by psoralen-induced lesions in xeroderma pigmentosum and Fanconi's anemia fibroblasts. Gruenert DC, et al. **Photochem Photobiol** 1985 May;41(5):543-50

The Candida phototoxicity test. The sensitivity of different strains and species of Candida, standardization attempts and analysis of the dose-response curves for 5- and 8-methoxypsoralen. Knudsen EA. **Photodermatol** 1985 Apr;2(2):80-5

Thiopyronine and 8-methoxypsoralen sensitized photodynamic effect on DNA synthesis in yeast. Lochmann ER, et al. **Radiat Environ Biophys** 1985;24(2):157-60

[Loss of vitality of polymorphonuclear neutrophilic granulocytes due to 5- or 8-methoxypsoralen and UV radiation] Gast W, et al. **Dermatol Monatsschr** 1984;170(11):719-22 **(Ger)**

[Action spectra and morphological changes of L-929 cells in phototoxic reactions by photosensitizers] Numata T. **Nippon Hifuka Gakkai Zasshi** 1984 Oct;94(11):1265-76 **(Jpn)**

[Psoralen-photosensitized formation of free lipid radicals at 77 degrees K] Gavrilov VB, et al. **Biofizika** 1985 Mar-Apr;30(2):239-43 (Eng. Abstr.) **(Rus)**

[Distribution of spontaneous and 8-methoxypsoralen-induced sister chromatid exchanges along the length of the 1st chromosome of Chinese hamster cells] Evgrafov OV, et al. **Genetika** 1985 Apr;21(4):586-90 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Safety and therapeutic effectiveness of 8-methoxypsoralen, 4,5',8-trimethylpsoralen, and psoralen in vitiligo. Pathak MA, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:165-73

[Psoriasis phototherapy. Antipsoriatic efficacy of 8-methoxypsoralen and tar baths] Rowe E, et al. **Dermatol Monatsschr** 1985;171(3):180-4 (Eng. Abstr.) **(Ger)**

TOXICITY

Interaction of ionizing radiation and 8-methoxypsoralen photosensitization: some implications for risk assessment. Bridges BA. **Basic Life Sci** 1985;33:307-18

A strain of hairless mouse susceptible to tumorigenesis by TPA alone: studies with 8-methoxypsoralen and solar simulated radiation. Gibbs NK, et al. **Carcinogenesis** 1985 May;6(5):797-9

Isolation and analysis of a mutant of Escherichia coli hyper-resistant to near-ultraviolet light plus 8-methoxypsoralen. Ahmad SI, et al. **Mutat Res** 1985 Aug; 151(1):43-7

Genotoxic effects and DNA photoadducts induced in Chinese hamster V79 cells by 5-methoxypsoralen and 8-methoxypsoralen. Papadopoulo D, et al. **Mutat Res** 1985 Sep;151(2):281-91

Subchronic toxicity in rats administered oral 8-methoxypsoralen. Dunnick JK, et al. **Natl Cancer Inst Monogr** 1984 Dec;66:91-5

In vivo protective effect of beta-carotene against psoralen phototoxicity. Giles A Jr, et al. **Photochem Photobiol** 1985 Jun;41(6):661-6

P-METHOXYAMPHETAMINE see under **AMPHETAMINES**

METHOXYCHLOR

ANALOGS & DERIVATIVES

Role of hepatic monooxygenases in generating estrogenic metabolites from methoxychlor and from its identified contaminants. Bulger WH, et al. **Mol Pharmacol** 1985 Jan; 27(1):115-24

METABOLISM

The fate of methoxychlor in soils and transformation by soil microorganisms. Golovleva LA, et al. **J Environ Sci Health [B]** 1984 Aug;19(6):523-38

Role of hepatic monooxygenases in generating estrogenic metabolites from methoxychlor and from its identified contaminants. Bulger WH, et al. **Mol Pharmacol** 1985 Jan; 27(1):115-24

POISONING

[Effect of subacute Propotox M poisoning on acid phosphatase of rat lymphocytes] Jonderko G, et al. **Acta Haematol Pol** 1984 Jul-Dec;15(3-4):149-53 (Eng. Abstr.) **(Pol)**

TOXICITY

Alteration of behavioral sex differentiation by exposure to estrogenic compounds during a critical neonatal period: effects of zearalenone, methoxychlor, and estradiol in hamsters. Gray LE Jr, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):127-36

[Effect of Propotox M on the mucous membrane of the stomach in rats] Jonderko G, et al. **Z Gesamte Hyg** 1985 Feb;31(2):99-100 (Eng. Abstr.) **(Ger)**

METHOXYDIMETHYLTRYPTAMINES see under **SEROTONIN**

METHOXYFLURANE

Hepatitis due to repeated inhalation of methoxyflurane in subanaesthetic concentrations. Okuno T, et al. **Can Anaesth Soc J** 1985 Jan;32(1):53-5

ADMINISTRATION & DOSAGE

A methoxyflurane delivery system for stereotaxic surgery. Lasiter PS, et al. **Brain Res Bull** 1984 Sep;13(3):457-60

ADVERSE EFFECTS

[Massive oxalosis of the kidney in association with anesthesia using methoxyflurane] Marek J, et al. **Cesk Patol** 1984 Aug; 20(3):188-91 (Eng. Abstr.) **(Cze)**

BLOOD

Effect of temperature and age on the solubility of enflurane, halothane, isoflurane, and methoxyflurane in human blood. Eger RR, et al. **Anesth Analg** 1985 Jun;64(6):640-2

[Research on the pharmacokinetics of ftorotan and pemtrane in human blood using gas-liquid chromatography] Keda BI. **Farmakol Toksikol** 1985 Jan-Feb;48(1):39-43 (Eng. Abstr.) **(Rus)**

METABOLISM

Obligatory role of cytochrome b5 in the microsomal metabolism of methoxyflurane. Canova-Davis E, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1907-12

PHARMACODYNAMICS

Circulatory and respiratory effects of methoxyflurane in dogs: comparison of halothane. Steffey EP, et al. **Am J Vet Res** 1984 Dec;45(12):2574-9

[Effect of halogenated inhalational anesthetics on human liver mitochondrial function] Acalovschi I, et al. **Rev Chir [Chir]** 1984 Jul-Aug;33(4):309-18 (Eng. Abstr.) **(Rum)**

TOXICITY

Comparative effects of halothane, enflurane, and methoxyflurane on the incidence of abnormal development using sea urchin gametes as an in vitro model system. Hinkley RE Jr, et al. **Anesth Analg** 1985 Oct;64(10):1005-9

METHOXYHYDROXYMANDELIC ACID see **VANILMANDELIC ACID**

3-METHOXY-4-HYDROXYPHENYLETHANOL see under **CATECHOLS**

METHOXYHYDROXYPHENYLGLYCOL see under **GLYCOLS**

8-METHOXYPSORALEN see **METHOXSALEN**

METHOXYTRYPTAMINE see under **TRYPTAMINES**

METHSUXIMIDE see under **SUCCINIMIDES**

METHYL N-BUTYL KETONE see under **KETONES**

METHYL CHLORIDE

METABOLISM

DNA-binding assay of methyl chloride. Peter H, et al. **Arch Toxicol** 1985 Jun;57(2):84-7

Pharmacokinetics of inhaled methyl chloride (CH3Cl) in male volunteers. Nolan RJ, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):361-9

A physiological model for the pharmacokinetics of methylene chloride in B6C3F1 mice following i.v. administrations. Angelo MJ, et al. **J Pharmacokinet Biopharm** 1984 Aug; 12(4):413-36

TOXICITY

Reproduction in Fischer-344 rats exposed to methyl chloride by inhalation for two generations. Hamm TE Jr, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):568-77

Neurotoxicity of methyl chloride in continuously versus intermittently exposed female C57BL/6 mice. Landry TD, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):87-98

Assessment of the genotoxic effects of methyl chloride in human lymphoblasts. Fostel J, et al. **Mutat Res** 1985 Jan-Feb;155(1-2):75-81

An ultrastructural study of lesions induced in the cerebellum of mice by inhalation exposure to methyl chloride. Jiang XZ, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring; 6(1):93-103

Studies of lesions induced in the testis and epididymis of F-344 rats by inhaled methyl chloride. Chapin RE, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):328-43

Reproductive effects of inhaled methyl chloride in the male Fischer 344 rat. I. Mating performance and dominant lethal assay. Working PK, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):133-43

Reproductive effects of inhaled methyl chloride in the male Fischer 344 rat. II. Spermatogonial toxicity and sperm quality. Working PK, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):144-57

METHYL CYANIDES see **ACETONITRILES**

METHYL ETHERS

Isoflurane v fentanyl for outpatient laparoscopy. Rising S, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):251-5

Arterial to end-tidal CO2 tension and alveolar dead space in halothane- or isoflurane-anesthetized ponies. Meyer RE, et al. **Am J Vet Res** 1985 Mar;46(3):597-9

Anesthetic potency of nitrous oxide in young swine (Sus scrofa). Tranquilli WJ, et al. **Am J Vet Res** 1985 Jan; 46(1):58-60

Anaesthesia for translumbar aortography. Smith M, et al. **Anaesthesia** 1985 Jul;40(7):680-2

Isoflurane in paediatric anaesthesia. Induction and recovery from anaesthesia. Wren WS, et al. **Anaesthesia** 1985 Apr; 40(4):315-23

Atracurium infusion requirements in children during halothane, isoflurane, and narcotic anesthesia. Brandom BW, et al. **Anesth Analg** 1985 May;64(5):471-6

The effect of Fluosol-DA on induction of inhalation anesthesia. Chilcoat RT, et al. **Anesth Analg** 1985 Apr; 64(4):405-10

Respiratory sinus arrhythmia during recovery from isoflurane-nitrous oxide anesthesia. Donchin Y, et al. **Anesth Analg** 1985 Aug;64(8):811-5

Importance of anesthetic equivalence [letter] Merin RG. **Anesth Analg** 1985 Mar;64(3):381

Prolonged anesthesia with isoflurane [letter] Pearson J. **Anesth Analg** 1985 Jan;64(1):92-3

The jury is still out in the case of isoflurane versus halothane in neurosurgical patients [letter] Azar I, et al. **Anesthesiology** 1984 Dec;61(6):786-8

Potentiation of the combination of pancuronium and metocurine by halothane and isoflurane in humans with and without renal failure. Bennett MJ, et al. **Anesthesiology** 1985 Jun;62(6):759-64

MAC for halothane, enflurane, and isoflurane in the New Zealand white rabbit: and a test for the validity of MAC determinations. Drummond JC. **Anesthesiology** 1985 Mar; 62(3):336-8

Soda lime adsorption of isoflurane and enflurane. Grodin WK, et al. **Anesthesiology** 1985 Jan;62(1):60-4

Halothane, isoflurane, and enflurane MAC in pregnant and nonpregnant female and male mice and rats. Mazze RI, et al. **Anesthesiology** 1985 Mar;62(3):339-41

Isoflurane: the newest anesthetic agent. Wlody GS. **AORN J** 1984 Oct;40(4):568-71

Clinical comparison of inhalation anaesthetic agents. Jones RM. **Br J Anaesth** 1984;56 Suppl 1:57S-69S (84 ref.)

Clinical anaesthesia with isoflurane. A review of the multicentre study. Levy WJ. **Br J Anaesth** 1984;56 Suppl 1:101S-112S

Isoflurane as a routine anaesthetic in general surgical practice. Nunn JF. **Br J Anaesth** 1985 May;57(5):461-75

Hormonal and haemodynamic responses to upper abdominal surgery during isoflurane and balanced anaesthesia. Gelman S, et al. **Can Anaesth Soc J** 1984 Sep;31(5):509-16

Potency of isoflurane and nitrous oxide in conventional swine. Eisele PH, et al. **Lab Anim Sci** 1985 Feb;35(1):76-8

Isoflurane [editorial] **Lancet** 1985 Sep 7;2(8454):537-8

[Quality of recovery after general anesthesia with isoflurane or halothane] Ravussin P, et al. **Ann Fr Anesth Reanim** 1985;4(3):254-7 (Eng. Abstr.) **(Fre)**

[Isoflurane anesthesia in the Gottinger minipig. Hemodynamic and cardiac changes under controlled ventilation] Becker M, et al. **Anaesthesist** 1984 Aug; 33(8):377-83 (Eng. Abstr.) **(Ger)**

[Cardiovascular effects of isoflurane-nitrous oxide anesthesia in peripheral and abdominal surgical interventions] Stephan H, et al. **Anaesthesist** 1985 Mar;34(3):105-10 (Eng. Abstr.) **(Ger)**

[Isoflurane (Aerrane). A better inhalation anesthetic for horses?] Schatzmann U, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):186-9 (Eng. Abstr.) **(Ger)**

[Isoflurane: clinical experience in plastic surgery] D'Eramo C, et al. **Acta Biomed Ateneo Parmense** 1985;56(1):43-7 (Eng. Abstr.) **(Ita)**

[Isoflurane (Forane), a new inhalation anesthetic agent] Kayaba K, et al. **Masui** 1985 Jun;34(6):746-53 (Eng. Abstr.) **(Jpn)**

[Effect of isoflurane anesthesia on plasma levels of hormones and hemodynamic changes during and after open heart surgery] Murakawa T, et al. **Masui** 1985 Mar;34(3):301-6 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Effect of i.v. atropine on cardiac rhythm, heart rate, blood pressure and airway secretion during isoflurane anaesthesia. Valentin N, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):621-4

Self-administered isoflurane in labour. A comparative study with Entonox. McLeod DD, et al. **Anaesthesia** 1985 May; 40(5):424-6

ADVERSE EFFECTS

Enflurane, isoflurane and the eye. Earnshaw G. **Acta Anaesthesiol Scand** 1984 Aug;28(4):419-21

Isoflurane and enflurane in long anaesthesias for plastic microsurgery. Oikkonen M. **Acta Anaesthesiol Scand** 1984 Aug;28(4):412-8

A new method for clinical assessment of the negative inotropic action of anaesthetics--with special reference to isoflurane and its effect on myocardial oxygenation. Reiz S, et al. **Acta Anaesthesiol Scand** 1984 Aug;28(4):422-5

Seizure activity during isoflurane anesthesia. Hymes JA. **Anesth Analg** 1985 Mar;64(3):367-8

Isoflurane and hepatic dysfunction [letter] Lambert DH. **Anesth Analg** 1985 Apr;64(4):458-60

Isoflurane-fentanyl flush [letter] DesMarteau JK. **Anesthesiology** 1985 Jul;63(1):126

Are seizures caused by nitrous oxide or isoflurane? [letter] Eger EI 2d. **Anesthesiology** 1985 May;62(5):697-8

Seizure associated with induction of anesthesia with isoflurane. Poulton TJ, et al. **Anesthesiology** 1984 Oct; 61(4):471-6

[Post-anesthetic stage after inhalation of halothane, enflurane, isoflurane and nitrous oxide] Brandt L, et al. **Cah Anesthesiol** 1985 Mar;33(2):161-3 **(Fre)**

ANALYSIS

Laboratory decontamination and destruction of carcinogens in laboratory wastes: some haloethers. Castegnaro M, et al. **IARC Sci Publ** 1984;(61):1-53

BLOOD

Effect of temperature and age on the solubility of enflurane, halothane, isoflurane, and methoxyflurane in human blood. Eger RR, et al. **Anesth Analg** 1985 Jun;64(6):640-2

Determination of the partial pressure of halothane (or isoflurane) in blood. Zbinden AM, et al. **Br J Anaesth** 1985 Aug;57(8):796-802

METABOLISM

Use of isoflurane in closed circuit. Measurement of anesthetic uptake. Ross JA, et al. **Acta Anaesthesiol Belg** 1984; 35(4):273-8

PHARMACODYNAMICS

Effects of isoflurane on vascular tone and circulatory autoregulation in the feline small intestine. Ostman M, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):389-94

Isoflurane: effect on the encephalogram during carotid endarterectomy. Campkin TV, et al. **Anaesthesia** 1985 Feb;

40(2):188-91

Isoflurane does not prevent hepatic injury produced by halothane in rats. Fassoulaki A, et al. **Anesth Analg** 1984 Oct;63(10):888-90

The effects of isoflurane and isoflurane-nitrous oxide anesthesia on brainstem auditory evoked potentials in humans. Manninen PH, et al. **Anesth Analg** 1985 Jan; 64(1):43-7

Regional coronary hemodynamics during isoflurane-nitrous oxide anesthesia in patients with ischemic heart disease. Reiz S, et al. **Anesth Analg** 1985 Jun;64(6):570-6

Halothane and isoflurane do not decrease PaO2 during one-lung ventilation in intravenously anesthetized patients. Rogers SN, et al. **Anesth Analg** 1985 Oct;64(10):946-54

The influence of halothane and isoflurane on pulmonary collateral ventilation. Alexander CM, et al. **Anesthesiology** 1985 Feb;62(2):135-40

Effects of enflurane and isoflurane on resistance to reabsorption of cerebrospinal fluid in dogs. Artru AA. **Anesthesiology** 1984 Nov;61(5):529-33

Complex effects of isoflurane on baroreceptor reflex compounded by errors [letter] Boyce JR, et al. **Anesthesiology** 1984 Oct;61(4):479-81

The response of the feline cerebral circulation to PaCO2 during anesthesia with isoflurane and halothane and during sedation with nitrous oxide. Drummond JC, et al. **Anesthesiology** 1985 Mar;62(3):268-73

Local application of 133Xenon for measurement of regional cerebral blood flow (rCBF) during halothane, enflurane, and isoflurane anesthesia in humans. Eintrei C, et al. **Anesthesiology** 1985 Oct;63(4):391-4

Liver circulation and function during isoflurane and halothane anesthesia. Gelman S, et al. **Anesthesiology** 1984 Dec;61(6):726-30

Effects of enflurane, isoflurane, and nitrous oxide on somatosensory evoked potentials during fentanyl anesthesia. McPherson RW, et al. **Anesthesiology** 1985 May; 62(5):626-33

Does isoflurane really preserve baroreflex responsiveness better than halothane or enflurane? [letter] Roy RC. **Anesthesiology** 1984 Oct;61(4):482-4

Isoflurane and cranial extradural pressure. A study in neurosurgical patients. Campkin TV. **Br J Anaesth** 1984 Oct;56(10):1083-7

The pharmacology of isoflurane. Eger EI 2d. **Br J Anaesth** 1984;56 Suppl 1:71S-99S (151 ref.)

Enflurane, halothane and isoflurane do not inhibit angiotensin converting enzyme activity. Alifimoff JK, et al. **Can Anaesth Soc J** 1985 Jul;32(4):351-7

Cardiovascular, metabolic and hormonal changes during isoflurane N2O anaesthesia. Rolly G, et al. **Eur J Anaesthesiol** 1984 Dec;1(4):327-34

Comparison of systemic and cerebrovascular effects of isoflurane and halothane. Boarini DJ, et al. **Neurosurgery** 1984 Sep;15(3):400-9

Effect of enflurane, isoflurane, and halothane on pacing stimulation thresholds in man. Zaidan JR, et al. **PACE** 1985 Jan;8(1):32-4

Enflurane and isoflurane inhibit the oxidative activity of pulmonary alveolar macrophages. Welch WD. **Respiration** 1985;47(1):24-9

[Isoflurane and total oxygen consumption in spontaneously breathing dogs in basal metabolic conditions] Samodelov LF, et al. **Anaesthesist** 1985 Apr;34(4):184-90 (Eng. Abstr.) **(Ger)**

[A comparative study of the effect of halothane, enflurane and isoflurane on the ischemic rat heart using a working heart preparation] Kirihara T, et al. **Masui** 1984 Oct; 33(10):1082-7 (Eng. Abstr.) **(Jpn)**

POISONING

Hazards of agent-specific vaporizers: a case report of successful resuscitation after massive isoflurane overdose. Martin ST. **Anesthesiology** 1985 Jun;62(6):830-1

Chloromethylation: three lung cancer deaths in young men [letter] Roe FJ. **Lancet** 1985 Aug 3;2(8449):268

THERAPEUTIC USE

Absence of electroencephalographic excitation pattern under isoflurane anesthesia. Dworacek B, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):211-7

Isoflurane anesthesia for resection of pheochromocytoma. A report of two cases. Thomas B, et al. **Acta Anaesthesiol Belg** 1984 Sep;35(3):201-10

Prolonged low flow isoflurane anesthesia for status epilepticus. Kofke WA, et al. **Anesthesiology** 1985 May; 62(5):653-6

TOXICITY

The effect of halothane, isoflurane, and blood loss on hepatotoxicity and hepatic oxygen availability in phenobarbital-pretreated hypoxic rats. Gelman S, et al. **Anesth Analg** 1984 Nov;63(11):965-72

METHYL GREEN see under **ROSANILINE DYES**

METHYL MERCAPTOPHOS see under **INSECTICIDES, ORGANOTHIOPHOSPHATE**

METHYL MERCURY COMPOUNDS see **METHYLMERCURY COMPOUNDS**

METHYL MESILATE see **METHYL METHANESULFONATE**

METHYL METHANESULFONATE

PHARMACODYNAMICS

DNA damage and repair in epithelial (mucous) cells and crypt cells from isolated colon. Kulkarni MS, et al. **Chem Biol Interact** 1985 Jan;52(3):311-8

Single-strand breaks in DNA of hamster and human cells exposed to methyl methanesulfonate and ultraviolet light. Park SD, et al. **Chem Biol Interact** 1985 Jan;52(3):255-63

Strand breaks arising from the repair of the 5-bromodeoxyuridine-substituted template and methyl methanesulphonate-induced lesions can explain the formation of sister chromatid exchanges. Saffhill R, et al. **Chromosoma** 1985;92(3):218-24

Resistance of mouse lymphoma L5178YAII cells to alkylation with methylmethane sulphonate resides in a late step of excision repair. Pearson CM, et al. **J Cell Sci** 1984 Jun;68:35-48

Protective effect of R-factor plasmid pKM101 on lethal damage by UV and chemical mutagens in E. coli strains with different DNA-repairing capacities. Nunoshiba T, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):135-9

Quantitative assessment of the role of O6-methylguanine in the initiation of carcinogenesis by methylating agents. Doniger J, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):421-5

[Repair of DNA damaged by methylmethane sulfonate in normal human lymphocytes and in xeroderma pigmentosum] Genter EI, et al. **Tsitologiia** 1985 May; 27(5):587-91 (Eng. Abstr.) **(Rus)**

TOXICITY

DNA damage and repair in mouse embryos following treatment transplacentally with methylnitrosourea and methylmethanesulfonate. Jirakulsomchok S, et al. **Teratogenesis Carcinog Mutagen** 1984;4(6):523-36

METHYL ORANGE see under **AZO COMPOUNDS**

METHYL PARATHION see under **PARATHION**

METHYL VIOLET see **GENTIAN VIOLET**

METHYL VIOLOGEN see **PARAQUAT**

METHYLAMINES

Amidation of C3 at the thiolester site: stimulation of chemiluminescence and phagocytosis by a new inflammatory mediator. Gordon DL, et al. **J Immunol** 1985 May;134(5):3339-45

[Interaction of formaldehyde with nucleic acids and their structural components in the presence of amines. II. Structure of adenine derivatives formed in the reaction with formaldehyde and primary amine] Volkov VS, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):693-701 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Autonomic dysreflexia due to medication: misadventure in the use of an isometheptene combination to treat migraine. Wineinger MA, et al. **Arch Phys Med Rehabil** 1985 Sep; 66(9):645-6

ANALYSIS

Thermal conversion of trimethylamine-N-oxide to trimethylamine and dimethylamine in squids. Lin JK, et al. **Food Chem Toxicol** 1985 Jun;23(6):579-83

[Effect of heat treatment on the levels of dimethylamine trimethylamine and trimethylamine-N-oxide in squids] Hurng DC, et al. **Taiwan I Hsueh Hui Tsa Chih** 1985 Feb; 84(2):161-7 (Eng. Abstr.) **(Chi)**

BLOOD

Determination of body burden of uremic toxins. Ihle BU, et al. **Clin Nephrol** 1984 Aug;22(2):82-9

CHEMICAL SYNTHESIS

Synthesis of alpha-aminomethyl derivatives of beta-phenyltetrahydrofuran-2-one. Jakóbiec T, et al. **Pol J Pharmacol Pharm** 1985 Jan-Feb;37(1):73-7

IMMUNOLOGY

Hapten-specific responses to the phenyltrimethylamino hapten. V. A single chain antigen-binding I-J+ first-order T suppressor factor requires antigen to induce anti-idiotypic second-order suppressor T cells. Jayaraman S, et al. **J Immunol** 1985 Feb;134(2):1010-8

METABOLISM

Dimethylsulphoxide and trimethylamine oxide respiration of Proteus vulgaris. Evidence for a common terminal reductase system. Styrvold OB, et al. **Arch Microbiol** 1984 Nov;140(1):74-8

The role of blue copper proteins in the oxidation of methylamine by an obligate methylotroph. Lawton SA, et al. **Biochem J** 1985 Jun 15;228(3):719-26

Effects of pimozide and penfluridol on the binding and endocytosis of alpha 2-macroglobulin-CH3NH2 by mouse peritoneal macrophages. Key KA, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3712-4

Methylation of DNA in stomach and small intestine of rats after oral administration of methylamine and nitrite. Huber KW, et al. **Carcinogenesis** 1984 Dec;5(12):1729-32

Determination of body burden of uremic toxins. Ihle BU, et al. **Clin Nephrol** 1984 Aug;22(2):82-9

Methylammonium transport in Anacystis nidulans R-2. Boussiba S, et al. **J Bacteriol** 1984 Oct;160(1):204-10

[14C]methylammonium transport by Frankia sp. strain CpI1. Mazzucco CE, et al. **J Bacteriol** 1984 Nov;160(2):636-41

Characterization of ammonium (methylammonium)/potassium antiport in Escherichia coli. Jayakumar A, et al. **J Biol Chem** 1985 Jun 25; 260(12):7528-32

Nitrogen regulation of synthesis of the high affinity methylammonium transport system of Escherichia coli. Servín-González L, et al. **J Gen Microbiol** 1984 Dec;130 (Pt 12):3071-7

Rapid and automated detection of salmonella by electrical measurements. Easter MC, et al. **J Hyg (Lond)** 1985 Jun; 94(3):245-62

PHARMACODYNAMICS

Monensin, like methylamine, prevents degradation of 125I-epidermal growth factor, causes intracellular accumulation of receptors and blocks the mitogenic response. King AC. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):585-91

Changes of the proteinase binding properties and conformation of bovine alpha 2-macroglobulin on cleavage of the thio ester bonds by methylamine. Björk I, et al. **Biochemistry** 1985 May 21;24(11):2653-60

A comparison of dimaprit, nordimaprit, methylamine and chloroquine as inhibitors of mitogen-induced lymphocyte activation. Dale MM, et al. **Br J Pharmacol** 1984 Sep; 83(1):293-8

Metabolic and secretory effects of methylamine in pancreatic islets. Gomis R, et al. **Cell Biochem Funct** 1984 Jul; 2(3):161-6

Inhibition of pancreatic exocrine secretion and bile entry into the duodenum by isometheptene, a sympathomimetic agent. Gullo L, et al. **Dig Dis Sci** 1985 Feb;30(2):114-8

Methylamine-induced conformational change of alpha 2-macroglobulin and its zinc (II) binding capacity. An X-ray scattering study. Osterberg R, et al. **Eur J Biochem** 1984 Sep 17;143(3):541-4

Differential effects of lysosomotropic amines and polyamines on processing and biological activity of EGF. Widelitz RB, et al. **Exp Cell Res** 1984 Nov;155(1):163-70

Insulin processing and dissociation--effect of temperature and lysosomotropic agents. Blackard WG, et al. **Horm Metab Res** 1984 Jun;16(6):298-302

Reaction of methylamine with human alpha 2-macroglobulin. Mechanism of inactivation. Eccleston ED, et al. **J Biol Chem** 1985 Aug 25;260(18):10169-76

Methylamines and islet function: cationic aspects. Lebrun P, et al. **J Endocrinol Invest** 1984 Aug;7(4):347-55

TOXICITY

[Method of establishing the maximum permissible exposure levels of chemical substances in atmospheric air by assessing the age-related sensitivity of animals] Dabaev NZh. **Gig Sanit** 1985 Mar;(3):76-8 **(Rus)**

[Evaluation of the cumulative properties of harmful substances by the subchronic toxicity test] Shtabskiĭ BM, et al. **Gig Sanit** 1985 Mar;(3):57-60 **(Rus)**

METHYLARECAIDIN see **ARECOLINE**

METHYLATION

Quantitative identification of N-terminal amino acids in proteins by radiolabeled reductive methylation and amino acid analysis: application to human erythrocyte acetylcholinesterase. Haas R, et al. **Anal Biochem** 1985 Jul; 148(1):154-62

Differential gene activity visualized on sister chromatids after replication in the presence of 5-azacytidine. Ferraro M, et al. **Chromosoma** 1985;91(3-4):307-12

A possible model for the methylation of deoxycytidine in DNA. Hawtrey AO, et al. **Med Hypotheses** 1984 Oct; 15(2):125-34

Expression of the Escherichia coli dam methylase in Saccharomyces cerevisiae: effect of in vivo adenine methylation on genetic recombination and mutation. Hoekstra MF, et al. **Mol Cell Biol** 1985 Apr;5(4):610-8

A domain of methylation change at the albumin locus in rat hepatoma cell variants. Orlofsky A, et al. **Mol Cell Biol** 1985 Jan;5(1):214-25

Methylation-induced blocks to in vitro DNA replication. Larson K, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):77-84

DNA methylation in thermophilic bacteria: N4-methylcytosine, 5-methylcytosine, and N6-methyladenine. Ehrlich M, et al. **Nucleic Acids Res** 1985 Feb 25;13(4):1399-412

Methylation of thymine residues during oligonucleotide synthesis. Gao X, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):573-84

Complete concordance between glucose-6-phosphate dehydrogenase activity and hypomethylation of 3' CpG clusters: implications for X chromosome dosage compensation. Wolf SF, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9333-48

Perturbation of maintenance and de novo DNA methylation in vitro by UVB (280-340 nm)-induced pyrimidine photodimers. Becker FF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6055-9

Reversibility of progression of the transformed phenotype in Ad5-transformed rat embryo cells. Babiss LE, et al. **Science** 1985 May 31;228(4703):1099-101

Chromatin structure and de novo methylation of sperm DNA: implications for activation of the paternal genome. Groudine M, et al. **Science** 1985 May 31;228(4703):1061-8

Fitting methylation into development [news] Kolata G. **Science** 1985 Jun 7;228(4704):1183-4

Induction of hepatitis B virus core gene in human cells by cytosine demethylation in the promoter. Korba BE, et al. **Science** 1985 May 31;228(4703):1103-6

The methylation pattern of endogenous mouse mammary tumor virus proviral genes is tissue specific and stably inherited. Günzburg WH, et al. **Virology** 1984 Oct 30; 138(2):212-24

METHYLAZOXYMETHANOL ACETATE see under **AZO COMPOUNDS**

METHYLCELLULOSE

Rehardening properties of mucin- or CMC-containing saliva substitutes on softened human enamel. Effects of sorbitol, xylitol and increasing viscosity. Vissink A, et al. **Caries Res** 1985;19(3):212-8

[The enhancement of solubility of problem drugs. 5. Solubility of griseofulvin-methylcellulose-PEG coprecipitates] Fahr F, et al. **Pharmazie** 1985 May; 40(5):362-3 **(Ger)**

ANALOGS & DERIVATIVES

Immunomodulatory effects in mice of polyinosinic-polycytidylic acid complexed with poly-L-lysine and carboxymethylcellulose. Talmadge JE, et al. **Cancer Res** 1985 Mar;45(3):1058-65

Immunotherapeutic potential in murine tumor models of polyinosinic-polycytidylic acid and poly-L-lysine solubilized by carboxymethylcellulose. Talmadge JE, et al. **Cancer Res** 1985 Mar;45(3):1066-72

Potential for in vitro growth of common bacteria in solutions of 32% dextran 70 and 1.0% sodium carboxymethylcellulose. Elkins TE, et al. **Fertil Steril** 1985 Mar;43(3):477-8

Response of mouse tumor to interferon inducer and radiation. Lvovsky EA, et al. **Int J Radiat Oncol Biol Phys** 1985 Sep;11(9):1721-5

Analysis of human blood monocyte activation at the level of gene expression. Expression of alpha interferon genes during activation of human monocytes by poly IC/LC and muramyl dipeptide. Stevenson HC, et al. **J Exp Med** 1985 Mar 1;161(3):503-13

Effects of tampon materials on the in-vitro physiology of a toxic shock syndrome strain of Staphylococcus aureus. Ingham E, et al. **J Med Microbiol** 1985 Aug;20(1):87-95

Vaccine adjuvant effects, and immune response, to synthetic polymers MVE and poly ICLC. Chirigos MA, et al. **Prog Clin Biol Res** 1984;161:467-79

Biological characterization of MVE-2 and poly ICLC. Schlick E, et al. **Prog Clin Biol Res** 1984;161:511-24

[Studies on selective embolo-hyperthermic therapy of tumors by using ferromagnetic particles] Sako M, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Oct 20;19(9):2168-71 (Eng. Abstr.) **(Jpn)**

[Possibility of using cellulose derivatives as a protector of the endothelium in a cataract operation] Pen'kov MA, et al. **Oftalmol Zh** 1984;(4):215-7 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Endogenous splenic colonies and megakaryopoiesis in methylcellulose treated irradiated mice. Bernabei PA, et al. **Experientia** 1985 Jan 15;41(1):97-9

[In vitro evaluation of the lymphatic system of the rat after induction of splenomegaly by methyl cellulose] Mangoni L, et al. **Chir Patol Sper** 1983 Feb;31(1):3-11 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Viscous corneal protection by sodium hyaluronate, chondroitin sulfate, and methylcellulose. Hammer ME, et al. **Invest Ophthalmol Vis Sci** 1984 Nov;25(11):1329-32

METHYLCEPHAELINE see **EMETINE**

METHYLCHOLANTHRENE

The serologic response to Meth A sarcoma vaccines after cyclophosphamide treatment is additionally increased by various adjuvants. Livingston PO, et al. **J Immunol** 1985 Aug;135(2):1505-9

Characterization of nude mouse skin fibroblast cell lines transformed by combined action of SV40 and 3-methylcholanthrene. Laaksonen AM. **Med Biol** 1984; 62(6):331-7

ADMINISTRATION & DOSAGE

A family of epidermoid lung cancer models. Benfield JR, et al. **Ann Thorac Surg** 1984 Dec;38(6):627-32

[The plasma protein film on rat erythrocytes after application of methylcholanthrene] Linke A, et al. **Folia Haematol (Leipz)** 1985;112(2):319-25 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

The metabolism of 1-hydroxy- and 2-hydroxy-3-methylcholanthrene by liver microsomes: effect of enzyme inducing agents. Gardiner EM, et al. **Cancer Lett** 1984 Aug;24(1):103-10

Mutagenicity of cyclopenta-fused isomers of benz(a)anthracene in bacterial and rodent cells and identification of the major rat liver microsomal metabolites. Nesnow S, et al. **Cancer Res** 1984 Nov;44(11):4993-5003

METABOLISM

A hydroxylapatite microassay for receptor binding of 2,3,7,8-tetrachlorodibenzo-p-dioxin and 3-methylcholanthrene in various target tissues. Poellinger L, et al. **Anal Biochem** 1985 Feb 1;144(2):371-84

Fetal mouse susceptibility to transplacental lung and liver carcinogenesis by 3-methylcholanthrene: positive correlation with responsiveness to inducers of aromatic hydrocarbon metabolism. Anderson LM, et al. **Carcinogenesis** 1985 Sep;6(9):1389-93

PHARMACODYNAMICS

Transcriptional regulation of rat liver glutathione S-transferase genes by phenobarbital and 3-methylcholanthrene. Ding VD, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):553-9

3-Methylcholanthrene-induced expression of the cytochrome P-450c gene. Foldes RL, et al. **Arch Biochem Biophys** 1985 May 15;239(1):137-46

Regioselectivity of hydroxylation of prostaglandins by liver microsomes supported by NADPH versus H2O2 in methylcholanthrene-treated and control rats: formation of novel prostaglandin metabolites. Holm KA, et al. **Arch Biochem Biophys** 1985 Mar;237(2):477-89

Kinetic isotope effects on cytochrome P-450-catalyzed oxidation reactions: full expression of the intrinsic isotope effect during the O-deethylation of 7-ethoxycoumarin by liver microsomes from 3-methylcholanthrene-induced hamsters. Miwa GT, et al. **Arch Biochem Biophys** 1985 May 15;239(1):155-62

Synthesis and degradation of 3-methylcholanthrene-inducible cytochromes P-450 and their mRNAs in primary monolayer cultures of adult rat hepatocytes. Steward AR, et al. **Arch Biochem Biophys** 1985 Sep;241(2):494-508

Xenobiotic imprinting of hepatic metabolic enzyme systems: effect of neonatal 3-methylcholanthrene administration. Bagley DM, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2569-73

Oxidation and glucuronidation of valproic acid in male rats--influence of phenobarbital, 3-methylcholanthrene, beta-naphthoflavone and clofibrate. Heinemeyer G, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):133-9

Different effects of cyanide on the activities of 7-ethoxycoumarin O-deethylation catalyzed by two forms of cytochrome P-450 purified from 3-methylcholanthrene-treated rats. Kitada M, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1133-6

Altered induction response of hepatic cytochrome P-450 to phenobarbital, 3-methylcholanthrene, and beta-naphthoflavone in organotin-treated animals. Rosenberg DW, et al. **Biochem Pharmacol** 1985 Apr 1; 34(7):997-1005

Influence of red blood cells, serum albumin, and serum lipoproteins on the clearance of benzo[alpha]pyrene by isolated livers of 3-methylcholanthrene-treated rats. Wiersma DA, et al. **Biochem Pharmacol** 1984 Nov 1; 33(21):3433-8

Structural analysis of the cysteine-containing peptides from the major 3-methylcholanthrene-induced isozyme of cytochrome P-450 (P-450c) in rat liver microsomes. Haniu M, et al. **Biochemistry** 1984 May 22;23(11):2478-82

Evidence for the existence of isozymes of choline kinase and their selective induction in 3-methylcholanthrene- or carbon tetrachloride-treated rat liver. Tadokoro K, et al. **Biochim Biophys Acta** 1985 Jul 31;835(3):501-13

Ultrastructural and immunohistochemical studies on non-ciliated cells of the tracheal epithelium of normal, phenobarbital-treated and 3-methylcholanthrene-treated mice. Ishimura K, et al. **Cell Tissue Res** 1985;240(2):501-4

Position-specific induction of benzo(a)pyrene metabolism by 3-methylcholanthrene and phenobarbital in mullet (Mugil cephalus), a marine fish. Schoor WP, et al. **Comp Biochem Physiol [C]** 1984;78(2):391-6

Regulation of hepatic monooxygenases by phenobarbital, 3-methylcholanthrene, and polychlorinated biphenyls in rapid and slow acetylator mice. Elves RG, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):354-8

Dietary fat and 3-MC induction of hepatic nuclear and microsomal cytochrome P-450. Cheng KC, et al. **Drug Nutr Interact** 1981;1(1):63-74

Expression of cytochromes P-450 in rat hepatoma cells. Analysis by monoclonal antibodies specific for cytochromes P-450 from rat liver induced by 3-methylcholanthrene or phenobarbital. Wiebel FJ, et al. **Eur J Biochem** 1984 Dec 17;145(3):455-62

Catalytic activity of the membrane-bound methylcholanthrene-inducible cytochrome P-450. Grishanova AYu, et al. **FEBS Lett** 1985 Jan 1;179(1):74-6

The effect of 3-methylcholanthrene on mouse natural killer cells in vitro. Kalland T. **Int J Immunopharmacol** 1984; 6(4):299-305

Characterization of three forms of cytochrome P-450 isolated from liver microsomes of rats treated with 3-methylcholanthrene. Sakaki T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):117-26

Characterization of complementary DNA clones coding for two forms of 3-methylcholanthrene-inducible rat liver cytochrome P-450. Yabusaki Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):793-804

Complete nucleotide sequence of a methylcholanthrene-inducible cytochrome P-450 (P-450d) gene in the rat. Sogawa K, et al. **J Biol Chem** 1985 Apr 25;260(8):5026-32

Benzo(a)pyrene metabolism in hepatic microsomes from feral and 3-methycholanthrene-treated southern flounder, Paralichthys lethostigma. Little PJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):309-20

Protection against toxic redox cycles between benzo(a)pyrene-3,6-quinone and its quinol by 3-methylcholanthrene-inducible formation of the quinol mono- and diglucuronide. Lilienblum W, et al. **Mol Pharmacol** 1985 Apr;27(4):451-8

A dual assay for the specific screening of 3-methylcholanthrene- and phenobarbital-like chemical inducers of cytochrome P-450 monooxygenases. Lesca P, et al. **Mutat Res** 1984 Dec;129(3):299-310

Increased SCE inducibility by low doses of methylcholanthrene in lymphocytes obtained from patients with Down's disease. Major J, et al. **Mutat Res** 1985 Mar; 149(1):51-5

Induction of cytoplasmic aldehyde dehydrogenases in rat tissues by carcinogenic and non-carcinogenic xenobiotics. Koivusalo M, et al. **Prog Clin Biol Res** 1985;174:101-12

Effects of 3-methylcholanthrene and phenobarbital on the capacity of embryos to bioactivate teratogens during organogenesis. Juchau MR, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):137-46

Foetal and neonatal development of cytochrome P-450 and cytochrome P-448 catalysed mixed function oxidases in the rat: induction by 3-methylcholanthrene. Lum PY, et al. **Toxicology** 1985 Jun 28;35(4):307-17

Effects of SKF 525-A, phenobarbital and 3-methylcholanthrene on the toxicity of lobeline sulfate. Kim HL. **Vet Hum Toxicol** 1985 Feb;27(1):1-2

[Effects of carbohydrate intake on phenobarbital-, polychlorinated biphenyl- and 3-methylcholanthrene-induced enhancement of drug oxidation and conjugation in rat liver] Nakajima T, et al. **Nippon Eiseigaku Zasshi** 1984 Oct;39(4):779-86 (Eng. Abstr.) **(Jpn)**

[Immunological study of the identity of cytochrome P-448 in the mouse and rat liver after induction with 3-methylcholanthrene] Mishin VM, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):98-102 (Eng. Abstr.) **(Rus)**

TOXICITY

Lack of intercellular communication between chemically transformed and surrounding nontransformed BALB/c 3T3 cells. Enomoto T, et al. **Cancer Res** 1984 Nov; 44(11):5200-3

Effect of 3-methylcholanthrene on the development of aortic lesions in mice. Paigen B, et al. **Cancer Res** 1985 Aug; 45(8):3850-5

Relationships between carcinogen metabolism, adduct binding and DNA damage in 3-methylcholanthrene-exposed lung. Stewart BW, et al. **Chem Biol Interact** 1984 Nov;52(1):111-28

Increased transcription of the c-myc oncogene in two methylcholanthrene-induced quail fibroblastic cell lines. Saule S, et al. **Exp Cell Res** 1984 Dec;155(2):496-506

Effect of tuftsin on in vivo development of 3-methylcholanthrene-induced primary fibrosarcoma and Lewis lung carcinoma in mice. Banks RA, et al. **JNCI** 1985 May;74(5):1079-83

Effect of storage at 4 degrees on prepared Salmonella/microsome test plates. Stanton CA, et al. **Mutat Res** 1984 Sep;141(1):7-9

Systemic effects of methylcholanthrene in mice. II. Immune responses to sheep red cells. Schreiber R, et al. **Oncology** 1984;41(6):436-41

Systemic effects of methylcholanthrene in mice. I. Splenic and hepatic phagocytosis of xenogeneic red cells. Schrieber R, et al. **Oncology** 1984;41(6):431-5

Experimental emphysematous bullae induced by methylcholanthrene and carrageenan. Mitsuhashi T, et al. **Tohoku J Exp Med** 1985 Mar;145(3):341-51

METHYLDIMETHYLAMINOAZOBENZENE see under

DIMETHYLAMINOAZOBENZENE

METHYLDIPHENYLHYDRAMINE see ORPHENADRINE

METHYLDOPA

ADMINISTRATION & DOSAGE

Hydrochlorothiazide plus methyldopa in the treatment of isolated systolic hypertension in the elderly. Boyles PW. **Clin Ther** 1984;6(6):793-9

[Combination of methyldopa and diuretics in the treatment of hypertensive disease] Dzúriková V, et al. **Vnitr Lek** 1985 Jan;31(1):7-14 (Eng. Abstr.) **(Slo)**

ADVERSE EFFECTS

Spurious increase in serum creatinine associated with intravenous methyldopate therapy. Nanji AA, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):896-7

No evidence of association between methyldopa and biliary carcinoma. Strom BL, et al. **Int J Epidemiol** 1985 Mar; 14(1):86-90

Melanin, an adrenochrome's metabolism in epidermoid carcinoma: two case reports. Babcock PP, et al. **NY J Dent** 1984 Sep-Oct;54(6):259-66

Methyldopa therapy and outcome in cadaveric renal transplantation. Peters TG, et al. **South Med J** 1985 Sep; 78(9):1044-8

[Methyldopa as the cause of prolonged diarrhea] Lilleng R. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):518-9 **(Nor)**

[Case of hemolytic anemia during dopegit treatment] Kobel'kova BN, et al. **Klin Med (Mosk)** 1985 Jan; 63(1):140-1 **(Rus)**

ANALOGS & DERIVATIVES

New centrally acting antihypertensive drugs related to methyldopa and clonidine. Sweet CS. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II51-6 (34 ref.)

ANALYSIS

Liquid chromatographic determination of methyldopa and methyldopa-thiazide combinations in tablets: collaborative study. Ting S. **J Assoc Off Anal Chem** 1984 Nov-Dec; 67(6):1118-20

Colorimetric determination of sympathomimetic amines methyldopa and noradrenaline. Walash MI, et al. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):91-5

ANTAGONISTS & INHIBITORS

Thyrotropin releasing hormone and naloxone attenuate the antihypertensive action of central alpha 2-adrenoceptor stimulation through different mechanisms. Kunos G, et al. **Endocrinology** 1984 Dec;115(6):2481-3

BLOOD

Bioavailability tests on various alpha-methyldopa preparations. Kovács I, et al. **Ther Hung** 1982;30(4):173-9

METABOLISM

Sulfate and methyldopa metabolism: metabolite patterns and platelet phenol sulfotransferase activity. Campbell NR, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):308-15

Alpha-methyldopa disposition in mothers with hypertension and in their breast-fed infants. White WB, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):387-90

Effects of methyldopa metabolites on amine transmitters and adrenergic receptors in rat brain. Louis WJ, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II40-4 (37 ref.)

Antihypertensive metabolites of alpha-methyldopa. Robertson D, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II45-50 (32 ref.)

PHARMACODYNAMICS

Effect of methyldopa on menopausal flushes, skin temperature, and luteinizing hormone secretion. Tulandi T, et al. **Am J Obstet Gynecol** 1984 Nov 15;150(6):709-12

Role of the spinal monoaminergic systems in suppression of ejaculation by alpha-methyldopa. Kimura Y, et al. **Andrologia** 1985 Mar-Apr;17(2):166-71

The plasma noradrenaline and growth hormone response to alpha-methyldopa and clonidine in hypertensive subjects. Struthers AD, et al. **Br J Clin Pharmacol** 1985 Mar; 19(3):311-7

Inhibition of brain acetylcholine biosynthesis by methyldopa in spontaneously hypertensive rats. Buccafusco JJ. **Brain Res Bull** 1984 Aug;13(2):257-62

Effect of methyldopa on brain cholinergic neurons involved in cardiovascular regulation. A study in conscious spontaneously hypertensive rats. Buccafusco JJ. **Hypertension** 1984 Sep-Oct;6(5):614-21

Bulbospinal serotonin pressor pathways and hypotensive action of methyldopa in the rat. Chalmers JP, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II16-21

Central and peripheral autonomic mechanisms involved in the circulatory actions of methyldopa. Korner PI, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II63-70

The hypotensive activity and side effects of methyldopa, clonidine, and guanfacine. van Zwieten PA, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II28-33 (44 ref.)

Cardiovascular responses to central clonidine, alpha-methyldopa, and 6-hydroxydopamine in conscious normotensive and spontaneously hypertensive rats following naloxone. Head GA, et al. **J Cardiovasc Pharmacol** 1985 Mar-Apr;7(2):321-6

Methyldopa does not alter the disposition of digoxin. May CA, et al. **J Clin Pharmacol** 1984 Aug-Sep;24(8-9):386-9

Influence of methyldopa and bromocriptine on negative pressure breathing-induced diuresis. Montastruc P, et al. **J Pharmacol** 1984 Oct-Dec;15(4):415-20

Effects of methamphetamine and methyldopa on ethanol induced hypothermia in mice. Ageel AM, et al. **Jpn J Pharmacol** 1985 Feb;37(2):137-42

Effects of clonidine, alpha-methyldopa and hydralazine on met-enkephalinergic neurons in cerebral nuclei of spontaneously hypertensive rats. Nakamura K, et al. **Jpn J Pharmacol** 1985 May;38(1):49-63

Impaired reticuloendothelial function in patients treated with methyldopa. Kelton JG. **N Engl J Med** 1985 Sep 5; 313(10):596-600

THERAPEUTIC USE

A novel therapeutic approach for reversal of left ventricular hypertrophy and blood pressure control in hypertensive patients treated with alpha-methyldopa or propranolol. Fernandez PG, et al. **Can J Physiol Pharmacol** 1985 Apr; 63(4):304-8

Comparison of once-daily guanfacine and twice-a-day methyldopa in the treatment of mild to moderate hypertension. Farooki MS, et al. **Clin Ther** 1985; 7(2):199-204

Fifteen-year survival of patients beginning treatment with methyldopa between 1962 and 1966. Dollery CT, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II82-6

Changes in brain alpha-adrenergic receptors after alpha-methyldopa administration to spontaneously hypertensive rats. Freed CR, et al. **Hypertension** 1984 Sep-Oct;6(5 Pt 2):II34-9

Haemodynamic changes in peripheral arterial circulation during antihypertensive treatment with captopril, methyldopa and indapamide. Ferrara LA, et al. **Int J Clin Pharmacol Res** 1984;4(5):389-93

Comparison of antihypertensive activity and tolerability of guanfacine and methyldopa. Malini PL, et al. **Int J Clin Pharmacol Res** 1983;3(1):35-9

Comparison of the use of reserpine versus alpha-methyldopa for second step treatment of hypertension in the elderly. Applegate WB, et al. **J Am Geriatr Soc** 1985 Feb; 33(2):109-15

Efficacy of combination of propranolol and hydralazine versus alpha-methyldopa in hypertension. Chopra BK. **J Assoc Physicians India** 1984 Sep;32(9):811

Comparison of long-term renal hemodynamic effects of methyldopa and propranolol in patients with hypertension and renal insufficiency. Lowenstein I, et al. **J Clin Pharmacol** 1984 Oct;24(10):436-45

Blood pressure response to antihypertensive therapy: ambulatory versus office blood pressure readings. Rion F, et al. **J Hypertens** 1985 Apr;3(2):139-43

[Effect of alpha-methyldopa (Dopegyt) on blood pressure in hypertensive pregnant patients] During R, et al. **Zentralbl Gynakol** 1985;107(6):357-62 (Eng. Abstr.) **(Ger)**

[Controlled clinical investigation of sotalol and alphamethyldopa in hypertensive patients] Marinoni C, et al. **Boll Soc Ital Cardiol** 1984 Jul-Aug;29(7-8):405-13 (Eng. Abstr.) **(Ita)**

[Controlled clinical trial of sotalol and alpha-methyldopa in hypertension] Marinoni C, et al. **Cardiologia** 1984 Jul-Aug; 29(7-8):405-13 (Eng. Abstr.) **(Ita)**

[Antihypertensive action and tolerance of alphamethyldopa and hydrochlorothiazide in fixed association versus single alphamethyldopa administration] Capuano V, et al. **G Clin Med** 1984 Jul-Aug;65(7-8):367-74 (Eng. Abstr.) **(Ita)**

[Changes in selected indicators of platelet function in patients with primary arterial hypertension treated with alpha-methyldopa] Wysokiński A, et al. **Pol Tyg Lek** 1984 Dec 10;39(50):1661-3 (Eng. Abstr.) **(Pol)**

[Dopegit in the combined treatment of vitiligo patients] Mirakhmedov UM, et al. **Vestn Dermatol Venerol** 1985 Jun; (6):56-8 (Eng. Abstr.) **(Rus)**

[Double-blind assay of a new hypotensive agent of central action, guanfacine, compared with alpha-methyldopa] Jiménez Casado M, et al. **Rev Clin Esp** 1984 Jul 15-31; 174(1-2):41-4 (Eng. Abstr.) **(Spa)**

TOXICITY

In vivo mutagenic effect of methyldopa. 1. Dominant lethal test in male mice. Kar RN, et al. **Cytobios** 1984; 41(163-164):151-9

Methyldopa: effects on the murine immune system. Caren LD, et al. **Toxicol Lett** 1985 Jan;24(1):91-7

METHYLDOPAHYDRAZINE see CARBIDOPA

METHYLDOPATE see METHYLDOPA

METHYLENE BLUE

Value of methylene blue examination, dark-field microscopy, and carbol-fuchsin Gram stain in the detection of Campylobacter enteritis. Thorson SM, et al. **J Pediatr** 1985 Jun;106(6):941-3

Intraparticle diffusivity of methylene blue into pores of pyrolysis ashes reduced in volume by the press from sewage sludge. Tanada S, et al. **Nippon Eiseigaku Zasshi** 1985 Feb; 39(6):894-8

Hydrogen peroxide and hydroxyl radical formation by methylene blue in the presence of ascorbic acid. Buettner GR, et al. **Radiat Environ Biophys** 1984;23(4):235-43

A simple, rapid staining procedure for methacrylate embedded tissue sections using chromotrope 2R and methylene blue. Dougherty MM, et al. **Stain Technol** 1984 May;59(3):149-53

[Relation between vital staining of different types of nerve endings and the pH of the staining solution] Vshivtseva VV. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):83-7 **(Rus)**

ANALOGS & DERIVATIVES

A new assay method for lipid peroxides using a methylene blue derivative. Ohishi N, et al. **Biochem Int** 1985 Feb; 10(2):205-11

DIAGNOSTIC USE

Intravital methylene blue staining of parathyroid glands and tumours. Sherlock DJ, et al. **Ann R Coll Surg Engl** 1984 Nov;66(6):396-8

The Finn chamber methylene blue ring. Fischer T, et al. **Contact Dermatitis** 1985 Jan;12(1):12-4

Contrast bone cement. Bargar WL, et al. **J Orthop Res** 1983; 1(1):92-100

Intraoperative localization of parathyroid glands using methylthionine chloride / tetramethylthionine chloride in secondary hyperparathyroidism. Bland KI, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):42-8

[Methylene blue in broncho-fibroscopy] Varoli F, et al. **Minerva Med** 1984 Sep 22;75(36):2099-100 **(Ita)**

[Clinicopathological evaluation of in vivo methylene blue staining for the diagnosis of early gastric cancer and application of the method to routine endoscopic examination] Matsuyama K. **Igaku Kenkyu** 1984 Apr; 54(4):401-22 (Eng. Abstr.) **(Jpn)**

[Differential staining in vivo with methylene blue and microscopic cystoscopy in bladder tumors] Martínez-Piñeiro JA, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:741-50 (Eng. Abstr.) **(Spa)**

[Use of vital stains as an investigational method in pregnancies at term with living and dead fetuses] Morales A, et al. **Rev Chil Obstet Ginecol** 1983;48(5):349-53 **(Spa)**

METABOLISM

Methylene blue: effects and disposition in sheep. Burrows GE. **J Vet Pharmacol Ther** 1984 Sep;7(3):225-31

PHARMACODYNAMICS

Effect of redox agents on the non-electrolyte isotonic concentrations and on the equivalent pore radius of skeletal muscles of the frog. Dely M, et al. **Acta Physiol Hung** 1985; 65(2):103-8

Kinetic analysis of sodium channel block by internal methylene blue in pronased crayfish giant axons. Starkus JG, et al. **Biophys J** 1984 Aug;46(2):205-18

Effects of methylene blue on electrical behavior of myenteric neurons. Nemeth PR, et al. **Experientia** 1985 Feb 15; 41(2):259-61

Methylene blue-mediated hexose monophosphate shunt stimulation in human red blood cells in vitro: independence from intracellular oxidative injury. Baird JK. **Int J Biochem** 1984;16(10):1053-8

Effect of methylene blue and illumination on the process of differentiation of the protozoan Herpetomonas samuelpessoai. Castellanos GB, et al. **Int J Radiat Biol** 1985 Feb;47(2):191-5

Selective blockade of endothelium-dependent and glyceryl trinitrate-induced relaxation by hemoglobin and by methylene blue in the rabbit aorta. Martin W, et al. **J Pharmacol Exp Ther** 1985 Mar;232(3):708-16

Modifying intracellular redox balance: an approach to improving therapeutic index. Hrushesky WJ, et al. **Lancet** 1985 Mar 9;1(8428):565-7

Intracellular parasite killing induced by electron carriers. II. Correlation between parasite killing and the induction of oxidative events in macrophages. Mauel J, et al. **Mol Biochem Parasitol** 1984 Sep;13(1):97-110

Intracellular parasite killing induced by electron carriers. I. Effect of electron carriers on intracellular Leishmania spp. in macrophages from different genetic backgrounds. Mauel J. **Mol Biochem Parasitol** 1984 Sep;13(1):83-96

[Biological effects of the combined action of laser radiation and methylene blue on a strain of Salmonella typhimurium (TA 1538) (I)] Curci E, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;76(1-6):48-56 (Eng. Abstr.) **(Ita)**

[Biological effects of laser radiation and methylene blue on a strain of Salmonella typhimurium (TA 100) (II)] Pasquetto N, et al. **G Batteriol Virol Immunol** 1983 Jan-Jun;

76(1-6):57-61 (Eng. Abstr.) **(Ita)**

[The effect of methyleneblue on insulin and glucagon release stimulated by glucose and arginine in the isolated perfused rat pancreas] Tanese T, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jun 20;60(6):729-37 (Eng. Abstr.) **(Jpn)**

POISONING

[Poisoning by methylene blue in a newborn infant] Jiménez-Balderas EA, et al. **Bol Med Hosp Infant Mex** 1984 Jun;41(6):341-4 (Eng. Abstr.) **(Spa)**

THERAPEUTIC USE

Methylene blue in treatment of bipolar illness [letter] Thomas RD, et al. **Biol Psychiatry** 1985 Jan;20(1):120-1

Methylene blue for MDI [letter] Turner WJ. **Biol Psychiatry** 1985 Jul;20(7):815

Acute dapsone intoxication: a case treated with continuous infusion of methylene blue, forced diuresis and plasma exchange. Berlin G, et al. **J Toxicol Clin Toxicol** 1984-85; 22(6):537-48

[2 children with severe hemiglobinemia] Thunnissen RJ, et al. **Ned Tijdschr Geneeskd** 1985 Apr 27;129(17):788-90 (Eng. Abstr.) **(Dut)**

METHYLENE CHLORIDE see under **HYDROCARBONS, CHLORINATED**

METHYLENEBIS(CHLOROANILINE) see under **BENZHYDRYL COMPOUNDS**

3,4-METHYLENEDIOXYAMPHETAMINE see under **AMPHETAMINES**

METHYLENESULFONATES see **METHANESULFONATES**

METHYLENETETRAHYDROFOLATE DEHYDROGENASE see under **OXIDOREDUCTASES**

METHYLERGOBASIN see **METHYLERGONOVINE**

METHYLERGOMETRIN see **METHYLERGONOVINE**

METHYLERGONOVINE

ANALOGS & DERIVATIVES

[Plasma prolactin in the puerperium and its relation to the use of methylergonovine maleate] González P, et al. **Rev Chil Obstet Ginecol** 1984;49(3):149-55 (Eng. Abstr.) **(Spa)**

DIAGNOSTIC USE

Prophylactic effect of intravenous tiapamil on methylergometrine-induced coronary artery spasm in patients with variant angina: randomized double-blind trial. Danchin N, et al. **Am Heart J** 1985 Apr;109(4):764-8

Methylergonovine-induced spasm of saphenous vein coronary bypass graft. Alegria E, et al. **Chest** 1985 Apr; 87(4):545-7

METHYLGALACTOSIDES see under **METHYLGLYCOSIDES**

METHYLGLUCOSIDES see under **METHYLGLYCOSIDES**

METHYLGLYCINE see under **GLYCINE**

METHYLGLYCOSIDES

Second generation alpha-enones from a pyranosidic alpha-enone. Rahman MA, et al. **Carbohydr Res** 1985 Feb 28;136:91-9

ANALYSIS

Identification of methylphosphomannosyl residues as components of the high mannose oligosaccharides of Dictyostelium discoideum glycoproteins. Gabel CA, et al. **J Biol Chem** 1984 Nov 25;259(22):13762-9

The kinetic mechanism of kanamycin acetyltransferase derived from the use of alternative antibiotics and coenzymes. Radika K, et al. **J Biol Chem** 1984 Oct 25; 259(20):12543-6

CHEMICAL SYNTHESIS

A synthesis of methyl 4,6-dideoxy-3-C-methyl-4-(N-methylacetamido)-alpha-anoside, the 3-epimer of (methyl N-acetylsibirosaminide). Georges M, et al. **Carbohydr Res** 1984 Jul 15;130:115-24

Methyl 4-O-(4-alpha-D-glucopyranosyloxy-4-methoxybutyl)-al + + glucopyranosi de, a modified oligosaccharide for studying interactions of carbohydrates with multisite proteins. Jegge S, et al. **Carbohydr Res** 1984 Oct 15; 133(2):247-54

Sulfate as a blocking group in alkali-catalyzed permethylation: an alternative synthesis of 3,4,6-tri-O-methyl-D-glucose. Liav A, et al. **Carbohydr Res** 1984 Aug 1;131(1):C8-10

METABOLISM

Activation of glucose transport in diabetic muscle: responses to contraction and insulin. Wallberg-Henriksson H, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):C233-7

Ca2+-dependent stimulation of 3-O-methylglucose transport in mouse fibroblast Swiss 3T3 cells induced by phorbol-12,13-dibutyrate. Kitagawa K, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):127-33

Stimulation of 3-O-methylglucose transport in adipocytes by a synthetic human growth hormone fragment. Ng FM, et al. **Biochem Int** 1985 Mar;10(3):507-16

Effect of puromycin on sugar transport in isolated rat adipocytes. Kubo K, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):187-9

Influence of follicle-stimulating hormone on glucose transport by cultured Sertoli cells. Hall PF, et al. **Biol Reprod** 1984 Dec;31(5):863-9

The effect of streptozotocin-induced diabetes on hepatic hexose transport. Europe-Finner GN. **Biosci Rep** 1985 May;5(5):377-82

Effect of dietary supplements of guar gum and cellulose on intestinal cell proliferation, enzyme levels and sugar transport in the rat. Johnson IT, et al. **Br J Nutr** 1984 Nov;52(3):477-87

Inhibition of 12-O-tetradecanoylphorbol-13-acetate-stimulated 3-O-methyl-glucose transport in mouse Swiss 3T3 fibroblasts by glycyrrhetic acid. Kitagawa K, et al. **Cancer Lett** 1984 Sep;24(2):157-63

Monosaccharide uptake by erythrocytes of the embryonic and adult chicken. Ingermann RL, et al. **Comp Biochem Physiol [A]** 1985;80(3):369-72

Influence of Concanavalin A on 3-O-methylglucose uptake in cultured chick embryo fibroblasts. Evidence for differences related to the age of embryos. Berjonneau C, et al. **Differentiation** 1984;27(3):192-5

Insulin binding, glucose oxidation, and methylglucose transport in isolated adipocytes from pregnant rats near term. Toyoda N, et al. **Endocrinology** 1985 Mar; 116(3):998-1002

Phosphorylation of 3-O-methyl-D-glucose and catabolite repression in yeast. Gancedo C, et al. **Eur J Biochem** 1985 May 2;148(3):593-7

The inhibition of hexose transport by permeant and impermeant sulfhydryl agents in rat adipocytes. May JM. **J Biol Chem** 1985 Jan 10;260(1):462-7

Comparative regional analysis of 2-fluorodeoxyglucose and methylglucose uptake in brain of four stroke patients. With special reference to the regional estimation of the lumped constant. Gjedde A, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):163-78

Uptake of glucose analogues into cultured cerebral microvessel endothelium. Vinters HV, et al. **J Neuropathol Exp Neurol** 1985 Sep;44(5):445-58

Potassium movements associated with amino acid and sugar transport in enterocytes isolated from rabbit jejunum. Brown PD, et al. **J Physiol (Lond)** 1985 Jun;363:271-85

[Comparative genetics of yeasts. XXII. The determination of alpha-methylglucoside fermentation by the maltose genes MAL6c2 and malx in the offspring of Saccharomyces cerevisiae N. C. Y. C. 74 strain] Naumov GI, et al. **Genetika (Moskva)** 1984 Sep;20(9):1472-9 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Calcium-dependent aggregation of human serum amyloid P component. Inhibition by the cyclic 4,6-pyruvate acetal of galactose. Hind CR, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):148-50

Effect of serine hydroxamate and methyl alpha-D-glucopyranoside treatment on nucleoside polyphosphate pools, RNA and protein accumulation in Streptomyces hygroscopicus. Riesenberg D, et al. **J Gen Microbiol** 1984 Oct;130 (Pt 10):2549-58

METHYLGUANIDINE see under **GUANIDINES**

METHYLHISTAMINES

ANALYSIS

Simultaneous determination of histamine and N alpha-methylhistamine in biological samples by an improved enzymatic single isotope assay. Haimart M, et al. **Agents Actions** 1985 Apr;16(3-4):71-5

Measurement of N tau-methylhistamine concentrations in plasma and urine as a parameter for histamine release during anaphylactoid reactions. Keyzer JJ, et al. **Agents Actions** 1985 Apr;16(3-4):76-9

Quantitation of histamine and some of its basic methylated metabolites in biological materials by gas-liquid chromatography. Wollin A, et al. **Anal Biochem** 1985 Feb 15;145(1):73-9

PHARMACODYNAMICS

Effects of three histaminergic compounds on function and oxygen consumption of isolated guinea-pig hearts. Permanetter B, et al. **Agents Actions** 1985 Apr; 16(3-4):215-8

URINE

Effect of food intake on urinary excretions of histamine, N tau-methylhistamine, imidazole acetic acid and its conjugate(s) in humans and mice. Imamura I, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1931-7

Histamine metabolism in patients with histidinemia: determination of urinary levels of histamine, N tau-methylhistamine, imidazole acetic acid, and its conjugate(s). Imamura I, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1925-9

METHYLHISTIDINES see under **HISTIDINE**

METHYLHYDRAZINES

[Investigation of endogenous prostaglandins in DMH induced colonic cancer in rats] Tanaka M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Apr;82(4):592-8 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

Interaction of dietary fat and route of carcinogen administration on 1,2-dimethylhydrazine-induced colon tumorigenesis in rats. Locniskar M, et al. **Carcinogenesis** 1985 Mar;6(3):349-54

[Chemoinduced early precancerous colonic lesions in rats] Roussel F, et al. **Gastroenterol Clin Biol** 1984 Dec; 8(12):960-5 (Eng. Abstr.) **(Fre)**

ANALYSIS

Simultaneous determination of hydrazine, methylhydrazine, and 1,1-dimethylhydrazine in air by derivatization/gas chromatography. Holtzclaw JR, et al. **Anal Chem** 1984 Dec;56(14):2952-6

METABOLISM

Spin-trapping of methyl radical in the oxidative metabolism of 1,2-dimethylhydrazine. Augusto O, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):853-8

Fatty acid stimulated N-demethylation of 1,2-dimethylhydrazine and tetramethylhydrazine by rat colonic mucosa. Craven PA, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3101-6

Colonic absorption of 1,2-dimethyl hydrazine (DMH) in the rat. Meshkinpour H, et al. **Gen Pharmacol** 1985;16(1):61-4

Metabolism and activation of 1,1-dimethylhydrazine and methylhydrazine, two products of N-nitrosodimethylamine reductive biotransformation. Godoy HM, et al. **IARC Sci Publ** 1984;(57):479-84

PHARMACODYNAMICS

Effects of 1,2-dimethylhydrazine on the number of epithelial cells present in the villi, crypts, and mitotic pool along the rat small intestine. Altmann GG, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5522-31

Differential repair of O4-alkylthymidine following exposure to methylating and ethylating hepatocarcinogens. Richardson FC, et al. **Carcinogenesis** 1985 Apr;6(4):625-9

Are there diurnal fluctuations in crypt length and crypt cell birth rate in the intestines of normal and carcinogen-treated rats? Senior PV, et al. **J Anat** 1984 Oct;139 (Pt 3):513-23

Potentiation of 1,2-dimethylhydrazine-induced anal carcinoma by epidermal growth factor in mice. Kingsnorth AN, et al. **Surgery** 1985 Jun;97(6):696-700

[Effect of chemical carcinogens on the synaptic transmission of excitation in the sympathetic ganglia of rats] Klimenko EM, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):702-5 (Eng. Abstr.) **(Rus)**

[Changes in the cytoskeleton and surface charge as a possible cause of the increased mechanical binding between enterocytes in the small intestine epithelium induced by 1,2-dimethylhydrazine] Matveev VV, et al. **Tsitologiia** 1984 Sep;26(9):1030-6 (Eng. Abstr.) **(Rus)**

TOXICITY

Effects of monomethylhydrazine on selected species of marine diatoms. Wendler BW, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):98-105

Comparison of immune status and 1,2-dimethylhydrazine induced tumorigenesis in brown--Norway and Fischer rats. Emphasis on splenic and colonic lymphocyte function. Locniskar M, et al. **Cancer Lett** 1985 Jan;25(3):311-23

Effect of exogenous beta-glucuronidase on the carcinogenicity of 1,2-dimethylhydrazine in rats: evidence that carcinogenic intermediates form conjugates and act through their subsequent enzymatic release. Likhachev A, et al. **Carcinogenesis** 1985 May;6(5):679-81

Pararenal angiosarcoma induced in male mice by 1,2-dimethylhydrazine--a model for studying the role of androgens in chemical carcinogenesis. Turusov VS, et al. **Carcinogenesis** 1985 Mar;6(3):325-31

An investigation into the mechanism of co-carcinogenesis of dietary cholesterol during the induction of colon cancer in rats by 1,2 dimethylhydrazine. Cruse JP, et al. **Clin Oncol** 1984 Sep;10(3):213-20

The effect of promoters on 1,2-dimethylhydrazine-induced colon carcinogenesis. Csuka O, et al. **IARC Sci Publ** 1984; (56):129-36

Morphology and distribution of 1,2-dimethylhydrazine dihydrochloride-induced colon tumors and their relationship to gut-associated lymphoid tissue in the rat. Nauss KM, et al. **JNCI** 1984 Oct;73(4):915-24

Modulation of symmetrical 1,2-dimethylhydrazine (DMH)-induced colon carcinogenesis by isoproterenol (IPR). Chang WW. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):153-6

Is there more than one critical lesion relevant for experimental liver carcinogenesis? Denda A, et al. **Toxicol Pathol** 1984;12(1):79-83

The intestinal monoxygenase enzyme system in DMH-induced rat colonic carcinogenesis. Sandforth F, et al. **Z Gastroenterol** 1984 Oct;22(10):586-91

METHYLHYDROXYPROGESTERONE see **MEDROXYPROGESTERONE**

1-METHYL-3-ISOBUTYLXANTHINE see under **THEOPHYLLINE**

METHYLMALONIC ACID see under **MALONATES**

METHYLMALONYL COA MUTASE see under **ISOMERASES**

METHYLMANNOSIDES see under **METHYLGLYCOSIDES**

METHYLMERCURY COMPOUNDS

Methylation and demethylation of mercury under controlled redox, pH and salinity conditions. Compeau G, et al. **Appl Environ Microbiol** 1984 Dec;48(6):1203-7

ADMINISTRATION & DOSAGE

[Studies on the behavior of mercury and selenium in blood of mice injected with those elements] Yamamoto I. **Hokkaido Igaku Zasshi** 1985 Mar;60(2):227-40 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Review of the health effects of methylmercury. Inskip MJ, et al. **J Appl Toxicol** 1985 Jun;5(3):113-33 (254 ref.)

Cutaneous and auditory function in rats following methyl mercury poisoning. Wu MF, et al. **Toxicol Appl Pharmacol** 1985 Jul;79(3):377-88

ANALYSIS

Comparative study of two chromatographic columns used in the GLC determination of methylmercury. Najdek M, et al. **Bull Environ Contam Toxicol** 1985 Feb;34(2):158-62

Mercury distribution in a polluted marine area. Concentrations of methyl mercury in sediments and some marine organisms. Mikac N, et al. **Sci Total Environ** 1985 May;43(1-2):27-39

ANTAGONISTS & INHIBITORS

Development of reflexes in neonatal mice prenatally exposed to methylmercury and selenite. Satoh H, et al. **Toxicol Lett** 1985 May;25(2):199-203

CHEMICAL SYNTHESIS

A simple and rapid method for preparation of 203Hg-labeled methylmercury from 203HgCl2 and methylcobalamin. Naganuma A, et al. **J Pharmacobiodyn** 1985 Jan;8(1):69-72

[Transformation reactions of special metals in organisms and in the environment. 2. Abiotic methylation reactions of mercury, especially by methyltin compounds and humic and fulvic acids] Woggon H, et al. **Nahrung** 1984; 28(8):851-62 (Eng. Abstr.) **(Ger)**

ISOLATION & PURIFICATION

Rapid method for removal of inorganic mercury contained in methylmercury preparation using CM-Sephadex minicolumn. Naganuma A, et al. **Ind Health** 1985;23(1):71-3

METABOLISM

Role of glutathione and hepatic glutathione S-transferase in the biliary excretion of methyl mercury, cadmium and zinc: a study with enzyme inducers and glutathione depletors. Gregus Z, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 May;56(5):398-403

N-acetylpenicillamine potentiated excretion of methyl mercury in rat bile: influence of S-methylcysteine. Refsvik T. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):121-5

Effects of diet on mercury metabolism and excretion in mice given methylmercury: role of gut flora. Rowland IR, et al. **Arch Environ Health** 1984 Nov-Dec;39(6):401-8

Differences in the distribution of methyl mercury in erythrocytes, plasma, and brain of Japanese quails and rats after a single oral dose. Clausing P, et al. **Arch Toxicol** 1984 Dec;56(2):132-5

Effects of combined administration of thiol compounds and methylmercury chloride on mercury distribution in rats. Hirayama K. **Biochem Pharmacol** 1985 Jun 1;34(11):2030-2

The dependence of biliary methylmercury secretion on liver GSH and ligandin. Magos L, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):301-5

Interaction of alkylmercuric compounds with sodium selenite. III. Biotransformation, levels of metallothioneinlike proteins and endogenous copper in some tissues of rats exposed to methyl or ethylmercuric chloride with and without sodium selenite. Brzeźnicka EA, et al. **Environ Health Perspect** 1985 May;60:423-31

Interaction of alkylmercuric compounds with sodium selenite. II. Metabolism of methylmercuric chloride administered alone and in combination with sodium selenite in rats. Brzeźnicka EA, et al. **Environ Health Perspect** 1985 May;60:411-21

Alteration of inorganic mercury accumulation due to selenite in organs of mice fed methylmercury. Suzuki T, et al. **Sangyo Igaku** 1984 Mar;26(2):125-9

The effects of methyl mercury binding to microtubules. Vogel DG, et al. **Toxicol Appl Pharmacol** 1985 Sep 30; 80(3):473-86

A kinetic analysis of the interaction between methylmercury and selenium. Komsta-Szumska E, et al. **Toxicology** 1984 Dec;33(3-4):229-38

PHARMACODYNAMICS

Effects of methylmercury chloride on rat incisor odontoblasts and dentinogenesis. Dahl JE. **Acta Odontol Scand** 1984 Aug;42(4):251-5

Exposure of DNA to methyl mercury results in an increase in the rate of its transcription by RNA polymerase II. Frenkel GD, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):849-56

Effect of organic mercury on the electrical resistance of phosphatidylserine bilayers. Paiement J, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):179-81

The comparative effects of methylmercuric chloride and mercuric chloride upon DNA synthesis in mouse fetal astrocytes in vitro. Choi BH, et al. **Exp Mol Pathol** 1984 Dec;41(3):371-6

UDPgalactose:ceramide galactosyltransferase and 2',3'-cyclic-nucleotide 3'-phosphodiesterase activities in rat brain after long-term exposure to methylmercury or triethyllead. Grundt IK, et al. **Exp Neurol** 1985 Jun; 88(3):580-9

Synaptic degeneration in rat visual cortex after neonatal administration of methylmercury. O'Kusky J. **Exp Neurol** 1985 Jul;89(1):32-47

Mitotic arrest in the developing CNS after prenatal exposure to methylmercury. Rodier PM, et al. **Neurobehav Toxicol Teratol** 1984 Sep-Oct;6(5):379-85

Inhibition of RNA and protein synthesis in isolated cerebellar cells by in vitro and in vivo methyl mercury. Sarafian T, et al. **Neurochem Pathol** 1985 Spring;3(1):27-39

Acute effects of mercuric compounds on preimplantation mouse embryos in vitro. Katayama S, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1984 Oct; 36(10):1957-62

Effects of methylmercuric chloride on palate closure in mice. Hirata S, et al. **Okajimas Folia Anat Jpn** 1984 Aug; 61(2-3):153-60

The effect of methylmercuric chloride on arachidonic acid metabolism by platelet lipoxygenase. Ally AI, et al. **Prostaglandins Leukotrienes Med** 1984 Aug;15(2):209-21

Effects of methylmercuric chloride and bis (methylmercuric) selenide on responses of isolated intestinal smooth muscle of the guinea-pig. Fukushi Y, et al. **Tohoku J Exp Med** 1985 Mar;145(3):243-9

Methylmercury stimulates the exhalation of volatile selenium and potentiates the toxicity of selenite. Yonemoto J, et al. **Toxicol Lett** 1985 Jan;24(1):7-14

[Inhibition by methyl mercury chloride and mercuric chloride of the in vitro polymerization of microtubules] de Saint-Georges L, et al. **C R Soc Biol (Paris)** 1984; 178(5):562-6 (Eng. Abstr.) **(Fre)**

POISONING

Alteration of putative amino acid levels and morphological findings in neural tissues of methylmercury-intoxicated mice. Hirayama K, et al. **Arch Toxicol** 1985 Apr;57(1):35-40

Methylmercury poisoning in Iraq. An epidemiological study of the 1971-1972 outbreak. Greenwood MR. **J Appl Toxicol** 1985 Jun;5(3):148-59

A methylmercury toxicity model to test for possible adverse effects resulting from chelating agent therapy. Kostyniak PJ, et al. **J Appl Toxicol** 1984 Aug;4(4):206-10

Effects of ascorbic acid deficiency on methyl mercury dicyandiamide toxicosis in guinea pigs. Yamini B, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):139-50

Octanol/water partition coefficients as a model system for assessing antidotes for methylmercury(II) poisoning, and for studying mercurials with medicinal applications. Canty AJ, et al. **J Inorg Biochem** 1984 Sep;22(1):65-72

Treatment of acute methylmercury ingestion by hemodialysis with N-acetylcysteine (Mucomyst) infusion and 2,3-dimercaptopropane sulfonate. Lund ME, et al. **J Toxicol Clin Toxicol** 1984 Jul;22(1):31-49

The effects of mild congenital methylmercury intoxication on the metabolism of 3-hydroxybutyrate and glucose in the brains of suckling rats. Menon NK, et al. **Neurotoxicology (Little Rock Ar)** 1985 Spring;6(1):55-61

[Contamination of the environment with mercury--its health problems. II. Toxic effects of mercury and its compounds] Ludwicki JK. **Rocz Panstw Zakl Hig** 1985;36(1):1-8 (47 ref.) (Eng. Abstr.) **(Pol)**

SECRETION

Sulfobromophthalein inhibition of glutathione and methylmercury secretion into bile. Ballatori N, et al. **Am J Physiol** 1985 Feb;248(2 Pt 1):G238-45

TOXICITY

Methyl mercury ototoxicity in mice determined by auditory brainstem responses. Wassick KH, et al. **Acta Otolaryngol (Stockh)** 1985 Jan-Feb;99(1-2):35-45

Differential effects of sodium selenite and methylmercury(II) on membrane permeability and DNA replication in HeLa S3 carcinoma cells: a preliminary report regarding the modification of organomercurial toxicity by selenium compounds. Gruenwedel DW. **Adv Exp Med Biol** 1984; 177:229-40

Effects of selenium and methylmercury upon glutathione and glutathione-S-transferase in mice. Balthrop JE, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):197-202

Alteration in RNA synthesis in the dorsal root ganglia of methylmercury-treated rats. Nagumo S, et al. **Arch Toxicol** 1985 Feb;56(4):236-41

Effects of neonatal methylmercury exposure on development of nucleic acids and proteins in rat brain: regional specificity. Slotkin TA, et al. **Brain Res Bull** 1985 May; 14(5):397-400

Accumulation of methylmercury in the earthworm, Eisenia foetida, and its effect on regeneration. Beyer WN, et al. **Bull Environ Contam Toxicol** 1985 Aug;35(2):157-62

Enhancement of urethan-induced adenoma formation in Swiss mice exposed to methylmercury. Blakley BR. **Can J Comp Med** 1984 Jul;48(3):299-302

Relative resistance of and delayed toxicity in undifferentiated plant cells to methyl mercury. Czuba M, et al. **Ecotoxicol Environ Safety** 1984 Dec;8(6):499-506

Effects of methylmercuric chloride administered to pregnant rats during the preimplantation period. Giavini E, et al. **Ecotoxicol Environ Safety** 1985 Apr;9(2):189-95

Methylmercury-induced mitochondrial DNA synthesis in neural tissue of cats. Miller CT, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):251-64

Experimental methyl mercury neurotoxicity: locus of mercurial inhibition of brain protein synthesis in vivo and in vitro. Cheung MK, et al. **J Neurochem** 1985 Jun; 44(6):1799-808

Compositional changes in brain lipids, especially cerebroside and gangliosides, of rats treated with methylmercury chloride. Ando S, et al. **Jpn J Exp Med** 1985 Feb;55(1):7-11

Comparative in vitro cytogenetic studies in mercury-exposed human lymphocytes. Verschaeve L, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):221-6

Behavioural and neurochemical changes in offspring of rats exposed to methyl mercury during gestation. Cuomo V, et al. **Neurobehav Toxicol Teratol** 1984 May-Jun; 6(3):249-54

Behavioral and neuropathological effects of prenatal methylmercury exposure in mice. Inouye M, et al. **Neurobehav Toxicol Teratol** 1985 May-Jun;7(3):227-32

Neonatal methylmercury poisoning in the rat: effects on development of peripheral sympathetic nervous system. Neuronal participation in methylmercury-induced cardiac and renal overgrowth. Bartolome J, et al. **Neurotoxicology (Park Forest Il)** 1984 Winter;5(4):45-54

Chronic toxicity of methylmercury chloride in rats: pathological study. Mitsumori K, et al. **Nippon Juigaku Zasshi** 1984 Aug;46(4):549-57

Scanning and transmission electron microscopic studies on the oviducts of Pekin ducks fed methyl mercury containing diets. Balachandran A, et al. **Scan Electron Microsc** 1985; (Pt 1):311-22

Interaction of methylmercury chloride with cellular energetics and related processes. Ally A, et al. **Toxicol Appl Pharmacol** 1984 Nov;76(2):207-18

Postnatal methyl mercury exposure: effects on ontogeny of renal and hepatic ornithine decarboxylase responses to trophic stimuli. Bartolome J, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):147-54

Methyl mercury and selenium interaction in relation to mouse kidney gamma-glutamyltranspeptidase, ultrastructure, and function. Fair PH, et al. **Toxicol Appl Pharmacol** 1985 Aug; 80(1):78-96

[Impairment of retinal protein synthesis and axonal transport along the optic pathway of albino rabbits by intraocular administration of methylmercury] Chihara E, et al. **Nippon Ganka Gakkai Zasshi** 1984 Sep;88(9):1224-8 (Eng. Abstr.) **(Jpn)**

URINE

Effect of L-(alpha S,5S)-alpha-amino-3-chloro-4,5-dihydro-5-isoxazoleacet acid on urinary excretion of methylmercury in the mouse. Mulder KM, et al. **J Pharmacol Exp Ther** 1985 Jul; 234(1):156-60

METHYLMESYLATE see **METHYL METHANESULFONATE**

METHYLMETHACRYLATES

Pseudophaco--anaphylactic endophthalmitis? P.M.M.A. related. Mullaney J, et al. **Acta Ophthalmol [Suppl] (Copenh)** 1985;170:34-40

Calcium deposits on glyceryl methyl methacrylate and hydroxyethyl methacrylate contact lenses. Levy B. **Am J Optom Physiol Opt** 1984 Sep;61(9):605-7

The exenterated mastoid: a problem of ear surgery. Meuser W. **Am J Otol** 1985 Jul;6(4):323-5

An introduction to fluoropolymer contact lenses: a new class of materials. Keates RH, et al. **CLAO J** 1984 Oct-Dec; 10(4):332-4

Total hip acetabular cup flange design and its effect on cement fixation. Oh I, et al. **Clin Orthop** 1985 May; (195):304-9

The use of enzyme tablets to control grade III GPC with PMMA lenses. Farkas P, et al. **J Am Optom Assoc** 1984 Nov;55(11):836-7

Refitting long-term asymptomatic PMMA lens wearers into gas permeable lenses. Synder AC, et al. **J Am Optom Assoc** 1985 Mar;56(3):192-6

Improvement of mechanical properties of acrylic bone cement by fiber reinforcement. Saha S, et al. **J Biomech** 1984;17(7):467-78

A method of improving the bonding between artificial teeth and PMMA. Fletcher AM, et al. **J Dent** 1985 Jun; 13(2):102-8

Use of biocompatible orthopaedic polymer for fracture treatment and reconstructive orthopaedic procedures. Merendino J, et al. **J Int Med Res** 1984;12(6):351-5

Preformed polymethylmethacrylate cranioplasties: report of 45 cases. van Gool AV. **J Maxillofac Surg** 1985 Feb; 13(1):2-8

Methyl methacrylate obturation of the pneumatized articular eminence of the temporal bone. Kraut RA. **J Oral Maxillofac Surg** 1985 Jul;43(7):554-5

Visco-elastic properties of four currently used tissue conditioners. De Mot B, et al. **J Oral Rehabil** 1984 Sep; 11(5):419-27

The pattern of adsorption of cationic antiseptics to polymethylmethacrylate. Moran J, et al. **J Oral Rehabil** 1985 Jan;12(1):81-90

Effect of cement pressure and bone strength on polymethylmethacrylate fixation. Askew MJ, et al. **J Orthop Res** 1984;1(4):412-20

Cranial implant modification. Martin JW, et al. **J Prosthet Dent** 1984 Sep;52(3):414-6

Long-term biocompatibility test of denture base resins in vitro. Nakamura M, et al. **J Prosthet Dent** 1984 Nov; 52(5):694-9

Strength of denture repairs as influenced by surface treatment. Shen C, et al. **J Prosthet Dent** 1984 Dec; 52(6):844-8

Prevention of alveolar bone loss postextraction with HTR grafting material. Ashman A, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):146-53

A removable polar embedding medium for light microscopy. Frater R. **Stain Technol** 1985 Jul;60(4):189-92

ADMINISTRATION & DOSAGE

Use of antibiotic-containing bone cement. Murray WR. **Clin Orthop** 1984 Nov;(190):89-95

[Activity of antibiotics in acrylic cement] Marczyński W, et al. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):463-7 (Eng. Abstr.) **(Pol)**

[Our experience with the treatment of chronic osteomyelitis using gentamicin beads 'Septopal'] Politowski M. **Folia Med Cracov** 1984;25(1-2):168-75 (Eng. Abstr.) **(Pol)**

ADVERSE EFFECTS

Methyl methacrylate. Is it safe? Hardie J. **Can Dent Assoc J** 1985 Jul;51(7):504-6

Methyl methacrylate cement induced pseudoaneurysm of the right common femoral artery. Kraus ML, et al. **Conn Med** 1985 Jun;49(6):351-3

Methyl methacrylate prosthesis dermatitis. Romaguera C, et al. **Contact Dermatitis** 1985 Mar;12(3):172

Activation of the alternative complement pathway by intraocular lenses. Mondino BJ, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):905-8

Corneal endothelial polymegathism induced by PMMA contact lens wear. Stocker EG, et al. **Invest Ophthalmol Vis Sci** 1985 Jun;26(6):857-63

Haematological changes induced by direct contact over a coated activated charcoal: in vivo and in vitro study. Mazzarella V, et al. **Life Support Syst** 1984 Apr-Jun; 2(2):113-9

Tissue toxicity of laser-damaged intraocular lens implants. Terry AC, et al. **Ophthalmology** 1985 Mar;92(3):414-8

[Postpartum pseudomembranous colitis] Steudel HC, et al. **Internist (Berlin)** 1984 Dec;25(12):752-5 **(Ger)**

[Rheological aspects following the implantation of methylmethacrylate bone cements in arthroplasties of the hip (letter)] González de Zárate Apiñaniz J, et al. **Rev Esp Anestesiol Reanim** 1984 Nov-Dec;31(6):256-8 **(Spa)**

ANALYSIS

Long-term aging behavior of ultraviolet-absorbing intraocular lenses. Gupta A. **J Am Intraocul Implant Soc** 1984 Summer;10(3):309-14

[The effect of water structure on the hydrogelling of polymethylmethacrylates. The ice theory of hydrogels] Hüttenrauch R, et al. **Pharmazie** 1985 Jun;40(6):427 **(Ger)**

METABOLISM

Distribution and elimination of coated polymethyl [2-14C]methacrylate nanoparticles after intravenous injection in rats. Leu D, et al. **J Pharm Sci** 1984 Oct; 73(10):1433-7

Distribution and elimination of polymethyl methacrylate nanoparticles after peroral administration to rats. Nefzger M, et al. **J Pharm Sci** 1984 Sep;73(9):1309-11

[Interaction of methylmethacrylate and acrylamide with the microsomal oxidation system of the rat liver] Kotlovskiĭ IuV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):44-7 (Eng. Abstr.) **(Rus)**

POISONING

[Corneal ulceration in connection with the use of bone cement] Nissen JN, et al. **Ugeskr Laeger** 1984 Dec 17; 146(51):4038-9 (Eng. Abstr.) **(Dan)**

RADIATION EFFECTS

Chemical studies of intraocular lenses after experimental generation of lesions by a short-pulsed Nd-YAG laser. Scheiffarth OF, et al. **Graefes Arch Clin Exp Ophthalmol** 1984;222(1):43-4

Photometric evaluation of YAG-induced polymethylmethacrylate damage in a keratoprosthesis. Bath PE, et al. **J Am Intraocul Implant Soc** 1985 May;11(3):253-6

STANDARDS

Strength of polymethylmethacrylate increased by vacuum mixing. Lidgren L, et al. **Acta Orthop Scand** 1984 Oct; 55(5):536-41

Comparative fatigue behavior of different bone cements. Gates EI, et al. **Clin Orthop** 1984 Oct;(189):294-9

THERAPEUTIC USE

Gentamicin-PMMA beads in the treatment of chronic osteomyelitis. Majid SA, et al. **Acta Orthop Scand** 1985 Jun;56(3):265-8

The use of gentamicin-PMMA chains in colorectal surgery. Spence RA, et al. **Br J Clin Pract** 1984 Jul-Aug; 38(7-8):252-4

Radiographic loosening after revision with gentamicin-containing cement for deep infection in total hip arthroplasties. Carlsson AS, et al. **Clin Orthop** 1985 Apr;(194):271-9

Total hip arthroplasty. An investigation of factors related to postoperative urinary retention. Walts LF, et al. **Clin Orthop** 1985 Apr;(194):280-2

The effect of adjunctive methylmethacrylate on failures of fixation and function in patients with intertrochanteric fractures and osteoporosis. Bartucci EJ, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1094-107

Gentamicin-impregnated PMMA beads: an introduction and review. Marcinko DE. **J Foot Surg** 1985 Mar-Apr; 24(2):116-21

Biomechanical study of cervical spine stabilization with methylmethacrylate. Panjabi MM, et al. **Spine** 1985 Apr; 10(3):198-203

The use of PMMA beads in recurrent high anal fistula: a preliminary report. Kupferberg A, et al. **World J Surg** 1984 Dec;8(6):970-4

[Clinical laboratory studies before and after liver resection using antimicrobial polycaproamide mesh and sutures made in Bulgaria in an experiment] Penchev R, et al. **Khirurgiia (Sofiia)** 1984;37(5):338-44 (Eng. Abstr.) **(Bul)**

[Original technic of locoregional antibiotic prevention in abdominoperineal amputation of the rectum using gentamicin beads (letter)] Yakoun M, et al. **Presse Med** 1984 Dec 22;13(46):2814 **(Fre)**

[Paranasal sinus reconstruction with bioactive bone cement--a 5-year animal experiment study] Reck R, et al. **HNO** 1984 Oct;32(10):413-6 (Eng. Abstr.) **(Ger)**

TOXICITY

Effects of polymethylmethacrylate on rabbit articular chondrocytes in monolayer culture. Boyd AD Jr, et al. **Clin Orthop** 1984 Oct;(189):279-93

Electron microscopic study of intrastromal hydrogel implants in primates. Yamaguchi T, et al. **Ophthalmology** 1984 Oct; 91(10):1170-5

[Biological effects and hygienic evaluation of butylacrylate and methylmethacrylate as air pollutants in populated areas] Chebotarev PA. **Gig Sanit** 1985 Jan;(1):9-12 (Eng. Abstr.) **(Rus)**

[Data for establishing the maximum permissible concentration of Vitan-2M copolymer in the air of a work area] Lomonosova GV, et al. **Gig Tr Prof Zabol** 1985 Apr; (4):46-7 **(Rus)**

[Effect of contact adhesion of polymethylmethacrylate on the corneal endothelial layer. An experimental study] Egorova EV, et al. **Vestn Oftalmol** 1985 Jan-Feb; 101(1):16-7 (Eng. Abstr.) **(Rus)**

METHYLMETHANE SULFONATE see **METHYL METHANESULFONATE**

METHYLMETHYLERGONOVINE see **METHYSERGIDE**

METHYLNITRONITROSOGUANIDI

Induction of branchial (gill) neoplasms in the medaka fish (Oryzias latipes) by N-methyl-N'-nitro-N-nitrosoguanidine. Brittelli MR, et al. **Cancer Res** 1985 Jul;45(7):3209-14

Studies on the mechanisms of altered exocrine acinar cell differentiation and ductal metaplasia following nitrosamine exposure using hamster pancreatic explant organ culture. Resau JH, et al. **Carcinogenesis** 1985 Jan;6(1):29-35

High-performance liquid chromatographic determination of 3-methylcytosine in deoxyribonucleic acid treated with carcinogenic methylating agents in vitro and in vivo. Kawasaki H, et al. **Chem Pharm Bull (Tokyo)** 1985 Mar; 33(3):1170-4

Stable intestinal phenotypic expression of gastric and small intestinal tumor cells induced by N-methyl-N'-nitro-N-nitrosoguanidine or methylnitrosourea in rats. Tatematsu M, et al. **Gann** 1984 Nov;75(11):957-65

Involvement of thiols in gastric cancer induced by N-methyl-N'-nitro-N-nitrosoguanidine: biochemical and autoradiographic studies. Kleihues P, et al. **IARC Sci Publ** 1984;(57):603-8

ADMINISTRATION & DOSAGE

Split-dose exposure to N-methyl-N'-nitro-N-nitrosoguanidine in BALB/3T3 Cl a31-1-1 cells: evidence of DNA repair by alkaline elution without changes in cell survival, mutation and transformation rates. Bignami M, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):81-8

ADVERSE EFFECTS

[Responsibility of N-methyl-N'-nitro-N-nitrosoguanidine in the occurrence of glioblastoma (letter)] Salmon RJ. **Presse Med** 1985 Feb 9;14(5):288 **(Fre)**

ANALOGS & DERIVATIVES

Endoscopic study of chronological changes leading to cancer in the esophagus of dogs induced by N-ethyl-N'-nitro-N-nitrosoguanidine. Sasaki O, et al. **Gastroenterol Jpn** 1984 Oct;19(5):456-63

[Vitamin C in a long-term trial is without effect on experimental carcinogenesis] Werner B, et al. **Langenbecks Arch Chir** 1985;363(3):185-93 (Eng. Abstr.) **(Ger)**

[Studies on the development and growth of experimental gastric carcinoma in dogs induced by N-ethyl-N'-nitro-N-nitrosoguanidine (ENNG)] Ohkubo C. **Igaku Kenkyu** 1984 Apr;54(3):279-300 (Eng. Abstr.) **(Jpn)**

METABOLISM

[The defensive effect of gastric mucus against carcinogenesis. Quantitative measurement of incorporation of N-[methyl-3H]-N'-nitro-N-nitrosoguanidine into gastric mucosal DNA] Torii A, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Mar;82(3):398-403 (Eng. Abstr.) **(Jpn)**

PHARMACODYNAMICS

Gibberella fujikuroi mutants obtained with UV radiation and N-methyl-N'-nitro-N-nitrosoguanidine. Avalos J, et al. **Appl Environ Microbiol** 1985 Jan;49(1):187-91

The effects of pretreatment of human tumour cells with MNNG on the DNA crosslinking and cytotoxicity of mitozolomide. Gibson NW, et al. **Br J Cancer** 1985 Aug; 52(2):251-8

Chromosome aberrations in epithelial cells of the digestive tract of rats induced by 1-methyl-3-nitro-1-nitrosoguanidine. Muratani A, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):37-44

Human T-cell leukemia virus I induction by 5-iodo-2'-deoxyuridine and N-methyl-N'-nitro-N-nitrosoguanidine: inhibition by retinoids, L-ascorbic acid, and DL-alpha-tocopherol. Blakeslee JR Jr, et al. **Cancer Res** 1985 Aug;45(8):3471-6

Analysis of N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)-induced DNA damage in tumor cell strains from Japanese patients and demonstration of MNNG hypersensitivity of Mer xenografts in athymic nude mice. Watatani M, et al. **Carcinogenesis** 1985 Apr;6(4):549-53

Characterization of chemically and virally transformed variants of Madin-Darby canine kidney (MDCK) epithelial cells. U HS, et al. **J Cell Physiol** 1985 Feb;122(2):299-307

Primary culture and serial passage of normal and carcinogen-treated rat mammary epithelial cells in vitro. Ethier SP. **JNCI** 1985 Jun;74(6):1307-18

Response of S. cerevisiae to N-methyl-N'-nitro-N-nitrosoguanidine: mutagenesis, survival and DDR gene expression. Maga JA, et al. **MGG** 1985;200(2):313-21

Normal human bronchial epithelial cells do not show an adaptive response after treatment with N-methyl-N'-nitro-N-nitrosoguanidine. Krokan H, et al. **Mutat Res** 1985 Sep;146(2):205-9

On mutation fixation resulting from nitrosoguanidine-induced DNA damage in Escherichia coli K12 ada-. Orrego C, et al. **Mutat Res** 1985 Sep;

146(2):185-9

Quantitative assessment of the role of O6-methylguanine in the initiation of carcinogenesis by methylating agents. Doniger J, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):421-5

TOXICITY

Effects of submandibular sialadenectomy on N-methyl-N'-nitro-N-nitrosoguanidine-induced duodenal carcinogenesis in mice. King WW, et al. **Br J Cancer** 1985 Mar;51(3):429-32

Cell proliferation and growth of gastric carcinoma induced in inbred Wistar rats by N-methyl-N'-nitro-N-nitrosoguanidine. Hattori T, et al. **Cancer Res** 1984 Nov;44(11):5266-72

Inhibition of transformation of primary rat tracheal epithelial cells by retinoic acid. Mass MJ, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5688-91

Correlation between O6-methylguanine-DNA-methyltransferase activity and resistance of human cells to the cytotoxic and mutagenic effect of N-methyl-N'-nitro-N-nitrosoguanidine. Domoradzki J, et al. **Carcinogenesis** 1984 Dec;5(12):1641-7

Cellular recovery of dividing and confluent C3H10T1/2 cells from N-methyl-N'-nitro-N-nitrosoguanidine in the presence of ADP-ribosylation inhibitors. Jacobson EL, et al. **Carcinogenesis** 1985 May;6(5):715-8

Induction of transversion mutations in Escherichia coli by N-methyl-N'-nitro-N-nitrosoguanidine is SOS dependent. Foster PL, et al. **J Bacteriol** 1985 Jul;163(1):213-20

Two cases of lymphosarcoma in channel catfish exposed to N-methyl-N'-nitro-N-nitrosoguanidine. Chen HH, et al. **JNCI** 1985 Apr;74(4):933-9

Enhancing effect of bile and bile acid on stomach tumorigenesis induced by N-methyl-N'-nitro-N-nitrosoguanidine in Wistar rats. Kobori O, et al. **JNCI** 1984 Oct;73(4):853-61

The resistance of E. coli cultivated in low concentrations of dichlorvos to N-methyl-N'-nitro-N-nitrosoguanidine induced mutagenesis. Alldrick AJ, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):1-4

The interrelationship between SCE induction, cell survival, mutagenesis, aberration formation and DNA synthesis inhibition in V79 cells treated with N-methyl-N-nitrosourea or N-methyl-N'-nitro-N-nitrosoguanidine. Kaina B. **Mutat Res** 1985 Jan-Feb;142(1-2):49-54

Investigation of the cytotoxic effects of DNA damaging agents on neurofibromatosis cells. Schwenn MR, et al. **Mutat Res** 1985 Jan-Feb;142(1-2):55-8

METHYLNITROPHOS see **FENITROTHION**

METHYLNITROSONITROGUANIDINE see **METHYLNITRONITROSOGUANIDINE**

METHYLNITROSOUREA see under **NITROSOUREA COMPOUNDS**

METHYLNOREPINEPHRINE see under **NOREPINEPHRINE**

METHYLOMONADACEAE

ANALYSIS

Prokaryotic triterpenoids. 2. 2 beta-Methylhopanoids from Methylobacterium organophilum and Nostoc muscorum, a new series of prokaryotic triterpenoids. Bisseret P, et al. **Eur J Biochem** 1985 Jul 1;150(1):29-34

Prokaryotic triterpenoids. New bacteriohopanetetrol cyclitol ethers from the methylotrophic bacterium Methylobacterium organophilum. Renoux JM, et al. **Eur J Biochem** 1985 Sep 2;151(2):405-10

Prokaryotic triterpenoids. 1. 3 beta-Methylhopanoids from Acetobacter species and Methylococcus capsulatus. Zundel M, et al. **Eur J Biochem** 1985 Jul 1;150(1):23-7

CLASSIFICATION

[Typing of Methylomonas methanolica strains with specific bacteriophages] Kostova L, et al. **Acta Microbiol Bulg** 1985; 16:29-33 (Eng. Abstr.) **(Bul)**

ENZYMOLOGY

Electron transfer reactions in the soluble methane monooxygenase of Methylococcus capsulatus (Bath). Lund J, et al. **Eur J Biochem** 1985 Mar 1;147(2):297-305

Further characterisation of the FAD and Fe2S2 redox centres of component C, the NADH:acceptor reductase of the soluble methane monooxygenase of Methylococcus capsulatus (Bath). Lund J, et al. **Eur J Biochem** 1985 Mar 1;147(2):291-6

Assay, purification and characterization of cob(I)alamin adenosyltransferase of Protaminobacter ruber. Sato K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct;30(5):405-13

GENETICS

Plasmids in methanotrophic bacteria: isolation, characterization and DNA hybridization analysis. Lidstrom ME, et al. **Arch Microbiol** 1984 Nov;140(1):27-33

Construction of broad-host-range cosmid cloning vectors: identification of genes necessary for growth of Methylobacterium organophilum on methanol. Allen LN, et al. **J Bacteriol** 1985 Mar;161(3):955-62

GROWTH & DEVELOPMENT

[Study of the growth rate of methane-assimilating bacteria in weightlessness] Tairbekov MG, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):83-4 **(Rus)**

METABOLISM

The role of blue copper proteins in the oxidation of methylamine by an obligate methylotroph. Lawton SA, et al. **Biochem J** 1985 Jun 15;228(3):719-26

Nitrite and nitrous oxide production by Methylosinus trichosporium. Yoshinari T. **Can J Microbiol** 1985 Feb; 31(2):139-44

Prokaryotic triterpenoids. 3. The biosynthesis of 2 beta-methylhopanoids and 3 beta-methylhopanoids of Methylobacterium organophilum and Acetobacter pasteurianus ssp. pasteurianus. Zundel M, et al. **Eur J Biochem** 1985 Jul 1;150(1):35-9

METHYLPHENAZONIUM METHOSULFATE see under **PHENAZINES**

METHYLPHENIDATE

Multiple organ failure resulting from intravenous abuse of methylphenidate hydrochloride. Stecyk O, et al. **Ann Emerg Med** 1985 Jun;14(6):597-9

Acute myelopathy in a drug abuser following an attempted neck vein injection [letter] Kishorekumar R, et al. **J Neurol Neurosurg Psychiatry** 1985 Aug;48(8):843-4

ADMINISTRATION & DOSAGE

Methylphenidate in hyperactive children: differential effects of dose on academic, learning, and social behavior. Rapport MD, et al. **J Abnorm Child Psychol** 1985 Jun;13(2):227-43

Sustained-release methylphenidate. **Med Lett Drugs Ther** 1984 Oct 26;26(673):97-8

ADVERSE EFFECTS

Slow-release methylphenidate: problems when children chew tablets [letter] Rosse RB, et al. **J Clin Psychiatry** 1984 Dec;45(12):525

Akinesia and mutism following a methylphenidate challenge test. Wiener J, et al. **J Clin Psychopharmacol** 1985 Aug; 5(4):231-3

Methylphenidate and idiopathic thrombocytopenic purpura--is there an association? Grossman LK, et al. **J Fam Pract** 1985 Mar;20(3):302-4

ANALOGS & DERIVATIVES

[3H]Threo-(+/-)-methylphenidate binding to 3,4-dihydroxyphenylethylamine uptake sites in corpus striatum: correlation with the stimulant properties of ritalinic acid esters. Schweri MM, et al. **J Neurochem** 1985 Oct;45(4):1062-70

Distribution of methylphenidate and p-hydroxymethylphenidate in rats. Patrick KS, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):61-5

BLOOD

Clinical correlates of methylphenidate blood levels. Gualtieri CT, et al. **Ther Drug Monit** 1984;6(4):379-92

DIAGNOSTIC USE

Mood response to methylphenidate and the Dexamethasone Suppression Test as predictors of treatment response to zimelidine and lithium in major depression. Joyce PR. **Biol Psychiatry** 1985 Jun;20(6):598-604

Methylphenidate in diagnosing conversion symptoms [letter] Burstein A. **J Clin Psychiatry** 1985 Mar;46(3):110-1

Methylphenidate challenge tests and course of schizophrenia. Lieberman JA, et al. **Psychopharmacol Bull** 1985; 21(1):123-9

METABOLISM

The effects of surgical and chemical lesions on striatal [3H]threo-(+/-)-methylphenidate binding: correlation with [3H]dopamine uptake. Janowsky A, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):187-91

[3H]Threo-(+/-)-methylphenidate binding to 3,4-dihydroxyphenylethylamine uptake sites in corpus striatum: correlation with the stimulant properties of ritalinic acid esters. Schweri MM, et al. **J Neurochem** 1985 Oct;45(4):1062-70

Distribution of methylphenidate and p-hydroxymethylphenidate in rats. Patrick KS, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):61-5

PHARMACODYNAMICS

Effects of methylphenidate on reading in children with attention deficit disorder. Ballinger CT, et al. **Am J Psychiatry** 1984 Dec;141(12):1590-3

Hyperactivity, drugs and attention deficit. Pozzi M, et al. **Br J Clin Psychol** 1984 Sep;23 (Pt 3):217-23

Place preference conditioning with methylphenidate and nomifensine. Martin-Iverson MT, et al. **Brain Res** 1985 Apr 15;332(1):59-67

Attention deficit disorder children with or without hyperactivity. Which behaviors are helped by stimulants? Ullmann RK, et al. **Clin Pediatr (Phila)** 1985 Oct; 24(10):547-51

Hyperresponsiveness to methylphenidate in rats following prenatal ethanol exposure. Means LW, et al. **Neurobehav Toxicol Teratol** 1984 May-Jun;6(3):187-92

Methylphenidate, but not other CNS stimulants, inhibits red blood cell calcium-activated potassium efflux. Lackington I, et al. **Pharmacol Res Commun** 1985 Jan;17(1):63-8

The effect of methylphenidate on information processing. Naylor H, et al. **Psychopharmacology (Berlin)** 1985; 86(1-2):90-5

Effects of methylphenidate on young adults' performance and event-related potentials in a vigilance and a paired-associates learning test. Strauss J, et al. **Psychophysiology** 1984 Nov;21(6):609-21

POISONING

Ischaemia following selfadministered intra-arterial injection of methylphenidate and diamorphine. A case report of treatment with intra-arterial urokinase and review. Corser G, et al. **Anaesthesia** 1985 Jan;40(1):51-4

RADIATION EFFECTS

[Changes in the distribution of methylphenidate in rats after irradiation] Obršál J, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):255-65 (Eng. Abstr.) **(Cze)**

THERAPEUTIC USE

State-dependent learning in hyperactive children receiving methylphenidate. Becker-Mattes A, et al. **Am J Psychiatry** 1985 Apr;142(4):455-9

A controlled study of methylphenidate in the treatment of attention deficit disorder, residual type, in adults. Wender PH, et al. **Am J Psychiatry** 1985 May;142(5):547-52

Methylphenidate effects on symptoms of attention deficit disorder in adults. Mattes JA, et al. **Arch Gen Psychiatry** 1984 Nov;41(11):1059-63

Methylphenidate and children with attention deficit disorder. Dose effects on classroom academic and social behavior. Pelham WE, et al. **Arch Gen Psychiatry** 1985 Oct; 42(10):948-52

Stimulants, urinary catecholamines, and indoleamines in hyperactivity. A comparison of methylphenidate and dextroamphetamine. Zametkin AJ, et al. **Arch Gen Psychiatry** 1985 Mar;42(3):251-5

Methylphenidate therapy for aggression in a man with ring 22 chromosome. Report and literature review. Reeve A, et al. **Arch Neurol** 1985 Jan;42(1):69-72

Evaluating drug effectiveness in an office setting for children with attention deficit disorders. Ottinger DR, et al. **Clin Pediatr (Phila)** 1985 May;24(5):245-51

Effects of reward and methylphenidate on heart rate response morphology of augmenting and reducing children. Ackerman PT, et al. **Int J Psychophysiol** 1984 Jun; 1(4):301-16

The normalizing effects of methylphenidate on the classroom behavior of ADDH children. Abikoff H, et al. **J Abnorm Child Psychol** 1985 Mar;13(1):33-44

Methylphenidate and cognitive therapy: a comparison of treatment approaches with hyperactive boys. Brown RT, et al. **J Abnorm Child Psychol** 1985 Mar;13(1):69-87

Attention deficit disorder and the effect of methylphenidate on attention, behavioral, and cardiovascular functioning. Brown RT, et al. **J Clin Psychiatry** 1984 Nov;45(11):473-6

Combined MAOI, TCA, and direct stimulant therapy of treatment-resistant depression. Feighner JP, et al. **J Clin Psychiatry** 1985 Jun;46(6):206-9

Treatment of attention deficit and borderline personality disorders with psychostimulants: case report. Hooberman D, et al. **J Clin Psychiatry** 1984 Oct;45(10):441-2

Effects of age and Ritalin dosage on the mother-child interactions of hyperactive children. Barkley RA, et al. **J Consult Clin Psychol** 1984 Oct;52(5):750-8

Cognitive-behavioral and pharmacologic interventions for hyperactive boys: comparative and combined effects. Hinshaw SP, et al. **J Consult Clin Psychol** 1984 Oct; 52(5):739-49

Dyskinetic symptoms in profoundly retarded residents following neuroleptic withdrawal and during methylphenidate treatment. Aman MG, et al. **J Ment Defic Res** 1985 Jun;29 (Pt 2):187-95

Methylphenidate (Ritalin) treatment of cocaine dependence--a preliminary report. Khantzian EJ, et al. **J Subst Abuse Treat** 1984;1(2):107-12

Prevention of stress-induced gastric ulcers by dopamine agonists in the rat. Hernandez DE, et al. **Life Sci** 1984 Dec 10;35(24):2453-8

Effects of methylphenidate on whirler mice: an animal model for hyperkinesis. Sackler AM, et al. **Life Sci** 1985 Aug 5; 37(5):425-31

Gilles de la Tourette's syndrome: effects of stimulant drugs. Erenberg G, et al. **Neurology** 1985 Sep;35(9):1346-8

Ten years of experience with 1,000 hyperactive children in a private practice. Eichlseder W. **Pediatrics** 1985 Aug; 76(2):176-84

Adolescents and ritalin [letter] Huessy HR. **Pediatrics** 1985 Mar;75(3):614

Rate-dependency and hyperactivity: methylphenidate effects on operant responding. Rapport MD, et al. **Pharmacol Biochem Behav** 1985 Jul;23(1):77-83

Efficacy of ACTH 4-9 analog, methylphenidate, and placebo on attention deficit disorder with hyperkinesis. Butter HJ, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1984; 8(4-6):661-4

Adherence to methylphenidate therapy in a pediatric population: a preliminary investigation. Brown RT, et al. **Psychopharmacol Bull** 1985;21(1):28-36

Pharmacological treatment of attention deficit disorder, residual type (ADD,RT, 'minimal brain dysfunction,' 'hyperactivity') in adults. Wender PH, et al. **Psychopharmacol Bull** 1985;21(2):222-31

Methylphenidate: rate-dependent drug effects in hyperactive boys. Weber K. **Psychopharmacology (Berlin)** 1985; 85(2):231-5

METHYLPHENOBARBITOL see MEPHOBARBITAL

METHYLPHENYL ETHERS see ANISOLES

METHYLPREDNISOLONE

ADMINISTRATION & DOSAGE

Liver transplantation with cyclosporine and low-dose corticosteroids. Williams JW, et al. **Am Surg** 1985 Mar; 51(3):155-7

The use of high-dose pulse methylprednisolone in rheumatoid arthritis. Unproved therapy. Barry M. **Arch Intern Med** 1985 Aug;145(8):1483-4

Intravenous pulse methyl prednisolone in the successful treatment of severe sarcoid polyneuropathy with pulmonary involvement. Allen RK, et al. **Aust NZ J Med** 1985 Feb;15(1):45-6

Thrombocytopenia in a case of systemic lupus erythematosus: repeated administration of 'pulse' methyl prednisolone. Mackworth-Young CG, et al. **Br J Rheumatol** 1984 Nov; 23(4):298-300

Methylprednisolone pulse therapy for lupus nephritis: a followup study. Hoch S, et al. **Clin Exp Rheumatol** 1984 Oct-Dec;2(4):313-20

Stenosing tenosynovitis of the fingers and thumb. Results of a prospective trial of steroid injection and splinting. Rhoades CE, et al. **Clin Orthop** 1984 Nov;(190):236-8

Effect of large doses of methylprednisolone on supratentorial intracranial tumors. A clinical and CAT scan evaluation. Leiguarda R, et al. **Eur Neurol** 1985;24(1):23-32

Pulse steroids in hematologic diseases. Jacob HS. **Hosp Pract [Off]** 1985 Aug 15;20(8):87-94

Two sudden deaths during prophylactic antiemetic treatment with high doses of domperidone and methylprednisolone [letter] Giaccone G, et al. **Lancet** 1984 Dec 8; 2(8415):1336-7

Bolus methylprednisolone for refractory Diamond-Blackfan syndrome [letter] Ozsoylu S. **Lancet** 1984 Nov 3; 2(8410):1033

High-dose methylprednisolone in acute immune cold hemolysis [letter] Meytes D, et al. **N Engl J Med** 1985 Jan 31;312(5):318

High dose glucocorticoids in the management of severe head injury. Giannotta SL, et al. **Neurosurgery** 1984 Oct; 15(4):497-501

Evaluation of a low dose administration of aspirin, dipyridamol and steroid. Therapeutic effects on motor function and protective effects on Na+-K+-activated ATPase activity against lipid peroxidation in an experimental model of spinal cord injury. Fujita Y, et al. **Paraplegia** 1985 Feb;23(1):56-7

Intravenous methylprednisolone in the treatment of systemic lupus erythematosus. Mackworth-Young CG, et al. **Scand J Rheumatol [Suppl]** 1984;54:16-8

Intravenous pulse methylprednisolone therapy of acute primary crescenteric rapidly progressive glomerulonephritis. Tallgren LG. **Scand J Rheumatol [Suppl]** 1984;54:24-6

Cyclosporine in the treatment of acute allograft rejection refractory to high-dose methylprednisolone: results of a prospectively randomized trial. Margreiter R, et al. **Transplant Proc** 1984 Oct;16(5):1202-4

Treatment of human acute graft-versus-host disease with antithymocyte globulin and cyclosporine with or without methylprednisolone. Deeg HJ, et al. **Transplantation** 1985 Aug;40(2):162-6

[Effect of combined use of adrenocortical hormones and domperidone as anti-emetics during cisplatin therapy] Tanaka T, et al. **Gan To Kagaku Ryoho** 1985 May; 12(5):1049-55 (Eng. Abstr.) **(Jpn)**

[Efficacy and problems of the pulse therapy and alternate-day schedule] Miyawaki S, et al. **Nippon Rinsho** 1984 Nov;42(11):2509-15 (32 ref.) **(Jpn)**

[Treatment of kidney diseases with massive doses of methylprednisolone] Kal'tianis PA. **Pediatriia** 1985 Jun; (6):69-72 (59 ref.) **(Rus)**

[Supraorbital eosinophilic granuloma. Local treatment with corticoids] Sánchez JL, et al. **An Esp Pediatr** 1984 Jun; 20(9):914-6 **(Spa)**

[Lupus nephritis: treatment with intravenous pulses of methylprednisolone and cyclophosphamide (letter)] Giganti J, et al. **Medicina (B Aires)** 1984;44(2):219-20 **(Spa)**

ADVERSE EFFECTS

Methyl prednisolone infusion in rheumatoid arthritis [letter] Kirk AP, et al. **Br J Rheumatol** 1985 Feb;24(1):119

Increased serum pancreatic enzymes after treatment with methylprednisolone: possible evidence of subclinical pancreatitis. Dandona P, et al. **Br Med J [Clin Res]** 1985 Jul 6;291(6487):24

Acute polymyalgia in severely neutropenic patients with E. coli septicaemia after high-dose steroid therapy--a discrete syndrome? [letter] Blecher TE, et al. **Clin Lab Haematol** 1985;7(1):97-9

Deficiency of fibrinogen and factor VII following treatment of severe aplastic anaemia with anti-thymocyte globulin and high-dose methylprednisolone. Fischer M, et al. **Scand J Haematol** 1985 Apr;34(4):312-6

[Allergy for injectable corticosteroids] de Boer EM, et al. **Ned Tijdschr Geneeskd** 1984 Aug 4;128(31):1486-7 (Eng. Abstr.) **(Dut)**

[Peracute disseminated course of fatal Aspergillus fumigatus infection in liver failure and corticoid therapy. A case report on the epidemiology, pathogenesis and diagnosis of the systemic course of Aspergillus infections] Grosse G, et al. **Klin Wochenschr** 1985 Jun 3;63(11):523-8 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

A dermatitis-eosinophilia syndrome. Treatment with methylprednisolone pulse therapy. Dahl MV, et al. **Arch Dermatol** 1984 Dec;120(12):1595-7

Delayed hypersensitivity to a corticosteroid suspension containing methylprednisolone. Two cases of conjunctival inflammation after retrobulbar injection. Mathias CG, et al. **Arch Dermatol** 1985 Feb;121(2):258-61

Experimental posttraumatic pulmonary microembolism. Effects of methylprednisolone on its development. Jansson I, et al. **Arch Surg** 1985 Apr;120(4):453-8

Metabolic and cardiovascular effects of endotoxin infusion in conscious unrestrained rats: effects of methylprednisolone and BW755C. McKechnie K, et al. **Circ Shock** 1985;15(3):205-15

Kinetics of methylprednisolone and its hemisuccinate ester. Derendorf H, et al. **Clin Pharmacol Ther** 1985 May; 37(5):502-7

Positive patch test reactions to injectable corticosteroids. de Boer EM, et al. **Contact Dermatitis** 1984 Oct;11(4):261-2

High-dose methylprednisolone sodium succinate (pulse therapy) in the treatment of renal disease: plasma and urine concentrations. Searle M, et al. **Eur J Clin Pharmacol** 1985; 28(3):245-8

Alclometasone dipropionate cream 0.05% versus clobetasone butyrate cream 0.05%. A controlled clinical comparison in the treatment of atopic dermatitis in children. Lassus A. **Int J Dermatol** 1984 Oct;23(8):565-6

Computed tomographic analysis of the effects of hyperosmolar mannitol and methylprednisolone on myocardial infarct size. Slutsky RA, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):273-9

Transient hypercorticism after epidural steroid injection. A case report. Stambough JL, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1115-6

Determination of methylprednisolone and methylprednisolone acetate in synovial fluid using high-performance liquid chromatography. Alvinerie M, et al. **J Chromatogr** 1984 Aug 10;309(2):385-90

Direct cortisone injection in eosinophilic granuloma of bone: a preliminary report on 11 patients. Capanna R, et al. **J Pediatr Orthop** 1985 May-Jun;5(3):339-42

Strategies in the design of solution-stable, water-soluble prodrugs II: properties of micellar prodrugs of methylprednisolone. Anderson BD, et al. **J Pharm Sci** 1985 Apr;74(4):375-81

Strategies in the design of solution-stable, water-soluble prodrugs III: influence of the pro-moiety on the bioconversion of 21-esters of corticosteroids. Anderson BD, et al. **J Pharm Sci** 1985 Apr;74(4):382-7

Naloxone and methylprednisolone sodium succinate enhance sympathomedullary discharge in patients with septic shock. Hughes GS Jr. **Life Sci** 1984 Dec 3;35(23):2319-26

Epidural Depo-Medrol revisited [letter] Sekel R. **Med J Aust** 1984 Nov 10;141(10):688

Epidural steroid therapy for low back pain. Wallace G, et al. **Postgrad Med** 1985 Jul;78(1):213-5, 218

Depletion of mucosal mast cell protease by corticosteroids: effect on intestinal anaphylaxis in the rat. King SJ, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1214-8

Adult respiratory distress syndrome in cases of severe trauma--the prophylactic value of methylprednisolone sodium succinate. van der Merwe CJ, et al. **S Afr Med J** 1985 Feb 23;67(8):279-84

Contrast examination as a prognostic factor in the treatment of solitary bone cyst by cortisone injection. Capanna R, et al. **Skeletal Radiol** 1984;12(2):97-102

The facet joint and its role in spine pain. Management with facet joint injections. Lippitt AB. **Spine** 1984 Oct; 9(7):746-50

Methylprednisolone sodium succinate (Solu-Medrol) in the treatment of typhoid perforation (a preliminary report). Ajao OG, et al. **Trans R Soc Trop Med Hyg** 1984; 78(5):573-6

[Treatment of juvenile bone cysts using topical administration of methylprednisolone acetate] Stědrý V, et al. **Acta Chir Orthop Traumatol Cech** 1984 Jul;51(4):301-8 (Eng. Abstr.) **(Cze)**

[Facial palsy of a short duration induced by compressing the extratemporal facial nerve] Fujita H. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):304-18 (Eng. Abstr.) **(Jpn)**

[Usefulness of Depo-Medrol in the treatment of bone cysts] Bieniek J, et al. **Chir Narzadow Ruchu Ortop Pol** 1984; 49(3):261-4 (Eng. Abstr.) **(Pol)**

[Use of depo-medrol in the complex conservative treatment of patients with arthroses deformans] Borisiuk BE, et al. **Ortop Travmatol Protez** 1985 Feb;(2):41-2 **(Rus)**

ANALYSIS

Determination of methylprednisolone and methylprednisolone acetate in synovial fluid using high-performance liquid chromatography. Alvinerie M, et al. **J Chromatogr** 1984 Aug 10;309(2):385-90

BLOOD

Nonresolving Cushing's syndrome due to depot methylprednisolone verified by high-performance liquid chromatography [letter] Stabler TV, et al. **South Med J** 1985 Sep;78(9):1143-4

[Plasma assays in bolus injections of methylprednisolone in children (letter)] Perignon F, et al. **Presse Med** 1984 Nov 17;13(41):2522 **(Fre)**

METABOLISM

Cimetidine-methylprednisolone-theophylline metabolic interaction. Green AW, et al. **Am J Med** 1984 Dec; 77(6):1115-8

Kinetics of methylprednisolone and its hemisuccinate ester. Derendorf H, et al. **Clin Pharmacol Ther** 1985 May; 37(5):502-7

Methylprednisolone disposition in rabbits. Analysis, prodrug conversion, reversible metabolism, and comparison with man. Ebling WF, et al. **Drug Metab Dispos** 1985 May-Jun; 13(3):296-304

Methylprednisolone half-life during simultaneous barbiturate treatment and mechanical hyperventilation of neurosurgical patients. Gabrielsen J, et al. **J Neurosurg** 1985 Feb; 62(2):182-5

PHARMACODYNAMICS

Methylprednisolone acts at the endothelial cell level reducing inflammatory responses. Björk J, et al. **Acta Physiol Scand** 1985 Feb;123(2):221-4

Steroid pretreatment does not prevent paraquat pneumonitis in rabbits. Seidenfeld JJ. **Am J Med Sci** 1985 Feb; 289(2):51-4

Corticosteroids in corneal endothelial wound healing. Singh G. **Ann Ophthalmol** 1985 Apr;17(4):238-43

The effect of short-term corticosteroid incubation on the alloactivating and antigen-presenting capacity of human epidermal Langerhans cells. Braathen LR, et al. **Br J Dermatol** 1984 Sep;111(3):295-302

Modification of endotoxin-induced haemodynamic and haematological changes in the rabbit by methylprednisolone, F(ab')2 fragments and rosmarinic acid. Bult H, et al. **Br J Pharmacol** 1985 Feb;84(2):317-27

Resistance to methylprednisolone in cultures of blood mononuclear cells from glucocorticoid-resistant asthmatic patients. Poznansky MC, et al. **Clin Sci** 1984 Dec; 67(6):639-45

Effect of corticosteroids on electrolyte transport of the isolated human and rabbit lens. Kana JS, et al. **Curr Eye Res** 1985 Apr;4(4):461-5

Enhancement of experimental bacteremia and endocarditis caused by dysgonic fermenter (DF-2) bacterium after treatment with methylprednisolone and after splenectomy. Butler T, et al. **Infect Immun** 1985 Jan;47(1):294-300

Cyclosporin A inhibits helper/inducer surface antigen expression on activated human lymphocytes. Marder P, et al. **Int J Immunopharmacol** 1985;7(2):165-75

Inhibition of the antigen activated T cell response by methylprednisolone is caused by inhibition of interleukin-2 (IL-2) production. Randazzo B, et al. **Int J Immunopharmacol** 1984;6(5):419-23

Steroids reduce complement activation in rheumatoid arthritis. Brandslund I, et al. **Int J Tissue React** 1985; 7(2):161-5

The immediate and short-term effects of corticosteroids on cholinergic hyperreactivity and pulmonary function in subjects with well-controlled asthma. Mattoli S, et al. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):214-22

Glucocorticoids stimulate elastin production in differentiated bovine ligament fibroblasts but do not induce elastin synthesis in undifferentiated cells. Mecham RP, et al. **J Biol Chem** 1984 Oct 25;259(20):12414-8

Effects of phenobarbitone and 6-methylprednisolone pretreatment on pressure/flow relations in the superior mesenteric and iliac arterial beds of the rat. Hiley CR, et al. **J Pharm Pharmacol** 1985 Mar;37(3):164-9

Methylprednisolone impairs the bactericidal activity of alveolar macrophages. White JC, et al. **J Surg Res** 1985 Jul;39(1):46-52

Differential effects of steroids on leukocyte-mediated glomerulonephritis in the rabbit. Holdsworth SR, et al. **Kidney Int** 1984 Aug;26(2):162-9

Effects of methylprednisolone on the response to group B streptococcal toxin in sheep. Rojas J, et al. **Pediatr Res** 1984 Nov;18(11):1141-4

Effect of prednisolone on the rat bone calcium, phosphorus and magnesium concentration. Simecková A, et al. **Physiol Bohemoslov** 1985;34(2):155-60

Effect of glucocorticoid treatment on skin capillary blood flow and viability in cutaneous and myocutaneous flaps in the pig. Nakatsuka T, et al. **Plast Reconstr Surg** 1985 Sep;76(3):374-85

Effect of the immunosuppressive drugs cyclosporine and methylprednisolone on lymphokine responses in vitro. MacSween JM, et al. **Transplant Proc** 1985 Aug; 17(4):1984-6

Lymphocyte sensitivity to glucocorticoids before and after cadaver kidney transplantation. Langhoff E, et al. **Transplantation** 1985 Mar;39(3):318-20

[Anti-inflammatory effect and tachyphylaxis of systemic and combined systemic-topical treatment with corticosteroids in the pyrexal erythema test] Stengel R, et al. **Z Hautkr** 1984 Dec 1;59(23):1620-2 (Eng. Abstr.) **(Ger)**

THERAPEUTIC USE

Methylprednisolone reduces vascular resistance in hypoxic and atelectatic lungs. Strømme-Hansen L, et al. **Acta Anaesthesiol Scand** 1985 May;29(4):446-52

Bolus methylprednisolone therapy in chronic idiopathic thrombocytopenic purpura in children [letter] Ozsoylu S. **Acta Haematol (Basel)** 1984;72(5):359

Pulse methylprednisolone therapy in severe idiopathic childhood nephrotic syndrome. Murnaghan K, et al. **Acta Paediatr Scand** 1984 Nov;73(6):733-9

Methylprednisolone pulse therapy induced fall in natural killer cell activity in rheumatoid arthritis. Pedersen BK, et al. **Acta Pathol Microbiol Immunol Scand** [C] 1984 Oct; 92(5):319-23

Prevention of postoperative facial edema with steroids after facial surgery. Habal MB. **Aesthetic Plast Surg** 1985; 9(2):69-71

Methylprednisolone and troleandomycin in treatment of steroid-dependent asthmatic children. Eitches RW, et al. **Am J Dis Child** 1985 Mar;139(3):264-8

Treatment of acute graft-versus-host disease after allogeneic marrow transplantation. Randomized study comparing corticosteroids and cyclosporine. Kennedy MS, et al. **Am J Med** 1985 Jun;78(6 Pt 1):978-83

Modification of pulmonary responses to endotoxemia in awake sheep by steroidal and nonsteroidal anti-inflammatory agents. Begley CJ, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1140-6

The protective effect of methylprednisolone on carbachol-induced bronchospasm. Israel RH, et al. **Am Rev Respir Dis** 1984 Dec;130(6):1019-22

The effect of high dose glucocorticoid therapy on immunoglobulin E in asthma. Gordon EH, et al. **Ann Allergy** 1984 Dec;53(6):476-9

Circulating hyaluronate in rheumatoid arthritis: relationship to inflammatory activity and the effect of corticosteroid therapy. Engström-Laurent A, et al. **Ann Rheum Dis** 1985 Feb;44(2):83-8

Early steroid therapy for respiratory failure. Weigelt JA, et al. **Arch Surg** 1985 May;120(5):536-40

Methylprednisolone as an antiemetic drug. A randomised double blind study. Schallier D, et al. **Cancer Chemother Pharmacol** 1985;14(3):235-7

Action of oral methylprednisolone in terminal cancer patients: a prospective randomized double-blind study. Bruera E, et al. **Cancer Treat Rep** 1985 Jul-Aug; 69(7-8):751-4

Methylprednisolone and chlorpromazine alone or in combination for the control of cisplatin-induced emesis. Panza N, et al. **Cancer Treat Rep** 1984 Oct;68(10):1310-1

Low-dose metoclopramide versus methylprednisolone in controlling chemotherapy induced nausea and vomiting. Chiara S, et al. **Chemioterapia** 1984 Oct;3(5):333-6

The antiemetic effect of methylprednisolone in patients treated with cis-platinum (CDDP) for advanced testicular germ cell tumors. Salvioni R, et al. **Chemioterapia** 1984 Aug;3(4):223-6

Increased survival of endotoxin-injected dogs treated with methylprednisolone, naloxone, and ibuprofen. Almqvist PM, et al. **Circ Shock** 1984;14(2):129-36

Methylprednisolone plus ibuprofen increases mortality in septic rats. Elinger JH, et al. **Circ Shock** 1984;14(3):203-8

Neuroendocrine and cardiovascular changes in septic shock and after cardiac surgery: effect of high-dose corticosteroid therapy. Hinds CJ, et al. **Circ Shock** 1985;15(1):61-72

The splenic extraction ratio of antibody-coated erythrocytes and its response to plasma exchange and pulse methylprednisolone. Walport MJ, et al. **Clin Exp Immunol** 1985 Jun;60(3):465-73

Nitrogen mustard and methylprednisolone in severe rheumatoid arthritis [letter] Kalra M, et al. **Clin Rheumatol** 1984 Dec;3(4):554-5

The use of methylprednisolone and metoclopramide in control of emesis in patients receiving cis-platinum. Benrubi GI, et al. **Gynecol Oncol** 1985 Jul;21(3):306-13

Suppression of natural killer activity in patients treated with cisplatin and methylprednisolone. Takahashi K, et al. **J Cancer Res Clin Oncol** 1985;109(1):78-81

Intravenous methylprednisolone for multiple sclerosis in relapse. Barnes MP, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):157-9

Corticosteroid therapy in thrombocytopenic infants of women with autoimmune thrombocytopenia. Karpatkin M. **J Pediatr** 1984 Oct;105(4):623-5

Gold induced severe aplastic anemia: medullary autologous reconstitution after immunosuppression [letter] Salvarani C, et al. **J Rheumatol** 1985 Apr;12(2):387

Pharmacologic interventions in acute mesenteric ischemia: improved survival with intravenous glucagon, methylprednisolone, and prostacyclin. Kazmers A, et al. **J Vasc Surg** 1984 May;1(3):472-81

Pneumocystis pneumonia: response to corticosteroids [letter] Foltzer MA, et al. **JAMA** 1985 Feb 15;253(7):979

Effect of methylprednisolone on monocrotaline-induced pulmonary vascular disease and right ventricular hypertrophy. Langleben D, et al. **Lab Invest** 1985 Mar; 52(3):298-303

Steroid treatment lowers hepatic fibroplasia, as explored by serum aminoterminal procollagen III peptide, in chronic liver disease. Ballardini G, et al. **Liver** 1984 Dec;4(6):348-52

The steroid treatment of hereditary motor and sensory neuropathy. Prensky AL, et al. **Neuropediatrics** 1984 Oct; 15(4):203-7

Evaluation of methylprednisolone and flurbiprofen for inhibition of the postoperative inflammatory response. Sisk AL, et al. **Oral Surg Oral Med Oral Pathol** 1985 Aug; 60(2):137-45

Effect of methylprednisolone on complications after removal of impacted mandibular third molars. Bystedt H, et al. **Swed Dent J** 1985;9(2):65-9

Methylprednisolone treatment of an organophosphorus-induced delayed neuropathy. Baker T, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):348-52

Endotoxemia induced by antibiotic therapy: a mechanism for adrenal corticosteroid protection in gram-negative sepsis. Johnston CA, et al. **Trans Assoc Am Physicians** 1984; 97:172-81

Treatment of renal transplant rejection episodes in patients receiving prednisone and azathioprine. A cost-effective approach. Matas AJ, et al. **Transplantation** 1985 Jul; 40(1):35-9

The effect of steroid therapy on serum trace metal levels in sub-fertile males. Scott R, et al. **Urol Res** 1984; 12(4):213-5

Methylprednisolone [letter] **Vet Rec** 1984 Aug 18; 115(7):159-60

An ultrastructural study of the effect of the steroid in puromycin aminonucleoside nephrosis rats. Fujiwara Y. **Virchows Arch** [A] 1984;405(1):11-24

[Preliminary observation on methyl-prednisolone in the treatment of SLE] Dong Y, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Oct; 6(5):363-5 (Eng. Abstr.) **(Chi)**

[Methylprednisolone pulse therapy in Felty's syndrome] Beyer JM, et al. **Ugeskr Laeger** 1985 May 27;147(22):1774-5 (Eng. Abstr.) **(Dan)**

[Treatment of acute graft versus host reactions with high doses of corticoids (letter)] Dauriac C, et al. **Presse Med** 1985 Feb 23;14(8):489-90 **(Fre)**

[A new case of eosinophilic fasciitis with bone marrow aplasia. Cure by high doses of corticoids (letter)] Quilichini R, et al. **Presse Med** 1985 Feb 16;14(7):427 **(Fre)**

[Use of massive-dose intravenous corticosteroids (pulse methylprednisolone) in rheumatoid arthritis. Clinical and immunological results] Duquesnoy B, et al. **Rev Rhum Mal Osteoartic** 1984 Oct;51(9):477-81 **(Fre)**

[Effect of methylprednisolone and dexamethasone on the prognosis and EEG in severe craniocerebral injuries] Steudel WI, et al. **Neurochirurgia (Stuttg)** 1984 Jul; 27(4):111-4 (Eng. Abstr.) **(Ger)**

[Bone cysts and their treatment with corticosteroids. Long-term results] Bocchi L, et al. **Chir Organi Mov** 1982-83;68(4-6):763-70 (Eng. Abstr.) **(Ita)**

[Use of 6-methyl-prednisolone in impending septic shock] Di Crescenzo V, et al. **Minerva Chir** 1985 Apr 30; 40(8):581-8 (Eng. Abstr.) **(Ita)**

[Use of 6-methylprednisolone in maxillofacial surgery] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Mar-Apr; 34(2):313-5 (Eng. Abstr.) **(Ita)**

[Corticosteroid as an anti-emetic agent in cancer chemotherapy with cis-diammine-dichloroplatinum (II)] Samma S, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):561-5 (Eng. Abstr.) **(Jpn)**

[Therapeutic effects of methylprednisolone on disseminated intravascular coagulation] Ueda M, et al. **Rinsho Ketsueki** 1984 Sep;25(9):1394-401 (Eng. Abstr.) **(Jpn)**

[Bolus methylprednisolone therapy for aplastic anemia: a case report] Urabe A, et al. **Rinsho Ketsueki** 1984 Jun; 25(6):888-93 (Eng. Abstr.) **(Jpn)**

[High-dose intravenous methylprednisolone (pulsotherapy): a possible therapeutic solution for active rheumatic fever with severe carditis] de Couto AA, et al. **Arq Bras Cardiol** 1984 Aug;43(2):97-101 (Eng. Abstr.) **(Por)**

[Treatment of diffuse proliferative lupoid nephritis with high dosages of intravenous methylprednisone. Analysis of 9 cases] Spizzirri FD, et al. **Bol Med Hosp Infant Mex** 1984 Jul;41(7):377-82 (Eng. Abstr.) **(Spa)**

[Treatment of acute demyelinating inflammatory polyradiculoneuritis with megadoses of methylprednisolone. Prospective study] Cabañas García A, et al. **Rev Invest Clin** 1985 Apr-Jun;37(2):119-24 (Eng. Abstr.) **(Spa)**

[Efficacy of a bolus of methyl-prednisolone in acquired recurrent refractory pure red cell aplasia] Chávez-Sánchez G, et al. **Rev Invest Clin** 1984 Oct-Dec;36(4):349-52 (Eng. Abstr.) **(Spa)**

[Essential monoclonal cryoglobulinemia] Carrasco M, et al. **Rev Med Chil** 1984 Nov;112(11):1149-52 (Eng. Abstr.) **(Spa)**

TOXICITY

Steroid-induced accumulation of lipid in the osteocytes of the rabbit femoral head. A histochemical and electron microscopic study. Kawai K, et al. **J Bone Joint Surg [Am]** 1985 Jun;67(5):755-63

METHYLPREDNISOLONE SUCCINATE see under **METHYLPREDNISOLONE**

METHYLPROMAZINE see **TRIMEPRAZINE**

METHYLROSANILINE CHLORIDE see **GENTIAN VIOLET**

METHYLSTANAZOL see **STANOZOLOL**

METHYLSULFADIAZINE see **SULFAMERAZINE**

METHYLTESTOSTERONE

ADVERSE EFFECTS

Reversal of liver damage due to long term methyltestosterone and safety of non-17 alpha-alkylated androgens. Lowdell CP, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):637

Hyperlipidaemia and premature coronary artery disease associated with sex-change in a female. ffrench-Constant CK, et al. **Postgrad Med J** 1985 Jan;61(711):61-3

ANALOGS & DERIVATIVES

[Synthesis of some ring A fused heterocyclic 7 alpha, 17 alpha-dimethyl-17 beta-hydroxyandrost-4-en-3-one] Jiang KL, et al. **Yao Hsueh Hsueh Pao** 1984 Feb; 19(2):119-23 (Eng. Abstr.) **(Chi)**

ANALYSIS

Extraction of a synthetic androgen from fish muscle and quantitation by high performance liquid chromatography. Goudie CA. **Steroids** 1984 Sep;44(3):241-52

BLOOD

Quantitative determination of methyltestosterone and methyltestosterone-d3 in serum by gas chromatography-mass spectrometry. Shinohara Y, et al. **J Chromatogr** 1985 Mar 22;338(2):281-8

CHEMICAL SYNTHESIS

Synthesis of deuterium labeled 17-methyl-testosterone. Shinohara Y, et al. **Steroids** 1984 Sep;44(3):253-60

PHARMACODYNAMICS

A study of androgen-stimulated L-leucine transport by the intestine of rainbow trout (Salmo gairdneri Richardson) in vitro. Habibi HR, et al. **Comp Biochem Physiol [A]** 1984; 79(1):143-9

The effect of oral medroxyprogesterone acetate and methyltestosterone on sexual functioning in a male contraceptive trial. Doody K, et al. **Contraception** 1985 Jan; 31(1):65-70

Effect of 17 alpha-methyltestosterone on the skin and gonads of freshwater male silver eels. Olivereau M, et al. **Gen Comp Endocrinol** 1985 Jan;57(1):64-71

URINE

A chemiluminescent immunoassay for 17 alpha-methyltestosterone. Jansen EH, et al. **Food Addit Contam** 1985 Jan-Mar;2(1):47-53

METHYLTHIOINOSINE see under **INOSINE**

METHYLTHIONINE CHLORIDE see **METHYLENE BLUE**

METHYLTHIOURACIL

ADMINISTRATION & DOSAGE

[Combined use of prodigiozan and methyluracil with immunosuppressive drugs in adjuvant arthritis in rats] Sibiriak SV, et al. **Antibiotiki** 1984 Nov;29(11):845-8 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Cutaneous vasculitis associated with long-term thiouracil therapy. Cox NH, et al. **Clin Exp Dermatol** 1985 May; 10(3):292-5

BLOOD

[Determination of methylthiouracil in bovine plasma with reverse phase high-performance liquid chromatography] Pochard MF, et al. **J Chromatogr** 1984 Aug 17;298(1):183-8 **(Fre)**

METHYLTRANSFERASES

Indistinguishable physical and catalytic properties of DNA methyltransferase from normal rat liver and a transplantable rat hepatocellular carcinoma. Ruchirawat M, et al. **Carcinogenesis** 1985 Jun;6(6):877-82

Characterization of thymidylate synthetase and dihydrofolate reductase from Plasmodium berghei. Pattanakitsakul SN, et al. **Int J Parasitol** 1984 Oct;14(5):513-20

Covalent bond formation between a DNA-cytosine methyltransferase and DNA containing 5-azacytosine. Santi DV, et al. **Proc Natl Acad Sci USA** 1984 Nov; 81(22):6993-7

ANALYSIS

Methionine synthase assay based on coupling with thymidylate synthase reaction. Rode W, et al. **Acta Biochim Pol** 1985;32(2):163-7

A nitrocellulose-filter assay for the binary complex of 5-fluorodeoxyuridylate and Lactobacillus casei thymidylate synthetase. Ahmed F, et al. **Anal Biochem** 1985 Feb 15;145(1):151-9

A method for the determination of total, free, and 5-fluorodeoxyuridylate-bound thymidylate synthase in cell extracts. Fernandes DJ, et al. **Anal Biochem** 1984 Nov 1; 142(2):378-85

Effect of chronic phenobarbital treatment on folates and one-carbon enzymes in the rat. Carl GF, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3457-63

Stereospecific in vitro N-methylation of nicotine in guinea pig tissues by an S-adenosylmethionine-dependent N-methyltransferase. Cundy KC, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):281-4

Effect of estrogens and antiestrogens on growth-regulatory enzymes in human breast cancer cells in tissue culture. Aitken SC, et al. **Cancer Res** 1985 Apr;45(4):1611-20

Correlation between O6-methylguanine-DNA-methyltransferase activity and resistance of human cells to the cytotoxic and mutagenic effect of N-methyl-N'-nitro-N-nitrosoguanidine. Domoradzki J, et al. **Carcinogenesis** 1984 Dec;5(12):1641-7

O6-Alkylguanine DNA alkyltransferase activity in monkey, human and rat liver. Hall J, et al. **Carcinogenesis** 1985 Feb; 6(2):209-11

Histamine N-methyltransferase preparation used for histamine assay contains endogenous histamine. Harvima RJ, et al. **Clin Chim Acta** 1984 Nov 30;143(3):337-41

Preparation of monoclonal antibodies against DNA-cytosine-5-methyltransferase from human placenta. Kaul S, et al. **Eur J Cell Biol** 1984 Jul;34(2):330-5

Localization of hydroxyindole-O-methyltransferase in the mammalian pineal gland and retina. Wiechmann AF, et al. **Invest Ophthalmol Vis Sci** 1985 Mar;26(3):253-65

Cell cycle-dependent regulation of eukaryotic DNA methylase level. Szyf M, et al. **J Biol Chem** 1985 Jul 25; 260(15):8653-6

Ethanol-induced alterations in rat synaptosomal plasma membrane phospholipids. Relationship to changes in the phospholipid methyltransferases. Magruder JD, et al. **Mol Pharmacol** 1985 Feb;27(2):256-62

DNA methylation: sequences flanking C-G pairs modulate the specificity of the human DNA methylase. Bolden AH, et al. **Nucleic Acids Res** 1985 May 24;13(10):3479-94

[Determination of DNA methylase activity in animal tissue extracts] Burtseva NN, et al. **Biol Nauki** 1985;(2):37-42 (Eng. Abstr.) **(Rus)**

ANTAGONISTS & INHIBITORS

Thymidylate synthase inhibition in cells with arrested DNA synthesis is not due to an allosteric interaction in the replitase complex. Rode W, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):345-51

Inhibition of glycine N-methyltransferase activity by folate derivatives: implications for regulation of methyl group metabolism. Wagner C, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):746-52

Selenite: a good inhibitor of rat-liver DNA methylase. Cox R. **Biochem Int** 1985 Jan;10(1):63-9

Modulation of anti-metabolite effects. Effects of thymidine on the efficacy of the quinazoline-based thymidylate synthetase inhibitor, CB3717. Jackman AL, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3269-75

Azasterol inhibition of delta 24-sterol methyltransferase in Saccharomyces cerevisiae. Oehlschlager AC, et al. **Biochemistry** 1984 Jul 31;23(16):3582-9

Activity of the new antifolate N10-propargyl-5,8-dideazafolate and its polyglutamates against human dihydrofolate reductase, human thymidylate synthetase, and KB cells containing different levels of dihydrofolate reductase. Cheng YC, et al. **Cancer Res** 1985 Feb;45(2):598-600

Vanoxonin, a new inhibitor of thymidylate synthetase. II. Structure determination and total synthesis. Kanai F, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):31-8

Vanoxonin, a new inhibitor of thymidylate synthetase. III. Inhibition of thymidylate synthetase by vanoxonin-vanadium complex. Kanai F, et al. **J Antibiot (Tokyo)** 1985 Jan;38(1):39-50

Enhanced inhibition of thymidylate synthase by methotrexate polyglutamates. Allegra CJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9720-6

Inhibition of S-adenosyl-L-methionine sterol-C-24-methyltransferase by analogues of a carbocationic ion high-energy intermediate. Structure activity relationships for C-25 heteroatoms (N, As, S) substituted triterpenoid derivatives. Rahier A, et al. **J Biol Chem** 1984 Dec 25;259(24):15215-23

The inactivation of thymidylate synthase by periodate. Ivery TC, et al. **J Inorg Biochem** 1984 Dec;22(4):259-70

Potential inhibitors of S-adenosylmethionine-dependent methyltransferases. 10. Base- and amino acid modified analogues of S-aristeromycinyl-L-homocysteine. Houston DM, et al. **J Med Chem** 1985 Apr;28(4):478-82

A potent multisubstrate analogue inhibitor of human thymidylate synthetase. Srinivasan A, et al. **J Med Chem** 1984 Dec;27(12):1710-7

Inhibition of the type I restriction-modification enzymes EcoB and EcoK by the gene 0.3 protein of bacteriophage T7. Bandyopadhyay PK, et al. **J Mol Biol** 1985 Apr 20; 182(4):567-78

Methylcobalamin corrects the deleterious in vitro effect of nitrous oxide on thymidylate synthetase. Haurani FI, et al. **Mol Cell Biochem** 1985 Jan;65(2):153-7

Role of thymidine kinase and thymidylate synthetase in the cytostatic, antimetabolic, and antitumor effects of the carbocyclic analogue of 5-nitro-2'-deoxyuridine. A comparison with 5-nitro-2'-deoxyuridine. Balzarini J, et al. **Mol Pharmacol** 1985 May;27(5):578-83

[Effect of 5-azacytidine on E. coli cells with different DNA-methylases] Venozhinskis MT, et al. **Biokhimiia** 1985 May;50(5):749-54 (Eng. Abstr.) **(Rus)**

BIOSYNTHESIS

Normal human bronchial epithelial cells do not show an adaptive response after treatment with N-methyl-N'-nitro-N-nitrosoguanidine. Krokan H, et al. **Mutat Res** 1985 Sep;146(2):205-9

BLOOD

Phospholipid transmethylation in the membrane of human neutrophils and lymphocytes. Niwa Y, et al. **Arch Biochem Biophys** 1984 Oct;234(1):7-14

Thymidylate synthetase of human lymphocytes augmented in vitro by methotrexate. Haurani FI, et al. **Cancer Biochem Biophys** 1985 Jun;8(1):29-33

Activity of cyclic AMP phosphodiesterase and methyltransferases in leukocyte membranes from allergic patients. Prigent AF, et al. **Clin Chim Acta** 1984 Nov 30; 143(3):225-33

Human erythrocyte histamine N-methyltransferase: radiochemical microassay and biochemical properties. Van Loon JA, et al. **Clin Chim Acta** 1985 Jul 15;149(2-3):237-51

DEFICIENCY

Incorporation of 5-substituted pyrimidine nucleoside analogues into DNA of a thymidylate synthetase-deficient murine FM3A carcinoma cell line. Balzarini J, et al. **Methods Find Exp Clin Pharmacol** 1985 Jan;7(1):19-28

GENETICS

Molecular cloning of cDNA for rat glycine methyltransferase. Ogawa H, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):44-50

Coregulation of dihydrofolate reductase and thymidylate synthase B in bacillus subtilis. Myoda TT, et al. **Biochim Biophys Acta** 1985 Feb 20;824(2):99-103

Processing of the intron-containing thymidylate synthase (td) gene of phage T4 is at the RNA level. Belfort M, et al. **Cell** 1985 Jun;41(2):375-82

Induction of ermC requires translation of the leader peptide. Dubnau D. **EMBO J** 1985 Feb;4(2):533-7

Induction of resistance to alkylating agents in E. coli: the ada+ gene product serves both as a regulatory protein and as an enzyme for repair of mutagenic damage. Teo I, et al. **EMBO J** 1984 Sep;3(9):2151-7

Restriction and modification in Bacillus subtilis: nucleotide sequence, functional organization and product of the DNA methyltransferase gene of bacteriophage SPR. Buhk HJ, et al. **Gene** 1984 Jul-Aug;29(1-2):51-61

S1 nuclease mapping of the phage Mu mom gene promoter: a model for the regulation of mom expression. Hattman S, et al. **Gene** 1984 Jul-Aug;29(1-2):185-98

Nucleotide sequence of the thymidylate synthetase gene (thyP3) from the Bacillus subtilis phage phi 3T. Kenny E, et al. **Gene** 1985;34(2-3):335-42

DNA methyltransferase genes of Bacillus subtilis phages: structural relatedness and gene expression. Noyer-Weidner M, et al. **Gene** 1985;35(1-2):143-50

The genetics of hormone-induced cyclic AMP production and phospholipid N-methylation in inbred strains of mice. Markovac J, et al. **Genet Res** 1985 Apr;45(2):167-77

Genetic system for analyzing Escherichia coli thymidylate synthase. Belfort M, et al. **J Bacteriol** 1984 Oct;160(1):371-8

Isolation of functional cDNA clones for human thymidylate synthase. Ayusawa D, et al. **J Biol Chem** 1984 Dec 10; 259(23):14361-4

In vitro expression of the intron-containing gene for T4 phage thymidylate synthase. Chu FK, et al. **J Biol Chem** 1985 Sep 5;260(19):10680-8

DNA amplification in antifolate-resistant Leishmania. The thymidylate synthase-dihydrofolate reductase gene and abundant mRNAs. Washtien WL, et al. **J Biol Chem** 1985 Jul 5;260(13):7809-12

Identification of the DNA sequences encoding the large subunit of the mRNA-capping enzyme of vaccinia virus. Morgan JR, et al. **J Virol** 1984 Oct;52(1):206-14

Isolation and partial characterization of a bacteriophage T5 mutant unable to induce thymidylate synthetase and its use in studying the effect of uracil incorporation into DNA on early gene expression. Swart WJ Jr, et al. **J Virol** 1985 Apr;53(4):86-91

Genetic characterization of the Escherichia coli cyclopropane fatty acid (cfa) locus and neighboring loci. Grogan DW, et al. **MGG** 1984;196(2):367-72

Response of S. cerevisiae to N-methyl-N'-nitro-N-nitrosoguanidine: mutagenesis, survival and DDR gene expression. Maga JA, et al. **MGG** 1985;200(2):313-21

DNA methylation influences trpR promoter activity in Escherichia coli K-12. Marinus MG. **MGG** 1985; 200(1):185-6

Expression of the Escherichia coli dam methylase in Saccharomyces cerevisiae: effect of in vivo adenine methylation on genetic recombination and mutation. Hoekstra MF, et al. **Mol Cell Biol** 1985 Apr;5(4):610-8

Cell cycle-dependent expression of thymidylate synthase in Saccharomyces cerevisiae. Storms RK, et al. **Mol Cell Biol** 1984 Dec;4(12):2858-64

Thymidylate synthase gene amplification in fluorodeoxyuridine-resistant mouse cell lines. Jenh CH, et al. **Mol Pharmacol** 1985 Jul;28(1):80-5

The role of O6-methylguanine-DNA methyltransferase in cell survival, mutagenesis and carcinogenesis. Yarosh DB. **Mutat Res** 1985 Jan-Mar;145(1-2):1-16

Overproduction of the EcoR V endonuclease and methylase. Bougueleret L, et al. **Nucleic Acids Res** 1985 Jun 11; 13(11):3823-39

Cloning of the E. coli O6-methylguanine and methylphosphotriester methyltransferase gene using a functional DNA repair assay. Margison GP, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):1939-52

Structure of the gene coding for the sequence-specific DNA-methyltransferase of the B. subtilis phage SPR. Pósfai G, et al. **Nucleic Acids Res** 1984 Dec 11; 12(23):9039-49

Nucleotide sequence of a functional cDNA for human thymidylate synthase. Takeishi K, et al. **Nucleic Acids Res** 1985 Mar 25;13(6):2035-43

Nucleotide sequence of the Dpn II DNA methylase gene of Streptococcus pneumoniae and its relationship to the dam gene of Escherichia coli. Mannarelli BM, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4468-72

Assignment of human gene encoding thymidylate synthase to chromosome 18 using interspecific cell hybrids between thymidylate synthase-negative mouse mutant cells and human diploid fibroblasts. Hori T, et al. **Somatic Cell Mol Genet** 1985 May;11(3):277-83

[Enzymes correcting modified bases in DNA: DNA glycosylases, O(6)-methylguanine-DNA methyltransferase] Janion C. **Postepy Biochem** 1983; 29(3-4):299-319 (140 ref.) **(Pol)**

[Characteristics of the gene expression of DNA methylase EcoK cloned in pBR 322] Zinkevich VE, et al. **Dokl Akad Nauk SSSR** 1985;282(4):993-5 **(Rus)**

[Genes of DNA methylase EcoK: their cloning and expression] Zinkevich VE, et al. **Dokl Akad Nauk SSSR** 1984;279(6):1493-6 **(Rus)**

ISOLATION & PURIFICATION

Guanidinoacetate methyltransferase activity in tissues and cultured cells. Daly MM. **Arch Biochem Biophys** 1985 Feb 1;236(2):576-84

Enzymatic synthesis of polymethylated flavonols in Chrysosplenium americanum. I. Partial purification and some properties of S-adenosyl-L-methionine:flavonol 3-, 6-, 7-, and 4'-O-methyltransferases. De Luca V, et al. **Arch Biochem Biophys** 1985 May 1;238(2):596-605

Partial purification and characterization of phospholipid N-methyltransferases from murine thymocyte microsomes. Makishima F, et al. **Arch Biochem Biophys** 1985 Apr; 238(1):315-24

Isolation of the covalent binary complex of 5-fluorodeoxyuridylate and thymidylate synthetase by trichloroacetic acid precipitation. Moore MA, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):37-43

Sequence specificity of isolated DNA-adenine methylases from Mycobacterium smegmatis (butyricum) and Shigella sonnei 47 cells. Nikolskaya II, et al. **Biochem Int** 1985 Mar; 10(3):405-13

Isoelectric focusing of bacterial DNA methylases. Nikolskaya II, et al. **Biochem Int** 1983 Nov;7(5):605-15

Purification and characterization of the bifunctional thymidylate synthetase-dihydrofolate reductase from methotrexate-resistant Leishmania tropica. Meek TD, et al. **Biochemistry** 1985 Jan 29;24(3):678-86

Nuclear matrix-associated DNA methylase. Burdon RH, et al. **Biochim Biophys Acta** 1985 May 24;825(1):70-9

Purification and partial characterization of rat kidney histamine-N-methyltransferase. Harvima RJ, et al. **Biochim Biophys Acta** 1985 Jul 26;841(1):42-9

Purification and properties of methanol:5-hydroxybenzimidazolylcobamide methyltransferase from Methanosarcina barkeri. van der Meijden P, et al. **J Bacteriol** 1984 Nov;160(2):629-35

Purification and NH2-terminal amino acid sequence of human thymidylate synthase in an overproducing transformant of mouse FM3A cells. Shimizu K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):845-50

Purification and structure of the intact Ada regulatory protein of Escherichia coli K12, O6-methylguanine-DNA methyltransferase. Nakabeppu Y, et al. **J Biol Chem** 1985 Jun 25;260(12):7281-8

[Isolation and fractionation of DNA methylases from Mycobacterium butyricum] Sharkova EV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):72-6 (Eng. Abstr.) **(Rus)**

METABOLISM

Changes of activities of thymidylate synthetase and dihydrofolate reductase during phenylhydrazine-induced erythropoietic transformation of the mouse spleen. Panfil B, et al. **Acta Pol Pharm** 1984;41(6):703-7

DNA methylation and DNA structure. Spadari S, et al. **Adv Exp Med Biol** 1984;179:551-6

Enzymatic synthesis of polymethylated flavonols in Chrysosplenium americanum. II. Substrate interaction and product inhibition studies of flavonol 3-, 6-, and 4'-O-methyltransferases. De Luca V, et al. **Arch Biochem Biophys** 1985 May 1;238(2):606-18

Calmodulin-stimulated protein methylation in rat liver cytosol. Siegel FL, et al. **Arch Biochem Biophys** 1985 Mar;237(2):347-53

Impaired histamine metabolism in the Arthus reaction induced in guinea-pig skin. Imamura S, et al. **Arch Dermatol Res** 1985;277(4):313-7

Thymineless death and genetic events in mammalian cells. Seno T, et al. **Basic Life Sci** 1985;31:241-63 (41 ref.)

Remarkable substrate-inhibitor properties of nicotine enantiomers towards a guinea pig lung aromatic azaheterocycle N-methyltransferase. Cundy KC, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):312-6

Delayed methylation and the matrix bound DNA methylase. Davis T, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):678-84

Glutathione: an endogenous substrate for thiopurine methyltransferase? Loo G, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1201-7

Effect of S-adenosylhomocysteine on sulfhydryl xenobiotic transmethylases in rat liver. Loo G, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):965-71

Phospholipid methyltransferase phosphorylation by intact hepatocytes: effect of glucagon. Varela I, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):477-83

Disturbance of methyl group metabolism in alloxan-diabetic sheep. Xue GP, et al. **Biochem Int** 1985 Jun;10(6):897-905

Rapid determination of thymidylate synthase activity and its inhibition in intact L1210 leukemia cells in vitro. Yalowich JC, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2319-24

Isolation and functional effects of monoclonal antibodies binding to thymidylate synthase. Jastreboff MM, et al. **Biochemistry** 1985 Jan 29;24(3):587-92

Studies on the polyglutamate specificity of thymidylate synthase from fetal pig liver. Lu YZ, et al. **Biochemistry** 1984 Dec 18;23(26):6870-6

Mechanism of rat liver DNA methyltransferase interaction with anti-benzo[a]pyrenediol epoxide modified DNA templates. Ruchirawat M, et al. **Biochemistry** 1984 Nov 6;23(23):5426-32

The phospholipid-N-methyltransferase of rat brain microsomes. Bansal VS, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):73-9

DNA methylation patterns. Formation and function. Razin A, et al. **Biochim Biophys Acta** 1984 Sep 10;782(4):331-42 (99 ref.)

Nicotinamide methylation. Tissue distribution, developmental and neoplastic changes. Seifert R, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):259-64

Repair of O6-propylguanine and O6-butylguanine in DNA by O6-alkylguanine-DNA alkyltransferases from rat liver and E. coli. Morimoto K, et al. **Carcinogenesis** 1985 Jul;6(7):1027-31

Human O6-alkylguanine-DNA alkyltransferase fails to repair O4-methylthymine and methyl phosphotriesters in DNA as efficiently as does the alkyltransferase from Escherichia coli. Yarosh DB, et al. **Carcinogenesis** 1985 Jul;6(7):949-53

Comparative studies on thymidylate synthetase from P. berghei and mouse reticulocytes. Pattanakitsakul SN, et al. **Comp Biochem Physiol [B]** 1985;80(3):583-7

Comparative studies on the methionine synthesis in sheep and rat tissues. Xue GP, et al. **Comp Biochem Physiol [B]** 1985;80(3):489-94

Human erythrocyte membrane thiol methyltransferase. S-methylation of captopril, N-acetylcysteine, and 7 alpha-thio-spirolactone. Keith RA, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):717-24

Evidence for a relationship between DNA methylation and DNA replication from studies of the 5-azacytidine-reactivated allocyclic X chromosome. Schmidt M, et al. **Exp Cell Res** 1985 Jun;158(2):301-10

Microbial methylation of benzenethiols and release of methylthiobenzenes. Drotar AM, et al. **Experientia** 1985 Jun 15;41(6):762-4

Characterization of restriction-modification enzymes Cfr13 I from Citrobacter freundii RFL13. Bitinaité JB, et al. **FEBS Lett** 1985 Mar 25;182(2):509-13

Recognition sequences of restriction endonucleases and methylases--a review. Kessler C, et al. **Gene** 1985;33(1):1-102 (420 ref.)

Methyltransferase and phospholipase A2 activity in membranes of neutrophils and lymphocytes from patients with bacterial and viral infections. Niwa Y, et al. **Inflammation** 1985 Mar;9(1):53-65

DNA methylation in eukaryotic cells. Razin A, et al. **Int Rev Cytol** 1984;92:159-85 (150 ref.)

DNA methylation. Inhibition of de novo and maintenance methylation in vitro by RNA and synthetic polynucleotides. Bolden A, et al. **J Biol Chem** 1984 Oct 25;259(20):12437-43

Extent of equilibrium perturbation of the DNA helix upon enzymatic methylation of adenine residues. Cheng SC, et al. **J Biol Chem** 1985 Jan 10;260(1):191-4

The DNA restriction endonuclease of Escherichia coli B. I. Studies of the DNA translocation and the ATPase activities. Endlich B, et al. **J Biol Chem** 1985 May 10;260(9):5720-8

The DNA restriction endonuclease of Escherichia coli B. II. Further studies of the structure of DNA intermediates and products. Endlich B, et al. **J Biol Chem** 1985 May 10;260(9):5729-38

The irreversible binding of azacytosine-containing DNA fragments to bacterial DNA(cytosine-5)methyltransferases. Friedman S. **J Biol Chem** 1985 May 10;260(9):5698-705

Evidence from chemical degradation studies for a covalent bond from 5-fluoro-2'-deoxyuridylate to N-5 of tetrahydrofolate in the ternary complex of thymidylate synthetase-5-fluoro-2'-deoxyuridylate-5,10-methylenetetr Pellino AM, et al. **J Biol Chem** 1985 Sep 15;260(20):10996-1000

Regulation of thymidylate synthase enzyme synthesis in 5-fluorodeoxyuridine-resistant mouse fibroblasts during the transition from the resting to growing state. Jenh CH, et al. **J Cell Physiol** 1985 Jan;122(1):149-54

Oxidation of thymidylate synthase by inorganic compounds. Aull JL, et al. **J Inorg Biochem** 1984 Oct;22(2):119-24

Interaction of N4-hydroxy-2'-deoxycytidylic acid with thymidylate synthetase. Goldstein S, et al. **J Med Chem** 1984 Oct;27(10):1259-62

Phospholipid methylase activity, [3H]S-adenosyl-L-homocysteine binding, and S-adenosyl-L-methionine and S-adenosyl-L-homocysteine levels in rat brain during maturation. Gharib A, et al. **J Neurochem** 1985 Jul;45(1):32-6

Metabolism of S-adenosylmethionine in rat hepatocytes: transfer of methyl group from S-adenosylmethionine by methyltransferase reactions. Tsukada K, et al. **Life Sci** 1985 Aug 19;37(7):665-72

Restriction of hemimethylated DNA by the Bacillus subtilis R system. Bron S, et al. **MGG** 1984;195(1-2):370-3

Phosphatidylethanolamine N-methylation and insulin release in isolated pancreatic islets of the rat. Laychock SG. **Mol Pharmacol** 1985 Jan;27(1):66-73

Long term instability and molecular mechanism of 5-azacytidine-induced DNA hypomethylation in normal and neoplastic tissues in vivo. Lu LJ, et al. **Mol Pharmacol** 1984 Nov;26(3):594-603

Changes in serotonin levels, N-acetyltransferase activity, hydroxyindole-O-methyltransferase activity, and melatonin levels in the pineal gland of the Richardson's ground squirrel in relation to the light-dark cycle. Reiter RJ, et al. **Neuroendocrinology** 1984 Oct;39(4):356-60

HhaI methylase and restriction endonuclease as probes for B to Z DNA conformational changes in d(GCGC) sequences. Zacharias W, et al. **Nucleic Acids Res** 1984 Oct 25;12(20):7677-92

Perturbation of maintenance and de novo DNA methylation in vitro by UVB (280-340 nm)-induced pyrimidine photodimers. Becker FF, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6055-9

Growth-dependent expression of multiple species of DNA methyltransferase in murine erythroleukemia cells. Bestor TH, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2674-8

O6-Alkylguanine-DNA alkyltransferase activity correlates with the therapeutic response of human rhabdomyosarcoma xenografts to 1-(2-chloroethyl)-3-(trans-4-methylcyclohexyl)-1-nitros Brent TP, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2985-9

Active site and complete sequence of the suicidal methyltransferase that counters alkylation mutagenesis. Demple B, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2688-92

Ethylation of poly(dC-dG).poly(dC-dG) by ethyl methanesulfonate stimulates the activity of mammalian DNA methyltransferase in vitro. Farrance IK, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1045-9

Possible depletion of a DNA repair enzyme in human lymphoma cells by subversive repair. Karran P. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5285-9

Phosphatidylcholine produced in rat synaptosomes by N-methylation is enriched in polyunsaturated fatty acids. Tacconi M, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4828-31

Increases in liver microsomal phosphatidylethanolamine methyltransferase activity(s) in mice after short-term ethanol treatments. Smith TL, et al. **Subst Alcohol Actions Misuse** 1984;5(3):131-40

Phosphatidylethanolamine methyltransferase activity in developing, demyelinating, and diabetic mouse brain. Tashiro S, et al. **Tohoku J Exp Med** 1983 Dec;141 Suppl:485-90

[Membrane phosphatidylethanolamine methylase in blood leukocytes and alveolar macrophages of asthmatic patients] Pacheco Y, et al. **Rev Pneumol Clin** 1985;41(1):47-56 (Eng. Abstr.) **(Fre)**

[DNA methylase activity in E. coli cells infected by T5 bacteriophage] Chernov AP, et al. **Biokhimiia** 1985 Jan;50(1):74-7 (Eng. Abstr.) **(Rus)**

[Comparison of specific recognition sites of adenine and cytosine DNA-methylase of Yersinia Pestis EV 76 C dam and dcm by Escherichia coli methylases] Demidova GV, et al. **Biokhimiia** 1984 Oct;49(10):1594-7 (Eng. Abstr.) **(Rus)**

[Determination of the adenine-specific methylase recognition site of Shigella sonnei 47, using hydrazinolysis with subsequent separation of purine oligonucleotides by thin layer chromatography on DEAE- cellulose.] Lopatina NG, et al. **Biokhimiia** 1985 Mar;50(3):495-502 (Eng. Abstr.) **(Rus)**

[Role of enzymatic DNA methylation in cell differentiation and carcinogenesis] Khodosova IA. **Tsitologiia** 1985 Mar;27(3):259-67 (232 ref.) (Eng. Abstr.) **(Rus)**

[Modification of the modification-restriction system in staphylococci] Kvachadze LI, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):121-5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

O6-Methylguanine-DNA transmethylase converts O6-methylguanine thymine base pairs to guanine thymine base pairs in DNA. Toorchen D, et al. **Carcinogenesis** 1984 Dec;5(12):1733-5

Effect of dam methylation on the activity of the E. coli replication origin, oriC. Messer W, et al. **EMBO J** 1985 May;4(5):1327-32

DNA methylation of bacterial viruses T3 and T7 by different DNA methylases in Escherichia coli K12 cells. Krüger DH, et al. **Eur J Biochem** 1985 Jul 15;150(2):323-30

The Escherichia coli O6-methylguanine-DNA methyltransferase does not repair promutagenic O6-methylguanine residues when present in Z-DNA. Boiteux S, et al. **J Biol Chem** 1985 Jul 25;260(15):8711-5

METHYLTYROSINES

ADMINISTRATION & DOSAGE

Antipsychotic treatment with alpha-methyltyrosine in combination with thioridazine: prolactin response and interaction with dopaminergic precursor pools. Larsson M, et al. **J Neural Transm** 1984;60(2):115-32

BLOOD

The formation of 3-hydroxy-4-methoxyphenylalanine and 3-hydroxy-4-methoxyphenethylamine in plasma during L-DOPA therapy in patients with Parkinson's disease. Ishimitsu T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3320-2

Simultaneous determination of L-dopa and 3-O-methyldopa in human serum by high-performance liquid chromatography. Beers MF, et al. **J Chromatogr** 1984 Dec 12;336(2):380-4

DIAGNOSTIC USE

Prolactin and TSH response to alpha-methyl-l-tyrosine in normal subjects and in women with pathological hyperprolactinemia. Ghigo E, et al. **Panminerva Med** 1985 Jan-Mar;27(1):21-4

PHARMACODYNAMICS

Effect of apomorphine, alpha-methylparatyrosine, haloperidol and reserpine on DOPA production in clonal cell lines (PC-12 and N1E-115). Bräutigam M, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):941-7

Brain ascorbic acid and block of the catecholamine synthesis induced by alpha-methyl-tyrosine. Loscalzo B, et al. **Boll Soc Ital Biol Sper** 1984 Sep 30;60(9):1735-8

Catecholamines and pituitary function. 2. Prolactin response to different dopamine doses in normal cycling women and patients with prolactin-secreting pituitary tumors, both before and after endogenous catecholamine synthesis inhibition. Nicoletti I, et al. **Horm Metab Res** 1984 Dec;16(12):658-62

Antiarrhythmic effect of reducing myocardial noradrenaline stores with alpha-methyl-meta-tyrosine. Abrahamsson T, et al. **J Cardiovasc Pharmacol** 1985;7 Suppl 5:S81-5

Facilitatory effects of monoamine synthesis inhibitors on lysine-vasopressin induced changes in the exploratory behaviour pattern of male rats. Höglund AU, et al. **Pharmacol Biochem Behav** 1984 Dec;21(6):859-63

METHYLUREA COMPOUNDS

METABOLISM

[Hygienic evaluation of translocation of the herbicides diuron and monuron] Voloshina LT. **Gig Sanit** 1984 Jul;(7):75 **(Rus)**

PHARMACODYNAMICS

Induction of a cytochrome P-450-dependent fatty acid monooxygenase in Bacillus megaterium by a barbiturate analog, 1-[2-phenylbutyryl]-3-methylurea. Wen LP, et al. **Mol Cell Biochem** 1985 May;67(1):77-81

TOXICITY

[Comparative gonadotoxic effect of maloran in laboratory animals after its administration by different routes] Shepel'skaia NR, et al. **Gig Sanit** 1985 Mar;(3):84-5 **(Rus)**

[Hygienic regulation of the monurone content of soil] Talakin IuN, et al. **Gig Sanit** 1984 Dec;(12):55-7 **(Rus)**

METHYMAZOL see **METHIMAZOLE**

METHYPREGNONE see **MEDROXYPROGESTERONE**

METHYPRYLON

PHARMACODYNAMICS

A genetic analysis of ethanol, pentobarbital, and methyprylon sleep-time response. Howerton TC, et al. **Alcoholism (NY)** 1984 Nov-Dec;8(6):546-50

METHYRIDINE see under **PYRIDINES**

METHYSERGIDE

PHARMACODYNAMICS

Increased susceptibility to radiofrequency radiation due to pharmacological agents. Jauchem JR, et al. **Aviat Space Environ Med** 1984 Nov;55(11):1036-40

Characterization of the receptor mediating contraction of human umbilical artery by 5-hydroxytryptamine. McGrath JC, et al. **Br J Pharmacol** 1985 Jan;84(1):199-202

Effects of methysergide and 5-hydroxytryptamine on carotid blood flow distribution in pigs: further evidence for the presence of atypical 5-HT receptors. Saxena PR, et al. **Br J Pharmacol** 1984 Aug;82(4):817-26

Control of suckling and feeding by methysergide in weaning albino rats: a determination of Y-maze preferences. Stoloff ML, et al. **Dev Psychobiol** 1985 May;18(3):273-85

Responses of isolated canine intermediate auricular arteries to 5-hydroxytryptamine and methysergide. Ito T, et al. **Eur J Pharmacol** 1984 Sep 3;104(1-2):105-9

A paradox: the 5-HT2-receptor antagonist ketanserin restores the 5-HT-induced contraction depressed by methysergide in large coronary arteries of calf. Allosteric regulation of 5-HT2-receptors. Kaumann AJ, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1985 Jan;328(3):295-300

Antagonism of 5-hydroxytryptamine-evoked excitation in the superficial dorsal horn of the cat spinal cord by methysergide. Todd AJ, et al. **Neurosci Lett** 1984 Jul 27;48(2):167-70

Effects of quipazine and methysergide on play in juvenile rats. Normansell L, et al. **Pharmacol Biochem Behav** 1985 May;22(5):885-7

Effect of methysergide pretreatment on thrombin-induced pulmonary oedema in the rat. Sandler H, et al. **Ups J Med Sci** 1984;89(3):221-6

THERAPEUTIC USE

Methysergide (Sansert) treatment in acute stroke. Community pilot study. Weintraub MI. **Angiology** 1985 Mar;36(3):137-42

Effectiveness of methysergide in relation to clinical features of migraine. Drummond PD. **Headache** 1985 May;25(3):145-6

Methysergide in progressive supranuclear palsy [letter] Duncombe AS, et al. **Neurology** 1985 Jun;35(6):936-7

Methysergide therapy in human stroke [letter] Weintraub MI. **Neurology** 1984 Nov;34(11):1527

METIAMIDE see under **THIOUREA**

METIAZINIC ACID see under **PHENOTHIAZINES**

METMYOGLOBIN see under **HEMEPROTEINS**

METOCLOPRAMIDE

ADMINISTRATION & DOSAGE

Pharmacokinetics and efficacy of high-dose metoclopramide given by continuous infusion for the control of cytotoxic drug-induced vomiting. Taylor WB, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):679-84

Randomised trial of intravenous high dose metoclopramide and intramuscular chlorpromazine in controlling nausea and vomiting induced by cytotoxic drugs. Cunningham D, et al. **Br Med J [Clin Res]** 1985 Feb 23;290(6468):604-5

Improved control of cisplatin-induced emesis with high-dose metoclopramide and with combinations of metoclopramide, dexamethasone, and diphenhydramine. Results of consecutive trials in 255 patients. Kris MG, et al. **Cancer** 1985 Feb 1;55(3):527-34

Emesis due to cancer chemotherapy: results of a prospective, randomised, double-blind trial of varying doses of metoclopramide in the management of cis-platinum-induced vomiting. Allan SG, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1481-4

High-dose metoclopramide as an antiemetic in patients receiving cis-platinum-based combination chemotherapy. Gez E, et al. **Gynecol Oncol** 1985 May;21(1):18-22

Metoclopramide: dose-related toxicity and preliminary antiemetic studies in children receiving cancer chemotherapy. Allen JC, et al. **J Clin Oncol** 1985 Aug;3(8):1136-41

Lack of antiemetic effect of high-dose metoclopramide. Roemeling RV, et al. **J Clin Oncol** 1985 Sep;3(9):1273-6

[Randomized control study of high-dose metoclopramide in the prevention of CDDP-induced emesis] Sawamura N, et al. **Gan To Kagaku Ryoho** 1985 Apr;12(4):943-6 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Tardive akathisia and agitated depression during metoclopramide therapy. Shearer RM, et al. **Acta Psychiatr Scand** 1984 Nov;70(5):428-31

Metoclopramide and depression [letter] Bottner RK, et al. **Ann Intern Med** 1985 Sep;103(3):482

Parkinsonism following i.v. administration of high-dose metoclopramide used as an antiemetic agent during cancer chemotherapy. Markman M, et al. **Cancer Treat Rep** 1985 Mar;69(3):341-2

Metoclopramide-induced tetanus-like dystonic reaction. DellaValle R, et al. **Clin Pharm** 1985 Jan-Feb;4(1):102-3

Metoclopramide-induced hypertensive crisis. Filibeck DJ, et al. **Clin Pharm** 1984 Sep-Oct;3(5):548-9

Evaluation of the safety of metoclopramide in patients with gastroesophageal reflux disease. Taylor DM. **Clin Ther** 1984;7(1):28-32

Urinary incontinence associated with metoclopramide [letter] Hasen J. **JAMA** 1984 Dec 21;252(23):3251

Metoclopramide-induced phantom dyskinesia. Jankovic J, et al. **Neurology** 1985 Mar;35(3):432-5

Metoclopramide-induced parkinsonism and severe edema [letter] Ahmad S. **South Med J** 1984 Oct;77(10):1345

Increase in blood pressure in pheochromocytoma induced by domperidone and metoclopramide. Ichikawa S, et al. **Tohoku J Exp Med** 1985 Jun;146(2):149-52

[Adverse effects of drugs acting on the upper digestive system: anti-ulcer agents and modifiers of motoricity] Blanchi A. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):371-3 **(Fre)**

[Severe respiratory disorders and trismus during treatment with metoclopramide (letter)] Faller JP, et al. **Presse Med** 1984 Nov 24;13(42):2584 **(Fre)**

[Acute dystonic reactions after administration of neuroleptics and other drugs] Prusiński A, et al. **Wiad Lek** 1985 Mar 1;38(5):347-51 (Eng. Abstr.) **(Pol)**

[Myoclonus induced by metoclopramide (letter)] Arias C, et al. **Med Clin (Barc)** 1984 Nov 10;83(15):648 **(Spa)**

[Extrapyramidal reactions induced by intravenous metoclopramide (letter)] Martín Jiménez M, et al. **Med Clin (Barc)** 1984 Sep 22;83(8):352-3 **(Spa)**

ANALOGS & DERIVATIVES

Determination of bromopride in human plasma and urine by high-performance liquid chromatography. Brodie RR, et al. **J Chromatogr** 1984 Oct 12;310(2):353-60

BLOOD

Evaluation of a high pressure liquid chromatographic technique for metoclopramide analysis. Bryson SM, et al. **J Clin Hosp Pharm** 1984 Sep;9(3):263-6

[Metoclopramide plasma levels following oral administration of high doses for prophylaxis of emesis in cytostatic therapy] Vergin H, et al. **Arzneimittelforsch** 1984;34(11):1595-7 (Eng. Abstr.) **(Ger)**

DIAGNOSTIC USE

Functional evaluation of the adenohypophysis with metoclopramide in hyperprolactinemic-amenorrheic women in relation to radiological findings on the sella turcica. Seki K, et al. **Endocrinol Jpn** 1984 Dec;31(6):733-9

The effect of metoclopramide on serum thyrotropin level in various stages of hypothyroidism. Jarzab B, et al. **Endokrynol Pol** 1984;35(3):149-55

Gonadotropin secretion before and during acute and chronic dopamine-receptor blockade in insulin-dependent diabetic patients with amenorrhea. Djursing H, et al. **Fertil Steril** 1985 Jul;44(1):49-55

Prolactin and thyrotropin responses to thyrotropin-releasing hormone and metoclopramide in men with chronic alcoholism. Röjdmark S, et al. **J Clin Endocrinol Metab** 1984 Oct;59(4):595-600

[Effect of metoclopramide in a subject at risk for Huntington's chorea] Nivelon-Chevallier A, et al. **J Genet Hum** 1985 Jun;33(2):131-3 (Eng. Abstr.) **(Fre)**

[Usefulness of metoclopramidum-Polfa in the roentgenological diagnosis of defects of the gastrointestinal system in children] Winnicki S, et al. **Probl Med Wieku Rozwoj** 1984;13:73-7 (Eng. Abstr.) **(Pol)**

[The use of radioimmunoassay in the diagnosis of various forms of endocrine infertility] Balabolkin MI, et al. **Med Radiol (Mosk)** 1984 Nov;29(11):32-3 **(Rus)**

METABOLISM

The pharmacokinetics of high dose metoclopramide in patients with neoplastic disease. Bryson SM, et al. **Br J Clin Pharmacol** 1985 Jun;19(6):757-66

Metoclopramide kinetics in patients with impaired renal function and clearance by hemodialysis. Lehmann CR, et al. **Clin Pharmacol Ther** 1985 Mar;37(3):284-9

The pharmacokinetics of the individual constituents of an aspirin-metoclopramide combination ('Migravess'). Manniche PM, et al. **Curr Med Res Opin** 1984;9(3):153-6

Activated charcoal and syrup of ipecac in prevention of cimetidine and pindolol absorption in man after administration of metoclopramide as an antiemetic agent. Neuvonen PJ, et al. **J Toxicol Clin Toxicol** 1984;22(2):103-14

Pharmacokinetic studies of high-dose metoclopramide with and without forced diuresis. Ell C, et al. **Klin Wochenschr** 1985 Jun 18;63(12):572-4

PHARMACODYNAMICS

Metoclopramide given pre-operatively empties the stomach. Adelhøj B, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):322-5

Effect of metoclopramide--a dopaminergic blocker and endogenous cortisol on TSH secretion in critically ill men. Ben Haim S, et al. **Acta Endocrinol (Copenh)** 1985 May;109(1):70-5

Effect of metoclopramide, domperidone and apomorphine on GH secretion in children and adolescents. Massara F, et al. **Acta Endocrinol (Copenh)** 1985 Apr;108(4):451-5

Compensatory adrenal growth and conditioned avoidance response in relation to oestrous cycle and metoclopramide induced constant dioestrus. Sfikakis A, et al. **Acta Endocrinol [Suppl] (Copenh)** 1984;265:12-4

Does metoclopramide decrease the volume of gastric contents in patients undergoing cesarean section? Cohen SE, et al. **Anesthesiology** 1984 Nov;61(5):604-7

The interaction between metoclopramide and dopaminergic agonists at the level of sympathetic ganglion. Tuncer M. **Arch Int Physiol Biochim** 1984 Oct;92(3):227-31

The effect of pizotifen, a serotonin antagonist, and of pirenzepine, a muscarinic antagonist, on hormonal responses to metoclopramide in healthy subjects. Jungmann E, et al. **Arzneimittelforsch** 1984;34(9):1022-4

Effects of exepanol-HCl, metoclopramide and domperidone on the lower esophageal sphincter of dogs. Wolf KU. **Arzneimittelforsch** 1985;35(1):136-7

Bioavailability studies with ciglitazone in beagles. II. Effect of propantheline bromide and metoclopramide HCL on bioavailability of a tablet. Cox SR, et al. **Biopharm Drug Dispos** 1985 Jan-Mar;6(1):81-90

Effect of metoclopramide on gastric emptying before elective and emergency caesarean section. Murphy DF, et al. **Br J Anaesth** 1984 Oct;56(10):1113-6

Metoclopramide reduces carbohydrate absorption in man. Holgate AM, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):67-72

Effect of metoclopramide on digoxin absorption from tablets and capsules. Johnson BF, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):724-30

Effect of metoclopramide on plasma catecholamine release in essential hypertension. Kuchel O, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):372-5

ACTH-mediated effect of metoclopramide on plasma pregnenolone in man. Nishida S, et al. **Endocrinol Jpn** 1984 Jun;31(3):271-6

Metoclopramide stimulation of prolactin secretion in women during puerperal lactation. Komorowski JM, et al. **Endokrynol Pol** 1984;35(3):145-7

Differential effects of metoclopramide and zetidoline on gastrointestinal motility. Lobbezoo MW, et al. **Eur J Pharmacol** 1985 Jan 22;108(2):105-12

Sniffing, rearing and locomotor responses to the D-1 dopamine agonist R-SK&F 38393 and to apomorphine: differential interactions with the selective D-1 and D-2 antagonists SCH 23390 and metoclopramide. Molloy AG, et al. **Eur J Pharmacol** 1985 Feb 5;108(3):305-8

Opposite effects of sulpiride and metoclopramide on amphetamine-induced stereotypy. Robertson A, et al. **Eur J Pharmacol** 1985 Feb 12;109(1):81-9

Different effects of metoclopramide and domperidone on GH release in type I male diabetics. Volpi R, et al. **Horm Metab Res** 1984 Dec;16 Suppl 1:131-3

Effect of metoclopramide pretreatment on apomorphine induced cage climbing behaviour. Uppal RP. **Indian J Exp Biol** 1984 Apr;22(4):224-5

Amphetamine anorexia and metoclopramide. Band AH, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):79-81

Metoclopramide and experimentally-induced gastric ulceration in guinea-pigs. Manekar MS, et al. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):67-70

The reversal by metoclopramide of apomorphine-induced inhibition of responses to stimulation of the cardioaccelerator nerves in the cat. Tuncer M. **Indian J Physiol Pharmacol** 1984 Jan-Mar;28(1):15-20

A comparison of the stimulatory effects of metoclopramide and cinitapride in the guinea-pig isolated ileum. Massingham R, et al. **J Auton Pharmacol** 1985 Mar; 5(1):41-53

Effects of metoclopramide-induced hyperprolactinemia during early follicular development on human ovarian function. Kauppila A, et al. **J Clin Endocrinol Metab** 1984 Nov;59(5):875-81

Metoclopramide increases the release of catecholamines from isolated human phaeochromocytomas. Adler-Graschinsky E, et al. **J Hypertens** 1984 Apr;2(2):127-9

Effect of ganglionic blockade with trimethaphan on corticosteroid responses to metoclopramide in rhesus monkeys. Sowers JR, et al. **J Hypertens** 1984 Aug; 2(4):367-70

Enhanced response of plasma aldosterone to metoclopramide in essential hypertension. Stern N, et al. **J Hypertens** 1984 Apr;2(2):209-14

5-Hydroxytryptamine can antagonize the ability of metoclopramide and SCH 23390 to enhance electrical field stimulation-evoked contractions of guinea-pig isolated stomach muscle. Gunning SJ, et al. **J Pharm Pharmacol** 1985 Jan;37(1):78-80

Effects of metoclopramide on detrusor function. Mitchell WC, et al. **J Urol** 1985 Oct;134(4):791-4

Absent aldosterone response to metoclopramide in patients with high spinal cord transection: evidence that metoclopramide stimulates aldosterone secretion through central pathways. Beck FW, et al. **Life Sci** 1985 Jun 24; 36(25):2435-44

Peripheral receptor populations involved in the regulation of gastrointestinal motility and the pharmacological actions of metoclopramide-like drugs. Fernández AG, et al. **Life Sci** 1985 Jan 7;36(1):1-14 (102 ref.)

Variations of prolactin content in human cerebrospinal fluid after metoclopramide and morphine. Rolandi E, et al. **Life Sci** 1985 Mar 4;36(9):901-5

Prolactin secretion during pregnancy and puerperium: response to metoclopramide and interactions with placental hormones. Bohnet HG, et al. **Obstet Gynecol** 1985 Jun; 65(6):789-92

Metoclopramide potentiates the hypophyseal reactions to oestradiol. Schreiber V, et al. **Physiol Bohemoslov** 1984; 33(5):385-9

Evidence for endogenous dopaminergic control of mineralocorticoids secretion in normal subjects and in patients with hyperaldosteronism. Shimizu Y, et al. **Tohoku J Exp Med** 1984 Sep;144(1):33-42

[Effects of haloperidol, chlorpromazine, metoclopramide and ascorbic acid on adrenergic salivation and lacrimation in mice at an ambient temperature of 30 degrees C] Li BH, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):24-6 (Eng. Abstr.) **(Chi)**

[Histological changes in hypophyseal lactotrophs in rats after administration of metoclopramide] Dušková J, et al. **Cas Lek Cesk** 1984 Jul 6;123(27):822-4 (Eng. Abstr.) **(Cze)**

[Application of an original technic in the evaluation of gastric emptying to the study of primperan] Bergmann JF, et al. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):42-4 (Eng. Abstr.) **(Fre)**

[Primperan: recent pharmacological data on its gastromotor effect] Frontenas P. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):15-6 (Eng. Abstr.) **(Fre)**

[Effects of trimebutine and metoclopramide on colonic motility in the guinea pig] Ishizawa M. **Nippon Heikatsukin Gakkai Zasshi** 1984 Oct;20(5):419-25 (Eng. Abstr.) **(Jpn)**

[The effect of dopaminergic antagonists on plasma aldosterone in normal subjects and patients with hypopituitarism] Shikuma R, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Sep 20;60(9):1041-5 (Eng. Abstr.) **(Jpn)**

[Effect of metoclopramide on prolactin secretion in patients with primary hypothyroidism] Dorobek W, et al. **Pol Tyg Lek** 1984 Jul 16-23;39(29-30):973-5 (Eng. Abstr.) **(Pol)**

[Changes in the energy resources of rat gastric mucosa exposed to dopamine agonists and antagonists in conditions of experimental stress] Groĭsman SD, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):286-8 (Eng. Abstr.) **(Rus)**

[Effect of cerucal and cimetidine on evaluation from the stomach of various types of food in patients with peptic ulcer] Saakian AG, et al. **Klin Med (Mosk)** 1984 Aug; 62(8):59-63 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Golytely lavage--is metoclopramide necessary? Brady CE 3d, et al. **Am J Gastroenterol** 1985 Mar;80(3):180-4

Comparison of anti-emetics [letter] Hammond J, et al. **Anaesthesia** 1985 Apr;40(4):382

The effect of magnesium trisilicate mixture, metoclopramide and ranitidine on gastric pH, volume and serum gastrin. O'Sullivan G, et al. **Anaesthesia** 1985 Mar;40(3):246-53

Ranitidine and metoclopramide for prophylaxis of aspiration pneumonitis in elective surgery. Manchikanti L, et al. **Anesth Analg** 1984 Oct;63(10):903-10

Metoclopramide and cimetidine to reduce gastric fluid pH and volume. Rao TL, et al. **Anesth Analg** 1984 Nov; 63(11):1014-6

Bicitra (sodium citrate) and metoclopramide in outpatient anesthesia for prophylaxis against aspiration pneumonitis. Manchikanti L, et al. **Anesthesiology** 1985 Oct;63(4):378-84

The evaluation of domperidone and metoclopramide as antiemetics in day care abortion patients. Waldmann CS, et al. **Br J Clin Pharmacol** 1985 Mar;19(3):307-10

Metoclopramide versus chlorpromazine in controlling nausea and vomiting induced by cytotoxic drugs [letter] Allan SG, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1212-3

Dexamethasone and high dose metoclopramide: efficacy in controlling cisplatin induced nausea and vomiting. Allan SG, et al. **Br Med J [Clin Res]** 1984 Oct 6;289(6449):878-9

Comparison of the antiemetics metoclopramide and promethazine in labour. Vella L, et al. **Br Med J [Clin Res]** 1985 Apr 20;290(6476):1173-5

Anaesthesia and emesis. Clinical usefulness of metoclopramide [letter] Diamond MJ. **Can Anaesth Soc J** 1985 Mar;32(2):198-200

Improved control of cisplatin-induced emesis with a metoclopramide-dexamethasone combination. Cognetti F, et al. **Cancer Chemother Pharmacol** 1984;13(3):235-7

High-dose intravenous metoclopramide and intermittent intramuscular prochlorperazine and diazepam in the management of emesis induced by cis-dichlorodiammineplatinum. Luesley DM, et al. **Cancer Chemother Pharmacol** 1985;14(3):250-2

Evaluation of a combination antiemetic regimen including iv high-dose metoclopramide, dexamethasone, and diphenhydramine in cisplatin-based chemotherapy regimens. Rosell R, et al. **Cancer Treat Rep** 1985 Jul-Aug; 69(7-8):909-10

Tolfenamic acid, metoclopramide, caffeine and their combinations in the treatment of migraine attacks. Tokola RA, et al. **Cephalalgia** 1984 Dec;4(4):253-63

Low-dose metoclopramide versus methylprednisolone in controlling chemotherapy induced nausea and vomiting. Chiara S, et al. **Chemioterapia** 1984 Oct;3(5):333-6

Metoclopramide as a lactogogue. Gupta AP, et al. **Clin Pediatr (Phila)** 1985 May;24(5):269-72

Acute hemodynamic and humoral effects of metoclopramide on blood pressure control improvement in subjects with diabetic orthostatic hypotension. Bessa AM, et al. **Clin Pharmacol Ther** 1984 Dec;36(6):738-44

Metoclopramide kinetics at high-dose infusion rates for prevention of cisplatin-induced emesis. Saller R, et al. **Clin Pharmacol Ther** 1985 Jan;37(1):43-7

Effect of metoclopramide on gastric liquid emptying in patients with diabetic gastroparesis. Schade RR, et al. **Dig Dis Sci** 1985 Jan;30(1):10-5

Metoclopramide and breast feeding: efficacy and anterior pituitary responses of the mother and the child. Kauppila A, et al. **Eur J Obstet Gynecol Reprod Biol** 1985 Jan; 19(1):19-22

Plasma motilin concentration and interdigestive migrating motor complex in diabetic gastroparesis: effect of metoclopramide. Achem-Karam SR, et al. **Gastroenterology** 1985 Feb;88(2):492-9

Successful administration of metoclopramide for the treatment of nausea in patients with advanced liver disease. A double-blind controlled trial. Uribe M, et al. **Gastroenterology** 1985 Mar;88(3):757-62

The use of methylprednisolone and metoclopramide in control of emesis in patients receiving cis-platinum. Benrubi GI, et al. **Gynecol Oncol** 1985 Jul;21(3):306-13

A randomized comparison of metoclopramide and domperidone on plasma aldosterone concentration and on spironolactone-induced diuresis in ascitic cirrhotic patients. D'Arienzo A, et al. **Hepatology** 1985 Sep-Oct;5(5):854-7

Drug management of adult vascular headaches (migraine and cluster headache): Part I--Treatment of the acute attack. Damasio H. **Iowa Med** 1984 Nov;74(11):490-2

Effect of metoclopramide in diabetic gastroparesis. Ricci DA, et al. **J Clin Gastroenterol** 1985 Feb;7(1):25-32

A comparison of the antiemetic efficacy of prochlorperazine and metoclopramide for the treatment of cisplatin-induced emesis: a prospective, randomized, double-blind study. Carr BI, et al. **J Clin Oncol** 1985 Aug;3(8):1127-32

High-dose intravenous metoclopramide versus combination high-dose metoclopramide and intravenous dexamethasone in preventing cisplatin-induced nausea and emesis: a single-blind crossover comparison of antiemetic efficacy. Strum SB, et al. **J Clin Oncol** 1985 Feb;3(2):245-51

When does metoclopramide facilitate transpyloric intubation? Whatley K, et al. **JPEN** 1984 Nov-Dec;8(6):679-81

Metoclopramide (Reglan) for gastroesophageal reflux. **Med Lett Drugs Ther** 1985 Mar 1;27(682):21-2

Vomiting after anaesthesia for termination of pregnancy in Chinese. Chan SC, et al. **Singapore Med J** 1983 Dec; 24(6):360-2

Comparative evaluation of two outpatient antiemetic regimens for cancer chemotherapy. Pruitt BT, et al. **Tex Med** 1985 Jul;81(7):44-5

Increase in blood pressure in pheochromocytoma induced by domperidone and metoclopramide. Ichikawa S, et al. **Tohoku J Exp Med** 1985 Jun;146(2):149-52

[Primperan and gastroesophageal reflux. Review of the literature] Albot G. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):17-20 (29 ref.) (Eng. Abstr.) **(Fre)**

[Indications for primperan in pediatrics] Coignet J. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):31-3 (25 ref.) (Eng. Abstr.) **(Fre)**

[Value of primperan in digestive studies] Daste J. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):37-41 (Eng. Abstr.) **(Fre)**

[Value of oral primperan in the treatment of migraine] Girard D. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):35-6 (Eng. Abstr.) **(Fre)**

[Use of metoclopramide in the preparation of patients over 75 for gastroscopy] Korn M. **Ann Gastroenterol Hepatol (Paris)** 1984 Jul-Sep;20(4):225-7 (Eng. Abstr.) **(Fre)**

[Comparative double-blind study: alizapride-metoclopramide] Oberling F. **Ann Gastroenterol Hepatol (Paris)** 1984 Jan-Feb; 20(1):59-61 (Eng. Abstr.) **(Fre)**

[Primperan and digestive disorders in aged subjects] Phelip E. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):29-30 (Eng. Abstr.) **(Fre)**

[Treatment of gastroparesis by primperan] Robillard J. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):23-6 (36 ref.) (Eng. Abstr.) **(Fre)**

[Primperan during pregnancy] Saad Zoi R. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):21-2 (Eng. Abstr.) **(Fre)**

[Primperan and the dyspeptic syndrome] Vincentelli JM. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):27-8 (Eng. Abstr.) **(Fre)**

[Benefit and risk of high-dose metoclopramide in comparison to high-dose haloperidol or triflupromazine in cisplatin-induced vomiting] Saller R, et al. **Klin Wochenschr** 1985 May 2;63(9):428-32 (Eng. Abstr.) **(Ger)**

[Effectiveness of metoclopramide in stomach ulcer] Bretzke G. **Z Gesamte Inn Med** 1984 Sep 15;39(18):457-9 (Eng. Abstr.) **(Ger)**

[Cisplatin drug therapy. Antiemetic treatment. Experiences with the use of high-dose metoclopramide combined with chlopromazine and prochlorperazine] Aasebø U, et al. **Tidsskr Nor Laegeforen** 1985 Jan 20;105(2):148-9 (Eng. Abstr.) **(Nor)**

[Use of metoclopramide for the prevention of vomiting induced by cytostatics] Lutyński A, et al. **Nowotwory** 1984 Jul-Sep;34(3):237-44 (Eng. Abstr.) **(Pol)**

[Practical aspects of the peripheral dopaminolytic effect of metoclopramide] Misterek K, et al. **Pol Tyg Lek** 1984 Dec 17-31;39(51-52):1727-30 (41 ref.) **(Pol)**

[Effect of metoclopramide on pentagastrin-stimulated gastroesophageal reflux] Pfliuke F, et al. **Sov Med** 1985; (2):97-9 **(Rus)**

METOLAZONE see under **DIURETICS, SULFAMYL**

METOLQUIZOLONE see **METHAQUALONE**

METOMIDATE see under **IMIDAZOLES**

METOPROLOL

ADMINISTRATION & DOSAGE

A comparison of 100 mg atenolol and 100 mg metoprolol once a day at rest and during exercise in hypertensives. Nilsson OR, et al. **Acta Med Scand** 1984;216(3):301-7

Compressibility and tablet properties of two polymorphs of metoprolol tertrate. Ragnarsson G, et al. **Acta Pharm Suec** 1984;21(6):321-30

The effects on left ventricular performance of verapamil and metoprolol singly and together in exercise-induced angina pectoris. Silke B, et al. **Am Heart J** 1985 Jun;109(6):1286-93

Clearance-based oral drug interaction between verapamil and metoprolol and comparison with atenolol. McLean AJ, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1628-9

Oros drug delivery systems for the beta-adrenoreceptor antagonists oxprenolol and metoprolol. **Br J Clin Pharmacol** 1985;19 Suppl 2:63S-249S

Osmotically controlled-delivery of metoprolol in man: in vivo performance of Oros systems with different durations of drug release. Godbillon J, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:213S-218S

Oros controlled-release formulations of metoprolol: an approach to the development of a system for once daily administration. Good W, et al. **Br J Clin Pharmacol** 1985; 19 Suppl 2:231S-238S

Osmotic delivery systems for the beta-adrenoceptor antagonists metoprolol and oxprenolol: design and evaluation of systems for once-daily administration. Theeuwes F, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:69S-76S

Influence of site of drug delivery on the systemic availability of metoprolol: comparison of intragastric infusion and 14/190 Oros administration. Warrington SJ, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:219S-224S

The comparative beta-adrenoceptor blocking effects of penbutolol, atenolol and sustained-release metoprolol in healthy volunteers. Mucklow JC, et al. **Eur J Clin Pharmacol** 1984;27(3):269-73

Combination of metoprolol with molsidomine in the treatment of angina pectoris. van Mantgem JP, et al. **Eur J Clin Pharmacol** 1985;28(2):109-11

Metoprolol in the aged hypertensive: a comparison of two dosage schedules. Martin A, et al. **Postgrad Med J** 1985

Mar;61(713):225-7

[Effective combined therapy of selective beta 1-adrenergic antagonist and selective beta 2-adrenergic agonist in a patient with bronchial asthma and hypertrophic cardiomyopathy] Yukawa T, et al. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Apr; 22(4):318-23 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Metoprolol medication and coronary artery bypass grafting operation. Heikkilä H, et al. **Acta Anaesthesiol Scand** 1984 Dec;28(6):677-82

Metoprolol-induced hyperkalemia in a diabetic with advanced renal failure [letter] Ashouri OS. **Arch Intern Med** 1985 Mar;145(3):578

Adverse effects from metoprolol are not generally associated with oxidation status. Clark DW, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):965-7

Unchanged peripheral sympathetic activity following withdrawal of chronic metoprolol treatment. A study of noradrenaline concentrations and kinetics in plasma. Olsson G, et al. **Br J Clin Pharmacol** 1984 Oct;18(4):573-9

Beta blockers and loss of hearing. Fäldt R, et al. **Br Med J [Clin Res]** 1984 Dec 1;289(6457):1490-2

Different effects of metoprolol and chlorthalidone on serum lipoprotein levels in mild hypertension. Possible implications for coronary heart disease risk status. Holtzman E, et al. **Isr J Med Sci** 1984 Dec;20(12):1169-76

Probable adverse interaction between oral metoprolol and verapamil. Eisenberg JN, et al. **Postgrad Med J** 1984 Oct; 60(708):705-6

[A case from practice (26). Classical acute shoulder syndrome caused by beta blockers (metoprolol, Lopresor)] Moeschlin S. **Schweiz Rundsch Med Prax** 1984 Nov 13;73(46):1425-6 **(Ger)**

BLOOD

Plasma levels of beta-blocking drugs prior to coronary artery bypass surgery. Sill JC, et al. **Anesthesiology** 1985 Jan; 62(1):67-70

The influence of two histamine H2-receptor antagonists, cimetidine and ranitidine, on the plasma levels and clinical effect of nifedipine and metoprolol. Kirch W, et al. **Arch Toxicol [Suppl]** 1984;7:256-9

Variability in the pharmacokinetics of atenolol and metoprolol. Ledermann H, et al. **Arzneimittelforschung** 1985;35(5):848-51

Interindividual variation of beta-adrenoceptor blocking drugs, plasma concentration and effect: influence of genetic status on behaviour of atenolol, bopindolol and metoprolol. Dayer P, et al. **Eur J Clin Pharmacol** 1985;28(2):149-53

Simultaneous determination of metoprolol and deuterium-labelled metoprolol in human plasma by gas chromatography-negative-ion mass spectrometry. Gaudry D, et al. **J Chromatogr** 1985 May 3;339(2):404-9

Simple and rapid analysis of atenolol and metoprolol in plasma using solid-phase extraction and high-performance liquid chromatography. Harrison PM, et al. **J Chromatogr** 1985 May 3;339(2):429-33

DIAGNOSTIC USE

[Influence of beta block and autonomic nerve block on the recovery time of the sinus node in sick sinus syndrome and carotid sinus syndrome] Brignole M, et al. **G Ital Cardiol** 1984 Oct;14(10):745-51 (Eng. Abstr.) **(Ita)**

METABOLISM

Gastric, intestinal and colonic absorption of metoprolol in the rat. Doménech J, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:85S-89S

Investigation of drug absorption from the gastrointestinal tract of man. IV. Influence of food and digestive secretions on metoprolol jejunal absorption. Evard D, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:119S-125S

Evaluation of oxprenolol and metoprolol Oros systems in the dog: comparison of in vivo and in vitro drug release, and of drug absorption from duodenal and colonic infusion sites. Fara JW, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:91S-95S

Investigation of drug absorption from the gastrointestinal tract of man. III. Metoprolol in the colon. Godbillon J, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:113S-118S

A multiple dose pharmacokinetic and pharmacodynamic evaluation of conventional and 19/285 Oros formulations of metoprolol in healthy volunteers. Grainger SL, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:239S-244S

Investigation of drug absorption from the gastrointestinal tract of man. I. Metoprolol in the stomach, duodenum and jejunum. Jobin G, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:97S-105S

Gastrointestinal transit of Oros drug delivery systems in healthy volunteers: a short report. John VA, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:203S-206S

Effects of ranitidine on the disposition of metoprolol. Kelly JG, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):219-24

Lack of a pharmacokinetic interaction between nifedipine and the beta-adrenoceptor blockers metoprolol and atenolol. Kendall MJ, et al. **Br J Clin Pharmacol** 1984 Sep; 18(3):331-5

Influence of food on the absorption of metoprolol administered as an Oros drug delivery system to man. Lecaillon JB, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:245S-249S

Investigation of drug absorption from the gastrointestinal tract of man. II. Metoprolol in the jejunum and ileum. Vidon N, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:107S-112S

Comparison of single-dose pharmacokinetic and pharmacodynamic properties of two metoprolol Oros systems with different initial zero-order release rates. Warrington SJ, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:225S-230S

Pregnancy-induced increase in metoprolol metabolism. Högstedt S, et al. **Clin Pharmacol Ther** 1985 Jun; 37(6):688-92

Pharmacokinetics of metoprolol in healthy, elderly, non-smoking individuals after a single dose and two weeks of treatment. Larsson M, et al. **Eur J Clin Pharmacol** 1984; 27(2):217-22

PHARMACODYNAMICS

Cardiovascular studies during controlled baroreflex activation in the dog: II. Effects of metoprolol and enflurane. Henriksson BA, et al. **Acta Anaesthesiol Scand** 1985 Jan;29(1):95-100

Effects of practolol and metoprolol on QT interval, heart rate and arterial pressure during induction of anaesthesia. Saarnivaara L, et al. **Acta Anaesthesiol Scand** 1984 Dec; 28(6):644-8

An in vitro study of the effects of a beta-blocker and a diuretic upon interconversion of active and inactive renin. Roulston JE. **Ann Clin Biochem** 1985 Mar;22 (Pt 2):213-4

Effects of the (+/-)-, (+)- and (-)-forms of propranolol, timolol and metoprolol on noradrenergic transmission in the rat isolated right ventricle. Bradley L, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):61-78

Investigation of drug absorption from the gastrointestinal tract of man. V. Effect of the beta-adrenoceptor antagonist, metoprolol, on postprandial gastric function. Jobin G, et al. **Br J Clin Pharmacol** 1985;19 Suppl 2:127S-135S

Improvement in symptoms and exercise tolerance by metoprolol in patients with dilated cardiomyopathy: a double-blind, randomized, placebo-controlled trial. Engelmeier RS, et al. **Circulation** 1985 Sep;72(3):536-46

Subtypes of beta adrenergic receptors mediating pigment dispersion in chromatophores of the medaka, Oryzias latipes. Morishita F, et al. **Comp Biochem Physiol [C]** 1985; 81(2):279-85

Effect of felodipine and metoprolol on muscle and skin arteries in hypertensive patients. Clement DL, et al. **Drugs** 1985;29 Suppl 2:137-43

Electrophysiological effects of felodipine in combination with metoprolol. Jones CR, et al. **Drugs** 1985;29 Suppl 2:81-6

Acute haemodynamic effects of felodipine and verapamil in man, singly and with metoprolol. Rönn O, et al. **Drugs** 1985;29 Suppl 2:16-25

Maximal aerobic power and blood pressure in normotensive subjects after acute and chronic administration of metoprolol. van Baak M, et al. **Eur J Clin Pharmacol** 1985; 28(2):143-8

Effect of metoprolol in carotid sinus hypersensitive patients. Bódis L, et al. **Int J Clin Pharmacol Res** 1984;4(5):367-72

Effects of NaHCO3, alpha-, and beta-adrenergic blockade on albuminuria after swimming in splenectomized dogs. Joles JA, et al. **Int J Sports Med** 1984 Dec;5(6):306-10

The relationship between serum concentrations and central nervous system actions of metoprolol. Gengo FM, et al. **J Neurol Neurosurg Psychiatry** 1985 Feb;48(2):101-6

Inhibition by metoprolol of the antihypertensive effect of aspirin in young rats. Tuttle RS, et al. **J Pharmacol Exp Ther** 1985 Jul;234(1):166-71

Effects of propranolol and metoprolol on glucose, cyclic AMP and insulin responses during pharmacologic hyperglucagonemia in hemodialysis patients. Pun KK, et al. **Nephron** 1985;39(3):175-8

The use of the EEG for assessment of vigilance changes caused by beta-blockers. Matousek M, et al. **Neuropsychobiology** 1984;12(1):55-9

Glucose induced paradoxical serum potassium elevation exclusively in the upright posture in metoprolol treated hypertensives. Radó JP. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):159-60

[The effect of the beta 1-blocker metoprolol on cyclic 3',5'-adenosine monophosphate in various tissues during long-term tocolysis with fenoterol. Animal experiments on the question of the interactive effects of the principal and adverse effects of beta 2-mimetics with special regard to fetal cardioprotection] Wischnik A, et al. **Arzneimittelforsch** 1984;34(6):684-7 (Eng. Abstr.) **(Ger)**

[Acceleration of alcohol elimination by metoprolol (Beloc, Lopresor)] Grüner O, et al. **Blutalkohol** 1984 Mar; 21(2):168-74 (Eng. Abstr.) **(Ger)**

[Effect of metoprolol on the elimination kinetics of ethanol] Dittmann V, et al. **Dtsch Med Wochenschr** 1984 Oct 12; 109(41):1557-61 (Eng. Abstr.) **(Ger)**

[Non-interaction between metoprolol and ethanol (letter)] Kirch W. **Dtsch Med Wochenschr** 1985 Mar 15;110(11):436 **(Ger)**

[Effect of the beta-blocker metoprolol on the cardiovascular system and plasma catecholamines of the fetus in normoxia and acute hypoxia--animal experiment studies] Paulick R, et al. **Z Geburtshilfe Perinatol** 1985 Mar-Apr;189(2):47-55 (Eng. Abstr.) **(Ger)**

[Effect of metoprolol on water drinking activity in Wistar Kyoto rats] Minami M, et al. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):471-7 (Eng. Abstr.) **(Jpn)**

POISONING

Occult metoprolol overdose. Bekes CE, et al. **Crit Care Med** 1985 Oct;13(10):870-1

Fatal metoprolol overdose. Stajić M, et al. **J Anal Toxicol** 1984 Sep-Oct;8(5):228-30

[Cardiogenic shock caused by metoprolol poisoning. Reversibility with high doses of glucagon and isoproterenol (letter)] Gabry AL, et al. **Presse Med** 1985 Feb 2;14(4):229 **(Fre)**

THERAPEUTIC USE

Cardiac dysrhythmias during outpatient dental anaesthesia with enflurane. The role of 'beta blockade'. Rollason WN, et al. **Acta Anaesthesiol Scand** 1984 Oct;28(5):497-502

Tolerability to treatment with metoprolol in acute myocardial infarction in relation to age. Herlitz J, et al. **Acta Med Scand** 1985;217(3):293-8

ADP-induced platelet aggregation and metoprolol treatment of myocardial infarction patients. A controlled study. Vilén L, et al. **Acta Med Scand** 1985;217(1):15-20

Long-term beta 1-selective adrenergic blockade and adrenergic receptors in human subcutaneous adipocytes. Wahrenberg H, et al. **Acta Med Scand** 1985;217(5):539-46

Metoprolol and propranolol in migraine prophylaxis: a double-blind multicentre study. Olsson JE, et al. **Acta Neurol Scand** 1984 Sep;70(3):160-8

The effect of beta-adrenoceptor blockade and of thromboxane synthetase inhibition, alone and in combination, on arrhythmias resulting from myocardial ischemia. Wainwright CL, et al. **Adv Myocardiol** 1985; 6:573-84

Intravenous beta blockade in acute myocardial infarction [letter] Jacob AS, et al. **Am J Cardiol** 1985 Feb 15;55(5):622

Metoprolol for intermittent explosive disorder. Mattes JA. **Am J Psychiatry** 1985 Sep;142(9):1108-9

The relative antihypertensive potency of propranolol, oxprenolol, atenolol, and metoprolol given once daily. A double-blind, crossover, placebo-controlled study in ambulatory patients. Ravid M, et al. **Arch Intern Med** 1985 Jul;145(7):1321-3

Hypertension in the elderly. O'Sullivan J. **Aust Fam Physician** 1985 Jul;14(7):619, 622-4

Metoprolol and pizotifen in the prophylactic treatment of classical and common migraine. A double-blind investigation. Vilming S, et al. **Cephalalgia** 1985 Mar; 5(1):17-23

Improvement in exercise capacity and associated changes in hemodynamics and left ventricular function after the addition of metoprolol to nifedipine in patients with stable exertional angina. Choong CY, et al. **Clin Cardiol** 1985 Apr; 8(4):213-24

Ambulatory monitoring of blood pressure and arrhythmias by non-invasive methods in hypertensive patients treated with metoprolol. Palma JL, et al. **Clin Exp Hypertens [A]** 1985;7(2-3):365-9

A randomized controlled trial of weight reduction and metoprolol in the treatment of hypertension in young overweight patients. MacMahon SW, et al. **Clin Exp Pharmacol Physiol** 1985 May-Jun;12(3):267-71

Comparison of the duration of antihypertensive action of atenolol and metoprolol over a 24-hour period. Crowe PF, et al. **Curr Med Res Opin** 1985;9(7):431-5

Comparison of the hypotensive and metabolic effects of metoprolol therapy with a high fibre, low sodium, low fat diet in hypertensive type 2 diabetic subjects. Pacy PJ, et al. **Diabetes Res** 1984 Nov;1(4):201-7

Abstracts of papers presented at an international symposium on the role of beta-blockade in acute myocardial ischaemia and infarction, Rome, October 29-30, 1984. **Drugs** 1985 Jan;29 Suppl 1:1-8

Metoprolol in acute myocardial infarction (MIAMI). A randomised placebo-controlled international trial. The MIAMI Trial Research Group. **Eur Heart J** 1985 Mar; 6(3):199-226

Very early intervention with metoprolol in suspected acute myocardial infarction. Salathia KS, et al. **Eur Heart J** 1985 Mar;6(3):190-8

Ventilatory effects of beta 1-receptor-selective blockade with bisoprolol and metoprolol in asthmatic patients. Lammers JW, et al. **Eur J Clin Pharmacol** 1984;27(2):141-5

B1 selective adrenoreceptor blockade for the long term management of variceal bleeding. A prospective randomised trial to compare oral metoprolol with injection sclerotherapy in cirrhosis. Westaby D, et al. **Gut** 1985 Apr; 26(4):421-5

Clomipramine and metoprolol in migraine prophylaxis--a double-blind crossover study. Langohr HD, et al. **Headache** 1985 Mar;25(2):107-13

Hemodynamic effects of once a day administration of combined chlorthalidone and metoprolol slow-release in essential hypertension. Pomidossi G, et al. **Int J Clin Pharmacol Ther Toxicol** 1984 Dec;22(12):665-71

Long-term treatment with metoprolol after myocardial infarction: effect on 3 year mortality and morbidity. Olsson

G. et al. **J Am Coll Cardiol** 1985 Jun;5(6):1428–37

Comparative effects of propranolol, timolol and metoprolol on myocardial infarct size after experimental coronary artery occlusion. Vik-Mo H, et al. **J Am Coll Cardiol** 1984 Oct;4(4):735–41

Study with the competitive 5-HT2-serotonergic antagonist ketanserin. Ferrara LA, et al. **J Cardiovasc Pharmacol** 1985; 7 Suppl 7:S159–60

Inability of metoprolol to achieve a sustained limitation of infarct size 24 h after coronary artery embolization in the closed chest dog. Kudoh Y, et al. **J Cardiovasc Pharmacol** 1984 Nov–Dec;6(6):1201–9

Indenolol: a new antihypertensive agent: efficacy, toxicity, and hemodynamic effects in a crossover double-blind study with metoprolol. Trimarco B, et al. **J Clin Pharmacol** 1985 Jul–Aug;25(5):328–36

Use of beta-blocking agents with group therapy in a smoking withdrawal clinic. Dow RJ, et al. **J R Soc Med** 1984 Aug; 77(8):648–51

Weight reduction in hypertension [letter] Freestone S. **Lancet** 1985 Jul 27;2(8448):208–9

Comparison of weight reduction with metoprolol in treatment of hypertension in young overweight patients. MacMahon SW, et al. **Lancet** 1985 Jun 1;1(8440):1233–6

Effects of metoprolol on digitalis-resistant atrial tachyarrhythmias in chronic obstructive pulmonary disease. Burgersdijk C, et al. **Neth J Med** 1984;27(8):283–6

Slow-release metoprolol, hydrochlorothiazide and hydralazine in stepwise treatment of essential hypertension. Houtzagers JJ, et al. **Neth J Med** 1984;27(8):287–92

Metoprolol, a new selective beta-blocker in anxiety neurosis. Chaturvedi SK. **Psychopharmacology (Berlin)** 1985; 85(4):488

Antianginal drug effects on normal, ischemic and scar myocardial segments in man. Pfisterer M, et al. **Scand J Clin Lab Invest [Suppl]** 1984;173:65–73

A placebo controlled trial of metoprolol in the treatment of hypertension in pregnancy. Wichman K, et al. **Scand J Clin Lab Invest [Suppl]** 1984;169:90–5

[Beta-blockers in the acute phase of myocardial infarction. Echographic study] Hauer B, et al. **Ann Cardiol Angeiol (Paris)** 1985 Feb;34(2):75–81 (Eng. Abstr.) **(Fre)**

[Myoglobin behavior with hexoprenaline and beta blockade] Lechner W, et al. **Z Geburtshilfe Perinatol** 1984 Sep–Oct; 188(5):226–7 (Eng. Abstr.) **(Ger)**

[Reduction of left ventricular hypertrophy by treatment with beta-blockers in idiopathic hypertension] Ganau A, et al. **Boll Soc Ital Cardiol** 1984 May–Jun;29(5–6):337–47 (Eng. Abstr.) **(Ita)**

[MIAMI study--the advantage of acute treatment with metoprolol in AMI (suspected and clear). Metoprolol In Acute Myocardial Infarction] Hjalmarson A. **Boll Soc Ital Cardiol** 1984 Jan–Feb;29(1–2):145–56 (Eng. Abstr.) **(Ita)**

[Reduction of left ventricular hypertrophy by beta-blocker treatment in essential hypertension] Ganau A, et al. **Cardiologia** 1984 May–Jun;29(5–6):337–47 (Eng. Abstr.) **(Ita)**

[Effects of delayed-action metoprolol evaluated in hypertensive patients responsive to therapy subdivided in 2 different age groups] Carpentiere G, et al. **G Ital Cardiol** 1984 Jul;14(7):530–3 (Eng. Abstr.) **(Ita)**

[Effectiveness of metoprolol (Betaloc-Astra) in the ambulatory treatment of hypertension] Demczuk M, et al. **Kardiol Pol** 1984;27(11–12):913–8 (Eng. Abstr.) **(Pol)**

URINE

Determination of two metoprolol metabolites in human urine by high-performance liquid chromatography. Godbillon J, et al. **J Chromatogr** 1984 Jul 13;309(1):198–202

Simultaneous determination of metoprolol and metabolites in urine by capillary column gas chromatography as oxazolidineone and trimethylsilyl derivatives. Gyllenhaal O, et al. **J Chromatogr** 1984 Aug 10;309(2):317–28

METRIAL GLAND

CYTOLOGY

A morphological study of granulated metrial gland cells and trophoblast cells in the labyrinthine placenta of the mouse. Stewart I. **J Anat** 1984 Dec;139 (Pt 4):627–38

ULTRASTRUCTURE

The differentiation of granulated metrial gland cells in chimeric mice and the effect of uterine shielding during irradiation. Peel S, et al. **J Anat** 1984 Dec;139 (Pt 4):593–8

METRIC SYSTEM

HISTORY

Adoption of the metric system by the U.S. Pharmacopoeia. Higby GJ, et al. **J Hist Med Allied Sci** 1985 Apr; 40(2):207–13

METRIFONATE see **TRICHLORFON**

METRIZAMIDE

Iohexol and metrizamide for urography in infants and children. Stake G, et al. **Invest Radiol** 1985 Jan–Feb;20(1 Suppl):S115–6

ADMINISTRATION & DOSAGE

Oral metrizamide in pediatric ileus. Taets van Amerongen A, et al. **J Belge Radiol** 1984;67(5):313–6

ADVERSE EFFECTS

Psychic changes following myelography with metrizamide and iohexol. A comparative investigation with psychologic tests. Cronqvist SE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):369–73

Hyperthermia after metrizamide myelography. Latack JT, et al. **AJNR** 1984 Sep–Oct;5(5):649–51

Nonconvulsive status epilepticus following metrizamide myelogram [letter] Levin R, et al. **Ann Neurol** 1985 May; 17(5):518–9

Aphasia following pluridirectional tomography with metrizamide. The effect of patient position. Butler MJ, et al. **Arch Neurol** 1985 Jan;42(1):39–45

Neurotoxicity of metrizamide [editorial] Ekholm S, et al. **Arch Neurol** 1985 Jan;42(1):24–5

Prolonged confusion due to absence status following metrizamide myelography. Vollmer ME, et al. **Arch Neurol** 1985 Oct;42(10):1005–8

Generalized motor seizure following metrizamide cisternography. Saltiel E, et al. **Drug Intell Clin Pharm** 1984 Nov;18(11):894–6

Intracranial metrizamide following myelography. Llewellyn G, et al. **J Can Assoc Radiol** 1984 Sep;35(3):259–61

Double blind study of the toxicity of intrathecal iopamidol and metrizamide in lumbar myelography. Vézina JL, et al. **J Can Assoc Radiol** 1984 Sep;35(3):257–8

Multiple adverse reactions following metrizamide myelography [letter] Paschalis C, et al. **J Neurol Neurosurg Psychiatry** 1985 Jul;48(7):720

Prolonged delirium after metrizamide myelography. Elliott RL, et al. **JAMA** 1984 Oct 19;252(15):2057–8

Transient hearing loss with metrizamide. Grant MG, et al. **Laryngoscope** 1985 Jan;95(1):67–9

Treatment of metrizamide-induced mania. Israel JR, et al. **NC Med J** 1984 Dec;45(12):759

Accidental introduction of contrast medium into the cervical spinal cord. A case report. Servo A, et al. **Neuroradiology** 1985;27(1):80–2

Aseptic meningitis secondary to metrizamide lumbar myelography in a 4 1/2-month-old infant. DiMario FJ Jr. **Pediatrics** 1985 Aug;76(2):259–62

[Transient paralysis of the upper limb following metrizamide myelography] Madsen NH. **Ugeskr Laeger** 1985 May 13; 147(20):1627–8 (Eng. Abstr.) **(Dan)**

[A case of metrizamide encephalopathy with triphasic waves on EEG] Niimi Y, et al. **No To Shinkei** 1984 Dec; 36(12):1167–72 (Eng. Abstr.) **(Jpn)**

[Acute meningitis after metrizamide myelography. Unnecessary use of disinfectants (letter)] Lingaas E. **Tidsskr Nor Laegeforen** 1985 Apr 30;105(12):834 **(Nor)**

[Acute meningitis following metrizamide myelography] Sand T, et al. **Tidsskr Nor Laegeforen** 1985 Feb 20;105(5):363–6 (Eng. Abstr.) **(Nor)**

DIAGNOSTIC USE

Psychologic tests in the evaluation of psychic changes after myelography with metrizamide. Cronqvist SE, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):257–60

Lumbar myelography with iohexol and metrizamide. A double-blind clinical trial. Hindmarsh T, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(5):365–8

Metrizamide CT ventriculography in the evaluation of a pseudoballooned fourth ventricle. Brooks BS, et al. **AJNR** 1984 Nov–Dec;5(6):825–7

Delayed metrizamide CT enhancement of syringomyelia: postoperative observations. Kan S, et al. **AJNR** 1985 Jul–Aug;6(4):613–6

Neonatal metrizamide gastrointestinal series in suspected necrotizing enterocolitis. Keller MS, et al. **Am J Dis Child** 1985 Jul;139(7):713–6

Direct 'metrizamide' myelocystography in syringohydromyelia. Report of 3 cases. de Silva M, et al. **Australas Radiol** 1984 Nov;28(4):311–6

Prone computed tomography metrizamide myelography: a technique for improved diagnosis of lumbar disc herniation. Barmeir E, et al. **Clin Radiol** 1984 Nov;35(6):479–81

Effect of oral metrizamide on hematocrit and serum osmolality in the neonate. Clarke E, et al. **Invest Radiol** 1984 Nov–Dec;19(6):599–600

Lumbar myelography with iohexol and metrizamide. A comparative multicenter prospective study. Kieffer SA, et al. **Invest Radiol** 1985 Jan–Feb;20(1 Suppl):S22–30

Computed tomography with metrizamide myelography to define the extent of spinal canal block due to tumor. Fink IJ, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1072–5

Vertebral hemangioma with compression myelopathy: metrizamide CT demonstration. Leehey P, et al. **J Comput Assist Tomogr** 1985 Sep–Oct;9(5):985–6

Metrizamide myelography in patients with small cell carcinoma of the lung suspected of meningeal carcinomatosis. Pedersen AG, et al. **J Neurooncol** 1985; 3(1):85–9

Iohexol compared to metrizamide in cervical and thoracic myelography. A randomized double blind parallel study. Nakstad P, et al. **Neuroradiology** 1984;26(6):479–84

Evaluation of cerebrospinal fluid rhinorrhea by metrizamide computed tomographic cisternography. Ahmadi J, et al. **Neurosurgery** 1985 Jan;16(1):54–60

Advantages of non-ionic contrast media in vascular applications. Malott JC, et al. **Radiol Technol** 1984 Nov–Dec;56(2):95–8 (12 ref.)

Outpatient lumbar myelography with metrizamide. Kostiner AI, et al. **Radiology** 1985 May;155(2):383–5

Metrizamide-iophendylate layering technique for thoracolumbar myelography. Smith SP, et al. **Radiology** 1984 Dec;153(3):821–2

A study of computer-assisted tomography. II. Comparison of metrizamide myelography and computed tomography in the diagnosis of herniated lumbar disc and spinal stenosis. Bell GR, et al. **Spine** 1984 Sep;9(6):552–6

[Localization of a spontaneous cerebrospinal fluid fistula using metrizamide CT cisternography] Luotonen J, et al. **Duodecim** 1985;101(6):578–82 **(Fin)**

[Cervical Amipaque myelography with lateral C1/C2 puncture with a conventional fluoroscopy device] Kittel J, et al. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Jun; 36(6):347–9 (Eng. Abstr.) **(Ger)**

[Lumbosacral functional myelography including the dorsolumbar transitional region (medullary cone). Clinical comparative studies--2000 myelographies with metrizamide] Grobovschek M. **Radiologe** 1984 Aug; 24(8):389–98 (69 ref.) (Eng. Abstr.) **(Ger)**

[The use of metrizamide to examine the gastrointestinal tract in children. Preliminary report] Fukuda M, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Aug 25; 44(8):1038–43 (Eng. Abstr.) **(Jpn)**

[Measurement of the normal cervical spinal cord in metrizamide CT myelography] Suzuki F, et al. **No Shinkei Geka** 1985 Apr;13(4):391–6 (Eng. Abstr.) **(Jpn)**

[Cerebellopontine angle epidermoid showing a positive enhancement upon metrizamide CT cisternography] Hasegawa T, et al. **Rinsho Hoshasen** 1985 Apr; 30(4):497–500 (Eng. Abstr.) **(Jpn)**

[Cerebral angiography with metrizamide (Amipaque)] Sumie H, et al. **Rinsho Hoshasen** 1985 Feb;30(2):281–5 (Eng. Abstr.) **(Jpn)**

[Two cases of syringomyelia showing atypical neurological sings] Hokezu Y, et al. **Rinsho Shinkeigaku** 1985 Mar; 25(3):267–70 (Eng. Abstr.) **(Jpn)**

[Metrizamide CT myelography of Hirayama's disease with localized atrophy of the lower cervical spinal cord] Matsumura K, et al. **Rinsho Shinkeigaku** 1984 Aug; 24(8):848–52 (Eng. Abstr.) **(Jpn)**

[Demonstration of central cavity in juvenile type of distal and segmental muscular atrophy of upper extremities] Mukai E, et al. **Rinsho Shinkeigaku** 1984 Jun;24(6):562–6 (Eng. Abstr.) **(Jpn)**

[Myelography using amipaque in the diagnosis of diseases and injuries of the spinal cord and spine] Kornienko VN, et al. **Vestn Rentgenol Radiol** 1985 May–Jun;(3):24–30 (Eng. Abstr.) **(Rus)**

[Computer-tomographic cisternography with amipaque] Kornienko VN, et al. **Zh Vopr Neirokhir** 1984 Nov–Dec; (6):34–42 (Eng. Abstr.) **(Rus)**

METABOLISM

Lumbar myelography with metrizamide in rabbits. An investigation of contrast media penetration and resorption. Ekholm SE, et al. **Acta Radiol [Diagn] (Stockh)** 1984; 25(6):517–22

Brain parenchyma penetration by metrizamide following lumbar myelography. Sage MR, et al. **Australas Radiol** 1984 May;28(2):90–6

Intracranial metrizamide mimicking white matter disease. Pexman JH, et al. **J Can Assoc Radiol** 1984 Jun;35(2):178–9

PHARMACODYNAMICS

Intra-articular tissue response to analytical grade metrizamide in dogs. Atilola MA, et al. **Am J Vet Res** 1984 Dec;45(12):2651–7

Transient leakage across the blood-cerebrospinal fluid barrier after intrathecal metrizamide administration to dogs. Johnson GC, et al. **Am J Vet Res** 1985 Jun;46(6):1303–8

The penetration of metrizamide into the brain after routine lumbar myelography as shown by cerebral computed tomography and its effect on auditory brainstem transmission time. Brekkan A, et al. **Eur J Radiol** 1985 Feb; 5(1):48–51

The effect of iohexol on glucose metabolism compared with metrizamide. Ekholm SE, et al. **Invest Radiol** 1984 Nov–Dec;19(6):574–7

Iohexol vs. metrizamide in studies of glucose metabolism. A survey. Ekholm SE. **Invest Radiol** 1985 Jan–Feb;20(1 Suppl):S18–21

Contrast medium causes the apparent increase in beta-endorphin levels in human cerebrospinal fluid following brain stimulation. Dionne RA, et al. **Pain** 1984 Dec;20(4):313–21

THERAPEUTIC USE

Intrathecal phenol and glycerin in metrizamide for treatment of intractable spasms in paraplegia. Case report. Scott BA, et al. **J Neurosurg** 1985 Jul;63(1):125–7

TOXICITY

Neuronal effects of water-soluble contrast agents. Bryan RN, et al. **Invest Radiol** 1984 Jul-Aug;19(4):329-32

Pathogenesis of postmyelographic arachnoiditis. Garancis JC, et al. **Invest Radiol** 1985 Jan-Feb;20(1):85-9

Intrathecal toxicity of iohexol vs. metrizamide. Survey and current state. Haughton VM. **Invest Radiol** 1985 Jan-Feb;20(1 Suppl):S14-7

METRIZOATE see under **IODOBENZOATES**

METRONIDAZOLE

ADMINISTRATION & DOSAGE

Prevention of post-operative infection in appendicectomy by single dose intravenous metronidazole. An open prospective randomised study. Kling PA, et al. **Acta Chir Scand** 1985;151(1):73-6

Single-dose intravenous metronidazole v doxycycline prophylaxis in colorectal surgery. An open prospective, randomized trial. Kling PA, et al. **Acta Chir Scand** 1985;151(2):163-8

Metronidazole hydrochloride-aluminum interactions [letter] Schell KH, et al. **Am J Hosp Pharm** 1985 May;42(5):1040, 2

Absorption of metronidazole suppositories in patients with postoperative ileus. Aarlsson CK, et al. **Dan Med Bull** 1985 May;32(2):134-7

Antibiotic therapy for treatment in relapse of intestinal Crohn's disease. A prospective randomized study. Ambrose NS, et al. **Dis Colon Rectum** 1985 Feb;28(2):81-5

Metronidazole as a radio sensitizer—phase I study. Gupta VK, et al. **Indian J Cancer** 1983 Nov-Dec;20(5):271-4

Topical metronidazole therapy for infected decubitus ulcers. Pierleoni EE. **J Am Geriatr Soc** 1984 Oct;32(10):775

Short-term antibiotherapy for peritonitis: prospective, randomized trial comparing cefotaxime-metronidazole and clindamycin-tobramycin. Biron S, et al. **J Antimicrob Chemother** 1984 Sep;14 Suppl B:213-6

Stability of metronidazole and ten antibiotics when mixed with magnesium sulphate solutions. Das Gupta V, et al. **J Clin Hosp Pharm** 1985 Mar;10(1):67-72

Slow release metronidazole and a simplified mechanical oral hygiene regimen in the control of chronic periodontitis. Newman HN, et al. **J Clin Periodontol** 1984 Oct;11(9):576-82

The use of povidone-iodine enema as pre-operative preparation for colorectal surgery: bacteriological study. Hay JM, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:115-6

Chemical stabilities of hydrocortisone sodium succinate and several antibiotics when mixed with metronidazole injection for intravenous infusion. Gupta VD, et al. **J Parenter Sci Technol** 1985 May-Jun;39(3):145-9

Comparison of single-dose vs one-week course of metronidazole for symptomatic bacterial vaginosis. Swedberg J, et al. **JAMA** 1985 Aug 23-30;254(8):1046-9

Single dose metronidazole for Gardnerella vaginalis [letter] Mortimer L, et al. **Obstet Gynecol** 1985 May;65(5):773-4

Peritoneal lavage with metronidazole. Saha SK. **Surg Gynecol Obstet** 1985 Apr;160(4):335-8

Observations made with the simultaneous local application of metronidazole and miconazole in vulvovaginitis. Tatár L. **Ther Hung** 1982;30(4):189-92

[Prevention of serious anaerobic infections] Závadová M, et al. **Rozhl Chir** 1984 Sep;63(8-9):616-22 (Eng. Abstr.) **(Cze)**

[Enhancement of the antitumor effect of ionizing radiations in the combined use of metronidazole and induced hyperglycemia] Vinskaia NP, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):13-7 (Eng. Abstr.) **(Rus)**

[Combined use of metronidazole and short-term hyperglycemia during radiation therapy of tumors in rats] Vepkhvadze NR, et al. **Radiobiologiia** 1985 May-Jun;25(3):333-7 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Neurotoxicity of metronidazole [letter] Alston TA. **Ann Intern Med** 1985 Jul;103(1):161

'Alcohol-antabuse' syndrome in patients receiving metronidazole during gynaecological treatment. Alexander I. **Br J Clin Pract** 1985 Jul;39(7):292-3

Sensori-motor polyneuropathy due to metronidazole. Senanayake N, et al. **Ceylon Med J** 1984 Sep;29(3):153-6

Peripheral neuropathy in Crohn's disease patients treated with metronidazole. Duffy LF, et al. **Gastroenterology** 1985 Mar;88(3):681-4

Metronidazole and panic attacks [letter] Brown JT. **South Med J** 1985 May;78(5):627

[Postpartum pseudomembranous colitis] Steudel HC, et al. **Internist (Berlin)** 1984 Dec;25(12):752-5 **(Ger)**

[Uncertain conclusions about adverse effects. Metronidazole and tinidazole] Bergan T. **Tidsskr Nor Laegeforen** 1985 Mar 10;105(7):516-7 **(Nor)**

[Metronidazole (Flagyl) and polyneuropathy] Berstad J. **Tidsskr Nor Laegeforen** 1985 Apr 30;105(12):813-4 (Eng. Abstr.) **(Nor)**

[Metranidazole and breast feeding. Should a mother breast-feed her child while under metranidazole therapy for puerperal infections?] Matheson I. **Tidsskr Nor Laegeforen** 1984 Sep 10;104(25):1745 **(Nor)**

[State of the liver after radiotherapy of cancer of the stomach and larynx with metronidazole radiosensitization] D'iakova AM, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):49-54 (Eng. Abstr.) **(Rus)**

[Polyneuropathy after long term treatment with metronidazole] **Lakartidningen** 1985 Jan 30;82(5):319-20 **(Swe)**

[Meningitis caused by metronidazole] Sundström O, et al. **Lakartidningen** 1984 Sep 26;81(39):3480 **(Swe)**

ANALOGS & DERIVATIVES

Serum concentrations of metronidazole and its main metabolite in patients with active Crohn's disease: correlation with disease activity and therapeutic efficacy? Schneider MU, et al. **Chemotherapy** 1984;30(6):345-52

The treatment of Trichomonas vaginalis vaginitis. An open controlled prospective study comparing a single dose of metronidazole tablets, benzoyl metronidazole suspension and tinidazole tablets. Bloch B, et al. **S Afr Med J** 1985 Mar 23;67(12):455-7

[Tissue distribution of iso-metronidazole and metronidazole in tumor-bearing C3H inbred mice] Magdon E, et al. **Arch Geschwulstforsch** 1985;55(1):31-5 (Eng. Abstr.) **(Ger)**

ANALYSIS

Quality control of drugs. III. Quantitative determination of metronidazole in tablets by UV-absorption spectrophotometry. Fabayo AB, et al. **Acta Pol Pharm** 1985;42(1):49-54

Rapid determination of metronidazole in human serum and urine using a normal-phase high-performance liquid chromatographic column with aqueous solvents. Adamovics J. **J Chromatogr** 1984 Aug 10;309(2):436-40

Quantitation of metronidazole in pharmaceutical dosage forms using high-performance liquid chromatography. Das Gupta V. **J Pharm Sci** 1984 Sep;73(9):1331-3

Dissolution dialysis studies of metronidazole-montmorillonite adsorbates. Shrivastava R, et al. **J Pharm Sci** 1985 Feb;74(2):214-6

[Tissue distribution of iso-metronidazole and metronidazole in tumor-bearing C3H inbred mice] Magdon E, et al. **Arch Geschwulstforsch** 1985;55(1):31-5 (Eng. Abstr.) **(Ger)**

BLOOD

Serum concentrations of metronidazole and its main metabolite in patients with active Crohn's disease: correlation with disease activity and therapeutic efficacy? Schneider MU, et al. **Chemotherapy** 1984;30(6):345-52

Effect of precipitating agents on the analysis of metronidazole by high-performance liquid chromatography. Woollard GA. **J Chromatogr** 1984 Oct 26;303(1):222-4

Serum-catalyzed hydrolysis of metronidazole amino acid esters. Cho MJ, et al. **J Pharm Sci** 1985 Aug;74(8):883-5

CEREBROSPINAL FLUID

[Metronidazole concentration of the cerebrospinal fluid from slightly inflamed meninges] Hoffmann HG, et al. **Arzneimittelforsch** 1984;34(7):830-1 (Eng. Abstr.) **(Ger)**

METABOLISM

Systemic absorption of metronidazole [letter] Stewart WC. **Am J Obstet Gynecol** 1985 Mar 1;151(5):705

Ferredoxin-linked reduction of metronidazole in Clostridium pasteurianum. Lockerby DL, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):665-9

Gastric aspiration by nasal intubation: an additional route of elimination for metronidazole [letter] Diquet B, et al. **Br J Clin Pharmacol** 1984 Aug;18(2):264-5

Pharmacokinetics of metronidazole in patients with varying degrees of renal failure. Houghton GW, et al. **Br J Clin Pharmacol** 1985 Feb;19(2):203-9

Placental transfer of metronidazole and tinidazole in early human pregnancy after a single infusion. Karhunen M. **Br J Clin Pharmacol** 1984 Aug;18(2):254-7

Dietary influence on caecal microbial nitroreduction of a drug: metronidazole. Wise A, et al. **Drug Nutr Interact** 1982;1(3):229-36

Metronidazole: pharmacokinetic observations in severely ill patients. Ljungberg B, et al. **J Antimicrob Chemother** 1984 Sep;14(3):275-83

Metronidazole radical anion generation in vivo in Trichomonas vaginalis: oxygen quenching is enhanced in a drug-resistant strain. Lloyd D, et al. **J Gen Microbiol** 1985 Jan;131 (Pt 1):87-92

Placental transfer of metronidazole [letter] Amon I. **J Perinat Med** 1985;13(2):97-8

Systemic absorption of metronidazole by the vaginal route. Alper MM, et al. **Obstet Gynecol** 1985 Jun;65(6):781-4

Biological significance of the anaerobic metabolism of metronidazole. Goldman P, et al. **Prog Clin Biol Res** 1985;181:127-31

[Metronidazole-inactivating activity of cell-free extracts of Streptococcus faecalis] Narikawa S, et al. **Nippon Saikingaku Zasshi** 1985 Mar;40(2):501-9 (Eng. Abstr.) **(Jpn)**

[Metronidazole distribution in intra-arterial administration] Konopliannikov AG, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):77-8 **(Rus)**

[Accumulation of metronidazole in tumors during whole-body hyperthermia induced by Sulfazin] Seitkazina GD, et al. **Med Radiol (Mosk)** 1985 May;30(5):73-5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

Effects of acute and short-time antibiotic treatment on renal lithium elimination and serum lithium levels in the rat. Lassen E. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):273-7

Failure of metronidazole to alter a vecuronium neuromuscular blockade in humans. d'Hollander A, et al. **Anesthesiology** 1985 Jul;63(1):99-102

Comparative in vitro activities of nimidazole and metronidazole against anaerobic and microaerophilic bacteria. Hof H, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):332-3

Role of the phosphoroclastic reaction of Clostridium pasteurianum in the reduction of metronidazole. Lockerby DL, et al. **Antimicrob Agents Chemother** 1985 May;27(5):863-7

Pharmacological profile of 1-methylsulphonyl-3-(1-methyl-5-nitro-2-imidazolyl)-2-(Go-10213), a new antiprotozoal agent, in comparison with metronidazole. David J, et al. **Arzneimittelforschung** 1985;35(4):721-6

Relative antibacterial efficacy of clindamycin and metronidazole against Bacteroides fragilis in vitro and in experimentally infected mice. Dijkmans BA, et al. **Chemotherapy** 1985;31(4):297-303

Effects of metronidazole on intestinal transit time and faecal weights of human subjects. Kurpad AV, et al. **Clin Exp Pharmacol Physiol** 1984 Sep-Oct;11(5):551-3

Interaction between metronidazole and drugs eliminated by oxidative metabolism. Jensen JC, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):407-10

Susceptibility of Trichomonas vaginalis to metronidazole. Omer EE, et al. **East Afr Med J** 1984 Mar;61(3):203-7

Modulation of host immune responses by metronidazole. Saxena A, et al. **Indian J Med Res** 1985 Apr;81:387-90

Interaction between penicillin, clindamycin or metronidazole and gentamicin against species of clostridia and anaerobic and facultatively anaerobic gram-positive cocci. Brook I, et al. **J Antimicrob Chemother** 1985 Jan;15(1):31-7

Combined activity of metronidazole and gentamicin on Bacteroides fragilis in vivo and in vitro. Dijkmans BA, et al. **J Antimicrob Chemother** 1985 Jan;15(1):77-82

A metronidazole-resistant strain of Trichomonas vaginalis and its sensitivity to Go 10213. Ray DK, et al. **J Antimicrob Chemother** 1984 Oct;14(4):423-6

Metronidazole and serum cholesterol. Hanoomanthen RL, et al. **J Assoc Physicians India** 1985 Feb;33(2):158-9

Metronidazole inhibition of hydrogen production in vivo in drug-sensitive and resistant strains of Trichomonas vaginalis. Lloyd D, et al. **J Gen Microbiol** 1985 Apr;131 (Pt 4):849-53

Action of metronidazole on facultative anaerobes [letter] Sisson PR, et al. **J Infect Dis** 1985 Mar;151(3):569-70

Sensitivity testing of Trichomonas vaginalis using bromocresol purple indicator. Mason PR. **J Parasitol** 1985 Feb;71(1):128-9

Metronidazole-induced myocardial depression: chemical and pharmacological studies on the role of calcium in-vitro. Essien EE, et al. **J Pharm Pharmacol** 1985 Mar;37(3):213-6

Pharmacokinetic and pharmacodynamic studies of acute interaction between warfarin enantiomers and metronidazole in rats. Yacobi A, et al. **J Pharmacol Exp Ther** 1984 Oct;231(1):72-9

In vitro antifungal effect of metronidazole on pityrosporum ovale. Nielsen PG. **Mykosen** 1984 Sep;27(9):475-6

A comparative study of the effectiveness of metronidazole and penicillin V in eliminating anaerobes from postextraction bacteremias. Head TW, et al. **Oral Surg Oral Med Oral Pathol** 1984 Aug;58(2):152-5

Metronidazole influences the development of neural tolerance to ethanol. Giknis ML, et al. **Pharmacol Biochem Behav** 1984 Aug;21(2):317-9

The adherence of Giardia lamblia trophozoites to nylon fibre microcolumns: effect of temperature, fluoride, cyanide and metronidazole. Seow WK, et al. **Trans R Soc Trop Med Hyg** 1985;79(3):359-62

[Stereoselectivity of the warfarin effect (letter)] Mohr K. **Dtsch Med Wochenschr** 1984 Dec 14;109(50):1943-4 **(Ger)**

[Efficacy of tinidazole against anaerobes in comparison with metronidazole, ornidazole, cefoxitin and lamoxactam] Werner H, et al. **Immun Infekt** 1983 Jun;11(4):143-7 (Eng. Abstr.) **(Ger)**

[Use of Giardia intestinalis cultures in chemotherapeutic studies] Kasprzak W, et al. **Wiad Parazytol** 1984;30(3):301-10 (Eng. Abstr.) **(Pol)**

[Effect of metronidazole on the intensity of cell respiration] Rozhdestvenskii LM, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):38-43 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

T-tube suction drainage and/or prophylactic two-dose metronidazole in abdominal hysterectomy. Kvist Poulsen H, et al. **Acta Obstet Gynecol Scand** 1984;63(8):711-4

Efficacy of Metronidazole in experimental Bacteroides fragilis otitis media. Thore M, et al.

Acta Otolaryngol (Stockh) 1985 Jan-Feb;99(1-2):60-6

The treatment of Gardnerella vaginalis vaginosis: a randomized comparison of pivampicillin with metronidazole. Csángó PA, et al. **Ann Clin Res** 1985; 17(2):76-80

Treatment of non-invasive amoebiasis--a comparison between tinidazole and metronidazole. Pehrson P, et al. **Ann Trop Med Parasitol** 1984 Oct;78(5):505-8

Metronidazole in the treatment of rosacea [letter] **Arch Dermatol** 1985 Mar;121(3):307-8

Prophylactic antibiotics in appendicectomy: a prospective double blind randomized study. O'Rourke MG, et al. **Aust NZ J Surg** 1984 Dec;54(6):535-41

Metronidazole as an adjunct to periodontal therapy with sub-gingival curettage. Sterry KA, et al. **Br Dent J** 1985 Mar 9;158(5):176-8

A comparison of cephazolin plus metronidazole versus ticarcillin in the prevention of post-operative sepsis following abdominal surgery. Smith S, et al. **Br J Clin Pract** 1985 Jan;39(1):12-3

Metronidazole suspension applied topically for rosacea [letter] Dupont C. **Br J Dermatol** 1984 Oct;111(4):499

Metronidazole and Augmentin in the prevention of sepsis after appendicectomy. Drumm J, et al. **Br J Surg** 1985 Jul;72(7):571-3

Antibiotic treatment during surgery for diffuse peritonitis: a prospective randomized study comparing the effects of cefuroxime and of a cefuroxime and metronidazole combination. Törnqvist A, et al. **Br J Surg** 1985 Apr; 72(4):261-4

Treatment of tetanus: an open study to compare the efficacy of procaine penicillin and metronidazole. Ahmadsyah I, et al. **Br Med J [Clin Res]** 1985 Sep 7;291(6496):648-50

Mitomycin-C plus metronidazole in advanced carcinoma of the breast. Stewart DJ, et al. **Breast Cancer Res Treat** 1985; 5(2):189-94

Infection and the use of antibiotics in Crohn's disease. Keighley MR. **Can J Surg** 1984 Sep;27(5):438-41

Quality of use of parenteral metronidazole therapy in a teaching hospital. Jewesson PJ, et al. **Can Med Assoc J** 1985 Apr 1;132(7):785-9

Treatment of Gardnerella vaginalis vaginitis [letter] Munro MG. **Can Med Assoc J** 1985 Mar 15;132(6):613

Treatment of Gardnerella vaginalis vaginitis [letter] Tummon IS, et al. **Can Med Assoc J** 1984 Nov 1;131(9):1018

Comparison of tinidazole with metronidazole in the treatment of hepatic amoebiasis: a controlled double blind study. Mendis S, et al. **Ceylon Med J** 1984 Jun;29(2):97-100

Prophylactic intravenous metronidazole in cesarean section. Elyan A, et al. **Chemioterapia** 1984 Feb;3(1):67-70

Comparative efficacy of four antibiotics in anaerobic pulmonary infection. An experimental model in rabbits. Chandrasekar PH, et al. **Chemotherapy** 1984;30(5):331-6

Response of a 'susceptible' Escherichia coli to metronidazole therapy: an investigation using experimental subcutaneous abscesses. Reznikov M, et al. **Chemotherapy** 1985;31(1):50-4

Metronidazole. An agent in the treatment of anaerobic infections. Rubin RP, et al. **J Am Podiatr Med Assoc** 1985 Apr;75(4):192-5

Ampicillin combined with sulbactam or metronidazole for single-dose chemoprophylaxis in major gynaecological surgery. Houang ET, et al. **J Antimicrob Chemother** 1984 Nov;14(5):529-35

Prevention of post-appendicectomy sepsis by mezlocillin and metronidazole: a prospective, randomized, double-blind trial. McIntosh GS, et al. **J Antimicrob Chemother** 1984 Nov;14(5):537-42

A high incidence of bleeding is observed in a trial to determine whether addition of metronidazole is needed with latamoxef for prophylaxis in colorectal surgery. Morris DL, et al. **J Hosp Infect** 1984 Dec;5(4):398-408

Systemic metronidazole combined with either topical povidone-iodine or ampicillin in acute appendicitis. Parker MC, et al. **J Hosp Infect** 1985 Mar;6 Suppl A:97-101

Treatment of Clostridium perfringens enterotoxin-associated diarrhoea with metronidazole. Borriello SP, et al. **J Infect** 1985 Jan;10(1):65-7

The microbial flora of the rectal mucosa and faeces of patients with Crohn's disease before and during antimicrobial chemotherapy. Hudson MJ, et al. **J Med Microbiol** 1984 Dec;18(3):335-45

Metronidazole in the treatment of metastatic brain tumors. Results of a controlled clinical trial. Aiken R, et al. **J Neurooncol** 1984;2(2):105-11

Randomized trial of radiotherapy versus radiotherapy plus metronidazole for the treatment metastatic cancer to brain. A Southwest Oncology Group study. Eyre HJ, et al. **J Neurooncol** 1984;2(4):325-30

Metronidazole as a radiation enhancer in the treatment of metastatic epidural spinal cord compression. Obbens EA, et al. **J Neurooncol** 1984;2(2):99-104

Prophylactic metronidazole with and without cefuroxime in elective colorectal surgery. A prospective randomised double-blind study. Cunliffe WJ, et al. **J R Coll Surg Edinb** 1985 Apr;30(2):123-5

A possible beneficial effect of metronidazole in reducing TPN-associated liver function derangements. Freund HR, et al. **J Surg Res** 1985 Apr;38(4):356-63

New antibiotics in the treatment of pelvic infections. Salvio K, et al. **JOGN Nurs** 1984 Sep-Oct;13(5):308-11

Metronidazole prevention of serum liver enzyme abnormalities during total parenteral nutrition. Lambert JR, et al. **JPEN J Parenter Enteral Nutr** 1985 Jul-Aug; 9(4):501-3

Treatment of rosacea with tetracycline and metronidazole--a comparative study. Nasir MA. **JPMA** 1985 May; 35(5):148-9

Serum-cholesterol-lowering effect of metronidazole and possible mechanisms of action. von Bergmann K, et al. **Klin Wochenschr** 1985 Mar 15;63(6):279-81

Malaria treated with emetine or metronidazole [letter] James RF. **Lancet** 1985 Aug 31;2(8453):498

Preoperative antibiotic prophylaxis in acute appendicectomy [letter] Muirhead AG, et al. **Lancet** 1985 Feb 9; 1(8424):352-3

Studies of metronidazole radiosensitizing effect in radiation treatment of patients with oral cavity cancer. Polyakov PYu, et al. **Neoplasma** 1985;32(1):103-11

Non-specific vaginitis: diagnostic features and response to imidazole therapy (metronidazole, ornidazole). Meech RJ, et al. **NZ Med J** 1985 May 22;98(779):389-91

Metronidazole prophylaxis in elective first trimester abortion. Heisterberg L, et al. **Obstet Gynecol** 1985 Mar;65(3):371-4

Problems in diagnosing and managing giardiasis. Pickering LK. **Pediatr Infect Dis** 1985 May-Jun;4(3 Suppl):S6-10

Amebic liver abscess: a therapeutic approach. Thompson JE Jr, et al. **Rev Infect Dis** 1985 Mar-Apr;7(2):171-9

The treatment of Trichomonas vaginalis vaginitis. An open controlled prospective study comparing a single dose of metronidazole tablets, benzoyl metronidazole suspension and tinidazole tablets. Bloch B, et al. **S Afr Med J** 1985 Mar 23;67(12):455-7

Rectal spirochaetosis--symptomatic response to metronidazole and mebendazole. A case report. Burns DG, et al. **S Afr Med J** 1985 Aug 31;68(5):335-6

Metronidazole in rheumatoid arthritis [letter] Pybus PK. **S Afr Med J** 1985 Jun 29;67(26):1039-40

Metronidazole and trichomoniasis [letter] Glover DD. **South Med J** 1985 Mar;78(3):364

One row anastomosis in colonic operations with antibiotic prophylaxis. Entner M, et al. **Surg Gynecol Obstet** 1985 Aug;161(2):136-8

Prophylactic regimens in colorectal surgery: comparisons between metronidazole used alone or with ampicillin for one or three days. Roland M, et al. **World J Surg** 1985 Aug;9(4):626-32

[Treatment of the complications of an anaerobic infection in obstetrics and gynecology using metronidazole (Flagyl)] Atanasov A, et al. **Akush Ginekol (Sofiia)** 1984;23(4):334-7 (Eng. Abstr.) **(Bul)**

[Metronidazole protects the appendectomy wound from infection] Qin HJ. **Chung Hua Wai Ko Tsa Chih** 1985 May; 23(5):267-8, 317 (Eng. Abstr.) **(Chi)**

[Comparative clinical study between Rocephin (Roche) and doxycycline, amoxycillin, erythromycin and amoxycillin + metronidazole combination in gynecology] Gaudin G. **Gynakol Rundsch** 1985;25(2):86-95 **(Fre)**

[Prevention of postoperative anaerobic bacterial infections in abdominal surgery with metronidazole suppositories] Bardeau A, et al. **Presse Med** 1985 Apr 13;14(15):823-6 (Eng. Abstr.) **(Fre)**

[Perioperative short-term prevention of puerperal infections following cesarean section with metronidazole] Gummerus M. **Geburtshilfe Frauenheilkd** 1984 Sep;44(9):570-2 (Eng. Abstr.) **(Ger)**

[Metronidazole and neomycin in wound infection prophylaxis in colon and rectal surgery] Nowak W, et al. **Nahrung** 1984; 28(6-7):685-7 (Eng. Abstr.) **(Ger)**

[Perioperative antibiotic prevention in colon and rectum surgery. A randomized study on the value of single dose prevention] Athanasiadis S, et al. **Zentralbl Chir** 1985; 110(9):532-8 (Eng. Abstr.) **(Ger)**

[Therapeutic and prophylactic use of metronidazole (Klion) in obstetric and gynecologic practice] Gardó S, et al. **Orv Hetil** 1985 Mar 24;126(12):703-8 (Eng. Abstr.) **(Hun)**

[Our experience in the cure of rosacea with metronidazole] Varotti C, et al. **G Ital Dermatol Venereol** 1984 Nov-Dec; 119(6):437-9 (Eng. Abstr.) **(Ita)**

[Evaluation of the validity of the preventive use of metronidazole and tinidazole in surgery of the genital organs] Zrubek H, et al. **Ginekol Pol** 1984 Nov;55(11):863-6 (Eng. Abstr.) **(Pol)**

[Metronidazole in the treatment of pleuropulmonary infections due to anaerobic germs] Ispas LT, et al. **Rev Ig [Pneumoftiziol]** 1984 Oct-Dec;33(4):361-70 (62 ref.) (Eng. Abstr.) **(Rum)**

[The results of metronidazole use in radiation and combined treatment of patients with laryngeal cancer] Andreev VG, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):20-5 (Eng. Abstr.) **(Rus)**

[Combined (radiation and surgical) treatment of laryngeal cancer patients using metronidazole] Andreev VG. **Med Radiol (Mosk)** 1985 Aug;30(8):6-10 (Eng. Abstr.) **(Rus)**

[Combined and radiation therapy of rectal cancer using metronidazole] Baran LA, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):43-6 **(Rus)**

[Electron acceptor compounds as radiation sensitizers of hypoxic cells in human tumors] Kiseleva ES, et al. **Med Radiol (Mosk)** 1984 Sep;29(9):74-82 (27 ref.) **(Rus)**

[Morphology of laryngeal cancer in radiotherapy combined with the use of metronidazole] Lushnikov EF, et al. **Med Radiol (Mosk)** 1985 Apr;30(4):25-32 (Eng. Abstr.) **(Rus)**

[Effect of metronidazole on the radiosensitivity of Guerin's carcinoma during its growth] Rudakov NP, et al. **Med Radiol (Mosk)** 1985 Mar;30(3):76-7 **(Rus)**

[Potentiation of the radiosensitizing effect of metronidazole using whole-body drug-induced hyperthermia] Vasil'eva GS, et al. **Med Radiol (Mosk)** 1985 May;30(5):43-5 (Eng. Abstr.) **(Rus)**

[Experience in the treatment of rosacea and perioral dermatitis with trichopol] Shakhnes IE, et al. **Vestn Dermatol Venerol** 1985 Mar;(3):55-8 (Eng. Abstr.) **(Rus)**

[Metronidazole in the treatment of peritonitis of appendiceal origin] Ziman P, et al. **Rozhl Chir** 1984 Sep;63(8-9):606-10 (Eng. Abstr.) **(Slo)**

TOXICITY

The effect of metronidazole on wound healing in rats. Borden EB, et al. **Surgery** 1985 Mar;97(3):331-6

A model system for measuring comparative toxicities of cardiotoxic drugs with cultured rat heart myocytes, endothelial cells and fibroblasts. I. Emetine, chloroquine and metronidazole. Wenzel DG, et al. **Toxicology** 1984 Nov;33(2):103-15

METRORRHAGIA

DIAGNOSIS

[Hysteroscopy-curettage under local anesthesia in the exploration of abnormal uterine bleeding] Dargent D, et al. **Rev Fr Gynecol Obstet** 1984 Apr;79(4):293-6 (Eng. Abstr.) **(Fre)**

[Experience with diagnostic hysteroscopy] García JA. **Rev Chil Obstet Ginecol** 1983;48(5):310-23 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Hysteroscopic evaluation of intrauterine progesterone contraceptive system as a treatment for abnormal uterine bleeding. Scarselli G, et al. **Acta Eur Fertil** 1984 Jul-Aug; 15(4):279-82

[Platelet aggregation during the intake of sex steroids in patients with dysfunctional uterine hemorrhages in the climacteric] Marchenko LA. **Sov Med** 1985;(4):94-8 **(Rus)**

ETIOLOGY

Chylous metrorrhagia. Junod JM. **J Cardiovasc Surg (Torino)** 1985 Mar-Apr;26(2):107-9

[A 34-year-old woman with metrorrhagia and abdominal pain (clinicopathologic conference)] Sans Segarra M, et al. **Med Clin (Barc)** 1985 Jul 6;85(6):248-52 **(Spa)**

PATHOLOGY

[Routine biopsy from the cervix uteri in patients with metrorrhagia and normal cytological findings] Molin J, et al. **Ugeskr Laeger** 1985 Jan 7;147(2):89-90 (Eng. Abstr.) **(Dan)**

[Histological changes in the endometrium in women with metrorrhagia in the climacteric] Janjić M, et al. **Srp Arh Celok Lek** 1983 Aug;111(8):1089-95 (Eng. Abstr.) **(Scc)**

PHYSIOPATHOLOGY

Isolated menses in prepubertal girls. Blanco-Garcia M, et al. **Pediatrics** 1985 Jul;76(1):43-7

THERAPY

[Juvenile metrorrhagia] Kessler I, et al. **Harefuah** 1985 Feb 15;108(4):169-72 (Eng. Abstr.) **(Heb)**

[Step-by-step physiotherapy of menstruation disorders of central origin in adolescents] Kuznetsova MN, et al. **Akush Ginekol (Mosk)** 1985 Feb;(2):35-6 (Eng. Abstr.) **(Rus)**

METYRAPONE

ANALOGS & DERIVATIVES

Adrenal cortical 11 beta-hydroxylase and side-chain cleavage enzymes. Requirement for the A- or B-pyridyl ring in metyrapone for inhibition. Tobes MC, et al. **J Steroid Biochem** 1985 Jan;22(1):103-10

DIAGNOSTIC USE

Enzyme immunoassay for plasma 11-deoxycortisol. Application to metyrapone test. Hosoda H, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep;32(9):3594-600

The metyrapone test in affective disorders and schizophrenia II. Changes upon treatment. Perini GI, et al. **J Affective Disord** 1984 Dec;7(3-4):265-72

The metyrapone test in depressed males. Morphy MA, et al. **Prog Neuropsychopharmacol Biol Psychiatry** 1985; 9(2):187-91

The dexamethasone suppression and metyrapone tests in depression. Morphy MA, et al. **Psychiatry Res** 1985 Jun; 15(2):153-8

[Is the metyrapone test no longer useful in the evaluation of anterior pituitary corticotropin deficiency? (letter)]

Bachelot I, et al. **Presse Med** 1985 Jun 29;14(26):1433 (Fre)

METABOLISM

Cytochrome P-450 ligands: metyrapone revisited. Liu Z, et al. **Arch Biochem Biophys** 1985 Sep;241(2):397-402

Influence of species, sex and drug pretreatment on the metabolism of metyrapone. Dixon PA, et al. **Comp Biochem Physiol [C]** 1985;81(1):241-3

PHARMACODYNAMICS

Multiple-sites of inhibition by intravenous metyrapone of human adrenal steroidogenesis. Schöneshöfer M, et al. **Acta Endocrinol (Copenh)** 1985 Jul;109(3):378-85

Effects of metyrapone on plasma corticosterone concentration in Gallus domesticus. Freeman BM, et al. **Comp Biochem Physiol [C]** 1984;79(1):113-6

In vivo adrenocorticotropin (1-24)-induced accumulation of cyclic adenosine monophosphate by ovine fetal adrenal cells is inhibited by concomitant infusion of metopirone. Lye SJ, et al. **Endocrinology** 1984 Oct;115(4):1584-7

Corticosterone prevents the increase in noradrenaline-stimulated adenyl cyclase activity in rat hippocampus following adrenalectomy or metopirone. Roberts VJ, et al. **Eur J Pharmacol** 1984 Aug 17;103(3-4):235-40

Metyrapone: an agent for melatonin as well as ACTH and cortisol secretion. Brismar K, et al. **J Endocrinol Invest** 1985 Apr;8(2):91-5

Effects of etomidate on cortisol biosynthesis in isolated guinea-pig adrenal cells: comparison with metyrapone. De Coster R, et al. **J Endocrinol Invest** 1985 Jun;8(3):199-202

Effects of metyrapone on the pharmacological activity, plasma levels and urinary excretion of the dopamine receptor agonist DK-118. Koons JC, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):51-7

ACTH, cortisol and beta-endorphin response to metyrapone testing during chronic methadone maintenance treatment in humans. Kreek MJ, et al. **Neuropeptides** 1984 Dec;5(1-3):277-8

THERAPEUTIC USE

Aminoglutethimide and metyrapone in the management of Cushing's syndrome. Thorén M, et al. **Acta Endocrinol (Copenh)** 1985 Aug;109(4):451-7

Metyrapone for depression and delirium secondary to Cushing's syndrome. Kramlinger KG, et al. **Psychosomatics** 1985 Jan;26(1):67, 71

MEVALONIC ACID

ANALOGS & DERIVATIVES

Mechanism of the inhibition of cholesterol biosynthesis by 6-fluoromevalonate. Nave JF, et al. **Biochem J** 1985 Apr 1;227(1):247-54

Improved procedures for the synthesis of phosphomevalonate and for the assay and purification of pig liver phosphomevalonate kinase. Lee CS, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):83-9

Separation of mevalonate phosphates and isopentenyl pyrophosphate by thin-layer chromatography and of short-chain prenyl phosphates by ion-pair chromatography on a high-performance liquid chromatography column. Beyer P, et al. **Methods Enzymol** 1985;111:248-52

In vivo modulation of rat liver 3-hydroxy-3-methylglutaryl-coenzyme A reductase, reductase kinase, and reductase kinase kinase by mevalonolactone. Beg ZH, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7293-7

BIOSYNTHESIS

Isolation and characterization of yeast mutants blocked in mevalonic acid formation. Servouse M, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):424-30

BLOOD

Radioenzymatic assay of plasma mevalonate. Parker TS, et al. **Methods Enzymol** 1985;110:58-71

DEFICIENCY

Defective macromolecule biosynthesis and cell-cycle progression in a mammalian cell starved for mevalonate. Sinensky M, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3257-61

METABOLISM

Postnatal development of the sterol and nonsterol mevalonate metabolism in chick liver and kidneys. Effect of cholesterol feeding. Aguilera JA, et al. **Ann Nutr Metab** 1984;28(6):342-9

In vitro biosynthesis of isoprene from mevalonate utilizing a rat liver cytosolic fraction. Deneris ES, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):691-6

Studies on the diurnal rhythm of mevalonate metabolism by sterol and nonsterol pathways and of mevalonate-activating enzymes. Gonzalez-Pacanowska D, et al. **Int J Biochem** 1985;17(2):275-8

Transport of mevalonate by Pseudomonas sp. strain M. Gill JF Jr, et al. **J Bacteriol** 1984 Oct;160(1):294-8

Acid-catalyzed formation of isoprene from a mevalonate-derived product using a rat liver cytosolic fraction. Deneris ES, et al. **J Biol Chem** 1985 Feb 10;260(3):1382-5

Mevalonate utilization in Pseudomonas sp. M. Purification and characterization of an inducible 3-hydroxy-3-methylglutaryl coenzyme A reductase. Gill JF Jr, et al. **J Biol Chem** 1985 Aug 5;260(16):9393-8

Regulation of 3-hydroxy-3-methylglutaryl coenzyme A reductase synthesis by a non-sterol mevalonate-derived product in Mev-1 cells. Apparent translational control. Peffley D, et al. **J Biol Chem** 1985 Aug 25;260(18):9949-52

Role of the kidneys in the metabolism of plasma mevalonate. Studies in humans and in rhesus monkeys. McNamara DJ, et al. **J Clin Invest** 1985 Jul;76(1):31-9

Shunt pathway of mevalonate metabolism. Landau BR, et al. **Methods Enzymol** 1985;110:100-14

Metabolism of intracerebrally injected mevalonate in brain of suckling and young adult rats. Johnson RC, et al. **Neurochem Res** 1985 May;10(5):677-89

PHARMACODYNAMICS

The effect of excess mevalonic acid on ubiquinone and tetrahymanol biosynthesis in Tetrahymena pyriformis. Wilton DC. **Biochem J** 1985 Jul 15;229(2):551-3

PHYSIOLOGY

Role of mevalonate in regulation of cholesterol synthesis and 3-hydroxy-3-methylglutaryl coenzyme A reductase in cultured cells and their cytoplasts. Popják G, et al. **J Lipid Res** 1985 Jul;26(7):831-41

MEVINPHOS see under **INSECTICIDES, ORGANOPHOSPHATE**

MEXICAN AMERICANS see **HISPANIC AMERICANS**

MEXILETINE see under **PROPYLAMINES**

MEZCALIN see **MESCALINE**

MEZLOCILLIN

ADMINISTRATION & DOSAGE

Ceftazidime plus mezlocillin as initial antibiotic therapy in febrile neutropenic patients with haematological malignancy. Clough JV, et al. **J Antimicrob Chemother** 1985 Mar;15(3):353-63

Comparative pharmacokinetics and serum bactericidal activity of mezlocillin, ticarcillin and piperacillin, with and without gentamicin. Viollier AF, et al. **J Antimicrob Chemother** 1985 May;15(5):597-606

ADVERSE EFFECTS

Acute interstitial nephritis associated with mezlocillin, nafcillin, and gentamicin treatment for Pseudomonas infection. Cushner HM, et al. **Arch Intern Med** 1985 Jul;145(7):1204-7

Lack of cross-allergenicity between mezlocillin and other semisynthetic penicillins. Andersen R, et al. **Clin Pharm** 1984 Nov-Dec;3(6):644-5

Neutropenia associated with mezlocillin and piperacillin. Kirkwood CF, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):112-4

Observations on the toxicity of the combination of gentamicin and mezlocillin in the treatment of patients with acute leukaemia. Rankin EM, et al. **J Antimicrob Chemother** 1984 Oct;14(4):411-21

ANALYSIS

Mezlocillin concentrations in human aqueous humour after intravenous and subconjunctival administration. Behrens-Baumann W, et al. **Chemotherapy** 1985;31(3):169-72

BLOOD

Improved micromethod for mezlocillin quantitation in serum and urine by high-pressure liquid chromatography. Fiore D, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):775-7

METABOLISM

Kinetics of penetration and clearance of mezlocillin in the bronchopulmonary tract. Braga PC, et al. **Int J Clin Pharmacol Res** 1984;4(5):361-5

[The effect of infusion rate on pharmacokinetic parameters of azlocillin and mezlocillin] Haen E, et al. **Arzneimittelforschung** 1985;35(5):864-8 (Eng. Abstr.) (Ger)

PHARMACODYNAMICS

In vitro activities of ureidopenicillins alone and in combination with amikacin and three cephalosporin antibiotics. Moody JA, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):256-9

Mezlocillin, ceftizoxime, and amikacin alone and in combination against six Enterobacteriaceae in a neutropenic site in rabbits. Gerding DN, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:207-19

Pseudomonas aeruginosa beta-lactamase as a defence against azlocillin, mezlocillin and piperacillin. Jacobs JY, et al. **J Antimicrob Chemother** 1984 Sep;14(3):221-9

The effect of clavulanic acid on the susceptibility of Bacteroides fragilis to three acyl-ureidopenicillins, ampicillin and carbenicillin. Simpson CN, et al. **J Antimicrob Chemother** 1984 Aug;14(2):133-8

[In vitro activity of azlocillin and mezlocillin] Naumann G, et al. **Z Gesamte Hyg** 1984 Aug;30(8):427-31 (Eng. Abstr.) (Ger)

THERAPEUTIC USE

Effect of saturable clearance during high-dose mezlocillin therapy. Drusano GL, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):686-8

Prophylactic mezlocillin for transurethral prostatectomy. Allan WR, et al. **Br J Urol** 1985 Feb;57(1):46-9

Effects of cefotaxime, clindamycin, mezlocillin, and piperacillin on mouse sarcoma L-1 tumor. Roszkowski K, et al. **Cancer Immunol Immunother** 1984;18(3):164-8

Antibiotic therapy in biliary tract infections: clinical experiences with mezlocillin. Cristiano P, et al. **Chemioterapia** 1984 Jun;3(3):178-82

Clinical evaluation of mezlocillin in neonates. Chiu T, et al. **Clin Ther** 1984;6(5):625-35

Single-dose mezlocillin prophylaxis in emergency cesarean section. Jaffe R, et al. **Clin Ther** 1985;7(4):507-11

Prevention of post-appendicectomy sepsis by mezlocillin and metronidazole: a prospective, randomized, double-blind trial. McIntosh GS, et al. **J Antimicrob Chemother** 1984 Nov;14(5):537-42

Perioperative mezlocillin vs cefotaxime to prevent infections after genitourinary surgery. Childs SJ, et al. **Urology** 1985 Jun;25(6):657-61

[Perioperative antibiotic prophylaxis and the risk of wound infection in kidney transplantation] Grundmann R, et al. **Fortschr Med** 1984 Dec 20;102(47-48):1199-202 (Eng. Abstr.) (Ger)

[Animal experiment studies of the synergism between acylureido- penicillins and immunoglobulin G] Dalhoff A. **Immun Infekt** 1984 Feb;12(1):64-8 (Eng. Abstr.) (Ger)

[Effect of immunoglobulin and antibiotic in E. coli infection of malnourished mice] Viell B, et al. **Immun Infekt** 1984 Feb;12(1):61-4 (Eng. Abstr.) (Ger)

[Perioperative antibiotic therapy--clinical experiences with a combination of mezlocillin/sisomicin in accident surgery] Lais E. **Unfallchirurgie** 1984 Aug;10(4):168-72 (Eng. Abstr.) (Ger)

[Treatment of respiratory and urinary tract infections with low doses of mezlocillin] Polubiec A, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):93-5 (Eng. Abstr.) (Pol)

[Mezlocillin in abdominal surgery] Orlowski T, et al. **Wiad Lek** 1985 May 1;38(9):631-4 (Eng. Abstr.) (Pol)

MIANSERIN see under **DIBENZAZEPINES**

MICE

Effect of vitamin A deficiency on mammary gland development and susceptibility to mastitis through intramammary infusion with Staphylococcus aureus in mice. Chew BP, et al. **Am J Vet Res** 1985 Jan;46(1):287-93

Acute toxoplasmosis in hamsters and mice: measurement of pathogenicity by fever and weight loss. Elwell MR, et al. **Am J Vet Res** 1984 Dec;45(12):2663-7

Cross protection in mice and swine immunized with live erysipelas vaccine to challenge exposure with strains of Erysipelothrix rhusiopathiae of various serotypes. Takahashi T, et al. **Am J Vet Res** 1984 Oct;45(10):2115-8

Factors affecting spontaneous tumor incidence rates in mice: a literature review. Everett R. **CRC Crit Rev Toxicol** 1984;13(3):235-51 (103 ref.)

Functional and biochemical indicators of pneumoconiosis in mice: comparison with rats. Hatch GE, et al. **J Toxicol Environ Health** 1984;13(4-6):487-97

Irradiation of groups of mice and rats. Studies on the homogeneity of dose distribution in the irradiation field of a Co-60 source. Jensen JM, et al. **Lab Anim** 1984 Oct;18(4):332-5

Urethral plugs and urine retention in male mice. Taylor DM. **Lab Anim** 1985 Jul;19(3):189-91

The mouse in biomedical research. Jonas AM. **Physiologist** 1984 Oct;27(5):330-46

The use of 2-substituted 5-nitroimidazoles in the treatment of chronic murine Trypanosoma brucei infections with central nervous system involvement. Jennings FW, et al. **Z Parasitenkd** 1984;70(6):691-7

Macrophage mediated resistance to Babesia microti in Nematospiroides dubius--infected mice. Mzembe SA, et al. **Z Parasitenkd** 1984;70(6):753-61

[Serodiagnosis of Mycoplasma pulmonis infection in mice and rats by an enzyme-linked immunosorbent assay] Matsubara J, et al. **Jikken Dobutsu** 1985 Jan;34(1):49-55 (Eng. Abstr.) (Jpn)

ANATOMY & HISTOLOGY

Dynamic histology of the antral epithelium in the mouse stomach: III. Ultrastructure and renewal of pit cells. Lee ER. **Am J Anat** 1985 Mar;172(3):225-40

Dynamic histology of the antral epithelium in the mouse stomach: II. Ultrastructure and renewal of isthmal cells. Lee ER, et al. **Am J Anat** 1985 Mar;172(3):205-24

Dynamic histology of the antral epithelium in the mouse stomach: I. Architecture of antral units. Lee ER. **Am J Anat** 1985 Mar;172(3):187-204

Dynamic histology of the antral epithelium in the mouse stomach: IV. Ultrastructure and renewal of gland cells. Lee ER, et al. **Am J Anat** 1985 Mar;172(3):241-59

Analysis of gland cell behavior: appendix to the dynamic histology of the antral epithelium in the mouse stomach. Nadler NJ. **Am J Anat** 1985 Mar;172(3):261-4

Further evidence of bilateral cervical projection from the snout primary sensory neurons by HRP method. Narita N, et al. **Anat Anz** 1985;158(5):453-6

Nerve fiber caliber analyses in the mouse ramus digastricus and rami stylohyoidei with the electron microscope. Shimozawa A, et al. **Anat Anz** 1985;158(1):87-108

Nerve fiber caliber analysis in the mouse facial trunk distal to the stylomastoid foramen with the electron microscope. Shimozawa A, et al. **Anat Anz** 1984;157(2):113-26

Cytodifferentiation of the interstitial cells of Cajal related to the myenteric plexus of mouse intestinal muscle coat. An E.M. study from foetal to adult life. Faussone-Pellegrini MS. **Anat Embryol (Berl)** 1985;171(2):163-9

Serial section analysis of mouse hepatic peroxisomes. Gorgas K. **Anat Embryol (Berl)** 1985;172(1):21-32

The influence of the hair cycle on the thickness of mouse skin. Hansen LS, et al. **Anat Rec** 1984 Dec;210(4):569-73

Progenitor cell populations in the periodontal ligament of mice. McCulloch CA. **Anat Rec** 1985 Mar;211(3):258-62

The frequency and distribution of medium-sized neurons with indented nuclei in the primate and rodent neostriatum. Graveland GA, et al. **Brain Res** 1985 Feb 18; 327(1-2):307-11

Distribution of the lymphoid cells in the intestinal epithelium of mice. A preliminary communication. Rowiński J, et al. **Folia Morphol** 1984;43(2):105-8

Microprocessor-assisted plethysmograph for the measurement of mouse paw volume. Webb EF, et al. **J Pharmacol Methods** 1984 Sep;12(2):149-53

A quick-freeze, freeze-fracture study of mouse spermatozoa. Reger JF, et al. **J Submicrosc Cytol** 1985 Jan;17(1):57-64

Mouse atrio-ventricular valve ultrastructure morphometrical correlations. Filip DA. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):165-73

Fine structure, origin, and distribution density of the autonomic nerve endings in the sphincter and dilator muscles of the pupil of the mouse. Yamashita T, et al. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):173-81

Fine structure of the sphincter and dilator muscles of the pupil of the mouse. Yamashita T. **Okajimas Folia Anat Jpn** 1984 Aug;61(2-3):161-5

An intracellular study of dentate, CA1 and CA3 neurones in the mouse hippocampal slice. Biscoe TJ, et al. **Q J Exp Physiol** 1985 Apr;70(2):189-202

Ultrastructure of cyclic changes in the murine uterus, cervix, and vagina. Corbeil LB, et al. **Tissue Cell** 1985;17(1):53-68

[Adrenergic innervation of the smooth muscle cells of the cauda epididymis of the mouse] Nouhouayi Y, et al. **Acta Anat (Basel)** 1985;121(1):59-62 (Eng. Abstr.) **(Fre)**

[Immunization model of mice for a comparative trial of systemic and local administration of antigens. 2. Histological studies, determination of hemagglutinating antibodies and 3T-thymidine index in tissue sections from selected organs of white mice following immunization with sheep erythrocytes] Heilmann P, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):816-31 (Eng. Abstr.) **(Ger)**

[Free axon endings in the mouse epiglottis] Böck P. **Z Mikrosk Anat Forsch** 1984;98(6):813-31 (Eng. Abstr.) **(Ger)**

BLOOD

Diglyceryl lipase activity in mouse platelets. Franson RC, et al. **Thromb Res** 1984 Nov 15;36(4):323-9

EMBRYOLOGY

A study of the development of thoracic vertebrae in the mouse assisted by autoradiography. Dalgleish AE. **Acta Anat (Basel)** 1985;122(2):91-8

The organogenesis of murine striated muscle: a cytoarchitectural study. Ontell M, et al. **Am J Anat** 1984 Oct;171(2):133-48

Organogenesis of the mouse extensor digitorum logus muscle: a quantitative study. Ontell M, et al. **Am J Anat** 1984 Oct; 171(2):149-61

Effect of dexamethasone on the fetal mouse small intestine in organ culture. Beaulieu JF, et al. **Anat Rec** 1984 Sep; 210(1):61-71

Regulation of stage-specific gene expression during early mouse development: effect of cytochalasin B and aphidicolin on stage-specific protein synthesis in mouse eggs. Petzoldt U. **Cell Differ** 1984 Dec;15(2-4):163-7

Actin mRNA content in normal and delayed implanting mouse embryos. Giebelhaus DH, et al. **Dev Biol** 1985 Feb; 107(2):407-13

Serological analysis of early mouse embryo with rat monoclonal antibodies produced against mouse teratocarcinoma cells. Hamasima N, et al. **Differentiation** 1985;28(3):260-7

Intrauterine proximity to male fetuses predetermines level of epidermal growth factor in submandibular glands of adult female mice. Brown MJ, et al. **Endocrinology** 1984 Dec;115(6):2318-23

DNA-mediated genetic transformation of mouse embryos and bone marrow--a review. Gordon JW, et al. **Gene** 1985; 33(2):121-36 (60 ref.)

Autoradiographic studies on the distribution of labeled maternal RNA in early mouse embryos. Bachvarova R, et al. **J Exp Zool** 1985 Mar;233(3):397-403

Differentiation of mouse ectopic germinal cells in intra- and perigonadal locations. Francavilla S, et al. **J Exp Zool** 1985 Jan;233(1):101-9

The role of cell proliferation and cellular shape change in branching morphogenesis of the embryonic mouse lung: analysis using aphidicolin and cytochalasins. Goldin GV, et al. **J Exp Zool** 1984 Nov;232(2):287-96

Histogenesis in 11-day mouse embryo limb buds explanted in organ culture. Milaire J, et al. **J Exp Zool** 1984 Nov; 232(2):359-77

Immunocytochemical localization of glucocorticoid receptors in midgestation murine embryos and human embryonic cultured cells. Kim CS, et al. **J Histochem Cytochem** 1984 Nov;32(11):1234-7

Transient and differential expression of aspects of the catecholaminergic phenotype during development of the fetal bowel of rats and mice. Gershon MD, et al. **J Neurosci** 1984 Sep;4(9):2269-80

Histochemical observations of lipid droplets in mouse embryos. Hishinuma M, et al. **Jpn J Vet Res** 1985 Apr; 33(1-2):51-7

The effect of ethanol upon early development in mice and rats. VI. In vivo effect of acetaldehyde upon preimplantation stages in rats. Checiu M, et al. **Morphol Embryol (Bucur)** 1984 Jul-Sep;30(3):175-84

Effects of methylmercuric chloride on palate closure in mice. Hirata S, et al. **Okajimas Folia Anat Jpn** 1984 Aug; 61(2-3):153-60

Embryology of the mouse from ovulation through peri-implantation stages in vitro. Chávez DJ. **Scan Electron Microsc** 1984;(Pt 2):729-35

External examination of limb positions in near-term mouse fetuses: an experimental study and review of the literature published in Teratology. Pinto-Machado J. **Teratology** 1985 Jun;31(3):413-23 (55 ref.)

[Relation between teratocarcinoma cells and embryonic cells of the mouse. Potentialities and differentiation capacities] Monzó M, et al. **Rev Esp Oncol** 1982;29(3):473-9 (Eng. Abstr.) **(Spa)**

GENETICS

Morphological evidence of reduced bone resorption in the osteosclerotic (oc) mouse. Seifert MF, et al. **Am J Anat** 1985 Feb;172(2):141-53

Further evidence of inactivity of hypothalamo-pituitary-thyroid axis in Snell dwarf mice. Lewiński A, et al. **Anat Rec** 1984 Dec;210(4):617-27

Comparative gene mapping of human chromosome 21 and mouse chromosome 16. Cox DR, et al. **Ann NY Acad Sci** 1985;450:169-77

Mouse trisomy 16: an animal model of human trisomy 21 (Down syndrome). Epstein CJ, et al. **Ann NY Acad Sci** 1985;450:157-68

The immunogenetics of the mouse major histocompatibility gene complex. Hansen TH, et al. **Annu Rev Genet** 1984; 18:99-129 (135 ref.)

Karyotype and intermale aggression in wild house mice: ecology and speciation. Capanna E, et al. **Behav Genet** 1984 May;14(3):195-208

Purine nucleoside phosphorylase (Np) in the mouse: linkage relationship of Np-2 to esterase-10 (Es-10) and Np-1 on chromosome 14. Lukey T, et al. **Biochem Genet** 1985 Apr; 23(3-4):347-56

Linkage of lactate dehydrogenase-2, Ldh-2, in the mouse. Peters J, et al. **Biochem Genet** 1985 Apr;23(3-4):217-25

Structural organization of interspersed repetitive elements present in the DNA of Mus musculus. Tolberg ME, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):272-82

Viability of frozen-thawed mouse embryos is affected by genotype. Schmidt PM, et al. **Biol Reprod** 1985 Apr; 32(3):507-14

Transgenic mice. Palmiter RD, et al. **Cell** 1985 Jun; 41(2):343-5 (19 ref.)

Developmental molecular genetics of the mouse and its embryonal carcinoma. Dove WF. **Cell Differ** 1984 Dec; 15(2-4):205-13 (54 ref.)

An extra segment in chromosome 1 of wild Mus musculus: a C-band positive homogeneously staining region. Traut W, et al. **Cytogenet Cell Genet** 1984;38(4):290-7

Mast-cell precursors in the skin of mouse embryos and their deficiency in embryos of Sl/Sld genotype. Hayashi C, et al. **Dev Biol** 1985 May;109(1):234-41

Repetitive sequence transcripts and U1 RNA in mouse oocytes and eggs. Kaplan G, et al. **Dev Biol** 1985 May; 109(1):15-24

Drosophila P element integration in the mouse. Khillan JS, et al. **Dev Biol** 1985 May;109(1):247-50

Abnormal development of genetically normal fetal hematopoietic stem cells in steel mutant mouse fetuses. Okamoto T, et al. **Dev Biol** 1985 May;109(1):251-4

Activation of paternally derived regulatory mechanism in early mouse embryo. Szöllösi D, et al. **Dev Biol** 1985 Sep; 111(1):256-9

Molecular cloning and sequence analysis of a cDNA coding for the mouse alpha-like embryonic globin chain x. Farace MG, et al. **Gene** 1984 Nov;31(1-3):241-5

A mouse DNA sequence that mediates integration and excision of polyoma virus DNA. Sylla BS, et al. **Gene** 1984 Sep;29(3):343-50

Characterization of dominant cataract mutations in mice: penetrance, fertility and homozygous viability of mutations recovered after 250 mg/kg ethylnitrosourea paternal treatment. Favor J. **Genet Res** 1984 Oct;44(2):183-97

A presumed deletion covering the W and Ph loci of the mouse. Lyon MF, et al. **Genet Res** 1984 Oct;44(2):161-8

Chromosomal anomalies that cause male sterility in the mouse also reduce ovary size. Mittwoch U, et al. **Genet Res** 1984 Oct;44(2):219-24

Protein and amino acid composition of hair from mice carrying the naked (N) gene. Raphael KA, et al. **Genet Res** 1984 Aug;44(1):29-38

A new spontaneous mutation at the tufted locus within a mouse t haplotype. Silver LM, et al. **Genet Res** 1985 Feb; 45(1):107-12

Ethylnitrosourea mutagenesis and the isolation of mutant alleles for specific genes located in the T region of mouse chromosome 17. Bode VC. **Genetics** 1984 Oct; 108(2):457-70

Evolution and variation of renin genes in mice. Dickinson DP, et al. **Genetics** 1984 Nov;108(3):651-67

Quantitative genetics and the evolution of ontogeny. II. Genetic and environmental correlations among age-specific characters in randombred house mice. Leamy L, et al. **Growth** 1984 Autumn;48(3):339-53

A re-examination of the case for homology between the X and Y chromosomes of mouse and man. Ashley T. **Hum Genet** 1984;67(4):372-7

Polymorphism of heavy chain immunoglobulin isotypes in the Mus subgenus. I. Limited gamma 3 polymorphism revealed by antibodies raised in SPE wild-derived inbred strain. Amor M, et al. **Immunogenetics** 1984;20(5):577-81

Monoclonal antibodies to mouse antigens. II. Characterization of thirty-one anti-I-J reagents. Hauptfeld V, et al. **Immunogenetics** 1985;21(2):193-7

Definitive chromosomal location of the H-2 complex by in situ hybridization to pachytene chromosomes. Lader E, et al. **Immunogenetics** 1985;22(1):49-54

Direct and maternal genetic differences between lines of mice selected for body weight and litter size: traits of dams. Bandy TR, et al. **J Anim Sci** 1984 Sep;59(3):630-42

Defective endocytosis of low-density lipoprotein in monensin-resistant mutants of the mouse Balb/3T3 cell line. Tomita K, et al. **J Cell Physiol** 1985 Jun;123(3):369-76

An inherited agent of mutation with chromosome damage in wild mice. Wallace ME. **J Hered** 1985 Jul-Aug; 76(4):271-8

Commentary on the genetic basis for control of I-J determinants. Murphy DB. **J Immunol** 1985 Sep; 135(3):1543-7

Isolation of a clone coding for the alpha-subunit of a mouse acetylcholine receptor. Boulter J, et al. **J Neurosci** 1985 Sep;5(9):2545-52

Distribution and quantitation of immunoreactive gut neuropeptides in piebald mice and their normal littermates. Kaufman BH, et al. **J Surg Res** 1985 May;38(5):479-83

Segregation of restriction fragment length polymorphism in an interspecies cross of laboratory and wild mice indicates tight linkage of the murine IFN-beta gene to the murine IFN-alpha genes. Dandoy F, et al. **J Virol** 1985 Oct; 56(1):216-20

Primer binding sites corresponding to several tRNA species are present in DNAs of different members of the same retrovirus-like gene family (VL30). Itin A, et al. **J Virol** 1985 Apr;53(4):236-9

Amplification of extrachromosomal small circular DNAs in a murine model of accelerated senescence. A brief note. Yamagishi H, et al. **Mech Ageing Dev** 1985 Jan;29(1):101-3

Developmental fate of a human insulin gene in a transgenic mouse. van der Putten H, et al. **MGG** 1984;198(1):128-38

Developmental regulation of alpha-fetoprotein genes in transgenic mice. Krumlauf R, et al. **Mol Cell Biol** 1985 Jul;5(7):1639-48

Structure of a murine alpha interferon pseudogene with a repetitive R-type sequence in the 3' flanking region. Le Roscouet D, et al. **Mol Cell Biol** 1985 Jun;5(6):1343-8

Analysis of a transgenic mouse containing simian virus 40 and v-myc sequences. Small JA, et al. **Mol Cell Biol** 1985 Apr;5(4):642-8

Most classical Mus musculus domesticus laboratory mouse strains carry a Mus musculus musculus Y chromosome. Bishop CE, et al. **Nature** 1985 May 2-8;315(6014):70-2

Differential activity of maternally and paternally derived chromosome regions in mice. Cattanach BM, et al. **Nature** 1985 Jun 6-12;315(6019):496-8

Structural analysis of murine genes containing homoeo box sequences and their expression in embryonal carcinoma cells. Colberg-Poley AM, et al. **Nature** 1985 Apr 25-May 1;314(6013):713-8

Expression of human growth hormone-releasing factor in transgenic mice results in increased somatic growth. Hammer RE, et al. **Nature** 1985 May 30-Jun 5; 315(6018):413-6

Developmental regulation of a cloned adult beta-globin gene in transgenic mice. Magram J, et al. **Nature** 1985 May

23-29;315(6017):338-40

Expression of c-mos proto-oncogene transcripts in mouse tissues. Propst F, et al. **Nature** 1985 Jun 6-12; 315(6019):516-8

Complete nucleotide sequence of the murine H-2Kk gene. Comparison of three H-2K locus alleles. Arnold B, et al. **Nucleic Acids Res** 1984 Dec 21;12(24):9473-87

Organization and structure of the mouse interleukin-2 gene. Fuse A, et al. **Nucleic Acids Res** 1984 Dec 21; 12(24):9323-31

Characterization of a mouse somatic cytochrome c gene and three cytochrome c pseudogenes. Limbach KJ, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):617-30

Comparison of genomic fragment and clone sequences within a long interspersed repeated sequence of the mouse genome. Vizard DL, et al. **Nucleic Acids Res** 1985 Jan 25; 13(2):473-84

Microdissection and microcloning of the mouse X chromosome. Fisher EM, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5846-9

Differential expression of the mouse cholecystokinin gene during brain and gut development. Friedman J, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5593-7

Quantitative and qualitative changes in histone gene expression during early mouse embryo development. Graves RA, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(17):5685-9

Evidence that a major class of mouse endogenous long terminal repeats (LTRs) resulted from recombination between exogenous retroviral LTRs and similar LTR-like elements (LTR-IS). Schmidt M, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6696-700

Expression of cellular oncogenes during embryonic and fetal development of the mouse. Slamon DJ, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7141-5

Introduction of a selectable gene into different animal tissue by a retrovirus recombinant vector. Stuhlmann H, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7151-5

The genetic background modulates the effect of the beige gene on susceptibility to cytomegalovirus infection in mice. Shellam GR, et al. **Scand J Immunol** 1985 Aug;22(2):147-55

Frog genes jump species [news] Lewin R. **Science** 1984 Nov 23;226(4677):955

Mouse kidney renin gene is on chromosome one. Chirgwin JM, et al. **Somatic Cell Mol Genet** 1984 Nov;10(6):633-7

The question of inheritance of immunological tolerance. Hašek M, et al. **Surv Immunol Res** 1985;4(1):35-40

The myc oncogene in mouse plasmacytomagenesis. Potter M. **Surv Synth Pathol Res** 1984;3(6):499-509

Reduction in the frequency of neural tube defects in splotch mice by retinoic acid. Kapron-Brás CM, et al. **Teratology** 1985 Aug;32(1):87-92

Elevated rate of DNA synthesis and its correlation to cAMP-phosphodiesterase activity during induction of polydactyly in mouse embryos heterozygous for Hemimelia-extra toe (Hmx). Knudsen TB, et al. **Teratology** 1985 Feb;31(1):155-66

[Repetitive sequences of the A2 genome family in mice: size and transcription characteristics] Bukrinskii MI, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct;278(1):231-3 **(Rus)**

[Effect of mutations of chromosome 17 on homolog segregation in the progeny of mice heterozygous for Robertsonian translocation] Rubinskii AO, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct;278(1):224-6 **(Rus)**

[Small cytoplasmic poly(A)+RNA, homologous to the B2 repetitive sequence of the mouse genome, is present in ribonucleoproteins] Tillib SV, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1639-50 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Differentiation of extracellular matrix in the cellular cartilage ('Zellknorpel') of the mouse pinna. Mallinger R, et al. **Anat Embryol (Berl)** 1985;172(1):69-74

Myosin switches in skeletal muscle development of an urodelan amphibian, Pleurodeles waltlii. Comparison with a mammalian, Mus musculus. d'Albis A, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):94-100

Effects of selection on growth, body composition and food intake in mice. II. Correlated responses in reproduction. Brien FD, et al. **Genet Res** 1984 Aug;44(1):73-85

Weight and age at puberty in female and male mice of strains selected for large and small body size. Falconer DS. **Genet Res** 1984 Aug;44(1):47-72

Composition of growth in mice with a major gene for rapid postweaning gain. Calvert CC, et al. **J Anim Sci** 1984 Aug; 59(2):361-5

IMMUNOLOGY

The main histocompatibility complex and ageing in mice and men. Kafetz K. **Age Ageing** 1984 Sep;13(5):291-4 (19 ref.)

Multiparity and sex ratio in mice. Ashman RB. **Aust J Exp Biol Med Sci** 1985 Apr;63 (Pt 2):195-6

Localization of mouse TEC-1,2,3 antigens in adult and fetal tissues in the rat and human. Bukovský A, et al. **Cell Differ** 1984 Dec;15(2-4):115-9

Detection of immunoglobulin heavy chain IgG3 polymorphism in wild mice with xenogeneic monoclonal antibodies. Huang CM, et al. **Immunogenetics** 1984; 20(5):565-75

The gene encoding the Ia-associated invariant chain is located on chromosome 18 in the mouse. Yamamoto K, et al. **Immunogenetics** 1985;21(1):83-90

Comparison of MHC genes among distantly related members of the genus Mus. Rogers MJ, et al. **J Immunol** 1985 Jan; 134(1):630-6

A novel in vitro assay for mouse IgE. Hall TJ, et al. **J Immunol Methods** 1985 Jun 25;80(2):145-54

Characterization of the analogues to human pregnancy-associated alpha 2-glycoprotein (alpha 2PAG, PZP) isolated in the mouse and rat. Hau J, et al. **Lab Anim** 1984 Oct;18(4):344-8

Cross-reactivities of mouse anti-xenogeneic lymphocyte antisera with mouse lymphocytes. Yamamoto H. **Nippon Juigaku Zasshi** 1985 Jun;47(3):371-8

Factors affecting the immunogenicity of Pasteurella haemolytica in mice. Cameron CM, et al. **Onderstepoort J Vet Res** 1984 Jun;51(2):97-102

Immune response of mice and sheep to bluetongue virus inactivated by gamma irradiation. Campbell CH, et al. **Prog Clin Biol Res** 1985;178:639-47

Indirect immunofluorescence and immunodiffusion tests in the detection of antibodies to foot-and-mouth disease virus. Schudel AA, et al. **Vet Res Commun** 1985 Feb;9(1):15-23

Plasma IgG1 and IgG2a in female mice and their offspring during the period of colostrum production. Nielsen E. **Z Versuchstierkd** 1985;27(1):17-22

METABOLISM

Pharmacokinetics of 3-[Bis(2-hydroxyethyl)amino]acetophenone-(4,5-diphenyloxazol-2-yl)hydrazone (ZIMET 98/69) in mice. Amlacher R, et al. **Acta Virol (Praha)** 1984 Sep;28(5):445

Esterase-13 of the rat (Rattus norvegicus) and its homology with esterase-3 of the house mouse (Mus musculus). Scholze M, et al. **Comp Biochem Physiol [B]** 1984; 78(3):713-8

Hormonally sensitive esterase activity in the mouse uterus results from uptake of plasma esterase. Kadner SS, et al. **Endocrinology** 1984 Dec;115(6):2406-17

Characterization of thyrotropin-induced increase in iodothyronine monodeiodinating activity in mice. Wu SY, et al. **Endocrinology** 1985 Mar;116(3):901-8

Entry of diphtheria toxin linked to concanavalin A into primate and murine cells. Guillemot JC, et al. **J Cell Physiol** 1985 Feb;122(2):193-9

Identification of beta-adrenergic receptors in mouse brain with 3H-dihydroalprenolol. Nomura S, et al. **Keio J Med** 1983 Nov;32(1-2):1-7

Ontogenic variations in the interactions of lactate dehydrogenase isozymes with cellular structure. Reid S, et al. **Mech Ageing Dev** 1985 Jun;31(1):69-87

Longevity-dependent organ-specific accumulation of DNA damage in two closely related murine species. Su CM, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):239-47

The fate of 4-cyano-N,N-dimethylaniline in mice: the occurrence of a novel metabolite during N-demethylation of an aromatic amine. Logan CJ, et al. **Xenobiotica** 1985 May;15(5):391-7

[Net protein utilization of stock diets for rats and mice] Yamanaka M. **Jikken Dobutsu** 1985 Apr;34(2):211-4 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGY

Cryptic plasmids in Lactobacillus strains isolated from the murine gastrointestinal tract. Lin JH, et al. **Appl Environ Microbiol** 1985 Apr;49(4):1004-6

A defective ecotropic provirus closely linked to the albino locus. Silver J. **J Virol** 1985 Aug;55(2):494-6

Monocontamination of germ-free mice by a fastidious unidentified anaerobe. Taylor DM. **Lab Anim** 1985 Jul; 19(3):251-4

Host range of mink cell focus-inducing viruses. Cloyd MW, et al. **Virology** 1985 Jan 30;140(2):239-48

PARASITOLOGY

Lack of schizontocidal activity of three herbal decoctions on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):55-8

Screening of Morinda lucida leaf extract for antimalarial action on Plasmodium berghei berghei in mice. Makinde JM, et al. **Afr J Med Med Sci** 1985 Mar-Jun;14(1-2):59-63

Effect of Azadirachta indica on Plasmodium berghei berghei in mice. Obih PO, et al. **Afr J Med Med Sci** 1985 Mar-Jun; 14(1-2):51-4

Investigations of various extracts of Morinda lucida for antimalarial actions on Plasmodium berghei berghei in mice. Obih PO, et al. **Afr J Med Med Sci** 1985 Mar-Jun; 14(1-2):45-9

Demodex flagellurus sp. n. (Acari: Demodicidae) from the preputial and clitoral glands of the house mouse, Mus musculus L. Bukva V. **Folia Parasitol (Praha)** 1985; 32(1):73-81 passim

Nippostrongylus brasiliensis: feeding activity in the mouse. Bottjer KP, et al. **Int J Parasitol** 1985 Feb;15(1):9-14

House mouse mites infesting laboratory rodents. Levine JF, et al. **Lab Anim Sci** 1984 Aug;34(4):393-4

[Comparative studies of the development of Schistosoma japonicum in hamsters, mice and rats] Schmid K, et al. **Berl Munch Tierarztl Wochenschr** 1985 Jan 1;98(1):25-7 (Eng. Abstr.) **(Ger)**

PHYSIOLOGY

Bone healing after amputation of mouse digits and newt limbs: implications for induced regeneration in mammals. Neufeld DA. **Anat Rec** 1985 Feb;211(2):156-65

The innervation of the trachea and extrapulmonary bronchi of the mouse. Pack RJ, et al. **Cell Tissue Res** 1984; 238(1):61-8

gamma-Amino butyric-N-acid sensitivity of mouse and human oocytes. Dolci S, et al. **Dev Biol** 1985 May; 109(1):242-6

Evaluation of the involvement of the adrenals in the pheromonal influences on the oestrous cycle of laboratory mice. Gangrade BK, et al. **Exp Clin Endocrinol** 1984 Jul; 84(1):13-9

Rapid in vivo quantification and comparison of hydroperoxides and oxidized collagen in aging mice, rabbits and man. Lippman RD. **Exp Gerontol** 1985;20(1):1-5

Potassium and caffeine contractures in limb muscles of normal and dystrophic (C57 BL/6J dy2J/dy2J) mice. Noireaud J, et al. **Exp Neurol** 1985 Mar;87(3):495-502

Traits that influence longevity in mice. Yunis EJ, et al. **Genetics** 1984 Dec;108(4):999-1011

Active maturation-promoting factor is present in mature mouse oocytes. Sorensen RA, et al. **J Cell Biol** 1985 May; 100(5):1637-40

Sexual behavior and aggression in male mice: involvement of the vomeronasal system. Clancy AN, et al. **J Neurosci** 1984 Sep;4(9):2222-9

Pheromonally induced release of luteinizing hormone in male mice: involvement of the vomeronasal system. Coquelin A, et al. **J Neurosci** 1984 Sep;4(9):2230-6

Variation with age of the dielectric properties of mouse brain cerebrum. Thurai M, et al. **Phys Med Biol** 1984 Sep; 29(9):1133-6

Birth dates of retinal ganglion cells giving rise to the crossed and uncrossed optic projections in the mouse. Dräger UC. **Proc R Soc Lond [Biol]** 1985 Mar 22;224(1234):57-77

Genesis of oestrogenic inhibition of soleus muscle development in female mice. Ihemelandu EC. **Res Vet Sci** 1984 Sep;37(2):138-40

Effect of perinatal hypercapnia on the adult ventilatory response to carbon dioxide. Birchard GF, et al. **Respir Physiol** 1984 Sep;57(3):341-7

[Measurement of motor activity of mice divergently selected for body mass using acoustic methods] Heckl-Enszlin C, et al. **Z Versuchstierkd** 1984;26(4):169-73 (Eng. Abstr.) **(Ger)**

[Action of the volatile components of the urine on the generative function of sexually immature male house mice Mus musculus L.] Novikov SN, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1506-8 **(Rus)**

URINE

Epidermal growth factor in neonatal mouse urine: maturative effect of thyroxine. Perheentupa J, et al. **Pediatr Res** 1984 Nov;18(11):1080-4

MICE, DEER see PEROMYSCUS

MICE, HOUSE see MICE

MICE, INBRED A

GENETICS

The genetics of hormone-induced cyclic AMP production and phospholipid N-methylation in inbred strains of mice. Markovac J, et al. **Genet Res** 1985 Apr;45(2):167-77

Combinational diversity within variable regions bearing the predominant anti-p-azophenylarsonate idiotype of strain A mice. Wysocki LJ, et al. **J Immunol** 1985 Apr; 134(4):2740-7

Recombinant inbred mouse strains derived from A/J and C57BL/6J: a tool for the study of genetic mechanisms in host resistance to infection and malignancy. Nesbitt MN, et al. **J Leukocyte Biol** 1984 Sep;36(3):357-64

IMMUNOLOGY

Self reactive delayed type hypersensitivity (DTH) induced in mice by syngeneic lymphoblasts. Klein I, et al. **Immunobiology** 1985 Feb;169(1):45-59

Immunological investigations in inbred mice chronically infected with cytopathogenic agents isolated from human cases of Balkan endemic nephropathy. Voiculescu C, et al. **Virologie** 1985 Apr-Jun;36(2):119-28

PHYSIOLOGY

Lymphocyte aging in allophenic mice. Warner CM, et al. **Exp Gerontol** 1985;20(1):35-45

MICE, INBRED AKR

High incidence of B cell lymphomas derived from thymectomized AKR mice expressing TL.4 antigen. Peled A, et al. **J Exp Med** 1985 Sep 1;162(3):1081-6

[Oncological characteristics of AKR/JY mice] Khar'kovskaia NA, et al. **Eksp Onkol** 1984;6(4):62-6 (Eng. Abstr.) **(Rus)**

GENETICS

AKR/J gene(s) unlinked to H-2 determines dominant inheritance of lymphocyte hyporesponsiveness to acetylcholine receptor. Gorzynski TJ, et al. **J Immunol** 1985 Apr;134(4):2079-83

Chromosomal assignment of two endogenous ecotropic murine leukemia virus proviruses of the AKR/J mouse strain. Taylor BA, et al. **J Virol** 1985 Oct;56(1):172-5

IMMUNOLOGY

Thymic control in expression of natural killer activity in AKR and C57BL/6 mice. Vaillier D, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):1-12

MICE, INBRED BALB C

Spontaneous polyposis in the small intestine of germ-free and conventionalized BALB/c mice. Mizutani T, et al. **Cancer Lett** 1984 Nov;25(1):19-23

Pathology of vaginal atresia in BALB/cA-nu/+ and BALB/cA-nu/nu mice. Matsushita S, et al. **Jikken Dobutsu** 1984 Jul;33(3):365-8

Spontaneous Reye's-like syndrome in BALB/cByJ mice. Brownstein DG, et al. **Lab Invest** 1984 Oct;51(4):386-95

Distribution and incidence of calcified lesions in DBA/2NCrj and BALB/cAnNCrj mice. Doi K, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):479-82

EMBRYOLOGY

[Development and survival of mouse embryos in intra- and interstrain transplants] Titok TG, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):433-7 (Eng. Abstr.) **(Rus)**

GENETICS

Structure of a gene encoding a murine thymus leukemia antigen, and organization of Tla genes in the BALB/c mouse. Fisher DA, et al. **J Exp Med** 1985 Aug 1; 162(2):528-45 (49 ref.)

Inhibition of CFU-E colony formation by resident peritoneal macrophages from hybrids of BALB/c mice. Johnson CS, et al. **J Leukocyte Biol** 1984 Nov;36(5):581-90

The mode of inheritance of a defect in lamination in the hippocampus of BALB/c mice. Nowakowski RS. **J Neurogenet** 1984 Sep;1(3):249-58

Occurrence of tumors among litters of BALB/c female mice. Gaylor DW, et al. **JNCI** 1985 Apr;74(4):803-9

Stable transfer and restricted expression of a cloned class I gene encoding a secreted transplantation-like antigen. Barra Y, et al. **Mol Cell Biol** 1985 Jun;5(6):1295-300

Structure and expression of genes encoding murine Qa-2 class I antigens. Mellor AL, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5920-4

Chromosomal locations of the human and mouse genes for precursors of epidermal growth factor and the beta subunit of nerve growth factor. Zabel BU, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):469-73

IMMUNOLOGY

T-cell responsiveness in Mycobacterium lepraemurium infections in a 'resistant' (CBA) and a 'susceptible' (BALB/c) mouse strain. Brett SJ. **Cell Immunol** 1984 Nov; 89(1):132-43

Ontogenic development of proliferative and polyclonal antibody and autoantibody responses to staphylococcal peptidoglycan, protein A and cell walls in mice. Dziarski R. **Dev Comp Immunol** 1985 Winter;9(1):119-30

Frequencies of phosphorylcholine-specific and T15-associated 10/13 idiotope-positive B cells within lipopolysaccharide-reactive B cells of adult BALB/c mice. Lévy M. **Eur J Immunol** 1984 Sep;14(9):864-8

BALB/c antiarsonate idiotypes: gene complementation necessary for expression. Brown AR, et al. **Immunogenetics** 1984;20(4):417-32

Recognition of an Igh-linked histocompatibility antigen, H-40, on B-cell tumors by cytotoxic T lymphocytes. Forman J, et al. **Surv Immunol Res** 1985;4(1):41-7

[Immunization of BALB/c mice with cultured amastigotes of Leishmania mexicana amazonensis: protection by gamma-irradiated parasites] Hu XS, et al. **Ssu Chuan I Hsueh Yuan Hsueh Pao** 1985 Mar;16(1):1-5 (Eng. Abstr.) **(Chi)**

[Possible zymosan stimulation of the immune response of BALB/c mice to sheep erythrocytes and tumor target cells] Liepa VE, et al. **Eksp Onkol** 1985;7(3):43-7 (Eng. Abstr.) **(Rus)**

METABOLISM

Comparison of the distribution kinetics and metabolism to acid end-products of corticosterone and 11-deoxycorticosterone in BALB/c mice. Marandici A, et al. **J Steroid Biochem** 1985 Apr;22(4):539-45

The fate of corticosterone and 11-deoxycorticosterone in C57BL/6 and BALB/c strains of mice: distribution and oxidative metabolism. Marandici A, et al. **J Steroid Biochem** 1984 Nov;21(5):579-83

MICROBIOLOGY

The derivation and use of mice which do not harbour lactobacilli in the gastrointestinal tract. Tannock GW, et al. **Can J Microbiol** 1984 Jun;30(6):849-53

Molecular clones of endogenous murine leukemia virus-related DNA sequences from Balb/c mice: characterization of integration sites. Bacheler LT. **Virology** 1984 Oct 15;138(1):129-42

PHYSIOLOGY

Effect of 5'-methylthioadenosine (a naturally occurring nucleoside) on murine hematopoiesis. Wolford RW, et al. **Exp Hematol** 1984 Dec;12(11):867-71

Effect of moderate prenatal ethanol exposure on postnatal brain and behavioral development in BALB/c mice. Wainwright P, et al. **Exp Neurol** 1985 Jul;89(1):237-49

Number of dopamine neurons predicts prolactin levels in two inbred mouse strains. Sved AF, et al. **Experientia** 1985 May 15;41(5):644-6

Superoxide dismutase isoenzymes in tissues and plasma from New Zealand black mice, nude mice and normal BALB/c mice. Marklund SL. **Mutat Res** 1985 Jan-Feb; 148(1-2):129-34

Cervicovaginal abnormalities in BALB/c mice treated neonatally with sex hormones. Bern HA, et al. **Teratology** 1984 Oct;30(2):267-74

MICE, INBRED C3H

Culture conditions induce the appearance of immortalized C3H mouse cell lines. Curatolo L, et al. **In Vitro** 1984 Aug; 20(8):597-601

Cadmium hypersusceptibility in the C3H mouse liver: cell specificity and possible role of metallothionein. Quaife C, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):9-17

GENETICS

The inheritance of skeletal muscle fibre composition in mice. Nimmo MA, et al. **Comp Biochem Physiol** [A] 1985; 81(1):109-15

Genetic control of pathogenesis of diabetes in C3H mice. Influence of the major histocompatibility complex. Leiter EH. **Diabetes** 1984 Nov;33(11):1068-71

Subline divergence within L.C. Strong's C3H and CBA inbred mouse strains. A review. Whitmore AC, et al. **Immunogenetics** 1985;21(5):407-28 (106 ref.)

Evidence for separate genetic defects in C3H/HeJ and C3HeB/FeJ mice, that affect susceptibility to gram-negative infections. Hagberg L, et al. **J Immunol** 1985 Jun;134(6):4118-22

Establishment of mouse cell lines homozygous for temperature-sensitive mutation in catalase gene. Lewis WH. **Somatic Cell Mol Genet** 1985 Jul;11(4):319-24

IMMUNOLOGY

Macrophage-mediated mitogenic suppression induced in mice of the C3H lineage by a vaccine strain of Salmonella typhimurium. Lee JC, et al. **Cell Immunol** 1985 Mar; 91(1):75-91

[Effect of exogenous RNA preparations on the antitumor activity of the splenocytes in C3HA mice] Aksenova NN, et al. **Tsitologiia** 1984 Jun;26(6):729-34 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Difference in susceptibility to gram-negative urinary tract infection between C3H/HeJ and C3H/HeN mice. Hagberg L, et al. **Infect Immun** 1984 Dec;46(3):839-44

MICE, INBRED C57BL

Effect of diet on spontaneous disease in the inbred mouse strain C57B1/10J. Tucker MJ. **Toxicol Lett** 1985 May; 25(2):131-5

ANATOMY & HISTOLOGY

[The dermal melanocytes in the scrotal skin of C-57BL mice] Tezuka T, et al. **Nippon Hifuka Gakkai Zasshi** 1984 May; 94(6):677-80 **(Jpn)**

BLOOD

The hematopoietic stem cells of alpha-thalassemic mice. Barker JE, et al. **Blood** 1985 Sep;66(3):595-601

Age-correlated and ovary-dependent changes in relationships between plasma estradiol and luteinizing hormone, prolactin, and growth hormone in female C57BL/6J mice. Mobbs CV, et al. **Endocrinology** 1985 Feb; 116(2):813-20

EMBRYOLOGY

Microinjection of simian adenovirus SA7 (C-8) DNA into the mouse zygotes: differential distribution of viral DNA in organs. Gazaryan KG, et al. **Cell Differ** 1984 Oct; 14(4):267-76

[Development and survival of mouse embryos in intra- and interstrain transplants] Titok TG, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):433-7 (Eng. Abstr.) **(Rus)**

GENETICS

Dysdifferentiative nature of aging: age-dependent expression of mouse mammary tumor virus and casein genes in brain and liver tissues of the C57BL/6J mouse strain. Dean RG, et al. **Arch Gerontol Geriatr** 1985 Apr;4(1):43-51

Regional linkage analysis of the dioxin-inducible P-450 gene family on mouse chromosome 9. Hildebrand CE, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):396-406

The dynamic insulin secretory response of isolated pancreatic islets of the diabetic mouse. Evidence for a gene dosage effect on insulin secretion. Molina JM, et al. **Diabetes** 1984 Nov;33(11):1120-3

The genetics of hormone-induced cyclic AMP production and phospholipid N-methylation in inbred strains of mice. Markovac J, et al. **Genet Res** 1985 Apr;45(2):167-77

Frequency difference limens of C57BL/6 and DBA/2 mice: relationship to auditory neuronal response properties and hearing impairment. Kulig J, et al. **Hear Res** 1984 Nov; 16(2):169-74

The acoustic startle response in DBA/2 and C57BL/6 mice: relationship to auditory neuronal response properties and hearing impairment. Willott JF, et al. **Hear Res** 1984 Nov; 16(2):161-7

Recombinant inbred mouse strains derived from A/J and C57BL/6J: a tool for the study of genetic mechanisms in host resistance to infection and malignancy. Nesbitt MN, et al. **J Leukocyte Biol** 1984 Sep;36(3):357-64

Stable transfer and restricted expression of a cloned class I gene encoding a secreted transplantation-like antigen. Barra Y, et al. **Mol Cell Biol** 1985 Jun;5(6):1295-300

Genetic analysis of spontaneous and induced palatal slit in C57BL/6 mice. Kusanagi T, et al. **Teratology** 1985 Aug; 32(1):125-32

[Antigenicity of alumina ceramic and calcium phosphate ceramics--genetic control of the immune response] Nagase M. **Nippon Seikeigeka Gakkai Zasshi** 1985 Feb;59(2):183-91 (Eng. Abstr.) **(Jpn)**

[Genetic effect of chronic gamma radiation exposure in male mice] Pomerantseva MD, et al. **Genetika (Moskva)** 1985 Feb;21(2):245-51 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Thymic control in expression of natural killer activity in AKR and C57BL/6 mice. Vaillier D, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):1-12

Secretion of a soluble class I molecule encoded by the Q10 gene of the C57BL/10 mouse. Devlin JJ, et al. **EMBO J** 1985 Feb;4(2):369-74

Structure of primary anti-(4-hydroxy-3-nitrophenyl)acetyl (NP) antibodies in normal and idiotypically suppressed C57BL/6 mice. Cumano A, et al. **Eur J Immunol** 1985 May;15(5):512-20

Low IgG response of the mouse strain C57BL/10ScSn after immunization with protein antigens. Říhová B, et al. **Folia Microbiol (Praha)** 1985;30(3):295-301

H-2-linked genes which modify resistance of C57BL/10 mice to subcutaneous infection with Mycobacterium lepraemurium. Curtis J, et al. **Infect Immun** 1984 Dec; 46(3):635-8

Allograft rejection-defined antigens of the B2m,H-3 region. Graff RJ, et al. **J Immunol** 1985 Oct;135(4):2842-6

Biosynthesis of mouse Thy-1 antigen. Luescher B, et al. **J Immunol** 1985 Feb;134(2):1084-9

T cell subsets in (responder x nonresponder)F1 mice regulating antibody responses to L-glutamic acid60-L-alanine30-L-tyrosine (GAT). Pierce CW, et al. **J Immunol** 1984 Dec;133(6):2874-81

Decreased graft-versus-host reaction and T cell cytolytic potential of beige mice. Halle-Pannenko O, et al. **Transplantation** 1985 Jan;39(1):85-7

[Glucocorticoid hormones and the immune response of CBA and C57BL strains of mice of different ages] Gushchin GV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):698-700 (Eng. Abstr.) **(Rus)**

[Nature of the cells regulating the production of a migration inhibition factor in C57BL/6 strain mice with low response to Candida albicans antigen] Vorob'ev KV, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):601-2 (Eng. Abstr.) **(Rus)**

[Cell motility in a system of mononuclear phagocytes from different strains of mice in the presence of bacteria and their components] Taranov VA. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):57-60 (Eng. Abstr.) **(Rus)**

METABOLISM

Subcellular distribution of carbonic anhydrase and Na+, K+- and HCO3--ATPases in brains of DBA and C57 mice. Engstrom FL, et al. **Epilepsia** 1984 Dec;25(6):759-64

The fate of corticosterone and 11-deoxycorticosterone in C57BL/6 and BALB/c strains of mice: distribution and oxidative metabolism. Marandici A, et al. **J Steroid Biochem** 1984 Nov;21(5):579-83

[Comparative evaluation of the biogenic amine level of the brain and the ethanol kinetics in the blood of inbred C57B1/6 and CBA mice] Khodorova NA, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):284-5 (Eng. Abstr.) **(Rus)**

[Comparison of the oxygen absorption processes during phagocytosis by polymorphonuclear leukocytes from conventional and specific-pathogen-free C57BL/6 strain mice] Larina LL, et al. **Biull Eksp Biol Med** 1985 Jul; 100(7):53-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Effect of androgen on the expression of the sex difference in susceptibility to infection with Strongyloides ratti in C57BL/6 mice. Kiyota M, et al. **Aust J Exp Biol Med Sci** 1984 Oct;62 (Pt 5):607-18

The effect of age on the control of water conservation in the laboratory mouse--metabolic studies. Davies I, et al. **Exp Gerontol** 1985;20(1):53-66

Lymphocyte aging in allophenic mice. Warner CM, et al. **Exp Gerontol** 1985;20(1):35-45

Fever and survival in aged mice after endotoxin challenge. Hoffman-Goetz L, et al. **J Gerontol** 1985 Jan;40(1):15-22

A longitudinal study of tolerance to cold stress among C57BL/6J mice. Talan MI, et al. **J Gerontol** 1985 Jan; 40(1):8-14

Effects of AET, MEA, or 5-HT treatment before X-irradiation of pregnant C57BL mice. Mazur L. **Strahlentherapie** 1985 Jul;161(7):433-6

Acetazolamide teratogenesis: interaction of maternal metabolic and respiratory acidosis in the induction of ectrodactyly in C57BL/6J mice. Weaver TE, et al. **Teratology** 1984 Oct;30(2):195-202

Acetazolamide teratogenesis: association of maternal respiratory acidosis and ectrodactyly in C57BL/6J mice. Weaver TE, et al. **Teratology** 1984 Oct;30(2):187-93

A schematic eye for the mouse, and comparisons with the rat. Remtulla S, et al. **Vision Res** 1985;25(1):21-31

ULTRASTRUCTURE

The retinal pigment epithelium of wild type (C57BL/6J +/+) and pearl mutant (C57BL/6J pe/pe) mice. Williams MA, et al. **Invest Ophthalmol Vis Sci** 1985 May; 26(5):657-69

MICE, INBRED CBA

EMBRYOLOGY

[Development and survival of mouse embryos in intra- and interstrain transplants] Titok TG, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):433-7 (Eng. Abstr.) **(Rus)**

GENETICS

Subline divergence within L.C. Strong's C3H and CBA inbred mouse strains. A review. Whitmore AC, et al. **Immunogenetics** 1985;21(5):407-28 (106 ref.)

[Genetic effect of chronic gamma radiation exposure in male mice] Pomerantseva MD, et al. **Genetika (Moskva)** 1985 Feb;21(2):245-51 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

T-cell responsiveness in Mycobacterium lepraemurium infections in a 'resistant' (CBA) and a 'susceptible' (BALB/c) mouse strain. Brett SJ. **Cell Immunol** 1984 Nov; 89(1):132-43

Physiology of B cells in mice with X-linked immunodeficiency. I. Size, migratory properties, and turnover of the B cell pool. Sprent J, et al. **J Immunol** 1985 Mar;134(3):1442-8

The suitability of immunosuppressed mice kept in a standard animal unit as recipients of human tumour xenografts. Hay JH, et al. **Lab Anim** 1985 Apr;19(2):119-22

Immunological investigations in inbred mice chronically infected with cytopathogenic agents isolated from human cases of Balkan endemic nephropathy. Voiculescu C, et al. **Virologie** 1985 Apr-Jun;36(2):119-28

[Glucocorticoid hormones and the immune response of CBA and C57BL strains of mice of different ages] Gushchin GV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):698-700 (Eng. Abstr.) **(Rus)**

[Cell motility in a system of mononuclear phagocytes from different strains of mice in the presence of bacteria and their components] Taranov VA. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Feb;(2):57-60 (Eng. Abstr.) **(Rus)**

METABOLISM

[Comparative evaluation of the biogenic amine level of the brain and the ethanol kinetics in the blood of inbred C57B1/6 and CBA mice] Khodorova NA, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):284-5 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Number of dopamine neurons predicts prolactin levels in two inbred mouse strains. Sved AF, et al. **Experientia** 1985 May 15;41(5):644-6

[Modifying action of neonatal androgenization on 1,2-dimethylhydrazine-induced carcinogenesis in male CBA-strain mice] Smirnova IO, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):187-9 (Eng. Abstr.) **(Rus)**

SURGERY

Procedure for intrapleural implantation in mice by thoracotomy. Bohanon MJ, et al. **Lab Anim Sci** 1984 Dec; 34(6):621-3

MICE, INBRED DBA

Spontaneous calcified tongue lesions in DBA mice. Matsushima Y, et al. **Jikken Dobutsu** 1984 Oct;33(4):539-42

Distribution and incidence of calcified lesions in DBA/2NCrj and BALB/cAnNCrj mice. Doi K, et al. **Nippon Juigaku Zasshi** 1985 Jun;47(3):479-82

GENETICS

Frequency difference limens of C57BL/6 and DBA/2 mice: relationship to auditory neuronal response properties and hearing impairment. Kulig J, et al. **Hear Res** 1984 Nov; 16(2):169-74

The acoustic startle response in DBA/2 and C57BL/6 mice: relationship to auditory neuronal response properties and hearing impairment. Willott JF, et al. **Hear Res** 1984 Nov; 16(2):161-7

Dilute-coat-color locus of mice: nucleotide sequence analysis of the d+2J and d+Ha revertant alleles. Hutchison KW, et al. **Mol Cell Biol** 1984 Dec;4(12):2899-904

METABOLISM

Subcellular distribution of carbonic anhydrase and Na+, K+- and HCO3--ATPases in brains of DBA and C57 mice. Engstrom FL, et al. **Epilepsia** 1984 Dec;25(6):759-64

Low rate of NADPH/ADP-iron dependent lipid peroxidation in hepatic microsomes of DBA/2 mice. Cheeseman KH, et al. **FEBS Lett** 1985 May 20;184(2):343-6

MICROBIOLOGY

Spontaneous expression of C-type virus in DBA/2 mice is associated with an increased rate of mortality, independent of neoplastic disease. Ulrich K, et al. **J Virol** 1985 Jan; 53(1):273-8

MICE, INBRED ICR

Two cases of murine intestinal emphysema. Takahashi K, et al. **Nippon Juigaku Zasshi** 1984 Dec;46(6):933-6

[An outbreak of staphylococcal dermatitis in laboratory mice] Tamura H, et al. **Jikken Dobutsu** 1985 Apr;34(2):147-54 (Eng. Abstr.) **(Jpn)**

EMBRYOLOGY

The common developmental origin and phylogenetic aspects of teeth, rugae palatinae, and fornix vestibuli oris in the mouse. Peterková R. **J Craniofac Genet Dev Biol** 1985; 5(1):89-104

Spontaneous and retinoic acid-induced postaxial polydactyly in mice. Cusic AM, et al. **Teratology** 1985 Feb;31(1):49-59

GROWTH & DEVELOPMENT

Ontogenesis of gastrin cells in the pyloric antrum and duodenum of the mouse. Kataoka K, et al. **Cell Tissue Res** 1985;239(3):531-5

IMMUNOLOGY

Species specificity of nonimmunologic contact urticaria: guinea pig, rat, and mouse. Lahti A, et al. **J Am Acad Dermatol** 1985 Jul;13(1):66-9

MICROBIOLOGY

[Biological properties, phage typing and antimicrobial susceptibility of Staphylococcus aureus isolated from dermatitis in laboratory mice] Shimizu A, et al. **Jikken Dobutsu** 1985 Apr;34(2):155-63 (Eng. Abstr.) **(Jpn)**

MICE, INBRED NZB

ANATOMY & HISTOLOGY

Mononuclear-cell pulmonary vasculitis in NZB/W mice. I. Histopathologic evaluation of spontaneously occurring pulmonary infiltrates. Staszak C, et al. **Am J Pathol** 1985 Jul;120(1):99-105

BLOOD

Erythrocyte deformability changes in autoimmune hemolytic anemia during development of NZB mice and their (NZB/NZW)F1 hybrid. Ballas SK, et al. **J Clin Lab Immunol** 1985 Apr;16(4):217-22

GENETICS

Ibuprofen may induce meningitis in (NZB X NZW)F1 mice. Berliner S, et al. **Arthritis Rheum** 1985 Jan;28(1):104-7

[Chromosome aberrations in F1 (NZBxNZW) mice--an experimental model of systemic lupus erythematosus] Skazkina OIa, et al. **Tsitol Genet** 1984 Nov-Dec;18(6):458-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Cytokine production by NZB, C58, and NZB X C58 recombinant inbred mice. Bocchieri MH, et al. **Cell Immunol** 1984 Oct 15;88(2):453-63

Early expression in (NZB X DBA/2)F1 hybrids of thymus dysfunction and abnormal antibody production inherited from the NZB parent. Quere P, et al. **Eur J Immunol** 1985 Feb;15(2):112-7

The presence of cytotoxic autoantibody to lacrimal gland cells in NZB/W mice. Ohashi Y, et al. **Invest Ophthalmol Vis Sci** 1985 Feb;26(2):214-9

Characterization of monoclonal anti-fluorescein antibodies from autoimmune New Zealand mice. Ballard DW, et al. **J Immunol** 1985 Jul;135(1):433-9

Tissue localization and biochemical characteristics of a new thymic antigen recognized by a monoclonal thymocytotoxic autoantibody from New Zealand black mice. Bray KR, et al. **J Immunol** 1985 Jun;134(6):4001-8

Modulation of autoimmunity in NZB mice by cyclophosphamide-induced, nonspecific suppressor cells. Greeley EH, et al. **J Immunol** 1985 Feb;134(2):847-51

Humoral factors in very young NZB mice that enhance the maturation of normal B cell precursors. Partial purification and characterization. Jyonouchi H, et al. **J Immunol** 1985 Sep;135(3):1891-9

Two defects in old New Zealand Black mice are involved in the loss of low-dose paralysis to type III pneumococcal polysaccharide. McCoy KL, et al. **J Immunol** 1985 Oct; 135(4):2438-42

Enlargement of Lyt-2-positive T cells is associated with functional impairment and autoimmune hemolytic anemia in New Zealand Black mice. McCoy KL, et al. **J Immunol** 1985 Oct;135(4):2432-7

Ly-2+ T cell enlargement and null cell proliferation occur at the onset of splenomegaly and autoantibody production in New Zealand Black mice. Manohar V, et al. **J Immunol** 1984 Dec;133(6):3020-5

In vitro regulation of the pathogenic autoantibody response of New Zealand black mice. I. Loss with age of suppressive activity in T cell populations. Moore JS, et al. **J Immunol** 1985 Jun;134(6):3838-44

Selective improvement of thymus and some T cell dysfunctions in NZB mice by in utero thymulin treatment. Quéré P, et al. **J Immunol** 1985 Aug;135(2):1180-5

Developmental abnormalities of terminal deoxynucleotidyl transferase positive bone marrow cells and thymocytes in New Zealand mice: effects of prostaglandin E1. Whittum J, et al. **J Immunol** 1985 Jul;135(1):272-80

METABOLISM

Analysis of lymphocyte proteins from New Zealand black mice by two-dimensional gel electrophoresis. Lal RB, et al. **J Immunol** 1985 Apr;134(4):2350-6

[The microsomal oxidative system of NZB and NZW strain mice] Tikhomirov Av, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):87-90 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Intravenous glucose tolerance tests in the New Zealand strains of mice. Upton JD. **Horm Metab Res** 1984 Jun; 16(6):290-2

Superoxide dismutase isoenzymes in tissues and plasma from New Zealand black mice, nude mice and normal BALB/c mice. Marklund SL. **Mutat Res** 1985 Jan-Feb; 148(1-2):129-34

MICE, INBRED STRAINS

The usability of the MRL/1 mouse strain in detection of anti-rheumatic drugs. Toivonen ML, et al. **Agents Actions** 1984 Dec;15(5-6):578-83

Standardized Nomenclature for Inbred Strains of Mice: eighth listing. Staats J. **Cancer Res** 1985 Mar;45(3):945-77

Ocular inflammation in autoimmune MRL/Mp mice. Jabs DA, et al. **Invest Ophthalmol Vis Sci** 1985 Sep;26(9):1223-9

Herpetic keratitis in inbred mice. Metcalf JF, et al. **Invest Ophthalmol Vis Sci** 1984 Oct;25(10):1222-5

Horizontal transmission of the mouse mammary tumor virus in cage mates of the same and opposite sex of low and high mammary cancer strain mice. Morimoto J, et al. **Jikken Dobutsu** 1985 Apr;34(2):141-6

Clinical and pathogenic studies on aged polyuria in the IVCS strain of mouse. Ohba K, et al. **Jikken Dobutsu** 1985 Apr; 34(2):123-30

Non-neoplastic lesions of female virgin Han:NMRI mice, incidence and influence of food restriction throughout life span. I: Thyroid. Rehm S, et al. **Lab Anim** 1985 Jul; 19(3):214-23

Non-neoplastic lesions of female virgin Han:NMRI mice, incidence and influence of food restriction throughout life span. II: Respiratory tract. Rehm S, et al. **Lab Anim** 1985 Jul;19(3):224-35

Breeding and offspring rearing ability of C57BL/6J dystrophic mice. Younger LE, et al. **Lab Anim Sci** 1984 Oct;34(5):471-4

Spontaneous vascular mineralization in the brain of aged B6C3F1 mice. Yanai T, et al. **Nippon Juigaku Zasshi** 1984 Oct;46(5):761-5

Polyarthritis in MRL 1pr/1pr mice. Pataki A, et al. **Rheumatol Int** 1985;5(3):113-20

Spontaneous and urethan-induced tumor incidence in B6C3F1 versus B6CF1 mice. Dragani TA, et al. **Tumori** 1984 Dec 31;70(6):485-90

Experimental Treponema hyodysenteriae infection of mice. Suenaga I, et al. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Aug;257(3):348-56

[Experimental tuberculosis in mice] Someya S. **Nippon Saikingaku Zasshi** 1984 Jul;39(4):745-8 **(Jpn)**

ANATOMY & HISTOLOGY

Variation in pattern of mystacial vibrissae in mice. A quantitative study of ICR stock and several inbred strains. Van der Loos H, et al. **J Hered** 1984 Sep-Oct;75(5):326-36

Changes of bone marrow cell and peripheral blood cell counts in newborn mice. Matsumoto K. **Jikken Dobutsu** 1984 Jul;33(3):339-44

BLOOD

Determination of blood volume in the mouse with 51chromium-labelled erythrocytes. Sluiter W, et al. **J Immunol Methods** 1984 Oct 12;73(1):221-5

Composition of cholesterol esters in blood plasma of mouse, rat and rabbit. Akahori A, et al. **Jikken Dobutsu** 1985 Jan; 34(1):77-80

Atropine esterase status of laboratory mice. Fox RR, et al. **Lab Anim Sci** 1984 Aug;34(4):381-2

A new erythrocytic antigen of C57BL/10 (B10) mice. Walker MC, et al. **Proc Soc Exp Biol Med** 1985 Mar;178(3):402-6

EMBRYOLOGY

Scanning electron microscope study of tongue development in the CD-1 mouse fetus. Paulson RB, et al. **J Craniofac Genet Dev Biol** 1985;5(1):59-73

Strain differences between C57BL/6 and SWV mice in time of palate closure and induction of palatal slit and cleft palate. Kusanagi T. **Teratology** 1985 Apr;31(2):279-83

GENETICS

Ethanol's behavioral effects may be partly due to increases in brain prostaglandin production. George FR, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):143-6

Mitochondrial reorganization during resumption of arrested meiosis in the mouse oocyte. Van Blerkom J, et al. **Am J Anat** 1984 Nov;171(3):335-55

Developmental studies of mouse hereditary anemias. Russell ES. **Am J Med Genet** 1984 Aug;18(4):621-41 (94 ref.)

Gene markers for alcohol-metabolizing enzymes among recombinant inbred strains of mice with differential behavioural responses towards alcohol. Holmes RS, et al. **Anim Blood Groups Biochem Genet** 1985;16(1):51-9

Hereditary joint disorder in progressive ankylosis (ank/ank) mice. I. Association of calcium hydroxyapatite deposition with inflammatory arthropathy. Hakim FT, et al. **Arthritis Rheum** 1984 Dec;27(12):1411-20

Residual latency (delay at the neuromuscular junction): normative values and heritability in mice. Reed TE. **Behav Genet** 1984 May;14(3):209-19

Inheritance of water-escape performance and water-escape learning in mice. Schröder JH, et al. **Behav Genet** 1984 May;14(3):221-33

Genetic variability of proteins from mitochondria and mitochondrial fractions of mouse organs. Jungblut P, et al. **Biochem Genet** 1985 Apr;23(3-4):227-45

Dextran sulfate-induced peritoneal lysophospholipase activity varies among mouse strains. Laubach HE. **Biochem Genet** 1985 Jun;23(5-6):357-62

Biochemical genetics of aldehyde dehydrogenase isozymes in the mouse: evidence for stomach- and testis-specific isozymes. Mather PB, et al. **Biochem Genet** 1984 Dec; 22(11-12):981-95

Tissue-specific developmental regulation of superoxide dismutase (SOD-1 and SOD-2) activities in genetic strains of mice. Schisler NJ, et al. **Biochem Genet** 1985 Apr; 23(3-4):291-308

Esterase-26 (ES-26): characterization and genetic location on chromosome 3 of an eserine-sensitive esterase of the house mouse (Mus musculus). von Deimling OH, et al. **Biochem Genet** 1984 Dec;22(11-12):1119-26

Esterase-23 (ES-23): characterization of a new carboxylesterase isozyme (EC 3.1.1.1) of the house mouse, genetically linked to ES-2 on chromosome 8. von Deimling OH. **Biochem Genet** 1984 Oct;22(9-10):769-82

Genetic considerations in the effects of ethanol in mice. I. Genotype-dependent alterations in alcohol dehydrogenase activity. Wang CH, et al. **Can J Genet Cytol** 1985 Apr; 27(2):158-64

Effect of the BXSB Y chromosome accelerating gene on autoantibody production. Steinberg RT, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):67-72

The role of natural resistance in protection of the murine host from listeriosis. Kongshavn PA, et al. **Clin Invest Med** 1984;7(4):253-7 (26 ref.)

The inheritance of skeletal muscle fibre composition in mice. Nimmo MA, et al. **Comp Biochem Physiol [A]** 1985; 81(1):109-15

Identification and development of a genetically closely-linked carboxylesterase family of the mouse liver. Berning W, et al. **Comp Biochem Physiol [B]** 1985; 80(4):859-65

Genetic factors involved in murine resistance to experimental brucellosis. Cannat A, et al. **Dev Biol Stand** 1984;56:307-13

Inbred and wild mice carry identical deletions in their E alpha MHC genes. Dembič Z, et al. **EMBO J** 1985 Jan; 4(1):127-31

Genetic regulation of hepatic steroid 16 alpha-hydroxylase activities in inbred strains of mice. Pasleau F, et al. **Endocrinology** 1984 Oct;115(4):1371-9

The effect of female strain on identification of male mice carrying reciprocal translocations. Sheu CW, et al. **Environ Mutagen** 1984;6(6):771-9

Maintenance of hemopoiesis in long-term bone marrow cultures from Sl/Sld and W/Wv mice. Keller GM, et al. **Exp Hematol** 1984 Dec;12(11):822-4

Poor response of Wv/Wx mice to a grafted neutrophilia-inducing, colony-stimulating-factor-producing tumor. Sonoda T, et al. **Exp Hematol** 1984 Dec;12(11):850-5

Genetic differences between inbred strains of mice; a new source of variation in high-sulphur keratins. Barnett LK, et al. **Experientia** 1985 May 15;41(5):677-80

The genetics of tasting in mice. III. Quinine. Lush IE. **Genet Res** 1984 Oct;44(2):151-60

Recombination between the t6 complex and linked loci in the house mouse. Nadeau JH, et al. **Genet Res** 1985 Jun; 45(3):251-64

Genetic differences between two substrains of the inbred 101 mouse strain. West JD, et al. **Genet Res** 1984 Dec; 44(3):343-6

A new allele of the Gpi-1t temporal gene that regulates the expression of glucose phosphate isomerase in mouse oocytes. West JD, et al. **Genet Res** 1984 Oct;44(2):169-81

Maternal effects on blood pressure and survivability in inbred Dahl salt-sensitive rats. Dene H, et al. **Hypertension** 1985 Sep-Oct;7(5):767-74

How polymorphic are class II loci of the mouse H-2 complex? Bukara M, et al. **Immunogenetics** 1985; 21(6):569-79

Genetic polymorphism of the sixth component of complement (C6) in mice. Hayakawa JI, et al. **Immunogenetics** 1984;20(6):633-8

B10.RIII(71NS)SnA congenic line apparently retains an RIII derived allele at Ly-6 locus. Ivanyi D, et al. **Immunogenetics** 1984;20(6):705-6

Analysis of factor B in European mouse strains; a polymorphism not due to variation of carbohydrate content. Roos MH. **Immunogenetics** 1984;20(4):471-4

Genetic variation in prenatal survival and litter size. Bradford GE. **J Anim Sci** 1979;49 Suppl 2:66-74 (19 ref.)

Effects of concurrent lactation and postpartum mating on reproductive performance in mice selected for large litter size. Eisen EJ, et al. **J Anim Sci** 1984 Nov;59(5):1224-38

Genes that affect the shape of the murine mandible. Congenic strain analysis. Bailey DW. **J Hered** 1985 Mar-Apr; 76(2):107-14

Studies of consomic mice bearing the Y chromosome of the BXSB mouse. Hudgins CC, et al. **J Immunol** 1985 Jun; 134(6):3849-54

Genetic control of the natural killer cell activity in SJL and other strains of mice. Kaminsky SG, et al. **J Immunol** 1985 Jul;135(1):665-71

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument. Poland A, et al. **J Invest Dermatol** 1984 Dec;83(6):454-9

Inhibition of influenza viral mRNA synthesis in cells expressing the interferon-induced Mx gene product. Krug RM, et al. **J Virol** 1985 Oct;56(1):201-6

Strain and sex differences in N-nitrosohexamethyleneimine carcinogenesis in NZB, NZC, NZO, and NZY mice. Goodall CM, et al. **JNCI** 1984 Nov;73(5):1215-8

A recessive mutation (ter) causing germ cell deficiency and a high incidence of congenital testicular teratomas in 129/Sv-ter mice. Noguchi T, et al. **JNCI** 1985 Aug; 75(2):385-92

Genetic control of delayed-type hypersensitivity to mouse hepatitis virus in mice. Kyuwa S, et al. **Jpn J Exp Med** 1984 Oct;54(5):217-9

Defective macrophage function in wound repair of P/J mice. Kenyon AJ, et al. **Lab Anim Sci** 1985 Apr;35(2):150-2

Genetic influences on the central nervous system depressant and membrane-disordering actions of ethanol and sodium valproate. Perlman BJ, et al. **Mol Pharmacol** 1984 Nov; 26(3):547-52

Role of paternal and maternal genomes in mouse development. Barton SC, et al. **Nature** 1984 Sep 27-Oct 3;311(5984):374-6

Mitochondrial modulation of maternally transmitted antigen: analysis of cell hybrids. Huston MM, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3286-90

The use of flexible film isolators in the production of genetically and microbiologically defined rats and mice. Peters AG. **Prog Clin Biol Res** 1985;181:39-42

Strain differences in open field activity after learning in mice. Kvist B. **Scand J Psychol** 1984;25(4):370-80

Evolution in inbred strains of mice appears rapid. Fitch WM, et al. **Science** 1985 Jun 7;228(4704):1169-75

Why do inbred mice evolve so quickly? [news] Lewin R. **Science** 1985 Jun 7;228(4704):1187

Hemopoiesis in mouse heterozygous for the W trait. Difference in postirradiation recovery related to the defect in formation of transient endogenous spleen colonies. Wiktor-Jedrzejczak W, et al. **Strahlentherapie** 1985 Jul; 161(7):437-41

Differential gene expression in autoimmune mice. Mountz JD, et al. **Surv Immunol Res** 1985;4(1):48-64 (67 ref.)

A comparison of the survival (LD50/30) of a number of inbred mouse strains after X and cobalt-60 gamma irradiation. Vácha J, et al. **Z Versuchstierkd** 1984; 26(4):157-62

[Therapy of systemic lupus erythematosus--studies using disease models. 1. The effect of MHC on lupus nephritis in (NZB x NZW)F1--a therapeutic suggestion] Sato H, et al. **Nippon Rinsho** 1984 Dec;42(12):2791-5 **(Jpn)**

[Modification of the genetic effect of N-nitrosoethylurea in inbred mice by para-aminobenzoic acid] Malashenko AM, et al. **Genetika** 1985 Apr;21(4):582-5 (Eng. Abstr.) **(Rus)**

[Recombinant haplotype H-2 in mice of the congenic resistant strain B10.D1(R108)/Y] Blandova ZK, et al. **Genetika (Moskva)** 1984 Sep;20(9):1484-8 (Eng. Abstr.) **(Rus)**

[Choice of mouse lines for the testing of chemical mutagens] Malashenko AM, et al. **Genetika (Moskva)** 1984 Aug; 20(8):1289-94 (Eng. Abstr.) **(Rus)**

[Genome mutation frequency in the cells of spleen colonies of different origins in NIH mice] Kuz'mina LV, et al. **Tsitologiia** 1984 Dec;26(12):1416-20 (Eng. Abstr.) **(Rus)**

GROWTH & DEVELOPMENT

Selection for different growth parameters in laboratory mice and its correlated effects on body composition and organ weights. Bünger L, et al. **Nahrung** 1985;29(6):549-60

IMMUNOLOGY

Correlations between the titres of natural and immune antibodies to sheep erythrocytes in inbred mouse strains. Andó I, et al. **Acta Vet Hung** 1984;32(3-4):131-4

Natural resistance to mycobacteria: antimicrobial activity and reactive oxygen intermediate releasing functions of murine macrophages. Stach JL, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):25-37

Self-associating IgG rheumatoid factors in MRL/l autoimmune mice. Nardella FA, et al. **Arthritis Rheum** 1984 Oct;27(10):1165-73

Effect of cyclophosphamide on Friend virus leukemogenesis in virus-sensitive and virus-resistant mice. Raikow RB, et al. **Cancer Res** 1985 Feb;45(2):555-7

Cytokine production by NZB, C58, and NZB X C58 recombinant inbred mice. Bocchieri MH, et al. **Cell Immunol** 1984 Oct 15;88(2):453-63

Cytokinetics of mononuclear phagocyte response to listeriosis in genetically-determined sensitive and resistant murine hosts. Punjabi CJ, et al. **Clin Invest Med** 1984;7(3):165-72

Comparison of suppressor cells obtained from tumor-allosensitized adult and untreated neonatal mice. Argyris BF. **Dev Comp Immunol** 1985 Winter;9(1):131-40

Lambda light chain constant and variable gene complements in wild-derived inbred mouse strains. Kindt TJ, et al. **Eur J Immunol** 1985 Jun;15(6):535-40

Selective and polyclonal induction of high levels of lambda light chain-bearing immunoglobulins in BALB/c and SJL mice. Primi D, et al. **Eur J Immunol** 1984 Dec; 14(12):1159-62

Effect of rabbit antimouse brain serum on marrow cells capable of curing W/Wv mice. Saxe DF, et al. **Exp Hematol** 1985 Jul;13(6):581-5

Lack of Fc receptor for IgE in SJA9 mice. Adachi M, et al. **Immunogenetics** 1985;22(1):77-83

Basal immunoglobulin serum concentration and isotype distribution in relation to the polygenic control of antibody responsiveness in mice. Sant'Anna OA, et al. **Immunogenetics** 1985;22(2):131-9

Genetic control of mitogen-induced B-cell hyperproliferation in SM/J mice. Stone R, et al. **Immunogenetics** 1985;22(1):69-75

A new lymphocyte surface antigen (Ly-m31) controlled by a gene closely linked to the Akp-2 locus on mouse chromosome 4. Tada N, et al. **Immunogenetics** 1984; 20(5):589-92

Murine malaria: resistance of AXB/BXA recombinant inbred mice to Plasmodium chabaudi. Stevenson MM, et al. **Infect Immun** 1985 Feb;47(2):452-6

Single locus in BXH-2 mice responsible for inability to control early proliferation of Trypanosoma cruzi. Trischmann TM. **Infect Immun** 1984 Dec;46(3):658-62

Influence of non-H-2 genes on the in vivo response to penicillin-treated autologous platelets. Claas FH, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):319-26

Strain dependence of muramyl dipeptide-induced LAF(IL 1) release by murine-adherent peritoneal cells. Abehsira-Amar O, et al. **J Immunol** 1985 Jan;134(1):365-8

Interaction of monoclonal antibodies with MHC class I antigens on mouse spleen cells. II. Levels of expression of H-2K, H-2D, and H-2L in different mouse strains. Dower SK, et al. **J Immunol** 1985 Jan;134(1):431-5

Subsets of Lyt-2+ cells defined by differential expression of the 9F3 antigen: alterations in mice of the lpr/lpr genotype. Dumont FJ, et al. **J Immunol** 1985 Jan; 134(1):196-203

Methods for the production of xenogeneic monoclonal antibodies in murine ascites. Weissman D, et al. **J Immunol** 1985 Aug;135(2):1001-3

Different genes control the susceptibility of mice to Moloney or Abelson murine leukemia viruses. Risser R, et al. **J Virol** 1985 Sep;55(3):547-53

Susceptibility to acute Trypanosoma cruzi infection in autoimmune strains of mice. Nickell SP, et al. **Parasite Immunol** 1985 Jul;7(4):377-86

Skin graft rejection caused by the maternally transmitted antigen Mta. Chan T, et al. **Transplantation** 1985 May; 39(5):477-80

[Amplification of the high production and low production nature of antibodies produced by the genetic selection of mice. Correlation between immunodeficiency and the incidence of lymphoma] Biozzi G, et al. **C R Acad Sci [III]** 1984;299(19):753-8 (Eng. Abstr.) **(Fre)**

[Susceptibility of mice to Sendai virus infection] Iwai H. **Jikken Dobutsu** 1984 Jul;33(3):275-82 (63 ref.) **(Jpn)**

[Sensitivity of the splenic immunocompetent cells of mice with different genotypes to the action of alkylating agents] Pevnitskiĭ LA, et al. **Biull Eksp Biol Med** 1985 Aug; 100(8):213-5 (Eng. Abstr.) **(Rus)**

[Persistence of Rickettsia prowazekii in B mice and cotton B rats] Kokorin IN, et al. **Vestn Akad Med Nauk SSSR** 1985;(3):44-7 (Eng. Abstr.) **(Rus)**

[Immune response and the formation of immunologic memory to Staphylococcus in mice of different genotypes] Bobrovnik SA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Jun;(6):64-8 (Eng. Abstr.) **(Rus)**

[Comparative study of the phagocytosis of sheep erythrocytes by the macrophages of inbred mice differing in their sensitivity to immunogenic stimulation by the given antigen] Matienko NA, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):35-9 (Eng. Abstr.) **(Rus)**

METABOLISM

Altered bile acid metabolism in nonobese, spontaneously diabetic (NOD) mice. Uchida K, et al. **Diabetes** 1985 Jan; 34(1):79-83

Maximal testosterone production in Leydig cells from inbred mice relates to the activity of 3 beta-hydroxysteroid dehydrogenase-isomerase. Stalvey JR, et al. **Endocrinology** 1984 Oct;115(4):1500-5

Low rate of NADPH/ADP-iron dependent lipid peroxidation in hepatic microsomes of DBA/2 mice. Cheeseman KH, et al. **FEBS Lett** 1985 May 20;184(2):343-6

Cytochemical studies of acid phosphatase, adenosine triphosphatase and lactic dehydrogenase activity in thioacetamide-induced hepatoma. Amin AM, et al. **Folia Morphol (Praha)** 1984;32(3):307-12

Alteration of amino acid metabolism in epileptogenic mice by elevation of brain pyridoxal phosphate. Norris DK, et al. **J Neurochem** 1985 May;44(5):1403-10

Oxygen consumption in mice (I strain) after feeding. Hoover-Plow J, et al. **J Nutr** 1985 Mar;115(3):303-10

Relationship of membrane physical properties to alcohol dependence in mice selected for genetic differences in alcohol withdrawal. Harris RA, et al. **Life Sci** 1984 Dec 24;35(26):2601-8

Teratogenicity of 2,3,7,8-tetrachlorodibenzofuran in BXD recombinant inbred strains. Hassoun E, et al. **Toxicol Lett** 1984 Oct;23(1):37-42

[Biological study of spontaneous amyloidosis in PS mice] Koeger AC, et al. **Pathol Biol (Paris)** 1984 Nov; 32(9):959-64 (Eng. Abstr.) **(Fre)**

[Changes in the cytochrome P-450 content of the liver of congenic resistant mouse strains during chronic alcoholization] Shoshina SV, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):685-7 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Assessment of mouse strain on bacterial translocation from the gastrointestinal tract. Maejima K, et al. **Jikken Dobutsu** 1984 Jul;33(3):345-9

Characteristic faecal flora of NC mice. Itoh K, et al. **Lab Anim** 1985 Jan;19(1):7-15

Intracisternal A-particle gene expression in normal mouse thymus tissue: gene products and strain-related variability. Kuff EL, et al. **Mol Cell Biol** 1985 Mar;5(3):474-83

Selective elimination of Enterobacteriaceae species from the digestive tract in mice and rats. Koopman JP, et al. **Z Versuchstierkd** 1984;26(5):197-204

[Persistence of Mycoplasma arthritidis in the body of mice of different strains] Rakovskaia IV, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct;(10):75-8 (Eng. Abstr.) **(Rus)**

PARASITOLOGY

[Mouse strain difference in visceral larva migrans of Toxocara canis] Koizumi T, et al. **Jikken Dobutsu** 1984 Jul;33(3):291-5 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Effect of stilboestrol dipropionate on the rate of spermatogenesis in KP and C57 mice and in their hybrids. Godowicz B, et al. **Folia Biol (Krakow)** 1984;32(1-2):63-70

Somatic and germ cell chimerism in chimeric mice between strains of high litter size and regular litter size. Watanabe T. **J Exp Zool** 1985 May;234(2):283-8

Method to select mice in the steady state for biological studies. Sluiter W, et al. **J Immunol Methods** 1985 Jan 21; 76(1):135-43

Agenesis of the corpus callosum in ddN strain mouse associated with unusual facial appearance (flat-face). Ozaki HS, et al. **Neurosci Res** 1984 Feb;1(1):81-7

The chemosensory recognition of genetic individuality. Beauchamp GK, et al. **Sci Am** 1985 Jul;253(1):86-92

Long-term reproduction in mouse populations of different origin. Nagai J, et al. **Z Versuchstierkd** 1985;27(1):39-47

[Effect of cold on the brain serotonin system and the corticosteroid level of the blood in different strains of mice] Koriakina LA, et al. **Fiziol Zh SSSR** 1985 Apr;71(4):422-7 (Eng. Abstr.) **(Rus)**

MICE, JIMPY see under **MICE, NEUROLOGIC MUTANTS**

MICE, LABORATORY see **MICE**

MICE, MUTANT STRAINS

Situs inversus in homozygous mice without immotile cilia. Handel MA, et al. **J Hered** 1984 Nov-Dec;75(6):498

BLOOD

Low plasma renin activity in lupus-prone mice: a metabolic abnormality in MRL/Mp-lpr/lpr mice? [letter] Rudofsky UH, et al. **Arthritis Rheum** 1985 May;28(5):599-600

Anemia and potassium permeability of red blood cells in analbuminemic rats. Sugiyama K, et al. **Jikken Dobutsu** 1984 Jul;33(3):307-18

EMBRYOLOGY

Embryonic development of the mouse mutant pupoid foetus (pf/pf). Anderson S, et al. **Anat Embryol (Berl)** 1985; 172(1):115-22

Thyroxine-induced differential mortality of cleft lip mouse embryos: dose- and time-response studies of the A/WySn strain. Juriloff DM, et al. **Teratology** 1985 Jun;31(3):319-29

GENETICS

Motheaten mice--an animal model with an inherited form of interstitial lung disease. Rossi GA, et al. **Am Rev Respir Dis** 1985 Jan;131(1):150-8

A new pyruvate kinase mutation with hyperactivity in the mouse. Charles DJ, et al. **Biochem Genet** 1984 Dec; 22(11-12):1103-17

Disease expression in +-/+- ----mdg/mdg mouse chimeras: evidence for an extramuscular component in the pathogenesis of both dysgenic abnormal diaphragm innervation and skeletal muscle 16 S acetylcholinesterase deficiency. Rieger F, et al. **Dev Biol** 1984 Dec; 106(2):296-306

A review of mouse mutants as genetic models of epilepsy. Seyfried TN, et al. **Epilepsia** 1985 Mar-Apr;26(2):143-50

Effects of the motheaten gene on murine B-cell production. McCoy KL, et al. **Exp Hematol** 1985 Jul;13(6):554-9

Evidence for a major gene for rapid postweaning growth in mice. Bradford GE, et al. **Genet Res** 1984 Dec; 44(3):293-308

The angora locus (go) in the mouse: hair morphology, duration of growth cycle and site of action. Pennycuik PR, et al. **Genet Res** 1984 Dec;44(3):283-91

Characterization of a recombinant mouse T haplotype that expresses a dominant lethal maternal effect. Winking H, et al. **Genetics** 1984 Dec;108(4):1013-20

Proliferation and differentiation in culture of mast cell progenitors derived from mast cell-deficient mice of genotype W/Wv. Suda T, et al. **J Cell Physiol** 1985 Feb; 122(2):187-92

Genetic and developmental studies of a new mouse mutation that produces otocephaly. Juriloff DM, et al. **J Craniofac Genet Dev Biol** 1985;5(2):121-45

Association of megacolon with a new dominant spotting gene (Dom) in the mouse. Lane PW, et al. **J Hered** 1984 Nov-Dec;75(6):435-9

Anorexia, a recessive mutation causing starvation in preweanling mice. Maltais LJ, et al. **J Hered** 1984 Nov-Dec;75(6):468-72

Osteosclerosis, a recessive skeletal mutation on chromosome 19 in the mouse. Marks SC Jr, et al. **J Hered** 1985 May-Jun; 76(3):171-6

The Igh-V locus of MRL mice: restriction fragment length polymorphism in eleven strains of mice as determined with VH and D gene probes. Trepicchio W Jr, et al. **J Immunol** 1985 Apr;134(4):2734-9

Histologic changes produced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in the skin of mice carrying mutations that affect the integument. Poland A, et al. **J Invest Dermatol** 1984 Dec;83(6):454-9

The murine mutation trembler-J: proof of semidominant expression by use of the linked vestigial tail marker. Henry EW, et al. **J Neurogenet** 1983 Sep;1(1):39-52

Persistence of cerebellar thymidine kinase in staggerer and hypothyroid mutants. Messer A, et al. **J Neurogenet** 1984 Sep;1(3):239-48

Chromosome translocation (T(2;4)1 Sn)-induced neural tube defects in the mouse embryo. O'Shea KS, et al. **J Neurogenet** 1983 Sep;1(1):29-38

Multiple cutaneous papillomas and carcinomas that develop spontaneously in a mouse mutant, the repeated epilation heterozygote Er/+. Lutzner MA, et al. **JNCI** 1985 Jul; 75(1):161-6

A new mutant at the Dystrophia muscularis (dy) locus in the SM strain of mice. Hayakawa J, et al. **Lab Anim** 1985 Jan;19(1):1-2

Making mutant mice by gene transfer [news] Marx JL. **Science** 1985 Jun 28;228(4707):1516-7

Tumor-prone mice--and myc [news] Marx JL. **Science** 1984 Nov 16;226(4676):823

Differential gene expression in autoimmune mice. Mountz JD, et al. **Surv Immunol Res** 1985;4(1):48-64 (67 ref.)

Effects of genetic background on transmission of incompatibility resulting from mutant minor histocompatibility genes. Busker AE, et al. **Transplantation** 1984 Oct;38(4):424-7

GROWTH & DEVELOPMENT

Abnormal neuronal growth in the little (lit) cerebrum. Noguchi T, et al. **Exp Neurol** 1985 Jul;89(1):274-8

IMMUNOLOGY

Effects of nutrition of disease and life span. II. Vascular disease, serum cholesterol, serum thromboxane, and heart-produced prostacyclin in MRL mice. Mark DA, et al. **Am J Pathol** 1984 Oct;117(1):125-30

Effects of nutrition on disease and life span. I. Immune responses, cardiovascular pathology, and life span in MRL mice. Mark DA, et al. **Am J Pathol** 1984 Oct;117(1):110-24

Defects in mononuclear phagocytic system (MPS) function in autoimmune MRL-lpr/lpr mice. Jones FS, et al. **Clin Immunol Immunopathol** 1985 Jul;36(1):30-9

Hyper-Ia antigen expression on B cells from B6-lpr/lpr mice correlates with manifestations of the autoimmune state. Monroe JG, et al. **Clin Immunol Immunopathol** 1985 Jan; 34(1):124-9

The cooperative effect of the satin and beige mutations in the suppression of NK and CTL activities in mice. McGarry RC, et al. **Immunogenetics** 1984;20(5):527-34

Abnormalities induced by the mutant gene, lpr. Patterns of disease and expression of murine leukemia viruses in SJL/J mice homozygous and heterozygous for lpr. Morse HC 3d, et al. **J Exp Med** 1985 Mar 1;161(3):602-16

Response of MRL/Mp-+/+ mice to mouse Sm: non-H-2-linked genes determine T cell recognition. Bernard NF, et al. **J Immunol** 1985 Mar;134(3):1422-5

The function of antigen-presenting cells in mice with severe combined immunodeficiency. Czitrom AA, et al. **J Immunol** 1985 Apr;134(4):2276-80

Functional analysis of T cell subsets from mice bearing the lpr gene. Davignon JL, et al. **J Immunol** 1985 Oct; 135(4):2423-8

Natural killer (NK) cells are present in mice with severe combined immunodeficiency (scid). Dorshkind K, et al. **J Immunol** 1985 Jun;134(6):3798-801

Subsets of Lyt-2+ cells defined by differential expression of the 9F3 antigen: alterations in mice of the lpr/lpr genotype. Dumont FJ, et al. **J Immunol** 1985 Jan; 134(1):196-203

Helper T lymphocytes from xid and normal mice support anti-phosphocholine antibody responses with equivalent T15, 511, and 603 idiotypic composition. Feeney AJ, et al. **J Immunol** 1984 Dec;133(6):2868-73

Age-dependent changes in B lymphocyte lineage cell populations of autoimmune-prone BXSB mice. Jyonouchi H, et al. **J Immunol** 1985 Feb;134(2):858-64

The wasted mutant mouse. I. An animal model of secretory IgA deficiency with normal serum IgA. Kaiserlian D, et al. **J Immunol** 1985 Aug;135(2):1126-31

Assessment of antigen-specific restriction sites on Ia molecules as defined by the bm12 mutation. Kanamori S, et al. **J Immunol** 1984 Dec;133(6):2811-4

Aberrant expression of Forssman and Paul-Bunnell antigens on lymph node cells of MRL/Mp-lpr/lpr mice. Katagiri T, et al. **J Immunol** 1984 Dec;133(6):3143-8

Undiminished immunologic tolerance to contact sensitivity in mast cell-deficient W/Wv and Sl/Sld mice. Mekori YA, et al. **J Immunol** 1985 Aug;135(2):879-85

Spontaneous interstitial nephritis in kdkd mice. I. An experimental model of autoimmune renal disease. Neilson EG, et al. **J Immunol** 1984 Nov;133(5):2560-5

B lymphocyte production in the bone marrow of mice with X-linked immunodeficiency (xid). Reid GK, et al. **J Immunol** 1985 Oct;135(4):2299-302

Unusual expression of IL 2 receptors and both the c-myb and c-raf oncogenes in T cell lines and clones derived from autoimmune MRL-lpr/lpr mice. Rosenberg YJ, et al. **J Immunol** 1985 May;134(5):3120-3

T cells from autoimmune 'IL 2-defective' MRL-lpr/lpr mice continue to grow in vitro and produce IL 2 constitutively. Rosenberg YJ, et al. **J Immunol** 1984 Nov;133(5):2545-8

Physiology of B cells in mice with X-linked immunodeficiency. I. Size, migratory properties, and turnover of the B cell pool. Sprent J, et al. **J Immunol** 1985 Mar;134(3):1442-8

Isolation of a cDNA clone corresponding to an X-linked gene family (XLR) closely linked to the murine immunodeficiency disorder xid. Cohen DI, et al. **Nature** 1985 Mar 28-Apr 3;314(6009):369-72

Expression of an X-linked gene family (XLR) in late-stage B cells and its alteration by the xid mutation. Cohen DI, et al. **Nature** 1985 Mar 28-Apr 3;314(6009):372-4

Defective protective capacity of W/Wv mice against Strongyloides ratti infection and its reconstitution with bone marrow cells. Nawa Y, et al. **Parasite Immunol** 1985 Jul;7(4):429-38

Novel B-cell maturation factor from spontaneously autoimmune viable motheaten mice. Sidman CL, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7199-202

Decreased graft-versus-host reaction and T cell cytolytic potential of beige mice. Halle-Pannenko O, et al. **Transplantation** 1985 Jan;39(1):85-7

METABOLISM

Abnormal collagen fibrillogenesis in epiphyseal cartilage of CMD (cartilage matrix deficiency) mouse. Kobayakawa M, et al. **Coll Relat Res** 1985 Mar;5(2):137–47

Proteoglycans and glycosaminoglycans in cartilage from the brachymorphic (bm/bm) mouse. Wikström B, et al. **Coll Relat Res** 1985 Mar;5(2):193–204

Differences in basal and stimulated cyclic AMP content in calvaria bones from normal mice and mice with an impaired lysosomal function (beige mice). Ransjö M, et al. **Eur J Clin Invest** 1985 Feb;15(1):15–9

Immunological quantitation of tyrosinase from wild-type and albino mutant mice. Tamate HB, et al. **FEBS Lett** 1985 Apr 22;183(2):279–82

Altered secretion and accumulation of kidney glycosphingolipids by mouse pigmentation mutants with lysosomal dysfunctions. Gross SK, et al. **J Biol Chem** 1985 Apr 25;260(8):5033–9

Long-term administration of massive doses of Sn-protoporphyrin in anemic mutant mice (sphha/sphha). Sassa S, et al. **J Exp Med** 1985 Sep 1;162(3):864–76

Zinc metabolism in lethal-milk mice. Otolith, lactation, and aging effects. Erway LC, et al. **J Hered** 1984 Nov–Dec; 75(6):480–4

Copper utilization in cultured skin fibroblasts of the mottled mouse, an animal model for Menkes' kinky hair syndrome. Packman S, et al. **J Inherited Metab Dis** 1984;7(4):168–70

Altered axonal transport of cytoskeletal proteins in the mutant diabetic mouse. Vitadello M, et al. **J Neurochem** 1985 Sep;45(3):860–8

PHYSIOLOGY

Abscess induction in beige (bg/bg) mutant mice. Finlay-Jones JJ, et al. **Aust J Exp Biol Med Sci** 1984 Oct; 62 (Pt 5):589–95

Further evidence for a separate enzymic entity for the synthesis of homocitrulline, distinct from the regular ornithine transcarbamylase. Carter AL, et al. **Enzyme** 1984; 32(1):26–36

In vitro growth kinetics of mouse trisomies 12 and 19. Nielsén K, et al. **Hereditas** 1985;102(1):77–84

Longitudinal assessment of immunologic abnormalities of mice with the autosomal recessive mutation, 'wasted'. Goldowitz D, et al. **J Immunol** 1985 Sep;135(3):1806–12

The behavior and vestibular nuclear morphology of otoconia-deficient pallid mutant mice. Trune DR, et al. **J Neurogenet** 1983 Sep;1(1):53–69

Expression of ornithine transcarbamylase deficiency in the small intestine and colon of sparse-fur mutant mice. Qureshi IA, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb; 4(1):118–24

Male sexual differentiation in mice lacking H-Y antigen. McLaren A, et al. **Nature** 1984 Dec 6–12;312(5994):552–5

Mouse mutants as models in endocrine research. Charlton HM. **Q J Exp Physiol** 1984 Oct;69(4):655–76 (132 ref.)

Prevention of the eye closure defect in lgMl/lgMl fetal mice by thyroxine. Juriloff DM. **Teratology** 1985 Aug; 32(1):73–86

MICE, NEUROLOGIC MUTANTS

Effects of methylphenidate on whirler mice: an animal model for hyperkinesis. Sackler AM, et al. **Life Sci** 1985 Aug 5; 37(5):425–31

ANATOMY & HISTOLOGY

Hypomyelination in the peripheral nervous system of shiverer mice and in shiverer in equilibrium normal chimaera. Peterson AC, et al. **J Comp Neurol** 1984 Aug 10; 227(3):348–56

Neurological mutation characterized by dysmyelination in NCTR-Balb/C mouse with lysosomal lipid storage disease. Weintraub H, et al. **J Neurochem** 1985 Sep;45(3):665–72

A qualitative and quantitative light microscopic study of the inferior olivary complex in the adult staggerer mutant mouse. Blatt GJ, et al. **J Neurogenet** 1985 Feb;2(1):51–66

Cytoplasmic morphology weaver (wv) mouse cerebellar neurons at the culture substratum. Willinger M, et al. **J Neurosci Res** 1985;13(1–2):163–82

EMBRYOLOGY

Events governing organization of postmigratory neurons: studies on brain development in normal and reeler mice. Goffinet AM. **Brain Res** 1984 Aug;319(3):261–96 (204 ref.)

GENETICS

Myelin basic protein gene expression in quaking, jimpy, and myelin synthesis-deficient mice. Carnow TB, et al. **Dev Biol** 1984 Nov;106(1):38–44

Abnormal expression of the myelin-associated glycoprotein in the central nervous system of dysmyelinating mutant mice. Frail DE, et al. **J Neurochem** 1985 Oct;45(4):1071–5

Molecular genetic analysis of myelin-deficient mice: shiverer mutant mice show deletion in gene(s) coding for myelin basic protein. Kimura M, et al. **J Neurochem** 1985 Mar; 44(3):692–6

Persistence of cerebellar thymidine kinase in staggerer and hypothyroid mutants. Messer A, et al. **J Neurogenet** 1984 Sep;1(3):239–48

[Mutant strains susceptible for epilepsy or convulsions] Suzuki J. **Tanpakushitsu Kakusan Koso** 1984 Dec; 29(14):1659–78 (97 ref.) **(Jpn)**

GROWTH & DEVELOPMENT

Architectonic and hodological organization of the cerebellum in reeler mutant mice. Goffinet AM, et al. **Brain Res** 1984 Nov;318(2):263–76

Effect of the weaver (wv) mutation on cerebellar neuron differentiation. II. Quantitation of neuron behavior in culture. Willinger M, et al. **Dev Biol** 1985 Jan;107(1):173–9

Effect of the weaver (wv) mutation on cerebellar neuron differentiation. I. Qualitative observations of neuron behavior in culture. Willinger M, et al. **Dev Biol** 1985 Jan; 107(1):156–72

Expression of myelin basic protein genes in several dysmyelinating mouse mutants during early postnatal brain development. Roth HJ, et al. **J Neurochem** 1985 Aug; 45(2):572–80

Changes of ganglioside pattern during cerebellar development of normal and staggerer mice. Schaal H, et al. **J Neurochem** 1985 Aug;45(2):544–51

METABOLISM

Studies on myelin basic protein-specific protein methylase I in various dysmyelinating mutant mice. Kim S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):468–74

Myelin-associated glycoprotein and other proteins in Trembler mice. Inuzuka T, et al. **J Neurochem** 1985 Mar; 44(3):793–7

Effect of the jimpy mutation on expression of myelin proteins in heterozygous and hemizygous mouse brain. Kerner AL, et al. **J Neurochem** 1984 Dec;43(6):1706–15

Alteration of sulfatide synthesis in control and Trembler mice during Wallerian degeneration and remyelination. Bourre JM, et al. **Neurochem Pathol** 1984 Fall;2(3):153–61

PHYSIOLOGY

Genetic control of the connectivity and excitability of cerebellar Purkinje cells in rodents. Crepel F, et al. **Adv Exp Med Biol** 1984;181:99–113

CNS hypomyelinated mutant mice (jimpy, shiverer, quaking): in vitro evidence for primary oligodendrocyte defects. Wolf MK, et al. **Adv Exp Med Biol** 1984;181:115–33

Effects of ZnCl2 on membrane interactions in myelin of normal and shiverer mice. Inouye H, et al. **Biochim Biophys Acta** 1984 Oct 3;776(2):197–208

Electrophysiological properties of in vitro hippocampal pyramidal cells from normal and staggerer mutant mice. Fournier E, et al. **Brain Res** 1984 Oct 8;311(1):87–96

A review of the role of cyclic GMP in neurological mutants with photoreceptor dysplasia. Chader GJ, et al. **Curr Eye Res** 1985 Jul;4(7):811–9 (26 ref.)

A cerebellar abnormality in the mouse with motor end-plate disease. Dick DJ, et al. **Neuropathol Appl Neurobiol** 1985 Mar–Apr;11(2):141–7

Transmissible spongiform encephalopathy in the gray tremor mutant mouse. Sidman RL, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):253–7

MICE, NUDE

The nude mouse in cancer research. Giovanella BC, et al. **Adv Cancer Res** 1985;44:69–120 (278 ref.)

Transplantability in nude mice of embryonic and other childhood tumours. Rousseau-Merck MF, et al. **Br J Cancer** 1985 Aug;52(2):279–83

Considerations in the use of nude mice for cancer research. Sharkey FE, et al. **Cancer Metastasis Rev** 1984;3(4):341–60 (133 ref.)

Ascitic disease in nude mice infected with mouse hepatitis virus. Yanagisawa T, et al. **Nippon Juigaku Zasshi** 1985 Feb;47(1):171–4

[Strains of human gastrointestinal and uterine tumors transplantable into athymic mice and rats] Revazova ES, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):71–3 (Eng. Abstr.) **(Rus)**

ANATOMY & HISTOLOGY

Changes in histological differentiation of human tumors transplanted to athymic nude mice: a morphometric study. Sharkey FE, et al. **Exp Cell Biol** 1985;53(2):100–6

GENETICS

Interaction of the heterozygous nude gene with the asplenia trait in mammary tumorigenesis. Lopez DM, et al. **J Exp Med** 1985 Mar 1;161(3):629–34

Leishmania donovani infection in athymic mice derived from parental strains of the susceptible (Lshs) or resistant (Lshr) phenotype. Bonventre PF, et al. **J Leukocyte Biol** 1984 Nov;36(5):651–8

GROWTH & DEVELOPMENT

Development of the lymph nodes in the very young, and their evolution in the mature, nude rat. Sainte-Marie G, et al. **Dev Comp Immunol** 1984 Summer;8(3):695–710

IMMUNOLOGY

Expansion and cell surface Ig isotype switching in the antigen-binding cell population of nu/nu mice and nu/+ littermates. Reichard-Brown JL, et al. **Cell Immunol** 1985 Apr 1;91(2):434–42

Mycobacterium lepraemurium infection of nude athymic (nu/nu) mice. Lefford MJ. **Infect Immun** 1985 Jul; 49(1):190–6

Reconstitution of nude mouse T cell function in vivo: IL 2-independent effect of human T cells. Dosch HM, et al. **J Immunol** 1985 Jan;134(1):336–42

Use of the nude mouse in immunological research. Giovanella BC, et al. **Methods Enzymol** 1984;108:348–57

Thymic epithelium and the induction of transplantation tolerance in nude mice. Jordan RK, et al. **Nature** 1985 Apr 4–10;314(6010):454–6

Immunopathology of Schistosoma japonicum infection in athymic mice. Cheever AW, et al. **Parasite Immunol** 1985 Jul;7(4):387–98

Human tumor xenografts in nude mice: current experience and chemotherapy trials. Azar HA, et al. **Pathol Annu** 1984; 19 Pt 2:245–68

Immune characteristics of the beige-nude mouse. A model for studying immune surveillance. Fodstad O, et al. **Scand J Immunol** 1984 Sep;20(3):267–72

Immunological reconstitution of nude mice transplanted with human malignant tumours. Jacobsen GK, et al. **Tokai J Exp Clin Med** 1983 Dec;8(5–6):513–27

METABOLISM

Abnormalities of splenic enzyme networks in nude mice. Aoyagi T, et al. **Biochem Int** 1984 Oct;9(4):447–54

MICROBIOLOGY

Detection of astroviruses in gut contents of nude and normal mice. Brief report. Kjeldsberg E, et al. **Arch Virol** 1985; 84(1–2):135–40

Colonization and pathogenesis of Campylobacter spp. in athymic and euthymic germfree mice. Yrios JW, et al. **Prog Clin Biol Res** 1985;181:199–202

PHYSIOLOGY

Superoxide dismutase isoenzymes in tissues and plasma from New Zealand black mice, nude mice and normal BALB/c mice. Marklund SL. **Mutat Res** 1985 Jan–Feb; 148(1–2):129–34

Abnormal stem cells in autoimmune-prone mice are responsible for premature thymic involution. Nakamura T, et al. **Thymus** 1985;7(3):151–60

[Development of a photoperiod-controllable clean rack for rats: circadian rhythms of water intake and blood corticosterone levels] Torii R, et al. **Jikken Dobutsu** 1985 Jan;34(1):57–62 (Eng. Abstr.) **(Jpn)**

MICE, OBESE

ANATOMY & HISTOLOGY

Muscle growth and satellite cell proliferative activity in obese (OB/OB) mice. Purchas RW, et al. **J Anim Sci** 1985 Mar; 60(3):644–51

GENETICS

Possible expression of the obese gene in the brown adipose tissue of lean heterozygote littermates of the genetically obese (ob/ob) mouse. Connolly E, et al. **Int J Obes** 1984; 8(5):441–50

GROWTH & DEVELOPMENT

Pancreatic polypeptide and other hormones in pancreas of obese (ob/ob) mice. Tomita T, et al. **Diabetologia** 1984 Oct; 27(4):454–9

Effects of feeding pattern and dietary regimen on growth and adipose tissue cellularity in polygenic obese mice. Plucinski TM, et al. **J Anim Sci** 1984 Aug;59(2):350–60

METABOLISM

Regulation of iodothyronine 5'-deiodination in lean and obese (ob/ob) mice. Hillgartner FB, et al. **Am J Physiol** 1985 Aug;249(2 Pt 1):E209–18

Defective cold-induced stimulation of thyroxine 5'-deiodinase in brown adipose tissue of the genetically obese (ob/ob) mouse. Kates AL, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):188–93

Brown adipose tissue is a major site of glucose utilisation in C57Bl/6 ob/ob mice treated with a thermogenic beta-adrenoceptor agonist. Young P, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):241–8

Arrhenius plot characteristics of adipocyte-plasma-membrane adenylate cyclase activity in lean and genetically obese (ob/ob) mice. French RR, et al. **Biosci Rep** 1984 Dec;4(12):1001–8

Insulin resistance of fat cells from spontaneously diabetic KK mice. Analysis of insulin-sensitive phosphodiesterase. Makino H, et al. **Diabetes** 1985 Sep;34(9):844–9

Evidence for a direct action of exogenous insulin on the pancreatic islets of diabetic mice: islet response to insulin pre-incubation. Gordon C, et al. **Diabetologia** 1985 May; 28(5):291–4

Absence of the inhibitory effect of guanine nucleotides on adenylate cyclase activity in white adipocyte membranes of the ob/ob mouse. Effect of the ob gene. Bégin-Heick N. **J Biol Chem** 1985 May 25;260(10):6187–93

Description of a new model of genetic obesity: the dbPas mouse. Aubert R, et al. **J Nutr** 1985 Mar;115(3):327-33

Metabolic effects of dietary manganese supplementation in ob/ob mice. Welsh JJ, et al. **J Nutr** 1985 Jul;115(7):919-28

PHYSIOLOGY

Effects of adrenalectomy on energy balance of obese mice are diet dependent. Smith CK, et al. **Am J Physiol** 1985 Jul;249(1 Pt 2):R13-22

A histochemical and morphological study of skeletal muscle from obese hyperglycaemic ob/ob mice. Almond RE, et al. **Diabetologia** 1984 Sep;27(3):407-13

Temperature preference of genetically obese (ob/ob) mice. Carlisle HJ, et al. **Physiol Behav** 1984 Dec;33(6):899-902

Membrane potential measurements in islets of Langerhans from ob/ob obese mice suggest an alteration in [Ca2+]i-activated K+ permeability. Rosario LM, et al. **Q J Exp Physiol** 1985 Jan;70(1):137-50

MICE, QUAKING

GENETICS

Myelin basic protein gene expression in quaking, jimpy, and myelin synthesis-deficient mice. Carnow TB, et al. **Dev Biol** 1984 Nov;106(1):38-44

PHYSIOLOGY

Failure of 5-hydroxytryptophan to modulate brain stem auditory evoked responses in myelin deficient mutant qk mice. Shah SN, et al. **Exp Neurol** 1984 Oct;86(1):160-4

MICE, RED-BACKED see **CRICETIDAE**

MICE, WHITE-FOOTED see **PEROMYSCUS**

MICELLES see under **COLLOIDS**

MICONAZOLE

ADMINISTRATION & DOSAGE

Successful treatment of fungal keratitis caused by Paecilomyces lilacinus. Minogue MJ, et al. **Am J Ophthalmol** 1984 Nov;98(5):626-7

Granuloma and pseudogranuloma of the skin due to Microsporum canis. Successful management with local injections of miconazole. Barson WJ. **Arch Dermatol** 1985 Jul;121(7):895-7

Evaluation of miconazole in vaginal gelatin capsules as a topical treatment for vaginal candidosis. Roongpisuthipong A, et al. **J Med Assoc Thai** 1985 Mar;68(3):126-31

Observations made with the simultaneous local application of metronidazole and miconazole in vulvovaginitis. Tatár L. **Ther Hung** 1982;30(4):189-92

[Effectiveness of miconazole and bifonazole cream in a single daily application. An open study] Datz B, et al. **Fortschr Med** 1985 May 2;103(17):464-6 (Eng. Abstr.) **(Ger)**

[A new drug combination for the topical treatment of acne. Miconazole 2% + benzoyl peroxide 5% versus benzoyl peroxide 5%--a double-blind study] Reinel D, et al. **Z Hautkr** 1985 Apr 15;60(8):648-50, 653-6 (Eng. Abstr.) **(Ger)**

ANALOGS & DERIVATIVES

Single-day topical treatment of vaginal candidosis: an open evaluation of terconazole 240-mg vaginal suppositories versus isoconazole tablets 600 mg. Münnich W, et al. **Gynakol Rundsch** 1985;25 Suppl 1:90-8

[Comparative study of an orally and a locally administered antifungal agent in vaginal mycoses] Farkas B, et al. **Mykosen** 1984 Nov;27(11):554-61 (Eng. Abstr.) **(Ger)**

[Usefulness of Gyno-Travogen in the cytological evaluation of vaginal smears in inflammatory conditions] Zywar R, et al. **Ginekol Pol** 1984 Oct;55(10):801-2 (Eng. Abstr.) **(Pol)**

METABOLISM

Penetration of the human nail plate: the effects of vehicle pH on the permeation of miconazole. Walters KA, et al. **J Pharm Pharmacol** 1985 Jul;37(7):498-9

PHARMACODYNAMICS

Inhibition of hyphal development in Trichophyton mentagrophytes arthroconidia by ketoconazole and miconazole. Scott EM, et al. **J Antimicrob Chemother** 1985 Apr;15(4):405-15

Miconazole influence on both cellular immune response and hepatic drug metabolism in mice. Descotes J, et al. **J Immunopharmacol** 1985;7(2):171-8

The effectiveness, in vitro, of miconazole and ketoconazole combined with tissue conditioners in inhibiting the growth of Candida albicans. Quinn DM. **J Oral Rehabil** 1985 Mar;12(2):177-82

Mitochondrial resistance to miconazole in Saccharomyces cerevisiae. Portillo F, et al. **MGG** 1985;199(3):495-9

[Sensitivity of yeast-like organisms to representatives of polyene antibiotics and imidazole chemotherapeutic agents in vitro] Otčenášek M, et al. **Sb Ved Pr Lek Fak Univ Karlovy [Suppl]** 1983;26(3):225-42 (Eng. Abstr.) **(Cze)**

[Antimicrobial action of a vaginal solution containing miconazole] Laureani L, et al. **Nuovi Ann Ig Microbiol** 1983 Jan-Feb;34(1):79-85 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

Effective systemic antifungal agents. Lefrock JL, et al. **Am Fam Physician** 1984 Dec;30(6):162-7

The effects of intravenous miconazole on fungal keratitis. Ishibashi Y, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):433-7

Amphotericin B resistance in Candida [letter] Fisher JF, et al. **Ann Intern Med** 1985 Apr;102(4):563-4

Butoconazole and miconazole in treating vaginal candidiasis. Bradbeer CS, et al. **Genitourin Med** 1985 Aug;61(4):270-2

Topical treatment with imidazole for cutaneous leishmaniasis. Brenner S. **Isr J Med Sci** 1985 Feb;21(2):163-4

A case of Madura foot. Simpson A, et al. **J R Coll Surg Edinb** 1984 Sep;29(5):326-8

Do the imidazoles have a role in the management of genitourinary fungal infections? Wise GJ, et al. **J Urol** 1985 Jan;133(1):61-4

Management of Acanthamoeba keratitis. A case report and review of the literature. Hirst LW, et al. **Ophthalmology** 1984 Sep;91(9):1105-11

Intravenous miconazole therapy for experimental keratomycosis in rabbits. Ishibashi Y, et al. **Sabouraudia** 1985 Feb;23(1):55-61

MICROANGIOPATHY, DIABETIC see **DIABETIC ANGIOPATHIES**

MICROBIAL SENSITIVITY TESTS

see related
DRUG RESISTANCE, MICROBIAL

Multicenter in vitro study of piperacillin. Verbist L. **Acta Clin Belg** 1985;40(1):22-6

Antimicrobial susceptibilities of Listeria monocytogenes strains isolated from 1958 to 1982 in Sweden. Larsson S, et al. **Antimicrob Agents Chemother** 1985 Jul;28(1):12-4

Staphylococcus saprophyticus beta-lactamase production and disk diffusion susceptibility testing for three beta-lactam antimicrobial agents. Latham RH, et al. **Antimicrob Agents Chemother** 1984 Nov;26(5):670-2

Lack of reproducibility of macrodilution MBCs for Staphylococcus aureus. Pelletier LL Jr. **Antimicrob Agents Chemother** 1984 Dec;26(6):815-8

Regrowth of aminoglycoside-resistant variants and its possible implication for determination of MICs. Sörén L, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):501-6

In vitro activity and human pharmacokinetics of teicoplanin. Verbist L, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):881-6

In vitro activity of CGP 31523A, a broad-spectrum cephalosporin, in comparison with those of other agents. Wise R, et al. **Antimicrob Agents Chemother** 1984 Dec;26(6):876-80

The clover-leaf test and inactivation of beta-lactam antibiotics by gram-negative rods. Jørgensen PE. **Chemotherapy** 1985;31(2):95-101

Disc diffusion method to screen for high-level resistance to clindamycin and erythromycin in the Bacteroides fragilis group. Callihan DR, et al. **Diagn Microbiol Infect Dis** 1985 Mar;3(2):131-7

Ureaplasma urealyticum: subcultures invalid for antibiotic susceptibility tests. Kundsin RB, et al. **Diagn Microbiol Infect Dis** 1985 Jul;3(4):329-36

Use of the BACTEC system for drug susceptibility testing of Mycobacterium tuberculosis, M. kansasii, and M. avium complex. Steadham JE, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):33-40

Evaluation of the Cobasbact automated antimicrobial susceptibility testing system. Dupuis G. **Eur J Clin Microbiol** 1985 Apr;4(2):119-22

Proteus infections with reference to proteocine typing. Sharma S, et al. **Indian J Med Res** 1984 Aug;80:154-8

Antimicrobial susceptibility testing and antimicrobial drug dosage. Prescott JF, et al. **J Am Vet Med Assoc** 1985 Aug 15;187(4):363-8

Chemical modification of spiramycins. V. Synthesis and antibacterial activity of 3'- or 4''-de-N-methylspiramycin I and their N-substituted derivatives. Sano H, et al. **J Antibiot (Tokyo)** 1985 Feb;38(2):186-96

Methodology and evaluation of in-vitro models of antimicrobial chemotherapy. Proceedings of a joint meeting, 27-29 March 1984, organized by the Paul-Ehrlich-Gesellschaft für Chemotherapie and British Society for Antimicrobial Chemotherapy. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:1-326

Sensitivity and resistance to antifungals. Speller DC, et al. **J Antimicrob Chemother** 1985 May;15(5):514-7

Culture of the surfaces of urinary catheters to sample urethral flora and study the effect of antimicrobial therapy. Kunin CM, et al. **J Clin Microbiol** 1985 Jun;21(6):902-8

Evaluation of three broth disk methods for testing the susceptibility of anaerobic bacteria to imipenem. Shungu DL, et al. **J Clin Microbiol** 1985 Jun;21(6):875-9

Bioluminescent assay as a potential method of rapid susceptibility testing. Kouda M, et al. **Microbiol Immunol** 1985;29(4):309-15

Beta-lactamase-positive strains of Haemophilus influenzae: susceptibility to and inactivation of beta-lactam antibiotics. Anderson EL, et al. **South Med J** 1985 Jun;78(6):643-6

[Determination of bactericidal activity of a product containing an antiseptic] Desvignes A, et al. **Ann Pharm Fr** 1984;42(6):581-7 **(Fre)**

[Clinical laboratory approach for estimating effective administrative dosage of cefmenoxime. Observation on the MICS and cefmenoxime disc susceptibility test] Uete T, et al. **Jpn J Antibiot** 1984 May;37(5):791-801 (Eng. Abstr.) **(Jpn)**

[Resistance of enteropathogenic bacteria to commonly used antimicrobial agents] Prado V, et al. **Rev Chil Pediatr** 1984 Sep-Oct;55(5):308-12 (Eng. Abstr.) **(Spa)**

[A diffusion method to find the antimicrobial sensitivity of Bacteroides fragilis. Comparative study with a plate dilution technic] de la Torre Misiego F, et al. **Rev Clin Esp** 1984 Aug 15-31;174(3-4):103-5 (Eng. Abstr.) **(Spa)**

[Shigella serotypes isolated July-October 1983 and their antibiotic sensitivity] Ozsoy K, et al. **Mikrobiyol Bul** 1985 Apr;19(2):73-87 (Eng. Abstr.) **(Tur)**

INSTRUMENTATION

A modified field incubator for conducting micro in vitro tests to measure drug susceptibility of Plasmodium falciparum. Gajanana A, et al. **J Commun Dis** 1984 Dec;16(4):332-4

METHODS

The detection of penicillin-resistant pneumococci. The compliance of hospital laboratories with recommended methods. Decker MD, et al. **Am J Clin Pathol** 1985 Sep;84(3):357-60

Role for dual individualization with cefmenoxime. Schentag JJ, et al. **Am J Med** 1984 Dec 21;77(6A):43-50

Interpretation of susceptibility testing of ceftriaxone. Squires E, et al. **Am J Med** 1984 Oct 19;77(4C):12-6

Comparison of minimal inhibitory concentration and disk-diffusion antimicrobic sensitivity testing of bacterial pathogens isolated from food animals. Libal MC. **Am J Vet Res** 1985 May;46(5):1200-5

Comparative evaluation of a commercial microdilution method and a conventional disk diffusion method for determination of antibiograms of gram-positive cocci. Newman SS, et al. **Am J Vet Res** 1985 Jan;46(1):294-7

Determination of in vitro susceptibility of Mycobacterium tuberculosis to cephalosporins by radiometric and conventional methods. Heifets LB, et al. **Antimicrob Agents Chemother** 1985 Jan;27(1):11-5

Evaluation of two broth disk methods for antibiotic susceptibility testing of anaerobes. Helstad AG, et al. **Antimicrob Agents Chemother** 1984 Oct;26(4):601-3

Rapidly growing mycobacteria: testing of susceptibility to 34 antimicrobial agents by broth microdilution. Swenson JM, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):186-92

Susceptibility test methods which may be able to predict the emergence of resistance to newer beta- lactam antibiotics. Jorgensen JH. **Chemioterapia** 1985 Feb;4(1):7-13

A five-year analysis of antimicrobial susceptibility testing profiles for beta-lactam antimicrobials, with inter-hospital and susceptibility method comparisons within a medical school affiliated hospital system. Matsen JM, et al. **Chemioterapia** 1985 Feb;4(1):71-7

Susceptibility testing with the sensititer breakpoint broth microdilution system. Doern GV, et al. **Diagn Microbiol Infect Dis** 1985 May;3(3):185-91

In vitro antimicrobial susceptibility testing using 30 microG and 75 microG U63196-E (cefpimizole AC-1370) disks. Jones RN, et al. **Diagn Microbiol Infect Dis** 1985 Jan;3(1):87-92

Modified microdilution susceptibility test for staphylococci, streptococci and Haemophilus spp. [letter] Fass RJ, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):318-9

Heterogeneity of apparently pure anaerobic cultures: a possible source of error in susceptibility testing [letter] Reig M, et al. **Eur J Clin Microbiol** 1984 Aug;3(4):323-4

A replicator method for the combined determination of minimum inhibitory concentration and minimum bactericidal concentration. Fernandes CJ, et al. **J Antimicrob Chemother** 1985 Jan;15(1):53-60

A note on gentamicin susceptibility testing: the validity of the MS-2 system and Rosco Neosensitabs agar diffusion. Van Caekenberghe DL, et al. **J Appl Bacteriol** 1985 Feb;58(2):235-8

Antimicrobial susceptibility testing of Francisella tularensis with a modified Mueller-Hinton broth. Baker CN, et al. **J Clin Microbiol** 1985 Aug;22(2):212-5

Feasibility study of disk diffusion susceptibility tests with Mueller-Hinton broth solidified with Gelrite, an agar substitute. Barry AL, et al. **J Clin Microbiol** 1985 Mar;21(3):409-14

Comparison of anaerobic susceptibility results obtained by two methods of inoculum preparation. Bourgault AM, et al. **J Clin Microbiol** 1984 Dec;20(6):1060-4

Detection of methicillin-resistant Staphylococcus aureus by microdilution and disk elution susceptibility systems. Boyce JM, et al. **J Clin Microbiol** 1984 Dec;20(6):1068-75

Rapid antimicrobial susceptibility testing of isolates from blood cultures by direct inoculation and early reading of disk diffusion tests. Coyle MB, et al. **J Clin Microbiol** 1984 Sep;20(3):473-7

Collaborative evaluation of the UniScept qualitative antimicrobial susceptibility test. D'Amato RF, et al. **J Clin Microbiol** 1985 Mar;21(3):293-7

Direct identification and susceptibility testing of gram-negative bacilli from BACTEC bottles by use of the MS-2 system with updated bacterial identification software. Dipersio JR, et al. **J Clin Microbiol** 1984 Dec; 20(6):1202-4

Performance of the prompt system in identification and antimicrobial susceptibility testing of clinical isolates. Flejzor B, et al. **J Clin Microbiol** 1985 Feb;21(2):267-8

Proposed disk diffusion susceptibility criteria for ofloxacin. Fuchs PC, et al. **J Clin Microbiol** 1985 Aug;22(2):310-1

Variation in the abilities of automated, commercial, and reference methods to detect methicillin-resistant (heteroresistant) Staphylococcus aureus. Hansen SL, et al. **J Clin Microbiol** 1984 Sep;20(3):494-9

Inability to adequately control antimicrobial agents on AutoMicrobic System Gram-Positive and Gram-Negative Susceptibility Cards. Kellogg JA. **J Clin Microbiol** 1985 Mar;21(3):454-6

Evaluation of broth microdilution susceptibility results for anaerobic organisms by use of a rapid direct colony inoculum. Mangels JI, et al. **J Clin Microbiol** 1985 Feb; 21(2):269-72

Addition of NaCl to MS-2 system clinical cuvettes for combined salt tolerance and susceptibility testing for group D streptococci. Nice EG, et al. **J Clin Microbiol** 1985 Feb; 21(2):247-8

Comparison of microdilution and agar dilution procedures for testing antibiotic susceptibility of Neisseria gonorrhoeae. Shapiro MA, et al. **J Clin Microbiol** 1984 Oct;20(4):828-30

Automated reading of MIC microdilution trays containing fluorogenic enzyme substrates with the Sensititre Autoreader. Staneck JL, et al. **J Clin Microbiol** 1985 Aug; 22(2):187-91

Evaluation of the AutoMicrobic system Gram-Negative General Susceptibility-Plus Card. Van Horn KG, et al. **J Clin Microbiol** 1984 Oct;20(4):630-5

Evaluation of the AutoMicrobic system for identification and susceptibility testing of gram-negative bacilli. Woolfrey BF, et al. **J Clin Microbiol** 1984 Dec;20(6):1053-9

Broth dilution and disc diffusion methods in the susceptibility testing of pathogenic Candida albicans against four antimycotics. Kostiala AA, et al. **Mycopathologia** 1984 Aug 30;87(1-2):121-7

Antifungal drug susceptibility testing. A critical review. Stevens DA. **Mycopathologia** 1984 Sep 30;87(3):135-40 (19 ref.)

Isolation, identification and drug susceptibility of mycobacteria evaluated through radiometric procedures: correlation by conventional methods. Vicini P, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):226-35

Rapid determination of antibiotic susceptibility by a disc diffusion test for urgent clinical situations. Midtvedt K, et al. **Scand J Infect Dis** 1985;17(1):131-2

Bacterial inoculum and the activity of antimicrobial agents. Fry DE, et al. **Surg Gynecol Obstet** 1985 Feb;160(2):105-8

Rapid methods for counting mycobacteria--comparison of methods for extraction of mycobacterial adenosine triphosphate (ATP) determined by firefly luciferase assay. Prioli RP, et al. **Tubercle** 1985 Jun;66(2):99-108

[Present status and trends in the performance of sensitivity tests and in the interpretation of their results] Teplý V, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Jun; 34(4):217-21 (Eng. Abstr.) **(Cze)**

[Determination of bacterial drug sensitivity] Renkonen OV. **Duodecim** 1985;101(13):1277-83 **(Fin)**

[Determination of the germicidal activity of disinfectants and antiseptics by quantitative suspension tests] Reybrouck G. **J Pharm Belg** 1984 Nov-Dec;39(6):390-400 (Eng. Abstr.) **(Fre)**

[Serum antibacterial activity during antibiotic treatment in automated bacteriology] Blin C, et al. **Pathol Biol (Paris)** 1985 May;33(5):354-8 (Eng. Abstr.) **(Fre)**

[Influence of technical factors in the determination of minimal inhibitory concentration by microdilution] Forey F, et al. **Pathol Biol (Paris)** 1985 May;33(5):341-9 (Eng. Abstr.) **(Fre)**

[Rapid ATB. A new system of antibiotic testing in 4 hours. Description and parameters of variation] Gayral JP, et al. **Pathol Biol (Paris)** 1985 May;33(5):350-3 (Eng. Abstr.) **(Fre)**

[The microcomputer in bacteriology. Value in the automated performance of antibiograms in hospitals] Legras B, et al. **Pathol Biol (Paris)** 1984 Nov;32(9):923-9 (Eng. Abstr.) **(Fre)**

[Standardized disk tests for the determination of bacterial resistance] von Graevenitz A, et al. **Schweiz Med Wochenschr** 1984 Aug 7;114(31-32):1079-86 (Eng. Abstr.) **(Ger)**

[A study on the disc sensitivity test for amoxicillin] Kanazawa Y, et al. **Jpn J Antibiot** 1984 Sep;37(9):1661-8 (Eng. Abstr.) **(Jpn)**

[A spectroturbidimetric method of rapid evaluation of microbial sensitivity to antibiotics] Iosipenko AD, et al. **Antibiot Med Biotekhnol** 1985 Mar;30(3):208-12 (Eng. Abstr.) **(Rus)**

[Introduction of the inoculum into the upper agar layer as an alternative method in determining microorganism sensitivity to antibiotics by diffusion in agar] Givental' NI, et al. **Antibiotiki** 1984 Aug;29(8):585-90 (Eng. Abstr.) **(Rus)**

[Methods of determining the sensitivity of anaerobic bacteria to antibacterial drugs] Ponomareva TR, et al. **Antibiotiki** 1984 Dec;29(12):931-9 (29 ref.) **(Rus)**

STANDARDS

Antibiotic susceptibility testing accuracy. Review of the College of American Pathologists Microbiology Survey, 1972-1983. Jones RN, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):595-601

Standardization of inoculum turbidity using the Klett-Summerson colorimeter for aerobes. Flournoy DJ, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Aug;17(3):153-5

Interpretive standards of cefbuperazone disk diffusion susceptibility tests [letter] Barry AL, et al. **Eur J Clin Microbiol** 1985 Apr;4(2):144-5

Ciprofloxacin disk susceptibility tests: interpretive zone size standards for 5-microgram disks. Barry AL, et al. **J Clin Microbiol** 1985 Jun;21(6):880-3

Quality control of susceptibility tests with 5-micrograms trimethoprim disks. Barry AL, et al. **J Clin Microbiol** 1984 Oct;20(4):817-9

Comparison of the Cathra Repliscan II, the AutoMicrobic system Gram-Negative General Susceptibility-Plus Card, and the Micro-Media System Fox Panel for dilution susceptibility testing of gram-negative bacilli. Reiber NE, et al. **J Clin Microbiol** 1985 Jun;21(6):959-62

Proposed quality control and interpretive criteria for disk diffusion susceptibility testing with enoxacin. Rudrik JT, et al. **J Clin Microbiol** 1985 Mar;21(3):332-4

Evaluation of the BACTEC radiometric method for detection of 1% resistant populations of Mycobacterium tuberculosis. Tarrand JJ, et al. **J Clin Microbiol** 1985 Jun; 21(6):941-6

[Statement of the Antibiogram Committee of the French Microbiological Society] **Pathol Biol (Paris)** 1985 May; 33(5):295-6 **(Fre)**

[Comparative study on drug sensitivity tests. I. Comparison between the single-disk method and agar dilution method] Yamazaki E, et al. **Kansenshogaku Zasshi** 1985 Feb; 59(2):94-102 (Eng. Abstr.) **(Jpn)**

MICROBIOLOGICAL TECHNICS

Duration of incubation of aerobic blood cultures--a comparison of recovery rates following blind subcultures after 0-2, 4 and 9 days. Eng J, et al. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):151-4

Techniques of DNA hybridization detect small numbers of mycobacteria with no cross-hybridization with non-mycobacterial respiratory organisms. Shoemaker SA, et al. **Am Rev Respir Dis** 1985 May;131(5):760-3

Biotransformation of dehydroabietic acid with resting cell suspensions and calcium alginate-immobilized cells of Mortierella isabellina. Kutney JP, et al. **Appl Environ Microbiol** 1985 Jan;49(1):96-100

Effects of airflow rates and operator activity on containment of bacterial aerosols in a class II safety cabinet. Macher JM, et al. **Appl Environ Microbiol** 1984 Sep;48(3):481-5

Method for improving the detection of viruses in fecal samples. Pontefract RD, et al. **Appl Environ Microbiol** 1985 Feb;49(2):456-8

Modification of the 14C most-probable-number method for use with nonpolar and volatile substrates. Somerville CC, et al. **Appl Environ Microbiol** 1985 Mar;49(3):711-3

A simple stain for rapid office diagnosis of fungus infections of the skin. Burke WA, et al. **Arch Dermatol** 1984 Nov; 120(11):1519-20

New stain for fungi and basement membrane. Tseng CH. **Arch Pathol Lab Med** 1985 Feb;109(2):196-8

Microcomputers to control the pH of growing micro-organisms. Bangham JA, et al. **Biochem Soc Trans** 1984 Dec;12(6):993-6

Mixed microbial culture technology. Bull AT. **Biochem Soc Trans** 1984 Dec;12(6):1137-8

Interval estimation of the density of organisms using a serial-dilution experiment. Loyer MW, et al. **Biometrics** 1984 Dec;40(4):907-16

Blood cultures. Finn A. **Br J Hosp Med** 1985 May; 33(5):272-4 (27 ref.)

Simple and rapid methods for bacterial identifications. Barry AL. **Clin Lab Med** 1985 Mar;5(1):3-17

Histoplasma capsulatum fungemia documented using the DuPont Isolator System. Wheat LJ, et al. **Diagn Microbiol Infect Dis** 1984 Jan;2(1):51-3

The theory and relevance of continuous culture. Gilbert P. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:1-6

A note on an antimicrobial agent in disc paper and a modified assay procedure for detecting antimicrobials in milk. Goodman GD, et al. **J Appl Bacteriol** 1985 Apr;58(4):351-4

Comparison of standard tube and shell vial cell culture techniques for the detection of cytomegalovirus in clinical specimens. Gleaves CA, et al. **J Clin Microbiol** 1985 Feb; 21(2):217-21

Evaluation of the Quantum II yeast identification system. Kiehn TE, et al. **J Clin Microbiol** 1985 Aug;22(2):216-9

Rapid method for detection of adherent bacteria on Foley urinary catheters. Ladd TI, et al. **J Clin Microbiol** 1985 Jun;21(6):1004-6

Update and evaluation of the AutoMicrobic yeast identification system. Land G, et al. **J Clin Microbiol** 1984 Oct;20(4):649-52

Simple microbiological method for the identification of antimicrobial agents prescribed in general practice. Millar MR, et al. **J Clin Microbiol** 1985 May;21(5):741-4

Comparison of radiometric and conventional culture systems in detecting Haemophilus influenzae type b bacteremia in rats. Mitchell MJ, et al. **J Clin Microbiol** 1985 Aug; 22(2):225-8

Retrospective evaluation of the isolation and identification of herpes simplex virus with Cultureset and human fibroblasts. Phillips LE, et al. **J Clin Microbiol** 1985 Aug; 22(2):255-8

Dark-field focus assay: an improved method for the quantification of transforming retroviruses. Auersperg N. **J Virol Methods** 1984 Nov;9(3):223-5

Adsorption of influenza viruses to nitrocellulose membrane filters by filtration and their quantitative densitometric determination. Furuya K, et al. **J Virol Methods** 1984 Nov; 9(3):193-9

Maximizing the detection capability of a beet western yellows virus ELISA system. Hewings AD, et al. **J Virol Methods** 1984 Oct;9(2):131-42

A simplified microwell pseudoreplica for the detection of viruses by electron microscopy and immunoelectron microscopy. Katz D, et al. **J Virol Methods** 1984 Nov; 9(3):185-92

A comparison of methods for the extraction of nucleoprotein complexes from SV40-infected cells. Springen B, et al. **J Virol Methods** 1984 Oct;9(2):99-105

Enteric microbiology methods for laboratories in developing countries. Sack DA. **Med Lab Sci** 1984 Oct;41(4):348-56

Virus isolation in microplates compared to standard tube method. D'Ambrosio E, et al. **Microbiologica** 1984 Oct; 7(4):385-8

Methods for maintaining stock cultures. Miguens MP. **Mykosen** 1985 Mar;28(3):134-7

Office laboratory diagnosis of skin and soft tissue infections. Todd JK. **Pediatr Infect Dis** 1985 Jan-Feb;4(1):84-7

Production and regeneration of protoplasts from Cryptococcus. Rhodes JC, et al. **Sabouraudia** 1985 Feb; 23(1):77-80

[Is the etiological diagnosis of pneumonia possible?] Kleemola M, et al. **Duodecim** 1985;101(13):1293-302 **(Fin)**

[Possibilities and applications of rapid microbiological diagnosis] Leinonen M, et al. **Duodecim** 1985; 101(13):1247-59 **(Fin)**

[Current microbiological methods in the diagnosis of urinary tract infections] Siitonen A, et al. **Duodecim** 1985; 101(13):1303-10 **(Fin)**

[Quantitative particle determination in electron microscopy] Holl U, et al. **Arch Exp Veterinarmed** 1984 Nov; 38(6):923-43 (Eng. Abstr.) **(Ger)**

[Development of a reproducible microtest for the determination of infectious units of influenza viruses] Schröder G, et al. **Arch Exp Veterinarmed** 1985 Mar; 39(2):214-9 (Eng. Abstr.) **(Ger)**

[Quality assurance in medical microbiology] Burkhardt F. **Zentralbl Bakteriol Mikrobiol Hyg [A]** 1984 Oct; 258(1):1-19 **(Ger)**

[Evaluation of microbial contamination in a hospital environment. Comparison between the Surface Air System and the traditional method] Orpianesi C, et al. **Nuovi Ann Ig Microbiol** 1983 May-Jun;34(3):171-85 (Eng. Abstr.) **(Ita)**

[Automated management of information in the microbiology department of a hospital analysis laboratory. Practical evaluations and operational proposals] Rossetti R, et al. **Quad Sclavo Diagn** 1984 Mar;20(1):1-14 (Eng. Abstr.) **(Ita)**

[Determination of the concentrations of separate species of microorganisms in mixtures by the light scattering spectra of the suspensions] Nikiforova EP, et al. **Biol Nauki** 1985; (2):107-10 (Eng. Abstr.) **(Rus)**

[Evaluation of different methods of studying microbial contamination of objects in the external environment] Espaev BA, et al. **Lab Delo** 1985;(4):241-3 (Eng. Abstr.) **(Rus)**

[Solid-phase radioimmune and immunoenzyme methods for rapid quantitative analysis in microbiology] Manolov AD. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):100-7 (56 ref.) **(Rus)**

INSTRUMENTATION

Instruments for microbial identification. Kelly MT. **Clin Lab Med** 1985 Mar;5(1):91-7

Histoplasma capsulatum recovered from Isolator system [letter] Kiehn TE. **Diagn Microbiol Infect Dis** 1985 May; 3(3):270-1

Evaluation of two bioluminescence-measuring instruments, the Turner Design and Lumac systems, for the rapid screening of urine specimens. Welch WD, et al. **J Clin Microbiol** 1984 Dec;20(6):1165-70

[An evaluation of antimicrobial removal device to isolate bacteria from bacteremic patients with hematological disorders] Nakazawa H, et al. **Jpn J Antibiot** 1984 Jul; 37(7):1272-8 (Eng. Abstr.) **(Jpn)**

[Evaluation of the API 20 C system for the rapid identification of yeast-like organisms] Casal M, et al.

Rev Latinoam Microbiol 1984 Jan-Mar;26(1):77-80 (Eng. Abstr.) **(Spa)**

STANDARDS

External quality assurance in microbiology. The programme of the Royal College of Pathologists of Australasia. Ackerman VP, et al. **Pathology** 1984 Jul;16(3):235-9

[Work standardization of personnel of bacteriological laboratories of dermato-venereological dispensaries (estimated time norms for individual microbiological tests] Iatsukha MV. **Vestn Dermatol Venerol** 1984 Oct;(10):33-6 (Eng. Abstr.) **(Rus)**

TRENDS

[New trends and directions in microbiological diagnosis. II. Semiautomated and automated diagnostic systems] Ciufecu C. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):71-83 **(Rum)**

[New trends and directions in microbiological diagnosis. I. Miniaturized systems] Ciufecu C. **Rev Ig [Bacteriol]** 1984 Oct-Dec;29(4):367-80 (Eng. Abstr.) **(Rum)**

UTILIZATION

Effect of DRGs on utilization of the microbiology laboratory. Bartlett RC. **Infect Control** 1985 Aug;6(8):323-5

VETERINARY

Identification of field isolates of infectious bronchitis virus by interference with the La Sota of strain of Newcastle disease virus. Hidalgo H, et al. **Avian Dis** 1985 Apr-Jun; 29(2):335-40

[In vitro differentiation of pathogenic and nonpathogenic avian influenza viruses] Rott R. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1;98(2):37-9 (Eng. Abstr.) **(Ger)**

MICROBIOLOGY

see related
BACTERIA
FUNGI
PROTOZOA
VIRUSES

First Colloquium in Biological Sciences. New York, New York, 1984. **Ann NY Acad Sci** 1984;435:1-621

Health aspects of biotechnology. Duffus JH, et al. **Ann Occup Hyg** 1985;29(1):1-12 (56 ref.)

Fifty years Antonie van Leeuwenhoek. Its history and its impact. Fuchs A. **Antonie Van Leeuwenhoek** 1984; 50(5-6):425-32

Swiss Society of Microbiology: reports of the 43rd annual meeting. Lugano, 26-28 April 1984. Abstracts. **Experientia** 1985 Apr 15;41(4):529-57

Microcomputer system for multistep specimen processing and reporting in a microbiology laboratory. Ashley R, et al. **J Clin Pathol** 1985 Feb;38(2):215-21

A study of workload units in five microbiology laboratories. Cartwright RY, et al. **J Clin Pathol** 1985 Feb;38(2):208-14

Quills, ballpoints, and now computers [editorial] Warren RE. **J Infect** 1985 May;10(3):185-8

Proceedings of the 7th symposium on microbial sciences. Okayama. **J Pharmacobiodyn** 1985 Feb;8(2):s29-49

Diagnostic virology laboratory within a microbiology setting. Rubin SJ. **Yale J Biol Med** 1984 Sep-Oct;57(5):737-41

[Genetic risk in microbiological laboratory work] Srb V, et al. **Cas Lek Cesk** 1985 May 31;124(22):686-9 (Eng. Abstr.) **(Cze)**

[Abstracts of reports. Association of Physician Microbiologists of Quebec. Annual meeting. Isle-aux-Coudres, Quebec, 30-31 May 1985] **Union Med Can** 1985 May;114(5):434-41 **(Fre)**

[Computer system in the clinical microbiological laboratory] Kudo H. **Rinsho Byori** 1984 Dec;32(12):1292-300 **(Jpn)**

[Implementation of the recommendations of the XVI All-Union Congress of Microbiology and Epidemiology and current goals in the field of infectious disease control in the USSR] Burgasov PN. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):4-16 **(Rus)**

[Abstracts: 15th National Congress of Microbiology. Mexican Association of Microbiology. Veracruz, 3-7 June 1984] **Rev Latinoam Microbiol** 1984 Apr-Jun;26(2):89-188 **(Spa)**

[The role of the Mexican Association of Microbiology in the advancement of national microbiology] Cabrera Juarez E. **Rev Latinoam Microbiol** 1984 Jul-Sep;26(3):191-6 **(Spa)**

ECONOMICS

The clinical microbiology laboratory. Utilization and cost-effectiveness. Washington JA 2d. **Am J Med** 1985 Jun 28;78(6B):8-16

EDUCATION

[Symposium on the teaching of epidemiology and microbiology at various medical school faculties] **Zh Mikrobiol Epidemiol Immunobiol** 1984 Jul;(7):55-75 **(Rus)**

HISTORY

[The development of epidemiology and microbiology in the past 40 years (1945-1985)] Syruček L, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):129-33 **(Cze)**

[From pathogenic bacteria to oral bacterial flora--personal reflection on microbiology] Horikawa T. **Nippon Saikingaku Zasshi** 1984 Sep;39(5):803-7 **(Jpn)**

[Repercussions of Robert Koch's discoveries in the Polish press] Moskwa Z. **Wiad Lek** 1984 Jun 15;37(12):975-8 **(Pol)**

[Immortalizing the names of microbiologists, epidemiologists and infectious disease specialists] Brzheskiĭ VCh. **Zh Mikrobiol Epidemiol Immunobiol** 1985 Apr;(4):118-20 **(Rus)**

[The Leningrad Pasteur Research Institute of Epidemiology and Microbiology during World War II] Chaika NA. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):13-9 **(Rus)**

STANDARDS

The Italian experience of quality control in microbiology. Orsi A, et al. **Quad Sclavo Diagn** 1984 Jun;20(2):203-11

[Statement of the Antibiogram Committee of the French Microbiological Society] **Pathol Biol (Paris)** 1985 May; 33(5):295-6 **(Fre)**

TRENDS

Reproductive microbiology: future perspectives. Eschenbach DA, et al. **Am J Reprod Immunol Microbiol** 1985 Jan; 7(1):2-3

[From biotechnology to bacterial toxins and immunomodulators] Bizzini B. **Boll Ist Sieroter Milan** 1984 Mar;63(1):1-13 (106 ref.) (Eng. Abstr.) **(Ita)**

MICROBODIES

Preparative isolation of peroxisomes from liver and kidney using metrizamide density gradient centrifugation in a vertical rotor. Hajra AK, et al. **Anal Biochem** 1985 Jul; 148(1):233-44

Comparative subcellular fractionation of control and cold-adapted rat brown and white adipose tissue with special reference to peroxisomal and mitochondrial distributions. Karmali A, et al. **Cell Biochem Funct** 1984 Jul;2(3):155-60

Deficiency of enzymes catalyzing the biosynthesis of glycerol-ether lipids in Zellweger syndrome. A new category of metabolic disease involving the absence of peroxisomes. Datta NS, et al. **N Engl J Med** 1984 Oct 25; 311(17):1080-3

ANALYSIS

Ultrastructural localization of a peroxisomal protein in rat liver using the specific antibody against the non-specific lipid transfer protein (sterol carrier protein 2). Van der Krift TP, et al. **Biochim Biophys Acta** 1985 Jan 25; 812(2):387-92

DRUG EFFECTS

Factors influencing peroxisome proliferation in cultured rat hepatocytes. Mitchell AM, et al. **Arch Toxicol** 1984 Oct; 55(4):239-46

The effects of hypolipidemic peroxisome proliferators on the induction of sister chromatid exchanges. Linnainmaa K. **Basic Life Sci** 1984;29 Pt B:965-74 (29 ref.)

Irreversible inhibition of hepatic glutathione S-transferase by ciprofibrate, a peroxisome proliferator. Awasthi YC, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1012-8

Effect of clofibrate on peroxisomal and mitochondrial beta-oxidation in chicken liver. Ishii S, et al. **Biochem Med** 1985 Jun;33(3):387-92

Peroxisomal beta-oxidation and sodium valproate. Van den Branden C, et al. **Biochem Pharmacol** 1985 Jun 15; 34(12):2147-9

Effects of antilipolytic agents on rat liver peroxisomes and peroxisomal oxidative activities. Locci Cubeddu T, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):96-104

Effect of hypolipidemic peroxisome proliferators on unscheduled DNA synthesis in cultured hepatocytes and on mutagenesis in **Salmonella**. Glauert HP, et al. **Cancer Lett** 1984 Sep;24(2):147-56

Effects of the hepatocarcinogen nafenopin, a peroxisome proliferator, on the activities of rat liver glutathione-requiring enzymes and catalase in comparison to the action of phenobarbital. Furukawa K, et al. **Cancer Res** 1985 Oct;45(10):5011-9

32P-postlabeling analysis of peroxisome proliferator-DNA adduct formation in rat liver in vivo and hepatocytes in vitro. Gupta RC, et al. **Carcinogenesis** 1985 Jun;6(6):933-6

Effects of the hepatocarcinogenic peroxisome-proliferating hypolipidemic agents clofibrate and nafenopin on the rat liver cell membrane enzymes gamma-glutamyltranspeptidase and alkaline phosphatase and on the early stages of liver carcinogenesis. Numoto S, et al. **Carcinogenesis** 1984 Dec;5(12):1603-11

Lack of hepatic promotional activity by the peroxisomal proliferating hepatocarcinogen di(2-ethylhexyl)phthalate. Popp JA, et al. **Carcinogenesis** 1985 Jan;6(1):141-4

Nafenopin-induced rat liver peroxisome proliferation reduces DNA methylation by N-nitrosodimethylamine in vivo. Wiestler OD, et al. **Carcinogenesis** 1985 Sep;6(9):1309-13

Thioridazine: a selective inhibitor of peroxisomal beta-oxidation in vivo. Van den Branden C, et al. **FEBS Lett** 1985 Aug 5;187(2):331-3

Dihydroxyacetone synthase is an abundant constituent of the methanol-induced peroxisome of Candida boidinii. Goodman JM. **J Biol Chem** 1985 Jun 10;260(11):7108-13

Sequential histologic study of rat liver during peroxisome proliferator [4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio]-acetic acid (Wy-14,643)-induced carcinogenesis. Rao MS, et al. **JNCI** 1984 Oct;73(4):983-90

Stereological analysis of smooth endoplasmic reticulum and peroxisome proliferation in hepatocytes from neonatal and adult mice after phenobarbital administration. Kanai K, et al. **Okajimas Folia Anat Jpn** 1984 Dec;61(5):327-35

Unsuccessful attempts to induce peroxisomes in two cases of Zellweger disease by treatment with clofibrate. Björkhem I, et al. **Pediatr Res** 1985 Jun;19(6):590-3

Identification of the proximate peroxisome proliferator(s) derived from di(2-ethylhexyl) phthalate. Mitchell AM, et al. **Toxicol Appl Pharmacol** 1985 Aug;80(1):23-32

Lack of covalent binding of peroxisome proliferators nafenopin and Wy-14 643 to DNA in vivo and in vitro. Goel SK, et al. **Toxicol Lett** 1985 Jan;24(1):37-43

Lipid accumulation in the livers of chlorpromazine-treated rats does not induce peroxisome proliferation. Price SC, et al. **Toxicol Lett** 1985 Apr;25(1):11-7

Chemical carcinogens without mutagenic activity: peroxisome proliferators as a prototype. Reddy JK, et al. **Toxicol Pathol** 1983;11(2):172-80

Qualitative and quantitative ultrastructural alterations in hepatocytes of rats prenatally exposed to ethanol with special reference to mitochondria, golgi apparatus and peroxisomes. Renau-Piqueras J, et al. **Virchows Arch [A]** 1985;405(2):237-51

ENZYMOLOGY

Peroxisomal oxidases and suggestions for the mechanism of action of insulin and other hormones. Hamilton GA. **Adv Enzymol** 1985;57:85-178 (307 ref.)

Developmental changes in the activities of peroxisomal and mitochondrial beta-oxidation in chicken liver. Ishii H, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):151-9

Peroxisomal beta-oxidation enzyme proteins in the Zellweger syndrome. Tager JM, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1269-75

Evidence for peroxisomal hydroxylase activity in rat liver. Thompson SL, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):708-16

Detection of acyl-CoA beta-oxidation enzymes in peroxisomes (microperoxisomes) of mouse heart. Connock MJ, et al. **Biochem Int** 1983 Apr;6(4):545-51

Acyl-CoA synthetase and the peroxisomal enzymes of beta-oxidation in human liver. Quantitative analysis of their subcellular localization. Bronfman M, et al. **Biochem J** 1984 Dec 15;224(3):709-20

Induction of peroxisomal enzymes and palmitoyl-CoA hydrolase in rats treated with cholestyramine and nicotinic acid. Bakke OM, et al. **Biochem Pharmacol** 1984 Oct 1; 33(19):3077-80

Glycerolipid synthetic capacity of rat liver peroxisomes. Ballas LM, et al. **Biochim Biophys Acta** 1984 Sep 12; 795(2):297-300

Action of clofibrate and its analogs in rats. Dissociation of hypolipidemic effects and the induction of peroxisomal beta-oxidation. Harrison EH. **Biochim Biophys Acta** 1984 Nov 14;796(2):163-8

Kinetic properties of rat kidney D-amino acid oxidase associated with peroxisomes. Huynh MS, et al. **Comp Biochem Physiol [B]** 1985;80(3):425-30

Intraparticulate localization and some properties of a clofibrate-induced peroxisomal aldehyde dehydrogenase from rat liver. Antonenkov VD, et al. **Eur J Biochem** 1985 May 15;149(1):159-67

Peroxisomal beta-oxidation system of Candida tropicalis. Purification of a multifunctional protein possessing enoyl-CoA hydratase, 3-hydroxyacyl-CoA dehydrogenase and 3-hydroxyacyl-CoA epimerase activities. Moreno de la Garza M, et al. **Eur J Biochem** 1985 Apr 15;148(2):285-91

Isolation and characterization of peroxisomes from the liver of normal untreated rats. Völkl A, et al. **Eur J Biochem** 1985 Jun 3;149(2):257-65

3-Hydroxyacyl-CoA epimerase is a peroxisomal enzyme and therefore not involved in mitochondrial fatty acid oxidation. Chu CH, et al. **FEBS Lett** 1985 Jun 3; 185(1):129-34

Automatic determination of labeling density in protein A-gold immunocytochemical preparations using an image analyzer. Application to peroxisomal enzymes. Beier K, et al. **Histochemistry** 1985;82(1):99-100

Studies on the metabolism of unsaturated fatty acids. XV. Purification and properties of 2,4-dienoyl-CoA reductase from rat liver peroxisomes. Kimura C, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1463-9

Induction of peroxisomal beta-oxidation enzymes in primary cultured rat hepatocytes by clofibric acid. Ozasa H, et al. **J Biochem (Tokyo)** 1985 May;97(5):1273-8

The regulation of peroxisomal enzyme systems of

Tetrahymena pyriformis by fatty acid composition, glucose and oxygen in the medium. Takei M, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1631-6

Interaction with deoxycholate of rat liver peroxisomal and cytosolic catalase. Takei N, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):685-92

Properties of purified carnitine acyltransferases of mouse liver peroxisomes. Farrell SO, et al. **J Biol Chem** 1984 Nov 10;259(21):13089-95

Post-translational import of fatty acyl-CoA oxidase and catalase into peroxisomes of rat liver in vitro. Fujiki Y, et al. **J Biol Chem** 1985 May 10;260(9):5603-9

Developmental profiles and properties of hepatic peroxisomal apo- and mitochondrial holoalanine:glyoxylate aminotransferase during chick embryogenesis. Noguchi T, et al. **J Biol Chem** 1984 Dec 10;259(23):14498-504

Molecular cloning and nucleotide sequence of the cDNA for rat peroxisomal enoyl-CoA: hydratase-3-hydroxyacyl-CoA dehydrogenase bifunctional enzyme. Osumi T, et al. **J Biol Chem** 1985 Jul 25;260(15):8905-10

Acyl-Coa oxidase and hydratase-dehydrogenase, two enzymes of the peroxisomal beta-oxidation system, are synthesized on free polysomes of clofibrate-treated rat liver. Rachubinski RA, et al. **J Cell Biol** 1984 Dec; 99(6):2241-6

The occurrence of glycosomes (microbodies) in the promastigote stage of four major Leishmania species. Hart DT, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):159-72

3-Hydroxy-3-methylglutaryl-coenzyme A reductase is present in peroxisomes in normal rat liver cells. Keller GA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):770-4

Cloning of cDNA coding for peroxisomal acyl-CoA oxidase from the yeast Candida tropicalis pK233. Rachubinski RA, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):3973-7

[Dehydrogenases of the pentose cycle in rat liver peroxisomes] Antonenkov VD, et al. **Biokhimiia** 1984 Jul; 49(7):1159-65 (Eng. Abstr.) **(Rus)**

[New enzymatic systems of mammalian peroxisomes] Panchenko LF, et al. **Vestn Akad Med Nauk SSSR** 1984; (8):48-52 (Eng. Abstr.) **(Rus)**

METABOLISM

Biogenesis and metabolic significance of microbodies in urate-utilizing yeasts. Veenhuis M, et al. **Antonie Van Leeuwenhoek** 1985;51(1):33-43

Conversion of glycerate to serine in intact spinach leaf peroxisomes. Liang Z, et al. **Arch Biochem Biophys** 1984 Sep;233(2):393-401

Activity of peroxisomal enzymes and intracellular distribution of catalase in Zellweger syndrome. Wanders RJ, et al. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1054-61

Participation of peroxisomal beta-oxidation system in the chain-shortening of a xenobiotic acyl compound. Yamada J, et al. **Biochem Biophys Res Commun** 1984 Nov 30; 125(1):123-8

Heating RNA before cell-free translation is essential for the efficient and reproducible synthesis of several peroxisomal proteins. Mortensen RM, et al. **Biochem J** 1984 Oct 15; 223(2):547-50

Enhancement of peroxisomal beta-oxidation in the liver of rats and mice treated with valproic acid. Horie S, et al. **Biochem Pharmacol** 1985 May 1;34(9):1357-62

A direct comparison between peroxisomal and mitochondrial preferences for fatty-acyl beta-oxidation predicts channelling of medium-chain and very-long-chain unsaturated fatty acids to peroxisomes. Alexson SE, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):1-10

Mechanism of peroxisomal 24-hydroxylation of 3 alpha,7 alpha,12 alpha-trihydroxy-5 beta-cholestanoic acid in rat liver. Björkhem I, et al. **Biochim Biophys Acta** 1984 Nov 14;796(2):142-5

The effect of bezafibrate and long-chain fatty acids on peroxisomal activities in cultured rat hepatocytes. Hertz R, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):192-200

Flux of palmitate through the peroxisomal and mitochondrial beta-oxidation systems in isolated rat hepatocytes. Kondrup J, et al. **Biochim Biophys Acta** 1985 Jun 14; 835(1):147-53

Peroxisomes in the liver of frog, Bombina orientalis. Hayashi H, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2346-52

Mitochondrial and peroxisomal metabolism of glutaryl-CoA. Vamecq J, et al. **Eur J Biochem** 1985 Feb 1;146(3):663-9

The peroxisomal disorders. Moser HW, et al. **Hosp Pract [Off]** 1985 Sep 15;20(9):61-70

Association of the liver peroxisomal fatty acyl-CoA beta-oxidation system with the synthesis of bile acids. Hayashi H, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1713-9

Defective peroxisomal cleavage of the C27-steroid side chain in the cerebro-hepato-renal syndrome of Zellweger. Kase BF, et al. **J Clin Invest** 1985 Feb;75(2):427-35

Oxidation of oxalate and polyamines by rat peroxisomes. Beard ME, et al. **J Histochem Cytochem** 1985 May; 33(5):460-4

On the role of peroxisomes in the metabolism of lipids--evidence from studies on mammalian tissues in vivo. Masters C, et al. **Mol Cell Biochem** 1984 Nov;65(1):23-35

High-level expression and molecular cloning of genes encoding Candida tropicalis peroxisomal proteins. Kamiryo T, et al. **Mol Cell Biol** 1984 Oct;4(10):2136-41

Rhizomelic chondrodysplasia punctata: another peroxisomal disorder [letter] Heymans HS, et al. **N Engl J Med** 1985 Jul 18;313(3):187-8

Dietary fat, acyl CoA levels and peroxisomal beta-oxidation. **Nutr Rev** 1984 Nov;42(11):385-7 (14 ref.)

DNA damage related to increased hydrogen peroxide generation by hypolipidemic drug-induced liver peroxisomes. Fahl WE, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7827-30

Synthesis of a major integral membrane polypeptide of rat liver peroxisomes on free polysomes. Fujiki Y, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7127-31

Enhanced peroxisomal beta-oxidation of fatty acids and glutathione metabolism in rats exposed to phenoxyacetic acids. Hietanen E, et al. **Toxicology** 1985 Feb;34(2):103-11

PATHOLOGY

Peroxisomal defects in neonatal-onset and X-linked adrenoleukodystrophies. Goldfischer S, et al. **Science** 1985 Jan 4;227(4682):67-70

ULTRASTRUCTURE

Serial section analysis of mouse hepatic peroxisomes. Gorgas K. **Anat Embryol (Berl)** 1985;172(1):21-32

Ultrastructural cytology of Basidiobolus haptosporus: morphology and electron cytochemistry of microbodies. Garrison RG, et al. **Ann Microbiol (Paris)** 1984 Nov-Dec; 135B(3):227-50

Improved isolation and purification of rat liver peroxisomes by combined rate zonal and equilibrium density centrifugation. Hartl FU, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):124-34

Effect of fenofibrate and LF 2151 on hepatic peroxisomes in hamsters. Pourbaix S, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3661-6

Marginal plates in hepatic peroxisomes of Ichthyophis glutinosus (Amphibia: Gymnophiona). A cytochemical study. Gorgas K, et al. **Cell Tissue Res** 1984;238(2):413-6

Sex-influenced CPIB-induction of peroxisomes in rat liver and kidney tissues. Henry EW, et al. **Cytobios** 1985; 42(169S):279-93

Biogenesis and cytochemistry of unspecialized peroxisomes in root cortical cells of Yucca torreyi L. Kausch AP. **Eur J Cell Biol** 1984 Jul;34(2):239-47

Peroxisomes in sebaceous glands. IV. Aggregates of tubular peroxisomes in the mouse Meibomian gland. Gorgas K, et al. **Histochem J** 1984 Oct;16(10):1079-98

Partial disassembly of peroxisomes. Alexson SE, et al. **J Cell Biol** 1985 Jul;101(1):294-304

Ultrastructural and cytochemical demonstration of peroxisomes in cultured fibroblasts from patients with peroxisomal deficiency disorders. Arias JA, et al. **J Cell Biol** 1985 May;100(5):1789-92

Peroxisomes in fibroblasts from skin of Refsum's disease patients. Beard ME, et al. **J Histochem Cytochem** 1985 May; 33(5):480-4

A caution in the use of periodate-lysine-paraformaldehyde fixation for immunocytochemistry. Pino RM. **Stain Technol** 1984 Sep;59(5):307-9

[Peroxisomal defects in Zellweger's disease--a description of 2 Swedish cases] Björkhem I, et al. **Lakartidningen** 1985 May 1;82(18):1674-7 **(Swe)**

MICROCAPSULES see **CAPSULES**

MICROCEBUS see **LEMURIDAE**

MICROCEPHALY

Kabuki makeup syndrome (Niikawa-Kuroki syndrome) in Europe [letter] Braun OH, et al. **J Pediatr** 1984 Nov; 105(5):849-50

CHEMICALLY INDUCED

Neuroanatomical study of somatomotor cortex in microcephalic mice induced by cytosine arabinoside. Ohno M. **Brain Dev** 1984;6(6):528-38

Monoamine neurotransmitter metabolism in microencephalic rat brain after prenatal methylazoxymethanol treatment. Hallman H, et al. **Brain Res Bull** 1984 Sep;13(3):383-9

Toluene embryopathy. Hersh JH, et al. **J Pediatr** 1985 Jun; 106(6):922-7

COMPLICATIONS

Aplastic anemia in Dubowitz syndrome. Walters TR, et al. **J Pediatr** 1985 Apr;106(4):622-3

[Association of early-onset nephrotic syndrome and microcephaly. Apropos of 4 cases in 2 families] Gaudelus J, et al. **Arch Fr Pediatr** 1984 Jun-Jul;41(6):409-15 (Eng. Abstr.) **(Fre)**

DIAGNOSIS

[Problems in the prenatal diagnosis of fetal microcephaly] Schaller A, et al. **Zentralbl Gynakol** 1985;107(8):503-7 (Eng. Abstr.) **(Ger)**

[Use of ultrasonography of the skull in the fetus and the newborn infant] Pinto Laso F, et al. **Rev Chil Obstet Ginecol** 1983;48(3):165-70 (Eng. Abstr.) **(Spa)**

ETIOLOGY

[Undetected phenylketonuria in a family] Dijkhuis HJ, et al. **Ned Tijdschr Geneeskd** 1985 Jan 12;129(2):65-8 (Eng. Abstr.) **(Dut)**

FAMILIAL & GENETIC

Familial microcephaly with normal intelligence, immunodeficiency, and risk for lymphoreticular malignancies: a new autosomal recessive disorder. Seemanová E, et al. **Am J Med Genet** 1985 Apr; 20(4):639-48

Osteodysplastic primordial dwarfism: report of a further patient with manifestations similar to those seen in patients with types I and III. Winter RM, et al. **Am J Med Genet** 1985 Jul;21(3):569-74

Oculo-palato-cerebral dwarfism: a new syndrome. Frydman M, et al. **Clin Genet** 1985 Apr;27(4):414-9

Dominantly inherited syndrome of microcephaly and congenital lymphedema. Leung AK. **Clin Genet** 1985 Jun; 27(6):611-2

METABOLISM

[Neurochemical and histofluorescent studies on brain maturation in experimental microcephaly] Yamasaki S. **No To Hattatsu** 1985 Jan;17(1):50-8 (Eng. Abstr.) **(Jpn)**

OCCURRENCE

[Descriptive epidemiologic study of congenital abnormalities of the central nervous system in Spain (1976-1982)] Martinez Frias ML, et al. **An Esp Pediatr** 1984 Dec; 21(9):810-21 (Eng. Abstr.) **(Spa)**

PATHOLOGY

Atelencephalic microcephaly. Counseling severe cerebral dysmorphogenesis. Shewmon DA, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):649-51

Anatomo-pathological findings in a case of combined deficiency of sulphite oxidase and xanthine oxidase with a defect of molybdenum cofactor. Roth A, et al. **Virchows Arch [A]** 1985;405(3):379-86

PHYSIOPATHOLOGY

The angiogenesis of micrencephalic rat brains caused by methylazoxymethanol acetate. I. Superficial venous system. A quantitative analysis. Bardosi A, et al. **Acta Neuropathol (Berl)** 1985;66(3):253-63

VETERINARY

Light and electron microscopic observations of choroid plexus in N-methyl-nitrosourea-induced dysgenetic hydromicrocephalic rat offsprings. Aiuchi M, et al. **Nippon Juigaku Zasshi** 1985 Apr;47(2):207-16

MICROCHEMISTRY

METHODS

[Enzymatic cycling--a microassay based on enzymatic amplification reactions] Kato T. **Iyodenshi To Seitai Kogaku** 1984 Aug;22(4):260-6 (23 ref.) **(Jpn)**

[A micro and rapid quantitation of branched amino acids, aromatic acids and methionine] Iwamoto N, et al. **Rinsho Byori** 1984 Sep;32(9):1034-8 **(Jpn)**

MICROCIRCULATION

Fluorocarbons and the microcirculation. Faithfull NS, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:69-78

Role of prostaglandins in microcirculatory function. Kaley G, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985; 13:27-35 (39 ref.)

Microcirculation and hemorrhagic shock. Haljamäe H. **Am J Emerg Med** 1984 Jan;2(1):100-7

Microvasculature of preovulatory follicles: comparison of in situ and in vitro perfused rabbit ovaries following stimulation of ovulation. Kitai H, et al. **Am J Obstet Gynecol** 1985 Aug 1;152(7 Pt 1):889-95

Model studies on distributions of blood cells at microvascular bifurcations. Chien S, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H568-76

Autoregulation of capillary pressure and filtration rate in isolated rat hindquarters. Korthuis RJ, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H835-42

Statistical constraints on microvascular measurements using fluorescent erythrocytes. Sarelius IH, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):H577-86

A simple model for simulation of oxygen transport in the microcirculation. Baxley PT, et al. **Ann Biomed Eng** 1983; 11(5):401-16

The microcirculatory pattern of the transverse-abdominal flap: a cross sectional xerographic and CAT scanning study. Kaufman T, et al. **Ann Plast Surg** 1985 Apr; 14(4):340-5

Predicting the fate of free tissue transfers. Jones BM. **Ann R Coll Surg Engl** 1985 Mar;67(2):63-70

The micro-circulation in systemic sclerosis. Jayson MI. **Clin Exp Rheumatol** 1984 Jan-Mar;2(1):85-91 (76 ref.)

Pathological and adaptive vascular changes in the microcirculatory bed according to morphological and biomicroscopic findings. Yarygin NE, et al. **Cor Vasa** 1985; 27(1):78-86

Alterations of capillary flow during sepsis. Rogers F, et al. **Curr Surg** 1984 Jul-Aug;41(4):262-3

Characterization of the receptors for insulin and the insulin-like growth factors on micro- and macrovascular tissues. Jialal I, et al. **Endocrinology** 1985 Sep;117(3):1222-9

Macromolecule transport across the pulmonary microvessel walls. Taylor A, et al. **Exp Lung Res** 1985;8(2-3):97-123 (124 ref.)

Optical techniques for monitoring cutaneous microcirculation. Recent applications. Guy RH, et al. **Int J Dermatol** 1985 Mar;24(2):88-94 (40 ref.)

Third World Congress for Microcirculation. September 9th-14th, 1984, Oxford, United Kingdom. Abstracts. **Int J Microcirc Clin Exp** 1984;3(3-4):213-584

The acute effect of cigarette smoking on macular capillary blood flow in humans. Robinson F, et al. **Invest Ophthalmol Vis Sci** 1985 May;26(5):609-13

Stagnation of blood in the microcirculatory vessels in the testes of men with varicocele. Chakraborty J, et al. **J Androl** 1985 Mar-Apr;6(2):117-26

A mathematical representation for vessel network III. Chen II. **J Theor Biol** 1984 Nov 7;111(1):115-21

Analysis of the bidirectional optical three-stage prism grating system for red blood cell velocity measurements in microvessels. Jeurens TJ, et al. **Med Biol Eng Comput** 1984 Nov;22(6):521-8

The Microcirculatory Society Eugene M. Landis Award lecture. Role of blood cells in microcirculatory regulation. Chien S. **Microvasc Res** 1985 Mar;29(2):129-51 (82 ref.)

The Landis Award lecture for 1982. Biological barriers: their effects on cellular entry and metabolism in vivo. Goresky CA. **Microvasc Res** 1985 Jan;29(1):1-17

Functional and morphological changes in the microcirculation of the dog following acute coronary artery ligation. Grayson J, et al. **Microvasc Res** 1985 Mar; 29(2):161-75

Leukocyte distribution to arteriolar branches: dependence on microvascular blood flow. Mayrovitz HN, et al. **Microvasc Res** 1985 May;29(3):282-94

Long-term micro- and macrocirculatory measurements in conscious rats. Smith TL, et al. **Microvasc Res** 1985 May; 29(3):360-70

Entrainment of microspheres within blood flowing through microarteries. Harell GS, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):552-8

Effect of a new antithrombotic agent (defibrotide) in acute renal failure due to thrombotic microangiopathy. Bonomini V, et al. **Nephron** 1985;40(2):195-200

Variations of rhythmic diameter changes at the arterial microvascular bifurcations. Colantuoni A, et al. **Pflugers Arch** 1985 Mar;403(3):289-95

Analysis of the effects of measured white blood cell entrance times on hemodynamics in a computer model of a microvascular bed. Fenton BM, et al. **Pflugers Arch** 1985 Apr;403(4):396-401

Assessment of microsphere technique for measurement of capillary blood flow in random skin flaps in pigs. Pang CY, et al. **Plast Reconstr Surg** 1984 Oct;74(4):513-21

Membrane knobs are required for the microcirculatory obstruction induced by Plasmodium falciparum-infected erythrocytes. Raventos-Suarez C, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3829-33

[Sympathectomy and microcirculation: physiopathologic reflections] Carpentier P, et al. **J Mal Vasc** 1985;10 Suppl A:62-5 (Eng. Abstr.) **(Fre)**

[Preliminary results of a prospective study of microcirculatory disorders in alcoholic fibro-cirrhosis. Relation to hyperestrogenism] Janbon C, et al. **J Mal Vasc** 1985;10 Suppl A:173-5 (Eng. Abstr.) **(Fre)**

[Microvascular consequences of low distal blood perfusion rates] Merlen JF. **J Mal Vasc** 1985;10 Suppl A:194-8 (Eng. Abstr.) **(Fre)**

[Microcirculation, mesotherapy and thermography] Thierrée RA, et al. **J Mal Vasc** 1985;10 Suppl A:207-8 **(Fre)**

[Microcirculation in clinical medicine] **Verh Dtsch Ges Inn Med** 1984;90 Pt 1:241-68 **(Ger)**

[Telethermography with a cryostimulation technic in the study of microcirculation in diabetic patients] Ippolito F, et al. **G Ital Dermatol Venereol** 1984 Jan-Feb;119(1):49-55 **(Ita)**

[Microcirculation in alopecia areata. A study using the erythrocytic filtration method] Trevisan G, et al. **G Ital Dermatol Venereol** 1985 Jan-Feb;120(1):29-33 (Eng. Abstr.) **(Ita)**

[Correction of microcirculatory disorders in vibration disease] Loseva MI, et al. **Gig Tr Prof Zabol** 1984 Oct; (10):19-22 (Eng. Abstr.) **(Rus)**

[Microembolism--an important but often missed diagnosis] Bergqvist D, et al. **Lakartidningen** 1985 Mar 6;82(10):871-3 **(Swe)**

ANALYSIS

Vasodilator effect of terbutaline: in vivo evidence for the existence of beta 2-adrenoceptors in the microcirculation of rats, hamsters, and guinea pigs. Koo A. **J Cardiovasc Pharmacol** 1984 Sep-Oct;6(5):897-901

ANATOMY & HISTOLOGY

Nonuniform red cell distribution in 20 to 100 micrometers bifurcations. Fenton BM, et al. **Microvasc Res** 1985 Jan; 29(1):103-26

New method for visualization of vascular networks in nonperfused fixed tissues. Sherman DM, et al. **Stain Technol** 1985 Mar;60(2):89-92

[New method of demonstrating elements of the vascular bed] Adyshirin-zade EA, et al. **Arkh Anat Gistol Embriol** 1984 Nov;87(11):97-9 **(Rus)**

[Transparent chamber for vital microscopy] Stebel'skii SE, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):88-90 **(Rus)**

CYTOLOGY

Microvascular pericytes contain muscle and nonmuscle actins. Herman IM, et al. **J Cell Biol** 1985 Jul;101(1):43-52

Contractile proteins in pericytes. II. Immunocytochemical evidence for the presence of two isomyosins in graded concentrations. Joyce NC, et al. **J Cell Biol** 1985 May; 100(5):1387-95

Contractile proteins in pericytes. I. Immunoperoxidase localization of tropomyosin. Joyce NC, et al. **J Cell Biol** 1985 May;100(5):1379-86

DRUG EFFECTS

Actions of prostaglandin E2 metabolites on skin microcirculation. Kingston WP, et al. **Agents Actions** 1985 Mar;16(1-2):13-4

Pharmacologic manipulation of the microcirculation in cutaneous and myocutaneous flaps in pigs. Pang CY, et al. **Clin Plast Surg** 1985 Apr;12(2):173-84

Microcirculatory changes in patients with primary Raynaud's phenomenon after treatment with buflomedil. Jacobs MJ, et al. **Int J Microcirc Clin Exp** 1985;4(1):63-8

Influence of systemically applied angiotensin II on the microcirculation of glomerular capillaries in the rat. Zimmerhackl B, et al. **Kidney Int** 1985 Jan;27(1):17-24

Microcirculatory effects of nicotine and related alkaloids. Henrich H, et al. **Klin Wochenschr** 1984;62 Suppl 2:92-100

Pharmacologic modification of blood flow in the rabbit microvasculature with prostacyclin and related drugs. Knight KR, et al. **Plast Reconstr Surg** 1985 May; 75(5):692-702

[A comparative study on the effect of 20 herbs activating blood circulation and decreasing blood stasis on the obstruction of experimental microcirculation] Weng WL. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Sep;4(9):555-7, 517 (Eng. Abstr.) **(Chi)**

[Observations on anisodamine treatment on the hypertensive syndrome in pregnancy and indexes of its microcirculatory rheology] Wang BP. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Jul;19(3):145-7, 190 (Eng. Abstr.) **(Chi)**

[Hemorheological, hemocoagulation and photoplethysmographic changes induced by the administration of pentoxifylline in patients with Raynaud's disease] Macchione C, et al. **Minerva Med** 1985 Jul 31; 76(30-31):1401-5 (Eng. Abstr.) **(Ita)**

[Blood-brain barrier opening microcirculation in human brain tumor] Sato S, et al. **No To Shinkei** 1985 Feb; 37(2):109-13 (Eng. Abstr.) **(Jpn)**

IMMUNOLOGY

Acute inflammation induced by immune complexes in the microcirculation. Crawford JP, et al. **Exp Mol Pathol** 1985 Apr;42(2):175-93

INJURIES

Pressure sores [letter] Lowthian P. **Plast Reconstr Surg** 1985 Aug;76(2):329-30

METABOLISM

Adenosine analogues stimulate cyclic AMP formation in rabbit cerebral microvessels via adenosine A2-receptors. Li YO, et al. **Acta Physiol Scand** 1985 Jun;124(2):253-9

An in-vitro method for simulation of oxygen transport in the microcirculation. Boland EJ, et al. **Adv Exp Med Biol** 1984;180:251-9

Angiotensin II receptor binding sites in brain microvessels. Speth RC, et al. **Proc Natl Acad Sci USA** 1985 Sep; 82(18):6340-3

[Mathematical model of the dynamics of transport of inert gases in the microcirculatory system] Kisliakov Iula, et al. **Biofizika** 1985 Jan-Feb;30(1):137-40 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Microscopic changes of endothelial cells in blood vessels of people died in shock. Nikulin A, et al. **Acta Med Iugosl** 1984;38(4):255-67

A histological study on microthrombi in autopsy cases of DIC. Kojima M, et al. **Bibl Haematol** 1983;(49):95-106

[Microcirculation disorder in chronic obstructive lung disease and clinical observation on the therapeutic effect of 'blood circulation activation and thrombosis removal'] Li SS. **Chung Hsi I Chieh Ho Tsa Chih** 1984 May;4(5):273-5 **(Chi)**

[Sclerodermal microangiopathy: a cause or a consequence?] Fiessinger JN, et al. **Ann Med Interne (Paris)** 1984; 135(8):591-3 (Eng. Abstr.) **(Fre)**

[Effect of hypodynamia on the hemomicrocirculatory bed of the triceps muscle and brachial fascia in the rat] Nikitin MV, et al. **Arkh Anat Gistol Embriol** 1984 Oct;87(10):14-20 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Microcirculatory mass transfer. Lightfoot EN, et al. **Adv Exp Med Biol** 1984;180:13-33

A grating laser microscope for measurements of blood flow velocity in microvessels. Koyama T, et al. **Biorheology** 1984;Suppl 1:131-4

Effects of anesthesia on the spontaneous activity of the microvasculature. Colantuoni A, et al. **Int J Microcirc Clin Exp** 1984;3(1):13-28

Flow behaviour of rigid red blood cells in the microcirculation. Driessen GK, et al. **Int J Microcirc Clin Exp** 1984;3(2):197-210

Theory and experiment for the effect of vascular microstructure on surface tissue heat transfer--Part II: Model formulation and solution. Jiji LM, et al. **J Biomech Eng** 1984 Nov;106(4):331-41

Theory and experiment for the effect of vascular microstructure on surface tissue heat transfer--Part I: Anatomical foundation and model conceptualization. Weinbaum S, et al. **J Biomech Eng** 1984 Nov;106(4):321-30

Ingelheim workshop series on precapillary vessels, part III. **J Cardiovasc Pharmacol** 1985;7 Suppl 3:S1-215

[Application of a solid-state image sensor for measuring erythrocyte velocity in microvessels] Fukushima T, et al. **Iyodenshi To Seitai Kogaku** 1984 Oct;22(6):447-50 (Eng. Abstr.) **(Jpn)**

[Reaction of mesenteric microcirculation during functional hyperemia of the intestine] Pawlik WW, et al. **Folia Med Cracov** 1984;25(1-2):29-41 (Eng. Abstr.) **(Pol)**

PHYSIOPATHOLOGY

Microvascular pressure, flow, and resistance in spontaneously hypertensive rats. Roy JW, et al. **Hypertension** 1984 Nov-Dec;6(6 Pt 1):877-86

Microvascular effects of anaphylatoxins C3a and C5a. Björk J, et al. **J Immunol** 1985 Feb;134(2):1115-9

Rheology of sickle cells and the microcirculation [editorial] Chien S. **N Engl J Med** 1984 Dec 13;311(24):1567-9

Periodic microcirculatory flow in patients with sickle-cell disease. Rodgers GP, et al. **N Engl J Med** 1984 Dec 13; 311(24):1534-8

Effect of common carotid occlusion on beta-adrenergic receptor function in cerebral microvessels. Magnoni MS, et al. **Stroke** 1985 May-Jun;16(3):505-9

[Nail-fold and tongue-tip microcirculation in children with acute glomerulonephritis and treatment with huo xue hua yu] Li G. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Nov; 4(11):669-71, 643 (Eng. Abstr.) **(Chi)**

[Conjunctival and renal surface microcirculation changes in shock rabbits] Tao GM. **Chung Hua I Hsueh Tsa Chih** 1984 Jun;64(6):375-9 **(Chi)**

[Functional relations between microcirculation and oxygen supply (physiologic peculiarities in polarographic pO2 measurement in tissue)] Ernst FD. **Z Gesamte Inn Med** 1985 May 1;40(9):249-56 (Eng. Abstr.) **(Ger)**

[Photoangiotensiotonography as a method of studying microcirculation] Karpik AI, et al. **Kardiologiia** 1984 Nov; 24(11):120-2 **(Rus)**

[Microcirculation and arteriosclerosis in chronic diffuse glomerulonephritis] Nenasheva TM. **Ter Arkh** 1984; 56(7):33-7 (Eng. Abstr.) **(Rus)**

[Relations between microcirculation and central hemodynamics and the physical work capacity of patients with hypertension] Tsikulin AE. **Ter Arkh** 1984; 56(12):58-60 (Eng. Abstr.) **(Rus)**

[Indicators of central hemodynamics and microcirculation and their interrelations in patients with iron deficiency anemia] Volkov VS, et al. **Ter Arkh** 1984;56(11):46-8 **(Rus)**

[Microcirculatory disorders in patients with abdominal typhoid] Zul'pukarova NM. **Ter Arkh** 1984;56(12):100-2 (Eng. Abstr.) **(Rus)**

[Methods of studying the rheological properties of blood and microcirculation in surgery and transfusiology] Golovin GV, et al. **Vestn Khir** 1984 Nov;133(11):145-9 **(Rus)**

[Peripheral circulation in deforming arthrosis] Kotel'nikov VP. **Vestn Khir** 1984 Aug;133(8):64-7 (Eng. Abstr.) **(Rus)**

[Methodological aspects of studying microcirculation in cardiological surgery] Uglov FG, et al. **Vestn Khir** 1984 Nov;133(11):3-9 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

The effects of radiation therapy in microvascular anastomoses. Fried MP. **Laryngoscope** 1985 Jul;95(7 Pt 2 Suppl 37):1-33

RADIOGRAPHY

How to make superb microangiograms at reasonable X-ray exposures. Myers B, et al. **Plast Reconstr Surg** 1985 Sep; 76(3):469-71

RADIONUCLIDE IMAGING

Assessment of skin ulcer healing capability by technetium-99m phosphate angiogram and blood-pool images. Alazraki N, et al. **J Nucl Med** 1985 Jun; 26(6):586-91

SURGERY

Experimental microvascular sleeve anastomoses. Gulyás G, et al. **Acta Chir Hung** 1984;25(4):209-18

Microvascular repair following local crush and avulsion vascular injury. Cooley BC, et al. **Microsurgery** 1985; 6(1):46-8

[Anatomy, function and healing process after anastomosis of microvascular wall] Gu YD. **Chung Hua Wai Ko Tsa Chih** 1984 Apr;22(4):245-8 **(Chi)**

[Comparative study of 3 implanted micrografts placed in the abdominal aorta of the rat] Chevalier JM, et al. **J Mal Vasc** 1985;10(1):17-29 (Eng. Abstr.) **(Fre)**

TRANSPLANTATION

[Autogenous microarterial and microvenous grafting in rats--patency rates and morphologic observations] Wang P. **Chung Hua Wai Ko Tsa Chih** 1984 Jun;22(6):329-31, 381 (Eng. Abstr.) **(Chi)**

ULTRASTRUCTURE

alpha-Adrenergic receptors in cerebral microvessels of normotensive and spontaneously hypertensive rats. Kobayashi H, et al. **Circ Res** 1985 Mar;56(3):402-9

Scanning electron microscopic studies on the microvascular system of the spleen in the rat, cat, dog, pig, horse and cow. Seki A, et al. **Nippon Juigaku Zasshi** 1985 Apr; 47(2):237-49

Sequential microdissection and scanning electron microscopy of ciliary microvascular castings. Morrison JC, et al. **Scan Electron Microsc** 1984;(Pt 2):857-65

Review of scanning electron and light microscopic methods in microcirculation research and their application in pancreatic studies. Ohtani O. **Scan Electron Microsc** 1984; (Pt 2):653-61

A simple method for mass embedment of microvessels for cross sectioning. Purdy-Ramos SI, et al. **Stain Technol** 1984 Jul;59(4):243

[Morphofunctional changes in microvessels of the stomach and pancreas in early periods following selective vagotomy] Lopushenko OZ, et al. **Vrach Delo** 1985 Jun; (6):56-8 **(Rus)**

MICROCLIMATE see under **CLIMATE**

MICROCOCCACEAE

New species definitions in phages of gram-positive cocci. Ackermann HW, et al. **Intervirology** 1984;22(4):181-90

ANALYSIS

Effects of temperature and sodium chloride concentration on the phospholipid and fatty acid compositions of a halotolerant Planococcus sp. Miller KJ. **J Bacteriol** 1985 Apr;162(1):263-70

CLASSIFICATION

[Stomatococcus mucilaginosus: cultural and biochemical properties of 100 strains isolated from the ORL area] Baldellon C, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):213-26 (Eng. Abstr.) **(Fre)**

ISOLATION & PURIFICATION

Etiologic importance of coagulase-negative Micrococcaceae isolated from blood cultures. Hansen BG. **Acta Pathol Microbiol Immunol Scand [B]** 1985 Feb; 93(1):1-6

Characterization of Micrococcaceae strains isolated from the human urogenital tract by the conventional scheme and a micromethod. Baldellon C, et al. **J Clin Microbiol** 1985 Mar;21(3):474-7

[Microorganisms of the fam. Micrococcaceae in the production and storage of prepackaged veal] Donzo M, et al. **Vet Med Nauki** 1985;22(5):37-42 (Eng. Abstr.) **(Bul)**

MICROCOCCAL NUCLEASE

Formation of single-stranded regions in the course of digestion of DNA with DNAase II and micrococcal nuclease. Galcheva-Gargova Z, et al. **Arch Biochem Biophys** 1985 Jul;240(1):464-9

ANALYSIS

Identification of a heat-labile cellular nuclease in Staphylococcus aureus with properties similar to the extracellular nuclease (EC 3.1.4.7). Vakil BV, et al. **Arch Microbiol** 1984 Oct;139(2-3):240-4

Relationships among the results of coagulase, staphylococcal toxin, and thermonuclease tests on staphylococci from cow milk. Jasper DE, et al. **J Clin Microbiol** 1985 Apr; 21(4):582-4

Thermonuclease test for same-day identification of Staphylococcus aureus in blood cultures. Ratner HB, et al. **J Clin Microbiol** 1985 Jun;21(6):995-6

BIOSYNTHESIS

[Production of coagulase and thermonuclease in 366 strains of staphylococci belonging to different lyogroups] Pannelli F, et al. **Boll Ist Sieroter Milan** 1985;64(2):115-8 (Eng. Abstr.) **(Ita)**

GENETICS

Genetic analysis of staphylococcal nuclease: identification of three intragenic 'global' suppressors of nuclease-minus mutations. Shortle D, et al. **Genetics** 1985 Aug; 110(4):539-55

Secretion of staphylococcal nuclease by Bacillus subtilis. Kovacevic S, et al. **J Bacteriol** 1985 May;162(2):521-8

ISOLATION & PURIFICATION

Anomalous nuclease digestion of Holothuria sperm chromatin containing histone H1 variants. Azorin F, et al. **Eur J Biochem** 1985 May 2;148(3):529-32

METABOLISM

In vitro rabbit mammary gland chromatin replication studied by micrococcal nuclease digestion. Kleczkowska D, et al. **Acta Biochim Pol** 1984;31(3):307-16

Distribution of 5-methyldeoxycytidine in products of staphylococcal nuclease digestion of nuclei and purified DNA. Barr FG, et al. **Biochemistry** 1985 Mar 12; 24(6):1424-8

Translation in micrococcal nuclease-treated cell-free extracts from Ehrlich ascites tumor cells. Stimulation by initiation factor eIF-2B. Person A, et al. **Biochim Biophys Acta** 1984 Nov 22;783(2):152-7

Changes in nuclease sensitivity of mammalian cells after irradiation with 60Co gamma-rays. Takahashi K, et al. **Int J Radiat Biol** 1985 Sep;48(3):389-95

The ompA signal peptide directed secretion of Staphylococcal nuclease A by Escherichia coli. Takahara M, et al. **J Biol Chem** 1985 Mar 10;260(5):2670-4

Studies on nuclease digestion of chromatin phosphorylated in vivo. West MH, et al. **J Biol Chem** 1985 Apr 25; 260(8):4558-60

PHARMACODYNAMICS

Effects of cycloheximide, alpha-amanitin, and alpha-difluoromethylornithine on thyrotropin-induced increases in the micrococcal nuclease sensitivity of thyroid nuclear chromatin. Fucile NW, et al. **Endocrinology** 1984 Nov;115(5):1705-9

Preferential nuclease digestion of the non-messenger sequences of HnRNA upon micrococcal nuclease digestion of HnRNP particles. Pironcheva GL, et al. **Microbios** 1984; 41(164):91-6

Differential scanning calorimetry of nuclei reveals the loss of major structural features in chromatin by brief nuclease treatment. Touchette NA, et al. **Proc Natl Acad Sci USA** 1985 May;82(9):2642-6

[Residual structures revealed after the action of staphylococcal nuclease on decondensed metaphase chromosomes] Nasedkina TV, et al. **Tsitologiia** 1984 Jun; 26(6):648-51 (Eng. Abstr.) **(Rus)**

MICROCOCCUS

Prosthetic valve endocarditis due to methicillin-resistant Staphylococcus epidermidis and Micrococcus species successfully treated with rifampicin combined with other antibiotics. Colebunders R, et al. **J Infect** 1985 Jul; 11(1):35-9

ANALYSIS

The phosphate diester linkage of the peptidoglycan polysaccharide moieties of Micrococcus lysodeikticus cell wall. Nasir-ud-Din, et al. **J Biol Chem** 1985 Aug 25; 260(18):9981-7

CLASSIFICATION

[Stomatococcus mucilaginosus: cultural and biochemical properties of 100 strains isolated from the ORL area] Baldellon C, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):213-26 (Eng. Abstr.) **(Fre)**

DRUG EFFECTS

[The effect of nitrofurans on the membrane apparatus of coccal bacteria] Kutsmako RT, et al. **Prikl Biokhim Mikrobiol** 1984 Nov-Dec;20(6):798-803 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Topography in relation to activity of the F1-ATPase of Micrococcus lysodeikticus (M. luteus): a study using trypsin digestion and hydrophobic interaction chromatography. Pivel JP, et al. **J Appl Biochem** 1985 Feb;7(1):25-32

Hydrophobic interaction chromatography of Micrococcus lysodeikticus F1-ATPase. A method to detect conformational flexibility of the molecule. Pivel JP, et al. **J Biochem Biophys Methods** 1984 Dec;10(3-4):211-9

Photoaffinity cross-linking of the coupling factor 1 from Micrococcus luteus by 3'-arylazido-8-azido-ATP. Schäfer HJ, et al. **J Biol Chem** 1984 Dec 25;259(24):15301-6

Hexaprenylpyrophosphate synthetase of Micrococcus luteus B-P 26. Fujii H, et al. **Methods Enzymol** 1985;110:192-8

Geranylpyrophosphate synthetase-geranylgeranylpyrophosphate synthetase from Micrococcus luteus. Sagami H, et al. **Methods Enzymol** 1985;110:188-92

Nonaprenylpyrophosphate synthetase from Micrococcus luteus. Sagami H, et al. **Methods Enzymol** 1985;110:206-9

Investigation of restriction-modification enzymes from M. varians RFL19 with a new type of specificity toward modification of substrate. Butkus V, et al. **Nucleic Acids Res** 1985 Aug 26;13(16):5727-46

Excision of uracil residues in DNA: mechanism of action of Escherichia coli and Micrococcus luteus uracil-DNA glycosylases. Delort AM, et al. **Nucleic Acids Res** 1985 Jan 25;13(2):319-35

[Catalase and superoxide dismutase activity in isogenous bacterial strains with different degrees of radioresistance] Vasil'eva EI, et al. **Biol Nauki** 1984;(9):30-3 (Eng. Abstr.) **(Rus)**

[Specific binding of fluorescein bimercuric acetate by histidine decarboxylase from Micrococcus] Gonchar NA, et al. **Vopr Med Khim** 1984;30(6):94-7 (Eng. Abstr.) **(Rus)**

GENETICS

The plasmids of Deinococcus spp. and the cloning and restriction mapping of the D. radiophilus plasmid pUE1. Mackay MW, et al. **Arch Microbiol** 1985 Feb;141(1):91-4

A Z-DNA binding protein isolated from D. radiodurans. Kitayama S, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1294-300

Cloning of the DNA repair genes mtcA, mtcB, uvsC, uvsD, uvsE and the leuB gene from Deinococcus radiodurans. Al-Bakri GH, et al. **Gene** 1985;33(3):305-11

Identification and initial characterisation of a pyrimidine dimer UV endonuclease (UV endonuclease beta) from Deinococcus radiodurans; a DNA-repair enzyme that requires manganese ions. Evans DM, et al. **Mutat Res** 1985 May;145(3):119-28

GROWTH & DEVELOPMENT

Bacterial growth in artificial capillary spaces. Bomar MT. **Experientia** 1984 Nov 15;40(11):1291-3

IMMUNOLOGY

Idiotypic manipulations: hierarchy in idiotype expression in rabbits immunized against Micrococcus luteus. Wikler M, et al. **Mol Immunol** 1984 Oct;21(10):929-37

ISOLATION & PURIFICATION

[6 cases with chronic lower airway infection due to Branhamella catarrhalis assessed by transtracheal aspiration--with special reference to polymicrobial infection] Sawaki M, et al. **Kansenshogaku Zasshi** 1984 Jun; 58(6):477-82 (Eng. Abstr.) **(Jpn)**

[Comparative study of 4 methods used for the differentiation of the genera Staphylococcus and Micrococcus] Garcia ML, et al. **Microbiol Esp** 1984 Jul-Dec;37(3-4):81-8 (Eng. Abstr.) **(Spa)**

METABOLISM

Characterization of three intermediates in the biosynthesis of teichuronic acid of Micrococcus luteus. Johnson GL, et al. **Arch Biochem Biophys** 1984 Dec;235(2):679-91

Respiratory control in Micrococcus lysodeikticus. Rosenberg M, et al. **J Bioenerg Biomembr** 1984 Feb;16(1):61-8

RADIATION EFFECTS

[Genetic control of the processes of postradiation repair of a compact chromosome in Micrococcus radiodurans cells] Kudriashova NIu, et al. **Radiobiologiia** 1984 Sep-Oct; 24(5):603-6 (Eng. Abstr.) **(Rus)**

MICROCOCCUS DENITRIFICANS see **PARACOCCUS DENITRIFICANS**

MICROCOCCUS PYOGENES see **STAPHYLOCOCCUS AUREUS**

MICROCOMPUTERS see under **COMPUTERS**

MICROELECTRODES

A microelectrode for measuring intracellular pH. Nair PK, et al. **Adv Exp Med Biol** 1984;180:881-6

Viewing the kidney through microelectrodes. Frömter E. **Am J Physiol** 1984 Nov;247(5 Pt 2):F695-705

An array of microelectrodes to stimulate and record from cardiac cells in culture. Israel DA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H669-74

Ca2+-selective microelectrodes. Ammann D. **Cell Calcium** 1985 Apr;6(1-2):39-55

Measurement of intracellular calcium ion activity with neutral exchanger ion sensitive microelectrodes. Fozzard HA, et al. **Cell Calcium** 1985 Apr;6(1-2):57-68

Plastic pH electrodes for the measurement of gastrointestinal pH. Rawlings JM, et al. **Gut** 1985 Feb;26(2):203-7

Laser-induced fabrication of a transsubstrate microelectrode array and its neurophysiological performance. Kim SJ, et al. **IEEE Trans Biomed Eng** 1985 Jul;32(7):497-502

Single-unit pH-sensitive double-barreled microelectrodes for extracellular use. Javaheri S, et al. **J Appl Physiol** 1984 Sep;57(3):907-12

An electrochemical method for determination of cell respiration. Riedel K, et al. **J Basic Microbiol** 1985; 25(1):51-6

Effects of elastase and collagenase on microelectrode impalements in canine atria at different ages. Woods WT Jr. **J Mol Cell Cardiol** 1984 Sep;16(9):843-50

Theory and operation of a single microelectrode voltage clamp. Finkel AS, et al. **J Neurosci Methods** 1984 Jun; 11(2):101-27

A technique for microiontophoretic study of single neurones in the behaving monkey. Perrett DI, et al. **J Neurosci Methods** 1985 Feb;12(4):289-95

Continuous measurement of pentylenetetrazol concentration by a liquid ion exchanger microelectrode. Walden J, et al. **J Neurosci Methods** 1984 Aug;11(3):187-92

Simultaneous monitoring of electrochemical and unitary neuronal activities by a single carbon fiber microelectrode. Ikeda M, et al. **Jpn J Pharmacol** 1985 Mar;37(3):303-5

Measurement of intracellular free calcium with Ca2+-selective microelectrodes: problems and techniques. Lee CO, et al. **KROC Found Ser** 1984;17:157-68

Neutral carrier sodium ion-selective microelectrode for extracellular studies. Ammann D, et al. **Neurosci Lett** 1985 Jun 24;57(3):267-71

Simultaneous monitoring of voltammetric and ion-selective electrodes in mammalian brain. Nagy G, et al. **Neurosci Lett** 1985 Apr 9;55(2):119-24

[K+-selective microelectrodes--construction, calibration and intracellular K+ activity measurement] Takagi M, et al. **Masui** 1984 Jul;33(7):740-6 (Eng. Abstr.) **(Jpn)**

[Enzyme-tip sensor] Karube I. **Tanpakushitsu Kakusan Koso** 1985 Apr;30(4):277-84 (22 ref.) **(Jpn)**

STANDARDS

Performance evaluation of recessed microcathodes: criteria for tissue PO2 measurement. Crawford DW, et al. **J Appl Physiol** 1985 Apr;58(4):1400-5

MICROFILAMENT PROTEINS

ANALYSIS

Glial filaments are a major brain fraction in infantile neuronal ceroid-lipofuscinosis. Paetau A, et al. **Acta Neuropathol (Berl)** 1985;65(3-4):190-94

A set of actin-filament associated proteins characterized by quantitative two-dimensional gel electrophoresis. Garrels JI, et al. **Adv Exp Med Biol** 1985;182:223-30

The role of actin-binding proteins vinculin, filamin, and fibronectin in intracellular and intercellular linkages in cardiac muscle. Koteliansky VE, et al. **Adv Myocardiol** 1985;5:215-21

Isolation of microvillar microfilaments and associated transmembrane complex from ascites tumor cell microvilli. Carraway CA, et al. **Exp Cell Res** 1985 Mar;157(1):71-82

Ultrastructural localization of alpha-actinin and filamin in cultured cells with the immunogold staining (IGS) method. Langanger G, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1324-34

Sensitive visualization of antigen-antibody reactions in dot and blot immune overlay assays with immunogold and immunogold/silver staining. Moeremans M, et al. **J Immunol Methods** 1984 Nov 30;74(2):353-60

Arthrin: a new actin-like protein in insect flight muscle. Bullard B, et al. **J Mol Biol** 1985 Apr 5;182(3):443-54

Reduction of filamin in late passage human diploid fibroblasts (IMR-90). Kelley RO, et al. **Mech Ageing Dev** 1985 Apr; 30(1):79-98

Regulation of the microfilament system in normal and polyoma virus transformed cultured (BHK) cells. Koffer A, et al. **Tissue Cell** 1985;17(2):147-59

Immunohistochemical evaluation of factor VIII related antigen, filament proteins and lectin binding in haemangiomas. Hosaka M, et al. **Virchows Arch [A]** 1985; 407(3):237-47

BIOSYNTHESIS

Translational activity of mRNA coding for cytoskeletal brain proteins in newborn and adult mice: a comparative study. Darmon MC, et al. **J Neurochem** 1985 Jun;44(6):1672-8

BLOOD

Effect of GSH depletion by 1-chloro-2,4-dinitrobenzene on human platelet aggregation, arachidonic acid oxidative metabolism and cytoskeletal proteins. Bosia A, et al. **Thromb Res** 1985 Feb 1;37(3):423-34

IMMUNOLOGY

Antibodies to intermediate filament proteins in the diagnosis and classification of human tumors. Miettinen M, et al. **Ultrastruct Pathol** 1984;7(2-3):83-107 (207 ref.)

ISOLATION & PURIFICATION

Association of fodrin with brain microtubules. Fach BL, et al. **Can J Biochem Cell Biol** 1985 May;63(5):372-81

Structural study on liver gelactin. Gruda J, et al. **Can J Biochem Cell Biol** 1984 Nov;62(11):1072-5

A monovalent cation-sensitive actin-binding factor in a myeloid leukemia cell line. Nagata K, et al. **Cell Struct Funct** 1985 Jun;10(2):105-20

A Ca2+-sensitive actin regulatory protein from smooth muscle. Kanno K, et al. **FEBS Lett** 1985 May 20; 184(2):202-6

Paratropomyosin: a new myofibrillar protein that modifies the actin-myosin interaction in postrigor skeletal muscle. I. Preparation and characterization. Takahashi K, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1043-51

Purification and characterization of an F-actin-bundling 55-kilodalton protein from HeLa cells. Yamashiro-Matsumura S, et al. **J Biol Chem** 1985 Apr 25; 260(8):5087-97

Purification of a high molecular weight actin filament gelation protein from Acanthamoeba that shares antigenic determinants with vertebrate spectrins. Pollard TD. **J Cell Biol** 1984 Dec;99(6):1970-80

Microvillus 110K-calmodulin: effects of nucleotides on isolated cytoskeletons and the interaction of the purified complex with F-actin. Verner K, et al. **J Cell Biol** 1985 May;100(5):1455-65

METABOLISM

Phosphorylation of fodrin (nonerythroid spectrin) by the purified insulin receptor kinase. Kadowaki T, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):493-500

Spatial distribution of cortical proteins in cells of epithelial sheets. Opas M, et al. **Cell Tissue Res** 1985;239(2):451-4

Lens fodrin binds actin and calmodulin. Green J, et al. **Curr Eye Res** 1984 Dec;3(12):1433-40

Barbed end-capping protein regulates polarity of actin filaments from the human erythrocyte membrane. Tsukita S, et al. **Exp Cell Res** 1985 May;158(1):280-5

Changes in K+,Na+-sensitive actin gelation factor during the differentiation of myeloid leukemia cells. Takagi K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):605-16

Human plasma gelsolin binds to fibronectin. Lind SE, et al. **J Biol Chem** 1984 Nov 10;259(21):13262-6

A T-lymphoma transmembrane glycoprotein (gp180) is linked to the cytoskeletal protein, fodrin. Bourguignon LY, et al. **J Cell Biol** 1985 Aug;101(2):477-87

Identification and localization of immunoreactive forms of caldesmon in smooth and nonmuscle cells: a comparison with the distributions of tropomyosin and alpha-actinin. Bretscher A, et al. **J Cell Biol** 1985 May;100(5):1656-63

Alpha-actinin from sea urchin eggs: biochemical properties, interaction with actin, and distribution in the cell during fertilization and cleavage. Mabuchi I, et al. **J Cell Biol** 1985 Feb;100(2):375-83

Gelsolin, a Ca2+-dependent actin-binding protein in a hamster insulin-secreting cell line. Nelson TY, et al. **J Clin Invest** 1985 Mar;75(3):1015-22

Binding of calmodulin to the microfilament network correlates with induction of a macrophage tumoricidal response. Mecham JO, et al. **J Immunol** 1985 May; 134(5):3516-23

Specific interaction between phosphatidylinositol 4,5-bisphosphate and profilactin. Lassing I, et al. **Nature** 1985 Apr 4-10;314(6010):472-4

A gelsolin-like Ca2+-dependent actin-binding domain in villin. Matsudaira P, et al. **Nature** 1985 May 16-22; 315(6016):248-50

Reorganization of alpha-fodrin induced by stimulation in secretory cells. Perrin D, et al. **Nature** 1985 Jun 13-19; 315(6020):589-92

Purification and characterization of caldesmon77: a calmodulin-binding protein that interacts with actin filaments from bovine adrenal medulla. Sobue K, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):5025-9

PHARMACODYNAMICS

Calcium dependence of villin-induced actin depolymerization. Walsh TP, et al. **Biochemistry** 1984 Dec 4;23(25):6099-102

Plasma gelsolin caps and severs actin filaments. Harris HE, et al. **FEBS Lett** 1984 Nov 19;177(2):184-8

Potentiation of actomyosin ATPase activity by filamin. Sosinski J, et al. **FEBS Lett** 1984 Dec 10;178(2):311-4

Dual effect of filamin on actomyosin ATPase activity. Dabrowska R, et al. **J Muscle Res Cell Motil** 1985 Feb; 6(1):29-42

PHYSIOLOGY

Actin and actin-associated proteins. Hatano S. **Cell Struct Funct** 1984 Jul;9 Suppl:s67-72

Paratropomyosin: a new myofibrillar protein that modifies the actin-myosin interaction in postrigor skeletal muscle. II. Distinct function from tropomyosin. Nakamura F, et al. **J Biochem (Tokyo)** 1985 Apr;97(4):1053-9

Effects of macrophage profilin on actin in the presence and absence of acumentin and gelsolin. DiNubile MJ, et al. **J Biol Chem** 1985 Jun 25;260(12):7402-9

Skeleton key to memory? [news] Burns NR. **Nature** 1985 Jan 17-23;313(5999):178-9

Regulation of glutamate receptor binding by the cytoskeletal protein fodrin. Siman R, et al. **Nature** 1985 Jan 17-23; 313(5999):225-8

F-actin capping proteins. Maruta H, et al. **Prog Clin Biol Res** 1984;164:355-64

MICROFILAMENTS see **CYTOPLASMIC FILAMENTS**

MICROFILARIA see under **FILARIOIDEA**

MICROFILMING

INSTRUMENTATION

Reversible subacute ethylene glycol monomethyl ether toxicity associated with microfilm production: a case report. Cohen R. **Am J Ind Med** 1984;6(6):441-6

[Microfilms and capitalization of graphic, radiographic and transparent 16 mm format images] Carpenet P, et al. **Ann Radiol (Paris)** 1985;28(1):80-3 (Eng. Abstr.) **(Fre)**

MICROFLUOROMETRY, FLOW see **FLOW CYTOMETRY**

MICROGNATHISM

Cerebrocostomandibular syndrome. Case report and literature review. Smith KG, et al. **Clin Pediatr (Phila)** 1985 Apr;24(4):223-5

COMPLICATIONS

Micrognathia, obstructive sleep apnoea and cor pulmonale--a case for tracheostomy. Khan MI. **S Afr Med J** 1985 Jan 19;67(3):99-100

FAMILIAL & GENETIC

Hydrolethalus syndrome in consecutive African siblings. Adetoro OO, et al. **Pediatr Radiol** 1984;14(6):422-4

Trisomy 20 mosaicism. Miny P, et al. **Prenat Diagn** 1984 Nov-Dec;4(6):411-9

[Dysplasia of the corneal limbus, the mesodermal iris layer and the jaw skeleton in a family] Piper HF, et al. **Klin Monatsbl Augenheilkd** 1985 Apr;186(4):287-93 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Assessment of pharyngeal airway stability in normal and micrognathic infants. Roberts JL, et al. **J Appl Physiol** 1985 Jan;58(1):290-9

SURGERY

[Correction of micrognathism by graduated mandibular osteotomy and hip-bone graft] Urmösi J, et al. **Fogorv Sz** 1985 May;78(5):153-8 **(Hun)**

THERAPY

Congenital micrognathia and microglossia: an experimental approach to treatment. Boraz RA, et al. **ASDC J Dent Child** 1985 Jan-Feb;52(1):62-4

MICROINJECTIONS

INSTRUMENTATION

Glass micropipettes suitable for injection of liquid into intact skeletal muscle fibers. Scanning electron microscopic study of some characteristics. Lopez JR, et al. **Acta Cient Venez** 1984;35(1):83-4

METHODS

Microinjection of macromolecules into leukemic cells by cell fusion technique: search for intracellular growth-suppressive factors. Ozawa K, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):257-63

Microinjection of somatic cells with micropipettes: comparison with other transfer techniques. Celis JE. **Biochem J** 1984 Oct 15;223(2):281-91 (61 ref.)

Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs. Brinster RL, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4438-42

MICROINTERFEROMETRY see **MICROSCOPY, INTERFERENCE**

MICROMANIPULATION

INSTRUMENTATION

Micromanipulation. Hiramoto Y. **Cell Struct Funct** 1984 Jul; 9 Suppl:s139-44

A removable head-mounted microdrive for unit recording in the free-behaving rat. Pager J. **Physiol Behav** 1984 Nov; 33(5):843-8

[Micromanipulatory sperm injection. A new method in the treatment of infertile men?] Metka M, et al. **Gynakol Rundsch** 1985;25(2):96-105 **(Ger)**

[Micromanipulatory sperm injection--a new method in the treatment of infertile males] Metka M, et al. **Wien Med Wochenschr** 1985 Feb 15;135(3):55-9 (Eng. Abstr.) **(Ger)**

[An exclusive shaker for adherence at microcarrier on animal cells] Yonezawa Y, et al. **Tanpakushitsu Kakusan Koso** 1984 Oct;29(10):830-2 **(Jpn)**

METHODS

[Possibilities for the use of micromanipulation on bovine embryos under field conditions] Görlach A, et al. **DTW** 1985 Jan 6;92(1):10-1 (Eng. Abstr.) **(Ger)**

VETERINARY

[Production of chimeras by embryo microsurgery and their possible application in cattle breeding] Kräusslich H, et al. **Tierarztl Prax** 1985;Suppl 1:50-7 (Eng. Abstr.) **(Ger)**

MICROMONOSPORA

DRUG EFFECTS

Ribosomal resistance in the gentamicin producer organism Micromonospora purpurea. Piendl W, et al. **Antimicrob Agents Chemother** 1982 Aug;22(2):231-6

ENZYMOLOGY

Growth and cellulase production of Micromonospora chalcae and Pseudonocardia thermophila. Malfait M, et al. **Ann Microbiol (Paris)** 1984 Jul-Aug;135B(1):79-89

Characterization in Micromonospora inyoensis of aminoglycoside acetyltransferase activity not previously encountered among actinomycetes. Salas JA, et al. **J Gen Microbiol** 1985 Mar;131 (Pt 3):451-7

GENETICS

Genetic experiments on sisomicin production by Micromonospora rosea. Gadó I, et al. **Genet Res** 1985 Jun; 45(3):341-4

A plasmid of the sisomicin producer Micromonospora inyoensis. Parag Y, et al. **J Antibiot (Tokyo)** 1984 Sep; 37(9):1082-4

GROWTH & DEVELOPMENT

Morphological characteristics of colony development in Micromonospora chalcea. Suarez JE, et al. **J Bacteriol** 1985 Jun;162(3):1342-4

ISOLATION & PURIFICATION

[Isolation and regeneration of Micromonospora olivoasterospora protoplasts] Trenin AS, et al. **Antibiotiki** 1984 Aug;29(8):572-5 (Eng. Abstr.) **(Rus)**

METABOLISM

Biosynthesis of astromicin and related antibiotics. II. Biosynthetic studies with blocked mutants of Micromonospora olivasterospora. Odakura Y, et al. **J Antibiot (Tokyo)** 1984 Dec;37(12):1670-80

Occurrence of gentamicin-producing micromonosporae in Lake Balaton (W. Hungary). Szabó Z. **Z Allg Mikrobiol** 1984;24(9):649-53

PHYSIOLOGY

Involvement of 16S ribosomal RNA in resistance of the aminoglycoside-producers Streptomyces tenjimariensis, Streptomyces tenebrarius and Micromonospora purpurea. Piendl W, et al. **MGG** 1984;197(1):24-9

MICROMONOSPORACEAE

IMMUNOLOGY

Humoral response of cattle to aerosolized Micropolyspora faeni. Gershwin LJ, et al. **Am J Vet Res** 1984 Oct; 45(10):2135-42

Quantitation and localization of immunoglobulin E containing cells in bovine lymphoid tissues. Gershwin LJ, et al. **Vet Immunol Immunopathol** 1985 Jul;9(3):213-20

[A fatal case of farmer's lung: a study of specific classes of antibodies in the serum and broncho-alveolar lavage] Gari M, et al. **Rev Mal Respir** 1985;2(1):11-4 (Eng. Abstr.) **(Fre)**

MICROPHTHALMOS

COMPLICATIONS

Juvenile iridoschisis and microphthalmos. Summers CG, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):437-9

Nanophthalmos associated with cryptorchidism. Barad RF, et al. **Ann Ophthalmol** 1985 May;17(5):284-6, 288

Bilateral nanophthalmos, pigmentary retinal dystrophy, and angle closure glaucoma--a new syndrome? Ghose S, et al. **Br J Ophthalmol** 1985 Aug;69(8):624-8

DIAGNOSIS

Microphthalmia--prenatal ultrasonic diagnosis: a case report. Feldman E, et al. **Prenat Diagn** 1985 May-Jun;5(3):205-7

EMBRYOLOGY

Fusion disability of embryonic osteoclast precursor cells and macrophages in the microphthalmic osteopetrotic mouse. Thesingh CW, et al. **Bone** 1985;6(1):43-52

ETIOLOGY

The induction of microphthalmia, encephalocele, and other head defects following hyperthermia during the gastrulation process in the rat. Webster WS, et al. **Teratology** 1985 Feb;31(1):73-82

FAMILIAL & GENETIC

[Colobomatous microphthalmos with cyst and 4 P-syndrome] Baudet D, et al. **Bull Soc Ophtalmol Fr** 1984 Jan;84(1):67-8 (Eng. Abstr.) **(Fre)**

[Meyer-Schwickerath syndrome with microphthalmia] Novotný L, et al. **Klin Monatsbl Augenheilkd** 1984 Oct; 185(4):282-5 (Eng. Abstr.) **(Ger)**

PHYSIOPATHOLOGY

Hyperplastic primary vitreous with microphthalmos and ocular communicating orbital cyst. Hall DL. **Ann Ophthalmol** 1984 Sep;16(9):876-8

RADIOGRAPHY

Microphthalmos with cyst: clinical presentations and computed tomographic findings. Weiss A, et al. **J Pediatr Ophthalmol Strabismus** 1985 Jan-Feb;22(1):6-12

REHABILITATION

'Thanks again, Harvey' [letter] Durham DG. **Ophthalmic Surg** 1984 Oct;15(10):875

THERAPY

[Medico-surgical problems posed by congenital microphthalmos. Apropos of 97 cases] Kissel C, et al. **Bull Soc Ophtalmol Fr** 1984 Mar;84(3):275-6, 278 (Eng. Abstr.) **(Fre)**

MICROPORE FILTERS

The use of phospholipid-impregnated millipore filters for recording nonelectrogenic cation flows in the presence of Men+/nH+ exchangers. Antonenko YN, et al. **Anal Biochem** 1984 Aug 1;140(2):468-71

Direct enumeration of milk somatic cells collected on membrane filters. Sedinová V, et al. **Arch Exp Veterinarmed** 198[illegible] Nov;38(6):884-93

Evaluation of the thrombogenicity of selected microporous oxygenator membranes. Knight PM, et al. **Artif Organs** 1985 Feb;9(1):28-36

Recent progress in improving data processing in filtration measurements. Teitel P, et al. **Biorheology** 1984;Suppl 1:231-40

Selection of B16 melanoma cells with increased metastatic potential and low intercellular cohesion using Nuclepore filters. Tullberg KF, et al. **Invasion Metastasis** 1985; 5(1):1-15

Integrity testing of microfiltration membranes. Hofmann F. **J Parenter Sci Technol** 1984 Jul-Aug;38(4):148-59

Comparison of methods for the detection of microfilariae of Wuchereria bancrofti in Western Samoa. Kimura E, et al. **Southeast Asian J Trop Med Public Health** 1984 Jun; 15(2):167-74

[Growth kinetics of Escherichia coli and Saccharomyces cerevisiae cultured on membrane filters] Mafart P, et al. **Ann Inst Pasteur Microbiol** 1985 Mar-Apr;136A(2):247-59 (Eng. Abstr.) **(Fre)**

[A sorption microfilter for blood transfusions] Beliakov NA, et al. **Med Tekh** 1984 Jul-Aug;(4):24-7 (Eng. Abstr.) **(Rus)**

STANDARDS

A study of the efficiency of four blood microfilters. Mollah AH, et al. **Anaesthesia** 1984 Oct;39(10):1018-22

MICRORADIOGRAPHY

Photography of microradiography. Kerimian GA, et al. **J Biol Photogr** 1985 Jul;53(3):89-91

X-ray microscopy using computerized axial tomography. Elliott JC, et al. **J Microsc** 1985 Jun;138 (Pt 3):329-31

[Microradiographic aspects of massive bone allografts in man] Coutelier L, et al. **Rev Chir Orthop** 1984;70(8):581-8 (Eng. Abstr.) **(Fre)**

[Reaction of bones to silicone rubber implants. Results of histology, microradiography and polychrome sequence labeling] Feldmeier C, et al. **Unfallheilkunde** 1984 Sep; 87(9):380-3 (Eng. Abstr.) **(Ger)**

[Analysis of sialograms: microradiograms of mouse parotid glands with reduced saliva excretion] Kurabayashi T. **Kokubyo Gakkai Zasshi** 1985 Mar;52(1):72-93 (Eng. Abstr.) **(Jpn)**

HISTORY

[Outline of the development of microradiographic studies] Gregorczyk A. **Wiad Lek** 1984 Oct 1;37(19):1517-21 (38 ref.) (Eng. Abstr.) **(Pol)**

INSTRUMENTATION

Developments in contact X-ray microscopy in biomedical research. Davies RL, et al. **J Microsc** 1985 Jun;138 (Pt 3):293-300

METHODS

Application of an x-ray image magnifier to the microradiography of dental specimens. Takagi S, et al. **J Dent Res** 1985 Jun;64(6):866-9

Microradiography using a noncommercially constructed Grenz ray unit. Conlogue GJ, et al. **Radiol Technol** 1984 Nov-Dec;56(2):85-8

[Microautoradiographic method permitting the study of migration of 99m-technetium labelled leukocytes] Colas-Linhart N, et al. **C R Acad Sci [III]** 1985; 300(10):413-6 (Eng. Abstr.) **(Fre)**

VETERINARY

[Microradiographic serial studies of ribs in adult dogs] Dämmrich K, et al. **Berl Munch Tierarztl Wochenschr** 1985 May 1;98(5):149-54 (Eng. Abstr.) **(Ger)**

MICROSCOPY

Application of optical diffractometry for analysis of the morphological structure of cells and tissue. Dziedzic-Goclawska A, et al. **Arch Ital Anat Embriol** 1984 Apr-Jun;89(2):85-113

New views of cell and tissue cytoarchitecture: embedment-free electron microscopy and biochemical analysis. Fey EG, et al. **Hepatology** 1985 Jan-Feb; 5(1):152-8

The application of microdentistry in fixed prosthodontics. Chou TM, et al. **J Prosthet Dent** 1985 Jul;54(1):36-42

[Does conjunctival biomicroscopy enable one to assess the microcirculatory activity of buflomedil?] Maurel A, et al. **J Mal Vasc** 1985;10 Suppl A:176-7 **(Fre)**

HISTORY

Hartsoeker's homonculus: a corrective note. Hill KA. **J Hist Behav Sci** 1985 Apr;21(2):178-9

John Shaw Billings [letter] Cummings MM, et al. **Science** 1984 Nov 23;226(4677):912

[The scalpel versus the microscope, Auguste Comte and the cell theory] Stanguennec A. **Pubbl Stn Zool Napoli [II]** 1984;6(2):171-82 **(Fre)**

INSTRUMENTATION

An adjustable microscope stand [letter] Pyliotis NA, et al. **Acta Cytol (Baltimore)** 1985 May-Jun;29(3):500

Biomicroscopic examination of the ocular fundus with a +60-diopter lens. Lundberg C. **Am J Ophthalmol** 1985 Apr 15;99(4):490-1

Retinal detachment surgery with the OPMI-6 surgical microscope. Arciniegas A. **Ann Ophthalmol** 1985 Jun; 17(6):334-5

A new version of the 10-microns chamber and its use for semen analysis with inverted microscope. Makler A. **Arch Androl** 1984;13(2-3):195-7

Near-UV radiation from the operating microscope and pseudophakic cystoid macular edema. Jampol LM, et al. **Arch Ophthalmol** 1985 Jan;103(1):28-30

A time-lapse, image digitization videomicroscope system based on a mini computer with large peripheral memory. Turano TA, et al. **Comput Biol Med** 1985;15(4):177-85

IOMSG microscope report 1984. Bigar F. **Dev Ophthalmol** 1985;11:5-11

Microscope objectives and cytopathology screening--another viewpoint [letter] Gill GW, et al. **Hum Pathol** 1984 Nov;15(11):1100-1

Measurement of ciliary beat frequency using high-speed video microscopy. Dresdner RD, et al. **ISA Trans** 1985; 24(1):33-8

Operating microscope light-induced retinal injury: mechanisms, clinical manifestations, and preventive measures. Colvard DM. **J Am Intraocul Implant Soc** 1984 Fall;10(4):438-43

A micro-chamber for continuous microscopic monitoring of anaerobic bacteria. Eley A, et al. **J Appl Bacteriol** 1985 Mar;58(3):327-31

Enter the barefoot microscopist. Andersson N. **J Audiov Media Med** 1985 Jul;8(3):111-2

The use of conference microscopes for teaching histology. Powell GL, et al. **J Dent Educ** 1984 Oct;48(10):566-7

A simple chamber for observing microscopic specimens in both top and side views. Boocock CA, et al. **J Microsc** 1985 Jan;137 (Pt 1):29-34

A simple motor controller for computer-assisted microscopy. Capowski JJ, et al. **J Neurosci Methods** 1985 Apr; 13(2):97-102

Digital temperature controller for low-temperature light microscopy. Rosenthal M, et al. **Med Biol Eng Comput** 1984 Sep;22(5):471-4

A new microscopic system for the continuous observation of the coronary microcirculation in the beating canine left ventricle. Ashikawa K, et al. **Microvasc Res** 1984 Nov; 28(3):387-94

New ways with microscopes [news] Maddox J. **Nature** 1985 May 16-22;315(6016):177

A new zoom illumination system for constant image brightness at all magnification in the surgical operating microscope. Forster B. **Neurosurg Rev** 1984;7(2-3):109-10

Zeiss operating microscopes for neurosurgery. Krampe C. **Neurosurg Rev** 1984;7(2-3):89-97

Surgical operating microscopes, series M 600 from WILD Heerbrugg Ltd. Müntener J. **Neurosurg Rev** 1984; 7(2-3):103-7

Counterbalance system for the Zeiss operating microscope head. Miller GW, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):280-2

A teflon culture dish for high-magnification microscopy and measurements in single cells. Ince C, et al. **Pflugers Arch** 1985 Mar;403(3):240–4

Asymmetric illumination contrast: a method of image formation for video light microscopy. Kachar B. **Science** 1985 Feb 15;227(4688):766–8

A simple and inexpensive method of making grids (reticles) for light microscopic morphometry. The TG, et al. **West Indian Med J** 1984 Jun;33(2):117–9

[A light conducting oxygen microelectrode for intravital transmission microscopy] von Ardenne M, et al. **Z Med Lab Diagn** 1984;25(7):367–71 (Eng. Abstr.) **(Ger)**

[Transparent chamber for vital microscopy] Stebel'skii SE, et al. **Arkh Anat Gistol Embriol** 1984 Jul;87(7):88–90 **(Rus)**

[The Struktura apparatus for stereometric research] Lushnikov EF, et al. **Arkh Patol** 1985;47(3):76–7 (Eng. Abstr.) **(Rus)**

[Construction of a handmade ocular micrometer from Goriaev's camera] Zaleskii MG. **Lab Delo** 1984;(11):694–5 **(Rus)**

[Television microscopes for analyzing biological micro-objects] Danilov VA. **Med Tekh** 1984 Jul–Aug;(4):19–24 (Eng. Abstr.) **(Rus)**

[Improvements in the OM-2 operating microscope model 178] Postrash VA, et al. **Oftalmol Zh** 1984;(8):502–3 **(Rus)**

METHODS

A new method of determining the cell density from a corneal specular micrograph. Davanger M, et al. **Acta Ophthalmol (Copenh)** 1984 Dec;62(6):919–22

Adaptor for low-power projection of eye sections. Wolter JR. **Am J Ophthalmol** 1985 Jan 15;99(1):88–9

Wide-field endothelial counting panels. Yee RW, et al. **Am J Ophthalmol** 1985 May 15;99(5):596–7

High-resolution automated microscopy [editorial] Kendall P jr. **Anal Quant Cytol** 1985 Mar;7(1):4–5

High resolution automated microscopy [editorial] Koss LG. **Anal Quant Cytol** 1985 Mar;7(1):2–3

Laser Doppler microscopy. Johnson RP. **Biochem Soc Trans** 1984 Aug;12(4):635–7

'The Yellow IRIS' urinalysis workstation—the first commercial application of 'automated intelligent microscopy'. Deindoerfer FH, et al. **Clin Chem** 1985 Sep;31(9):1491–9

Nailfold capillary microscopy: a new technique for finger systolic pressure measurement. Priollet P, et al. **Clin Exp Rheumatol** 1984 Jul–Sep;2(3):217–20

A comparison of different focus functions for use in autofocus algorithms. Groen FC, et al. **Cytometry** 1985 Mar;6(2):81–91

Distribution of calcium during interphase and mitosis as observed by ion microscopy. Chandra S, et al. **J Histochem Cytochem** 1984 Nov;32(11):1224–30

Stereological estimation of the volume-weighted mean volume of arbitrary particles observed on random sections. Gundersen HJ, et al. **J Microsc** 1985 May;138 (Pt 2):127–42

Digital image tiles: a method for the processing of large sections. Silage DA, et al. **J Microsc** 1985 May;138 (Pt 2):221–7

A method for microscopic studies of cerebral angioarchitecture and vascular-parenchymal relationships, based on the demonstration of 'paravascular' fluid pathways in the mammalian central nervous system. Gregory TF, et al. **J Neurosci Methods** 1985 Jun;14(1):5–14

Light microscopic depth measurements of thick sections. Harris RM. **J Neurosci Methods** 1985 Jul;14(2):97–100

Infrared video microscopy to visualize neurons in the in vitro brain slice preparation. MacVicar BA. **J Neurosci Methods** 1984 Dec;12(2):133–9

Simple method for measurement of distance and length under the operating microscope. Terayama Y, et al. **Laryngoscope** 1984 Dec;94(12 Pt 1):1616–7

Digital microscopy. Bartels PH, et al. **Monogr Clin Cytol** 1984;9:28–61 (79 ref.)

Color specular microscopy of disorders involving the corneal epithelium. Wong S, et al. **Ophthalmology** 1984 Oct;91(10):1176–83

Versatile temperature controlled tissue bath for studies of isolated cells using an inverted microscope. Datyner NB, et al. **Pflugers Arch** 1985 Mar;403(3):318–23

Acoustic microscopy—principles and applications in the studies of biomaterial microstructure. Hafsteinsson H, et al. **Scan Electron Microsc** 1984;(Pt 3):1237–47

Direct imaging of live human platelets by flash x-ray microscopy. Feder R, et al. **Science** 1985 Jan 4;227(4682):63–4

[Quantitative analysis of the microscopic image] Juliš I, et al. **Cas Lek Cesk** 1985 Jan 25;124(4):118–9 (Eng. Abstr.) **(Cze)**

[Observation of the vocal fold tissue by means of acoustic microscopy—artifacts of ECG albumin on the acoustic image and their detection] Inoue Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Sep;87(9):1120–5 (Eng. Abstr.) **(Jpn)**

[An acoustic microscope designed for observing the vocal fold tissue] Kakita Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1984 Dec;87(12):1702–6 (Eng. Abstr.) **(Jpn)**

[Use of galascorbin as a fixative of histological material for light and electron microscopy] Shavrin VA, et al. **Arkh Patol** 1985;47(3):73–6 (Eng. Abstr.) **(Rus)**

[Contact microscopy of the skin in dermatological practice] Kolpakov FI, et al. **Vestn Dermatol Venerol** 1985 Apr;(4):18–20 (Eng. Abstr.) **(Rus)**

MICROSCOPY, ELECTRON

Electron microscopy in cytology [editorial] Koss LG. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):195–6

Cytoplasmic inclusions in hepatocytes of bone marrow transplant patients: light and electron microscopic characterization. Zubair I, et al. **Am J Clin Pathol** 1985 Jan;83(1):65–8

Microwave energy fixation for electron microscopy. Login GR, et al. **Am J Pathol** 1985 Aug;120(2):230–43

Immunoelectron-microscopic localization of Tac antigen in adult T-cell leukemia/lymphoma. Shamoto M, et al. **Am J Pathol** 1985 Jun;119(3):513–6

Immunoferritin electron microscopic studies with antibasophil serum of guinea pig basophil degranulation and regranulation in vitro. Dvorak AM, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):63–76

Tri-national meeting on electron microscopy 1985. Konstanz, 15–21 September 1985. Abstracts. **Eur J Cell Biol [Suppl]** 1985;(10):1–79

Electron microscopy can be used to measure DNA supertwisting. Sperrazza JM, et al. **Gene** 1984 Nov;31(1–3):17–22

New views of cell and tissue cytoarchitecture: embedment-free electron microscopy and biochemical analysis. Fey EG, et al. **Hepatology** 1985 Jan–Feb;5(1):152–8

Electron microscopy in surgical pathology [letter] Wolfson WL. **Hum Pathol** 1985 Jun;16(6):650

Electron microscopy as a tool for scientific illustrators. Mann MJ, et al. **J Biocommun** 1985 May 12(2):8–14

The twenty-ninth symposium of the Japanese Society of Electron Microscopy. Matsumoto, Japan, October 7-8, 1983. 200kV transmission electron microscopy. Abstracts. **J Electron Microsc (Tokyo)** 1984;33(1):78–92

Correlative immunofluorescence and electron microscopy on the same section of epon-embedded material. Rieder CL, et al. **J Histochem Cytochem** 1985 Feb;33(2):165–71

The application of electron microscopy in the evaluation of two- to four cell human embryos cultured in vitro for embryo transfer. Trounson A, et al. **J In Vitro Fert Embryo Transfer** 1984 Sep;1(3):153–65

Choosing the appropriate section thickness in the melamine embedding technique. Frösch D, et al. **J Microsc** 1985 Feb;137 (Pt 2):177–83

Formaldehyde and glutaraldehyde in the fixation of chromatin for electron microscopy. Sewell BT, et al. **J Microsc** 1984 Oct;136 (Pt 1):103–12

Improved method for isolating synaptosomes from 11 regions of one rat brain: electron microscopic and biochemical characterization and use in the study of drug effects on nerve terminal gamma-aminobutyric acid in vivo. Löscher W, et al. **J Neurochem** 1985 Sep;45(3):879–89

Progress in element analysis on a high-voltage electron microscope. Tivol WF, et al. **Scan Electron Microsc** 1985;(Pt 1):455–66

A glass knife tool for cutting 50-micron sections for electron microscopic cytochemistry. McAuliffe WG. **Stain Technol** 1985 Sep;60(5):310–2

Electron microscopic and x-ray microanalytic evaluation of cardiac valve bioprostheses. DiDio LJ. **Tokai J Exp Clin Med** 1983 Nov;8(4):301–6

The 'quasi-thermal' mechanism for electron beam damage of n-paraffins. Dorset DL, et al. **Ultramicroscopy** 1984;13(3):305–10

Preparation of frozen-hydrated specimens for high resolution electron microscopy. Jaffe JS, et al. **Ultramicroscopy** 1984;13(4):373–7

Detection of X-rays and electron energy loss events in time coincidence. Kruit P, et al. **Ultramicroscopy** 1984;13(3):205–14

Hazards related to EM-laboratory instrumentation. Johansen BV. **Ultrastruct Pathol** 1984;7(2–3):219–25

[Use of colloidal gold in ultrastructural cytochemistry] Raška I, et al. **Cesk Patol** 1985 Feb;21(1):28–37 (Eng. Abstr.) **(Cze)**

[Quantitative particle determination in electron microscopy] Holl U, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):923–43 (Eng. Abstr.) **(Ger)**

[Electron microscopic diagnosis in dermatology] Klug H. **Dermatol Monatsschr** 1985;171(2):73–84 (Eng. Abstr.) **(Ger)**

[Differential diagnosis of tumors of the head and neck using immunohistologic and electron optic studies] Vollrath M, et al. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):475–82 (Eng. Abstr.) **(Ger)**

[The cellular concept in internal medicine] Laschi R, et al. **Recenti Prog Med** 1985 Mar;76(3):154–7 **(Ita)**

[Recirculation in ischemic focus in the acute stage. Electron microscopical examination] Watanabe T, et al. **Neurol Med Chir (Tokyo)** 1985 Feb;25(2):81–8 (Eng. Abstr.) **(Jpn)**

[Immune electron microscopy in the study of biological matter] Kretova AF, et al. **Mol Biol (Mosk)** 1985 Mar–Apr;19(2):349–58 (Eng. Abstr.) **(Rus)**

HISTORY

The development of electron microscopy. Peven DR, et al. **Arch Pathol Lab Med** 1985 Jul;109(7):683–91

INSTRUMENTATION

Usefulness of a scanning laser stimulated luminescence (SLSL) system for electron microscopy—a new image recording system. Ichihara S, et al. **J Electron Microsc (Tokyo)** 1984;33(3):255–7

Vacuum grid box for TEM samples. Imura T. **J Electron Microsc (Tokyo)** 1984;33(1):76–7

Double staining available for stereoscopic observation of epoxy resin quetol 812-embedded semi-thin sections under the 200 kV transmission electron microscope. Kushida H, et al. **J Electron Microsc (Tokyo)** 1984;33(2):191–4

A simple microcentrifugation tube for electron microscopy. Outenreath RL, et al. **Stain Technol** 1985 Jan;60(1):56–8

Simple apparatus for the rough trimming of electron microscope specimen blocks. Townshend JL, et al. **Stain Technol** 1985 Mar;60(2):117–8

A simple device for staining electron microscopy grids. Håkonsen MB, et al. **Ultrastruct Pathol** 1984;7(4):335–7

[Micrometric in situ marking apparatus for an object on a microscope grid. Application of observation of serial sections] Jésior JC, et al. **Biol Cell** 1984;51(3):399–402 (Eng. Abstr.) **(Fre)**

METHODS

Improved transmission electron microscopy technique for the study of cytologic material. Hultgren S, et al. **Acta Cytol (Baltimore)** 1985 Mar–Apr;29(2):179–83

An improved method for electron microscopic observation of cerebrospinal fluid cells. Kaps M, et al. **Acta Cytol (Baltimore)** 1985 May–Jun;29(3):484–6

Photoelectron imaging in cell biology. Griffith OH, et al. **Annu Rev Biophys Biophys Chem** 1985;14:113–30 (29 ref.)

Neutron microscopy. The low-damage imaging of specialized organic materials. Steinbach A. **Cell Biophys** 1985 Mar;7(1):1–29 (78 ref.)

A new method of preparing gold probes for multiple-labeling cytochemistry. Slot JW, et al. **Eur J Cell Biol** 1985 Jul;38(1):87–93

The cytoplasmic filament system in critical point-dried whole mounts and plastic-embedded sections. Ris H. **J Cell Biol** 1985 May;100(5):1474–87

Representation of three-dimensionally reconstructed objects in electron microscopy by surfaces of equal density. Radermacher M, et al. **J Microsc** 1984 Oct;136 (Pt 1):77–85

The application of cobalt labelling to electron microscopic investigations of serial sections. Antal M. **J Neurosci Methods** 1984 Nov;12(1):69–77

A rapid method for reprocessing paraffin sections for diagnostic electron microscopy. Ngai HK, et al. **J Pathol** 1985 Jan;145(1):59–62

Comparative immunoelectron microscopy with monoclonal antibodies on yellow fever virus-infected cells: pre-embedding labelling versus immunocryoultramicrotomy. Gelderblom HR, et al. **J Virol Methods** 1985 Mar;10(3):225–39

Pseudoreplica electron microscopy for the detection of rotavirus: comparison with high-speed centrifugation electron microscopy and ELISA. El-Mekki A, et al. **J Virol Methods** 1984 Aug;9(1):79–85

Positive desmosome staining in the uranaffin reaction [letter] deMent SH, et al. **Lab Invest** 1985 Apr;52(4):462–3

A 'free-floating' technique for re-processing paraffin sections for electron microscopy. Yau WL, et al. **Med Lab Sci** 1985 Jan;42(1):26–9

High-voltage electron microscopy of capillary endothelial vesicles. Wagner RC, et al. **Microvasc Res** 1984 Sep;28(2):197–205

Further studies on the immunoelectronmicroscopic localization of polysaccharide antigens on ultra-thin sections of Candida albicans. Takamiya H, et al. **Mykosen** 1985 Jan;28(1):17–32

Immunophotoelectron microscopy: the electron optical analog of immunofluorescence microscopy. Birrell GB, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(1):109–13

Radial distributions of density within macromolecular complexes determined from dark-field electron micrographs. Steven AC, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6363–7

The potential role of photoelectron microscopy in the analysis of biological surfaces. Griffith OH, et al. **Scan Electron Microsc** 1984;(Pt 2):633–44

Molecular resolution electron micrographs of monolamellar paraffin crystals. Zemlin F, et al. **Science** 1985 Aug 2;229(4712):461–2

Methods for specimen thickness determination in electron microscopy. Berriman J, et al. **Ultramicroscopy** 1984;13(4):351–64

Three-dimensional molecular shape determination from a limited number of projections. Cusack S, et al. **Ultramicroscopy** 1985;16(2):203–12

An HVEM for high resolution low-dose studies of biomacromolecules. Pawley J. **Ultramicroscopy** 1984;13(4):387–405

A cold stage for the Philips EM300 electron microscope. Taylor KA, et al. **Ultramicroscopy** 1984;13(3):185–90

Rapid deparaffinization for electron microscopy. van den Bergh Weerman MA, et al. **Ultrastruct Pathol** 1984;

7(1):55-7

Immunoelectron microscopy of amylase in the human parotid gland. Ultrastructural localization by use of both the protein A-gold and the biotin-avidin-gold technique. Zimmer KP, et al. **Virchows Arch [A]** 1984;404(2):187-96

Animal DNA viruses analyzed by colour electron microscopy. Manolescu N, et al. **Virologie** 1984 Jul-Sep; 35(3):187-91

[Studies on intraglomerular immunoglobulins in various types of glomerulonephritis--immuno-electron microscopic observations (electron-immuno-peroxidase method)] Uraoka Y. **Nippon Jinzo Gakkai Shi** 1985 Feb;27(2):139-55 (Eng. Abstr.) **(Jpn)**

[Use of galascorbin as a fixative of histological material for light and electron microscopy] Shavrin VA, et al. **Arkh Patol** 1985;47(3):73-6 (Eng. Abstr.) **(Rus)**

STANDARDS

Estimates of validity of projection approximation for three-dimensional reconstructions at high resolution. Cohen HA, et al. **Ultramicroscopy** 1984;14(3):219-26

A crystalline test specimen for checking the performance of high-resolution electron microscopes. Scholz R, et al. **Ultramicroscopy** 1984;13(4):407-14

TRENDS

Electron microscopy. Nagano T. **Cell Struct Funct** 1984 Jul; 9 Suppl:s135-8

MICROSCOPY, ELECTRON, SCANNING

Studies on the structure of bovine factor V by scanning transmission electron microscopy. Mosesson MW, et al. **Blood** 1985 May;65(5):1158-62

Tissue cultures of benign and malignant fibrous histiocytomas: SEM observations. Oku T, et al. **J Cutan Pathol** 1984 Dec;11(6):534-40

Cherry hemangioma: an SEM study. Sala F, et al. **J Cutan Pathol** 1984 Dec;11(6):531-3

Scanning electron microscopy and X-ray microprobe analysis in detection of acetylcholinesterase in cultured embryonal carcinoma cells. Rechardt L, et al. **J Histochem Cytochem** 1984 Nov;32(11):1154-8

Systematic inquiry in tests of negative/positive replica combinations for SEM. Bromage TG. **J Microsc** 1985 Feb; 137 (Pt 2):209-16

Critical-point drying versus freeze drying for scanning electron microscopy: a quantitative and qualitative study on isolated hepatocytes. Nordestgaard BG, et al. **J Microsc** 1985 Feb;137 (Pt 2):189-207

Low voltage scanning electron microscopy. Pawley J. **J Microsc** 1984 Oct;136 (Pt 1):45-68

Sterile shunt malfunction. A scanning electron microscopic perspective. Gower DJ, et al. **J Neurosurg** 1984 Dec; 61(6):1079-84

The forensic scanning electron microscope. Keeley R. **Med Leg J** 1984;52 (Pt 4):211-26

Scanning electron-microscopic study of Silastic scleral sponges. Bartley GB, et al. **Retina** 1985 Winter-Spring; 5(1):42-6

Applications of scanning electron microscopy and X-ray microanalysis in inner ear pathology. Anniko M, et al. **Scan Electron Microsc** 1985;(Pt 1):345-55

Safety in the scanning electron microscopy laboratory--1984 update. Barber VC. **Scan Electron Microsc** 1984;(Pt 4):1719-22

Scanning electron microscopy in retinal research. Borwein B. **Scan Electron Microsc** 1985;(Pt 1):279-301 (160 ref.)

The possibilities of using the scanning electron microscope for the study of sensory corpuscles. Malinovský L, et al. **Z Mikrosk Anat Forsch** 1984;98(4):621-30

[Methods of preparing various tissues for scanning electron microscopy] Wenzel M, et al. **Z Mikrosk Anat Forsch** 1984; 98(5):705-20 (Eng. Abstr.) **(Ger)**

METHODS

The value of graphic reconstructions--comparison with scanning electron microscopy. Wenink AC, et al. **Anat Rec** 1984 Nov;210(3):537-40

An S.E.M. corrosion cast study on pericyte localization and role in microcirculation of skeletal muscle. Gaudio E, et al. **Angiology** 1985 Jul;36(7):458-64

Application of a backscattered electron image to immunocytochemistry in freeze-cracked tissues. Ushiki T, et al. **Arch Histol Jpn** 1984 Nov;47(5):553-7

A methodological basis for SEM autoradiography: biosynthesis and radioligand binding. Cheng G, et al. **J Microsc** 1985 Jan;137 (Pt 1):9-16

Flash X-ray microscopy with a gas jet plasma source. Feder R, et al. **J Microsc** 1984 Sep;135 (Pt 3):347-51

Laser scanning microscopy of surface spread polytene chromosomes. Kalisch WE, et al. **J Microsc** 1985 Feb;137 (Pt 2):217-24

Determination of surface topography of biological specimens at high resolution by scanning tunnelling microscopy. Baró AM, et al. **Nature** 1985 May 16-22;315(6016):253-4

Scanning electron microscopy of human leukocytes. de Harven E, et al. **Scan Electron Microsc** 1984;(Pt 2):773-82

Scanning electron microscopy of vascular corrosion casts--technique and applications. Lametschwandtner A, et al. **Scan Electron Microsc** 1984;(Pt 2):663-95 (551 ref.)

Scanning electron microscopy methodology for study of the pathophysiology of calcification in bioprosthetic heart valves. Nelson AC, et al. **Scan Electron Microsc** 1985;(Pt 1):209-13

Scanning electron microscopy of acellular glomeruli in human glomerulonephritis: application of a technique. Bonsib SM. **Ultrastruct Pathol** 1984;7(2-3):215-7

[Desiccation of composite fillings for scanning electron microscopic studies--a methodological study] Roulet JF, et al. **Schweiz Monatsschr Zahnmed** 1984 Oct; 94(10):1049-60 (Eng. Abstr.) **(Fre)**

MICROSCOPY, ELECTRON, X-RAY MICROANALYSIS see ELECTRON PROBE MICROANALYSIS

MICROSCOPY, FLUORESCENCE

Fluorescence microscopical hybridocytochemistry. Bauman JG. **Acta Histochem [Suppl] (Jena)** 1985;31:9-18

Digital imaging fluorescence microscopy: spatial heterogeneity of photobleaching rate constants in individual cells. Benson DM, et al. **J Cell Biol** 1985 Apr; 100(4):1309-23

Distribution of hematoporphyrin derivative in the rat 9l gliosarcoma brain tumor analyzed by digital video fluorescence microscopy. Boggan JE, et al. **J Neurosurg** 1984 Dec;61(6):1113-9

Primary fluorescence of rat muscle after CO2 laser thermal injury. Giordano PA, et al. **Lasers Surg Med** 1984; 4(3):271-8

[Influence of drying times on the smeared blood in fluorescence microscopic detection of basophilic stippled erythrocytes and its application to a provocation method] Yoshiba S, et al. **Nippon Eiseigaku Zasshi** 1985 Feb; 39(6):873-85 (Eng. Abstr.) **(Jpn)**

INSTRUMENTATION

[Universal microspectrofluorimetric set for cytology studies] Golovatskii AS, et al. **Arkh Anat Gistol Embriol** 1984 Nov; 87(11):93-7 **(Rus)**

METHODS

Photomicrography of weakly fluorescent objects--employment of p-phenylene diamine as a blocker of fading. Storz H, et al. **Acta Histochem (Jena)** 1984; 75(2):133-9

Videomicroscopic method for direct determination of blood flow to the papilla of the kidney. Jamison RL, et al. **Ann Biomed Eng** 1985;13(3-4):273-80

Detection, enumeration, and sizing of planktonic bacteria by image-analyzed epifluorescence microscopy. Sieracki ME, et al. **Appl Environ Microbiol** 1985 Apr;49(4):799-810

An improved mounting medium for immunofluorescence microscopy [letter] Balaton AJ, et al. **Arch Pathol Lab Med** 1985 Feb;109(2):108

Effect of planar dielectric interfaces on fluorescence emission and detection. Evanescent excitation with high-aperture collection. Burghardt TP, et al. **Biophys J** 1984 Dec; 46(6):729-37

Mitochondrial fluorescence patterns in rhodamine 6G-stained myocardial cells in vitro. Analysis by real-time computer video microscopy and laser microspot excitation. Berns MW, et al. **Cell Biophys** 1984 Dec;6(4):263-77

Intravital fluorescence microscopy for the study of blood-brain-barrier function. Wahl M, et al. **Int J Microcirc Clin Exp** 1985;4(1):3-18

Topography of cell-glass apposition revealed by total internal reflection fluorescence of volume markers. Gingell D, et al. **J Cell Biol** 1985 Apr;100(4):1334-8

A new direct fluorescent method for protease histochemistry, using amino-styryl-quinoline as leaving group. Garrett JR, et al. **J Microsc** 1984 Oct;136 (Pt 1):RP1-2

Detection of impervious tissue in tree bark with selective histochemistry and fluorescence microscopy. Biggs AR. **Stain Technol** 1985 Sep;60(5):299-304

New application of catecholamine fluorescence histochemistry using glyoxylic acid for diagnosis of Hirschsprung's disease by rectal biopsy. Tsuto T, et al. **Z Kinderchir** 1984 Aug;39(4):250-2

MICROSCOPY, INTERFERENCE

[Interference contrast microscopy of the anterior eye segment in contact lens wearers] Poss W, et al. **Fortschr Ophthalmol** 1984;81(4):315-7 (Eng. Abstr.) **(Ger)**

METHODS

Microscopic investigation of structure and function in living epithelial tissues. DiBona DR, et al. **Fed Proc** 1985 Aug; 44(11):2693-703 (43 ref.)

MICROSCOPY, PHASE CONTRAST

[Use of phase-contrast microscopy for differentiating sources of hematuria] Li JZ. **Chung Hua Nei Ko Tsa Chih** 1984 Nov;23(11):688-91 (Eng. Abstr.) **(Chi)**

[Urinary sediment in acute renal insufficiency. Diagnostic and prognostic value of phase-contrast microscopic examination] Bouffet E, et al. **Presse Med** 1984 Oct 27; 13(38):2307-10 (Eng. Abstr.) **(Fre)**

[Use of the phase-contrast microscope in the study of hematuria] Cuéllar-Cabrera H, et al. **Bol Med Hosp Infant Mex** 1985 Mar;42(3):175-8 (Eng. Abstr.) **(Spa)**

METHODS

New observations on cell architecture and dynamics by video-enhanced contrast optical microscopy. Allen RD. **Annu Rev Biophys Biophys Chem** 1985;14:265-90 (38 ref.)

Automated analysis of living cells through the quantitative use of automated phase contrast microscopy. Beltrame F, et al. **Cell Biophys** 1984 Jun;6(2):103-16

MICROSCOPY, POLARIZATION

[Polarization optical studies of semithin sections] Scheuner G, et al. **Anat Anz** 1985;158(2):199-200 **(Ger)**

METHODS

Circular polarizers enhance visibility of endothelium in specular reflection biomicroscopy. Peli E. **Arch Ophthalmol** 1985 May;103(5):670-2

Identification and detection of in situ cellular and regional differences of lipid composition and class in lipid-rich tissue using hot stage polarizing light microscopy. Waugh DA, et al. **Lab Invest** 1984 Dec;51(6):702-14

Polarization optical analysis of blood cell membranes. Makovitzky J. **Prog Histochem Cytochem** 1984;15(3):1-100 (438 ref.)

MICROSOMES

ANALYSIS

Cysteinyl-cysteine and the microsomal protein from which it is derived act as reducing cofactor for prolyl hydroxylase. Chauhan U, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):277-83

High molecular weight calcium binding protein in the microsome of scallop striated muscle. Maruyama K, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):859-70

The effects of temperature- and oxygen-acclimation on phospholipids of goldfish (Carassius auratus L.) brain microsomes. Chang MC, et al. **Neurochem Res** 1985 Mar; 10(3):355-75

DRUG EFFECTS

Perturbations of sarcolemmal and microsomal enzymes by amphiphilic lipids and drugs. Weglicki WB, et al. **Adv Myocardiol** 1985;6:127-36

The effect of 3-methylindole on superoxide and hydrogen peroxide production and NADPH oxidation by goat lung microsomes. Laegreid WW, et al. **Res Commun Chem Pathol Pharmacol** 1985 Mar; 47(3):387-97

The intestinal monoxygenase enzyme system in DMH-induced rat colonic carcinogenesis. Sandforth F, et al. **Z Gastroenterol** 1984 Oct;22(10):586-91

[Na, K-ATPase activity of the microsomal fraction of the rat brain exposed to insulin] Komissarenko VP, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):31-3 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Comparative inhibition of bacterial and microsomal 3-ketodihydrosphingosine synthetases by L-cycloserine and other inhibitors. Sundaram KS, et al. **Antimicrob Agents Chemother** 1984 Aug;26(2):211-3

Fatty acid chain elongation by microsomal enzymes from the bovine meibomian gland. Anderson GJ, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):177-85

17 beta-hydroxysteroid and 20 alpha-hydroxysteroid dehydrogenase activities of human placental microsomes: kinetic evidence for two enzymes differing in substrate specificity. Blomquist CH, et al. **Arch Biochem Biophys** 1985 May 15;239(1):206-15

Vanadate-dependent NADH oxidation in microsomal membranes of sugar beet. Briskin DP, et al. **Arch Biochem Biophys** 1985 Jan;236(1):228-37

Properties of a microsomal enzyme system from Linum usitatissimum (linen flax) which oxidizes valine to acetone cyanohydrin and isoleucine to 2-methylbutanone cyanohydrin. Cutler AJ, et al. **Arch Biochem Biophys** 1985 Apr;238(1):272-9

Elicitor induction of a microsomal 5-O-(4-coumaroyl)shikimate 3'-hydroxylase in parsley cell suspension cultures. Heller W, et al. **Arch Biochem Biophys** 1985 Sep;241(2):453-60

Nature of the reaction product of [1-14C]stearoyl-CoA elongation by etiolated leek seeding microsomes. Lessire R, et al. **Arch Biochem Biophys** 1985 May 15;239(1):260-9

Structural requirements for specific inhibition of microsomal aminopeptidase by mercaptoamines. Pickering DS, et al. **Arch Biochem Biophys** 1985 Jun;239(2):368-74

Lignoceroyl-CoA ligase activity in rat brain microsomal fraction: topographical localization and effect of detergents and alpha-cyclodextrin. Singh I, et al. **Arch Biochem Biophys** 1985 Jan;236(1):418-26

Catalytic activity and substrate specificity of the flavin-containing monooxygenase in microsomal systems:

characterization of the hepatic, pulmonary and renal enzymes of the mouse, rabbit, and rat. Tynes RE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):77-93

Effect of Fe2+ -induced lipid peroxidation upon microsomal steroidogenic enzyme activities of porcine adrenal cortex. Imataka H, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):657-63

Delta 5-desaturase activity in liver and brain microsomes during development of the pig. Clandinin MT, et al. **Biochem J** 1985 May 1;227(3):1021-3

Characterization of the benzene monooxygenase system in rabbit bone marrow. Gollmer L, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3597-602

Novel microsomal anion-sensitive Mg2+-ATPase activity in rat brain. Inagaki C, et al. **Biochem Pharmacol** 1985 May 15;34(10):1705-12

The phospholipid-N-methyltransferase of rat brain microsomes. Bansal VS, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):73-9

Purification of NADPH-cytochrome c reductase from swine testis microsomes by chromatofocusing and characterization of the purified reductase. Kuwada M, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):45-51

Phorbol esters stimulate phosphatidylcholine biosynthesis by translocation of CTP:phosphocholine cytidylyltransferase from cytosol to microsomes. Pelech SL, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):447-51

Studies on cytochrome P-450 (P-450 17 alpha,lyase) from guinea pig adrenal microsomes. Dual function of a single enzyme and effect of cytochrome b5. Shinzawa K, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):151-60

The role of Mg2+-dependent phosphatidate phosphohydrolase in pulmonary glycerolipid biosynthesis. Walton PA, et al. **Biochim Biophys Acta** 1984 Dec 6; 796(3):364-72

Involvement of phospholipids in the modulation of a membrane-bound brain fucosyltransferase. Serres-Guillaumond M, et al. **Can J Biochem Cell Biol** 1985 Apr;63(4):296-304

Brain microsomal enzyme mediated covalent binding of benzo[a]pyrene to DNA. Das M, et al. **Cancer Lett** 1985 Jan;25(3):343-50

Ouabain-insensitive Na+ stimulation of a microsomal Mg2+ -ATPase in gills of sea bass (Dicentrarchus labrax L.). Borgatti AR, et al. **Comp Biochem Physiol [A]** 1985; 81(1):127-35

Characterization of sheep liver and lung microsomal ethylmorphine N-demethylase. Arinç E. **Comp Biochem Physiol [B]** 1985;80(2):389-99

Carnitine ester hydrolysis in arteries from normal and cholesterol-fed rabbits and the effects of carnitine esters on arterial microsomal ACAT. Bell FP. **Comp Biochem Physiol [B]** 1984;79(2):125-8

Studies on Tetrahymena microsomal electron transport systems: solubilization of microsomal electron transport enzymes involved in fatty acid desaturation. Sasaki N, et al. **Comp Biochem Physiol [B]** 1984;79(2):219-23

Effect of Ni2+ on Ca2+-stimulated adenosine triphosphatase in the microsomal fraction of the rat parotid gland in vitro. Ikeda H. **Comp Biochem Physiol [C]** 1985; 81(1):7-9

Microsomal cytochromes P-450 from marine crabs. Quattrochi LC, et al. **Comp Biochem Physiol [C]** 1984; 79(1):171-6

Steroid sulfatase = aryl sulfatase C? Chromatographic and electrophoretic properties in extracts from placental microsomes and skin fibroblasts. Meyer JC, et al. **Dermatologica** 1984;169(5):305-10

Differences in microsomal steroid metabolism between the inner and outer zones of the guinea pig adrenal cortex. Eacho PI, et al. **Endocrinology** 1985 Feb;116(2):536-41

Microsomal phosphorylase in rat heart: depletion following adrenalectomy and restoration by in vivo administration of dexamethasone. Narayanan N, et al. **Endocrinology** 1985 Oct;117(4):1544-9

Spectral intermediates of prostaglandin hydroperoxidase. Nastainczyk W, et al. **Eur J Biochem** 1984 Oct 15; 144(2):381-5

Partial purification and characterization of an anion-activated ATPase from radish microsomes. Tognoli L. **Eur J Biochem** 1985 Feb 1;146(3):581-8

Epoxygenation of arachidonic acid by rat anterior pituitary microsomal fractions. Capdevila J, et al. **FEBS Lett** 1984 Dec 10;178(2):319-22

Effect of assay temperature on the kinetics of 3-hydroxy-3-methylglutaryl-coenzyme A reductase in rat liver and Morris hepatoma 5123C. Gregg RG, et al. **Int J Biochem** 1985;17(6):707-11

Multiple forms of chicken liver and hepatoma Mc-29 microsomal and plasma-membrane sialyl and fucosyltransferases. Ivanov S, et al. **Int J Biochem** 1984; 16(12):1307-11

Evolution of 3-hydroxy-3-methylglutaryl-CoA reductase and microsomal membrane fluidity throughout chick embryo development. Marco C, et al. **Int J Biochem** 1985; 17(2):271-4

Mammalian signal peptidase: partial purification and general characterization of the signal peptidase from microsomal membranes of porcine pancreas. Fujimoto Y, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1125-31

Purification and characterization of cytochrome P-450 specific for prostaglandin and fatty acid hydroxylase activities from the microsomes of rabbit small intestinal mucosa. Kaku M, et al. **J Biochem (Tokyo)** 1984 Dec; 96(6):1883-91

Multiple forms of cytochrome P-450 in rabbit colon microsomes. Kaku M, et al. **J Biochem (Tokyo)** 1985 Feb; 97(2):663-70

Role of supernatant protein factor and anionic phospholipid in squalene uptake and conversion by microsomes. Chin J, et al. **J Biol Chem** 1984 Oct 10;259(19):11735-8

Modulation of epididymal delta 4-steroid 5 alpha-reductase activity in vitro by the phospholipid environment. Cooke GM, et al. **J Biol Chem** 1985 Jun 25;260(12):7489-95

Mechanisms of detergent effects on membrane-bound (Na+ + K+)-ATPase. Huang WH, et al. **J Biol Chem** 1985 Jun 25;260(12):7356-61

Biosynthesis of platelet activating factor. Substrate specificity of 1-alkyl-2-lyso-sn-glycero-3-phosphocholine:acetyl-CoA acetyltransferase in rat spleen microsomes. Lee TC. **J Biol Chem** 1985 Sep 15;260(20):10952-5

Radiometric analysis of oxidative reactions in aromatization by placental microsomes. Presence of differential isotope effects. Miyairi S, et al. **J Biol Chem** 1985 Jan 10; 260(1):320-5

Enzymatic sulfation of exogenous high molecular weight glycopeptides by microsomal fraction of the rabbit uterine endometrium. Munakata H, et al. **J Biol Chem** 1985 Jun 10;260(11):6851-6

Steroid product-induced, oxygen-mediated damage of microsomal cytochrome P-450 enzymes in Leydig cell cultures. Relationship to desensitization. Quinn PG, et al. **J Biol Chem** 1985 Feb 25;260(4):2092-9

Solubilization and reconstitution of the gastric H,K-ATPase. Rabon E, et al. **J Biol Chem** 1985 Aug 25;260(18):10200-7

Brain dolichyl pyrophosphate phosphatase. Solubilization, characterization, and differentiation from dolichyl monophosphate phosphatase activity. Scher MG, et al. **J Biol Chem** 1984 Dec 10;259(23):14580-5

Purification and properties of an ethanolamine-serine base exchange enzyme of rat brain microsomes. Suzuki TT, et al. **J Biol Chem** 1985 Feb 10;260(3):1394-9

A prostaglandin omega-hydroxylase cytochrome P-450 (P-450PG-omega) purified from lungs of pregnant rabbits. Williams DE, et al. **J Biol Chem** 1984 Dec 10; 259(23):14600-8

Activities of serine palmitoyltransferase (3-ketosphinganine synthase) in microsomes from different rat tissues. Merrill AH Jr, et al. **J Lipid Res** 1985 May;26(5):617-22

Alkenylhydrolase: a microsomal enzyme activity in rat brain. Gunawan J, et al. **J Neurochem** 1985 Feb;44(2):370-5

Renal microsomal N-nitrosodimethylamine demethylase determined by a sensitive radiometric method. Ohno Y, et al. **J Pharmacobiodyn** 1984 Nov;7(11):872-82

Partial characterization of the microsomal and solubilized hypothalamic progesterone 5 alpha-reductase. Bertics PJ, et al. **J Steroid Biochem** 1984 Sep;21(3):305-14

Activation of microsomal cAMP-dependent protein kinase isoenzyme I by ACTH1-24 in bovine adrenal cells. Deviller P, et al. **J Steroid Biochem** 1985 Aug;23(2):133-6

Some characteristics of human adrenal microsomal 21-hydroxylase activity. Gordon MT, et al. **J Steroid Biochem** 1985 Jul;23(1):67-72

Steroid interactions with cytochrome P-450 from testis microsomes. Hales DB, et al. **J Steroid Biochem** 1984 Dec; 21(6):639-42

Increased 3-hydroxy-3-methyl-glutaryl coenzyme A reductase activity in a virilizing adrenal carcinoma. Lehoux JG, et al. **J Steroid Biochem** 1984 Oct;21(4):329-42

Chronic inhalation of diesel exhaust and coal dust: effect of age and exposure on selected enzyme activities associated with microsomal cytochrome P-450 in rat lung and liver. Rabovsky J, et al. **J Toxicol Environ Health** 1984; 14(5-6):655-66

Effect of ammonium glycyrrhizinate on pig kidney microsome Na+, K+-ATPase activity in vitro. Qi ZJ, et al. **J Tradit Chin Med** 1984 Dec;4(4):307-8

Increase in Ca2+ (Mg2+)-ATPase activity induced by a molsidomine derivative (SIN-1 A) and nitroglycerin in microsomal fraction of guinea-pig thoracic aorta. Sugimoto J, et al. **Jpn Circ J** 1984 Oct;48(10):1091-6

Cholesterol acyltransferase. Billheimer JT. **Methods Enzymol** 1985;111:286-93

Dolichol kinase, phosphatase, and esterase activity in calf brain. Sumbilla C, et al. **Methods Enzymol** 1985;111:471-82

Long-chain acyl CoA synthetase in microsomes from rat brain gray matter and white matter. Reddy TS, et al. **Neurochem Res** 1985 Mar;10(3):377-86

Increase in concentrations of prostaglandin endoperoxide synthase and prostacyclin synthase in human myometrium in late pregnancy. Moonen P, et al. **Prostaglandins** 1984 Sep;28(3):309-21

Inhibition of 17 beta-hydroxysteroid dehydrogenase (17 beta-HSD) activities of human placenta by steroids and non-steroidal hormone agonists and antagonists. Blomquist CH, et al. **Steroids** 1984 May;43(5):571-86

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189-99

The measurement of FAD-containing mono-oxygenase activity in microsomes containing cytochrome P-450. Tynes RE, et al. **Xenobiotica** 1984 Jul;14(7):515-20

[The induction of microsomal cytochrome P-450 and its medical consequences] Pfeil D, et al. **Pharmazie** 1985 Apr; 40(4):217-21 (90 ref.) **(Ger)**

[Kinetic properties of nicotinamide adenine dinucleotide phosphate-cytochrome P-450 reductase from porcine adrenal microsomes] Nakajin S, et al. **Yakugaku Zasshi** 1985 Jan;105(1):47-52 (Eng. Abstr.) **(Jpn)**

[Steroid 17 alpha-hydroxylase-C17,20 lyase (cytochrome P-450) from porcine adrenocortical microsomes: inhibition of lyase activity by progesterone and inhibition of hydroxylase activity by 17 alpha-hydroxyprogesterone] Nakajin S, et al. **Yakugaku Zasshi** 1985 Jan;105(1):83-5 (Eng. Abstr.) **(Jpn)**

[Selective accumulation of alkaline phosphatase in the microsomes of human cells cultured in the G0-phase of the cell cycle] Zgurskii AA, et al. **Biokhimiia** 1984 Oct; 49(10):1616-22 (Eng. Abstr.) **(Rus)**

[Differing microsomal monoxygenase activity in the cells of ascitic and solid forms of transplantable tumors] Kiseleva MG, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):232-4 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Labelling and immunoprecipitation of thyroid microsomal antigen. Kajita Y, et al. **FEBS Lett** 1985 Aug 5;187(2):334-8

Diagnostic value of different antiliver/kidney microsome antibodies [letter] Rizzetto M, et al. **Hepatology** 1985 Sep-Oct;5(5):910-11

Expression of the microsomal antigen on the surface of continuously cultured rat thyroid cells is modulated by thyrotropin. Chiovato L, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):12-6

Identification of a thyroid microsomal antigen by Western blot and immunoprecipitation. Hamada N, et al. **J Clin Endocrinol Metab** 1985 Jul;61(1):120-8

The production and characterization of monoclonal antibodies to the human thyroid microsome. Weetman AP, et al. **J Endocrinol** 1985 Apr;105(1):47-52

Anti-liver-kidney microsome antibody recognizes a 50,000 molecular weight protein of the endoplasmic reticulum. Alvarez F, et al. **J Exp Med** 1985 May 1;161(5):1231-6

Antimicrosomal antibodies: comparison of haemagglutination method and immunofluorescence test in routine thyroid diagnostics. Blottner A, et al. **Radiobiol Radiother (Berl)** 1984;25(5):723-7

Determination of thyroid antimicrosomal antibodies by solidphase radioimmunoassay. Lacka K, et al. **Radiobiol Radiother (Berl)** 1984;25(5):729-35

[Studies on the microsomal antigens of Schistosoma japonicum. II. Extraction, fractionation and chemical and immunological properties of microsomal antigens of adult worms] Qiu LS, et al. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(3):147-9 (Eng. Abstr.) **(Chi)**

[Antigenic relation between thyroid peroxidase and the microsomal antigen implicated in auto-immune diseases of the thyroid] Czarnocka B, et al. **C R Acad Sci [III]** 1985; 300(15):577-80 (Eng. Abstr.) **(Fre)**

[Behavior of antithyroglobulin and antimicrosomal antibodies in thyroid pathology] Sussi PL, et al. **Chir Ital** 1984 Aug; 36(4):643-7 (Eng. Abstr.) **(Ita)**

[Changes in antimicrosomal antibody, serum thyroglobulin and thyrotropin binding inhibitor immunoglobulin in a patient with silent thyroiditis who experienced four thyrotoxic episodes] Yamamoto M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Aug 20;60(8):939-49 (Eng. Abstr.) **(Jpn)**

[Radioimmunological method of determining antimicrosomal antibodies] Kosowicz J, et al. **Endokrynol Pol** 1984; 35(4):175-87 (Eng. Abstr.) **(Pol)**

METABOLISM

On malathion binding to tissue macromolecules in the rat. Ma TG, et al. **Acta Acad Med Wuhan** 1985;5(2):97-102

Specific binding of serotonin in rat lung. Das DK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E58-63

High-performance liquid chromatographic determination of aromatization of 16 alpha-hydroxylated androgens with human placental microsomes. Numazawa M, et al. **Anal Biochem** 1985 Apr;146(1):75-81

Characterization and solubilization of an acyl chain elongation system in microsomes of leek epidermal cells. Agrawal VP, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):154-65

Increased microsomal metabolism of n-hexane in rat kidney and liver after inhalation of isopropanol. Zahlsen K, et al. **Arch Toxicol [Suppl]** 1984;7:268-71

Ca2+ release by inositol trisphosphate from Ca2+-transporting microsomes derived from uterine sarcoplasmic reticulum. Carsten ME, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1027-31

Membrane regulation of liver and lung microsomes under low oxygen tension. Casals C, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):551-8

Release of Ca2+ from plant hypocotyl microsomes by inositol-1,4,5-trisphosphate. Drøbak BK, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1241-6

Selectivity of acyl transfer between phospholipids: arachidonoyl transacylase in dog heart membranes. Reddy PV, et al. **Biochem Biophys Res Commun** 1985 Jun 14; 129(2):381-8

Cis isomer of centchroman--a selective ligand for the microsomal antiestrogen binding site. Saeed A, et al. **Biochem Biophys Res Commun** 1984 Nov 30;125(1):346-52

Stereospecific incorporation of hydrogens from NADPH in elongation of very long fatty acyl-CoA by swine cerebral microsomes. Yoshida S, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):322-8

Metabolism of gammalinolenic acid by human blood platelet microsomes. de Bravo MM, et al. **Biochem Int** 1985 Jun; 10(6):889-96

Design and synthesis of a consensus signal sequence that inhibits protein translocation into rough microsomal vesicles. Austen BM, et al. **Biochem J** 1984 Nov 15; 224(1):317-25

Synthesis of chain elongation-desaturation products of linoleic acid by liver and brain microsomes during development of the pig. Clandinin MT, et al. **Biochem J** 1985 Feb 15;226(1):305-9

Metabolism of 4-chlorobiphenyl by guinea pig adrenocortical and hepatic microsomes. Eacho PI, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3627-32

In vitro metabolism of diethyistilbestrol by hepatic, renal and uterine microsomes of rats and hamsters. Effects of different inducers. Haaf H, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3107-15

Microsomal calcium-accumulating ability of bovine coronary artery and aorta. Takeo S, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2417-24

Analysis of microsomal polypeptides involved in the co-translational translocation of secretory proteins. Kaderbhai MA, et al. **Biochem Soc Trans** 1984 Dec; 12(6):917-20

De novo biosynthesis of docosahexaenoyl-phosphatidic acid in bovine retinal microsomes. Bazan HE, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):11-9

Asymmetric synthesis and transmembrane movement of phosphatidylethanolamine synthesised by base-exchange in rat liver endoplasmic reticulum. Hutson JL, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):236-43

The interaction of amiloride analogues with the Na+/H+ exchanger in kidney medulla microsomes. Labelle EF, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):129-38

Effect of t-butyl hydroperoxide on liver microsomal membranes and microsomal calcium sequestration. Moore L. **Biochim Biophys Acta** 1984 Nov 7;777(2):216-20

Ca2+ transport studied with arsenazo III in Tetrahymena microsomes. Effects of calcium ionophore A23187 and trifluoperazine. Muto Y, et al. **Biochim Biophys Acta** 1985 May 28;815(3):410-6

Biosynthesis of 5,6-dihydroxyprostaglandin E1 and F1 alpha from 5,6-dihydroxyeicosatrienoic acid by ram seminal vesicles. Oliw EH. **Biochim Biophys Acta** 1984 Sep 12; 795(2):384-91

Diacylglycerol synthesized in vitro from sn-glycerol 3-phosphate and the endogenous diacylglycerol are different substrate pools for the biosynthesis of phosphatidylcholine in rat lung microsomes. Rüstow B, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):273-8

The availability of endogenous and exogenous disaturated diacylglycerol for the diacylglycerol-consuming reactions in lung microsomes. Rüstow B, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):359-63

Inhibition of lipid peroxidation by heme-nonapeptide derived from cytochrome c. Vodnyánszky L, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):411-4

Characterization and solubilization of the cytochalasin B binding component from human placental microsomes. Wessling M, et al. **Biochim Biophys Acta** 1984 Oct 17; 777(1):123-32

Regulatory action of cholesterol esters on the eicosanoid metabolism. Beitz J, et al. **Biomed Biochim Acta** 1984; 43(8-9):S300-3

Phospholipids involved in specific binding of 12-O-(5-azido-2-nitrobenzoyl)phorbol-13-acetate to epidermal microsomes, a photolabeling study. Schmidt R, et al. **Cancer Lett** 1985 Feb;26(1):97-111

Esophageal microsomal metabolism of N-nitrosomethylbenzylamine in the zinc-deficient rat. Barch DH, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5629-33

Estrogen 2- and 4-hydroxylase activity, catechol estrogen formation, and implications for estrogen carcinogenesis in the hamster kidney. Li SA, et al. **Cancer Res** 1985 Jan; 45(1):181-5

Covalent binding of diethylstilbestrol to microsomal protein in vitro correlates with the organotropism of its carcinogenicity. Haaf H, et al. **Carcinogenesis** 1985 Apr; 6(4):659-60

Microsomal metabolism of the carcinogen, N-2-fluorenyl-acetamide, by the mammary gland and liver of female rats. II. Glucuronidation of ring- and N-hydroxylated metabolites of N-2-fluorenylacetamide. Malejka-Giganti D, et al. **Carcinogenesis** 1985 May; 6(5):687-92

Microsomal metabolism of the carcinogen, N-2-fluorenylacetamide, by the mammary gland and liver of female rats. I. Ring- and N-hydroxylations of N-2-fluorenylacetamide. Malejka-Giganti D, et al. **Carcinogenesis** 1985 Jan;6(1):95-103

Translocation of secretory proteins across the microsomal membrane occurs through an environment accessible to aqueous perturbants. Gilmore R, et al. **Cell** 1985 Sep; 42(2):497-505

The calcium uptake in smooth muscle microsomal vesicles is reduced by centrifugation. Raeymaekers L, et al. **Cell Calcium** 1984 Jun;5(3):205-10

Characterization of Ca2+ transport and enzyme activity in microsomes isolated from guinea-pig stomach smooth muscle. Miyagawa M, et al. **Comp Biochem Physiol [A]** 1985;80(4):565-70

Synthesis of chain elongated-desaturated fatty acids from palmitic acid by liver and brain microsomes during the development of the pig. Clandinin MT, et al. **Comp Biochem Physiol [B]** 1985;81(1):53-4

In vitro metabolism of mono-2-ethylhexyl phthalate by microsomal enzymes. Similarity to omega- and (omega-1) oxidation of fatty acids. Albro PW, et al. **Drug Metab Dispos** 1984 Nov-Dec;12(6):742-8

Strain differences in microsomal xenobiotic metabolism by adrenocortical inner and outer zones. Colby HD, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):371-3

Biochemical and morphological comparison of microsomal preparations from rat, quail, trout, mussel, and water flea. Ade P, et al. **Ecotoxicol Environ Safety** 1984 Oct; 8(5):423-46

Specific binding of estrogen and estrogen-receptor complex by microsomes from estrogen-responsive tissues of the rat. Watson GH, et al. **Endocrinology** 1985 Oct;117(4):1341-9

Characterization of ATP-dependent Ca2+ uptake by canine brain microsomes with saponin. Inamitsu T, et al. **Eur J Biochem** 1984 Nov 15;145(1):115-21

Cationic amphiphilic drugs inhibit the synthesis of long-chain fatty acyl coenzyme A in rat brain microsomes. Reddy TS, et al. **FEBS Lett** 1985 Mar 11;182(1):111-4

The role of calmodulin in the ATP-dependent Ca2+-uptake by dog brain microsomes. Inamitsu T. **Fukuoka Igaku Zasshi** 1985 Apr;76(4):90-8

Lack of concordance of the Salmonella/microsome assay with the mouse dermal carcinogenesis bioassay for complex petroleum hydrocarbon mixtures. Cragg ST, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):382-90

Na+-Ca2+ exchange in rat brain microsomal membranes pretreated with pronase and/or SDS. Ruščák M, et al. **Gen Physiol Biophys** 1985 Jun;4(3):249-56

Ethanol and H2-receptor antagonists [letter] Mitchell MC, et al. **Hepatology** 1985 Sep-Oct;5(5):909-10

Direct effect of androgens on progesterone binding and metabolism in rat testis microsomes. Kühn-Velten N, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):773-9

Tissue and species specificity of the microsomal metabolism of N-nitrosomethylbenzylamine. Mehta R, et al. **IARC Sci Publ** 1984;(57):473-8

Species specificity affects the choice of S9 preparations for use in the hamster embryo cell transformation system. Poiley JA, et al. **In Vitro** 1984 Aug;20(8):602-6

The effects of physiological state and plane of nutrition on the concentrations of microsomal cytochromes and the omega-oxidation of fatty acids in various tissues of the sheep (Ovis aries). Hare WR, et al. **Int J Biochem** 1985; 17(4):455-62

Correlation between Ca2+-stimulated adenosine triphosphatase activity and Ca2+ uptake in microsomal fraction of rat submandibular gland. Saito H, et al. **Int J Biochem** 1985;17(6):723-6

Gentamicin administered in vivo reduces protein synthesis in microsomes subsequently isolated from rat kidneys but not from rat brains. Buss WC, et al. **J Antimicrob Chemother** 1985 Jun;15(6):715-21

Inhibition of mammalian microsomal protein synthesis by aminoglycoside antibiotics. Buss WC, et al. **J Antimicrob Chemother** 1984 Sep;14(3):231-41

Inhibitory effects of gentamicin and ethacrynic acid on mammalian microsomal protein synthesis. Buss WC, et al. **J Antimicrob Chemother** 1985 Jan;15(1):105-13

Increase of translatable mRNA for major microsomal proteins in n-alkane-grown Candida maltosa. Sunairi M, et al. **J Bacteriol** 1984 Dec;160(3):1037-40

Fatty acid elongation activity in fibroblasts from patients with adrenoleukodystrophy (ALD). Tsuji S, et al. **J Biochem (Tokyo)** 1984 Oct;96(4):1241-7

Isolation of cytochrome P-450 highly active in prostaglandin omega-hydroxylation from lung microsomes of rabbits treated with progesterone. Yamamoto S, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):593-603

Rapid calcium release from the isolated sarcoplasmic reticulum is triggered via the attached transverse tubular system. Ikemoto N, et al. **J Biol Chem** 1984 Nov 10; 259(21):13151-8

Studies on K+ permeability of rat gastric microsomes. Im WB, et al. **J Biol Chem** 1985 Aug 5;260(16):9452-60

Active calcium sequestration by intestinal microsomes. Stimulation by increased calcium load. Rubinoff MJ, et al. **J Biol Chem** 1985 Jul 5;260(13):7824-8

Elongation arrest is not a prerequisite for secretory protein translocation across the microsomal membrane. Siegel V, et al. **J Cell Biol** 1985 Jun;100(6):1913-21

Topological biosynthesis of phosphatidylcholine in brain microsomes. Freysz L, et al. **J Neurochem** 1985 Jul; 45(1):57-62

Renal aminopyrine demethylation in several species determined by a sensitive radiometric method. Ohno Y, et al. **J Pharm Pharmacol** 1984 Nov;36(11):743-7

Hepatic and pulmonary microsomal metabolism of naphthalene to glutathione adducts: factors affecting the relative rates of conjugate formation. Buckpitt AR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):291-300

Effects of high erucic acid diet on sphingomyelin biosynthesis in rat lung microsomes. Lecerf J, et al. **J Physiol (Paris)** 1984;79(5):345-51

Binding of activated progesterone receptor to microsomes. Wolfson AJ, et al. **J Steroid Biochem** 1985 Jun;22(6):721-6

Effect of storage on chlorpromazine and imipramine N-oxidizing activity of rat lung microsomes. Ohmiya Y, et al. **Jpn J Pharmacol** 1984 Oct;36(2):256-7

Activation of polyunsaturated fatty acids by rat tissues in vitro. Reddy TS, et al. **Lipids** 1984 Dec;19(12):987-9

Experimentally proved biosynthesis of vitamin C in a guinea pig. Zloch Z, et al. **Naturwissenschaften** 1984 Oct; 71(10):533-4

Biotransformation of norcocaine to norcocaine nitroxide by rat brain microsomes. Kloss MW, et al. **Psychopharmacology (Berlin)** 1984;84(2):221-4

Effect of vitamin E on the balance between pro- and antioxidant activity of ascorbic acid in microsomes from rat heart, kidney and liver. Sterrenberg L, et al. **Toxicol Lett** 1985 May;25(2):153-9

Electrophilic metabolites of 3-methylindole as toxic intermediates in pulmonary oedema. Nocerini MR, et al. **Xenobiotica** 1984 Jul;14(7):561-4

[Anti-heparin activity of Guerin's epithelioma] Zurawski P, et al. **Acta Haematol Pol** 1984 Jan-Jun;15(1-2):49-56 (Eng. Abstr.) **(Pol)**

[New concepts of microsomal metabolism of the antibiotic adriamycin] Bogush TA, et al. **Bioorg Khim** 1985 Jun; 11(6):853-5 (Eng. Abstr.) **(Rus)**

[ATPase activity of the heart microsomes, the regulation of calcium transport in the microsomes and the calmodulin content in experimental myocardial infarct] Antipenko AE, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):152-4 (Eng. Abstr.) **(Rus)**

[Metabolism of choline-containing phospholipids in microsome fractions of the rat brain in acute radiation injury] Grinchuk DV, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):671-4 (Eng. Abstr.) **(Rus)**

[Fatty acid composition and lipid peroxidation in brain microsomes of albino rats with alloxan diabetes] Martikian AR, et al. **Vopr Med Khim** 1985 May-Jun;31(3):86-7 (Eng. Abstr.) **(Rus)**

[The effect of calcium channel blockers on electrogenic transport of Ca2+ in microsomal membranes from the bovine cerebellar cortex] Orlický J, et al. **Bratisl Lek Listy** 1985 Mar;83(3):272-80 (Eng. Abstr.) **(Slo)**

PHYSIOLOGY

[Electron transport system of microsomes: an interview with Dr. Ryo Sato] Asano A. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):657-69 **(Jpn)**

MICROSOMES, LIVER

ANALYSIS

Two pools of microsomal phosphatidylethanolamine detected by the use of fluorescamine. Valtersson C, et al. **Acta Chem Scand [B]** 1985;39(5):411-3

A simple method for purification of rat hepatic microsomal cytochrome b5. Burchell A. **Biochem J** 1985 Feb 15; 226(1):339-41

Induction of liver cytochrome P-450 in mice by warfarin. Comparison of warfarin-, phenobarbitone-, and cobalt-induced hepatic microsomal protein patterns by PAGE after partial purification on octyl-sepharose CL-4B. Kling L, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):85-91

Hamster hepatic cytochrome b5: purifications, immunochemical properties, and in vitro synthesis. Chiang JY, et al. **Biochim Biophys Acta** 1985 Jul 18;830(1):11-9

Purification of rat liver microsomal cytochrome P-450 by chromatography on immobilized adamantane with a new method of detergent removal. Anzenbacher P, et al. **Biomed Biochim Acta** 1984;43(12):1343-9

Identification of lysine (384) in cytochrome P-450 LM2 as functionally linked residue. Makower A, et al. **Biomed Biochim Acta** 1984;43(12):1333-41

[Spectrophotometric evaluation of diene conjugates] Kostiuk VA, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):125-7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Effect of prostacyclin on the mixed function microsomal oxigenase system in the rat liver. Bálint GA, et al. **Acta Med Hung** 1984;41(4):247-52

Effects of chronic ethanol consumption on male Syrian hamster hepatic, microsomal mixed-function oxidases. Elliott CR, et al. **Alcohol** 1985 Jan-Feb;2(1):17-22

Differential effect of ethanol consumption on hamster liver microsomal electron transport systems. McCoy GD, et al. **Alcoholism (NY)** 1985 Mar-Apr;9(2):131-2

Effects of ethanol on alcohol dehydrogenase and microsomal ethanol oxidative system activities in fetal mice. Salinas ME, et al. **Am J Obstet Gynecol** 1984 Nov 1;150(5 Pt 1):541-5

Inhibition of microsomal lipid peroxidation by naphthoquinones: structure-activity relationships and possible mechanisms of action. Talcott RE, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):88-94

Cimetidine interaction with liver microsomes in vitro and in vivo. Involvement of an activated complex with cytochrome P-450. Jensen JC, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2141-6

Effects of carbon tetrachloride and 1,1-dichloroethylene on rat hepatic microsomal calcium- and/or magnesium-stimulated ATPase. Luthra R, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3295-8

In vitro effects of quinoline derivatives on cytochrome P-450 and aminopyrine N-demethylase activity in rat hepatic microsomes. Murray M. **Biochem Pharmacol** 1984 Oct 15; 33(20):3277-81

Structural changes of rat liver microsomal membranes induced by the oral administration of carbon tetrachloride. 31P-NMR and spin-label studies. Utsumi H, et al. **Biochem Pharmacol** 1985 Jan 1;34(1):57-63

Effects of ammonia on selected hepatic microsomal enzyme activity in mice. Kapeghian JC, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):15-22

Effect of inhibitors of alpha-naphthylisothiocyanate-induced hepatotoxicity on the in vitro metabolism of alpha-naphthylisothiocyanate. Traiger GJ, et al. **Chem Biol Interact** 1985 Jan;52(3):335-45

The effect of ketoconazole on hepatic oxidative drug metabolism in the rat in vivo and in vitro. Meredith CG, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):156-62

Influence of selenium on the metabolism of bromobenzene and a possible relationship to its hepatotoxicity. Chakrabarti S, et al. **Environ Res** 1985 Aug;37(2):327-39

Bladder freeze ulceration and sodium saccharin feeding in the rat: examination for urinary nitrosamines, mutagens and bacteria, and effects on hepatic microsomal enzymes. Hasegawa R, et al. **Food Chem Toxicol** 1984 Dec; 22(12):935-42

Effects of using liver fractions from different mammals, including man, on results of mutagenicity assays in Salmonella typhimurium. Le J, et al. **Food Chem Toxicol** 1985 Jul;23(7):695-700

Enhancement of hepatocellular genotoxicity of several mutagens from amino acid pyrolysates and broiled foods following ethanol pretreatment. Loury DJ, et al. **Food Chem Toxicol** 1985 Jul;23(7):661-7

Protection by diethyldithiocarbamate, a CS2-liberating agent, against different models of experimentally-induced liver injury. Siegers CP, et al. **G Ital Med Lav** 1984 May-Jul;6(3-4):135-7

Quality & quantity of dietary protein & acute endosulphan metabolic toxicity in rat liver microsomes. Tyagi SR, et al. **Indian J Med Res** 1985 May;81:480-7

Structural features of imidazole derivatives that enhance styrene oxide hydrolase activity in rat hepatic microsomes. James MO, et al. **J Med Chem** 1985 Aug;28(8):1120-4

Acute response of rat liver microsomal lipids, lipid peroxidation, and membrane anisotropy to a single oral dose of polybrominated biphenyls. Bernert JT Jr, et al. **J Toxicol Environ Health** 1984;13(4-6):673-87

A comparison of the effects of hexachlorobenzene, beta-naphthoflavone, and phenobarbital on cytochrome P-450 and mixed-function oxidases in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):93-108

Hexachlorobenzene-induced porphyria in Japanese quail: changes in microsomal enzymes. Carpenter HM, et al. **J Toxicol Environ Health** 1985;15(3-4):431-44

Development of tolerance to a pneumotoxic impurity of malathion. Imamura T, et al. **J Toxicol Environ Health** 1985;15(2):279-91

Mixed-function oxidase system induction and propylene hepatotoxicity. Osimitz TG, et al. **J Toxicol Environ Health** 1985;15(1):39-49

The effects of the quinone type drugs on hydroxyl radical (OH.) production by rat liver microsomes. Tobia AJ, et al. **J Toxicol Environ Health** 1985;15(2):265-77

The effect of peroxisome proliferators on the metabolism and spectral interaction of endogenous substrates of cytochrome P-450 in rat hepatic microsomes. Lake BG, et al. **Life Sci** 1984 Dec 24;35(26):2621-6

Effect of dietary composition and estradiol implants on hepatic microsomal mixed function oxidase and lipid deposition in growing chicks. Takahashi K, et al. **Poult Sci** 1984 Nov;63(11):2217-24

Liver regeneration and hepatic microsomal enzyme induction by acetaminophen and derivatives. White AC, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):275-89

Neonatal phenobarbital imprinting of hepatic microsomal enzymes in adult rats: modulation by neonatal testosterone presence. Bagley DM, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):227-35

An investigation of the role of microsomal oxidative metabolism in the in vivo genotoxicity of 1,2-dichloroethane. Storer RD, et al. **Toxicol Appl Pharmacol** 1985 Jan;77(1):36-46

Decrease in hepatic microsomal UDP-glucuronosyl-transferase activity in rats and cattle with fascioliasis: impaired in vitro glucuronidation of oxyclozanide. Maffei Facino R, et al. **Toxicol Lett** 1985 Jul;26(1):65-71

Cytochrome P-450 and monooxygenase activity in hepatic microsomes from N-phenylimidazole-treated rats. Murray M, et al. **Toxicol Lett** 1985 May;25(2):191-8

Lung injury induced by trichloroethylene. Forkert PG, et al. **Toxicology** 1985 May;35(2):143-60

Combined effect of nitrogen dioxide and cold stress on the activity of the hepatic cytochrome P-450 system in rats. Takano T, et al. **Toxicology** 1984 Dec;33(3-4):239-44

Selective induction and inhibition of liver and lung cytochrome P-450-dependent monooxygenases by the PCBs mixture, Aroclor 1016. Ueng TH, et al. **Toxicology** 1985 May;35(2):83-94

[Comparative studies on the effect of hexachlorocyclohexane (HCH) and HCH metabolites on ATPases in rats and mice] Heinevetter D, et al. **Z Gesamte Hyg** 1984 Oct;30(10):576-9 (Eng. Abstr.) **(Ger)**

[Action of retinoic acid on lipid peroxidation in rat liver microsomes in vitro] Kon' Ila, et al. **Biull Eksp Biol Med** 1985 Apr;99(4):428-9 (Eng. Abstr.) **(Rus)**

[New bifunctional reagents for studying the localization of the cytochrome P-450 active center in a microsomal membrane] Alfer'ev IS, et al. **Dokl Akad Nauk SSSR** 1984; 277(2):371-4 **(Rus)**

[Effect of benzonal on the liver mono-oxygenase system of laboratory animals] Savateev NV, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):100-3 (Eng. Abstr.) **(Rus)**

[Hexachlorobenzene induction of 2 forms of cytochrome P-450 in the rat liver microsome] Mishin VM, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):68-72 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Effects of some toxic metals on hepatic microsomal mixed function oxidase system of the rat. Xiao GH, et al. **Acta Acad Med Wuhan** 1984;4(3):158-62

A study on the Prethcamide hydroxylation system in rat hepatic microsomes. Szumiło T, et al. **Acta Biochim Pol** 1984;31(4):409-19

Plasma HDL cholesterol and blood glucose in non-insulin-dependent diabetics related to liver lipids and microsomal enzyme activity. Luoma PV, et al. **Acta Med Scand** 1985;217(5):473-9

Microsomal esterification of retinol in human liver. Rasmussen M, et al. **Acta Med Scand** 1984;216(4):403-7

Induction of rat hepatic drug metabolizing enzymes by substituted urea herbicides. Schoket B, et al. **Acta Pharmacol Toxicol (Copenh)** 1985 Apr;56(4):283-8

Hepatic microsomal mixed-function oxidases in rats exposed to high ambient temperature. Pachecka J, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):563-8

The role of phosphorylation/dephosphorylation in the regulation of cholesterol 7 alpha-hydroxylase activity. Sanghvi A. **Adv Exp Med Biol** 1985;183:311-22

Drug induction of hepatic enzymes in the elderly. Pearson MW, et al. **Age Ageing** 1984 Sep;13(5):313-6

The effect of age on pathways of drug metabolism in human liver. Woodhouse KW, et al. **Age Ageing** 1984 Nov; 13(6):328-34

Ethanol-induced increase in NADH-dependent monooxygenase activities of hepatic microsomal cytochrome P-450. Gadeholt G, et al. **Alcohol** 1984 Mar-Apr;1(2):119-24

Effect of ethanol on the microsomal glutathione S-transferase activity in glutathione-depleted rat liver. Sippel HW. **Alcohol** 1985 Jan-Feb;2(1):27-30

Premature weaning-induced changes of cholesterol metabolism in guinea pigs. Subbiah MT, et al. **Am J Physiol** 1985 Sep;249(3 Pt 1):E251-6

Purification of a UTP:D-glucose-1-phosphate uridylyltransferase from Golgi apparatus of cat liver by affinity chromatography on UTP-agarose. Azzar G, et al. **Anal Biochem** 1984 Nov 1;142(2):518-20

A convenient assay for mephenytoin 4-hydroxylase activity of human liver microsomal cytochrome P-450. Shimada T, et al. **Anal Biochem** 1985 May 15;147(1):174-9

Increased hepatic microsomal enzyme activity after surgery under halothane or spinal anesthesia. Loft S, et al. **Anesthesiology** 1985 Jan;62(1):11-6

Characterization and regulation of rat hepatic microsomal cytochrome P-450 isozymes. Ryan DE, et al. **Ann NY Acad Sci** 1984;435:73-85

Low-level luminescence from microsomes exposed to enzymatic systems that generate triplet species. Campa A, et al. **Arch Biochem Biophys** 1984 Dec;235(2):673-8

Cumene hydroperoxide effected hydroperoxidation by cytochrome P-450. Chen C, et al. **Arch Biochem Biophys** 1985 Apr;238(1):187-94

Hydroperoxidation by cytochrome P-450 oxygenase: metabolism of 9-methylfluorene. Chen C, et al. **Arch Biochem Biophys** 1985 Apr;238(1):195-205

Hepatic microsomal short-chain beta-hydroxyacyl-CoA dehydrase distinct from the fatty acid elongation component: substrate specificity of the membrane-extracted enzyme. Cook L, et al. **Arch Biochem Biophys** 1985 Jan;236(1):26-35

Cytoplasmic location of linoleoyl-CoA desaturase in microsomal membranes of rat liver. Fujiwara Y, et al. **Arch Biochem Biophys** 1984 Sep;233(2):402-7

NH2-terminal sequence analyses of four rat hepatic microsomal cytochromes P-450. Haniu M, et al. **Arch Biochem Biophys** 1984 Dec;235(2):304-11

Mitochondrial-microsomal interactions in vitro: use of microsomal 7-ethoxycoumarin O-deethylase to study succinate-stimulated malate efflux from mitochondria. Holtzclaw WD, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):345-53

Variations in hepatic progesterone 21-hydroxylase activity reflect differences in the microsomal concentration of rabbit cytochrome P-450 1. Johnson EF, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):55-64

Covalent modification of the solubilized rat liver vitamin K-dependent carboxylase with pyridoxal-5'-phosphate. Kappel WK, et al. **Arch Biochem Biophys** 1984 Dec; 235(2):521-8

Induction of rabbit hepatic microsomal cytochrome P-450 by imidazole: enhanced metabolic activity and altered substrate specificity. Kaul KL, et al. **Arch Biochem Biophys** 1984 Dec;235(2):470-81

Dealkylation of pentoxyresorufin: a rapid and sensitive assay for measuring induction of cytochrome(s) P-450 by phenobarbital and other xenobiotics in the rat. Lubet RA, et al. **Arch Biochem Biophys** 1985 Apr;238(1):43-8

Purification and characterization of fermodulin, an Fe2+-dependent inhibitor protein of 3-hydroxy-3-methylglutaryl-CoA reductase. Menon AS, et al. **Arch Biochem Biophys** 1985 Jun;239(2):342-51

Comparative chemical and immunological characterization of five lipolytic enzymes (carboxylesterases) from rat liver microsomes. Mentlein R, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):612-21

Kinetic isotope effects on cytochrome P-450-catalyzed oxidation reactions: full expression of the intrinsic isotope effect during the O-deethylation of 7-ethoxycoumarin by liver microsomes from 3-methylcholanthrene-induced hamsters. Miwa GT, et al. **Arch Biochem Biophys** 1985 May 15;239(1):155-62

The association of cytochrome P-450 and NADPH-cytochrome P-450 reductase in phospholipid membranes. Miwa GT, et al. **Arch Biochem Biophys** 1984 Oct;234(1):161-6

Properties of liver microsomal cholesterol 5,6-oxide hydrolase. Nashed NT, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):149-62

Solubilization and purification of hepatic microsomal trans-2-enoyl-CoA reductase: evidence for the existence of a second long-chain enoyl-CoA reductase. Prasad MR, et al. **Arch Biochem Biophys** 1985 Mar;237(2):535-44

Cyclopropyl oxiranes: reversible inhibitors of cytosolic and microsomal epoxide hydrolases. Prestwich GD, et al. **Arch Biochem Biophys** 1985 Mar;237(2):361-72

Lapachol inhibition of vitamin K epoxide reductase and vitamin K quinone reductase. Preusch PC, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):405-12

Rat hepatic cytochrome P-450 isozyme specificity for the metabolism of the steroid sulfate, 5 alpha-androstane-3 alpha, 17 beta-diol-3,17-disulfate. Ryan DE, et al. **Arch Biochem Biophys** 1984 Sep;233(2):636-42

Variation in hepatic microsomal cytochrome P-450 1 concentration among untreated rabbits alters the efficiency of estradiol hydroxylation. Schwab GE, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):17-26

Turnover of membrane proteins: kinetics of induction and degradation of seven forms of rat liver microsomal cytochrome P-450, NADPH-cytochrome P-450 reductase, and epoxide hydrolase. Shiraki H, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):86-96

Inhibition of cytochrome P-450 activity in rat liver microsomes by the naturally occurring flavonoid, quercetin. Sousa RL, et al. **Arch Biochem Biophys** 1985 Jul;240(1):345-57

Use of monoclonal antibody probes against rat hepatic cytochromes P-450c and P-450d to detect immunochemically related isozymes in liver microsomes from different species. Thomas PE, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):239-53

Catalytic activity and substrate specificity of the flavin-containing monooxygenase in microsomal systems: characterization of the hepatic, pulmonary and renal enzymes of the mouse, rabbit, and rat. Tynes RE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):77-93

Influence of chloroquine on the porphyrin metabolism. Goerz G, et al. **Arch Dermatol Res** 1985;277(2):114-7

Alterations in rat liver microsomal enzymes following exposure to carbaryl and malathion in combination. Lechner DW, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):451-7

Studies on nifurtimox nitroreductase activity in liver and other rat tissues. Masana M, et al. **Arch Int Pharmacodyn Ther** 1984 Jul;270(1):4-10

Effects of chlorinated paraffins on liver weight, cytochrome P-450 concentration and microsomal enzyme activities in chick embryos. Brunström B. **Arch Toxicol** 1985 Apr; 57(1):69-71

Nature of N-nitrosodimethylamine demethylase in hepatic microsomes of rats. Kawanishi T, et al. **Arch Toxicol** 1984 Nov;56(1):7-11

Interaction of acrylonitrile with the liver mixed function oxidases. Cova D, et al. **Arch Toxicol [Suppl]** 1984;7:291-4

Induction of cytochrome P-450 isozymes in liver microsomes of rats treated with the cardiotonic agent sulmazole. Müller-Enoch D, et al. **Arzneimittelforschung** 1985; 35(4):698-703

Topically applied nitropyrenes are potent inducers of cutaneous and hepatic monooxygenases. Asokan P, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):134-40

Identification of the forms of cytochrome P-450 induced in rat liver by 2-acetylaminofluorene using immunoblotting and partial purification. Aström A, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):578-85

Studies on the identity of the heme-binding cysteinyl residue in rabbit liver microsomal cytochrome P-450 isozyme 2. Black SD, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):82-9

Induction of xanthine oxidase and depression of cytochrome P-450 by interferon inducers: genetic difference in the responses of mice. Deloria L, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):109-14

Involvement of cytochrome b5 in the hepatic microsomal metabolism of benzo(a)pyrene. DeMarco GJ, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):621-7

Increased content of cytochrome P-450 and 4-methylpyrazole binding spectrum after 4-methylpyrazole treatment. Feierman DE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1076-81

Effects of acetylenic and olefinic pyrenes upon cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. Gan LS, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):591-6

Characterization of variations in rabbit hepatic progesterone 21-hydroxylase activity by serial biopsy. Ghizzoni L, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):43-9

Membrane bound cytochrome P-450 determines the optimal temperatures of NADPH-cytochrome P-450 reductase and cytochrome P-450-linked monooxygenase reactions in rat and trout hepatic microsomes. Gurumurthy P, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):571-7

Amino acid sequence of COOH-terminal 20K Da fragment from pig liver microsomal NADPH-cytochrome P-450 reductase. Haniu M, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):94-8

Inhibition of reconstituted vitamin D3 25-hydroxylase by a protein fraction from rat liver microsomes. Holmberg I. **Biochem Biophys Res Commun** 1984 Sep 28; 123(3):1209-14

Induction of the ethanol-inducible form of rabbit liver microsomal cytochrome P-450 by inhibitors of alcohol dehydrogenase. Ingelman-Sundberg M, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):375-82

Properties of the tryptophan residue in rabbit liver microsomal cytochrome P-450 isozyme 2 as determined by fluorescence. Inouye K, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):676-82

NAD (P) H-dependent reduction of nicotinamide N-oxide by an unique enzyme system consisting of liver microsomal NADPH-cytochrome C reductase and cytosolic aldehyde oxidase. Kitamura S, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1117-22

Isolation and partial characterization of a rifampicin induced rabbit liver microsomal cytochrome P-450. Lange R, et al. **Biochem Biophys Res Commun** 1985 Jan 31;126(2):833-9

In vivo and in vitro destruction of rat liver cytochrome P-450 by a monoterpene ketone, pulegone. Madyastha P, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):921-7

Inactivation and affinity-labeling of rat liver iodothyronine deiodinase with N-bromoacetyl-3,3',5-triiodothyronine. Mol JA, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):475-83

Purification and properties of cytochrome P-450 from untreated monkey liver microsomes. Ohmori S, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1089-95

Phosphorylation of microsomal HMG CoA reductase increases susceptibility to proteolytic degradation in vitro. Parker RA, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):629-35

Structural requirements for allosteric activators of rat liver microsomal 3-hydroxy-3-methylglutaryl coenzyme A reductase. Roitelman J, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):902-7

Spin state studies on cytochrome P-450 in liver microsomes from obese and diabetic animals. Rouer E, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):615-21

Human breast milk stimulates rat liver cholesterol 7 alpha-hydroxylase activity in vitro. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1133-7

Identification of distinct hepatic and pulmonary forms of microsomal flavin-containing monooxygenase in the mouse and rabbit. Tynes RE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1069-75

Effects of cholecalciferol (vitamin D3)-binding proteins and anti-cytochrome b5 immunoglobulin on cholecalciferol 25-hydroxylase activities of rabbit liver microsomes and mitochondria. Hiwatashi A, et al. **Biochem Int** 1983 Nov; 7(5):655-61

Circadian rhythm of HMG-CoA reductase and insulin in African green monkeys. Hulcher FH, et al. **Biochem Int** 1985 Feb;10(2):177-85

Bilirubin mono- and di-glucuronide formation by purified rat liver microsomal bilirubin UDP-glucuronyltransferase. Burchell B, et al. **Biochem J** 1984 Oct 15;223(2):461-5

Delta 5-desaturase activity in liver and brain microsomes during development of the pig. Clandinin MT, et al. **Biochem J** 1985 May 1;227(3):1021-3

Phosphorylated intermediates of two hepatic microsomal ATPases. Fleschner CR, et al. **Biochem J** 1985 Mar 15; 226(3):839-45

The latency of rat liver microsomal protein disulphide-isomerase. Lambert N, et al. **Biochem J** 1985 Jun 15;228(3):635-45

Evidence for the reversibility of the acyl-CoA:lysophosphatidylcholine acyltransferase in microsomal preparations from developing safflower (Carthamus tinctorius L.) cotyledons and rat liver. Stymne S, et al. **Biochem J** 1984 Oct 15;223(2):305-14

Purification and characterization of two forms of microsomal carbonyl reductase in guinea pig liver. Usui S, et al. **Biochem J** 1984 Nov 1;223(3):697-705

Drug metabolism in man and its relationship to that in three rodent species: monooxygenase, epoxide hydrolase, and glutathione S-transferase activities in subcellular fractions of lung and liver. Lorenz J, et al. **Biochem Med** 1984 Aug; 32(1):43-56

Identification and characterization of hepatic carboxylesterases hydrolyzing hydrocortisone esters. Ali B, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1881-6

Differential induction of cytochrome P-450-dependent monooxygenase, epoxide hydrolase, glutathione transferase and UDP glucuronosyl transferase activities in the liver of the rainbow trout by beta-naphthoflavone or Clophen A50. Andersson T, et al. **Biochem Pharmacol** 1985 Sep 15, 34(18):3309-14

Triacetyloleandomycin as inducer of cytochrome P-450 LM3c from rabbit liver microsomes. Bonfils C, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2445-50

Heterogeneity of hepatic microsomal UDP-glucuronosyltransferase activities. Conjugations of phenolic and monoterpenoid aglycones in control and induced rats and guinea pigs. Boutin JA, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2235-49

The mechanism of inhibition by 2,2'-pyridylisatogen tosylate of NADPH-linked enzyme activities in microsomes isolated from rat liver. Cameron I, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2847-52

Hexachlorobenzene-induced porphyria in Japanese quail. Effect of pretreatment with phenobarbital or beta-naphthoflavone. Carpenter HM, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3875-81

Position selective sex difference in imipramine metabolism in rat liver microsomes. Chiba M, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):898-900

2,2-Dimethyl-5-t-butyl-1,3-benzodioxole: an unusual inducer of microsomal enzymes. Cook JC, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):3941-6

Effects of pyrazole on nitrosodimethylamine demethylase and other microsomal xenobiotic metabolising activities. Craft JA. **Biochem Pharmacol** 1985 May 1;34(9):1507-13

Immunochemical identification of an irreversibly bound heme-derived adduct to cytochrome P-450 following CCl4 treatment of rats. Davies HW, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3203-6

Age and sex associated differences in the relative abundance of multiple species of cytochrome P-450 in rat liver microsomes. A separation by HPLC of hepatic microsomal cytochrome P-450 species. Fujita S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1861-4

Ethanol and isoniazid induce a hepatic microsomal cytochrome P-450-dependent activity with similar properties towards substrate and inhibitors and different properties from those induced by classical inducers. Gadeholt G. **Biochem Pharmacol** 1984 Oct 1;33(19):3047-51

Differences in the duration of the enhancement of liver mixed-function oxidase activities in ethanol-fed rats after withdrawal. Hétu C, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1211-6

Elevation of molybdenum hydroxylase levels in rabbit liver after ingestion of phthalazine or its hydroxylated metabolite. Johnson C, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3699-705

Disappearance of sex difference in rat liver drug metabolism in old age. Kitagawa H, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):579-81

Assessment of rat liver microsomal epoxide hydrolase as a marker of hepatocarcinogenesis. Kizer DE, et al. **Biochem Pharmacol** 1985 May 15;34(10):1795-800

Inhibition of rat liver hydroxymethylglutaryl-CoA reductase by sulfhydryl reagents, coenzyme A esters and synthetic compounds. Lippe G, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3293-7

Separation of different UDP glucuronosyltransferase activities according to charge heterogeneity by chromatofocusing using mouse liver microsomes. Three major types of aglycones. Mackenzie PI, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):737-46

Effects of phenobarbitone and beta-naphthoflavone on hepatic microsomal drug metabolising enzymes of the male beagle dog. McKillop D. **Biochem Pharmacol** 1985 Sep 1; 34(17):3137-42

Solubilisation, purification and reconstitution of hepatic microsomal azoreductase activity. Mallett AK, et al. **Biochem Pharmacol** 1985 Feb 1;34(3):337-42

The distribution of microsomal glutathione transferase among different organelles, different organs, and different organisms. Morgenstern R, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3609-14

Glucuronic acid conjugation by hepatic microsomal fractions isolated from streptozotocin-induced diabetic rats. Morrison MH, et al. **Biochem Pharmacol** 1984 Dec 1; 33(23):3833-8

Separation, partial purification and characterization of cytochrome P-450 having different affinities for NADPH-cytochrome P-450 reductase from rat liver microsomes. Ohmori S, et al. **Biochem Pharmacol** 1985 May 15;34(10):1846-9

Interaction of cimetidine and ranitidine with the FAD monooxygenase in pig liver microsomes. Oldham HG, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2398-401

Metabolism of phosphorus-containing compounds by pig liver microsomal FAD-containing monooxygenase. Smyser BP, et al. **Biochem Pharmacol** 1985 Apr 15; 34(8):1145-50

Conversion of hepatic microsomal cytochrome P-450 to P-420 upon phosphorylation by cyclic AMP dependent protein kinase. Taniguchi H, et al. **Biochem Pharmacol** 1985 May 15;34(10):1835-7

Benzo[a]pyrene-hydroxylase catalyzed by purified isozymes of cytochrome P-450 from beta-naphthoflavone-fed rainbow trout. Williams DE, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3743-53

1-Ethynylpyrene, a suicide inhibitor of cytochrome P-450 dependent benzo[a]pyrene hydroxylase activity in liver microsomes. Gan LS, et al. **Biochemistry** 1984 Aug 14; 23(17):3827-36

Decreased lipid order induced by microsomal cytochrome P-450 and NADPH-cytochrome P-450 reductase in model membranes: fluorescence and electron spin resonance studies. Kunz BC, et al. **Biochemistry** 1985 Jun 4; 24(12):2889-95

Flavins of NADPH-cytochrome P-450 reductase: evidence for structural alteration of flavins in their one-electron-reduced semiquinone states from resonance Raman spectroscopy. Sugiyama T, et al. **Biochemistry** 1985 Jun 4;24(12):3012-9

Microsomal fatty acid desaturase activities in vitamin A-deficient rat liver. Alam SQ, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):175-7

Purification of a new cytochrome P-450 from human liver microsomes. Beaune P, et al. **Biochim Biophys Acta** 1985 Jul 5;840(3):364-70

Subcellular location and topography of rat hepatic monoacylglycerol acyltransferase activity. Coleman RA, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):180-7

Loss of latent activity of liver microsomal membrane enzymes evoked by lipid peroxidation. Studies of nucleoside diphosphatase, glucose-6-phosphatase, and UDP glucuronyltransferase. de Groot H, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):91-6

Purification of hepatic microsomal cytochromes P-450 from beta-naphthoflavone-treated Atlantic cod (Gadus morhua), a marine teleost fish. Goksøyr A. **Biochim Biophys Acta** 1985 Jul 5;840(3):409-17

Lipid peroxidation decreases the rotational mobility of cytochrome P-450 in rat liver microsomes. Gut J, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):217-28

5'-Iodothyronine deiodinase of rat liver: activity in microsomes prepared by various methods, solubilization by detergents and partial purification. Hummel BC, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):173-85

The relationship between the carboxylesterase and monoacylglycerol lipase activities of chicken liver microsomes. Keough DT, et al. **Biochim Biophys Acta** 1985 Jun 10;829(2):164-72

Bifunctional compound study of the active-centre location of cytochrome P-450 in a microsomal membrane ('float' molecules method). Krainev AG, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):96-104

Purification and mode of action of a microsomal exoribonuclease from rat liver. Kumagai H, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):431-8

Purification and mode of action of a microsomal endoribonuclease from rat liver. Kumagai H, et al. **Biochim Biophys Acta** 1985 Mar 1;827(3):424-30

Lignoceroyl-coenzyme A synthetase from developing rat brain: partial purification, characterization and comparison with palmitoyl-coenzyme A synthetase activity and liver enzyme. Nagamatsu K, et al. **Biochim Biophys Acta** 1985 Aug 22;836(1):80-8

Substrate specificity of fatty-acyl-CoA ligase in liver microsomes. Noy N, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):239-44

Immunological evidence for phenobarbital-stimulated synthesis of cytochrome P-450 in primary cultures of chick embryo hepatocytes. Oron L, et al. **Biochim Biophys Acta** 1984 Nov 13;805(3):291-9

Studies on enzyme-substrate interactions of cholinephosphotransferase from rat liver. Pontoni G, et al. **Biochim Biophys Acta** 1985 Sep 11;836(2):222-32

Latency studies on rat liver microsomal glucose-6-phosphatase. Correlation of membrane modification and solubilization by Triton X-114 with the enzymatic activity. Schulze HU, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):85-95

Isolation and characterization of two constitutive forms of microsomal cytochrome P-450 from a single bovine liver. Tsubaki M, et al. **Biochim Biophys Acta** 1985 Aug 23; 830(3):244-57

Arachidonic acid metabolism in isolated pancreatic islets. IV. Negative ion-mass spectrometric quantitation of monooxygenase product synthesis by liver and islets. Turk J, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):1-17

Postnatal changes in hepatic microsomal enzyme activities in the puppy. Tavoloni N. **Biol Neonate** 1985;47(5):305-16

Short term regulation of acyl CoA: cholesterol acyl transferase (ACAT) activity in the regenerating and perinatal liver. Bruscalupi G, et al. **Biosci Rep** 1985 Mar;

5(3):237-42

Effects of the induction of hepatic microsomal metabolism on the toxicity of cyclophosphamide. Gurtoo HL, et al. **Br J Cancer** 1985 Jan;51(1):67-75

Coumarin 7-hydroxylase activity in human liver microsomes. Properties of the enzyme and interspecies comparisons. Pelkonen O, et al. **Br J Clin Pharmacol** 1985 Jan;19(1):59-66

In vivo protection by protein A of hepatic microsomal mixed function oxygenase system of cyclophosphamide-treated rats. Dohadwala M, et al. **Cancer Chemother Pharmacol** 1985;14(2):135-8

The activation and DNA binding of 7-methylbenz[c]-acridine catalysed by mouse liver microsomes. Boux LJ, et al. **Cancer Lett** 1985 Jan; 25(3):333-42

Factors influencing the activity of dimethylnitrosamine demethylase in hamster, rat and chicken liver microsomes. Prasanna HR, et al. **Cancer Lett** 1985 Feb;26(1):25-32

Role of active oxygen species in the photodestruction of microsomal cytochrome P-450 and associated monooxygenases by hematoporphyrin derivative in rats. Das M, et al. **Cancer Res** 1985 Feb;45(2):608-15

Sex-dependent induction of hepatic enzymes for mutagenic activation of a tryptophan pyrolysate component, 3-amino-1,4-dimethyl-5H-pyrido[4,3-b]-indole, by feeding in mice. Degawa M, et al. **Cancer Res** 1985 Jan; 45(1):96-102

Metabolism of N-nitroso-2,6-dimethylmorpholine by isozymes of rabbit liver microsomal cytochrome P-450. Kokkinakis DM, et al. **Cancer Res** 1985 Feb;45(2):619-24

Age- and sex-dependent induction of liver microsomal benzo[a]pyrene hydroxylase activity in rats treated with pregnenolone-16 alpha-carbonitrile (PCN). Gorski JR, et al. **Carcinogenesis** 1985 Apr;6(4):617-24

Elevation of hepatic microsomal epoxide hydrolase activity by 2-acetylaminofluorene: role of metabolism. Graichen ME, et al. **Carcinogenesis** 1985 Jul;6(7):977-81

Interindividual variations in the activities of cytosolic and microsomal epoxide hydrolase in human liver. Mertes I, et al. **Carcinogenesis** 1985 Feb;6(2):219-23

Metabolism of N-hydroxy-2-acetylaminofluorene and N-hydroxy-phenacetin by guinea pig liver microsomal enzymes. Vaught JB, et al. **Carcinogenesis** 1985 Apr; 6(4):495-9

Heterogeneity of hepatic microsomal UDP-glucuronosyltransferase(s) activities: comparison between human and mammalian species activities. Boutin JA, et al. **Chem Biol Interact** 1984 Dec;52(2):173-84

The cytochrome P-450 metabolite complex derived from troleandomycin: properties in vitro and stability in vivo. Delaforge M, et al. **Chem Biol Interact** 1984 Oct; 51(3):371-6

4-Dimethylaminoazobenzenes: carcinogenicities and reductive cleavage by microsomal azo reductase. Lambooy JP, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):107-20

Spin state control of cytochrome P-450 reduction and catalytic activity in a reconstituted P-450 LM2 system as induced by a series of benzphetamine analogues. Schwarze W, et al. **Chem Biol Interact** 1985 Jul;54(2):127-41

Inhibition of rat hepatic mixed function oxidases by antimalarial drugs: selectivity for cytochromes P-450 and P-448. Thabrew MI, et al. **Chem Biol Interact** 1984 Oct; 51(3):285-94

Characterization of sheep liver and lung microsomal ethylmorphine N-demethylase. Arinç E. **Comp Biochem Physiol [B]** 1985;80(2):389-99

Effect of acclimation temperature on Km values towards GDP-mannose of the microsomal dolichol phosphate mannosyltransferase activity of trout liver (Salmo gairdnerii). Bizri M, et al. **Comp Biochem Physiol [B]** 1985; 80(4):693-6

Increased activity of testosterone hydroxylases in liver microsomes of diabetic rats treated with insulin. del Villar E, et al. **Comp Biochem Physiol [B]** 1985;81(3):691-4

Membrane proteinases from normal and neoplastic tissues in man and the rat. Fraser JD, et al. **Comp Biochem Physiol [B]** 1984;79(1):105-11

Comparison of the immunochemical responses by anti-NADPH-cytochrome c reductase of Tetrahymena pyriformis (strain NT-1) in protozoan cells and mammalian liver microsomes. Fukushima H, et al. **Comp Biochem Physiol [B]** 1985;80(4):817-9

Temperature compensation in the hepatic mixed-function oxidase system of bluegill. Ankley GT, et al. **Comp Biochem Physiol [C]** 1985;81(1):125-9

Comparison of in vitro effects of cadmium and nickel on the components of the liver microsomal drug metabolizing enzyme system of the guinea-pig. Işcan M. **Comp Biochem Physiol [C]** 1985;81(1):155-8

A comparative study of the effects of cadmium and nickel on liver microsomal drug metabolizing enzymes of guinea-pig in vitro. Işcan M. **Comp Biochem Physiol [C]** 1984;79(2):429-33

Catalytic and immunological comparison of coumarin 7-hydroxylation in different species. Kaipainen P, et al. **Comp Biochem Physiol [C]** 1985;81(2):293-6

The effects of temperature on the cytochrome P-450 system of thermally acclimated bluegill. Karr SW, et al. **Comp Biochem Physiol [C]** 1985;80(1):135-9

Inhibition of hepatic microsomal enzymes by gossypol in the rat. Ma XN, et al. **Contraception** 1984 Jul;30(1):89-97

Inhibition of cytochrome P-450-dependent mixed function oxidation by ethanol. Hayashi N, et al. **Dig Dis Sci** 1985 Apr;30(4):334-9

Chemical determinants of the enzymology of organic nitrogen oxidation. Gorrod JW. **Drug Metab Dispos** 1985 May-Jun;13(3):283-6

Sex and strain differences in hepatic debrisoquine 4-hydroxylase activity of the rat. Kahn GC, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):510-6

Human hepatic cytochrome P-450 composition as probed by in vitro microsomal metabolism of warfarin. Kaminsky LS, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):470-7

Loss of rat liver microsomal cytochrome P-450 during methimazole metabolism. Role of flavin-containing monooxygenase. Kedderis GL, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):58-61

Selective inactivation of rat lung and liver microsomal NADPH-cytochrome c reductase by acrolein. Patel JM, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):460-3

Dietary amino acids and hepatic microsomal drug metabolism in Syrian hamsters. Birt DF, et al. **Drug Nutr Interact** 1982; 1(2):177-87

Rapid and selective inner ring deiodination of thyroxine sulfate by rat liver deiodinase. Mol JA, et al. **Endocrinology** 1985 Jul;117(1):8-12

Cytosolic cofactors and dihydrolipoamide stimulate hepatic microsomal 5'-deiodination. Sawada K, et al. **Endocrinology** 1985 Sep;117(3):1259-63

Inductive effect on hepatic enzymes and toxicity of congeners of PCBs and PCDFs. Yoshimura H, et al. **Environ Health Perspect** 1985 Feb;59:113-9

Effects of ingestion of hibernia and Prudhoe Bay crude oils on hepatic and renal mixed function oxidase in nestling herring gulls (Larus argentatus). Lee YZ, et al. **Environ Res** 1985 Feb;36(1):248-55

Hepatic microsomal enzymes in Schistosoma mansoni-infected mice: I. Effect of duration of infection and lindane administration on dimethylnitrosamine demethylases. Mostafa MH, et al. **Environ Res** 1984 Oct; 35(1):154-9

Effect of Morris 7777 hepatoma on microsomal glucose-6-phosphatase latent activity. Dobrosielski-Vergona K. **Enzyme** 1984;32(2):100-4

Resolution by high-pressure liquid chromatography and partial characterization of multiple forms of cytochrome P-450 from hepatic microsomes of phenobarbital-treated rats. Bansal SK, et al. **Eur J Biochem** 1985 Jan 2; 146(1):23-33

Immunoquantification of epoxide hydrolase and cytochrome P-450 isozymes in fetal and adult human liver microsomes. Cresteil T, et al. **Eur J Biochem** 1985 Sep 2;151(2):345-50

Purification and characterization of a microsomal cytochrome P-450 with high activity of coumarin 7-hydroxylase from mouse liver. Kaipainen P, et al. **Eur J Biochem** 1984 Nov 2;144(3):425-31

Drug responses in aged animals [letter] Schmucker DL, et al. **Exp Gerontol** 1984;19(6):401

Augmentation of cholesterol esterification in the microsomal membrane by the removal of membrane-bound ribosomes. Hashimoto S. **Exp Mol Pathol** 1984 Dec;41(3):321-30

Inducibility of the hepatic microsomal monooxygenase system experimentally reduced to a minimum amount/activity. Effect of hypophysectomy, partial hepatectomy and phenobarbital/toluene treatment on the hepatic polysubstrate monooxygenase system in rats. Ungváry G, et al. **Exp Pathol** 1985;27(4):207-20

Effects of oral contraceptive steroids (norethisterone/mestranol) on the activities of hepatic drug-metabolizing enzymes in iron-deficient anemic rats. Mizokami K, et al. **Experientia** 1985 Jun 15;41(6):734-6

Does microsomal glycerophosphate acyltransferase also catalyze the acylation of dihydroxyacetone phosphate? Datta NS, et al. **FEBS Lett** 1984 Oct 15;176(1):264-8

Carbon tetrachloride-induced lipid peroxidation dependent on an ethanol-inducible form of rabbit liver microsomal cytochrome P-450. Johansson I, et al. **FEBS Lett** 1985 Apr 22;183(2):265-9

Differences in mechanisms of modulation between rat liver cholesterol 7 alpha-hydroxylase and HMG-CoA reductase. Lidström-Olsson B. **FEBS Lett** 1985 Sep 9; 189(1):124-8

Spermine promotes the translocation of phosphatidate phosphohydrolase from the cytosol to the microsomal fraction of rat liver and it enhances the effects of oleate in this respect. Martin-Sanz P, et al. **FEBS Lett** 1985 Jan 7;179(2):262-6

The site of cyclic AMP-dependent protein kinase catalyzed phosphorylation of cytochrome P-450 LM2. Müller R, et al. **FEBS Lett** 1985 Jul 22;187(1):21-4

Congenital jaundice in rats due to the absence of hepatic bilirubin UDP-glucuronyltransferase enzyme protein. Scragg I, et al. **FEBS Lett** 1985 Apr 8;183(1):37-42

1H-NMR study of the interaction of aminopyrine with purified rat liver microsomal cytochrome P-450. Woldman YaYu, et al. **FEBS Lett** 1985 Feb 25;181(2):295-9

Effect of manganese on the hepatic microsomal mixed function oxidase enzyme system in the rat. Deimling MJ, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1009-18

Photolysis products of 2,4,5,2',4',5'-hexabromobiphenyl: hepatic microsomal enzyme induction and toxicity in Sprague-Dawley rats. Millis CD, et al. **Fundam Appl Toxicol** 1985 Jun;5(3):555-67

Role of cytochrome P-450 and flavin-containing monooxygenase in the N-hydroxylation of N-methyl-4-aminoazobenzene in rat liver: analysis with purified enzymes and antibodies. Kimura T, et al. **Gann** 1984 Oct;75(10):895-904

Induction of rat liver bilirubin-conjugating enzymes and glutathione S-transferase by rifampicin. Adachi Y, et al. **Gastroenterol Jpn** 1985 Apr;20(2):104-10

The binding of isocyanides to cytochrome P-450 from mouse hepatic microsomes. Beumel GA, et al **Gen Pharmacol** 1985;16(3):189-92

Spectral interactions of piperonyl butoxide and isocyanides with purified hepatic cytochrome P-450 from uninduced mice. Beumel GA, et al. **Gen Pharmacol** 1985;16(3):193-7

Stimulation of the mouse hepatic microsomal aniline p-hydroxylases by acetone and polyamines. Kulkarni AP, et al. **Gen Pharmacol** 1985;16(1):13-8

Cloning of cDNAs coding for rat hepatic microsomal UDP-glucuronyltransferases. Jackson MR, et al. **Gene** 1985;34(2-3):147-53

Liver blood flow and enzyme induction in man. Ohnhaus EE, et al. **Hepatogastroenterology** 1985 Apr;32(2):61-4

Circadian rhythm of acid phosphatase activity in rat liver microsomes and dependence of NADH 5 alpha-reductase on phosphatase activity. Graef V, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1271-6

Alterations of markers during hepatocarcinogenesis in rats. Lapis K, et al. **IARC Sci Publ** 1984;(56):25-36

Effect of assay temperature on the kinetics of 3-hydroxy-3-methylglutaryl-coenzyme A reductase in rat liver and Morris hepatoma 5123C. Gregg RG, et al. **Int J Biochem** 1985;17(6):707-11

Multiple forms of chicken liver and hepatoma Mc-29 microsomal and plasma-membrane sialyl and fucosyltransferases. Ivanov S, et al. **Int J Biochem** 1984; 16(12):1307-11

Hepatic microsomal alterations during Dipetalonema viteae infection in Mastomys natalensis. Srivastava AK, et al. **Int J Parasitol** 1985 Apr;15(2):171-4

Influence of the exogenous substrate on the activity of cholesterol 7 alpha-hydroxylase in various animal species. Fiecchi A, et al. **Ital J Biochem** 1984 Jul-Aug; 33(4):257A-262A

Modification of the vitamin K-dependent carboxylase assay. Romiti S, et al. **J Biochem Biophys Methods** 1985 May; 11(1):59-68

Amino acid sequences of cytochrome b5 from human, porcine, and bovine erythrocytes and comparison with liver microsomal cytochrome b5. Abe K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1659-68

Relationship between changes in properties and contents of riboflavin derivatives of NADPH-cytochrome P-450 reductase in the liver microsomes of riboflavin-deficient rats. Hara T, et al. **J Biochem (Tokyo)** 1985 Feb; 97(2):473-82

Properties of rat liver signal peptidase reconstituted into liposomes. Hikawa A, et al. **J Biochem (Tokyo)** 1985 Jan; 97(1):105-12

Partial purification and characterization of lathosterol 5-desaturase from rat liver microsomes. Honjo K, et al. **J Biochem (Tokyo)** 1985 Mar;97(3):955-9

Phosphatidate phosphatase in rat liver: the relationship between the activities with membrane-bound phosphatidate and aqueous dispersion of phosphatidate. Ide H, et al. **J Biochem (Tokyo)** 1985 Jan;97(1):45-54

Purification and characterization of seven distinct forms of liver microsomal cytochrome P-450 from untreated and inducer-treated male Wistar rats. Nagata K, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1755-66

Role of cytosolic superoxide dismutase as a stimulator in anthranilamide hydroxylation by a microsomal monooxygenase system in rat liver. Ohta Y, et al. **J Biochem (Tokyo)** 1984 Nov;96(5):1323-36

Characterization of three forms of cytochrome P-450 isolated from liver microsomes of rats treated with 3-methylcholanthrene. Sakaki T, et al. **J Biochem (Tokyo)** 1984 Jul;96(1):117-26

Characterization of complementary DNA clones coding for two forms of 3-methylcholanthrene-inducible rat liver cytochrome P-450. Yabusaki Y, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):793-804

Phosphorylation of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase and modulation of its enzymic activity by calcium-activated and phospholipid-dependent protein kinase. Beg ZH, et al. **J Biol Chem** 1985 Feb 10; 260(3):1682-7

Structural analysis of NADPH-cytochrome P-450 reductase from porcine hepatic microsomes. Sequences of proteolytic fragments, cysteine-containing peptides, and a NADPH-protected cysteine peptide. Haniu M, et al. **J Biol Chem** 1984 Nov 25;259(22):13703-11

Mouse liver testosterone 16 alpha-hydroxylase (cytochrome P-45016 alpha). Purification, regioselectivity, stereospecificity, and immunochemical characterization. Harada N, et al. **J Biol Chem** 1984 Oct 10;259(19):12285-90

Isolation by ion-exchange high performance liquid chromatography of rabbit liver cytochrome P-450 with regioselectivity for omega-hydroxylation of prostaglandins. Holm KA, et al. **J Biol Chem** 1985 Feb 25;260(4):2027-30

Purification and characterization of a new form (RLM2) of liver microsomal cytochrome P-450 from untreated rat. Jansson I, et al. **J Biol Chem** 1985 Jun 10;260(11):7084-93

Microsomal enzymes of cholesterol biosynthesis from lanosterol. Purification and characterization of delta 7-sterol 5-desaturase of rat liver microsomes. Kawata S, et al. **J Biol Chem** 1985 Jun 10;260(11):6609-17

Photoaffinity labeling of steroid 5 alpha-reductase of rat liver and prostate microsomes. Liang T, et al. **J Biol Chem** 1985 Apr 25;260(8):4890-5

Binding of ATP citrate lyase to the microsomal fraction of rat liver. Linn TC, et al. **J Biol Chem** 1984 Nov 10; 259(21):13379-84

Purification, characterization, and pituitary regulation of the sex-specific cytochrome P-450 15 beta-hydroxylase from liver microsomes of untreated female rats. MacGeoch C, et al. **J Biol Chem** 1984 Dec 25;259(24):15433-9

The complete amino acid sequence of a constitutive form of liver microsomal cytochrome P-450. Ozols J, et al. **J Biol Chem** 1985 May 10;260(9):5427-34

Microsomal enzymes of cholesterol biosynthesis from lanosterol. Characterization, solubilization, and partial purification of NADPH-dependent delta 8,14-steroid 14-reductase. Paik YK, et al. **J Biol Chem** 1984 Nov 10; 259(21):13413-23

Purification and characterization of a guanosine diphosphatase activity from calf liver microsomal salt wash proteins. Raychaudhuri P, et al. **J Biol Chem** 1985 Jul 15; 260(14):8306-11

Characterization of a major form of rat hepatic microsomal cytochrome P-450 induced by isoniazid. Ryan DE, et al. **J Biol Chem** 1985 May 25;260(10):6385-93

Stereoselectivity of microsomal epoxide hydrolase toward diol epoxides and tetrahydroepoxides derived from benz[a]anthracene. Sayer JM, et al. **J Biol Chem** 1985 Feb 10;260(3):1630-40

Rat hepatic cytochrome P-450 isoenzyme 2c. Identification as a male-specific, developmentally induced steroid 16 alpha-hydroxylase and comparison to a female-specific cytochrome P-450 isoenzyme. Waxman DJ. **J Biol Chem** 1984 Dec 25;259(24):15481-90

Analytical study of microsomes and isolated subcellular membranes from rat liver. IX. Nicotinamide adenine dinucleotide glycohydrolase: a plasma membrane enzyme prominently found in Kupffer cells. Amar-Costesec A, et al. **J Cell Biol** 1985 Jan;100(1):189-97

Rapid and sensitive assays using high-performance liquid chromatography to measure the activities of phase II drug metabolising enzymes: glucuronyl transferase and sulfotransferase. To EC, et al. **J Chromatogr** 1984 Sep 28; 301(1):282-7

Do beta blockers differ in their effects on hepatic microsomal enzymes and liver blood flow? Parker G, et al. **J Clin Pharmacol** 1984 Nov-Dec;24(11-12):493-9

The role of neonatal and pubertal gonadal hormones in regulating the sex dependence of the hepatic microsomal testosterone 5-reductase activity in the rat. Pak RC, et al. **J Endocrinol** 1985 Jul;106(1):71-9

Effects of pregnant mare serum gonadotrophin and oestradiol benzoate on enzymes associated with xenobiotic metabolism in immature and hypophysectomized female rats. Williams MT. **J Endocrinol** 1985 Feb;104(2):315-21

Effect of acute and repeated chlordimeform treatment on rat hepatic microsomal drug metabolizing enzymes. Budris DM, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul; 5(4-5):175-82

Comparative study of conjugation between horseradish peroxidase and D-cytochrome b5. Incorporation into subcellular membranes. Collot M, et al. **J Histochem Cytochem** 1985 Jun;33(6):523-30

3-hydroxy-3-methylglutaryl coenzyme A reductase in human liver microsomes: active and inactive forms and cross-reactivity with antibody against rat liver enzyme. Angelin B, et al. **J Lipid Res** 1984 Nov;25(11):1159-66

Affinity purification of alkylglycerol monooxygenase from rat liver microsomes by chimyl alcohol-Sepharose 4B column chromatography. Ishibashi T, et al. **J Lipid Res** 1985 Mar;26(3):393-5

Effects of vitamin E deficiency on the distribution of cholesterol in plasma lipoproteins and the activity of cholesterol 7 alpha-hydroxylase in rabbit liver. Chupukcharoen N, et al. **J Nutr** 1985 Apr;115(4):468-72

Alterations of hepatic delta-aminolevulinic acid synthetase, heme oxygenase, microsomal cytochrome content and drug metabolism in rats bearing ascitic tumors AH 13, AH 66 and AH 414 and a 3-methylcholanthrene induced tumor. Matsuura Y, et al. **J Pharmacobiodyn** 1984 Jul;7(7):501-10

Phenobarbital in the genetically obese Zucker rat. II. In vivo and in vitro assessments of microsomal enzyme induction. Brouwer KL, et al. **J Pharmacol Exp Ther** 1984 Dec; 231(3):654-9

Age-related alteration in the activities of drug-metabolizing enzymes and contents of sex-specific forms of cytochrome P-450 in liver microsomes from male and female rats. Kamataki T, et al. **J Pharmacol Exp Ther** 1985 Apr; 233(1):222-8

Extraction of 11 beta-hydroxysteroid dehydrogenase from rat liver microsomes by detergents. Lakshmi V, et al. **J Steroid Biochem** 1985 Mar;22(3):331-40

Estrone and dehydroepiandrosterone sulfatase activities in guinea-pig uterus and liver: estrogenic effect of estrone sulfate. Moutaouakkil M, et al. **J Steroid Biochem** 1984 Sep; 21(3):321-8

Chronic inhalation of diesel exhaust and coal dust: effect of age and exposure on selected enzyme activities associated with microsomal cytochrome P-450 in rat lung and liver. Rabovsky J, et al. **J Toxicol Environ Health** 1984; 14(5-6):655-66

Evaluation of the induction of hepatic drug-metabolizing enzymes in the rat and mouse treated with temazepam using trimethadione as the indicator. Kitagawa YF, et al. **J Toxicol Sci** 1985 Feb;10(1):21-8

The effect of galactosamine on rat liver cytochrome P-450 activities. Murase T, et al. **Jpn J Pharmacol** 1985 Feb; 37(2):151-8

Depression of hepatic microsomal enzyme systems by lentinan in mice. Sasaki K, et al. **Jpn J Pharmacol** 1985 Jan;37(1):107-15

Potentiation of EPN-induced inhibition of liver microsomal carboxylesterase by addition of liver cytosol from 6-aminonicotinamide-treated, starved rats. Sugiyama S, et al. **Jpn J Pharmacol** 1984 Aug;35(4):433-7

Selective induction of cytochrome b5 and NADH cytochrome b5 reductase by propylthiouracil. Kariya K, et al. **Life Sci** 1984 Dec 3;35(23):2327-34

Pituitary-dependent masculinization of hepatic hexobarbital hydroxylase in Crl:CD-1(ICR)BR mice. Shapiro BH. **Life Sci** 1985 Mar 25;36(12):1169-74

Effects of streptozotocin-induced diabetes on microsomal long-chain fatty acyl-CoA synthetase and hydrolase. Dang AQ, et al. **Lipids** 1984 Aug;19(8):578-82

Activities of liver mixed function oxidase system in rats fed trans fat. Nishiyama K, et al. **Lipids** 1985 May;20(5):325-7

Serum cholesterol, lecithin-cholesterol acyltransferase, and hepatic hydroxymethylglutaryl coenzyme A reductase activities of lean and obese Zucker rats. Lin RC. **Metabolism** 1985 Jan;34(1):19-24

Cholesterol acyltransferase. Billheimer JT. **Methods Enzymol** 1985;111:286-93

Glutamate carboxylase: assays, occurrence, and specificity. Brody T, et al. **Methods Enzymol** 1984;107:552-63

Squalene epoxidase from rat liver microsomes. Ono T, et al. **Methods Enzymol** 1985;110:375-80

Role of hepatic monooxygenases in generating estrogenic metabolites from methoxychlor and from its identified contaminants. Bulger WH, et al. **Mol Pharmacol** 1985 Jan; 27(1):115-24

NADPH-generating system: influence on microsomal mono-oxygenase stability during incubation for the liver-microsomal assay with rat and mouse S9 fractions. Forti GC, et al. **Mutat Res** 1984 Dec;129(3):281-97

A dual assay for the specific screening of 3-methylcholanthrene- and phenobarbital-like chemical inducers of cytochrome P-450 monooxygenases. Lesca P, et al. **Mutat Res** 1984 Dec;129(3):299-310

Ontogeny of hepatic bile acid conjugation in the rat. Suchy FJ, et al. **Pediatr Res** 1985 Jan;19(1):97-101

Erythrocyte and liver characteristics in low and high glutathione Finn sheep. Faik A, et al. **Pharmacol Res Commun** 1985 Jan;17(1):23-32

The effects of H2 receptor antagonists on hepatic microsomal drug metabolism and fine morphology of rat liver. Mosca P, et al. **Pharmacol Res Commun** 1985 Jun;17(6):513-24

Activation of hepatic microsomal mixed function oxidase system in broiler chicks by diet changes. Brenes A, et al. **Poult Sci** 1985 May;64(5):963-8

Immunochemical evidence for induction of the alcohol-oxidizing cytochrome P-450 of rabbit liver microsomes by diverse agents: ethanol, imidazole, trichloroethylene, acetone, pyrazole, and isoniazid. Koop DR, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4065-9

Formation of bile acid glucosides by a sugar nucleotide-independent glucosyltransferase isolated from human liver microsomes. Matern H, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(22):7036-40

Effects of adrenalectomy on gonadal hormone-induced changes in hepatic microsomal carboxylesterase activities in rats. Hosokawa M, et al. **Res Commun Chem Pathol Pharmacol** 1985 Feb;47(2):285-8

Gonadal hormone-induced changes in hepatic microsomal carboxylesterase in rats. Hosokawa M, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov; 46(2):245-58

Comparison of ethanol and imidazole pretreatments on hepatic monooxygenase activities in the rat. Reinke LA, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan; 47(1):97-106

Altered distribution of constitutive forms of microsomal cytochrome P-450 in tumor-bearing mouse liver. Higashi K, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):155-61

Spectral studies on the effect of a new steroidal anesthetic agent alphadione on rat hepatic microsomes. Shigematsu A, et al. **Sangyo Ika Daigaku Zasshi** 1983 Sep 1;5(3):343-9

Effect of allylisopropylacetamide and Sedormid on enzymes of steroid metabolism in rat liver. Graef V, et al. **Steroids** 1984 Sep;44(3):267-73

Bile acids. LXXIII. Synthesis of analogs of 7 alpha-hydroxy-4-cholesten-3-one as substrates for hepatic steroid 12 alpha-hydroxylase. Joyce MJ, et al. **Steroids** 1984 Jul;44(1):95-101

Steroid sulfatase activities in normal and cirrhotic livers and plasma levels of estrone sulfate, estrone and estradiol-17 beta in men. Prost O, et al. **Steroids** 1984 Feb;43(2):189-99

Increases in liver microsomal phosphatidylethanolamine methyltransferase activity(s) in mice after short-term ethanol treatments. Smith TL, et al. **Subst Alcohol Actions Misuse** 1984;5(3):131-40

Cationic activators and inhibitors of 5'-nucleotidase in hepatic microsomes. Lin RH, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jun;83(6):535-41

Effect of repeated ether anesthesias on the mono-oxygenase system of rat liver S-9 fraction. Paolini M, et al. **Teratogenesis Carcinog Mutagen** 1984;4(6):477-81

Glycosidase activities in the rat liver microsomes. Kosaka H, et al. **Tohoku J Exp Med** 1985 Jun;146(2):201-10

Selective changes in cytochrome P-450 and UDP-glucuronosyltransferase subpopulations following partial hepatectomy in rats. Iversen PL, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):10-8

Microsomal cytochrome P-450 'handprints': five fractions from anion-exchange high-pressure liquid chromatography provide a rapid preliminary screen for selectivity in the induction and destruction of rat hepatic cytochrome P-450 subpopulations. Iversen PL, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):1-9

Role of 3,5-dichlorophenyl methyl sulfone, a metabolite of m-dichlorobenzene, in the induction of hepatic microsomal drug-metabolizing enzymes by m-dichlorobenzene in rats. Kimura R, et al. **Toxicol Appl Pharmacol** 1985 Apr; 78(2):300-9

Comparative incidence of oral ochratoxicosis and aflatoxicosis on the activity of drug-metabolizing enzymes in rat liver. Galtier P, et al. **Toxicol Lett** 1984 Dec; 23(3):341-7

Effect of ampicillin on hepatic microsomal mixed-function oxidase system in male mice. Govindwar SP, et al. **Toxicol Lett** 1984 Nov;23(2):201-4

Bile secretion and liver microsomal mixed function oxidase system in mice with griseofulvin-induced hepatic protoporphyria. Cantoni L, et al. **Toxicology** 1983 May; 27(1):27-39

Structure-activity relationships in the induction of hepatic drug metabolism by azo compounds. Fujita S, et al. **Xenobiotica** 1984 Jul;14(7):565-8

The interactions of hydrazine derivatives with rat-hepatic cytochrome P-450. Moloney SJ, et al. **Xenobiotica** 1984 Oct;14(10):803-14

Induction of rat-hepatic microsomal cytochrome P-450 and aryl hydrocarbon hydroxylase by 1,3-benzodioxole derivatives. Murray M, et al. **Xenobiotica** 1985 May; 15(5):361-8

Selective inhibitory interactions of alkoxymethylenedioxybenzenes towards mono-oxygenase activity in rat-hepatic microsomes. Murray M, et al. **Xenobiotica** 1985 May;15(5):369-79

Stereospecific hydrolysis of 8 alpha,9 alpha- and 8 beta,9 beta-epoxyhexahydrocannabinols in the mouse in vivo and in vitro. Narimatsu S, et al. **Xenobiotica** 1985 Mar; 15(3):227-35

Characterization of pirenzepine interaction with cytochrome P-450. Rendić S, et al. **Xenobiotica** 1985 May;15(5):399-405

Effect of promethazine and isosafrole on rat-hepatic microsomal mono-oxygenase activity: comparison with classic inducers phenobarbitone and beta-naphthoflavone. Taylor G, et al. **Xenobiotica** 1985 Mar;15(3):243-9

Studies on N-demethylation of methamphetamine by liver microsomes of guinea-pigs and rats: the role of flavin-containing mono-oxygenase and cytochrome P-450 systems. Yamada H, et al. **Xenobiotica** 1984 Nov; 14(11):861-6

Metabolism of methamphetamine, amphetamine and p-hydroxymethamphetamine by rat-liver microsomal preparations in vitro. Yamamoto T, et al. **Xenobiotica** 1984 Nov;14(11):867-75

[Induction of hepatic microsomal monooxygenases by schisanhenol in rats] Liu GT, et al. **Chung Kuo Yao Li Hsueh Pao** 1985 Mar;6(1):41-4 (Eng. Abstr.) **(Chi)**

[Effects on the lymphreticular system and inhibition of liver microsomaal cytochrome P-450 in mice administered Priopionibacterium acnes (Corynebacterium parvum) bacterin] Očenášková J, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Mar;34(2):100-6 (Eng. Abstr.) **(Cze)**

[Effect of misonidazole (Ro 07-0582) and radiation on the monooxygenases of liver microsomes of the rat] Laurent F, et al. **J Pharmacol** 1985 Jan-Mar;16(1):23-30 (Eng. Abstr.) **(Fre)**

[Immunological specificity and cytoplasmic location of delta 6-desaturase in microsomal membrane] Fujihara Y. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):446-55 (Eng. Abstr.) **(Jpn)**

[Partial purification and characterization of delta 7-sterol 5-desaturase from rat liver microsomes] Honjo K. **Hokkaido Igaku Zasshi** 1984 Jul;59(4):439-45 (Eng. Abstr.) **(Jpn)**

[Interaction of membrane lipids with carbonyl reductase in guinea pig liver microsomes] Usui S, et al. **Yakugaku Zasshi** 1985 Mar;105(3):271-7 (Eng. Abstr.) **(Jpn)**

[Effect of phosphatidylglycerol on the incorporation process of cytochrome P-450 in liposomes from dimyristoylphosphatidylcholine] Akhrem AA, et al. **Biokhimiia** 1985 Jan;50(1):97-101 (Eng. Abstr.) **(Rus)**

[Interaction between cytochrome P-448 and NADP-cytochrome P-450 reductase in reconstituted microsomal membranes.] Grishanova AIu, et al. **Biokhimiia** 1985 Mar;50(3):369-74 (Eng. Abstr.) **(Rus)**

[Catalytic activity of cytochrome P-448 in native and reconstituted microsomal membranes] Grishanova AIu, et al. **Biokhimiia** 1984 Aug;49(8):1343-9 (Eng. Abstr.) **(Rus)**

[Isolation and characterization of multiple forms of cytochrome P-450 from liver microsomes of 3-methylcholanthrene-induced Wistar rats.] Guliaeva LF, et al. **Biokhimiia** 1985 Mar;50(3):394-400 (Eng. Abstr.) **(Rus)**

[Rate of enzymatic lipid peroxidation of mouse liver microsomes after the administration of a highly-dispersed iron powder] Kukhtina EN, et al. **Biokhimiia** 1984 Sep;49(9):1510-4 (Eng. Abstr.) **(Rus)**

[Use of spin-labelled substrate analogs for a comparative study of microsomal cytochrome P-450 and P-448] Popova VI, et al. **Biokhimiia** 1985 Jan;50(1):53-62 (Eng. Abstr.) **(Rus)**

[The role of the hydrophobic fragment of cytochrome b5 in the interaction with cytochrome P-450] Usanov SA, et al. **Bioorg Khim** 1983 Apr;9(4):450-61 (Eng. Abstr.) **(Rus)**

[Inhibition of phospholipid hydrolysis by phospholipase A2 in microsomal and mitochondrial membranes subjected to lipid peroxidation] Balevska PS, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):161-4 (Eng. Abstr.) **(Rus)**

[Multicomponent detoxifying system in albino rat liver] Tiunov LA, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):361-4 (Eng. Abstr.) **(Rus)**

[Immobilization of microsomal fraction in the rat liver] Davidenko TI, et al. **Dokl Akad Nauk SSSR** 1984 Sep-Oct;278(1):233-6 **(Rus)**

[Interaction in vitro of nicotinamide and diethylnicotinamid (cordiamine) with enzymes of the liver microsomal hydoxylating system in the rat] Bushma MI, et al. **Farmakol Toksikol** 1985 Mar-Apr;48(2):97-100 (Eng. Abstr.) **(Rus)**

[The effect of x-rays on the level, composition and para-nitroanisole-o-demethylase activity of cytochrome P-450 in the liver microsomes of rats] Deev LI, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):612-5 (Eng. Abstr.) **(Rus)**

[Nutrition and the monooxygenase system of the liver] Sharmanov TSh. **Vestn Akad Med Nauk SSSR** 1985;(1):28-34 (Eng. Abstr.) **(Rus)**

[Enzymatic mechanism of the body's defense against foreign substances in food] Tutel'ian VA. **Vestn Akad Med Nauk SSSR** 1984;(8):84-9 (Eng. Abstr.) **(Rus)**

[Modified effect of the induction of the mixed function oxidase system on the cytogenetic action of cyclophosphamide] Zhurkov VS, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):54-8 (Eng. Abstr.) **(Rus)**

[Immunological study of the identity of cytochrome P-448 in the mouse and rat liver after induction with 3-methylcholanthrene] Mishin VM, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):98-102 (Eng. Abstr.) **(Rus)**

[Effect of acute and chronic lindane poisoning on the function of the liver microsome mono-oxygenase system in rats maintained on a diet deficient in lysine, methionine, threonine and vitamins A, C and E] Sharmanov TSh, et al. **Vopr Med Khim** 1985 May-Jun;31(3):106-11 (Eng. Abstr.) **(Rus)**

[The microsomal oxidative system of NZB and NZW strain mice] Tikhomirov Av, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):87-90 (Eng. Abstr.) **(Rus)**

[Immune response and the monooxygenase system activity in guinea pigs after peroral sensitization with various food antigens] Gmoshinskiĭ IV, et al. **Vopr Pitan** 1984 Jul-Aug;(4):40-1 **(Rus)**

[Effect of dimethylformamide on the microsomal hydroxylation system in the liver of rats fed diets with different fat contents] Martinchuk AN, et al. **Vopr Pitan** 1984 Nov-Dec;(6):42-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Anti-liver-kidney microsome antibody recognizes a 50,000 molecular weight protein of the endoplasmic reticulum. Alvarez F, et al. **J Exp Med** 1985 May 1;161(5):1231-6

METABOLISM

The role of androgens in the effect of diabetes mellitus on hepatic drug metabolism in the male rat. Skett P, et al. **Acta Endocrinol (Copenh)** 1984 Dec;107(4):506-12

Biotransformation of terodiline. II. Disposition in the male rat. Identification of metabolites in rat urine and rat liver microsomes by mass spectrometry. Norén B, et al. **Acta Pharm Suec** 1985;22(3):131-46

alpha-Substituted 2-phenylethylamines and N-oxidized congeners. Chemistry, metabolism and ligand interactions with cytochrome P-450. Paulsen-Sörman U. **Acta Pharm Suec** 1984;21(3):207

Role of alcohol P-450-oxygenase (APO) in microsomal ethanol oxidation. Koop DR, et al. **Alcohol** 1985 Jan-Feb;2(1):23-6

In vivo roles of alcohol dehydrogenase (ADH), catalase and the microsomal ethanol oxidizing system (MEOS) in deermice. Takagi T, et al. **Alcohol** 1985 Jan-Feb;2(1):9-12

Formation of Schiff base adduct between acetaldehyde and rat liver microsomal phosphatidylethanolamine. Kenney WC. **Alcoholism (NY)** 1984 Nov-Dec;8(6):551-5

Dual-label high-performance liquid chromatographic assay for femtomole levels of benzo[a]pyrene metabolites. Murphy SE, et al. **Anal Biochem** 1985 May 1;146(2):442-7

Dynamic headspace analysis of volatile metabolites from the reductive dehalogenation of trichloro- and tetrachloroethanes by hepatic microsomes. Thompson JA, et al. **Anal Biochem** 1985 Mar;145(2):376-84

Halothane-induced lipid peroxidation and glucose-6-phosphatase inactivation in microsomes under hypoxic conditions. de Groot H, et al. **Anesthesiology** 1985 Jan;62(1):44-8

Desaturation of 14C linoleic acid by the rat fetus. Pascaud M, et al. **Ann Nutr Metab** 1985;29(1):63-4

In vitro metabolism of zeranol: evaluation of covalent binding to microsomal protein. Evrard P, et al. **Ann Rech Vet** 1985;16(1):47-50

Metabolism of aflatoxin B1 by rat hepatic microsomes induced by polyhalogenated biphenyl congeners. Halvorson MR, et al. **Appl Environ Microbiol** 1985 Apr;49(4):882-6

The formation of chlorobenzene and benzene by the reductive metabolism of lindane in rat liver microsomes. Baker MT, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):506-14

Lipid peroxidation increases the molecular order of microsomal membranes. Curtis MT, et al. **Arch Biochem Biophys** 1984 Dec;235(2):644-9

Conversion of 1-naphthol to naphthoquinone metabolites by rat liver microsomes: demonstration by high-performance liquid chromatography with reductive electrochemical detection. Fluck DS, et al. **Arch Biochem Biophys** 1984 Dec;235(2):351-8

Regioselectivity of hydroxylation of prostaglandins by liver microsomes supported by NADPH versus H2O2 in methylcholanthrene-treated and control rats: formation of novel prostaglandin metabolites. Holm KA, et al. **Arch Biochem Biophys** 1985 Mar;237(2):477-89

Immunochemical evidence for a role of cytochrome P-450 in liver microsomal ethanol oxidation. Koop DR, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):228-38

Retinoic acid metabolism by a system reconstituted with cytochrome P-450. Leo MA, et al. **Arch Biochem Biophys** 1984 Oct;234(1):305-12

Formation of benzo[a]pyrene-3,6-quinol mono- and diglucuronides in rat liver microsomes. Lind C. **Arch Biochem Biophys** 1985 Jul;240(1):226-35

Regulation of rat liver microsomal squalene epoxidase: inactivation of the supernatant protein factor by nucleotides. Senjo M, et al. **Arch Biochem Biophys** 1985 May 1;238(2):584-7

The interaction of albumin and fatty-acid-binding protein with membranes: oleic acid dissociation. Catalá A. **Arch Int Physiol Biochim** 1984 Oct;92(3):255-61

Metabolism and mutagenicity of aromatic amines by human fetal liver. Aune T, et al. **Arch Toxicol** 1985 Jun;57(2):136-8

Covalent binding to proteins as a mechanism of chemical toxicity. Pantarotto C, et al. **Arch Toxicol [Suppl]** 1984;7:208-18

Erythromycin estolate impairs the mitochondrial and microsomal calcium homeostasis: correlation with hepatotoxicity. Richelmi P, et al. **Arch Toxicol [Suppl]** 1984;7:298-302

Different pathways of chloroform metabolism. Testai E, et al. **Arch Toxicol [Suppl]** 1984;7:278-81

Increased microsomal metabolism of n-hexane in rat kidney and liver after inhalation of isopropanol. Zahlsen K, et al. **Arch Toxicol [Suppl]** 1984;7:268-71

Metabolism of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in mouse liver preparations. Baker JK, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):484-90

Liver microsomal bilirubin UDP-glucuronyltransferase disturbances in bile duct ligated rats. Bengochea L, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):163-7

A diphenylmethane derivative specific for the antiestrogen binding site found in rat liver microsomes. Brandes LJ, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):724-8

Membrane regulation of liver and lung microsomes under low oxygen tension. Casals C, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):551-8

Amino-terminal sequence analysis of six cytochrome P-450 isozymes purified by monoclonal antibody directed immunopurification. Cheng KC, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):1201-8

Stereoselective hydroxylation at the aliphatic carbons of 7,8- and 9,10-dihydrobenzo[a]pyrenes by rat liver microsomes. Chiu PL, et al. **Biochem Biophys Res Commun** 1984 Oct 15;124(1):114-20

Influence of neonatal age on changes in fatty acid composition of microsomal lipids induced by long-term and short-term cholesterol feeding. Garcia-Gonzalez M, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):677-81

Pituitary regulation of sex-specific forms of cytochrome P-450 in liver microsomes of rats. Kamataki T, et al. **Biochem Biophys Res Commun** 1985 Aug 15;130(3):1247-53

Reaction of optically active S- and R-forms of dolichyl phosphates with activated sugars. Löw P, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):460-6

Metabolism of leukotriene B4 in hepatic microsomes. Newton JF, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):733-8

Formation of pentachlorophenol as the major product of microsomal oxidation of hexachlorobenzene. van Ommen B, et al. **Biochem Biophys Res Commun** 1985 Jan 16;126(1):25-32

Different efficiency of various synthetic antioxidants towards NADPH induced chemiluminescence in rat liver microsomes. Weimann A, et al. **Biochem Biophys Res Commun** 1984 Dec 28;125(3):1033-8

Investigation of the mechanism of hepatotoxicity of N-methylformamide in mice: effects on calcium sequestration in hepatic microsomes and mitochondria and on hepatic plasma membrane potential. Whitby H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):712-8

A comparison of the influence of diets high in saturated versus unsaturated fatty acids on lipid composition and glucose-6-phosphatase activity of rat liver microsomes. Garg ML, et al. **Biochem Int** 1985 Apr;10(4):585-95

Evaluation of alpha-tocopherol antioxidant activity in microsomal lipid peroxidation as detected by low-level chemiluminescence. Cadenas E, et al. **Biochem J** 1984 Nov 1;223(3):755-9

Synthesis of chain elongation-desaturation products of linoleic acid by liver and brain microsomes during development of the pig. Clandinin MT, et al. **Biochem J** 1985 Feb 15;226(1):305-9

Synthesis of retinyl phosphate mannose in vitro. Non-enzymic breakdown and reversibility. Creek KE, et al. **Biochem J** 1985 May 1;227(3):695-703

The role of lipid peroxidation in the N-oxidation of 4-chloroaniline. Golly I, et al. **Biochem J** 1984 Dec 1;224(2):415-21

Binding of trichloromethyl radicals to lipids of the hepatic endoplasmic reticulum during tetrachloromethane metabolism. Link B, et al. **Biochem J** 1984 Nov 1;223(3):577-86

Radioassay of UDP-glucuronyltransferase-catalysed formation of bilirubin monoglucuronides and bilirubin diglucuronide in liver microsomes. Vermeir M, et al. **Biochem J** 1984 Oct 15;223(2):455-9

The effect of the bay-region 12-methyl group on the stereoselective metabolism at the K-region of 7,12-dimethylbenz[a]anthracene by rat liver microsomes. Yang SK, et al. **Biochem J** 1984 Nov 1;223(3):775-82

Immunochemical study on the contribution of hypolipidaemic-induced cytochrome P-452 to the metabolism of lauric acid and arachidonic acid. Bains SK, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3221-9

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations--I. Metabolite formation and irreversible binding to cellular macromolecules. Brueggemeier RW, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3853-9

Ethoxy-, pentoxy- and benzyloxyphenoxazones and homologues: a series of substrates to distinguish between different induced cytochromes P-450. Burke MD, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3337-45

Obligatory role of cytochrome b5 in the microsomal metabolism of methoxyflurane. Canova-Davis E, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1907-12

Modulation of thyroid hormone actions on hepatic drug metabolism by androgens and estrogens. Colby HD, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):582-5

Metabolic activation of 1-naphthol by rat liver microsomes to 1,4-naphthoquinone and covalent binding species. Doherty MD, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3201-8

Metabolism of 4-chlorobiphenyl by guinea pig adrenocortical and hepatic microsomes. Eacho PI, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3627-32

In vitro metabolism of diethylstilbestrol by hepatic, renal and uterine microsomes of rats and hamsters. Effects of different inducers. Haaf H, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3107-15

Perinatal exposure to methadone and the development of hepatic microsomal testosterone hydroxylation and methadone N-demethylation in the rat. Halperin-Walega ES, et al. **Biochem Pharmacol** 1985 May 1;34(9):1582-5

Cytochrome P-450 activity in hepatocytes following cryopreservation and monolayer culture. Jackson BA, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3389-91

Inhibition of in vitro microsomal lipid peroxidation by isoflavonoids. Jha HC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1367-9

Relation between hepatic microsomal metabolism of N-nitrosamines and cytochrome P-450 species. Kawanishi T, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):919-24

Interconversions of haloperidol and reduced haloperidol in guinea pig and rat liver microsomes. Korpi ER, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2923-7

Evaluation of microsomal pathways of oxidation of alcohols and hydroxyl radical scavenging agents with carbon monoxide and cobalt protoporphyrin IX. Krikun G, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2929-35

Increased microsomal oxidation of ethanol by cytochrome P-450 and hydroxyl radical-dependent pathways after chronic ethanol consumption. Krikun G, et al. **Biochem Pharmacol** 1984 Oct 15;33(20):3306-9

Studies on microsomal azoreduction. N,N-dimethyl-4-aminoazobenzene (DAB) and its derivatives. Levine WG. **Biochem Pharmacol** 1985 Sep 15;

34(18):3259-64

Formation of pentachlorophenol glucuronide in rat and human liver microsomes. Lilienblum W. **Biochem Pharmacol** 1985 Mar 15;34(6):893-4

Relationship between the rate of reduction of benzo(a)pyrene-3,6-quinone and the formation of benzo(a)pyrene-3,6-quinol glucuronides in rat liver microsomes. Lind C. **Biochem Pharmacol** 1985 Mar 15; 34(6):895-7

Hymenoxon: biologic and toxic effects. Merrill J, et al. **Biochem Pharmacol** 1985 Sep 15;34(18):3383-6

The metabolism of aflatoxin B1 by human liver. Moss EJ, et al. **Biochem Pharmacol** 1985 Sep 1;34(17):3193-7

Microsomal reduction of bisulfite (aqueous sulfur dioxide)—sulfur dioxide anion free radical formation by cytochrome P-450. Mottley C, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):3005-8

Cytochrome P-450-dependent nicotine oxidation by liver microsomes of guinea pigs. Immunochemical evidence with antibody against phenobarbital-inducible cytochrome P-450. Nakayama H, et al. **Biochem Pharmacol** 1985 Jul 1;34(13):2281-6

Benzo[a]pyrene metabolism and DNA adduct formation mediated by English sole liver enzymes. Nishimoto M, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):263-8

Inhibition of hepatic microsomal drug metabolism by the calcium channel blockers diltiazem and verapamil. Renton KW. **Biochem Pharmacol** 1985 Jul 15;34(14):2549-53

Effect of mefloquine on hepatic drug metabolism in the rat: comparative study with primaquine. Riviere JH, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):567-71

Affinity of ligands other than triarylethylenes for liver microsomal antiestrogen binding sites. Ruenitz PC, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2807-9

The hydroxylation, dechlorination, and glucuronidation of 4,4'-dichlorobiphenyl (4-DCB) by human hepatic microsomes. Schnellmann RG, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3503-9

Microsomal interactions and inhibition of lipid peroxidation by etoposide (VP-16, 213): implications for mode of action. Sinha BK, et al. **Biochem Pharmacol** 1985 Jun 1; 34(11):2036-40

Irreversible binding of etoposide (VP-16-213) to deoxyribonucleic acid and proteins. Sinha BK, et al. **Biochem Pharmacol** 1984 Nov 15;33(22):3725-8

Formation of a glutathione conjugate from butylated hydroxytoluene by rat liver microsomes. Tajima K, et al. **Biochem Pharmacol** 1985 Jun 15;34(12):2109-14

Metabolism of a potential 8-aminoquinoline antileishmanial drug in rat liver microsomes. Theoharides AD, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):181-8

Inhibition of desmethylimipramine 2-hydroxylation by drugs in human liver microsomes. von Bahr C, et al. **Biochem Pharmacol** 1985 Jul 15;34(14):2501-5

Glucuronidation of carcinogenic arylamine metabolites by rat liver microsomes. Wang CY, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):837-41

Hepatic microsomal oxidation of styrene to 4-hydroxystyrene 7,8-glycol via 4-hydroxystyrene and its 7,8-oxide as short-lived intermediates. Watabe T, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):3101-3

Generation of low-level chemiluminescence during the metabolism of 1-naphthol by rat liver microsomes. Wefers H, et al. **Biochem Pharmacol** 1984 Dec 15;33(24):4081-5

The metabolic fate of pargyline in rat liver microsomes. Weli AM, et al. **Biochem Pharmacol** 1985 Jun 1;34(11):1993-8

Lack of relationship between debrisoquine 4-hydroxylation and other cytochrome P-450 dependent reactions in rat and human liver. Wolff T, et al. **Biochem Pharmacol** 1985 Aug 1;34(15):2593-8

Structural analysis of the cysteine-containing peptides from the major 3-methylcholanthrene-induced isozyme of cytochrome P-450 (P-450c) in rat liver microsomes. Haniu M, et al. **Biochemistry** 1984 May 22;23(11):2478-82

Stereochemical studies on the cytochrome P-450 and hydroxyl radical dependent pathways of 2-butanol oxidation by microsomes from chow-fed, phenobarbital-treated, and ethanol-treated rats. Krikun G, et al. **Biochemistry** 1984 Nov 6;23(23):5489-94

Use of a monoclonal antibody specific for rabbit microsomal cytochrome P-450 3b to characterize the participation of this cytochrome in the microsomal 6 beta- and 16 alpha-hydroxylation of progesterone. Reubi I, et al. **Biochemistry** 1984 Sep 25;23(20):4598-603

Reduction kinetics of purified rat liver cytochrome P-450. Evidence for a sequential reaction mechanism dependent on the hemoprotein spin state. Tamburini PP, et al. **Biochemistry** 1984 Sep 25;23(20):4526-33

Interaction of hexane phosphonic acid diethyl ester with phospholipids in hepatic microsomes and reconstituted liposomes as studied by 31P-NMR. Bayerl T, et al. **Biochim Biophys Acta** 1985 Jan 25;812(2):437-46

Calcium sequestration activity in rat liver microsomes. Evidence for a cooperation of calcium transport with glucose-6-phosphatase. Benedetti A, et al. **Biochim Biophys Acta** 1985 Jun 27;816(2):267-77

Spatial aspects of mannosyl phosphoryl retinol formation. Frot-Coutaz J, et al. **Biochim Biophys Acta** 1985 Sep 6; 841(3):299-305

Regulation of palmitoyl-CoA chain elongation and linoleoyl-CoA chain elongation in rat liver microsomes and the differential effects of peroxisome proliferators, insulin and thyroid hormone. Kawashima Y, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):118-23

The critical steady-state hypoxic conditions in carbon tetrachloride-induced lipid peroxidation in rat liver microsomes. Noll T, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):356-62

Inhibition of microsomal lipid peroxidation by cytosolic protein in presence of ADP and high concentration of Fe2+. Ramasarma T, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):243-50

Essential fatty acid interconversion during gestation in the rat. Ravel D, et al. **Biochim Biophys Acta** 1985 Jan 9; 833(1):161-4

The oxidation of hemins by microsomal heme oxygenase. Structural requirements for the retention of substrate activity. Tomaro ML, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):342-9

Inhibition of lipid peroxidation by heme-nonapeptide derived from cytochrome c. Vodnyánszky L, et al. **Biochim Biophys Acta** 1985 Jul 9;835(2):411-4

Metabolism of 1,1,1,2,2-pentafluorohexane and 1,1-difluorocyclohexane by rat liver microsomes in vitro. Baker MH, et al. **Biomed Mass Spectrom** 1984 Oct; 11(10):512-21

Evidence for the in vitro metabolism of allylisopropylacetamide to reactive intermediates. Mechanistic studies with oxygen-18. Prickett KS, et al. **Biomed Mass Spectrom** 1984 Jul;11(7):320-31

In vitro studies on the metabolism of cimetidine by rat liver microsomes--identification of a new N-desmethylcimetidine metabolite. Zbaida S, et al. **Biopharm Drug Dispos** 1984 Oct-Dec;5(4):415-9

The metabolism of 7-ethoxycoumarin in human liver microsomes and the effect of primary biliary cirrhosis: implications for studies of drug metabolism in liver disease. Woodhouse KW, et al. **Br J Clin Pharmacol** 1985 Jul; 20(1):77-80

Dechlorination of halocarbons by microsomes and vesicular reconstituted cytochrome P-450 systems under reductive conditions. Salmon AG, et al. **Br J Ind Med** 1985 May; 42(5):305-11

Deacylation of endogenously deuterated rat liver microsomal phospholipids by endogenous phospholipases. Pind S, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):137-44

Release of ferrous iron from ferritin by liver microsomes: a possible role in the toxicity of 2,3,7,8-tetrachlorodibenzo-p-dioxin. Rowley B, et al. **Can J Biochem Cell Biol** 1984 Dec;62(12):1293-300

Specific high affinity binding of the calcium channel antagonist, [3H]nitrendipine, to rat liver microsomes. Gopalakrishnan V, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1249-52

Effect of a hepatic activation system on the antiproliferative activity of hexamethylmelamine against human tumor cell lines. Miller KJ, et al. **Cancer Chemother Pharmacol** 1985; 15(1):49-53

The metabolism of 1-hydroxy- and 2-hydroxy-3-methylcholanthrene by liver microsomes: effect of enzyme inducing agents. Gardiner EM, et al. **Cancer Lett** 1984 Aug;24(1):103-10

Monooxygenase induction by various xenobiotics and its influence on the rat liver microsomal metabolite profile of benz[a]anthracene. Jacob J, et al. **Cancer Lett** 1985 May; 27(1):105-13

A comparison of the effect of selenium on the mutagenicity and metabolism of benzo[a]pyrene in rat and hamster liver S9 activation systems. Teel RW. **Cancer Lett** 1984 Oct; 24(3):281-9

Metabolism of 3-tert-butyl-4-hydroxyanisole to 3-tert-butyl-4,5-dihydroxyanisole by rat liver microsomes. Armstrong KE, et al. **Cancer Res** 1985 Apr;45(4):1507-10

Metabolic oxidation of carcinogenic arylamines by rat, dog, and human hepatic microsomes and by purified flavin-containing and cytochrome P-450 monooxygenases. Hammons GJ, et al. **Cancer Res** 1985 Aug;45(8):3578-85

Binding of metabolites of cyclophosphamide to DNA in a rat liver microsomal system and in vivo in mice. Hemminki K. **Cancer Res** 1985 Sep;45(9):4237-43

Formation of glutathione conjugates by reactive metabolites of vinylidene chloride in microsomes and isolated hepatocytes. Liebler DC, et al. **Cancer Res** 1985 Jan; 45(1):186-93

Relationship between oxidative metabolism of 2-acetylaminofluorene, debrisoquine, bufuralol, and aldrin in human liver microsomes. McManus ME, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5692-7

Metabolism of 6-methylbenz[a]anthracene by rat liver microsomes and mutagenicity of metabolites. Mushtaq M, et al. **Cancer Res** 1985 Sep;45(9):4006-14

Mutagenicity of cyclopenta-fused isomers of benz(a)anthracene in bacterial and rodent cells and identification of the major rat liver microsomal metabolites. Nesnow S, et al. **Cancer Res** 1984 Nov;44(11):4993-5003

Lipid peroxidation of liver microsome membranes induced by choline-deficient diets and its relationship to the diet-induced promotion of the induction of gamma-glutamyltranspeptidase-positive foci. Perera MI, et al. **Cancer Res** 1985 Jun;45(6):2533-8

Factors modulating the formation of DNA adduct by aflatoxin B1 in vitro. Bhattacharya RK, et al. **Carcinogenesis** 1984 Oct;5(10):1359-62

The role of secondary metabolism in the metabolic activation of 7,12-dimethylbenz[a]anthracene by rat liver microsomes. Christou M, et al. **Carcinogenesis** 1984 Oct;5(10):1239-47

Effects of dietary indoles and isothiocyanates on N-nitrosodimethylamine and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone alpha-hydroxylation and DNA methylation in rat liver. Chung FL, et al. **Carcinogenesis** 1985 Apr;6(4):539-43

Hepatic N-oxidation, acetyl-transfer and DNA-binding of the acetylated metabolites of the carcinogen, benzidine. Frederick CB, et al. **Carcinogenesis** 1985 Jul;6(7):959-65

Metabolism of 9-nitroanthracene by rat liver microsomes: identification and mutagenicity of metabolites. Fu PP, et al. **Carcinogenesis** 1985 May;6(5):753-7

Microsome-mediated alkylation of rat liver initiator tRNA by 3,3-dimethyl-1-phenyltriazene and its ring-chlorinated derivatives. Hradec J, et al. **Carcinogenesis** 1985 Jul; 6(7):995-8

The metabolism of 9,10-dimethylanthracene by rat liver microsomal preparations. Lamparczyk HS, et al. **Carcinogenesis** 1984 Nov;5(11):1405-10

Metabolic processing of 2-acetylaminofluorene by microsomes and six highly purified cytochrome P-450 forms from rabbit liver. McManus ME, et al. **Carcinogenesis** 1984 Dec;5(12):1717-23

Microsomal metabolism of the carcinogen, N-2-fluorenyl-acetamide, by the mammary gland and liver of female rats. II. Glucuronidation of ring- and N-hydroxylated metabolites of N-2-fluorenylacetamide. Malejka-Giganti D, et al. **Carcinogenesis** 1985 May; 6(5):687-92

Microsomal metabolism of the carcinogen, N-2-fluorenylacetamide, by the mammary gland and liver of female rats. I. Ring- and N-hydroxylations of N-2-fluorenylacetamide. Malejka-Giganti D, et al. **Carcinogenesis** 1985 Jan;6(1):95-103

Mutagenic activation of carcinogenic N-nitrosopropylamines by rat liver: evidence for a cytochrome P-450 dependent reaction. Mori Y, et al. **Carcinogenesis** 1985 Mar; 6(3):415-20

Alterations in the metabolism of 7,12-dimethylbenz[a]anthracene and various xenobiotics by rat hepatic microsomes following Sudan III treatment in vivo. O'Dowd JJ, et al. **Carcinogenesis** 1985 Mar; 6(3):469-72

Effect of in vivo changes in phospholipid composition on liver microsomal calcium transport. Boyle DM, et al. **Cell Calcium** 1984 Oct;5(5):475-85

Oxidative dealkylation and reductive denitrosation of nitrosomethylaniline in vitro. Appel KE, et al. **Chem Biol Interact** 1985 Feb-Apr;53(1-2):69-76

Induction of hepatic microsomal drug metabolism by azo compounds: a structure-activity relationship. Fujita S, et al. **Chem Biol Interact** 1984 Nov;52(1):15-37

Reductive metabolism of 1,1,1,2-tetrachloroethane and related chloroethanes by rat liver microsomes. Thompson JA, et al. **Chem Biol Interact** 1984 Oct;51(3):321-33

Cis-trans isomerization of a nitrofuran AF-2 by rat liver microsomal preparations. Koga N, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3309-12

Influence of microsomal and cytosolic fractions from the liver of 4 animal species and man on the mutagenicity of carcinogenic aminoazo dyes and nature of the mutagenicity-enhancing factor in the cytosol from rat liver. Mori Y, et al. **Chem Pharm Bull (Tokyo)** 1984 Sep; 32(9):3641-50

The effects of H2-receptor antagonists and imidazole on testosterone hydroxylations in mouse liver microsomes. Morita K, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct; 32(10):4043-8

Mechanism of species differences in N-hydroxyphenacetin mutagenicity: the role of deacetylation by rat and hamster liver microsomes. Nohmi T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4525-31

Effects of neurotropin on rat liver microsomes and lysosomes, and in vitro lipid peroxidation. Ogiso T, et al. **Chem Pharm Bull (Tokyo)** 1985 Feb;33(2):810-7

Evidence for 4-hydroxylation of estradiol 17-sulfate by rat liver microsomes (clinical analysis on steroids. XXIX). Watanabe K, et al. **Chem Pharm Bull (Tokyo)** 1984 Jul; 32(7):2745-51

Increased hepatic microsomal T3 production in vitro induced by insulin administration in rats in vivo. Loos U, et al. **Clin Physiol Biochem** 1984;2(1):56-9

Position-specific induction of benzo(a)pyrene metabolism by 3-methylcholanthrene and phenobarbital in mullet (Mugil cephalus), a marine fish. Schoor WP, et al. **Comp Biochem Physiol [C]** 1984;78(2):391-6

Drug induced alterations in some rat hepatic microsomal components: a comparative study of four structurally different antimalarials. Thabrew MI, et al. **Comp Biochem Physiol [C]** 1985;81(1):133-8

The effect of monooxygenase inducing agents on the incorporation of [35S]methionine into hepatic microsomal protein of rainbow trout (Salmo gairdneri). Vodicnik MJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):271-6

Hepatic microsomal calcium uptake during the perinatal period. Cambon-Gros C, et al. **Dev Pharmacol Ther** 1984; 7 Suppl 1:38-41

Effect of model trauma on the turnover of protein and hemoprotein components of hepatic microsomal membrane in immature rats. George JD, et al. **Dev Pharmacol Ther** 1985;8(4):243-53

The metabolism of avermectin-H2B1a and -H2B1b by pig liver microsomes. Chiu SH, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):464-9

Evaluation of the role of free hydroxyl radicals in the cytochrome P-450-catalyzed oxidation of benzene and cyclohexanol. Gorsky LD, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):169-74

The effect of etomidate on rabbit liver microsomal drug metabolism in vitro. Horai Y, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):364-7

Inhibition of microsomal phenytoin metabolism by nafimidone and related imidazoles. Potency and structural considerations. Kapetanovic IM, et al. **Drug Metab Dispos** 1985 Jul-Aug;13(4):430-7

Nafimidone, an imidazole anticonvulsant, and its metabolite as potent inhibitors of microsomal metabolism of phenytoin and carbamazepine. Kapetanovic IM, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):560-4

Polyamine effects on cytochrome P-450- and flavin-containing monooxygenase-mediated oxidation of xenobiotics. Osimitz TG, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):197-203

Some chemical and biochemical aspects of liver microsomal metabolism of tamoxifen. Ruenitz PC, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):478-83

The in vitro metabolism of hydralazine. Streeter AJ, et al. **Drug Metab Dispos** 1985 Mar-Apr;13(2):255-9

The microsomal metabolism and site of covalent binding to protein of 3'-hydroxyacetanilide, a nonhepatotoxic positional isomer of acetaminophen. Streeter AJ, et al. **Drug Metab Dispos** 1984 Sep-Oct;12(5):565-76

Effects of somatostatin and testosterone on the hepatic monooxygenase system in castrated male rats. Virgo BB. **Drug Metab Dispos** 1985 Jan-Feb;13(1):9-13

Metabolism of 8-hydroxymethylbenz[a]anthracene by rat liver microsomes. Stereochemistry of dihydrodiol metabolites and the effect of enzyme induction. Yang SK, et al. **Drug Metab Dispos** 1984 Jul-Aug;12(4):403-13

Hepatic bromobenzene epoxidation and binding: prevention by ascorbyl palmitate. Zannoni VG, et al. **Drug Nutr Interact** 1982;1(3):193-204

Monoclonal antibodies to the rabbit liver growth hormone receptor: production and characterization. Barnard R, et al. **Endocrinology** 1984 Nov;115(5):1805-13

Induction of hepatic receptors for growth hormone (GH) and prolactin by GH infusion is sex independent. Baxter RC, et al. **Endocrinology** 1984 Nov;115(5):2009-14

Superoxide radical generation, NADPH oxidase activity, and cytochrome P-450 content of rat liver microsomal fractions in an experimental hyperthyroid state: relation to lipid peroxidation. Fernández V, et al. **Endocrinology** 1985 Aug;117(2):496-501

Mutagenicity of azo dyes following metabolism by different reductive/oxidative systems. Reid TM, et al. **Environ Mutagen** 1984;6(5):705-17

Immunochemical analysis of rough and smooth microsomes from rat liver. Segregation of docking protein in rough membranes. Hortsch M, et al. **Eur J Biochem** 1985 Aug 1;150(3):559-64

Cytochrome P-450 isozyme/isozyme functional interactions and NADPH-cytochrome P-450 reductase concentrations as factors in microsomal metabolism of warfarin. Kaminsky LS, et al. **Eur J Biochem** 1985 Jun 18;149(3):479-89

Structure reactivity relationships in the microsomal oxidation of tertiary amines. Galliani G, et al. **Eur J Drug Metab Pharmacokinet** 1984 Oct-Dec;9(4):289-93

Cimetidine and ranitidine: their interaction with human and pig liver microsomes and with purified cytochrome P-450. Rendić S, et al. **Eur J Drug Metab Pharmacokinet** 1984 Jul-Sep;9(3):195-200

Inhibition of diazepam metabolism in microsomal- and perfused liver preparations of the rat by desmethyldiazepam, N-methyloxazepam and oxazepam. Savenije-Chapel EM, et al. **Eur J Drug Metab Pharmacokinet** 1985 Jan-Mar;10(1):15-20

Cyclophosphamide-impaired regulation of hepatic heme metabolism. Rizzardini M, et al. **Experientia** 1984 Dec 15;40(12):1390-2

Involvement of reactive oxygen species in the microsomal S-oxidation of thiobenzamide. Younes M. **Experientia** 1985 Apr 15;41(4):479-81

Low rate of NADPH/ADP-iron dependent lipid peroxidation in hepatic microsomes of DBA/2 mice. Cheeseman KH, et al. **FEBS Lett** 1985 May 20;184(2):343-6

GTP enhances inositol trisphosphate-stimulated Ca2+ release from rat liver microsomes. Dawson AP. **FEBS Lett** 1985 Jun 3;185(1):147-50

Isolation from the microsomal fraction of rat liver of a subfraction highly enriched in uncoated endocytic vesicles with high H+-ATPase activity and a 50 kDa phosphoprotein. Flatmark T, et al. **FEBS Lett** 1985 Sep 2;188(2):273-80

Catalytic activity of the membrane-bound methylcholanthrene-inducible cytochrome P-450. Grishanova AYu, et al. **FEBS Lett** 1985 Jan 1;179(1):74-6

Vitamin K-dependent carboxylation: inhibition by a peptide containing 4-methylene glutamic acid. Guibé E, et al. **FEBS Lett** 1984 Nov 19;177(2):265-8

Microsomal membranes contain phosphatidylcholine that equilibrates across the bilayer, and phosphatidylcholine that does not. Hutson JL, et al. **FEBS Lett** 1985 Apr 8;183(1):145-50

Long-chain fatty acids and their acyl-CoA esters cause the translocation of phosphatidate phosphohydrolase from the cytosolic to the microsomal fraction of rat liver. Martin-Sanz P, et al. **FEBS Lett** 1984 Oct 1;175(2):284-8

Hydrocarbon hydroxylation system in liver microsomes from four animal species. Perdu-Durand EF, et al. **Food Chem Toxicol** 1985 Mar;23(3):363-6

Alpha-hydroxylation and mutagenicity of unsymmetrical N-nitrosodialkylamines with a butyl group. Suzuki E, et al. **Gann** 1985 Mar;76(3):184-91

UDP-glucuronyltransferase-catalyzed deconjugation of bilirubin monoglucuronide. Cuypers HT, et al. **Hepatology** 1984 Sep-Oct;4(5):918-22

Polyamines stimulate hGH receptor-binding in liver microsomes. D'Abronzo FH, et al. **Horm Metab Res** 1985 Mar;17(3):168

The influence of glucose and insulin infusion on in vitro T4 Monodeiodination in rat liver microsomes. Grau R, et al. **Horm Metab Res [Suppl]** 1984;14:62-5

Biochemical characteristics of iodothyronine monodeiodination by rat liver microsomes: the interaction between iodothyronine substrate analogs and the ligand binding site of the iodothyronine deiodinase resembles that of the TBPA-iodothyronine ligand binding. Köhrle J, et al. **Horm Metab Res [Suppl]** 1984;14:42-55

Metabolic inactivation of N-nitrosamines by cytochrome P-450 in vitro and in vivo. Appel KE, et al. **IARC Sci Publ** 1984;(57):443-51

Inhibition of target tissue activation of N'-nitrosonornicotine and N-nitrosopyrrolidine by dietary components. Chung FL, et al. **IARC Sci Publ** 1984;(57):797-804

Biochemical and biological properties of prospective N-nitrodialkylamine metabolites and their derivatives. Frei E, et al. **IARC Sci Publ** 1984;(57):491-7

Metabolism and activation of 1,1-dimethylhydrazine and methylhydrazine, two products of N-nitrosodimethylamine reductive biotransformation. Godoy HM, et al. **IARC Sci Publ** 1984;(57):479-84

Effects of fluorination on in-vitro metabolism and biological activity of N-nitrosodialkylamines. Janzowski C, et al. **IARC Sci Publ** 1984;(57):553-8

Effect of ascorbic acid and some reducing agents on N-nitrosopiperidine metabolism by liver microsomes. Nakamura M, et al. **IARC Sci Publ** 1984;(57):547-52

Effect of disulfiram on N-nitroso-N-methylbenzylamine metabolism. Biochemical aspects. Schweinsberg F, et al. **IARC Sci Publ** 1984;(57):525-32

Metabolism of N-nitrodialkylamines. Suzuki E, et al. **IARC Sci Publ** 1984;(57):485-90

Conversion of dolichyl pyrophosphate N,N'-diacetylchitobiose to lipid-tri- to heptasaccharides by liver microsomes from hibernating ground squirrels (Citellus citellus L.). Panayotov BN, et al. **Int J Biochem** 1985;17(6):713-7

The homogeneity of rat liver microsomal cytochrome P-448 activity and its role in the activation of benzo[a]pyrene to mutagens. Phillipson CE, et al. **Int J Biochem** 1985;17(1):37-42

Biosynthesis of lipid-linked oligosaccharides by microsomes from virus induced Hepatoma MC-29. Dependence of some glycosyl transferases on dolichyl phosphates of different chain length. Tosheva RT, et al. **Int J Biochem** 1985;17(1):135-8

Effect of nucleotides on the incorporation of myo-inositol into phosphatidylinositol in rat liver microsomes. Zborowski J, et al. **Int J Biochem** 1984;16(12):1367-71

Insulin binding to liver microsomes from lean and obese swine during growth to market weight. Meserole VK, et al. **J Anim Sci** 1984 Sep;59(3):650-7

Neonatal testosterone imprinting of hepatic microsomal drug metabolism and a male-specific form of cytochrome P-450 in the rat. Kamataki T, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1939-42

Studies on the mode of action of sterol carrier protein in the dehydrogenation of 5-cholest-7-en-3 beta-ol. Burton P, et al. **J Biol Chem** 1985 Jun 25;260(12):7289-94

Direct evidence for the transmembrane orientation of the hepatic glycoprotein receptors. Chiacchia KB, et al. **J Biol Chem** 1984 Dec 25;259(24):15440-6

The stereochemistry of hydrogen abstraction in vitamin K-dependent carboxylation. Decottignies-Le Maréchal P, et al. **J Biol Chem** 1984 Dec 25;259(24):15010-2

The effect of inositol trisphosphate on Ca2+ fluxes in insulin-secreting tumor cells. Joseph SK, et al. **J Biol Chem** 1984 Nov 10;259(21):12952-5

Benzo(a)pyrene activation to 7,8-dihydrodiol 9,10-oxide by rat liver microsomes. Control by selective product inhibition. Keller GM, et al. **J Biol Chem** 1984 Nov 25;259(22):13770-6

New pathway for retinol metabolism in liver microsomes. Leo MA, et al. **J Biol Chem** 1985 May 10;260(9):5228-31

Decreased transfer of oligosaccharide from oligosaccharide-lipid to protein acceptors in regenerating rat liver. Oda-Tamai S, et al. **J Biol Chem** 1985 Jan 10;260(1):57-63

Liver ischemia increases the molecular order of microsomal membranes by increasing the cholesterol-to-phospholipid ratio. Petrovich DR, et al. **J Biol Chem** 1984 Nov 10;259(21):13217-23

On the mechanism of action of cytochrome P-450. Oxidation and reduction of the ferrous dioxygen complex of liver microsomal cytochrome P-450 by cytochrome b5. Pompon D, et al. **J Biol Chem** 1984 Dec 25;259(24):15377-85

Interaction of cytochrome P-450 with a hydroperoxide derived from butylated hydroxytoluene. Mechanism of isomerization. Thompson JA, et al. **J Biol Chem** 1985 Sep 5;260(19):10637-44

Cytochrome P-450-dependent oxidation of lanosterol in cholesterol biosynthesis. Microsomal electron transport and C-32 demethylation. Trzaskos JM, et al. **J Biol Chem** 1984 Nov 10;259(21):13402-12

Differential stereoselectivity of cytochromes P-450b and P-450c in the formation of naphthalene and anthracene 1,2-oxides. The role of epoxide hydrolase in determining the enantiomer composition of the 1,2-dihydrodiols formed. van Bladeren PJ, et al. **J Biol Chem** 1985 Aug 25;260(18):10226-35

The obligatory intermediacy of 16,17 alpha- and 16,17 beta-epoxides in the biotransformation of androsta-5,16-dien-3 beta-ol to androst-5-ene-3 beta, 16 alpha, 17 beta- and -3 beta, 16 beta, 17 alpha-triols by male rat liver microsomes. Watabe T, et al. **J Biol Chem** 1985 Jul 25;260(15):8716-20

Hepatic microsomal glucuronidation of bilirubin in unilamellar liposomal membranes. Implications for intracellular transport of lipophilic substrates. Whitmer DI, et al. **J Biol Chem** 1984 Oct 10;259(19):11969-75

Segregation of the polypeptide translocation apparatus to regions of the endoplasmic reticulum containing ribophorins and ribosomes. I. Functional tests on rat liver microsomal subfractions. Amar-Costesec A, et al. **J Cell Biol** 1984 Dec;99(6):2247-53

Analysis of p-hydroxyphenytoin in microsomal reactions by high-performance liquid chromatography with electrochemical detection. Kapetanovic IM, et al. **J Chromatogr** 1984 Oct 12;310(2):418-23

Relationship of oxygen and glutathione in protection against carbon tetrachloride-induced hepatic microsomal lipid peroxidation and covalent binding in the rat. Rationale for the use of hyperbaric oxygen to treat carbon tetrachloride ingestion. Burk RF, et al. **J Clin Invest** 1984 Dec;74(6):1996-2001

Benzo(a)pyrene metabolism in hepatic microsomes from feral and 3-methycholanthrene-treated southern flounder, Paralichthys lethostigma. Little PJ, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul;5(4-5):309-20

Stimulation by unsaturated fatty acid of squalene uptake in rat liver microsomes. Chin J, et al. **J Lipid Res** 1985 Jul;26(7):819-23

Effect of alpha-tocopherol on lipid peroxidation and acyl chain mobility of liver microsomes from vitamin E-difficient rat. Ohki K, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Jun;30(3):221-34

An induction effect of phenobarbital on rat liver microsomal 4-hydroxylation of estradiol 17-sulfate. Watanabe K, et al. **J Pharmacobiodyn** 1984 Sep;7(9):699-701

High accumulation of 2,3,4,7,8-pentachlorodibenzofuran to hepatic microsomes of rats. Yoshimura H, et al. **J Pharmacobiodyn** 1984 Jun;7(6):414-9

Hepatic and pulmonary microsomal metabolism of naphthalene to glutathione adducts: factors affecting the relative rates of conjugate formation. Buckpitt AR, et al. **J Pharmacol Exp Ther** 1984 Nov;231(2):291-300

Estrogen metabolism in rat liver microsomal and isolated hepatocyte preparations--II. Inhibition studies. Brueggemeier RW, et al. **J Steroid Biochem** 1984 Dec;21(6):709-16

Metabolism of lynestrenol: characterization of 3-hydroxylation using rabbit liver microsomes in vitro. Yasuda J, et al. **J Steroid Biochem** 1984 Dec;21(6):777-80

Stereoselective metabolism of 8- and 9-fluorobenzo[a]pyrene by rat liver microsomes: absolute configurations of trans-dihydrodiol metabolites. Chou MW, et al. **J Toxicol Environ Health** 1984;14(2-3):211-23

Effects of diethylhydroxylamine on hepatic microsomal lipid peroxidation and glutathione S-transferases. Reddy CC, et al. **J Toxicol Environ Health** 1985;15(3-4):467-75

Effects of riboflavin deficiency on metabolism of nitrosamines by rat liver microsomes. Wang T, et al. **JNCI** 1985 Jun;74(6):1291-7

Enhancement of the binding of O-ethyl O-p-nitrophenyl phenylphosphonate (EPNoxon) to microsomal carboxylesterase by NAD in vitro. Sugiyama S, et al. **Jpn J Pharmacol** 1985 Jan;37(1):39-44

NAD-coupled enzymatic oxidation of O-ethyl O-p-nitrophenyl phenylphosphonothioate (EPN) to its oxygen analog with liver microsomes of rats. Sugiyama S, et al. **Jpn J Pharmacol** 1985 Mar;37(3):245-52

Propane and propylene formation during the microsomal metabolism of iproniazid and isopropylhydrazine. Moloney SJ, et al. **Life Sci** 1985 Mar 11;36(10):947-54

Age-dependent alterations in the physicochemical properties of rat liver microsomes. Schmucker DL, et al. **Mech Ageing Dev** 1984 Oct 15;27(2):207-17

Purification from rabbit and rat liver of cytochromes P-450 involved in bile acid biosynthesis. Andersson S, et al. **Methods Enzymol** 1985;111:364-77

Prolactin receptor in rat liver: sex difference in estrogenic stimulation and imprinting of the responsiveness to estrogen by neonatal androgen in male rats. Tsim KW, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):99-105

Stereoselective metabolism of 7-chlorobenz(a)anthracene by rat liver microsomes. Absolute configurations and optical purities of trans-dihydrodiol metabolites. Fu PP, et al. **Mol Pharmacol** 1985 Jul;28(1):62-71

Mechanism of microsomal metabolism of benzene to phenol. Hinson JA, et al. **Mol Pharmacol** 1985 May;27(5):574-7

Characterization of the oxidation of amine metabolites of nitrotoluenes by rat hepatic microsomes. N- and C-hydroxylation. Kedderis GL, et al. **Mol Pharmacol** 1985 Aug;28(2):207-14

Catechol formation of fluoro- and bromo-substituted estradiols by hamster liver microsomes. Evidence for dehalogenation. Li JJ, et al. **Mol Pharmacol** 1985 May; 27(5):559-65

Variations among untreated rabbits in benzo(a)pyrene metabolism and its modulation by 7,8-benzoflavone. Raucy JL, et al. **Mol Pharmacol** 1985 Feb;27(2):296-301

Participation of a rat liver cytochrome P-450 induced by pregnenolone 16 alpha-carbonitrile and other compounds in the 4-hydroxylation of mephenytoin. Shimada T, et al. **Mol Pharmacol** 1985 Aug;28(2):215-9

Mutation induction in Escherichia coli incubated in the reaction mixture of NADPH-dependent lipid peroxidation of rat-liver microsomes. Akasaka S, et al. **Mutat Res** 1985 May;149(3):321-6

Mutagenicity of derivatives and metabolites of 1-nitropyrene: activation by rat liver S9 and bacterial enzymes. Ball LM, et al. **Mutat Res** 1984 Nov-Dec;138(2-3):113-25

The Salmonella/mammalian microsome mutagenicity test: comparison of human and rat livers as activating systems. Beaune P, et al. **Mutat Res** 1985 Jun;156(3):139-46

The action of anticlastogens in human lymphocyte cultures and its modification by rat liver S9 mix. I. Studies with AET and sodium fluoride. Gebhart E, et al. **Mutat Res** 1984 Nov;129(2):195-206

2-Hydroxyemodin, an active metabolite of emodin in the hepatic microsomes of rats. Masuda T, et al. **Mutat Res** 1985 May;149(3):327-32

Experimentally proved biosynthesis of vitamin C in a guinea pig. Zloch Z, et al. **Naturwissenschaften** 1984 Oct; 71(10):533-4

Bioorganotin chemistry: a commentary on the reactions of organotin compounds with a cytochrome P-450 dependent monooxygenase enzyme system. Fish RH. **Neurotoxicology (Park Forest II)** 1984 Summer;5(2):159-61

Effect of pregnenolone-16 alpha-carbonitrile and other microsomal enzyme inducers on drug metabolism and some parameters of adjuvant induced disease in rats. Kourounakis P, et al. **Pharm Acta Helv** 1984;59(12):348-52

Inhibition of metabolism of the 'nonclassical' antifolate, trimetrexate (2,4-diamino-5-methyl-6-[(3,4,5-trimethoxyanilino)methy by drugs containing an imidazole moiety. Heusner JJ, et al. **Pharmacology** 1985;30(5):266-72

Alterations in hepatic microsomal drug metabolism and cytochrome P-450 proteins in spontaneously hypertensive rats. Merrick BA, et al. **Pharmacology** 1985;30(3):129-35

Studies on the activities of tannins and related compounds; V. Inhibitory effects on lipid peroxidation in mitochondria and microsomes of liver. Kimura Y, et al. **Planta Med** 1984 Dec;50(6):473-7

Biosynthetic incorporation of cis-parinaric acid into radioactive sn-3-phosphatidic acid. Stuhne-Sekalec L, et al. **Prep Biochem** 1985;15(1-2):35-47

Characterization of a human liver cytochrome P-450 involved in the oxidation of debrisoquine and other drugs by using antibodies raised to the analogous rat enzyme. Distlerath LM, et al. **Proc Natl Acad Sci USA** 1984 Dec; 81(23):7348-52

Placental lactogen administration reverses the effect of low-protein diet on maternal and fetal serum somatomedin levels in the pregnant rat. Pilistine SJ, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5853-7

In vitro metabolism of 8-methoxypsoralen. Sharp DE, et al. **Proc West Pharmacol Soc** 1984;27:255-8

On the mechanisms of the inhibition of calcium sequestering activity of liver microsomes in bromotrichloromethane intoxication. Fulceri R, et al. **Res Commun Chem Pathol Pharmacol** 1984 Nov; 46(2):235-43

Effects of butylated hydroxyanisole (BHA) and butylated hydroxytoluene (BHT) on metabolism of N,N-dimethyl-4-aminoazobenzene (DAB) by rat liver microsomes. Levine WG. **Res Commun Chem Pathol Pharmacol** 1984 Oct; 46(1):113-20

Kinetics of microsomal metabolism of quinidine in rats. Rakhit A, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jul;49(1):109-24

Effect of the antioxidant (+)-cyanidanol-3 on H2O2 formation and lipid peroxidation in liver microsomes. Ritter J, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan; 47(1):48-58

Liver retinoids and retinol esterification in fetal and pregnant rats at term. Rasmussen M, et al. **Scand J Gastroenterol** 1985 Aug;20(6):696-700

Studies on the structure-activity relationships for the metabolism of polybrominated biphenyls by rat liver microsomes. Mills RA, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):96-104

Reduction of 2,4-dinitrotoluene by Wistar rat liver microsomal and cytosol fractions. Mori M, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):105-12

The modulation by arylamines of the in vitro formation of superoxide anion radicals and hydrogen peroxide by rat liver microsomes. Manno M, et al. **Toxicol Lett** 1985 May; 25(2):121-30

Enzymatic denitrification of 2-nitropropane in uninduced mouse liver microsomes. Marker EK, et al. **Toxicol Lett** 1985 Aug;26(2-3):181-5

Lipid composition and monooxygenase relationship in liver microsomal membranes from rats fed unbalanced diets. Narbonne JF, et al. **Toxicol Lett** 1984 Oct;23(1):73-7

Lipid peroxidation and lipid antioxidants in normal and tumor cells. Cheeseman KH, et al. **Toxicol Pathol** 1984;12(3):235-9

Effect of synthetic antioxidants on hydrogen peroxide formation, oxyferro cytochrome P-450 concentration and oxygen consumption in liver microsomes. Rössing D, et al. **Toxicology** 1985 Jan;34(1):67-77

Ligand-complex formation between cytochromes P-450 and P-448 and methylenedioxyphenyl compounds. Delaforge M, et al. **Xenobiotica** 1985 Apr;15(4):333-42

Association between progesterone binding and cytochrome P-450 content of hepatic microsomes in the rat treated with cobalt-haem. Feuer G, et al. **Xenobiotica** 1985 May; 15(5):407-12

Epoxidation of the lindane metabolite, beta-PCCH, by human- and rat-liver microsomes. Fitzloff JF, et al. **Xenobiotica** 1984 Jul;14(7):599-604

Spectral and inhibitory interactions of methylenedioxyphenyl and related compounds with purified isozymes of cytochrome P-450. Marcus CB, et al. **Xenobiotica** 1985 Apr;15(4):351-62

Influence of cytochrome P-450 type on the pattern of conjugation of 7-hydroxycoumarin generated from 7-alkoxycoumarins. Paterson P, et al. **Xenobiotica** 1984 Nov;14(11):849-59

[Effect of artane on the rate of chlorpromazine metabolism in the mouse liver microsomal system] Wu Y, et al. **Yao Hsueh Hsueh Pao** 1984 Feb;19(2):96-100 (Eng. Abstr.) **(Chi)**

[Diminished activity of testosterone-16-alpha hydroxylase in bovine liver microsomes] Depelchin BO. **Ann Rech Vet** 1984;15(4):515-8 (Eng. Abstr.) **(Fre)**

[In vitro study of delta 6- and delta 5-desaturations of linoleic and dihomo-gamma-linolenic acids during the development of arterial hypertension as a function of age in spontaneously hypertensive rats (SHR) as compared to normotensive rats (WKY)] Narce M, et al. **C R Soc Biol (Paris)** 1984;178(4):458-66 (Eng. Abstr.) **(Fre)**

[The effect of dietary lipids on microsomal electron transport proteins in the rat] Domke I, et al. **Ann Nutr Metab** 1984; 28(5):261-7 (Eng. Abstr.) **(Ger)**

[In vitro studies on the microsomal N-oxidation of N-substituted benzamidines] Clement B. **Arch Pharm (Weinheim)** 1984 Nov;317(11):925-33 (Eng. Abstr.) **(Ger)**

[Functional coupling of the calcium pump and glucose 6-phosphatase activity in liver microsomes: preliminary results] Benedetti A, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1317-23 (Eng. Abstr.) **(Ita)**

[Inhibition of the calcium-sequestering activity of liver microsomes in monobromotrichloromethane poisoning: preliminary studies on possible mechanisms] Fulceri R, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1457-63 (Eng. Abstr.) **(Ita)**

[Microsomal cytochromes P-450 of liver cells and industrial and environmental xenobiotics] Lutz W. **Postepy Hig Med Dosw** 1984 Jul-Aug;38(4):451-80 (130 ref.) (Eng. Abstr.) **(Pol)**

[Effect of butylhydroxytoluene on metabolic activation and inactivation of diethylnitrosamine in liver microsomes of rats] Koen IaM, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):203-6 **(Rus)**

[Prostaglandin metabolism in the liver of rats with different preferences for ethanol] Buko VU. **Vopr Med Khim** 1984; 30(6):61-4 (Eng. Abstr.) **(Rus)**

[Interrelation of the processes of lipid peroxidation and hydroxylation in the liver microsomal fraction of white rats with alloxan diabetes] Karagezian KG, et al. **Vopr Med Khim** 1985 Mar-Apr;31(2):62-4 (Eng. Abstr.) **(Rus)**

[Interaction of methylmethacrylate and acrylamide with the microsomal oxidation system of the rat liver] Kotlovskii IuV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):44-7 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Influence of dietary partially hydrogenated vegetable and marine oils on membrane composition and function of liver microsomes and platelets in the rat. Blomstrand R, et al. **Lipids** 1985 May;20(5):283-95

[Effects of in vivo hyperthermo-chemotherapeutic perfusion of the normal and regenerating liver on the aminopyrine breath test in the rats] Miyazaki M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):255-60 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

Radioprotective effect of 2-mercaptopropionylglycine on radiation-induced microsomal lipid peroxidation. Ayene SI, et al. **Int J Radiat Biol** 1985 Aug;48(2):197-205

[Effect of x-irradiation on the generation of O2- in rat liver microsomes] Gorodovikova EN, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):165-8 (Eng. Abstr.) **(Rus)**

[The role of lipid components of microsomal membranes of hepatocytes of the central Asian turtle in the actualization of radiation injuries] Ivanov VI, et al. **Radiobiologiia** 1985 Mar-Apr;25(2):191-5 (Eng. Abstr.) **(Rus)**

ULTRASTRUCTURE

Electron paramagnetic resonance studies of membrane proteins in hepatic microsomes. Barber MJ, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):159-68

Evidence against an abnormal hepatic microsomal lipid matrix as the primary genetic defect in the jaundiced Gunn rat. Whitington PF, et al. **Biochim Biophys Acta** 1985 Feb 14;812(3):774-8

MICROSPHERES

see related

ENZYMES, IMMOBILIZED

Fluorescent microsphere detection of surface antigens and simultaneous cytochemistries in individual hematopoietic cells. Mirro J, et al. **Am J Clin Pathol** 1985 Jan;83(1):7-11

Regional cochlear blood flow studied by observation of microspheres in serial sections. Angelborg C, et al. **Ann Otol Rhinol Laryngol** 1985 Mar-Apr;94(2 Pt 1):181-5

Agarose-polyaldehyde microsphere beads: synthesis and biomedical applications. Cell labeling, cell separation, affinity chromatography, and hemoperfusion. Margel S. **Appl Biochem Biotechnol** 1983 Dec;8(6):523-39

Tracer microspheres as compliance markers in clinical research. Wolen RL, et al. **Controlled Clin Trials** 1984 Dec; 5(4 Suppl):540-3

Determination of the regional cochlear blood flow in the rat cochlea using non-radioactive microspheres and serially sectioned cochleas. Larsen HC, et al. **Hear Res** 1984 Nov; 16(2):127-32

Computerized reconstruction of the regional blood flow in the rodent cochlea. Siepecky N, et al. **Hear Res** 1984 Aug; 15(2):95-101

Formation of encapsulated hydrophilic polymer beads by combined techniques of bead polymerization and phase separation. Suryakusuma H, et al. **J Pharm Pharmacol** 1984 Aug;36(8):493-6

Entrainment of microspheres within blood flowing through microarteries. Harell GS, et al. **Mt Sinai J Med (NY)** 1984 Jul-Aug;51(4):552-8

Tissue blood flow and localization of arteriovenous anastomoses in pigs with microspheres of four different sizes. Saxena PR, et al. **Pflugers Arch** 1985 Feb; 403(2):128-35

Gelatin gel beads as an embolic agent. Co CS, et al. **Radiat Med** 1983 Oct-Dec;1(4):268-73

[Methods of preparing factor VIII. II. Preparation of a highly purified concentrate using CPG (controlled pore glass)] Perote P, et al. **Sangre (Barc)** 1984;29(4-A):457-66 (Eng. Abstr.) **(Spa)**

MICROSPORUM

Follow-up study on Microsporum canis infections in Stockholm, Sweden [letter] Emtestam L, et al. **Acta Derm Venereol (Stockh)** 1984;64(5):456

CLASSIFICATION

Serological analysis of dermatophyte isolates with monoclonal antibodies produced against Microsporum canis. Polonelli L, et al. **J Clin Microbiol** 1985 Jan; 21(1):138-9

Analytical isoelectric focusing of secreted dermatophyte proteins applied to taxonomic differentiation of Microsporum and Trichophyton species (preliminary studies). Jeffries CD, et al. **Sabouraudia** 1984;22(5):369-79

DRUG EFFECTS

[Disinfection for dermatomycoses in veterinary practice] Rybnikář A, et al. **Vet Med (Praha)** 1985 Feb;30(2):119-28 (Eng. Abstr.) **(Cze)**

IMMUNOLOGY

Studies on haemagglutinins of Microsporum gypseum. Refai M, et al. **Mykosen** 1985 Feb;28(2):85-9

ISOLATION & PURIFICATION

Favus in a fighting cock caused by Microsporum gallinae. Fonseca E, et al. **Avian Dis** 1984 Jul-Sep;28(3):737-41

A clinical and mycologic study of tinea corporis and pedis in Puerto Rico. Vázquez M, et al. **Int J Dermatol** 1984 Oct;23(8):550-1

Microsporum canis infection in Slovenia (Yugoslavia) 1952-1983. Lunder M. **Mykosen** 1984 Oct;27(10):514-8

[Microsporum nanum. Report of the 2d case of human infection in Brazil] Camargo RM, et al. **Rev Inst Med Trop Sao Paulo** 1984 May-Jun;26(3):165-9 (Eng. Abstr.) **(Por)**

[Atypical strains of Microsporum canis] Avarez DP, et al. **Rev Latinoam Microbiol** 1984 Jan-Mar;26(1):81-5 (Eng. Abstr.) **(Spa)**

[Tinea caused by Microsporum canis in children under 30 days of age] Zaror L, et al. **Sabouraudia** 1985 Feb;23(1):1-5

(Eng. Abstr.) (Spa)

METABOLISM

Cystine metabolism in the dermatophyte Microsporum gypseum. I. Utilization of cystine in media containing glucose. Kunert J. **Acta Univ Palacki Olomuc Fac Med** 1985;108:39-52

Metabolism of sulfur-containing amino acids in the dermatophyte Microsporum gypseum. I. Neutral amino acids. Kunert J. **J Basic Microbiol** 1985;25(1):29-37

Metabolism of sulfur-containing amino acids in the dermatophyte Microsporum gypseum. II. Acidic amino acid derivatives. Kunert J. **J Basic Microbiol** 1985; 25(2):111-8

Lipids of dermatophytes II. Effect of growth condition on the lipid composition and membrane transport of Microsporum gypseum. Larroya S, et al. **Lipids** 1985 Jan; 20(1):11-5

ULTRASTRUCTURE

A method for isolation of protoplasts from dermatophytes. Srikantha T, et al. **J Gen Microbiol** 1984 Jun;130 (Pt 6):1503-6

MICROSTOMIA see under **MOUTH DISEASES**

MICROSURGERY

Sensitive fasciocutaneous flaps with nervus cutaneous femoris lateralis and nervus saphenous. A preparatory study. Riebelová V, et al. **Acta Chir Plast** 1985;27(2):104-12

Emergency versus elective microsurgery. Eibschitz I, et al. **Acta Eur Fertil** 1984 Jul-Aug;15(4):253-6

Problems in management of Cushing's disease. Morán C, et al. **Arch Invest Med (Mex)** 1985 Jan-Mar;16(1):19-28 **(Eng, Spa)**

Terminoterminal microanastomosis. A scanning electron microscopy study. Solís-Durán C, et al. **Arch Invest Med (Mex)** 1984 Apr-Jun;15(2):109-17 **(Eng, Spa)**

The focal nature of retinal illumination from the operating microscope. Irvine AR, et al. **Arch Ophthalmol** 1985 Apr; 103(4):549-50

Fulguration versus resection of experimental endometrial peritoneal implants in the rat. Golan A, et al. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):286-8

Indications for the treatment of tubal infertility patients by microsurgery or in vitro fertilization. Paterson PJ. **Aust NZ J Obstet Gynaecol** 1984 Nov;24(4):262-4

One millimetre polytetrafluoroethylene (Gore-Tex) as a microvascular prosthesis: technique and early patency. O'Brien CJ, et al. **Aust NZ J Surg** 1984 Oct;54(5):469-76

British Microsurgical Society meeting. London, 17-18 September 1984. Abstracts. **Br J Plast Surg** 1985 Jul; 38(3):435-45

Plastic and reconstructive surgery. Microvascular surgery. Davies DM. **Br Med J [Clin Res]** 1985 Mar 23; 290(6472):910-2

Thermocouple probe monitoring for free tissue transfer, replantation, and revascularization procedures. May JW Jr, et al. **Clin Plast Surg** 1985 Apr;12(2):197-207

Microsurgery update 1982-1984. **Dev Ophthalmol** 1985; 11:1-206

Clinical neuro-physiology and rehabilitative functional microsurgery [editorial] Liberson WT. **Electromyogr Clin Neurophysiol** 1985 Mar-Apr; 25(2-3):83-6

Microsurgical transposition of the human fallopian tube and ovary with subsequent intrauterine pregnancy. Gomel V, et al. **Fertil Steril** 1985 May;43(5):804-8

Gynaecological microsurgery--a review of 43 cases. Bowman PR. **Ir J Med Sci** 1985 Jun;154(6):240-1

Experimental endometriosis: a microsurgical animal model in rats. Golan A, et al. **Isr J Med Sci** 1984 Nov; 20(11):1094-6

The external ring technique for end-to-side microvascular anastomosis. Cheema TA, et al. **J Hand Surg [Am]** 1985 Jan;10(1):151

Microsurgical reconstruction of the trachea in rats (an experimental study). Moussa SA, et al. **J Laryngol Otol** 1985 Jan;99(1):61-71

The reversal of female sterilization by microsurgery: experiences with first 50 cases. Limpaphayom K. **J Med Assoc Thai** 1985 May;68(5):237-42

Microsurgical resection of AV malformations from vital areas of the brain. Hubschmann OR, et al. **J Med Soc NJ** 1984 Oct;81(10):870-4

Microsurgical correction of the injured inferior alveolar nerve. Mozsary PG, et al. **J Oral Maxillofac Surg** 1985 May;43(5):353-8

Interrupted and continuous microarteriorrhaphy techniques: a hemodynamic comparison. Blair WF, et al. **J Orthop Res** 1984;2(4):419-24

Allogenic transplants of bone revascularized by microvascular anastomoses: a preliminary study. Moore JR, et al. **J Orthop Res** 1984;1(4):352-60

An improved method for electron microscopic study (SEM and TEM) of vessel prosthesis anastomoses in microsurgery. Durand M, et al. **J Submicrosc Cytol** 1985 Jul;17(3):429-34

Microscopically controlled surgery in the treatment of carcinoma of the penis. Mohs FE, et al. **J Urol** 1985 Jun; 133(6):961-6

Laser-assisted vascular anastomosis [letter] Jain KK. **Lancet** 1985 Mar 16;1(8429):632

Microscopic anatomy of the adult human brachial plexus: an anatomical and histological basis for microsurgery. Bonnel F. **Microsurgery** 1984;5(3):107-18

Efficacy of polyglycolic acid (Dexon) microsutures in peripheral nerve anastomoses in the rat: 2. Perineural suture. Lee S, et al. **Microsurgery** 1984;5(3):123-6

Immediate and prolonged effects of dihydroergocryptine after experimental vascular microsurgery. Merle M, et al. **Microsurgery** 1985;6(1):49-52

Organization and implementation of a community hospital microsurgical service for the management of amputation injuries. Mirza MA, et al. **Microsurgery** 1984;5(3):136-9

The free latissimus dorsi flap in reconstructive microsurgery. Smith AR, et al. **Neth J Surg** 1985 Feb;37(1):7-10

Trans-sphenoidal microsurgical treatment of Nelson's syndrome. Fukushima T. **Neurosurg Rev** 1985; 8(3-4):185-94

Microsurgical recovery of a migrated balloon from the internal carotid artery of a child. Tranmer BI, et al. **Neurosurgery** 1985 Mar;16(3):381-6

Microsurgical excision of paraventricular arteriovenous malformations. U HS. **Neurosurgery** 1985 Mar; 16(3):293-303

Replantation of the testis by microsurgical technique. Lin SD, et al. **Plast Reconstr Surg** 1985 Oct;76(4):620-5

Early changes in dissected small vessels: experimental study on rat arteries and veins. Margić K. **Plast Reconstr Surg** 1985 Mar;75(3):375-83

Anaesthesia for microsurgery. Jakubowski M, et al. **S Afr Med J** 1985 Apr 13;67(15):581-4

Late patency of clinical microvascular anastomoses to free composite tissue transplants. I. Angiographical aspects. Krag C, et al. **Scand J Plast Reconstr Surg** 1985;19(1):65-72

Late patency of clinical microvascular anastomoses to free composite tissue transplants. II. Hemodynamical aspects. Krag C, et al. **Scand J Plast Reconstr Surg** 1985;19(1):73-9

A microsurgical anterior osteophytectomy for cervical spondylotic myelopathy. Kadoya S, et al. **Spine** 1984 Jul-Aug;9(5):437-41

Glossopharyngeal neuralgia with cardiac syncope. A case successfully treated by microvascular decompression. Tsuboi M, et al. **Surg Neurol** 1985 Sep;24(3):279-83

Laser-assisted microvascular anastomoses: angiographic and anatomopathologic studies on growing microvascular anastomoses: preliminary report. Frazier OH, et al. **Surgery** 1985 May;97(5):585-90

Microsurgery as an adjunct to reconstructive surgery at the Medical College of Wisconsin. Cunningham MW, et al. **Wis Med J** 1984 Oct;83(10):27-30

[Advances in microsurgery] **Chung Hua I Hsueh Tsa Chih** 1984 Sep;64(9):530-40 **(Chi)**

[Anatomic characteristics of a neurovascular pedicle of the latissimus dorsi muscle and its application in microsurgery] Chen LE. **Chung Hua Wai Ko Tsa Chih** 1984 Apr; 22(4):211-3 (Eng. Abstr.) **(Chi)**

[Microsurgical cure of the cause of facial hemispasm] Zvěřina E. **Cas Lek Cesk** 1985 Mar 1;124(9):263-5 (Eng. Abstr.) **(Cze)**

[Microsurgical treatment of female sterility--selection and preparation of patients, peroperative precautions and postoperative care] Ventruba P, et al. **Cesk Gynekol** 1985 May;50(4):277-83 **(Cze)**

[Microsurgical reconstruction of the facial nerve] Tabakov D, et al. **Cesk Neurol Neurochir** 1984 Nov;47(6):356-61 (Eng. Abstr.) **(Cze)**

[The role of neurovascular microsurgery in modern reconstructive surgery] Fára M, et al. **Rozhl Chir** 1985 Feb; 64(2):65-74 (Eng. Abstr.) **(Cze)**

[Anesthesia and homeostasis in microsurgical procedures] Getlík P. **Rozhl Chir** 1985 Feb;64(2):75-8 (Eng. Abstr.) **(Cze)**

[The role of microsurgery in urology] Sarramon JP. **Ann Urol (Paris)** 1984 Apr;18(2):77-9 **(Fre)**

[Microsurgery of retinal detachment in aphakic patients] Bonnet M, et al. **Bull Soc Ophtalmol Fr** 1983 Nov; 83(11):1291-5 **(Fre)**

[Comparison of traditional and microsurgical methods in reconstructive surgery of the limbs] Egloff DV, et al. **Helv Chir Acta** 1985 Apr;52(1):107-12 (Eng. Abstr.) **(Fre)**

[Vascular surgery on sick tissue] Rheiner P. **Helv Chir Acta** 1985 Apr;52(1):113-8 (Eng. Abstr.) **(Fre)**

[Microsurgery of retinal detachment after perforating injury] Bonnet M. **J Fr Ophtalmol** 1984;7(12):801-6 (Eng. Abstr.) **(Fre)**

[Distal tubal obstructions: microsurgery or in vitro fertilization] Mage G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):933-7 (Eng. Abstr.) **(Fre)**

[Microsurgery of dental caries: utopia or reality?] Dechaume M. **Rev Stomatol Chir Maxillofac** 1984;85(4):341 **(Fre)**

[Anatomic studies of the fascicular structure of individual cranial nerves as a principle in the prevention of failures in microsurgical nerve suture] Neukam FW, et al. **Fortschr Kiefer Gesichtschir** 1985;30:51-4 **(Ger)**

[Antithrombin III--an important factor in long-lasting microvascular operations] Partecke BD, et al. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):81-5 (Eng. Abstr.) **(Ger)**

[Microvascular reconstruction of peripheral blood vessel occlusions in the hand and fingers] Brennwald J, et al. **Helv Chir Acta** 1985 Apr;52(1):103-5 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of microsurgery. Pituitary adenomas] Probst C. **Schweiz Rundsch Med Prax** 1984 Aug 7; 73(32):975-81 (Eng. Abstr.) **(Ger)**

[Possibilities and limits of microsurgery of tumors of the sellar region. Meningiomas, craniopharyngiomas] Probst C. **Schweiz Rundsch Med Prax** 1984 Aug 7;73(32):982-6 (Eng. Abstr.) **(Ger)**

[Need for randomizing microvascular surgical experiments for testing new prosthesis material, with special reference to personal surgical errors from a morphological viewpoint] Zelder O, et al. **Z Exp Chir Transplant Kunstliche Organe** 1984;17(5):259-68 (Eng. Abstr.) **(Ger)**

[Microsurgery for intracranial extension of nasal dermoid sinus] Uri N, et al. **Harefuah** 1984 Sep;107(5-6):133-4 (Eng. Abstr.) **(Heb)**

[The CO2 laser in laryngeal microsurgery] Motta G, et al. **Acta Otorhinolaryngol Ital** 1984 Jan-Feb;4(1):49-68 (Eng. Abstr.) **(Ita)**

[Applications of microsurgery in non-neoplastic injuries of the common bile duct] Martinelli A, et al. **Ann Ital Chir** 1984;56(3):237-47 (Eng. Abstr.) **(Ita)**

[Entrapment syndrome of the nerve of the median gemellus muscle, a branch of the posterior tibial nerve. Description of a case treated by a microsurgical technic] Gazzeri G, et al. **Minerva Chir** 1984 Sep 15;39(17):1147-8 (Eng. Abstr.) **(Ita)**

[Microvascularized free-flaps] Ortensi A, et al. **Minerva Chir** 1984 Aug 15-31;39(15-16):1121-30 (Eng. Abstr.) **(Ita)**

[Microsurgery and tubal sterility] Scarpa F, et al. **Minerva Ginecol** 1985 May;37(5):231-4 (Eng. Abstr.) **(Ita)**

[Microsurgical treatment of traumatic injuries of the facial nerve] Ferreira MC, et al. **AMB** 1984 Sep-Oct; 30(9-10):204-7 (Eng. Abstr.) **(Por)**

[Microsurgery on the peripheral nerves] Ionescu D, et al. **Rev Chir [Chir]** 1984 Sep-Oct;33(5):367-72 (Eng. Abstr.) **(Rum)**

[Microsurgical treatment of tubal sterility] Iakubovich DV. **Akush Ginekol (Mosk)** 1985 Mar;(3):5-8 (33 ref.) **(Rus)**

[Immediate and late results of 350 microsurgical operations in primary glaucoma] Val'kova IV, et al. **Oftalmol Zh** 1984; (4):250-1 **(Rus)**

[Microsuture of cerebral vessels] Pogády P, et al. **Cas Lek Cesk** 1985 Mar 1;124(9):272-3 (Eng. Abstr.) **(Slo)**

[The microsurgical training of the gynecologist] Costoya A, et al. **Rev Chil Obstet Ginecol** 1981;46(4):173-83 (Eng. Abstr.) **(Spa)**

[Results of microsurgery of the pathological fallopian tube and in the reversal of tubal sterilization] Rey González M, et al. **Rev Chil Obstet Ginecol** 1983;48(6):397-402 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Loss of auditory function in microvascular decompression for hemifacial spasm. Results in 143 consecutive cases. Møller MB, et al. **J Neurosurg** 1985 Jul;63(1):17-20

Radial keratotomy [letter] Solomon AS. **Ophthalmic Surg** 1984 Oct;15(10):875-6

ECONOMICS

Relationship of costs and real advantages of microsurgery in urology. Wagenknecht LV. **Microsurgery** 1985; 6(2):103-5

EDUCATION

The effect of training in microsurgery. Oelsner G, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):1054-8

Training in tubal microsurgery. Boeckx W, et al. **Br J Obstet Gynaecol** 1985 Mar;92(3):266-9

A training card for microsurgery. Awwad AM. **Microsurgery** 1984;5(3):160

INSTRUMENTATION

Intraocular micro instruments on miniature handles. Drews RC. **Am J Ophthalmol** 1985 May 15;99(5):611-2

A combination of scissors and micro-forceps: a new microsurgical instrument. Van Twisk R. **Br J Plast Surg** 1984 Oct;37(4):631-2

Microkeratome lamellar corneal resection in the rabbit: a model for experimental study of the effects of Barraquer cryolathing techniques. Robin JB, et al. **CLAO J** 1985 Jan-Mar;11(1):79-81

IOMSG microscope report 1984. Bigar F. **Dev Ophthalmol** 1985;11:5-11

Report on surgical knives or back to the stone age! Huber C. **Dev Ophthalmol** 1985;11:1-4

The effects of magnetic resonance imaging on different types of microsurgical clips [letter] Kean DM, et al. **J Neurol Neurosurg Psychiatry** 1985 Mar;48(3):286-7

The Keith needle for sharp and blunt microdissection.

Technical note. Dagi TF. **J Neurosurg** 1984 Nov;61(5):986

Scanning electron microscopy studies of needle and suture damage in rat carotid and femoral arteries. Longa EZ, et al. **Microsurgery** 1984;5(4):169–74

The microneedleholderscissors and the microforceps. Owen ER. **Microsurgery** 1984;5(4):213–7

New disposable microvascular clamp. Smahel J, et al. **Microsurgery** 1985;6(2):129–31

A new zoom illumination system for constant image brightness at all magnification in the surgical operating microscope. Forster B. **Neurosurg Rev** 1984;7(2–3):109–10

Möller UNIVERSAL operation unit. Klein F. **Neurosurg Rev** 1984;7(2–3):99–102

Zeiss operating microscopes for neurosurgery. Krampe C. **Neurosurg Rev** 1984;7(2–3):89–97

Surgical operating microscopes, series M 600 from WILD Heerbrugg Ltd. Müntener J. **Neurosurg Rev** 1984; 7(2–3):103–7

A simplified light filter for microsurgery. Ellsworth RJ, et al. **Ophthalmic Surg** 1984 Sep;15(9):779

Use of a short wavelength filter in an operating microscope. Keates RH, et al. **Ophthalmic Surg** 1985 Jan;16(1):40–1

Phototoxicity. The eclipse filter. McIntyre DJ. **Ophthalmology** 1985 Mar;92(3):364–5

A microbipolar cautery for use in the middle ear. House JL. **Otolaryngol Head Neck Surg** 1985 Feb;93(1):134–5

Counterbalance system for the Zeiss operating microscope head. Miller GW, et al. **Otolaryngol Head Neck Surg** 1985 Apr;93(2):280–2

Cottonoid strips for background, support, and drainage during microvascular anastomosis [letter] Kaplan HY, et al. **Plast Reconstr Surg** 1985 Jul;76(1):160–1

[Reconstructive microsurgery of the deferens duct. Experimental study of suture material] Lottmann H, et al. **J Chir (Paris)** 1984 Jun–Jul;121(6–7):431–5 (Eng. Abstr.) **(Fre)**

[A manually operated micro-aspiration system for extracapsular cataract extraction] Friedburg D, et al. **Fortschr Ophthalmol** 1984;81(3):250–1 (Eng. Abstr.) **(Ger)**

[Clinical use of a laser coagulator in detachment microsurgery] Winter R. **Fortschr Ophthalmol** 1984; 81(3):254–6 (Eng. Abstr.) **(Ger)**

[Intraperitoneal adhesion formation and tissue reaction following the use of microsurgical suture material] Martius J, et al. **Geburtshilfe Frauenheilkd** 1984 Jul;44(7):468–71 (Eng. Abstr.) **(Ger)**

[Laryngomicrosurgical treatment of synechias in the area of the glottis] Lichtenberger G. **HNO** 1985 May;33(5):213–5 (Eng. Abstr.) **(Ger)**

[Microvascular intraoperative Doppler sonography] Gilsbach JM. **Ultraschall Med** 1984 Oct;5(5):246–54 (Eng. Abstr.) **(Ger)**

[Microsurgical experimental studies in urology and their film documentation] Fuhse J, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):51–8 (Eng. Abstr.) **(Ger)**

[A microscope coupled with an argon laser for microsurgery of retinal detachment] Draeger J, et al. **Klin Oczna** 1985 Feb;87(2):81–2 (Eng. Abstr.) **(Pol)**

[Laser treatment of the eyes of microsurgical needles] Matukhnov VM, et al. **Med Tekh** 1984 Jul–Aug;(4):37 (Eng. Abstr.) **(Rus)**

[Improvements in the OM-2 operating microscope model 178] Postrash VA, et al. **Oftalmol Zh** 1984;(8):502–3 **(Rus)**

[Device for demagnetizing microsurgical instruments] Baranov VI, et al. **Vestn Oftalmol** 1985 May–Jun; 101(3):55–6 **(Rus)**

METHODS

Reorganization of the blood circulation after revascularization of microsurgical free grafts. Belousov AE, et al. **Acta Chir Plast** 1985;27(2):83–90

Results of microsurgical suture in 200 nerves. Ionescu D, et al. **Acta Chir Plast (Prague)** 1984;26(3):166–83

Extradural and intradural microsurgical approaches to lesions of the optic canal and the superior orbital fissure. Hassler W, et al. **Acta Neurochir (Wien)** 1985;74(3–4):87–93

Microsurgery in brachial plexus lesions. Simesen K, et al. **Acta Orthop Scand** 1985 Jun;56(3):238–41

Canine model for microvascular reconstruction of the larynx. Duncavage JA, et al. **Acta Otolaryngol (Stockh)** 1984 Sep–Oct;98(3–4):362–7

Vascularized bone grafts for reconstruction after tumor surgery. Dunham WK, et al. **Ala J Med Sci** 1984 Oct; 21(4):407–11

Globe stabilization in experimental microsurgery. Mosier MA, et al. **Am J Ophthalmol** 1985 Jan 15;99(1):86–7

Surgical management of major congenital malformations of the ear. Chiossone E. **Am J Otol** 1985 May;6(3):237–42

Transmastoid extralabyrinthine approach in traumatic facial palsy. Zini C, et al. **Am J Otol** 1985 May;6(3):216–21

Vein valve transplantation. Taheri SA, et al. **Am J Surg** 1985 Aug;150(2):201–2

Anatomical basis of the microsurgical approach to the pineal gland. Moreau JJ, et al. **Anat Clin** 1985;7(1):3–13

An anastomotic device for microvascular surgery: evolution. Daniel RK, et al. **Ann Plast Surg** 1984 Nov;13(5):402–11

Microsurgical technique in resection of hemangioma in infants. Fujino T, et al. **Ann Plast Surg** 1985 Mar; 14(3):190–204

Predicting the fate of free tissue transfers. Jones BM. **Ann R Coll Surg Engl** 1985 Mar;67(2):63–70

Microarterial anastomosis by invagination. Light microscopy and scanning electron microscopy. Solís-Durán C, et al. **Arch Invest Med (Mex)** 1985 Jan–Mar;16(1):29–39 **(Eng, Spa)**

Histological findings in sutured and fibrin-glued microvascular anastomosis. Brunner FX. **Arch Otorhinolaryngol** 1984;240(3):311–8

Combined vitrectomy, intraocular microsurgery and liquid silicone in the treatment of proliferative vitreoretinopathy. Cairns JD, et al. **Aust J Ophthalmol** 1984 May;12(2):133–8

Closed microsurgery in trauma. McLeod D. **Aust J Ophthalmol** 1984 Nov;12(4):383–90

Microvascular orchiopexy for high undescended testes. Bianchi A. **Br J Urol** 1984 Oct;56(5):521–4

Revascularization of the cavernous body in vasculogenic sexual male impotence with a new microsurgical technique. Crespo E, et al. **Cardiovasc Res Cent Bull** 1983 Oct–Dec; 22(2):29–49

Factors influencing the success of microsurgical tuboplasty for sterilization reversal. Paterson PJ. **Clin Reprod Fertil** 1985 Mar;3(1):57–64

Closed microsurgery in the treatment of congenital cataracts. Rice NS. **Dev Ophthalmol** 1985;11:153–5

Experimental hydrosalpinx and salpingostomy in rabbits. Vemer HM, et al. **Eur J Obstet Gynecol Reprod Biol** 1984 Sep;18(1–2):95–101

Microsurgery of endometriosis in infertile patients. Gordts S, et al. **Fertil Steril** 1984 Oct;42(4):520–5

The management of varicoceles by microdissection of the spermatic cord at the external inguinal ring. Marmar JL, et al. **Fertil Steril** 1985 Apr;43(4):583–8

Comparative neurophysiological assessments of nerve sutures performed by microsurgical methods and with fibrin glue: experimental study. Faldini A, et al. **Ital J Orthop Traumatol** 1984 Dec;10(4):527–32

Results of internal neurolysis of the median nerve for severe carpal-tunnel syndrome. Rhoades CE, et al. **J Bone Joint Surg [Am]** 1985 Feb;67(2):253–6

Microcystic adnexal carcinoma treated by microscopically controlled excision. Fleischmann HE, et al. **J Dermatol Surg Oncol** 1984 Nov;10(11):873–5

Hand reconstruction for multiple amputations by double microsurgical toe transplantation. Gordon L, et al. **J Hand Surg [Am]** 1985 Mar;10(2):218–25

Laryngeal microsurgery with the carbon dioxide laser: techniques and instrumentation. Carruth JA. **J Laryngol Otol** 1985 Jun;99(6):573–6

Lower extremity salvage with microvascular free flaps. Hay EL, et al. **J SC Med Assoc** 1985 Jun;81(6):311–6

Microendoscopic surgery of the hypopharyngeal pouch with the CO2 laser. Hoeksema PE, et al. **Lasers Surg Med** 1985; 5(4):367–9

Application of Kunlin's technique in vascular micro-anastomosis: experimental and clinical study. Fossati E, et al. **Microsurgery** 1985;6(1):53–5

Rotation of scissors while fixed in the microsurgical field: a technique for increasing the surgeon's efficiency. Greenberg IM. **Microsurgery** 1984;5(4):218–27

Microlymphaticovenous anastomosis for treating scrotal elephantiasis. Huang GK, et al. **Microsurgery** 1985; 6(1):36–9

Microlymphaticovenous anastomosis for lymphedema of the breast. Huang GK, et al. **Microsurgery** 1985;6(1):32–5

Free transplantation of venous network pattern skin flap: an experimental study in rabbits. Ji SY, et al. **Microsurgery** 1984;5(3):151–9

Empty perineurial tube graft used to repair a digital nerve: a first case report. Restrepo Y, et al. **Microsurgery** 1985; 6(2):73–7

A vascularized fibula model to study vascularized canine bone grafts. Shaffer JW, et al. **Microsurgery** 1984; 5(4):185–90

Rotational technique and microsurgery. Weinrib HP, et al. **Microsurgery** 1984;5(4):207–12

Reinnervation after microsurgical repair of transected cauda equina fibres. An electromyographic study. Conzen M, et al. **Neurochirurgia (Stuttg)** 1985 Jan;28(1):6–7

Doppler techniques and neurosurgery. Eden A. **Neurosurg Rev** 1984;7(2–3):193–7

Microdiscectomy versus chemonucleolysis. Maroon JC, et al. **Neurosurgery** 1985 May;16(5):644–9

Microsurgical removal of suprasellar meningiomas. Al-Mefty O, et al. **Neurosurgery** 1985 Mar;16(3):364–72

Microvascular decompression in hemifacial spasm: intraoperative electrophysiological observations. Møller AR, et al. **Neurosurgery** 1985 May;16(5):612–8

Surgery of the temporomandibular joint. II. Microsurgery. Kreutziger KL. **Oral Surg Oral Med Oral Pathol** 1984 Dec; 58(6):647–55

A new method of end-to-end microvascular anastomosis: the Y-shape. Wang W, et al. **Plast Reconstr Surg** 1985 Jan; 75(1):119

Microvascular suturing with the simple slip. Zelt RG, et al. **Plast Reconstr Surg** 1984 Dec;74(6):839–40

Small bowel esophagoplasty with vascular microanastomoses in the neck for treatment of esophageal burns in childhood. Prévot J, et al. **Prog Pediatr Surg** 1985;18:108–17

A high performance isolated rat brain preparation. Part I: Operative technique and recipient extracorporeal perfusion. Takaoka Y, et al. **Resuscitation** 1985 Mar;12(4):253–9

Microscopically controlled surgical treatment for squamous cell carcinoma of the lower lip. Mohs FE, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):37–41

Heterotopic liver grafting in the rat. A simplified method using cuff techniques. Marni A, et al. **Transplantation** 1985 Mar;39(3):329–31

Microsurgically splinted tubulovasostomy in the rat: modified technique. Papadopoulos I, et al. **Urol Int** 1985;40(2):112–5

On the importance of resection length and tension for ureter end-to-end anastomoses. Pohl J, et al. **Urol Int** 1985; 40(2):107–11

Functional evaluation of new experimental model of microsurgical tubulovasostomy in rat. Tritto G, et al. **Urology** 1985 Feb;25(2):165–70

Conservative microsurgical management of ectopic gestation. Reyniak JV. **Wien Klin Wochenschr** 1985 May 24; 97(11):481–6

Pediatric microsurgery. Diez Pardo JA. **World J Surg** 1985 Apr;9(2):300–9

Transsylvian approach to the tentorial hiatus--anatomical remarks on the microsurgical exposure. Vorkapic P, et al. **Zentralbl Neurochir** 1985;46(1):2–10

[Evaluation of the use of microsurgical technics in oral and maxillofacial surgery] Qiu WL. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):143–6 **(Chi)**

[Nerve grafting with a fibrin seal] Osgaard O. **Ugeskr Laeger** 1984 Jul 16;146(29):2150–2 (Eng. Abstr.) **(Dan)**

[Reconstructive microsurgery of the vas deferens. Experimental study of suture materials] Lottmann H, et al. **Ann Urol (Paris)** 1985;19(2):111–5 (Eng. Abstr.) **(Fre)**

[Microsurgical repair of the vas deferens. Apropos of 115 cases] Papadopoulos O, et al. **Ann Urol (Paris)** 1985; 19(3):177–9 (Eng. Abstr.) **(Fre)**

[Trans-ethmoidal-sphenoidal decompression and optic nerve injury] Laroche L, et al. **Bull Soc Ophtalmol Fr** 1984 Apr; 84(4):431–2, 435–7 (Eng. Abstr.) **(Fre)**

[Distal tubal microsurgery using the CO2 laser. Experimental study and analysis of a series of 95 cases] Sadoul G, et al. **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(8):947–56 (Eng. Abstr.) **(Fre)**

[Value of microsurgery in the treatment of infertility of tubal origin] Dubois M, et al. **Rev Med Liege** 1985 Jun 1; 40(11):453–8 **(Fre)**

[Microsurgery, a basic surgical technic] Fissette J. **Rev Med Liege** 1984 Sep 1;39(17):613–8 **(Fre)**

[Use of the laser in neurosurgery] Ouaknine GE. **Union Med Can** 1985 Apr;114(4):326–9 (Eng. Abstr.) **(Fre)**

[Use of volar veins in finger replantation] Stober R, et al. **Aktuel Traumatol** 1984 Oct;14(5):215–7 (Eng. Abstr.) **(Ger)**

[Results of 110 microsurgical acoustic neuroma operations] Samii M, et al. **Eur Arch Psychiatry Neurol Sci** 1984; 234(1):42–7 (Eng. Abstr.) **(Ger)**

[Prevention of complications in myocutaneous pectoralis flaps] Fritzemeier CU, et al. **Fortschr Kiefer Gesichtschir** 1985;30:164–6 **(Ger)**

[Complications of microvascular small intestine transplantation as a principle for improving operative technic] Hausamen JE, et al. **Fortschr Kiefer Gesichtschir** 1985;30:161–3 **(Ger)**

[Causes of injury to the lingual nerve in the operative extraction of the lower wisdom teeth--chances for reconstruction] Höltje WJ, et al. **Fortschr Kiefer Gesichtschir** 1985;30:54–8 **(Ger)**

[Treatment of chronic pain conditions as operative sequelae] Müller T, et al. **Fortschr Kiefer Gesichtschir** 1985;30:188–90 **(Ger)**

[Problems in free tissue transplantation with microsurgical revascularization] Reuther J, et al. **Fortschr Kiefer Gesichtschir** 1985;30:158–60 **(Ger)**

[Problems of osteosynthesis in free and microsurgically transplanted bone] Riediger D. **Fortschr Kiefer Gesichtschir** 1985;30:172–5 **(Ger)**

[Results following surgical therapy of injuries of the inferior alveolar, lingual and facial nerves] Schmelzle R. **Fortschr Kiefer Gesichtschir** 1985;30:59–61 **(Ger)**

[Microsurgical fertility operations in the male] Verhoeven HC, et al. **Gynakologe** 1985 Jun;18(2):81–3 **(Ger)**

[Experimental studies on artificial prostheses in microvascular surgery] Brennwald J, et al. **Handchir Mikrochir Plast Chir** 1985 Jan;17(1):41–2 (Eng. Abstr.) **(Ger)**

[Operative technic in muscle transplantation with microneurovascular anastomoses based on animal experiment studies] Frey M, et al. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):211–4 (Eng. Abstr.) **(Ger)**

[Choice of microvascular anastomoses in reconstructive surgery] Guignard RM, et al. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):259–63 (Eng. Abstr.) **(Ger)**

[Results of the microsurgical reconstruction of peripheral nerves using a functional anatomical follow-up procedure] Köckerling F, et al. **Handchir Mikrochir Plast Chir** 1985 Mar;17(2):75–7 (Eng. Abstr.) **(Ger)**

[Sensory transplants of the sole of the foot] Stock W, et al. **Handchir Mikrochir Plast Chir** 1984 Dec;16(4):215–7 (Eng. Abstr.) **(Ger)**

[Formation of a microvascular, multilayer constructed transplant using the greater omentum] Voy ED, et al. **Handchir Mikrochir Plast Chir** 1984 Sep;16(3):157-60 (Eng. Abstr.) **(Ger)**

[Experimental studies of the danger of ignition of tubes during endolaryngeal microsurgery with the laser] Fischer PL, et al. **HNO** 1985 Mar;33(3):134-7 (Eng. Abstr.) **(Ger)**

[Use of fibrin glue in microsurgery of the ear. An analysis of operations at the Pisa ENT Clinic] Piragine F, et al. **HNO** 1985 Apr;33(4):159-61 (Eng. Abstr.) **(Ger)**

[Special developments in neurosurgery] Bushe KA. **Langenbecks Arch Chir** 1984;364:251-4 (Eng. Abstr.) **(Ger)**

[Experimental microsurgical exposure of cranial nerves III, IV and VI in the cat] Sandvoss G, et al. **Neurochirurgia (Stuttg)** 1984 Sep;27(5):129-32 (Eng. Abstr.) **(Ger)**

[Treatment of chronic bone infections with extensive skin/soft tissue defect using free transplanted flaps with microvascular anastomoses] Schmidt HG, et al. **Unfallheilkunde** 1984 Oct;87(10):416-24 (Eng. Abstr.) **(Ger)**

[Microsurgery of the renal arteries] Dubernard JM, et al. **Urologe [Ausg A]** 1984 Sep;23(5):251-3 (Eng. Abstr.) **(Ger)**

[Microsurgery in urology] Konrad G, et al. **Urologe [Ausg A]** 1984 Sep;23(5):244-50 (Eng. Abstr.) **(Ger)**

[Microsurgery of the kidney pelvis] Kramer W, et al. **Urologe [Ausg A]** 1984 Sep;23(5):254-7 (Eng. Abstr.) **(Ger)**

[Penile revascularization surgery in vascular impotence] Porst H, et al. **Urologe [Ausg A]** 1984 Sep;23(5):258-66 (Eng. Abstr.) **(Ger)**

[Conventional or microsurgical op-technic in diagnostic deferens vesiculography?] Fuhse J, et al. **Z Urol Nephrol** 1984 Sep;77(9):537-41 (Eng. Abstr.) **(Ger)**

[Transplantation of kidneys of juvenile donors in adult recipients. 1. Operation technic in 2 and 4-week-old donors in the rat model] Oesterwitz H. **Z Urol Nephrol** 1984 Aug; 77(8):449-55 (Eng. Abstr.) **(Ger)**

[Results following microsurgical epididymovasotomy] Zepnick H, et al. **Z Urol Nephrol** 1985 Feb;78(2):105-10 (Eng. Abstr.) **(Ger)**

[Microsurgical reconstruction of the brachial plexus] Henke R. **Zentralbl Chir** 1985;110(12):749-57 (Eng. Abstr.) **(Ger)**

[100 microsurgical tumor excisions in the cerebellopontile angle with special reference to the preservation of hearing function] Samii M, et al. **Zentralbl Neurochir** 1984; 45(2):97-115 (Eng. Abstr.) **(Ger)**

[Modern status of ophthalmomicrosurgery in the treatment of cataract and the etiopathogenesis, possibilities and limits of senile macular degeneration] Gliem H. **ZFA** 1984 Nov-Dec;39(6):321-3 (Eng. Abstr.) **(Ger)**

[Lasers in uterine microsurgery: experimental research] Garsia S, et al. **Ann Ostet Ginecol Med Perinat** 1984 May-Jun;105(3):171-85 (Eng. Abstr.) **(Ita)**

[The use of lasers in end-to-end anastomosis of the uterine horn in the rat. Histological considerations] Baffoni A, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1427-33 (Eng. Abstr.) **(Ita)**

[Venous reconstruction using a fresh arterial patch in experimental microsurgery] Baffoni A, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1435-40 (Eng. Abstr.) **(Ita)**

[Possibilities and limits of microsurgery in patients with meningioma of the sellar region] Probst C. **Clin Ter** 1985 May 31;113(4):253-9 (Eng. Abstr.) **(Ita)**

[Microsurgery of the lymphatic vessels. Antigravitational ligation to lymphatic and venous grafts] Campisi C, et al. **Minerva Chir** 1985 Mar 15;40(5):269-76 (Eng. Abstr.) **(Ita)**

[Treatment, with a microsurgical technic, of injuries of the peripheral nerves. Observations on a series of 220 surgically treated cases] Gazzeri G, et al. **Minerva Chir** 1984 Sep 15; 39(17):1137-41 (Eng. Abstr.) **(Ita)**

[Intraneural synovial cysts of the external popliteal sciatic nerve. Observations on 2 cases treated with microsurgical technics] Gazzeri G, et al. **Minerva Chir** 1984 Sep 15; 39(17):1143-5 (Eng. Abstr.) **(Ita)**

[Lesions of the hypoglossal nerve: diagnosis and therapy. Rehabilitation in a case of bilateral posttraumatic paralysis performed by a microsurgical technic] Ferrari Parabita G, et al. **Minerva Stomatol** 1985 Jan-Feb;34(1):147-54 (Eng. Abstr.) **(Ita)**

[Microsurgical vasovasostomy] Ito H, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Jun;75(6):934-9 (Eng. Abstr.) **(Jpn)**

[Microsurgical technique of posterior fossa transmeatal approach for acoustic neurinoma--preservation of facial and cochlear nerves] Sato O, et al. **No Shinkei Geka** 1984 Jun;12(7):779-84 **(Jpn)**

[Microneurosurgical method of anastomosis between the external temporal artery and middle cerebral artery using a stabilizing hemostatic clamp and continuous suture] Mrówka R. **Neurol Neurochir Pol** 1984 Nov-Dec; 18(6):605-6 **(Pol)**

[Microscopic laryngoscopy and microsurgery in the diagnosis and treatment of neoplastic and inflammatory diseases of the larynx in the Otolaryngological Clinic in Lublin (1971-1982)] Semczuk B, et al. **Otolaryngol Pol** 1984; 38(5):365-8 (Eng. Abstr.) **(Pol)**

[Repair of arteries with vascular microsurgery. Comparative experimental study] Stocchero IN, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul-Aug; 39(4):178-82 (Eng. Abstr.) **(Por)**

[Myectomy of the arytenoid in bilateral paralysis in adduction of the vocal cords: microsurgical technic by endoscopic approach] Arrais A, et al. **Rev Paul Med** 1985 Jan-Feb; 103(1):36-40 (Eng. Abstr.) **(Por)**

[Improved reconstructive-restorative operations on the uterine tubes using the operating microscope and transillumination] Kapeliushnik NL, et al. **Akush Ginekol (Mosk)** 1985 Mar;(3):20-2 (Eng. Abstr.) **(Rus)**

[A microsurgical model of cerebral ischemia] Rozvadovskiĭ VD, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):140-2 (Eng. Abstr.) **(Rus)**

[Organizational and tactical aspects of replantation of large segments of the limbs] Driuk NF, et al. **Klin Khir** 1985 Apr;(4):58-62 **(Rus)**

[Effectiveness of microsurgical operations in far-advanced open-angle glaucoma] Smelovskiĭ AS, et al. **Oftalmol Zh** 1984;(4):244-6 **(Rus)**

[Microsurgery in traumatology and orthopedics: new possibilities and new problems] Tkachenko SS, et al. **Ortop Travmatol Protez** 1984 Jul;(7):67-72 **(Rus)**

[Nerve regeneration in the rabbit with the use of different types of microsurgical nerve sutures] Akoev GN, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):74-7 (Eng. Abstr.) **(Rus)**

[Microsurgical tubal anastomosis. Technic and results in 12 cases] Gayán P, et al. **Rev Chil Obstet Ginecol** 1982; 47(6):405-14 (Eng. Abstr.) **(Spa)**

STANDARDS

Apical surgery with a dental microscope [letter] Staffileno H. **Oral Surg Oral Med Oral Pathol** 1985 Aug;60(2):224

TRENDS

Second Runme Shaw lecture. State of the art of reconstructive microvascular surgery. O'Brien BM. **Ann Acad Med Singapore** 1984 Oct;13(4):693-707

MICROSURGICAL REVASCULARIZATION, CEREBRAL see **CEREBRAL REVASCULARIZATION**

MICROTINES see **CRICETIDAE**

MICROTOMY

Peroperative evaluation of parathyroid glands using fat stain on frozen sections. Advantages and limitations. Farnebo LO, et al. **Acta Chir Scand [Suppl]** 1984;520:17-24

O.C.T. not a problem [letter] Hannah J, et al. **Am J Clin Pathol** 1985 Mar;83(3):404-5

Reliability and sensitivity of frozen-section pancreatic biopsy. Campanale RP 2d, et al. **Arch Surg** 1985 Mar;120(3):283-8

Demonstration of surfactant phospholipids in frozen sections of the lung. Chieco P, et al. **Basic Appl Histochem** 1985; 29(2):149-60

Punch biopsy of the skin: effect of tissue fixation with CO2-freezing. An experimental study. Serup J. **J Dermatol (Tokyo)** 1984 Oct;11(5):465-70

Frozen sections [letter] **JAMA** 1985 Jan 25;253(4):511-3

Grading of cervical dysplasias by frozen section. Fletcher S, et al. **Lancet** 1985 Sep 14;2(8455):599-600

Quick-frozen crossbridges [editorial] Clarke M. **Nature** 1985 Sep 12-18;317(6033):113-4

Actomyosin structure in contracting muscle detected by rapid freezing. Tsukita S, et al. **Nature** 1985 Sep 12-18; 317(6033):182-4

Accuracy of frozen section diagnosis in breast cancer detection. A review of 4436 biopsies and comparison with cytodiagnosis. Fessia L, et al. **Pathol Res Pract** 1984 Sep; 179(1):61-6

Pancreatic cancer: unreliability of frozen section in diagnosis. Harris PL, et al. **South Med J** 1985 Sep;78(9):1053-6

The role of resection margin frozen section in the surgical management of Crohn's disease. Hamilton SR, et al. **Surg Gynecol Obstet** 1985 Jan;160(1):57-62

Declining role of frozen section in surgical planning for thyroid nodules. Hamburger JI, et al. **Surgery** 1985 Aug; 98(2):307-12

A new microspectrophotometric method for measuring absorbance of rat photoreceptors. Penn JS, et al. **Vision Res** 1984;24(11):1673-6

[Combined peroperative micromorphological examination of the breast] Zeman V, et al. **Rozhl Chir** 1985 Mar;64(3):210-7 (Eng. Abstr.) **(Cze)**

[The extemporaneous examination: the decisive step in the surgical strategy in breast lesions] Smadja A, et al. **Rev Fr Gynecol Obstet** 1984 Dec;79(12):821-5 (Eng. Abstr.) **(Fre)**

[Granulocellular myoblastoma of the breast: the hazards of extemporaneous peroperative frozen section] Lamarre L, et al. **Union Med Can** 1985 Feb;114(2):147-8 **(Fre)**

[Chemically activated glass slides for frozen sections and their use in autoantibody diagnosis] Stöcker K, et al. **Acta Histochem [Suppl] (Jena)** 1985;31:283-94 **(Ger)**

[A possibility of cutting frozen sections of bone tissue in routine pathology] Lintner F, et al. **Zentralbl Allg Pathol** 1985;130(1):51-55 (Eng. Abstr.) **(Ger)**

[Real usefulness of intraoperative frozen-section biopsy in parathyroid pathology] Alajmo E. **Acta Otorhinolaryngol Ital** 1984 Jul-Aug;4(4):469-74 (Eng. Abstr.) **(Ita)**

INSTRUMENTATION

Rat brain slicer. A simple device for rapidly obtaining serial slabs of fresh brain. Henry JL, et al. **Brain Res Bull** 1984 Jul;13(1):195-7

Micro-sampling by abrasion. Weatherell JA, et al. **Caries Res** 1985;19(2):97-102

Frozen sections of bone biopsies in metabolic and other bone diseases. Stevens A, et al. **Histopathology** 1985 Mar; 9(3):315-24

Chemosurgical reports: cryostat update. Hanke CW, et al. **J Dermatol Surg Oncol** 1985 Jun;11(6):600-2

Multiangular viewing of dental enamel in the SEM: an apparatus for controlled mechanical specimen preparation. Risnes S. **Scand J Dent Res** 1985 Apr;93(2):135-8

A simple device to eliminate static electricity while sectioning paraffin. Berk LS, et al. **Stain Technol** 1985 May; 60(3):184-6

Microtome blade holders for cryostats. Garbarsch C, et al. **Stain Technol** 1985 Sep;60(5):307-10

A glass knife tool for cutting 50-micron sections for electron microscopic cytochemistry. McAuliffe WG. **Stain Technol** 1985 Sep;60(5):310-2

Simple apparatus for the rough trimming of electron microscope specimen blocks. Townshend JL, et al. **Stain Technol** 1985 Mar;60(2):117-8

[Adaptation of the rotary microtome for semiautomatic use] Lisoněk P, et al. **Acta Univ Palacki Olomuc Fac Med** 1985; 108:135-40 **(Ger)**

[A possibility of cutting frozen sections of bone tissue in routine pathology] Lintner F, et al. **Zentralbl Allg Pathol** 1985;130(1):51-55 (Eng. Abstr.) **(Ger)**

METHODS

Immunoperoxidase study of lymphomas. Comparison of a one-step frozen section technic with indirect methods on paraffin sections. Magidson JG, et al. **Am J Clin Pathol** 1985 Aug;84(2):166-72

A technique for semithin paraffin sections. Vasudev Rao T, et al. **Indian J Pathol Microbiol** 1984 Jul;27(3):169-71

Microscopically controlled surgery for periorbital melanoma: fixed-tissue and fresh-tissue techniques. Mohs FE. **J Dermatol Surg Oncol** 1985 Mar;11(3):284-91

Choosing the appropriate section thickness in the melamine embedding technique. Frösch D, et al. **J Microsc** 1985 Feb; 137 (Pt 2):177-83

A simple acetylcholinesterase method for staining in toto the nervous system in rat fetuses and a procedure for embedding stained fetuses in transparent epoxy resin. Bloot J, et al. **Stain Technol** 1984 Jul;59(4):246-9

Histochemical demonstration of carbonic anhydrase: some improvements. Gandor DW, et al. **Stain Technol** 1985 Jul; 60(4):248-9

Pressure sensitive adhesive tape for maintaining tissue orientation while embedding in glycol methacrylate. Golick ML, et al. **Stain Technol** 1985 Mar;60(2):111-2

A reliable and simple method for oriented epoxy embedding of tissue sections and strips using horizontal polyethylene Beem capsules. Prentø P. **Stain Technol** 1985 Mar; 60(2):120-2

A simple method for mass embedment of microvessels for cross sectioning. Purdy-Ramos SI, et al. **Stain Technol** 1984 Jul;59(4):243

[Device for fixation of the spine during preparation of sections] Labzin VI. **Arkh Anat Gistol Embriol** 1985 Mar; 88(3):93-5 **(Rus)**

MICROTUBULE-ASSOCIATED PROTEINS

ANALYSIS

Glycoproteins associated with brain microtubules. Hesketh J. **Cell Biol Int Rep** 1985 Aug;9(8):675

Factors controlling the appearance of the immunofluorescent nuclear dots revealed with monoclonal antibody against microtubule-associated protein-1. Ohno T, et al. **Exp Cell Res** 1985 Jun;158(2):558-62

Immunological characterization of microtubule-associated proteins specific for the immature brain. Couchie D, et al. **FEBS Lett** 1985 Sep 2;188(2):331-5

Microheterogeneity of microtubule-associated proteins, MAP-1 and MAP-2, and differential phosphorylation of individual subcomponents. Herrmann H, et al. **J Biol Chem** 1985 May 10;260(9):5797-803

MAP 4: occurrence in mouse tissues. Parysek LM, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1309-15

MAP 4: a microtubule-associated protein specific for a subset of tissue microtubules. Parysek LM, et al. **J Cell Biol** 1984 Dec;99(6):2287-96

Microtubule-associated protein 1B: identification of a major component of the neuronal cytoskeleton. Bloom GS, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(16):5404-8

Microtubule-associated protein 2: monoclonal antibodies demonstrate the selective incorporation of certain epitopes into Alzheimer neurofibrillary tangles. Kosik KS, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7941-5

[Phosphatase activity in porcine brain microtubule proteins] Fujii M, et al. **Yakugaku Zasshi** 1985 May;105(5):464-9 (Eng. Abstr.) **(Jpn)**

BIOSYNTHESIS

Synthesis of putative microtubule-associated proteins by mouse blastocysts during early outgrowth in vitro. Bates WR, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):885-93

IMMUNOLOGY

High molecular weight microtubule-associated proteins from pig brain are immunologically related to human erythrocyte membrane proteins spectrin, ankyrin, proteins 4.1 and 4.2. Hill AM, et al. **Biol Cell** 1985;53(2):141-7

Mr 205,000 sulfoglycoprotein in extracellular matrix of mouse fibroblast cells is immunologically related to high molecular weight microtubule-associated proteins. Briones E, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):5776-80

ISOLATION & PURIFICATION

Separation of active tubulin and microtubule-associated proteins by ultracentrifugation and isolation of a component causing the formation of microtubule bundles. Hamel E, et al. **Biochemistry** 1984 Aug 28;23(18):4173-84

Microtubule associated proteins in microtubule preparations made with and without glycerol. Keates RA. **Can J Biochem Cell Biol** 1984 Sep;62(9):803-13

Identification of a 100 kD protein associated with microtubules, intermediate filaments and coated vesicles in cultured cells. Rodionov VI, et al. **Exp Cell Res** 1985 Aug;159(2):377-87

The purification of tau protein and the occurrence of two phosphorylation states of tau in brain. Lindwall G, et al. **J Biol Chem** 1984 Oct 10;259(19):12241-5

MAP3: characterization of a novel microtubule-associated protein. Huber G, et al. **J Cell Biol** 1985 Feb;100(2):496-507

METABOLISM

Mechanism of action of S-100 protein(s) on brain microtubule protein assembly. Donato R. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):850-6

Phosphorylation of the microtubule-associated protein MAP2 by GTP. Burns RG, et al. **Biochem J** 1984 Dec 1;224(2):623-7

The relationship of the rat brain 68 kDa microtubule-associated protein with synaptosomal plasma membranes and with the Drosophila 70 kDa heat-shock protein. Lim L, et al. **Biochem J** 1984 Dec 1;224(2):677-80

Sliding of STOP proteins on microtubules. Pabion M, et al. **Biochemistry** 1984 Dec 18;23(26):6642-8

Carbon-13 nuclear magnetic resonance study of microtubule protein: evidence for a second colchicine site involved in the inhibition of microtubule assembly. Ringel I, et al. **Biochemistry** 1984 Nov 6;23(23):5644-53

Controlled proteolysis of tubulin by subtilisin: localization of the site for MAP2 interaction. Serrano L, et al. **Biochemistry** 1984 Sep 25;23(20):4675-81

Differential association of the different brain microtubule proteins in different in vitro assembly conditions. Díez JC, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):32-8

High-affinity microtubule protein-higher organism DNA complexes. Many-fold enrichment in repetitive mouse DNA sequences comprised of satellite DNAs. Marx KA, et al. **Biochim Biophys Acta** 1984 Dec 14;783(3):283-92

Ca2+ and calmodulin regulate microtubule-associated protein-actin filament interaction in a flip-flop switch. Sobue K, et al. **Biochim Biophys Acta** 1985 Jun 30;845(3):366-72

Microtubule-associated adenylate cyclase. Wolff J, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):34-41

Association of fodrin with brain microtubules. Fach BL, et al. **Can J Biochem Cell Biol** 1985 May;63(5):372-81

Inhibition of microtubule polymerization by micromolar concentrations of mercury (II). Keates RA, et al. **Can J Biochem Cell Biol** 1984 Sep;62(9):814-8

The influence of microtubule associated proteins on the production of polymorphic products from tubulin and microtubules. Fakhari SM, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1041-50

Interaction between rat brain microtubule associated proteins (MAPs) and free ribosomes from Xenopus oocyte: a possible mechanism for the in ovo distribution of MAPs. Jessus C, et al. **Cell Differ** 1984 Oct;14(4):295-301

Cytoplasmic tubulin from the unfertilized sea urchin egg: II. Variation of the intrinsic calcium sensitivity of Strongylocentrotus purpuratus egg tubulin as a function of temperature and brain microtubule-associated proteins. Suprenant KA, et al. **Cell Motil** 1984;4(5):333-50

Co-localization of SV40 T antigen and p53 with immunological analogues of microtubule-associated protein-1 on the nuclear skeleton. Sato C, et al. **Cell Struct Funct** 1984 Sep;9(3):305-9

Identification and spatial arrangement of high molecular weight proteins (Mr 300 000-330 000) co-assembling with microtubules from a cultured cell line (rat glioma C6). Koszka C, et al. **Eur J Cell Biol** 1985 Jul;38(1):149-56

Morphological integrity of single adult cardiac myocytes isolated by collagenase treatment: immunolocalization of tubulin, microtubule-associated proteins 1 and 2, plectin, vimentin, and vinculin. Zernig G, et al. **Eur J Cell Biol** 1985 Jul;38(1):113-22

Nuclear immunofluorescence by a monoclonal antibody against microtubule-associated protein-1 as it is associated with cell proliferation and transformation. Sato C, et al. **Exp Cell Res** 1984 Nov;155(1):33-42

Interaction of estramustine phosphate with microtubule-associated proteins. Wallin M, et al. **FEBS Lett** 1985 Jan 7;179(2):289-93

Developmental changes in components of chick brain microtubule-associated protein-1 (MAP-1) and tau proteins. Kumagai H, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):529-32

Interaction of microtubule-associated proteins with actin filaments. Studies using the fluorescence-photobleaching recovery technique. Arakawa T, et al. **J Biol Chem** 1984 Oct 10;259(19):11730-4

Phosphorylation of tubulin and microtubule-associated proteins by the purified insulin receptor kinase. Kadowaki T, et al. **J Biol Chem** 1985 Apr 10;260(7):4016-20

Calmodulin inhibits interaction of actin with MAP2 and Tau, two major microtubule-associated proteins. Kotani S, et al. **J Biol Chem** 1985 Sep 5;260(19):10779-83

Contrasting roles of tau and microtubule-associated protein 2 in the vinblastine-induced aggregation of brain tubulin. Ludueña RF, et al. **J Biol Chem** 1984 Oct 25;259(20):12890-8

The sites at which brain microtubule-associated protein 2 is phosphorylated in vivo differ from those accessible to cAMP-dependent kinase in vitro. Murthy AS, et al. **J Biol Chem** 1985 Apr 10;260(7):4364-70

Lithium ion inhibits nerve growth factor-induced neurite outgrowth and phosphorylation of nerve growth factor-modulated microtubule-associated proteins. Burstein DE, et al. **J Cell Biol** 1985 Sep;101(3):862-70

Cytoskeletal architecture and immunocytochemical localization of microtubule-associated proteins in regions of axons associated with rapid axonal transport: the beta,beta'-iminodipropionitrile-intoxicated axon as a model system. Hirokawa N, et al. **J Cell Biol** 1985 Jul;101(1):227-39

Microtubule-associated protein 2 within axons of spinal motor neurons: associations with microtubules and neurofilaments in normal and beta,beta'-iminodipropionitrile-treated axons. Papasozomenos SC, et al. **J Cell Biol** 1985 Jan;100(1):74-85

Phosphorylation of microtubule-associated protein 2 at distinct sites by calmodulin-dependent and cyclic-AMP-dependent kinases. Goldenring JR, et al. **J Neurochem** 1985 Sep;45(3):900-5

Dephosphorylation of microtubule-associated protein 2, tau factor, and tubulin by calcineurin. Goto S, et al. **J Neurochem** 1985 Jul;45(1):276-83

Identification of endogenous calmodulin-dependent kinase and calmodulin-binding proteins in cold-stable microtubule preparations from rat brain. Larson RE, et al. **J Neurochem** 1985 May;44(5):1566-74

In vitro phosphorylation of microtubule-associated protein 2: differential effects of cyclic AMP analogues. Richter-Landsberg C, et al. **J Neurochem** 1985 Oct;45(4):1218-22

Ca2+, calmodulin-dependent regulation of microtubule formation via phosphorylation of microtubule-associated protein 2, tau factor, and tubulin, and comparison with the cyclic AMP-dependent phosphorylation. Yamamoto H, et al. **J Neurochem** 1985 Mar;44(3):759-68

Ontogenetic changes in the cyclic adenosine 3',5'-monophosphate-stimulatable phosphorylation of cat visual cortex proteins, particularly of microtubule-associated protein 2 (MAP 2): effects of normal and dark rearing and of the exposure to light. Aoki C, et al. **J Neurosci** 1985 Sep;5(9):2465-83

Differences in the developmental patterns of three microtubule-associated proteins in the rat cerebellum. Bernhardt R, et al. **J Neurosci** 1985 Apr;5(4):977-91

Changes in the cytoplasmic distribution of microtubule-associated protein 2 during the differentiation of cultured cerebellar granule cells. Alaimo-Beuret D, et al. **Neuroscience** 1985 Apr;14(4):1103-15

Presence of microtubule-associated protein 2 in chromaffin cells. Burgoyne RD, et al. **Neuroscience** 1985 Mar;14(3):955-62

Microtubule-associated proteins (MAPs): a monoclonal antibody to MAP 1 decorates microtubules in vitro but stains stress fibers and not microtubules in vivo. Asai DJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1434-8

A widely distributed nuclear protein immunologically related to the microtubule-associated protein MAP1 is associated with the mitotic spindle. Bonifacino JS, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1146-50

High-affinity binding of the regulatory subunit (RII) of cAMP-dependent protein kinase to microtubule-associated and other cellular proteins. Lohmann SM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6723-7

Differential expression of distinct microtubule-associated proteins during brain development. Riederer B, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(17):6006-9

Separation of endogenous calmodulin- and cAMP-dependent kinases from microtubule preparations. Vallano ML, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3202-6

PHARMACODYNAMICS

Effects of Tau and MAP2 on the interaction of maytansine with tubulin: inhibitory effect of maytansine on vinblastine-induced aggregation of tubulin. Fellous A, et al. **Cancer Res** 1985 Oct;45(10):5004-10

PHYSIOLOGY

Microtubule-associated proteins connect microtubules and neurofilaments in vitro. Aamodt EJ, et al. **Biochemistry** 1984 Dec 4;23(25):6023-31

In vitro inhibition of tubulin assembly by a ribonucleoprotein complex associated with the free ribosome fraction isolated from Xenopus laevis oocytes: effect at the level of microtubule-associated proteins. Jessus C, et al. **Cell Differ** 1984 Aug;14(3):179-87

Promotion of microtubule assembly by neurofilament-associated microtubule-associated proteins. Leterrier JF, et al. **J Neurochem** 1984 Nov;43(5):1385-91

[Immunocytochemistry of Pick's argentophilic bodies: evidence for the involvement of high molecular weight microtubule-associated proteins (HMWP) before the appearance of tubulin] Murayama S, et al. **Rinsho Shinkeigaku** 1985 Jan;25(1):80-7 (Eng. Abstr.) **(Jpn)**

MICROTUBULE PROTEINS

Proteins closely similar to flagellar tektins are detected in cilia but not in cytoplasmic microtubules. Amos WB, et al. **Cell Motil** 1985;5(3):239-49

ANALYSIS

A microtubule-associated protein (MAP1) which is expressed at elevated levels during development of the rat cerebellum. Calvert R, et al. **EMBO J** 1985 May;4(5):1171-6

Localization of tektin filaments in microtubules of sea urchin sperm flagella by immunoelectron microscopy. Linck RW, et al. **J Cell Biol** 1985 Jan;100(1):126-35

BIOSYNTHESIS

The assembly of microtubule protein in vitro. The kinetic role in microtubule elongation of oligomeric fragments containing microtubule-associated proteins. Bayley PM, et al. **Biochem J** 1985 Apr 15;227(2):439-55

ISOLATION & PURIFICATION

Characterization of transverse tubule membrane proteins: tentative identification of the Mg-ATPase. Okamoto VR, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):43-54

Axonal microtubules of crayfish and spiny lobster nerve cords are decorated with a heat-stable protein of high molecular weight. Warren RH. **J Cell Sci** 1984 Oct;71:1-15

METABOLISM

2-(4-methyl-1-piperazinylmethyl) acrylophenone dihydrochloride: a new antimicrotubular drug. Mallevais ML, et al. **Biochimie** 1984 Jun;66(6):477-82

Diethylstilboestrol: the binding and effects of diethylstilboestrol upon the polymerisation and depolymerisation of purified microtubule protein in vitro. Sharp DC, et al. **Carcinogenesis** 1985 Jun;6(6):865-71

Effect of protein-bound polysaccharide (PS-K) on microtubule proteins. III. Some properties of PS-K inhibition of microtubule polymerization and the site of its action. Fujii T, et al. **Chem Pharm Bull (Tokyo)** 1984 Nov;32(11):4518-24

ATP-induced gelation--contraction of microtubules assembled in vitro. Weisenberg RC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1527-33

PHYSIOLOGY

Assembly of microtubules with ATP: evidence that only a fraction of the protein is assembly-competent. Islam K, et al. **FEBS Lett** 1984 Dec 10;178(2):264-70

Chromosome segregation, kinetochores and DNA-microtubule interaction: a preferential satellite DNA-MAP interaction may be conserved in evolution. Marx KA, et al. **Prog Clin Biol Res** 1985;172B:65-75

MICROTUBULES

Evaluation of techniques for immunofluorescent staining of microtubules in cultured plant cells. Simmonds DH, et al. **J Histochem Cytochem** 1985 Apr;33(4):345-52

[Study of a lysis medium stabilizing microfilaments and microtubules in vitro and in vivo] Foucault G, et al. **Biol Cell** 1984;52(1 Pt A):53-9 (Eng. Abstr.) **(Fre)**

[Microtubules in polymorphonuclear leukocytes from patients with Behçet's disease] Saga T, et al. **Nippon Ganka Gakkai Zasshi** 1985 Feb;89(2):349-53 (Eng. Abstr.) **(Jpn)**

ANALYSIS

Characterization of oligomers of tubulin by two-dimensional native electrophoresis. Correia JJ, et al. **Arch Biochem Biophys** 1985 May 15;239(1):120-9

Flow birefringence of microtubules and its relation to birefringence measurements in cells. Hard R, et al. **Cell Motil** 1985;5(1):31-51

Isomyosins, microtubules and desmin during the onset of cardiac hypertrophy in the rat. Rappaport L, et al. **Eur Heart J** 1984 Dec;5 Suppl F:243-50

Changes in turbidity during microtubule assembly in brain extracts from normal chickens and chickens with muscular dystrophy. Feit H, et al. **J Neurogenet** 1984 Apr;1(2):141-52

[Microtubules and actin in the nervous system] Nishida E. **Tanpakushitsu Kakusan Koso** 1984 Nov;29(12 Suppl):987-1004 (142 ref.) **(Jpn)**

DRUG EFFECTS

Mammalian brain microtubules are sensitive to cyclic AMP in vitro. Manso-Martínez R, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):196-203

Plasma membrane regionalization and compaction of mouse cleaving embryos: effect of microtubule and microfilament inhibitors. Izquierdo L, et al. **Arch Biol Med Exp (Santiago)** 1984 Sep;17(1):29-39

Molecular weight dependency of heparin inhibition of microtubule assembly in vitro. Deinum J, et al. **Biochim Biophys Acta** 1984 Nov 6;802(1):41-8

2-(4-methyl-1-piperazinylmethyl) acrylophenone dihydrochloride: a new antimicrotubular drug. Mallevais ML, et al. **Biochimie** 1984 Jun;66(6):477-82

Effects of antimicrotubular agents in cAMP production and in steroidogenic response of isolated rat Leydig cells. Saltarelli D, et al. **Biol Cell** 1984;52(3):259-66

Effects of tubulozole on the microtubule system of cells in culture and in vivo. Geuens GM, et al. **Cancer Res** 1985 Feb;45(2):733-42

Comparison of the effects of vinblastine, vincristine, vindesine, and vinepidine on microtubule dynamics and cell proliferation in vitro. Jordan MA, et al. **Cancer Res** 1985 Jun;45(6):2741-7

Effect of estramustine phosphate on the assembly of isolated bovine brain microtubules and fast axonal transport in the frog sciatic nerve. Kanje M, et al. **Cancer Res** 1985 May; 45(5):2234-9

Antimicrotubule effects of estramustine, an antiprostatic tumor drug. Stearns ME, et al. **Cancer Res** 1985 Aug; 45(8):3891-7

Vinblastine-induced formation of annulated lamellae in SV3T3 cells. Fan D. **Exp Cell Res** 1984 Oct;154(2):636-8

S-100 proteins and microtubules: analysis of the effects of rat brain S-100 (S-100b) and ox brain S-100a0, S-100a and S-100b on microtubule assembly-disassembly. Donato R, et al. **FEBS Lett** 1985 Jul 1;186(1):65-9

Disruptive effect of diethylstilbestrol on microtubules. Sato Y, et al. **Gann** 1984 Dec;75(12):1046-8

Induction of hepatic alkaline phosphatase by antimicrotubular substances. Wilfred G. **Indian J Biochem Biophys** 1984 Jun; 21(3):186-90

Effect of microtubule inhibitors on invasion and on related activities of tumor cells. Mareel MM, et al. **Int Rev Cytol** 1984;90:125-68 (236 ref.)

Different reactivities of brain and erythrocyte tubulins toward a sulfhydryl group-directed reagent that inhibits microtubule assembly. Ludueña RF, et al. **J Biol Chem** 1985 Jan 25;260(2):1257-64

Synergistic effects of cyclic AMP and nerve growth factor on neurite outgrowth and microtubule stability of PC12 cells. Heidemann SR, et al. **J Cell Biol** 1985 Mar; 100(3):916-27

Taxol-induced neuropathy: short-term effects of local injection. Röyttä M, et al. **J Neurocytol** 1984 Oct; 13(5):685-701

Normolipemic activities of acrylophenone derivatives with antimicrotubular properties. Bard JM, et al. **Methods Find Exp Clin Pharmacol** 1985 Apr;7(4):183-7

Antimicrotubular effects of ethacrynic acid. Mallevais ML, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov; 6(11):675-7

'In vitro' effect of microtubule inhibitors on Trichomonas vaginalis. Juliano C, et al. **Microbiologica** 1985 Jan; 8(1):31-42

Interactions of microtubule-active agents with nicotinic acetylcholine receptors. Relationship to their inhibition of catecholamine secretion by adrenal chromaffin cells. McKay DB, et al. **Mol Pharmacol** 1985 Jul;28(1):10-6

Aprotic polar solvents inducing chromosomal malsegregation in yeast interfere with the assembly of porcine brain tubulin in vitro. Gröschel-Stewart U, et al. **Mutat Res** 1985 May; 149(3):333-8

Diethylstilbestrol induces metaphase arrest and inhibits microtubule assembly. Hartley-Asp B, et al. **Mutat Res** 1985 Aug;143(4):231-5

Attachment of transported vesicles to microtubules in axoplasm is facilitated by AMP-PNP. Lasek RJ, et al. **Nature** 1985 Aug 15-21;316(6029):645-7

Taxol: an antimitotic agent with a new mechanism of action. Manfredi JJ, et al. **Pharmacol Ther** 1984;25(1):83-125 (193 ref.)

[Inhibition by methyl mercury chloride and mercuric chloride of the in vitro polymerization of microtubules] de Saint-Georges L, et al. **C R Soc Biol (Paris)** 1984; 178(5):562-6 (Eng. Abstr.) **(Fre)**

ENZYMOLOGY

Pathway of the microtubule-dynein ATPase and the structure of dynein: a comparison with actomyosin. Johnson KA. **Annu Rev Biophys Biophys Chem** 1985; 14:161-88 (96 ref.)

Microtubule-associated adenylate cyclase. Wolff J, et al. **Biochim Biophys Acta** 1985 Jan 18;844(1):34-41

Inhibition of adenosine-5'-triphosphatase activity in microtubule protein preparation by PS-K. Fujii T, et al. **Chem Pharm Bull (Tokyo)** 1984 Jun;32(6):2460-3

Neural microtubular and lysosomal phenyl valerate esterases and proteases in relation to organophosphate-induced delayed neurotoxicity. Seifert J, et al. **Comp Biochem Physiol [C]** 1984;78(2):271-6

beta-NADPHase- and TMPase-positive 'snake-like tubules' in the exocrine pancreas: cytochemical and immunocytochemical studies. Beaudoin AR, et al. **J Histochem Cytochem** 1985 Jun;33(6):569-75

Separation of endogenous calmodulin- and cAMP-dependent kinases from microtubule preparations. Vallano ML, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3202-6

IMMUNOLOGY

Reorientation of the Golgi apparatus and the microtubule organizing center: is it a means to polarize cell-mediated cytotoxicity? Dennert G, et al. **Adv Exp Med Biol** 1985; 184:83-97

METABOLISM

Role of myosin light-chain phosphorylation and microtubules in stress fiber morphology in cultured mesangial cells. Kreisberg JI, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):F227-35

The use of the fluorescence photobleaching recovery technique to study the self-assembly of tubulin. Arakawa T, et al. **Anal Biochem** 1985 Apr;146(1):134-42

Incorporation of GDP-tubulin during elongation of microtubules in vitro. Manser EJ, et al. **Biochem Biophys Res Commun** 1985 Aug 30;131(1):386-94

Release of C-terminal tyrosine from tubulin and microtubules at steady state. Arce CA, et al. **Biochem J** 1985 Feb 15; 226(1):311-7

Mechanism for nucleotide incorporation into steady-state microtubules. Caplow M, et al. **Biochemistry** 1984 Dec 18; 23(26):6745-52

Deoxyguanosine nucleotide analogues: potent stimulators of microtubule nucleation with reduced affinity for the exchangeable nucleotide site of tubulin. Hamel E, et al. **Biochemistry** 1984 Oct 23;23(22):5314-25

Sliding of STOP proteins on microtubules. Pabion M, et al. **Biochemistry** 1984 Dec 18;23(26):6642-8

Association of fodrin with brain microtubules. Fach BL, et al. **Can J Biochem Cell Biol** 1985 May;63(5):372-81

Distinct populations of microtubules: tyrosinated and nontyrosinated alpha tubulin are distributed differently in vivo. Gundersen GG, et al. **Cell** 1984 Oct;38(3):779-89

In vitro assembly of microtubules from tubulins of several higher plants. Mizuno K. **Cell Biol Int Rep** 1985 Jan; 9(1):13-21

Binding of axonemal dynein to microtubules comprising the cytoplasmic transport system in insect ovarioles. Stebbings H, et al. **Cell Biol Int Rep** 1985 Mar;9(3):245-52

Microtubule crossbridging by chlamydomonas dynein. Haimo LT, et al. **Cell Motil** 1984;4(5):371-85

Aster formation in vitro is nucleated by granules isolated from the mitotic apparatus. Toriyama M, et al. **Cell Struct Funct** 1984 Sep;9(3):213-24

Structural differences between brain beta 1- and beta 2-tubulins: implications for microtubule assembly and colchicine binding. Little M, et al. **EMBO J** 1985 Jan; 4(1):51-6

Bundling of microtubules by glyceraldehyde-3-phosphate dehydrogenase and its modulation by ATP. Huitorel P, et al. **Eur J Biochem** 1985 Jul 15;150(2):265-9

Nucleoside diphosphate kinase from brain. Purification and effect on microtubule assembly in vitro. Huitorel P, et al. **Eur J Biochem** 1984 Oct 15;144(2):233-41

Identification and spatial arrangement of high molecular weight proteins (Mr 300 000-330 000) co-assembling with microtubules from a cultured cell line (rat glioma C6). Koszka C, et al. **Eur J Cell Biol** 1985 Jul;38(1):149-56

Studies on calmodulin-binding proteins (CaMBPs) in the cilia of Tetrahymena. Hirano J, et al. **Exp Cell Res** 1985 Apr; 157(2):441-50

Reduced transport of bilirubin and asialoorosomucoid in regenerating rat liver is a microtubule-independent event. Stollman YR, et al. **Hepatology** 1985 Sep-Oct;5(5):798-804

ATP hydrolysis coupled to microtubule sliding in sea-urchin sperm flagella. Kamimura S, et al. **J Biochem (Tokyo)** 1985 May;97(5):1509-15

Participation of 200K or 150K subunit of neurofilament in construction of the filament core with 70K subunit and promotion of tubulin polymerization by incorporated 200K subunit. Minami Y, et al. **J Biochem (Tokyo)** 1984 Nov; 96(5):1481-90

4',6-Diamidino-2-phenylindole, a fluorescent probe for tubulin and microtubules. Bonne D, et al. **J Biol Chem** 1985 Mar 10;260(5):2819-25

Axonal tubulin and axonal microtubules: biochemical evidence for cold stability. Brady ST, et al. **J Cell Biol** 1984 Nov;99(5):1716-24

Detection of single microtubules in living cells: particle transport can occur in both directions along the same microtubule. Hayden JH, et al. **J Cell Biol** 1984 Nov; 99(5):1785-93

Cytoplasmic dynein-like ATPase cross-links microtubules in an ATP-sensitive manner. Hollenbeck PJ, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1251-8

Reversal of the posttranslational modification on Chlamydomonas flagellar alpha-tubulin occurs during flagellar resorption. L'Hernault SW, et al. **J Cell Biol** 1985 Feb;100(2):457-62

Microtubule-associated protein 2 within axons of spinal motor neurons: associations with microtubules and neurofilaments in normal and beta,beta'-iminodipropionitrile-treated axons. Papasozomenos SC, et al. **J Cell Biol** 1985 Jan;100(1):74-85

Polymerization of tubulin in vivo: direct evidence for assembly onto microtubule ends and from centrosomes. Soltys BJ, et al. **J Cell Biol** 1985 May;100(5):1682-9

Inhibitory effect of colchicine and vinblastine on transport of glucagon receptors to the plasma membrane in cultured rat hepatocytes. Watanabe J, et al. **J Endocrinol** 1985 Jul; 106(1):125-31

Reorientation of the microtubule-organizing center and the Golgi apparatus in cloned cytotoxic lymphocytes triggered by binding to lysable target cells. Kupfer A, et al. **J Immunol** 1984 Nov;133(5).2762-6

Identification of endogenous calmodulin-dependent kinase and calmodulin-binding proteins in cold-stable microtubule preparations from rat brain. Larson RE, et al. **J Neurochem** 1985 May;44(5):1566-74

Microtubule-associated proteins (MAPs): a monoclonal antibody to MAP 1 decorates microtubules in vitro but stains stress fibers and not microtubules in vivo. Asai DJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1434-8

Directed elongation model for microtubule GTP hydrolysis. Caplow M, et al. **Proc Natl Acad Sci USA** 1985 May; 82(10):3267-71

Theoretical treatment of microtubules disappearing in solution. Chen Y, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4127-31

Monte Carlo study of the GTP cap in a five-start helix model of a microtubule. Chen YD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1131-5

Theoretical problems related to the attachment of microtubules to kinetochores. Hill TL. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4404-8

Introductory analysis of the GTP-cap phase-change kinetics at the end of a microtubule. Hill TL. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6728-32

Phase-change kinetics for a microtubule with two free ends. Hill TL. **Proc Natl Acad Sci USA** 1985 Jan;82(2):431-5

The effects of methyl mercury binding to microtubules. Vogel DG, et al. **Toxicol Appl Pharmacol** 1985 Sep 30; 80(3):473-86

PATHOLOGY

Tumor promoters stimulate hyperplasia of microtubule organizing center and inhibit DNA synthesis in cultured cells. Mascardo RN, et al. **J Clin Invest** 1984 Oct; 74(4):1186-92

PHYSIOLOGY

The role of lysosomes and microtubules in cardiac protein degradation. Wildenthal K, et al. **Adv Myocardiol** 1985; 5:137-44

Microinjection of monoclonal tubulin antibodies into living cells as an approach to evaluate the contribution of microtubules to cellular physiology. Wehland J, et al. **Biochem Soc Trans** 1985 Feb;13(1):16-8

The role of microtubules and microfilaments in the hydrosmotic response to antidiuretic hormone. Parisi M, et al. **Biochim Biophys Acta** 1985 Jul 25;817(2):333-42

Relationships between cytoplasmic microtubular complex, DNA synthesis and cell morphology in mouse embryonic fibroblasts (effects of age, serum deprivation, aphidicolin, cytochalasin B and colchicine). Van Gansen P, et al. **Biol Cell** 1984;52(2):161-74

On the contribution of dynein-like activity to twisting in a three-dimensional sliding filament model. Hines M, et al. **Biophys J** 1985 May;47(5):705-8

Microtubule reassembly in surface-activated platelets. White JG, et al. **Blood** 1985 Jun;65(6):1494-503

Single microtubules from squid axoplasm support bidirectional movement of organelles. Schnapp BJ, et al. **Cell** 1985 Feb;40(2):455-62

In vitro translocation of organelles along microtubules. Schroer TA, et al. **Cell** 1985 Apr;40(4):729-30 (25 ref.)

Identification of a novel force-generating protein, kinesin, involved in microtubule-based motility. Vale RD, et al. **Cell** 1985 Aug;42(1):39-50

Organelle, bead, and microtubule translocations promoted by soluble factors from the squid giant axon. Vale RD, et al. **Cell** 1985 Mar;40(3):559-69

Reorientation of the Golgi apparatus and the microtubule-organizing center inside macrophages subjected to a chemotactic gradient. Nemere I, et al. **Cell Motil** 1985;5(1):17-29

Microtubules. Sakai H. **Cell Struct Funct** 1984 Jul;9 Suppl:s55-61 (92 ref.)

Cilia and flagella. Takahashi K. **Cell Struct Funct** 1984 Jul; 9 Suppl:s87-90 (52 ref.)

Resorption of microtubules and nucleus during the encystation process in Echinosphaerium nucleofilum. Shigenaka Y, et al. **Cytobios** 1984;41(162):113-26

Microtubules and the organization of the Golgi complex. Thyberg J, et al. **Exp Cell Res** 1985 Jul;159(1):1-16 (139 ref.)

The microtubular cytoskeleton and the initiation of DNA synthesis. Thyberg J. **Exp Cell Res** 1984 Nov;155(1):1-8

Plasmodium gallinaceum: critical role for microtubules in the transformation of zygotes into Ookinetes. Kumar N, et al. **Exp Parasitol** 1985 Apr;59(2):239-47

Assembly of microtubules with ATP: evidence that only a fraction of the protein is assembly-competent. Islam K, et al. **FEBS Lett** 1984 Dec 10;178(2):264-70

Interaction of estramustine phosphate with microtubule-associated proteins. Wallin M, et al. **FEBS Lett** 1985 Jan 7;179(2):289-93

Cytoplasmic microtubules are essential for the formation of membrane-bound polyribosomes. Walker PR, et al. **J Biol Chem** 1985 Jan 25;260(2):765-70

Gliding movement of and bidirectional transport along single native microtubules from squid axoplasm: evidence for an active role of microtubules in cytoplasmic transport. Allen RD, et al. **J Cell Biol** 1985 May;100(5):1736-52

Depolymerization of microtubules increases the motional freedom of molecular probes in cellular plasma membranes. Aszalos A, et al. **J Cell Biol** 1985 May;100(5):1357-62

Evidence for an involvement of actin in the positioning and motility of centrosomes. Euteneuer U, et al. **J Cell Biol** 1985 Jul;101(1):96-103

Tension and compression in the cytoskeleton of PC 12 neurites. Joshi HC, et al. **J Cell Biol** 1985 Sep; 101(3):697-705

Properties of the kinetochore in vitro. I. Microtubule nucleation and tubulin binding. Mitchison TJ, et al. **J Cell Biol** 1985 Sep;101(3):755-65

Properties of the kinetochore in vitro. II. Microtubule capture and ATP-dependent translocation. Mitchison TJ, et al. **J Cell Biol** 1985 Sep;101(3):766-77

Alternate patterns of doublet microtubule sliding in ATP-disintegrated macrocilia of the ctenophore Beroë. Tamm SL, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1364-71

The Golgi apparatus remains associated with microtubule organizing centers during myogenesis. Tassin AM, et al. **J Cell Biol** 1985 Aug;101(2):630-8

ATP-induced gelation--contraction of microtubules assembled in vitro. Weisenberg RC, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1527-33

Effect of microtubule-destroying drugs on the spreading and shape of cultured epithelial cells. Domnina LV, et al. **J Cell Sci** 1985 Mar;74:267-82

Regulation of cell shape in Euglena gracilis. III. Involvement of stable microtubules. Lachney CL, et al. **J Cell Sci** 1985 Mar;74:219-37

Microtubules influence compaction in preimplantation mouse embryos. Maro B, et al. **J Embryol Exp Morphol** 1984 Dec; 84:217-32

Intracellular type A retrovirus movement associated with an intact microtubule system. Heine UI, et al. **J Gen Virol** 1985 Feb;66 (Pt 2):275-82

Are axoplasmic microtubules necessary for membrane excitation? Terakawa S, et al. **J Membr Biol** 1985; 85(1):65-77

Promotion of microtubule assembly by neurofilament-associated microtubule-associated proteins. Leterrier JF, et al. **J Neurochem** 1984 Nov;43(5):1385-91

Coated vesicles are associated with acetylcholine receptors at nerve-muscle contacts. Bursztajn S. **J Neurocytol** 1984 Aug;13(4):503-18

Microtubules in periodontal ligament cells in relation to tooth eruption and collagen degradation. Beertsen W, et al. **J Periodont Res** 1984 Sep;19(5):489-500

The role of the microtubular system in LH/hCG receptor downregulation in rat Leydig cells. Laws AO, et al. **Mol Cell Endocrinol** 1984 Nov;38(1):39-51

Translocation of vesicles from squid axoplasm on flagellar microtubules. Gilbert SP, et al. **Nature** 1985 May 16-22; 315(6016):245-8

Baseless flagellation [news] Hyams JS. **Nature** 1985 Apr 4-10; 314(6010):401

Cell biology. Microtubule catastrophe [news] McIntosh JR. **Nature** 1984 Nov 15-21;312(5991):196-7

Microtubule assembly nucleated by isolated centrosomes. Mitchison T, et al. **Nature** 1984 Nov 15-21;312(5991):232-7

Dynamic instability of microtubule growth. Mitchison T, et al. **Nature** 1984 Nov 15-21;312(5991):237-42

Microtubule assembly as a phase transition [letter] Pfeuty P. **Nature** 1985 Feb 28-Mar 6;313(6005):743-4

Cold-stable microtubules and microtubule-organizing centres in astrocytes in primary culture. Hesketh JE, et al. **Neurosci Lett** 1984 Oct 12;51(2):155-60

Chromosome segregation, kinetochores and DNA-microtubule interaction: a preferential satellite DNA-MAP interaction may be conserved in evolution. Marx KA, et al. **Prog Clin Biol Res** 1985;172B:65-75

Microtubules during germinal vesicle breakdown (GVBD) of Xenopus oocytes: effect of Ca2+ ionophore A-23187 and taxol. Huchon D, et al. **Reprod Nutr Dev** 1985; 25(2):465-79

[Reorganization of the microtubule network is associated with the growth of rat heart] Samuel JL, et al. **Arch Anat Cytol Pathol** 1985;33(2):95 (Fre)

RADIATION EFFECTS

Effect of gamma-irradiation on microtubule assembly in vitro. Gal V, et al. **Int J Radiat Biol** 1984 Oct;46(4):435-42

ULTRASTRUCTURE

Microtubular mass defect of spermatozoa in the stallion. Heath E, et al. **Am J Vet Res** 1985 May;46(5):1121-5

Remarks on the role of microtubules in enucleating normoblasts. Lemke C, et al. **Anat Anz** 1984;156(5):427-31

Axonal microtubules: a computer-linked quantitative analysis. Malbouisson AM, et al. **Anat Embryol (Berl)** 1985; 171(3):339-44

Prior exposure of macrophages to a low temperature enhances their cyclic AMP responses due to microtubule disruption. Hazeki K, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):101-9

Three-dimensional network of microtubules in secretory ameloblasts of rat incisors. Nishikawa S, et al. **Arch Oral Biol** 1985;30(1):1-11

Microtubules and desmin filaments during the onset of heart growth in the rat. Rappaport L, et al. **Basic Res Cardiol** 1985;80 Suppl 1:129-32

Preparation and biological activity of taxol acetates. Mellado W, et al. **Biochem Biophys Res Commun** 1984 Oct 30; 124(2):329-36

Microtubule-associated proteins connect microtubules and neurofilaments in vitro. Aamodt EJ, et al. **Biochemistry** 1984 Dec 4;23(25):6023-31

Association of microtubules and neurofilaments in vitro is not mediated by ATP. Aamodt EJ, et al. **Biochemistry** 1984 Dec 4;23(25):6031-5

Tubulin-colchicine complexes differentially poison opposite microtubule ends. Farrell KW, et al. **Biochemistry** 1984 Jul 31;23(16):3741-8

Separation of active tubulin and microtubule-associated proteins by ultracentrifugation and isolation of a component causing the formation of microtubule bundles. Hamel E, et al. **Biochemistry** 1984 Aug 28;23(18):4173-84

Formation of microtubules at low temperature by tubulin from antarctic fish. Williams RC Jr, et al. **Biochemistry** 1985 May 21;24(11):2790-8

Changes in organization and microtubule assembly activity of the centrosome during lymphocyte stimulation. Schweitzer I, et al. **Biol Cell** 1984;52(2):147-59

Lipid phase of transverse tubule membranes from skeletal muscle. An electron paramagnetic resonance study. Hidalgo C. **Biophys J** 1985 Jun;47(6):757-64

Isolation of microtubule coils from normal human platelets. White JG, et al. **Blood** 1985 Apr;65(4):1028-32

Long term alcohol consumption induces microtubular changes in the adult rat cerebellar cortex. Paula-Barbosa MM, et al. **Brain Res** 1985 Jul 22;339(1):195-9

The recovery of organelle transport and microtubule integrity in myelinated axons that are frozen and thawed. Smith RS, et al. **Can J Physiol Pharmacol** 1985 Apr; 63(4):292-7

The influence of microtubule associated proteins on the production of polymorphic products from tubulin and microtubules. Fakhari SM, et al. **Cell Biol Int Rep** 1984 Dec;8(12):1041-50

A prominent microtubule cytoskeleton in Acanthamoeba. Preston TM. **Cell Biol Int Rep** 1985 Apr;9(4):307-14

Immunofluorescence microscopy of tubulin and microtubule arrays in plant cells. III. Transition between mitotic/cytokinetic and interphase microtubule arrays. Wick SM. **Cell Biol Int Rep** 1985 Apr;9(4):357-71

In vitro inhibition of tubulin assembly by a ribonucleoprotein complex associated with the free ribosome fraction isolated from Xenopus laevis oocytes: effect at the level of microtubule-associated proteins. Jessus C, et al. **Cell Differ** 1984 Aug;14(3):179-87

Proteins closely similar to flagellar tektins are detected in cilia but not in cytoplasmic microtubules. Amos WB, et al. **Cell Motil** 1985;5(3):239-49

The three-dimensional architecture of chromosome fibres in the crane fly. II. Amphitelic sex univalents in meiotic anaphase I. Fuge H. **Chromosoma** 1985;91(3-4):322-8

Tubular aggregates in skeletal muscle: toxic or metabolic nature? [letter] Dastur DK. **Clin Neuropathol** 1984 Nov-Dec;3(6):266-7

Insulin and multiplication-stimulating activity induce a very rapid centrosomal orientation response to wounding in endothelial cell monolayers. Mascardo RN, et al. **Diabetes** 1984 Nov;33(11):1099-105

Effects of taxol on microtubule organization in mouse splenic lymphocytes and on response to mitogenic stimulation. Brown DL, et al. **Eur J Cell Biol** 1985 May;37:130-9

Polarity of marginal-band microtubules in vertebrate erythrocytes. Euteneuer U, et al. **Eur J Cell Biol** 1985 May; 37:149-55

Microtubule distribution and reorganization in the first cell cycle of fertilized eggs of Lytechinus pictus. Hollenbeck PJ, et al. **Eur J Cell Biol** 1985 May;37:140-8

Different distributions of microtubules, desmin filaments and isomyosins during the onset of cardiac hypertrophy in the rat. Samuel JL, et al. **Eur J Cell Biol** 1984 Jul;34(2):300-6

Intracellular pH shift leads to microtubule assembly and microtubule-mediated motility during sea urchin fertilization: correlations between elevated intracellular pH and microtubule activity and depressed intracellular pH and microtubule disassembly. Schatten G, et al. **Eur J Cell Biol** 1985 Jan;36(1):116-27

Changes in microtubule arrays during the differentiation of cortical root cells of Raphanus sativus. Traas JA, et al. **Eur J Cell Biol** 1984 Jul;34(2):229-38

Dual effect of procaine in sea urchin eggs. Inducer and inhibitor of microtubule assembly. Coffe G, et al. **Exp Cell Res** 1985 Jan;156(1):175-81

Interaction of triethyl lead chloride with microtubules in vitro and in mammalian cells. Zimmermann HP, et al. **Exp Cell Res** 1985 Jan;156(1):140-52

Microtubule density and size of axons in early diabetes: implications for nerve cell homeostasis. Iturriaga R. **Exp Neurol** 1985 Apr;88(1):165-75

Microtubule assembly in rat brain extracts. Further characterization of the effects of zinc on assembly and cold stability. Hesketh JE. **Int J Biochem** 1984;16(12):1331-9

Mechanism of microtubule assembly. Changes in polymer structure and organization during assembly of sea urchin egg tubulin. Detrich HW 3d, et al. **J Biol Chem** 1985 Aug 5;260(16):9479-90

Bis(1,8-anilinonaphthalenesulfonate). A novel and potent inhibitor of microtubule assembly. Horowitz P, et al. **J Biol Chem** 1984 Dec 10;259(23):14647-50

Contrasting roles of tau and microtubule-associated protein 2 in the vinblastine-induced aggregation of brain tubulin. Ludueña RF, et al. **J Biol Chem** 1984 Oct 25; 259(20):12890-8

Microtubule nucleating sites in higher plant cells identified by an auto-antibody against pericentriolar material. Clayton L, et al. **J Cell Biol** 1985 Jul;101(1):319-24

Influence of the centrosome on the structure of nucleated microtubules. Evans L, et al. **J Cell Biol** 1985 Apr; 100(4):1185-91

Spatial organization of axonal microtubules. Heidemann SR, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1289-95

Cytoskeletal architecture and immunocytochemical localization of microtubule-associated proteins in regions of axons associated with rapid axonal transport: the beta,beta'-iminodipropionitrile-intoxicated axon as a model system. Hirokawa N, et al. **J Cell Biol** 1985 Jul; 101(1):227-39

MAP3: characterization of a novel microtubule-associated protein. Huber G, et al. **J Cell Biol** 1985 Feb;100(2):496-507

Bidirectional organelle transport can occur in cell processes that contain single microtubules. Koonce MP, et al. **J Cell Biol** 1985 Jan;100(1):322-6

Localization of tektin filaments in microtubules of sea urchin sperm flagella by immunoelectron microscopy. Linck RW, et al. **J Cell Biol** 1985 Jan;100(1):126-35

The total length of spindle microtubules depends on the number of chromosomes present. Nicklas RB, et al. **J Cell Biol** 1985 Jan;100(1):1-7

MAP 4: a microtubule-associated protein specific for a subset of tissue microtubules. Parysek LM, et al. **J Cell Biol** 1984 Dec;99(6):2287-96

Spindle microtubule dynamics in sea urchin embryos: analysis using a fluorescein-labeled tubulin and measurements of fluorescence redistribution after laser photobleaching. Salmon ED, et al. **J Cell Biol** 1984 Dec;99(6):2165-74

Tubulin dynamics in cultured mammalian cells. Saxton WM, et al. **J Cell Biol** 1984 Dec;99(6):2175-86

Reformation of the marginal band of avian erythrocytes in vitro using calf-brain tubulin: peripheral determinants of microtubule form. Swan JA, et al. **J Cell Biol** 1984 Dec; 99(6):2108-13

Fate of microtubule-organizing centers during myogenesis in vitro. Tassin AM, et al. **J Cell Biol** 1985 Jan;100(1):35-46

Diminution of microtubular organelles after experimental reduction in cell size in the ciliate, Dileptus. Golinska K. **J Cell Sci** 1984 Aug;70:25-39

Brief extraction with detergent induces the appearance of many plasma membrane-associated microtubules in hepatocytic cells. Mesland DA, et al. **J Cell Sci** 1984 Jun; 68:113-37

Cell membrane-associated microtubules in secretory ameloblasts of rat incisor. Nishikawa S, et al. **J Electron Microsc (Tokyo)** 1984;33(1):34-8

Unstained microtubules studied by cryo-electron microscopy. Substructure, supertwist and disassembly. Mandelkow EM, et al. **J Mol Biol** 1985 Jan 5;181(1):123-35

Microtubules in the heart muscle of the postnatal and adult rat. Cartwright J Jr, et al. **J Mol Cell Cardiol** 1985 Jan; 17(1):1-7

Behavior of sarcotubular system formation in experimentally induced regeneration of muscle fibers. Miike T, et al. **J Neurol Sci** 1984 Aug;65(2):193-200

Novel organization of microtubules in cultured central nervous system neurons: formation of hairpin loops at ends of maturing neurites. Tsui HT, et al. **J Neurosci** 1984 Dec; 4(12):3002-13

Microtubules in neutrophils of patients with Behçet's disease. Saga T, et al. **Jpn J Ophthalmol** 1985;29(1):31-6

Distribution of microtubules in cultured hepatocytes from rats, demonstrated by immunofluorescence microscopy. Motoori H, et al. **Kurume Med J** 1984;31(2):125-34

Parallel tubular arrays in large granular lymphocytes [letter] Payne CM. **Lab Invest** 1984 Nov;51(5):598-600

Phase changes at the end of a microtubule with a GTP cap. Hill TL, et al. **Proc Natl Acad Sci USA** 1984 Sep;

81(18):5772-6

Microtubule configurations during fertilization, mitosis, and early development in the mouse and the requirement for egg microtubule-mediated motility during mammalian fertilization. Schatten G, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4152-6

Fluorescence microscopy with antisera against specific cellular structure: double photography method for cell identification in populations of multiple cell types. Cherry LM. **Stain Technol** 1985 Mar;60(2):99-102

Ultrastructure of nematocyst discharge in catch tentacles of the sea anemone Haliplanella luciae (Cnidaria: Anthozoa). Watson GM, et al. **Tissue Cell** 1985;17(2):199-213

[Regulating role of the microtubule system in the distribution of actin microfilament bundles in embryonic fibroblasts] Liass LA, et al. **Ontogenez** 1985 Mar-Apr;16(2):167-70 (Eng. Abstr.) **(Rus)**

[Role of microtubules and intermediate filaments in maintaining the shape of epithelial cells] Karavanova ID, et al. **Tsitologiia** 1985 Jun;27(6):693-7 (Eng. Abstr.) **(Rus)**

[Relative spacing of the microtubules and intermediate filaments during fibroblast spreading in culture] Liss LA. **Tsitologiia** 1985 Mar;27(3):342-5 (Eng. Abstr.) **(Rus)**

MICROTUS see CRICETIDAE

MICROVILLI

ANALYSIS

The basolateral membrane of rat enterocyte: its purification from brush border contamination. Orsenigo MN, et al. **Anal Biochem** 1985 Feb 1;144(2):577-83

Two-dimensional isoelectric focussing/sodium dodecyl sulphate polyacrylamide gel electrophoretic mapping and some molecular characteristics of the proteins of the adult guinea-pig small intestinal microvillus membrane. Wall JC, et al. **Biochim Biophys Acta** 1985 May 14;815(2):175-83

Membrane-associated vitamin D-induced calcium-binding protein (CaBP): quantification by a radioimmunoassay and evidence for a specific CaBP in purified intestinal brush borders. Shimura F, et al. **Endocrinology** 1984 Nov; 115(5):1964-72

Glycosaminoglycans from renal brush border membranes of rabbits. Munakata H, et al. **Tohoku J Exp Med** 1985 Apr; 145(4):353-8

CYTOLOGY

Differential response of duodenal epithelial cells to 1,25-dihydroxyvitamin D3 according to position on the villus: a comparison of calcium uptake, calcium-binding protein, and alkaline phosphatase activity. Bikle DD, et al. **Endocrinology** 1984 Dec;115(6):2077-84

DRUG EFFECTS

Effects of aminoglycosides on proximal tubule brush border membrane phosphatidylinositol-specific phospholipase C. Schwertz DW, et al. **J Pharmacol Exp Ther** 1984 Oct; 231(1):48-55

ENZYMOLOGY

Renal brush border membranes in X-linked hypophosphatemic mice: a study of the protein kinase activity. Brunette MG, et al. **Adv Exp Med Biol** 1984; 178:37-40

NAD-glycohydrolase in renal brush border membranes. Kempson SA. **Am J Physiol** 1985 Sep;249(3 Pt 2):F366-73

Presence and characterization of acetylcholinesterase in brush-border and basolateral membranes of rabbit enterocytes. Sine JP, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):190-2

Characterization of particulate and soluble variants of the brush-border enzymes alanine aminopeptidase, alkaline phosphatase and gamma-glutamyltransferase in human urine. Jung K, et al. **Biomed Biochim Acta** 1984; 43(12):1357-64

Affinity chromatography of urinary brush-border enzymes on concanavalin-Sepharose [letter] Jung K, et al. **Clin Chem** 1984 Nov;30(11):1878-9

Comparative characterization of some enterocytic brush border membrane enzymes in mammals and fish. Egorova VV, et al. **Comp Biochem Physiol [B]** 1985;80(4):871-81

Biosynthesis of intestinal microvillar proteins. Surface expression of aminopeptidase N is not affected by chloroquine. Danielsen EM, et al. **FEBS Lett** 1985 Jan 1; 179(1):160-4

Immunohistological evidence, obtained with monoclonal antibodies, of small intestinal brush border hydrolases in human colon cancers and foetal colons. Zweibaum A, et al. **Int J Cancer** 1984 Nov 15;34(5):591-8

Induction of microvillar hydrolase activities by cell density and exogenous differentiation inducers in an established kidney epithelial cell line (LLC-PK1). Yoneyama Y, et al. **J Cell Physiol** 1984 Oct;121(1):64-73

De novo synthesis of brush border membrane enzymes during intestinal perfusion with bile salt in the rat. Bossmann B, et al. **J Clin Chem Clin Biochem** 1984 Jul;22(7):449-51

Antigenic cross-reactions among human intestinal brush-border enzymes revealed by the immunoblotting method and rabbit anti-enzyme sera. Triadou N. **J Immunol Methods** 1984 Oct 26;73(2):283-91

The effect of immediate-type gastrointestinal allergic reactions on brush border enzymes and gut morphology in the rat. Freier S, et al. **Pediatr Res** 1985 May;19(5):456-9

Enzymes in placental microvilli: angiotensin I converting enzyme, angiotensinase A, carboxypeptidase, and neutral endopeptidase ('enkephalinase'). Johnson AR, et al. **Peptides (Fayetteville)** 1984 Jul-Aug;5(4):789-96

Expression of the Mep-1 gene regulating meprin, a kidney brush border proteinase. Beynon RJ, et al. **Prog Clin Biol Res** 1985;180:185-94

[Proteases of swine small intestine enterocytes. Kinetics of substrate hydrolysis and inhibition of aminopeptidase N from brush border vesicles] Mikhaĭlova AG, et al. **Biokhimiia** 1984 Oct;49(10):1733-8 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Progressive passive Heymann nephritis: induction of autologous antibodies to rat brush border by multiple injections of heterologous antiserum. Barabas AZ, et al. **Clin Exp Immunol** 1985 May;60(2):381-6

The distribution and molecular presentation of the brush border antigen of Heymann nephritis in various rat tissues. Singh AK, et al. **Clin Exp Immunol** 1985 Jun;60(3):579-85

In vivo localization of C3 on the brush border of proximal tubules of kidneys from nephrotic patients. Camussi G, et al. **Clin Nephrol** 1985 Mar;23(3):134-41

Abnormal embryonic development induced by antibodies to rat visceral yolk-sac endoderm: isolation of the antigen and localization to microvillar membrane. Leung CC, et al. **Dev Biol** 1985 Feb;107(2):432-41

Antibodies reacting with brush borders of rat kidney tubules in sera from children with chronic hepatitis and chronic glomerulonephritis. Slusarczyk J, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):15-7

Antibodies reacting with brush borders of rat kidney tubules in sera from children with chronic hepatitis and chronic glomerulonephritis. Slusarczyk J, et al. **Mater Med Pol** 1984 Jan-Mar;16(1):15-7

[Characterization of membrane antigens from human kidney and renal adenocarcinoma] Scherberich JE, et al. **Immun Infekt** 1984 Nov;12(6):267-78 (Eng. Abstr.) **(Ger)**

METABOLISM

Role of c-AMP and NAD in the regulation of Na+-dependent phosphate transport across rat renal brush border membranes. Biber J, et al. **Adv Exp Med Biol** 1984; 178:49-57

Influence of temperature on phosphate uptake by renal brush border membrane vesicles. Brunette MG, et al. **Adv Exp Med Biol** 1984;178:29-32

Effects of pH and sodium on phosphate transport across brush border membrane vesicles of small intestine. Danisi G, et al. **Adv Exp Med Biol** 1984;178:173-80

Comparison of the effect of nucleotides on phosphate transport in renal brush border membrane vesicles and intact proximal tubules. Fine LG, et al. **Adv Exp Med Biol** 1984;178:69-72

The biochemical modifications of the brush border membrane induced by vitamin D and parathyroid hormone in their actions on phosphate transport. Hruska K, et al. **Adv Exp Med Biol** 1984;178:3-19

Brush border vesicle transport effects of 1,25-dihydroxy vitamin D3. Puschett JB, et al. **Adv Exp Med Biol** 1984; 178:133-4

Dipeptide transport in brush-border membrane vesicles isolated from normal term human placenta. Ganapathy ME, et al. **Am J Obstet Gynecol** 1985 Sep 1;153(1):83-6

Carrier-mediated concentrative urate transport in rat renal membrane vesicles. Abramson RG, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):F574-84

Developmental maturation of D-glucose transport by rat jejunal brush-border membrane vesicles. Ghishan FK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):G87-92

Proton/hydroxyl permeability of proximal tubule brush border vesicles. Ives HE. **Am J Physiol** 1985 Jan;248(1 Pt 2):F78-86

Sodium-pyrazinoate cotransport in rabbit renal brush border membrane vesicles. Manganel M, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):F400-8

Mechanisms of Na+ uptake into renal brush border membrane vesicles. Nord EP, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):F548-54

Cl- transport via anion exchange in Necturus renal microvillus membranes. Seifter JL, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):F888-95

Transport of glutathione by intestinal brush border membrane vesicles. Linder M, et al. **Biochem Biophys Res Commun** 1984 Sep 28;123(3):929-36

Postnatal changes in biosynthesis of microvillus membrane glycans of rat small intestine: I. Evidence of a developmental shift from terminal sialylation to fucosylation. Torres-Pinedo R, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):546-53

Effect of arginine modification on kidney brush-border-membrane transport activity. Strevey J, et al. **Biochem J** 1984 Nov 1;223(3):793-802

Kinetic studies of D-glucose transport in renal brush-border membrane vesicles of streptozotocin-induced diabetic rats. Blank ME, et al. **Biochim Biophys Acta** 1985 Mar 21; 844(3):314-9

Characterization of interaction between Tb3+ and porcine intestinal brush-border membranes. Ohyashiki T, et al. **Biochim Biophys Acta** 1985 Jul 11;817(1):181-6

Age-related changes in enzyme activities, protein content and lipid composition of rat kidney brush-border membrane. Pratz J, et al. **Biochim Biophys Acta** 1985 Apr 11;814(2):265-73

Intramembranous particles are clustered on microvillus membrane vesicles. Rigler MW, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):131-41

Biochemistry of the Na+, D-glucose cotransporter of the small-intestinal brush-border membrane. The state of the art in 1984. Semenza G, et al. **Biochim Biophys Acta** 1984 Sep 3;779(3):343-79 (177 ref.)

Renal brush border membranes from mice with X-linked hypophosphatemia: protein composition, phosphate binding capacity, and protein kinase activity. Brunette MG, et al. **Can J Physiol Pharmacol** 1984 Nov;62(11):1394-400

Transport of adenosine by kidney brush border vesicles. Le Hir M, et al. **Contrib Nephrol** 1984;41:417-9

Thyroid hormones increase renal brush border membrane transport of phosphate in X-linked hypophosphatemic (Hyp) mice. Kiebzak GM, et al. **Endocrinology** 1985 Aug; 117(2):613-9

The uptake of lead by small intestine, colon and gallbladder of the guinea pig in vivo. Hussein KA, et al. **Histochemistry** 1984;81(6):591-6

Role of alkaline phosphatase in phosphate uptake into brush border membrane vesicles from human intestinal mucosa. Hirano K, et al. **J Biochem (Tokyo)** 1985 May;97(5):1461-6

Direct evidence for the role of the membrane potential in glutathione transport by renal brush-border membranes. Inoue M, et al. **J Biol Chem** 1985 Jan 10;260(1):326-31

Na+-H+ exchange in isolated renal brush-border membrane vesicles in response to metabolic acidosis. Kinetic effects. Kinsella J, et al. **J Biol Chem** 1984 Nov 10;259(21):13224-7

Sodium-dependent transport of inorganic sulfate by rabbit renal brush-border membrane vesicles. Effects of other ions. Schneider EG, et al. **J Biol Chem** 1984 Dec 10; 259(23):14591-9

Radiation inactivation studies on the rabbit kidney sodium-dependent glucose transporter. Takahashi M, et al. **J Biol Chem** 1985 Sep 5;260(19):10551-6

Identification and conformational changes of the intestinal proline carrier. Wright EM, et al. **J Biol Chem** 1984 Dec 25;259(24):14993-6

Comparison of Ca++-regulated events in the intestinal brush border. Glenney JR Jr, et al. **J Cell Biol** 1985 Mar; 100(3):754-63

Ontogenesis of taurocholate transport by rat ileal brush border membrane vesicles. Barnard JA, et al. **J Clin Invest** 1985 Mar;75(3):869-73

L- and D-alanine transport in brush border membrane vesicles from lepidopteran midgut: evidence for two transport systems. Hanozet GM, et al. **J Membr Biol** 1984; 81(3):233-40

Renal cortical brush-border and basolateral membranes: cholesterol and phospholipid composition and relative turnover. Molitoris BA, et al. **J Membr Biol** 1985; 83(3):207-15

Transport of neutral and cationic amino acids across the brush-border membrane of the rabbit ileum. Munck BG. **J Membr Biol** 1985;83(1-2):1-13

Transport of imino acids and non-alpha-amino acids across the brush-border membrane of the rabbit ileum. Munck BG. **J Membr Biol** 1985;83(1-2):15-24

Uptake of amino beta-lactam antibiotics into rat intestinal brush border membrane vesicles. Iseki K, et al. **J Pharm Pharmacol** 1985 May;37(5):374-5

Characteristics of dicarboxylic amino acid transport by rabbit intestinal brush-border membrane vesicles. **Nutr Rev** 1985 Jan;43(1):30-2 (14 ref.)

Mechanism of rapid phosphate (Pi) transport adaptation to a single low Pi meal in rat renal brush border membrane. Caverzasio J, et al. **Pflugers Arch** 1985 Jul;404(3):227-31

Uphill transport of pyrimidine nucleosides in renal brush border vesicles. Le Hir M, et al. **Pflugers Arch** 1985 Jul; 404(3):238-43

Chloride/formate exchange with formic acid recycling: a mechanism of active chloride transport across epithelial membranes. Karniski LP, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6362-5

Differential binding of folates by rat renal cortex brush border and basolateral membrane preparations. Corrocher R, et al. **Proc Soc Exp Biol Med** 1985 Jan;178(1):73-84

The role of calmodulin in 1,25-dihydroxyvitamin D regulation of calcium transport across the intestinal brush border membrane. Bikle DD, et al. **Prog Clin Biol Res** 1984; 168:193-8

Kinetics of phosphate uptake by brush border membranes (BBM) from superficial and deep cortex. Brunette MG, et al. **Prog Clin Biol Res** 1984;168:319-24

Phosphate transport across brush border and basolateral membrane vesicles of small intestine. Danisi G, et al. **Prog Clin Biol Res** 1984;168:229-34

Characteristics of phosphate-binding proteolipid isolated from rat kidney brush border membrane. Debiec H, et al. **Prog Clin Biol Res** 1984;168:349-53

Possible mechanisms for the regulation of the Pi transport in brush border membrane vesicles. Malmström K, et al.

Prog Clin Biol Res 1984;168:331-6

Effect of calcium on the transport properties of intestinal brush border vesicles. Mandel KG, et al. **Prog Clin Biol Res** 1984;168:273-9

Taurine transport in brush border membrane vesicles isolated from hyper- and normotaurinuric mouse kidney. Jean T, et al. **Renal Physiol** 1984;7(6):349-56

[Kinetic studies of Na+ dependent phosphate transport in renal brush border membrane vesicles] Nagasawa M, et al. **Nippon Jinzo Gakkai Shi** 1985 Jan;27(1):71-8 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Positional dependence of enterocyte membrane potential in hamster and rabbit enterocytes. Cremaschi D, et al. **Comp Biochem Physiol [A]** 1984;78(4):661-6

Prevention of adhesion by indigenous bacteria to rabbit cecum epithelium by a barrier of microvesicles. Hill RH. **Infect Immun** 1985 Feb;47(2):540-3

Role of myosin in terminal web contraction in isolated intestinal epithelial brush borders. Keller TC 3d, et al. **J Cell Biol** 1985 May;100(5):1647-55

Partitioning of paracellular conductance along the ileal crypt-villus axis: a hypothesis based on structural analysis with detailed consideration of tight junction structure-function relationships. Marcial MA, et al. **J Membr Biol** 1984;80(1):59-70

The effect of fasting on the potential difference across the brush-border membrane of enterocytes in rat small intestine. Debnam ES, et al. **J Physiol (Lond)** 1984 Oct;355:449-56

Calcium-dependent regulation of cytoskeletal structure and contractility in the intestinal brush border. Mooseker MS. **Prog Clin Biol Res** 1984;168:179-86

RADIATION EFFECTS

[Effect of removal of serum from the culture medium and sublethal roentgen irradiation on microvilli and invaginations of the cell membrane of Ehrlich ascites tumor cells in monolayer cultures] Laudenbach G, et al. **Strahlentherapie** 1984 Sep;160(9):567-72 (Eng. Abstr.) **(Ger)**

ULTRASTRUCTURE

Variations in capillary permeability from apex and crypt in the villus of the ileo-jejunum. Hart TK, et al. **Cell Tissue Res** 1985;241(2):305-15

Effects of tunicamycin on thin-section and freeze-fracture images of microvilli of the duodenal epithelial cells of the mouse. Ishimura K, et al. **Cell Tissue Res** 1984;238(3):653-6

Accumulations of membrane-free clathrin-like lattices in the mosquito oocyte. Raikhel AS. **Eur J Cell Biol** 1984 Nov;35(2):279-83

Microvillar elongation following parthenogenetic activation of sea urchin eggs. Byrd W, et al. **Exp Cell Res** 1985 Jul;159(1):211-23

Isolation of microvillar microfilaments and associated transmembrane complex from ascites tumor cell microvilli. Carraway CA, et al. **Exp Cell Res** 1985 Mar;157(1):71-82

The microvillus in adult jejunal mucosa--an electron microscopic study. Sinclair TS, et al. **Histopathology** 1984 Sep;8(5):739-46

Herpes simplex virus-induced cell surface protrusions. Krempien U, et al. **Intervirology** 1984;22(3):156-63

Effect of valinomycin on membrane vesicle aggregation of porcine intestinal brush borders. Ohyashiki T, et al. **J Biochem (Tokyo)** 1984 Sep;96(3):665-70

Microvillus 110K-calmodulin: effects of nucleotides on isolated cytoskeletons and the interaction of the purified complex with F-actin. Verner K, et al. **J Cell Biol** 1985 May;100(5):1455-65

Structural and biochemical differentiation of the mammalian small intestine during foetal development. Bailey DS, et al. **J Cell Sci** 1984 Dec;72:195-212

Chemical dissection of stereovilli from fish inner ear reveals differences from intestinal microvilli. Neugebauer DC, et al. **J Neurocytol** 1984 Oct;13(5):797-808

Intestinal morphology, marker enzymes and lipid content of brush border membranes from rabbit jejunum and ileum: effect of aging. Keelan M, et al. **Mech Ageing Dev** 1985 Jun;31(1):49-68

Lumen formation and redistribution of inframembranous proteins during differentiation of ducts in the rat mammary gland. Dulbecco R, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5763-6

Changes in the distribution of filament-containing septate junctions as coelenterate myoepithelial cells change shape. Holley MC. **Tissue Cell** 1985;17(1):1-11

Origin of intracellular lumina in HT 29 colonic adenocarcinoma cell line. An ultrastructural study. Remy L, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):145-53

MICROWAVES

see related
DIATHERMY

mHz, not Hz (in the interest of science) [letter] **Am J Clin Pathol** 1985 Aug;84(2):257

A rapid method of staining ultrathin sections for surgical pathology TEM with the use of the microwave oven. Estrada JC, et al. **Am J Clin Pathol** 1985 May;83(5):639-41

Microwave technology for the rapid thawing of frozen blood components. Luff RD, et al. **Am J Clin Pathol** 1985 Jan;83(1):59-64

Microwave heating of intravenous fluids. Anshus JS, et al. **Am J Emerg Med** 1985 Jul;3(4):316-9

Microwave energy fixation for electron microscopy. Login GR, et al. **Am J Pathol** 1985 Aug;120(2):230-43

Oscillatory temperature response to constant power applied to canine muscle. Roemer RB, et al. **Am J Physiol** 1985 Aug;249(2 Pt 2):R153-8

Microwave ovens. A safe new method of warming crystalloids. Werwath DL, et al. **Am Surg** 1984 Dec;50(12):656-9

Microwave warming of resuscitation fluids. Leaman PL, et al. **Ann Emerg Med** 1985 Sep;14(9):876-9

Microwave aids in external rewarming of hypothermia patients [letter] Sturm JT, et al. **Ann Emerg Med** 1985 Mar;14(3):277

Specific absorption rate in rats exposed to 2,450-MHz microwaves under seven exposure conditions. Chou CK, et al. **Bioelectromagnetics** 1985;6(1):73-88

SAR in rats exposed in 2,450-MHz circularly polarized waveguides. Chou CK, et al. **Bioelectromagnetics** 1984;5(4):389-98

Microwave radiation absorption in the rat: frequency-dependent SAR distribution in body and tail. D'Andrea JA, et al. **Bioelectromagnetics** 1985;6(2):199-206

Effects of microwave exposure on the hamster immune system. IV. Spleen cell IgM hemolytic plaque formation. Rama Rao GV, et al. **Bioelectromagnetics** 1985;6(1):41-52

Blood-brain barrier permeation in the rat during exposure to low-power 1.7-GHz microwave radiation. Ward TR, et al. **Bioelectromagnetics** 1985;6(2):131-43

Microwave-field-driven acoustic modes in DNA. Edwards GS, et al. **Biophys J** 1985 Jun;47(6):799-807

Microwave ovens for heating fluid bags for continuous ambulatory peritoneal dialysis [letter] Hudson S, et al. **Br Med J [Clin Res]** 1985 Jun 29;290(6486):1989

Maintenance of regional chemical integrity for energy metabolites in microwave heat inactivated mouse brain. McCandless DW, et al. **Brain Res Bull** 1984 Aug;13(2):253-5

Effects of doxapram on body temperature of the rat during radiofrequency irradiation. Jauchem JR, et al. **Clin Exp Pharmacol Physiol** 1985 Jan-Feb;12(1):1-8

A feasibility study of microwave thermographic mapping for use during hyperthermia treatment. Conway J, et al. **Clin Phys Physiol Meas** 1984 Nov;5(4):285-94

Microwave coagulating scalpel for operations on the solid viscus organ. Toy FK, et al. **Curr Surg** 1985 Mar-Apr;42(2):131-2

In vitro studies of microwave-induced cataract: reciprocity between exposure duration and dose rate for pulsed microwaves. Stewart-DeHaan PJ, et al. **Exp Eye Res** 1985 Jan;40(1):1-13

Dielectric properties of insect tissues. Ondráček J, et al. **Gen Physiol Biophys** 1984 Jun;3(3):251-7

In utero exposure to low-level microwaves does not affect rat foetal development. Schmidt RE, et al. **Int J Radiat Biol** 1984 Oct;46(4):383-6

Obtaining local SAR and blood perfusion data from temperature measurements: steady state and transient techniques compared. Roemer RB, et al. **Int J Radiat Oncol Biol Phys** 1985 Aug;11(8):1539-50

Microwave sterilization. Rohrer MD, et al. **J Am Dent Assoc** 1985 Feb;110(2):194-8

Effects of microwave cooking/reheating on nutrients and food systems: a review of recent studies. Hoffman CJ, et al. **J Am Diet Assoc** 1985 Aug;85(8):922-6 (30 ref.)

Current and future foodservice applications of microwave cooking/reheating. Hoffman CJ, et al. **J Am Diet Assoc** 1985 Aug;85(8):929-33

Microwave ovens: effects on food quality and safety. Matthews ME. **J Am Diet Assoc** 1985 Aug;85(8):919-21 (18 ref.)

Effect of microwave energy on the metabolism of Enterobacteriaceae. Spencer RC, et al. **J Med Microbiol** 1985 Apr;19(2):269-72

Low-power 2.45-GHz microwave radiation affects neither the vacuolar potential nor the low frequency excess noise in single cells of characean algae. Gokhale AV, et al. **J Microwave Power** 1985;20(1):43-6

Storage and microwave reheating effects on lipid oxidation of roast beef. Hsieh JH, et al. **J Microwave Power** 1984 Sep;19(3):187-94

Postmortem changes in catecholamines, indoleamines, and their metabolites in rat brain regions: prevention with 10-kW microwave irradiation. Ikarashi Y, et al. **J Neurochem** 1985 Sep;45(3):935-9

Microwave irradiation as a form of fixation for light and electron microscopy. Leong AS, et al. **J Pathol** 1985 Aug;146(4):313-21

Microwave oven drying of artificial stone. Luebke RJ, et al. **J Prosthet Dent** 1985 Feb;53(2):261-5

Study of the use of the microwave magnetic field for the rapid inactivation of brain enzymes. Ikarashi Y, et al. **Jpn J Pharmacol** 1984 Aug;35(4):371-87

Rapid Ziehl-Neelsen staining by use of microwave oven [letter] Hafiz S, et al. **Lancet** 1984 Nov 3;2(8410):1046

The effect of repeated microwave irradiation on the frequency of sex-linked recessive lethal mutations in Drosophila melanogaster. Marec F, et al. **Mutat Res** 1985 Aug-Sep;157(2-3):163-7

Hyperthermia dough: a fat and bone equivalent phantom to test microwave/radiofrequency hyperthermia heating systems. Lagendijk JJ, et al. **Phys Med Biol** 1985 Jul;30(7):709-12

Aversion/attraction of blue jays to microwave irradiation. Wasserman FE, et al. **Physiol Behav** 1984 Nov;33(5):805-7

Microwave enhancement of membrane conductance: effects of EDTA, caffeine and tetracaine. Arber SL, et al. **Physiol Chem Phys Med NMR** 1984;16(6):469-75

A new method of SAR determination in animals exposed to microwave/radiofrequency radiation (MW/RFR). Heinmets F, et al. **Physiol Chem Phys Med NMR** 1984;16(1):57-70

Microwave and thermal interactions with oxidative hemolysis. Kiel JL, et al. **Physiol Chem Phys Med NMR** 1984;16(4):317-23

Heart rate changes due to 5.6-GHz radiofrequency radiation: relation to average power density. Jauchem JR, et al. **Proc Soc Exp Biol Med** 1984 Dec;177(3):383-7

Feasibility of microwave hyperthermia for brain tumor therapy. Salcman M. **Prog Exp Tumor Res** 1984;28:220-31

Extracellular calcium and microwave enhancement of membrane conductance in snail neurons. Arber SL, et al. **Radiat Environ Biophys** 1985;24(2):149-56

Microwave-stimulated drug release from liposomes. Liburdy RP, et al. **Radiat Res** 1985 Aug;103(2):266-75

Rapid warming of infusion solution. Yamada Y, et al. **Surg Gynecol Obstet** 1985 May;160(5):400-2

[A survey of the sources of contamination of Chinese paper money and the disinfective activity of microwaves] Zhang JP. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):237-41 (Eng. Abstr.) **(Chi)**

[The disinfective activity of microwaves on cafeteria meal coupons] Zhang JP. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1984 Aug;5(4):232-6 (Eng. Abstr.) **(Chi)**

[Preliminary observation on killing effect of microwave on human and murine cancerous or normal cells in vitro] Zhang JB, et al. **Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao** 1984 Feb;6(1):32-4 (Eng. Abstr.) **(Chi)**

[Biological effects of microwave radiation on cells and their role in treating cancer] Lu YY. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):62-7 **(Chi)**

[Preparation of herbaria and medicinal plants using a microwave oven] Allorge L, et al. **Ann Pharm Fr** 1984;42(4):313-5 (Eng. Abstr.) **(Fre)**

[Thermographic analysis of the brain temperature in rats following microwave irradiation] Ikarashi Y, et al. **Yakubutsu Seishin Kodo** 1984 Sep;4(2):195-200 (Eng. Abstr.) **(Jpn)**

[Spatial dynamics of bioelectrical brain processes during prolonged contact with physical factors] Suvorov NB, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):921-8 **(Rus)**

[Mechanism of microwave action on model membrane systems] Akoev IG, et al. **Izv Akad Nauk SSSR [Biol]** 1985 Jan-Feb;(1):41-52 (Eng. Abstr.) **(Rus)**

[Combined action of nonuniform microwave (2.4 GHz) and gamma irradiation on the hemato-encephalic barrier in the rat] Ushakov IB, et al. **Izv Akad Nauk SSSR [Biol]** 1984 Sep-Oct;(5):795-7 (Eng. Abstr.) **(Rus)**

[Effect of continuous low-intensity microwave irradiation on the behavior of albino rats] Rynskov VV. **Radiobiologiia** 1985 Jan-Feb;25(1):114-6 (Eng. Abstr.) **(Rus)**

[Indices of thrombocyte conductance and permeability in microwave fields in ischemic and hemorrhagic stroke patients] Grechko VE, et al. **Zh Nevropatol Psikhiatr** 1985;85(1):16-9 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

Hand exposure to microwaves [letter] Stein JM. **Ann Emerg Med** 1985 Mar;14(3):278-9

Biological effects of microwave radiation. Dordević Z, et al. **Arh Hig Rada Toksikol** 1983 Dec;34(4):295-9

The effect of microwave radiation on the eye lens in rats. Savić S, et al. **Arh Hig Rada Toksikol** 1983 Dec;34(4):301-4

Alterations in protein kinase activity following exposure of cultured human lymphocytes to modulated microwave fields. Byus CV, et al. **Bioelectromagnetics** 1984;5(3):341-51

Cerebrovascular permeability to 86Rb in the rat after exposure to pulsed microwaves. Goldman H, et al. **Bioelectromagnetics** 1984;5(3):323-30

Effects of 2.45-GHz microwaves on primate corneal endothelium. Kues HA, et al. **Bioelectromagnetics** 1985;6(2):177-88

In utero exposure to microwave radiation and rat brain development. Merritt JH, et al. **Bioelectromagnetics** 1984;5(3):315-22

Effects of microwave exposure on the hamster immune system. III. Macrophage resistance to vesicular stomatitis virus infection. Rao GR, et al. **Bioelectromagnetics** 1984;5(4):377-88

Effects of continuous-wave, pulsed, and sinusoidal-amplitude-modulated microwaves on brain energy metabolism. Sanders AP, et al. **Bioelectromagnetics** 1985;6(1):89-97

The differential effects of 200, 591, and 2,450 MHz radiation on rat brain energy metabolism. Sanders AP, et al. **Bioelectromagnetics** 1984;5(4):419-33

The effects of microwave radiation on avian dominance behavior. Wasserman FE, et al. **Bioelectromagnetics** 1984; 5(3):331-9

Assessment of the hazards of electromagnetic fields emitted by the equipment aboard towards humans (nervous and circulatory systems). Dolmierski R, et al. **Bull Inst Marit Trop Med Gdynia** 1983;34(1-2):11-21

Comment on 'microwave oven burns' by Henry Fleck, M.D. Opsepchuk JM. **Bull NY Acad Med** 1984 Oct;60(8):846-50

Evidence for microwave carcinogenesis in vitro. Balcer-Kubiczek EK, et al. **Carcinogenesis** 1985 Jun; 6(6):859-64

The effects of ionizing radiation, microwaves, and ultrasound on the developing embryo: clinical interpretations and applications of the data. Brent RL. **Curr Probl Pediatr** 1984 Sep;14(9):1-87 (362 ref.)

Ku and K-band irradiation of giant algal cells: the absence of detected bioeffects at 100 W/m2. Brunkard KM, et al. **IEEE Trans Biomed Eng** 1985 Aug;32(8):617-20

Transient microwave induced neurosensory reactions during superficial hyperthermia treatment. Scott RS, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):561-6

Lethality in mice and rats exposed to 2450 MHz circularly polarized microwaves as a function of exposure duration and environmental factors. Berman E, et al. **J Appl Toxicol** 1985 Feb;5(1):23-31

Effects of 2.45 GHz microwaves on meiotic chromosomes of male CBA/CAY mice. Manikowska-Czerska E, et al. **J Hered** 1985 Jan-Feb;76(1):71-3

Can microwave/radiofrequency radiation (RFR) burns be distinguished from conventional burns? Budd RA. **J Microwave Power** 1985;20(1):9-11

Effect of microwave irradiation (2450 MHz) on murine cytotoxic lymphocyte and natural killer (NK) cells. Deschaux P, et al. **J Microwave Power** 1984 Jun; 19(2):107-10

Data analysis reveals significant microwave-induced eye damage in humans. Frey AH. **J Microwave Power** 1985; 20(1):53-5

Safety of 9.3-GHz microwave radiant heating for possible caloric supplement and medical treatment. McAfee RD, et al. **J Microwave Power** 1985;20(1):13-6

Science and standards--another viewpoint. Merritt JH. **J Microwave Power** 1985;20(1):55-6

Science and standards. RF-hazards and standards: an historical perspective. Schwan HP. **J Microwave Power** 1984 Dec;19(4):225-31

Science and standards. The case of ANSI C95.1--1982. Steneck NH. **J Microwave Power** 1984 Sep;19(3):153-8

Microwave cataract in radio-linemen [letter] **Lancet** 1984 Sep 29;2(8405):760

Effect of 2450 MHz microwave radiation on hematopoiesis of pregnant mice. Galvin MJ, et al. **Radiat Res** 1984 Nov; 100(2):412-7

Serum-thyroxine levels in microwave-exposed rats. Lu ST, et al. **Radiat Res** 1985 Mar;101(3):413-23

Teratogenic, biochemical, and histological studies with mice prenatally exposed to 2.45-GHz microwave radiation. Nawrot PS, et al. **Radiat Res** 1985 Apr;102(1):35-45

Growth and development of mice offspring after irradiation in utero with 2,450-MHz microwaves. Berman E, et al. **Teratology** 1984 Dec;30(3):393-402

[Effect of microwaves on the blood-brain barrier] Shao BJ. **Sheng Li Ko Hsueh Chin Chan** 1984 Jul;15(3):218-21 **(Chi)**

[The safety of microwave ovens] Vindevogel G, et al. **Arch Belg** 1984;42(3-4):241-51 (Eng. Abstr.) **(Dut)**

[Co-teratogenic effect of microwave radiation] Marcickiewicz J, et al. **Ginekol Pol** 1984 Apr;55(4):233-42 (Eng. Abstr.) **(Pol)**

[Are microwaves a co-teratogen? Experimental model concept and its verification] Marcickiewicz J, et al. **Probl Med Wieku Rozwoj** 1984;13:168-75 (Eng. Abstr.) **(Pol)**

[Experimental model of hypoxia in hygienic studies] Rudnev MI. **Gig Sanit** 1984 Dec;(12):59-61 **(Rus)**

[Electromagnetic radiofrequency radiation (microwaves): principles and criteria of standardization, threshold dose levels] Davydov BI. **Kosm Biol Aviakosm Med** 1985 May-Jun;19(3):8-21 (47 ref.) (Eng. Abstr.) **(Rus)**

[Experimental study of the effects of acute uneven microwave irradiation] Zuev VG, et al. **Med Radiol (Mosk)** 1984 Dec;29(12):46-9 (Eng. Abstr.) **(Rus)**

[Action of a UHF field on GABA-ergic and acetylcholinergic systems in synaptic transmission] Akoev IG, et al. **Radiobiologiia** 1985 May-Jun;25(3):426-8 (Eng. Abstr.) **(Rus)**

[Effect of non-ionizing microwave radiation on the indicators of cellular immunity (review of the literature)] Rudakov IA, et al. **Vrach Delo** 1985 Apr;(4):96-9 **(Rus)**

DIAGNOSTIC USE

Active microwave tomographic imaging of isolated, perfused animal organs. Guerquin-Kern JL, et al. **Bioelectromagnetics** 1985;6(2):145-56

Evaluation of microwave irradiation technique to quantitate acetylcholine in the diaphragm. Modak AT, et al. **J Pharmacol Methods** 1985 Aug;14(1):75-8

[The present status and perspectives in the diagnosis of tumors using microwaves] Bouček J, et al. **Sb Lek** 1985 May;87(5):138-43 (Eng. Abstr.) **(Cze)**

THERAPEUTIC USE

Effects of local microwave hyperthermia and 5-fluorouracil in treatment of experimental liver cancer. Hugander A, et al. **Anticancer Res** 1985 May-Jun;5(3):281-5

Microwave tissue coagulation applied clinically in endoscopic surgery. Tabuse K, et al. **Endoscopy** 1985 Jul; 17(4):139-44

The effects of driving frequency and antenna length on power deposition within a microwave antenna array used for hyperthermia. Trembly BS. **IEEE Trans Biomed Eng** 1985 Feb;32(2):152-7

Microwave hyperthermia controlled by microwave radiometry: technical aspects and first clinical results. Chivé M, et al. **J Microwave Power** 1984 Dec;19(4):233-41

Computer simulation for local temperature control during microwave-induced hyperthermia. De Wagter C. **J Microwave Power** 1985;20(1):31-42

Design and optimization of multi-stepped waveguide applicators for medical applications. Rebollar JM, et al. **J Microwave Power** 1984 Dec;19(4):259-67

Localized deep microwave hyperthermia in the treatment of poor operative risk patients with benign prostatic hyperplasia. Yerushalmi A, et al. **J Urol** 1985 May; 133(5):873-6

Experimental studies of anti-tumor effect induced by microwave tumor coagulation. Noguchi H. **Nippon Geka Hokan** 1984 Mar 1;53(2):324-37

Microwave tissue coagulation for the treatment of advanced inoperable sarcoma. Shoji S, et al. **Nippon Geka Hokan** 1984 Nov 1;53(6):786-93

Computer controlled microwave system for clinical hyperthermia. Nilsson P, et al. **Phys Med Biol** 1985 Apr; 30(4):283-92

Intrarectal hyperthermia of circumferential rectal cancer. Report of 2 cases. Oshiumi Y, et al. **Radiat Med** 1984 Oct-Dec;2(4):265-9

Microwave surgery: hepatectomy using a microwave tissue coagulator. Tabuse K, et al. **World J Surg** 1985 Feb; 9(1):136-43

[Microwave radiation of the uterine cavity for the treatment of functional bleeding] Wu YT. **Chung Hua Fu Chan Ko Tsa Chih** 1984 Oct;19(4):215-7, 257 (Eng. Abstr.) **(Chi)**

[Combined therapy with microwave hyperthermia and adriamycin in MM2-bearing mice] Honda H, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2563-7 (Eng. Abstr.) **(Jpn)**

[Microwave surgery for splenic preservation: an experimental study] Kobayashi Y, et al. **Nippon Geka Hokan** 1985 Mar 1;54(2):91-9 (Eng. Abstr.) **(Jpn)**

[Experimental studies of the incidence of metastases following the microwave coagulation therapy for malignant tumor] Yamaue H, et al. **Nippon Geka Hokan** 1984 Sep 1;53(5):662-6 (Eng. Abstr.) **(Jpn)**

[A microwave applicator for intracavitary hyperthermia] Nohara H, et al. **Rinsho Hoshasen** 1984 Sep;29(9):1035-9 (Eng. Abstr.) **(Jpn)**

[Thermal field created by an irradiator with a slot capacitance studied on tissue-equivalent phantoms] Rudakov NP, et al. **Eksp Onkol** 1985;7(1):70-2 (Eng. Abstr.) **(Rus)**

MIDBRAIN see **MESENCEPHALON**

MIDBRAIN CENTRAL GRAY see **PERIAQUEDUCTAL GRAY**

MIDDLE AGE

Nutrition-related problems of middle age. Munro HN. **Proc Nutr Soc** 1984 Sep;43(3):281-8 (43 ref.)

PSYCHOLOGY

Sexual satisfaction among middle-aged couples: correlation with frequency of intercourse and health status. Walfisch S, et al. **Maturitas** 1984 Nov;6(3):285-96

Work patterns of midlife female nurses. Nolan JW. **Nurs Res** 1985 May-Jun;34(3):150-4

Myths about male midlife crises. Ciernia JR. **Psychol Rep** 1985 Jun;56(3):1003-7

MIDDLE EAR VENTILATION

Tympanic membrane changes after repeated insertions of ventilation tubes. Söderberg O. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:165-9

Use and abuse of ventilation tubes. Fernández-Blasini N. **Am J Otol** 1985 Mar;6(2):142-5

Treatment of chronic otitis media with effusion: results of tympanostomy tubes. Gates GA, et al. **Am J Otolaryngol** 1985 May-Jun;6(3):249-53

A caring approach to the pediatric myringotomy patient. Harrison C, et al. **AORN J** 1985 Apr;41(4):765-8

Ventilating tubes [letter] **Arch Otolaryngol** 1985 Jun; 111(6):416

Ventilating tubes in the middle ear. Long-term observations. Gundersen T, et al. **Arch Otolaryngol** 1984 Dec; 110(12):783-4

Sequelae of ventilation tubes following tonsillectomy. Svane-Knudsen V, et al. **Arch Otorhinolaryngol** 1985; 242(1):113-7

A layman's guide to grommets. East DM. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1596-8

Secretory otitis media: grommets and swimming [editorial] Marks NJ. **Clin Otolaryngol** 1985 Feb;10(1):1-2

Otitis media in the child. Eichenwald HE. **Hosp Pract [Off]** 1985 May 30;20(5A):51-5, 57, 60-1

Late results and complications of tympanostomy tube insertion for prophylaxis of recurrent purulent otitis media in pediatric age. Fior R, et al. **Int J Pediatr Otorhinolaryngol** 1984 Dec;8(2):139-46

Experimental background for the use of tympanostomy tubes. Söderberg O, et al. **Int J Pediatr Otorhinolaryngol** 1984 Oct;8(1):1-11

Velar closure and ear tubings as a primary procedure in the repair of cleft palates. Frable MA, et al. **Laryngoscope** 1985 Sep;95(9 Pt 1):1044-6

Swimming unprotected with long-shafted middle ear ventilation tubes. Lounsbury BF. **Laryngoscope** 1985 Mar; 95(3):340-3

Factors influencing tympanostomy tube function and extrusion: a study of 1,127 ears. Leopold DA, et al. **Otolaryngol Head Neck Surg** 1980 Jul-Aug;88(4):447-54

To tube or not to tube: that continues to be the question [letter] Chamberlin RW. **Pediatrics** 1985 Aug;76(2):332

[Use of transtympanic tubes in the treatment of conduction deafness in children] Sláma K. **Cesk Otolaryngol** 1984 Nov; 33(6):336-9 (Eng. Abstr.) **(Cze)**

[Long-term result of grommets in children with secretory otitis media] Somekawa Y, et al. **Nippon Jibiinkoka Gakkai Kaiho** 1985 Mar;88(3):261-6 (Eng. Abstr.) **(Jpn)**

[Therapy of exudative chronic otitis using ventilating tubes. Results and consequences] Lučić M. **Srp Arh Celok Lek** 1984 Apr;112(4):453-8 (Eng. Abstr.) **(Scc)**

ADVERSE EFFECTS

Consequences of ventilation tube treatment. Lildholdt T. **Acta Otolaryngol [Suppl] (Stockh)** 1984;414:170

A comparison of retention and complication rates of large-bore (Paparella II) and small-bore middle ear ventilating tubes. Klingensmith MR, et al. **Otolaryngol Head Neck Surg** 1985 Jun;93(3):322-30

Tympanic membrane changes secondary to tympanostomy tube insertion in chinchillas. Meyerhoff WL, et al. **Otolaryngol Head Neck Surg** 1984 Aug;92(4):454-60

EDUCATION

Artificial eardrum for instruction in myringotomy and PE tube insertion. Neal SL, et al. **Laryngoscope** 1985 Aug; 95(8):1008-9

HISTORY

Fashion, science and technical change: the history of the treatment of glue ear. Black NA. **Clin Otolaryngol** 1985 Feb;10(1):31-41

INSTRUMENTATION

Ventilation tubes: indications and complications. Luxford WM, et al. **Am J Otol** 1984 Oct;5(6):468-71 (8 ref.)

Long-term ventilation of the middle ear using the Goode T-tube. Rothera MP, et al. **J Laryngol Otol** 1985 Apr; 99(4):335-7

Factors affecting the extrusion rates of ventilation tubes. Mackenzie IJ. **J R Soc Med** 1984 Sep;77(9):751-3

Making pressure equalizing tubes. Lee KE, et al. **Laryngoscope** 1984 Nov;94(11 Pt 1):1515-6

[Stipula 62, a new drainage product manufactured in Czechoslovakia] Sláma K, et al. **Cesk Otolaryngol** 1985 Jul; 34(4):248-9 **(Cze)**

[Presentation and trial of a new medium-duration transtympanic ventilator] Klein M. **Ann Otolaryngol Chir Cervicofac** 1985;102(1):73-5 (Eng. Abstr.) **(Fre)**

METHODS

Tympanic membrane changes resulting from different methods of transmyringeal middle ear ventilation. Söderberg S, et al. **Am J Otolaryngol** 1985 May-Jun; 6(3):237-40

Eustachian tube bypass. Lapidot A, et al. **IMJ** 1984 Nov; 166(5):354-5

Heat myringotomy. Lau P, et al. **Laryngoscope** 1985 Jan; 95(1):38-42 (61 ref.)

MIDDLE LOBE SYNDROME

DIAGNOSIS

[Cough, hemoptysis, thoracic pain (clinical conference)] Krayenbühl J, et al. **Schweiz Rundsch Med Prax** 1985 Jul 2;74(27):735-8 (Eng. Abstr.) **(Ger)**

[Diagnosis and treatment of isolated lesions of the middle lobe] Avilova OM, et al. **Vrach Delo** 1985 Apr;(4):69-71 (Eng. Abstr.) **(Rus)**

ETIOLOGY

Aetiopathogenesis of middle lobe syndrome--review of 27 cases. Sharma K, et al. **J Assoc Physicians India** 1984 Jun; 32(6):481-3

[Unrecognized foreign body aspiration as the cause of middle lobe syndrome] Germann EJ, et al. **ROFO** 1984 Dec;

141(6):711-3 **(Ger)**

MIDGES, BITING see **CERATOPOGONIDAE**

MIDODRIN see under **ETHANOLAMINES**

MIDTRIMESTER see **PREGNANCY TRIMESTER, SECOND**

MIDWIFERY

Referrals by traditional birth attendants in northeast Brazil. Janowitz B, et al. **Am J Public Health** 1985 Jul;75(7):745-8

Development of a new statutory structure for nursing, midwifery and health visiting in the United Kingdom. Storey M. **J Adv Nurs** 1985 Jan;10(1):79-81

Indigenous childbirth practices: information gathering with the MACHIK interview, Part II. Jenkins C. **Papua New Guinea Med J** 1984 Jun;27(2):61-4

Obstacles to the practice of licensed lay midwifery. Sullivan DA, et al. **Soc Sci Med** 1984;19(11):1189-96

Lay midwives. Alt HA. **Tex Med** 1984 Nov;80(11):70-2

[Role of midwives in field epidemiology] Rumeau-Rouquette C, et al. **Arch Belg** 1984;42(1-2):66-77 **(Fre)**

[Responsibility and status of midwives. Round table] **J Gynecol Obstet Biol Reprod (Paris)** 1984;13(3):309-16 **(Fre)**

EDUCATION

Contemporary challenges in education for the caring professions: education for nursing, midwifery, and health visiting. McFarlane J. **Br Med J [Clin Res]** 1985 Jul 27; 291(6490):268-71

Creating colleges of nursing and midwifery in Scotland. Thompson B. **J Adv Nurs** 1985 Jan;10(1):85-7

Training of traditional birth attendants [letter] Hope R. **J Trop Pediatr** 1984 Aug;30(4):240

Training traditional birth attendants in rural Zaire. Galloway RK, et al. **Public Health Rev** 1984;12(3-4):311-5

Training programme for rural midwives in Mozambique. Murphy D, et al. **Trop Doct** 1985 Jul;15(3):146-7

[Method of testing the training of paramedical personnel] Khummetov O. **Sov Zdravookhr** 1984;(9):42-4 **(Rus)**

HISTORY

The immigrant midwives of Lawrence: the conflict between law and culture in early twentieth-century Massachusetts. Declercq E, et al. **Bull Hist Med** 1985 Summer;59(2):232-46

[Instructors of midwives at the Charité from 1751 to 1918 and their achievements in midwifery training in Prussia] Wolff HP, et al. **Z Arztl Fortbild (Jena)** 1984;78(21):925-6 **(Ger)**

STANDARDS

The wise women of Clamart. Chambers S. **J Okla State Med Assoc** 1985 Apr;78(4):106-7

MIGRAINE

Migraine v. transient cerebral ischemia. Proceedings from an international congress, Rome, Italy, 30 November-1 December, 1984. **Cephalalgia** 1985 May;5 Suppl 2:1-235

Headache 1985. Proceedings of the Second International Headache Congress. Copenhagen, June 18-21, 1985. Abstracts. **Cephalalgia** 1985 Jul;5 Suppl 3:1-571

Migraine. Spector RH. **Surv Ophthalmol** 1984 Nov-Dec; 29(3):193-207 (121 ref.)

BLOOD

Platelet alpha-adrenergic receptor activity and pizotifen in migrainous children. Bond PA, et al. **Cephalalgia** 1985 Mar; 5(1):25-9

Platelet aggregability, disaggregability and serotonin uptake in migraine. Kruglak L, et al. **Cephalalgia** 1984 Dec; 4(4):221-5

Concentration and uptake of 5-hydroxytryptamine in platelets from cluster headache and migraine patients. Waldenlind E, et al. **Cephalalgia** 1985 Mar;5(1):45-54

Endorphin levels in headache syndromes. Fettes I, et al. **Headache** 1985 Jan;25(1):37-9

Decreased thromboxane production in migraine patients during headache-free period. Keinänen-Kiukaanniemi S, et al. **Headache** 1984 Nov;24(6):339-41

The influence of plasma free fatty acids and cholesterol on the aggregation of blood platelets in migraine patients. Kozubski W, et al. **Headache** 1985 Jun;25(4):199-203

Common migraine attack: platelet modifications are mainly due to plasma factor(s). Launay JM, et al. **Headache** 1985 Jul;25(5):262-7

Platelet hyperactivity during acute migraine attack. Fitscha P, et al. **Vasa** 1984;13(3):224-7

[Common migraine. Changes in conjugated and unconjugated catecholamines] Pradalier A, et al. **Presse Med** 1985 Mar 9;14(10):583-5 (Eng. Abstr.) **(Fre)**

[Platelet aggregation in migraine and other headaches] Judkiewicz L, et al. **Neurol Neurochir Pol** 1984 Nov-Dec; 18(6):529-33 (Eng. Abstr.) **(Pol)**

CEREBROSPINAL FLUID

Transient neurological symptoms associated with mononuclear pleocytosis of the cerebrospinal fluid. Brattström L, et al. **Acta Neurol Scand** 1984 Aug; 70(2):104-10

Benign migraine-like syndrome with CSF pleocytosis in children. Rossi LN, et al. **Dev Med Child Neurol** 1985 Apr; 27(2):192-8

[Pseudomigraine with inflammatory cerebrospinal fluid: a benign syndrome] Martí Massó JF, et al. **Med Clin (Barc)** 1984 Nov 17;83(16):665-7 (Eng. Abstr.) **(Spa)**

CHEMICALLY INDUCED

Mechanism of tyramine-induced migraine: similarity with dopamine and interactions with disulfiram and propranolol in migraine patients. Ghose K, et al. **Neuropsychobiology** 1984;12(2-3):122-6

COMPLICATIONS

Migraine in aspirin-sensitive asthmatics. Grzelewska-Rzymowska I, et al. **Allergol Immunopathol (Madr)** 1985 Jan-Feb;13(1):13-6

Bilateral sequential migrainous ischemic optic neuropathy. Katz B. **Am J Ophthalmol** 1985 Apr 15;99(4):489

Hemiplegic migraine and progressive hemifacial atrophy [letter] Sagild JC, et al. **Ann Neurol** 1985 Jun;17(6):620.

Prevalence of migraine in patients with diabetes. Burn WK, et al. **Br Med J [Clin Res]** 1984 Dec 8;289(6458):1579-80

Prevalence of migraine in patients with diabetes [letter] Dandona P, et al. **Br Med J [Clin Res]** 1985 Feb 9; 290(6466):467-8

Increased prevalence of mitral valve prolapse in patients with migraine. Spence JD, et al. **Can Med Assoc J** 1984 Dec 15;131(12):1457-60

Migraine in patients with cluster headache. Andersson PG. **Cephalalgia** 1985 Mar;5(1):11-6

Focal cerebral ischemia and migraine. Prencipe M, et al. **Cephalalgia** 1985 May;5 Suppl 2:21-2

Classic migraine attack complicated by confusional state: EEG and CT study. Tinuper P, et al. **Cephalalgia** 1985 Jun;5(2):63-8

Abdominal migraine and food sensitivity in children. Bentley D, et al. **Clin Allergy** 1984 Sep;14(5):499-500

Fatal migraine. Selby G, et al. **Clin Exp Neurol** 1984;20:85-92

Migraine and benign epilepsy with Rolandic spikes in childhood: a case-control study. Santucci M, et al. **Dev Med Child Neurol** 1985 Feb;27(1):60-2

Migraine and complex seizures in children. Seshia SS, et al. **Epilepsia** 1985 May-Jun;26(3):232-6

Classic migraine--clinical findings in 164 patients. Manzoni GC, et al. **Eur Neurol** 1985;24(3):163-9

Migraine and mitral valve prolapse [letter] Guidotti M, et al. **Headache** 1985 Jun;25(4):223-4

Raynaud's phenomenon complicated by recurrent brain infarction. Levy A, et al. **Headache** 1984 Sep;24(5):256-8

Bilateral cervical carotid and intracranial vasospasm causing cerebral ischemia in a migrainous patient: a case of 'diplegic migraine'. Lieberman AN, et al. **Headache** 1984 Sep; 24(5):245-8

Delayed onset dystonia following hemiplegic migraine. Obeso JA, et al. **Headache** 1984 Sep;24(5):266-8

Migraine-cluster headache syndrome. Solomon S, et al. **Headache** 1985 Jul;25(5):236-9

Migraine and low-tension glaucoma. A case-control study. Phelps CD, et al. **Invest Ophthalmol Vis Sci** 1985 Aug; 26(8):1105-8

Ophthalmoplegic migraine. Bailey TD, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):225-8

Ophthalmoplegic migraine with proximal posterior cerebral artery vascular anomaly. Imes RK, et al. **J Clin Neuro Ophthalmol** 1984 Dec;4(4):221-3

Effects of food on behavior [letter] Kushner M. **JAMA** 1984 Dec 28;252(24):3365-6

Migraine and intracranial swelling: an experiment of nature [letter] Blau JN, et al. **Lancet** 1985 Sep 28;2(8457):718

Neuro-ophthalmic complications of migraine and cluster headaches. Corbett JJ. **Neurol Clin** 1983 Nov;1(4):973-95 (101 ref.)

Retinal artery occlusion in migraine. Gray JA, et al. **Postgrad Med J** 1985 Jun;61(716):517-8

Mandibular dysfunction in patients with migraine. Forssell H, et al. **Proc Finn Dent Soc** 1984;80(5-6):217-22

[Transient global amnesia: study of 26 cases] Zukerman E, et al. **Arq Neuropsiquiatr** 1985 Mar;43(1):39-47 (Eng. Abstr.) **(Por)**

DIAGNOSIS

Scintillating scotoma as the first symptom of systemic lupus erythematosus. Honda Y. **Am J Ophthalmol** 1985 May 15; 99(5):607

Is there a difference between classic and common migraine? What is migraine, after all? Dalessio DJ. **Arch Neurol** 1985 Mar;42(3):275-6

Common and classic migraine. One or two entities? Hachinski V. **Arch Neurol** 1985 Mar;42(3):277

Steroid-responsive ophthalmoplegia in a child. Diagnostic considerations. Kandt RS, et al. **Arch Neurol** 1985 Jun; 42(6):589-91

The headache symptom. How many entities? Ziegler DK. **Arch Neurol** 1985 Mar;42(3):273-4

Electroencephalograms in basilar artery migraine. Parain D, et al. **Electroencephalogr Clin Neurophysiol** 1984 Nov; 58(5):392-9

Migraine and muscle contraction headaches: a continuum. Featherstone HJ. **Headache** 1985 Jun;25(4):194-8

A distinctive facial thermographic pattern in cluster headache--the 'chai' sign. Kudrow L. **Headache** 1985 Jan; 25(1):33-6

Plasma methionine enkephalin levels. A biological marker for migraine? Mosnaim AD, et al. **Headache** 1985 Jul; 25(5):259-61

Are classical and common migraine different entities? Wilkinson M, et al. **Headache** 1985 Jun;25(4):211-3

The lights that failed to signal the diagnosis. Lombard CM. **Hosp Pract [Off]** 1985 Jun 15;20(6):151-2

Migraine in children. Fenichel GM. **Neurol Clin** 1985 Feb; 3(1):77-94 (94 ref.)

Migrainous ischemic optic neuropathy. Katz B, et al. **Neurology** 1985 Jan;35(1):112-4

[Mental confusion in childhood migraine] Giroud M, et al. **Arch Fr Pediatr** 1984 Nov;41(9):633-6 (Eng. Abstr.) **(Fre)**

[Migraine] Henry P. **Rev Laryngol Otol Rhinol (Bord)** 1985; 106(1):3-7 (Eng. Abstr.) **(Fre)**

[Severe migraine accompagnée with computer tomographic findings] Möller A, et al. **Fortschr Neurol Psychiatr** 1984 Oct;52(10):358-61 (Eng. Abstr.) **(Ger)**

[Chronic paroxysmal hemicrania. A review based on personal cases] Pfaffenrath V, et al. **Nervenarzt** 1984 Aug; 55(8):402-6 (Eng. Abstr.) **(Ger)**

[Basilar migraine] Walser H, et al. **Schweiz Med Wochenschr** 1984 Sep 1;114(35):1180-5 (Eng. Abstr.) **(Ger)**

[Newly described form of idiopathic headache--so-called chronic paroxysmal hemicrania (Sjaastad syndrome)] Bogucki A, et al. **Neurol Neurochir Pol** 1984 Jul-Aug; 18(4):373-7 (Eng. Abstr.) **(Pol)**

[Abdominal migraine in adults] Prusiński A. **Wiad Lek** 1984 Nov 1;37(21):1718-21 (Eng. Abstr.) **(Pol)**

[Concerning the article by Iu. N. Aver'ianov, A. F. Fordienko and Ch. N. Krotov, 'Indomethacin-sensitive variant of migraine neuralgia' (letter)] Syastad O. **Zh Nevropatol Psikhiatr** 1984;84(11):1731 **(Rus)**

[Clinical characteristics of migraine in childhood] Cupić V, et al. **Lijec Vjesn** 1984 Oct;106(10):406-10 (Eng. Abstr.) **(Scr)**

[Migraine in childhood] Palencia R. **An Esp Pediatr** 1985 Mar 31;22(4):317-22 (11 ref.) **(Spa)**

DRUG THERAPY

Calcium-channel blockers in the treatment of migraine. Gelmers HJ. **Am J Cardiol** 1985 Jan 25;55(3):139B-143B (36 ref.)

Propranolol plasma levels and relief of migraine. Relationship between plasma propranolol and 4-hydroxypropranolol concentrations and clinical effects. Cortelli P, et al. **Arch Neurol** 1985 Jan;42(1):46-8

Autonomic dysreflexia due to medication: misadventure in the use of an isometheptene combination to treat migraine. Wineinger MA, et al. **Arch Phys Med Rehabil** 1985 Sep; 66(9):645-6

Flunarizine in common migraine: Italian cooperative trial. II. Long-term follow-up. Bono G, et al. **Cephalalgia** 1985 May;5 Suppl 2:155-8

Brainstem auditory evoked potentials in migraine patients in basal conditions and after chronic flunarizine treatment. Bussone G, et al. **Cephalalgia** 1985 May;5 Suppl 2:177-80

Efficacy and tolerability of flunarizine in the prophylaxis of migraine. Centonze V, et al. **Cephalalgia** 1985 May;5 Suppl 2:165-8

Hormonal and metabolic changes induced by flunarizine therapy: preliminary results. Cortelli P, et al. **Cephalalgia** 1985 May;5 Suppl 2:185-6

Neuroendocrine effects of flunarizine treatment in postmenopausal women. Facchinetti F, et al. **Cephalalgia** 1985 May;5 Suppl 2:187-8

Telethermographic investigations in migraine patients before and after flunarizine treatment. Giacovazzo M, et al. **Cephalalgia** 1985 May;5 Suppl 2:169-71

Naproxen sodium in the treatment of migraine. Johnson ES, et al. **Cephalalgia** 1985 Mar;5(1):5-10

Effects on migraine headache of MDL 72,222, an antagonist at neuronal 5-HT receptors. Double-blind, placebo-controlled study. Loisy C, et al. **Cephalalgia** 1985 Jun;5(2):79-82

Flunarizine in common migraine: Italian cooperative trial. I. Short-term results and responders' definition. Manzoni GC, et al. **Cephalalgia** 1985 May;5 Suppl 2:149-53

Antidepressant drugs and migraine. Martucci N, et al. **Cephalalgia** 1985 May;5 Suppl 2:225-8

Flunarizine in the prevention of classical migraine: a placebo-controlled evaluation. Mentenopoulos G, et al. **Cephalalgia** 1985 May;5 Suppl 2:135-40

Treatment of acute migraine attack: naproxen and placebo compared. Nestvold K, et al. **Cephalalgia** 1985 Jun; 5(2):115-9

Influence of flunarizine on the altered electronystagmographic (ENG) recordings in migraine. Pini LA, et al. **Cephalalgia** 1985 May;5 Suppl 2:173-5

Acute migraine attack therapy: comparison of naproxen sodium and an ergotamine tartrate compound. Pradalier A, et al. **Cephalalgia** 1985 Jun;5(2):107-13

'Hemicrania continua'. An indomethacin responsive headache. II. Autonomic function studies. Sjaastad O, et al. **Cephalalgia** 1984 Dec;4(4):265-73

Flunarizine v. placebo in childhood migraine. A double-blind study. Sorge F, et al. **Cephalalgia** 1985 May;5 Suppl 2:145-8

Tolfenamic acid, metoclopramide, caffeine and their combinations in the treatment of migraine attacks. Tokola RA, et al. **Cephalalgia** 1984 Dec;4(4):253-63

Pharmacologic management of migraine--1985. Kunkel RS. **Cleve Clin Q** 1985 Spring;52(1):95-101

Clinical trial of flupirtine maleate in patients with migraine. Million R, et al. **Curr Med Res Opin** 1984;9(3):204-12

Effectiveness of methysergide in relation to clinical features of migraine. Drummond PD. **Headache** 1985 May; 25(3):145-6

Migraine and the noradrenergic control of vasomotricity: a study with alpha-2 stimulant and alpha-2 blocker drugs. Martucci N, et al. **Headache** 1985 Mar;25(2):95-100

Propranolol plasma binding and serum lipids during chronic therapy in migraine patients. Albani F, et al. **Int J Clin Pharmacol Ther Toxicol** 1985 May;23(5):267-9

Flufenamic acid in prostaglandin migraine. Carasso RL, et al. **Int J Neurosci** 1985 Jul;27(1-2):67-71

Drug management of adult vascular headaches (migraine and cluster headache): Part I--Treatment of the acute attack. Damasio H. **Iowa Med** 1984 Nov;74(11):490-2

Chronic paroxysmal hemicrania [letter] Dutta AK. **J Assoc Physicians India** 1984 Jun;32(6):537

A review of the treatment of migraine. Nightingale S. **J Clin Hosp Pharm** 1984 Dec;9(4):271-82 (75 ref.)

Drugs for alternating hemiplegic migraine [letter] **Lancet** 1984 Oct 27;2(8409):980

Drugs for migraine. **Med Lett Drugs Ther** 1984 Oct 26; 26(673):95-6

Migraine responsive to danazol [letter] Vincent FM. **Neurology** 1985 Apr;35(4):618

Basal plasma HGH and cortisol levels and the effect of clonidine administration in female migrainous patients. Weizman A, et al. **Neuropsychobiology** 1984;12(2-3):106-11

Isopyrin-phenylbutazone for intractable migraine [letter] **S Afr Med J** 1985 Jan 19;67(3):78-9

[Value of oral primperan in the treatment of migraine] Girard D. **Ann Gastroenterol Hepatol (Paris)** 1985 May 28;21(2 Pt 2):35-6 (Eng. Abstr.) **(Fre)**

[A new therapeutic approach to menstrual migraine] Rozenbaum H. **Rev Fr Gynecol Obstet** 1984 Jul-Sep; 79(7-9):581-3 **(Fre)**

[Beta receptor blockers in migraine] Soyka D. **Dtsch Med Wochenschr** 1985 Feb 1;110(5):185-6 **(Ger)**

[Progress in pain therapy exemplified by migraine. What does withdrawal treatment produce? Possibilities of prevention] Wörz R. **Fortschr Med** 1985 Jan 10;103(1-2):13-4 **(Ger)**

[Migraine and beta blocker. An overview] Pfaffenrath V, et al. **Fortschr Neurol Psychiatr** 1985 Jan;53(1):13-21 (Eng. Abstr.) **(Ger)**

[Ergotamine-induced disorders of the peripheral blood circulation--a case report] Creutzig A, et al. **Rontgenblatter** 1985 Jun;38(6):193-5 (Eng. Abstr.) **(Ger)**

[A new approach in the treatment of vascular headaches] D'Attoma G, et al. **Minerva Med** 1985 May 19; 76(21):1019-21 (Eng. Abstr.) **(Ita)**

[Double-blind clinical study: flunarizine versus pizotifen in a single nightly dose in hemicrania patients] Cerbo R, et al. **Riv Neurol** 1985 Mar-Apr;55(2):139-46 (Eng. Abstr.) **(Ita)**

[Pathophysiological basis of anti-aggregation treatment in migraine] Kozubski W. **Pol Tyg Lek** 1985 Jan 7;40(1):13-5 (Eng. Abstr.) **(Pol)**

[Further observations on the use of Suloctidil (Sulocton) in the treatment of migraine] Prusiński A, et al. **Wiad Lek** 1984 Dec 1;37(23):1857-9 (Eng. Abstr.) **(Pol)**

[Use of nicergoline (Sermion) in the treatment of migraine] Prusiński A, et al. **Wiad Lek** 1984 Mar 15;37(6):420-2 (Eng. Abstr.) **(Pol)**

ENZYMOLOGY

Serum dopamine beta-hydroxylase activity in menstrual migraine. Magos A, et al. **J Neurol Neurosurg Psychiatry** 1985 Apr;48(4):328-31

ETIOLOGY

Migraine: a diagnostic test for etiology of food sensitivity by a nutritionally supported fast and confirmed by long-term report. Hughes EC, et al. **Ann Allergy** 1985 Jul; 55(1):28-32

Food allergy and adult migraine: double-blind and mediator confirmation of an allergic etiology. Mansfield LE, et al. **Ann Allergy** 1985 Aug;55(2):126-9

Migraine and cerebral hypoxia: a hypothesis with pharmacotherapeutic implications. Amery WK. **Cephalalgia** 1985 May;5 Suppl 2:131-3

Analysis of outcome predictors of migraine towards chronicity. Baldrati A, et al. **Cephalalgia** 1985 May;5 Suppl 2:195-9

Intracranial arteriovenous malformation and migraine. Bruyn GW. **Cephalalgia** 1984 Sep;4(3):191-207

The prevalence of diet-induced migraine. Peatfield RC, et al. **Cephalalgia** 1984 Sep;4(3):179-83

The effects of flunarizine in experimental models related to the pathogenesis of migraine. Wauquier A, et al. **Cephalalgia** 1985 May;5 Suppl 2:119-23

Dietary factors in migraine precipitation: the physicians' view. Blau JN, et al. **Headache** 1985 Jun;25(4):184-7

Migraine due to hydrocephalus. Donaldson IM. **Headache** 1984 Sep;24(5):272-3

Food allergy and migraine [letter] **Lancet** 1984 Oct 20; 2(8408):926

Migraine is a food-allergic disease. Monro J, et al. **Lancet** 1984 Sep 29;2(8405):719-21

Pre-eclampsia and post-partum migraine [letter] Stein G. **Lancet** 1984 Oct 13;2(8407):871

Intracranial space-occupying lesions in patients attending a migraine clinic. Joseph R, et al. **Practitioner** 1985 May; 229(1403):477-81

[Cortical edema in hemoplegic migraine] Olsen A, et al. **Ugeskr Laeger** 1984 Jun 18;146(25):1861-3 (Eng. Abstr.) **(Dan)**

[Is chronic paroxysmal hemicrania due to a chronic inflammatory syndrome? (letter)] Boulliat J. **Presse Med** 1984 Nov 10;13(40):2453-4 **(Fre)**

[Accompanying migraine disclosing meningioma (letter)] Muller JP, et al. **Presse Med** 1984 Sep 15;13(31):1902-3 **(Fre)**

[Vasospastic syndrome in a young women with migraine, Raynaud's disease, cerebral ischemia and myocardial infarction] Lüthi R, et al. **Schweiz Med Wochenschr** 1984 Oct 20;114(42):1465-9 (Eng. Abstr.) **(Ger)**

[Role of blood platelets in the pathogenesis of migraine] Kozubski W. **Postepy Hig Med Dosw** 1984 Jul-Aug; 38(4):499-512 (64 ref.) (Eng. Abstr.) **(Pol)**

[Role of histamine in the pathogenesis of migraine] Selmaj K. **Postepy Hig Med Dosw** 1985 Jan-Feb;39(1):12-22 (53 ref.) (Eng. Abstr.) **(Pol)**

[Etiopathogenesis and treatment of migraine] Kanios K. **Wiad Lek** 1984 Oct 1;37(19):1544-8 (44 ref.) (Eng. Abstr.) **(Pol)**

[Migraine and allergy] Selmaj K. **Wiad Lek** 1984 Nov 1; 37(21):1689-93 (35 ref.) (Eng. Abstr.) **(Pol)**

FAMILIAL & GENETIC

Petit mal-absences of childhood onset: familial prevalences of migraine and seizures. Baier WK, et al. **Neuropediatrics** 1985 May;16(2):80-3

Genetics of migraine and migraine accompagneé: a study of eighty-one children and their families. Baier WK. **Neuropediatrics** 1985 May;16(2):84-91

Homogeneous clinical subgroups in children with Tourette syndrome. Barabas G, et al. **Pediatrics** 1985 Jan;75(1):73-5

METABOLISM

Effect of migraine attacks on paracetamol absorption. Tokola RA, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):867-71

Estrogen changes as a critical factor in modulation of central opioid tonus: possible correlations with post-menopausal migraine. Genazzani AR, et al. **Cephalalgia** 1985 May;5 Suppl 2:212-4

Biochemical effects of cerebral ischemia: relevance to migraine. Welch KM, et al. **Cephalalgia** 1985 May;5 Suppl 2:35-42

PHYSIOPATHOLOGY

Episodic unilateral mydriasis and migraine [letter] Sarkies NJ, et al. **Am J Ophthalmol** 1985 Feb 15;99(2):217-8

Experiments on spreading depression in relation to migraine and neurosurgery. Gardner-Medwin AR, et al. **An Acad Bras Cienc** 1984 Dec;56(4):423-30

The pathophysiology of migraine. Lance JW. **Ann Acad Med Singapore** 1985 Jan;14(1):4-11

New and old thoughts on migraine [editorial] Blau JN. **Br Med J [Clin Res]** 1985 Jul 20;291(6489):160

Neuro-otological manifestations of migraine. Kayan A, et al. **Brain** 1984 Dec;107 (Pt 4):1123-42

Visual evoked potentials and brainstem auditory evoked potentials in migraine and transient ischemic attacks. Benna P, et al. **Cephalalgia** 1985 May;5 Suppl 2:53-8

Correlation between migraine and circulating platelet aggregates. Buttinelli C, et al. **Cephalalgia** 1985 May;5 Suppl 2:87-8

Platelet function in childhood migraine. Carrieri P, et al. **Cephalalgia** 1985 May;5 Suppl 2:99-101

Drugs and platelet activation in migraine and transient ischemic attacks. D'Andrea G, et al. **Cephalalgia** 1985 May; 5 Suppl 2:103-8

Facial temperature in migraine, tension-vascular and tension headache. Drummond PD, et al. **Cephalalgia** 1984 Sep; 4(3):149-58

Pupillary and vascular effects of calcium antagonists in migraine. Fanciullacci M, et al. **Cephalalgia** 1985 May;5 Suppl 2:181-3

On the possible relation of spreading cortical depression to classical migraine. Lauritzen M. **Cephalalgia** 1985 May;5 Suppl 2:47-51

Evidence of enhanced platelet aggregation and platelet sensitivity in migraine patients. Lechner H, et al. **Cephalalgia** 1985 May;5 Suppl 2:89-91

Functional bases for a central serotonergic involvement in classic migraine: a speculative view. MacKenzie ET, et al. **Cephalalgia** 1985 Jun;5(2):69-78 (60 ref.)

rCBF after TIA and during migraine attacks. Olesen J, et al. **Cephalalgia** 1985 May;5 Suppl 2:43-6

Relevance of prostaglandins in migraine. Parantainen J, et al. **Cephalalgia** 1985 May;5 Suppl 2:93-7

The role of platelets in migraine. Rose FC. **Cephalalgia** 1985 May;5 Suppl 2:83-5

Symptomatologic interdependence or interindependence as a key alternative in migraine and cluster headache mechanisms. Sicuteri F. **Cephalalgia** 1985 May;5 Suppl 2:233-5 (15 ref.)

The role of estrogen in migraine: a review and hypothesis. Welch KM, et al. **Cephalalgia** 1984 Dec;4(4):227-36

Migraine headache: epidemiologic perspectives. Linet MS, et al. **Epidemiol Rev** 1984;6:107-39 (242 ref.)

Stress, mathematics and migraine [letter] Drummond P. **Headache** 1985 Jul;25(5):280-2

Somatosensory evoked potentials in migraine and tension headache [letter] Montagna P, et al. **Headache** 1985 Mar; 25(2):115

Autonomic nervous system dysfunction in common migraine. Rubin LS, et al. **Headache** 1985 Jan;25(1):40-8

Neuroendocrinological study of opioid and serotoninergic systems in migraine patients. Bussone G, et al. **Ital J Neurol Sci** 1984 Dec;5(4):413-6

Olfactory aura in migraine [letter] Diamond S, et al. **N Engl J Med** 1985 May 23;312(21):1390-1

Correlation of the frequency and intensity of headache to mandibular dysfunction in headache patients. Forssell H, et al. **Proc Finn Dent Soc** 1984;80(5-6):223-6

[Vascular reactivity in the area of both carotids in children and adolescents with headaches of a migraine character] Figar S, et al. **Cesk Pediatr** 1985 Mar;40(3):137-40 (Eng. Abstr.) **(Cze)**

[Chronic paroxysmal hemicrania as a postpartum headache syndrome (letter)] Möller A, et al. **Geburtshilfe Frauenheilkd** 1985 Jul;45(7):497 **(Ger)**

[Dopaminergic disequilibria in hemicrania] Boccuni M, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):135-53 (51 ref.) (Eng. Abstr.) **(Ita)**

[Lateralization phenomena and headache] Nattero G, et al. **Minerva Med** 1984 Sep 8;75(34):1929-32 (Eng. Abstr.) **(Ita)**

PREVENTION & CONTROL

Metoprolol and propranolol in migraine prophylaxis: a double-blind multicentre study. Olsson JE, et al. **Acta Neurol Scand** 1984 Sep;70(3):160-8

Comparative study of nadolol and propranolol in prophylactic treatment of migraine. Ryan RE Sr. **Am Heart J** 1984 Oct;108(4 Pt 2):1156-9

Calcium channel blockers in the prophylactic treatment of vascular headache. Meyer JS. **Ann Intern Med** 1985 Mar; 102(3):395-7

Serum concentrations of propranolol and migraine prophylaxis. Gengo FM, et al. **Arch Neurol** 1984 Dec; 41(12):1306-7

Naproxen in prophylaxis of migraine. Ziegler DK, et al. **Arch Neurol** 1985 Jun;42(6):582-4

Efficacy of nimodipine in the prophylaxis of migraine. Havanka-Kanniainen H, et al. **Cephalalgia** 1985 Mar; 5(1):39-43

Flunarizine in the prevention of classical migraine: a placebo-controlled evaluation. Mendenopoulos G, et al. **Cephalalgia** 1985 Mar;5(1):31-7

Metoprolol and pizotifen in the prophylactic treatment of classical and common migraine. A double-blind investigation. Vilming S, et al. **Cephalalgia** 1985 Mar; 5(1):17-23

Pizotifen once daily in the prophylaxis of migraine: results of a multi-centre general practice study. Crowder D, et al. **Curr Med Res Opin** 1984;9(4):280-5

Propanolol ('Inderal') in the treatment of childhood migraine. Forsythe WI, et al. **Dev Med Child Neurol** 1984 Dec; 26(6):737-41

Flunarizine, a calcium entry blocker in migraine prophylaxis. Amery WK, et al. **Headache** 1985 Jul;25(5):249-54

Thromboxane synthetase inhibition: potential therapy in migraine. Joseph R, et al. **Headache** 1985 Jun;25(4):204-7

Clomipramine and metoprolol in migraine prophylaxis--a double-blind crossover study. Langohr HD, et al. **Headache** 1985 Mar;25(2):107-13

Lisuride as a migraine prophylactic in children: an open clinical trial. Del Bene E, et al. **Int J Clin Pharmacol Res** 1983;3(2):137-41

Flunarizine: a wide spectrum prophylactic for migraine headache. Micieli G, et al. **Int J Clin Pharmacol Res** 1984; 4(3):239-45

Drug management of adult vascular headaches (migraine and cluster headache): Part II--Prevention and attacks. Damasio H. **Iowa Med** 1984 Dec;74(12):536, 538-9 (11 ref.)

Nadolol and placebo comparison study in the prophylactic treatment of migraine. Freitag FG, et al. **J Am Osteopath Assoc** 1984 Dec;84(4):343-7

Beta-blockers and migraine [editorial] Dalessio DJ. **JAMA** 1984 Nov 9;252(18):2614

Migraine prevention with timolol. A double-blind crossover study. Stellar S, et al. **JAMA** 1984 Nov 9;252(18):2576-80

Successful migraine prophylaxis with naproxen sodium. Welch KM, et al. **Neurology** 1985 Sep;35(9):1304-10

Salicylate prophylaxis in migraine. Smith M, et al. **Schweiz Arch Neurol Neurochir Psychiatr** 1984; 135(2):273-5

[Use of various benzamides (sulpiride, tiapride) in the preventive treatment of migraine] Prusiński A, et al. **Wiad Lek** 1984 Oct 1;37(19):1506-10 (Eng. Abstr.) **(Pol)**

[Nadolol in the preventive treatment of migraine] Szczudlik A. **Wiad Lek** 1984 Jul 15;37(14):1087-92 (Eng. Abstr.) **(Pol)**

PSYCHOLOGY

Oral behavioral patterns in facial pain, headache and non-headache populations. Moss RA, et al. **Behav Res Ther** 1984;22(6):683-7

Chronic pain: an experimental analysis of the effects of exposure. Philips HC, et al. **Behav Res Ther** 1985; 23(3):281-90

Personality factors in classical migraine and tension headache. Blaszczynski AP. **Headache** 1984 Sep;24(5):238-44

Findings on a relationship between type A behavior and headaches. Woods PJ, et al. **J Behav Med** 1984 Sep; 7(3):277-86

Moods that predict coming migraine headaches. Harrigan JA, et al. **Pain** 1984 Dec;20(4):385-96

The effects of persistent pain: the chronic headache sufferer. Philips HC, et al. **Pain** 1985 Feb;21(2):163-76

A cognitive-behavioral study of self-reported stress factors in migraine headache. Stout MA. **Psychopathology** 1984; 17(5-6):290-6

Cerebral hemisphere function and laterality of migraine. Crisp AH, et al. **Psychother Psychosom** 1985;43(1):49-55

[Analysis of migraine with general psychologic stress concepts. Time series analyses for a single case] Schmitz B, et al. **Arch Psychol (Frankf)** 1984;136(3):211-34 (Eng. Abstr.) **(Ger)**

[Emotional stress and migraine; an exploratory empirical study] Knapp TW. **Psychother Psychosom Med Psychol** 1984 Aug;34(8):198-204 (Eng. Abstr.) **(Ger)**

[Psychophysiologic correlates of chronic headache] Kröner B. **Z Exp Angew Psychol** 1984;31(4):610-39 (Eng. Abstr.) **(Ger)**

[Migraine reflected in contributions to psychodynamic research. A review of the literature] Haas JP. **Z Psychosom Med Psychoanal** 1985;31(1):14-24 (Eng. Abstr.) **(Ger)**

[Headache and perception] Plassmann R. **Z Psychosom Med Psychoanal** 1985;31(1):1-13 (Eng. Abstr.) **(Ger)**

RADIOGRAPHY

Complicated migraine and cerebral angiography: a report of an unusual adverse reaction. Kwentus J, et al. **Headache** 1985 Jul;25(5):240-5

[Basilar migraine with alexia but not agraphia: arterial spasm on arteriography and the effect of naloxone] Laurent B, et al. **Rev Neurol (Paris)** 1984;140(11):663-5 (Eng. Abstr.) **(Fre)**

[Cerebral angiography in complicated migraine—reactions, incidents] Holzner F, et al. **Klin Wochenschr** 1985 Feb 4; 63(3):116-22 (Eng. Abstr.) **(Ger)**

SURGERY

Pathogenesis and surgical therapy of migraine attacks caused by weather (Foehn) and menstruation. Novak VJ. **Rhinology** 1984 Sep;22(3):165-70

THERAPY

Brief psychological training procedures in migraine treatment. Friedman H, et al. **Am J Clin Hypn** 1984 Jan; 26(3):187-200

Treatment of headache in primary care practice. Silberstein SD. **Am J Med** 1984 Sep 10;77(3A):65-72

An experimental investigation of some assumptions underpinning psychological treatments of migraine. Morley S. **Behav Res Ther** 1985;23(1):65-74

Continuous versus interrupted schedules of thermal biofeedback: an exploratory analysis with clinical subjects. Andrasik F, et al. **Biofeedback Self Regul** 1984 Sep; 9(3):291-8

The resurrection of a magical reality: treatment of functional migraine in a child. O'Connor JJ. **Fam Process** 1984 Dec; 23(4):501-9

The efficacy and cost-effectiveness of minimal-therapist-contact, non-drug treatments of chronic migraine and tension headache. Blanchard EB, et al. **Headache** 1985 Jun;25(4):214-20

Patient motivation in the treatment of migraine. A non-medicinal study. Gallagher RM, et al. **Headache** 1984 Sep;24(5):269-71

Treatment of headache by transcutaneous electrical stimulation. Solomon S, et al. **Headache** 1985 Jan;25(1):12-5

Multimodal migraine treatment: does thermal feedback add to the outcome? Sorbi M, et al. **Headache** 1984 Sep; 24(5):249-55

Treatment of childhood migraine using autogenic feedback training. Labbé EL, et al. **J Consult Clin Psychol** 1984 Dec; 52(6):968-76

An intelligent person's guide to migraine management. Wilkinson M. **J R Soc Health** 1984 Oct;104(5):171-3

Transcendental meditation and three cases of migraine. Lovell-Smith HD. **NZ Med J** 1985 Jun 12;98(780):443-5

[Trial treatment of migraine attack by rebreathing of expired air (letter)] Pradalier A, et al. **Presse Med** 1984 Sep 15; 13(31):1901 **(Fre)**

[Hypnosis in the treatment of migraine and headache] Berlin J, et al. **Fortschr Med** 1985 Jul 4;103(25):666-8 (Eng. Abstr.) **(Ger)**

[Acupuncture in migraine] Kubiena G. **Fortschr Med** 1985 Jul 4;103(25):669-72 (Eng. Abstr.) **(Ger)**

[Migraine therapy in childhood] Pothmann R. **Fortschr Med** 1985 Jul 4;103(25):663-5 (18 ref.) (Eng. Abstr.) **(Ger)**

[Biofeedback and relaxation therapy for patients with migraine and tension headaches] Woolley-Hart A. **Psychiatr Neurol Med Psychol (Leipz)** 1984 Nov; 36(11):649-54 (Eng. Abstr.) **(Ger)**

[A muscle and vascular oriented relaxation program for the treatment of chronic migraine patients. A randomized clinical comparative study] Doerr-Proske H, et al. **Z Psychosom Med Psychoanal** 1985;31(3):247-66 (Eng. Abstr.) **(Ger)**

[Biofeedback training in the treatment of migraine] Selmaj K. **Neurol Neurochir Pol** 1984 Sep-Oct;18(5):459-63 (24 ref.) **(Pol)**

[Changes in blood serotonin levels in patients with migraine headaches before and after a course of reflexotherapy] Markelova VF, et al. **Zh Nevropatol Psikhiatr** 1984; 84(9):1313-6 (Eng. Abstr.) **(Rus)**

MIGRANTS see **TRANSIENTS AND MIGRANTS**

MIGRATION INHIBITION FACTORS, MACROPHAGE see **MACROPHAGE MIGRATION INHIBITORY FACTORS**

MIKAMYCINS see **VIRGINIAMYCINS**

MIKULICZ' DISEASE

PATHOLOGY

[Rare from of Mikulicz' disease] Gryczyński M, et al. **Wiad Lek** 1985 Mar 1;38(5):381-5 (Eng. Abstr.) **(Pol)**

MILIEU THERAPY

Teaching and learning adolescent psychotherapy: adolescent, therapist, and milieu. McCaughan DL. **Adolesc Psychiatry** 1985;12:414-33

Principles of residential treatment: staff growth and therapeutic interaction. Sanders J. **Adolesc Psychiatry** 1985; 12:361-70

Therapeutic space design: planning an inpatient children's unit. Cotton NS, et al. **Am J Orthopsychiatry** 1984 Oct; 54(4):624-36

Using the milieu: treatment-environment consistency. Szekais B. **Gerontologist** 1985 Feb;25(1):15-8

METHODS

Supportive containment in the hospital care of treatment-resistant borderline adolescents. Braden E. **Psychiatry** 1984 Nov;47(4):315-22

TRENDS

What has happened to the milieu? [letter] Almond R. **Am J Psychiatry** 1984 Nov;141(11):1494-5

MILITARY ANTI-SHOCK TROUSERS see **G SUITS**

MILITARY DENTISTRY

Dental anxiety and DMFS status: association within a US naval population versus differences between groups. Cohen ME. **Community Dent Oral Epidemiol** 1985 Apr;13(2):75-8

Twenty years of dental treatment in the Dutch Armed Forces. Meeuwissen R, et al. **Community Dent Oral Epidemiol** 1985 Jun;13(3):123-4

Amine fluoride gel in a caries prophylaxis program for soldiers in Poland. Obersztyn A, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):288-91

Prosthodontic treatment and retreatment of 845 servicemen. Meeuwissen R, et al. **J Prosthet Dent** 1985 Mar;53(3):425-7

Prescribing for the prevention of infective endocarditis: a study into the use of prophylactic antibiotics in the Armed Forces Dental Services. Woodman AJ. **J R Nav Med Serv** 1984 Winter;70(3):149-59

Dental identification and the P-3 crash in Hawaii. Smith GA, et al. **Milit Med** 1985 Feb;150(2):59-66

A panoramic radiographic analysis of Air Force basic trainees. Burgess JO. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):113-7

EDUCATION

A combat casualty course for increasing the operational readiness of reserve component health care professionals. Hepps SA, et al. **Milit Med** 1985 Feb;150(2):97-101

MILITARY HYGIENE

[Ethical norms and deontological principles in conducting a health inspection] Varaksin VS. **Voen Med Zh** 1985 Jun; (6):62-4 **(Rus)**

HISTORY

[Hygiene of food supply to the troops on the Far-Eastern front in the war years (1941-1945)] Marei AN. **Gig Sanit** 1985 Apr;(4):7-9 **(Rus)**

[Sanitary-hygienic provision of the front and the rear during World War II] Sergeev EP. **Gig Sanit** 1985 Apr;(4):5-7 **(Rus)**

[The sanitary-hygienic service of the Soviet Army during World War II] Vavilin PA, et al. **Gig Sanit** 1985 Apr;(4):4-5 **(Rus)**

MILITARY MEDICINE

see related
SURVIVAL
WOUNDS AND INJURIES

Course and outcome of drug abuse in military conscripts. Benson G. **Acta Psychiatr Scand** 1985 Jan;71(1):38-47

Frequency of illness associated with epidemic hepatitis A virus infections in adults. Lednar WM, et al. **Am J Epidemiol** 1985 Aug;122(2):226-33

Chronic strongyloidiasis in Vietnam veterans. Pelletier LL Jr, et al. **Am J Med** 1985 Jan;78(1):139-40

Occurrence and impact of zoonoses in pet dogs and cats at US Air Force bases. Warner RD. **Am J Public Health** 1984 Nov;74(11):1239-43

Hyperbaric oxygen therapy for acute acoustic trauma. Pilgramm M, et al. **Arch Otorhinolaryngol** 1985; 241(3):247-57

Fatal heatstroke after a short march at night: a case report. Assia E, et al. **Aviat Space Environ Med** 1985 May; 56(5):441-2

Will they fly again? The probability of wounded military aviators returning to flying duty: a study of 70 cases. Dreyfuss UY, et al. **Aviat Space Environ Med** 1985 Jul; 56(7):702-8

Differences in health risks by aircraft model among U.S. Navy pilots. Hoiberg A. **Aviat Space Environ Med** 1985 Jul;56(7):676-82

Height, weight, percent body fat, and indices of adiposity for young men and women entering the U.S. Army. Knapik JJ, et al. **Aviat Space Environ Med** 1983 Mar;54(3):223-31

Cases from the Aerospace Medicine Residents' Teaching File. Parmet AJ, et al. **Aviat Space Environ Med** 1984 Nov; 55(11):1055-7

HDL-cholesterol related to weight, smoking, and physical fitness in German Air Force pilots. Reichenbach-Klinke K, et al. **Aviat Space Environ Med** 1985 Jul;56(7):709-13

A review of Army Air Corps helicopter accidents, 1971-1982. Vyrnwy-Jones P. **Aviat Space Environ Med** 1985 May;56(5):403-9

Risk profile for soldiers aged under 40 with coronary heart disease [letter] **Br Med J [Clin Res]** 1985 Aug 24; 291(6494):545-6

Crown immunity protects service surgeons. **Br Med J [Clin Res]** 1984 Nov 17;289(6455):1387

Risk profile of soldiers aged under 40 with coronary heart disease. Lynch P, et al. **Br Med J [Clin Res]** 1985 Jun 22;290(6485):1868-9

Clinical value of paired sputum and transtracheal aspirates in the initial management of pneumonia. Geckler RW, et al. **Chest** 1985 May;87(5):631-5

Unusual distribution and onset of stress fractures in soldiers. Giladi M, et al. **Clin Orthop** 1985 Jan-Feb;(192):142-6

Multiple stress fractures. A longitudinal study of a soldier with 13 lesions. Milgrom C, et al. **Clin Orthop** 1985 Jan-Feb;(192):174-9

The design and function of military footwear: a review following experiences in the South Atlantic. Oakley EH. **Ergonomics** 1984 Jun;27(6):631-7

Varied and repeated atropine dosages and exercise-heat stress. Levine L, et al. **Eur J Applied Physiol** 1984; 53(1):12-6

Increase in the ratio of serum levels of apolipoproteins A-I and A-II during prolonged physical strain and calorie deficiency. Magnus P, et al. **Eur J Applied Physiol** 1984; 53(1):21-4

Gender, role, and illness behavior in a military population. Bishop GD. **Health Psychol** 1984;3(6):519-34

Health status of women in the U.S. military. Hoiberg A. **Health Psychol** 1984;3(3):273-87 (42 ref.)

Posttraumatic stress disorder in medical personnel in Vietnam. Dewane CJ. **Hosp Community Psychiatry** 1984 Dec;35(12):1232-4

Epidemiological and clinical aspects of leprosy in Indian armed forces. Tiwari VD, et al. **Ind J Lepr** 1985 Jan-Mar; 57(1):124-31

The three-year incidence of non-B viral hepatitis morbidity in a controlled trial of pre-exposure immune serum globulin prophylaxis. Kark JD, et al. **Infection** 1984 Jul-Aug; 12(4):251-5

Malignant melanoma in World War II veterans. Brown J, et al. **Int J Dermatol** 1984 Dec;23(10):661-3

Comparison of occupational hearing losses among military engineers and their civilian counterparts. Fletcher JL, et al. **J Aud Res** 1983 Oct;23(4):241-50

Stress of transition from residency training to clinical practice in the military setting. David DJ, et al. **J Fam Pract** 1984 Oct;19(4):558-9

Central European tick-borne encephalitis: assessment of risk for persons in the armed services and vacationers [letter] McNeil JG, et al. **J Infect Dis** 1985 Sep;152(3):650-1

Boxing in the Army. **J R Army Med Corps** 1984 Oct; 130(3):141-3

An audiometric survey of Royal Artillery gun crews following 'Operation Corporate'. Anderson J. **J R Army Med Corps** 1984 Jun;130(2):100-8

Pack palsy. Attard GJ. **J R Army Med Corps** 1985 Feb; 131(1):50-1

Operation corporate--the Sir Galahad bombing. Woolwich

Burns Unit experience. Chapman P. **J R Army Med Corps** 1984 Jun;130(2):84-8

Military cold injury during the war in the Falkland Islands 1982: an evaluation of possible risk factors. Craig RP. **J R Army Med Corps** 1984 Jun;130(2):89-96

Army amputees from the Falklands--review. Groom AF, et al. **J R Army Med Corps** 1984 Jun;130(2):114-6

Immunisation against Japanese encephalitis in Nepal: experience of 1152 subjects. Henderson A. **J R Army Med Corps** 1984 Oct;130(3):188-91

First and second line treatment in the Falklands Campaign. A retrospective view. Jackson DS, et al. **J R Army Med Corps** 1984 Jun;130(2):79-83

Sepsis in soft tissue limbs wounds in soldiers injured during the Falklands Campaign 1982. Jackson DS. **J R Army Med Corps** 1984 Jun;130(2):97-9

The investigation of haematuria in the young military population. Kumarasena HD, et al. **J R Army Med Corps** 1985 Feb;131(1):25-7

Acupuncture: a military medical use? [letter] Leary B. **J R Army Med Corps** 1985 Feb;131(1):55-6

Coronary risk profile of young soldiers with coronary heart disease. Lynch P. **J R Army Med Corps** 1985 Feb; 131(1):38-41

Sudden death in sport before and after introduction of the Basic Fitness Test. Lynch P, et al. **J R Army Med Corps** 1985 Feb;131(1):42-6

Psychiatric morbidity in a military general practice. O'Brien LS. **J R Army Med Corps** 1985 Feb;131(1):16-8

The falklands: rate of British psychiatric combat casualties compared to recent American wars. Price HH. **J R Army Med Corps** 1984 Jun;130(2):109-13

Medical aspects of a military exercise in Kenya. Sidebotham CF. **J R Army Med Corps** 1985 Feb;131(1):3-8

Fatal disseminated strongyloidiasis in an immunocompromised former war prisoner of the Japanese. Stewart JB, et al. **J R Army Med Corps** 1985 Feb; 131(1):47-9

Sports injuries in the Services 1969-1980. Tointon JA. **J R Army Med Corps** 1984 Oct;130(3):193-7

Noise-induced hearing loss sustained during land operations in the Falkland Islands Campaign, 1982. Brown JR. **J Soc Occup Med** 1985 May;35(2):44-54

Thoracic wounds in Israeli battle casualties during the 1982 evacuation of wounded from Lebanon. Rosenblatt M, et al. **J Trauma** 1985 Apr;25(4):350-4

Urolithiasis and race: another viewpoint. Mason JC, et al. **J Urol** 1985 Sep;134(3):501-2

Stress fracture of the calcaneus--still an enigma in the Israeli Army [letter] Giladi M, et al. **JAMA** 1984 Dec 14; 252(22):3128-9

Sexual orientation and physicians' fitness for military duty [letter] Harris SE. **JAMA** 1984 Dec 28;252(24):3364-5

HTLV-III antibodies in US Army blood donors in West Germany [letter] James JJ, et al. **JAMA** 1985 Sep 20; 254(11):1449

Sarcomas of soft tissues after Vietnam service. Greenwald P, et al. **JNCI** 1984 Nov;73(5):1107-9

No blanket immunity for Crown in cases of Army medical negligence. Brahams D. **Lancet** 1985 Aug 3;2(8449):265-6

Analyzing medicine by means of reprint requests. Onuigbo WI. **Methods Inf Med** 1985 Jan;24(1):37-8

Medicine in the basic combat training period (recruits medicine) IV: A controlled health delivery system. Armon C, et al. **Milit Med** 1984 Nov;149(11):601-15

Medicine in the basic combat training period (recruits medicine) III: Objectives and means. Armon C, et al. **Milit Med** 1984 Nov;149(11):595-600

Medicine in the basic combat training period (recruits medicine) II: Health services organization and personnel. Armon C, et al. **Milit Med** 1984 Nov;149(11):588-94

Medicine in the basic combat training period (recruits medicine) I: The approach to the recruit. Armon C, et al. **Milit Med** 1984 Nov;149(11):579-87

Confidentiality in military medicine. Auster SL. **Milit Med** 1985 Jul;150(7):341-6

Contrasts in combat casualty care. Bellamy RF. **Milit Med** 1985 Aug;150(8):405-10

Diagnosis of malignant hyperthermia: implications for the military. Biscardi HM, et al. **Milit Med** 1985 Jun; 150(6):293-6

Divisional medical support on the modern battlefield. Burkhalter EL. **Milit Med** 1984 Oct;149(10):561-4

Prematurity among United States Air Force active-duty gravidas. Buttemiller R. **Milit Med** 1984 Dec;149(12):665-8

Participative educational experience: providing an alternative to medical readiness. Calderwood BA, et al. **Milit Med** 1985 May;150(5):272-4

The effectiveness of carefully monitored modified fast as adjuvant therapy for exogenous obesity in active duty personnel. Carlson DE, et al. **Milit Med** 1984 Dec; 149(12):669-71

Care of the injured soldier: a medical readiness role for clinical hyperbaric oxygen therapy. Cramer FS. **Milit Med** 1985 Jul;150(7):372-5

Field preventive medicine and epidemiological surveillance: the Beirut, Lebanon experience, 1982. Daniell FD, et al. **Milit Med** 1985 Apr;150(4):171-6

Division psychiatrists in peacetime. Deeken MG, et al. **Milit Med** 1985 Aug;150(8):455-7

Virus surveillance in a semi-isolated Arctic military community. Fulton RE, et al. **Milit Med** 1984 Dec; 149(12):639-49

Values conflict in utilization review in the military [editorial] Giordano FL. **Milit Med** 1985 Apr;150(4):221-2

Heat stress and its effects on illness and injury rates. Henry CD. **Milit Med** 1985 Jun;150(6):326-9

The emphasis on weight control by the army [letter] Hughes JR. **Milit Med** 1985 Aug;150(8):464-5

Medical field service in the U.S. Army Medical Department and the Israel Defense Forces. Israeloff J. **Milit Med** 1985 Aug;150(8):416-22

Impact of the chemical protective ensemble on the performance of basic medical tasks. King JM, et al. **Milit Med** 1984 Sep;149(9):496-501

House dust mite allergies in military personnel. King MJ, et al. **Milit Med** 1985 Jan;150(1):19-22

Potential exposure of Utah Army National Guard personnel to giardiasis during field training exercises: a preliminary survey. Laxer MA. **Milit Med** 1985 Jan;150(1):23-6

An administrative index for mental health professionals. McCaughey BG, et al. **Milit Med** 1985 Mar;150(3):123-5

Bereavement: intervention following an accident involving multiple deaths and no survivors. McCaughey BG. **Milit Med** 1984 Dec;149(12):687-8

REFORGER patient data: information collected in a CSH emergency room during a military training exercise. McMarlin SA, et al. **Milit Med** 1985 Jul;150(7):368-71

Combat stress reaction: a concept in evolution. Mareth TR, et al. **Milit Med** 1985 Apr;150(4):186-90

The effect of carried loads on the combative movement performance of men and women. Martin PE, et al. **Milit Med** 1985 Jul;150(7):357-62

Long-term benefits of cardiac surgery in active duty patients. Martinez MJ, et al. **Milit Med** 1985 Aug;150(8):447-50

Tetanus immune status in reservists of the Israel Defence Force. Matzkin H, et al. **Milit Med** 1985 Apr;150(4):200-3

Family Medicine Faculty Development Research Fellowship in the United States Army: a new career pathway. Moore RG Jr, et al. **Milit Med** 1985 Mar;150(3):126-8

Mental health care in European military communities. Newhouse PA. **Milit Med** 1985 Jul;150(7):347-52

Problems with the trimethoprim-sulfamethoxazole regimen for oropharyngeal gonorrhea. O'Neil TJ, et al. **Milit Med** 1985 Jan;150(1):47-8

Venezuelan equine encephalomyelitis: report of an outbreak associated with jungle exposure. Sanchez JL, et al. **Milit Med** 1984 Nov;149(11):618-21

'Leprosy in the Armed Forces of the United States: newly reported cases from 1970 to 1983'. Schlagel CJ, et al. **Milit Med** 1985 Aug;150(8):427-30

Per cent body fat alone is a poor predictor of physical fitness. Slack MC, et al. **Milit Med** 1985 Apr;150(4):211-4

Acute epididymitis: experience with 123 cases. Vordermark JS 2d. **Milit Med** 1985 Jan;150(1):27-30

Perceptions of occupational status of Army nurses and physicians regarding themselves and each other. Winters DE. **Milit Med** 1985 Jun;150(6):297-9

Laser retinal injury. Wolfe JA. **Milit Med** 1985 Apr; 150(4):177-85

A triage and emergency treatment model for combat medics on the chemical battlefield. Xenakis SN, et al. **Milit Med** 1985 Aug;150(8):411-5

Dengue fever in U.S. military personnel--Republic of the Philippines. **MMWR** 1985 Aug 16;34(32):495-6, 501-2

US troops and AIDS [news] Beardsley T. **Nature** 1985 Aug 22-28;316(6030):668

US veterans: leukaemia figures in doubt [news] Budiansky S. **Nature** 1985 Jun 13-19;315(6020):532

Late sequelae after meningococcal disease. A controlled study in young men. Sander J, et al. **NIPH Ann** 1984 Jun; 7(1):3-11

Child consultation rates in service families. A comparison with civilians. Sidebotham CF. **Practitioner** 1985 Jul; 229(1405):625, 627

Design and execution of a very large birth-defects case-control study. Erickson JD, et al. **Prog Clin Biol Res** 1985;163B:273-7

A civilian-military partnership to reduce the incidence of gonorrhea. Woodhouse DE, et al. **Public Health Rep** 1985 Jan-Feb;100(1):61-5

NRC finds few risks for atomic vets [news] Smith RJ. **Science** 1985 Jun 21;228(4706):1409

Rubella in male Singapore adolescents: incidence and effects of vaccination. Ahmad MT, et al. **Singapore Med J** 1984 Dec;25(6):404-7

[Recruits' contacts with the medical officer during the first 3 months of military service] Worm-Petersen S. **Ugeskr Laeger** 1985 Apr 1;147(14):1224-5 (Eng. Abstr.) **(Dan)**

[Delirium tremens. Epidemiological contribution of the army (letter)] Bazot M, et al. **Ann Med Interne (Paris)** 1984; 135(7):574 **(Fre)**

[Epidemiology of drug abuse in the French army] Lefebvre P, et al. **Ann Med Interne (Paris)** 1984;135(7):548-50 (Eng. Abstr.) **(Fre)**

[Collecting - setting up. Initial evacuation] Moudene A, et al. **Maroc Med** 1985 Mar;7(1):391-3 **(Fre)**

[Clinical and histologic aspects of the most severe eye contusions and ruptures following military explosion injuries] Lemmen K, et al. **Fortschr Ophthalmol** 1984; 81(4):312-4 (Eng. Abstr.) **(Ger)**

[Limits between normal and pathologic auditory fatigue following acoustic stress with high peak pressures in its significance for acoustically-induced hearing loss] Pfander F. **Laryngol Rhinol Otol (Stuttg)** 1984 Sep;63(9):435-8 (Eng. Abstr.) **(Ger)**

[Evaluation of risk factors in the standard examination of adolescents] Klingbeil M, et al. **Padiatr Grenzgeb** 1985; 24(1):75-8 (Eng. Abstr.) **(Ger)**

[Fitness and suitability from the military medicine viewpoint] Hollenbach K, et al. **Z Arztl Fortbild (Jena)** 1985;79(1):25-9 **(Ger)**

[Consequences for military medicine of new nuclear weapons developments] Vogler H. **Z Gesamte Inn Med** 1985 Jan 15;40(2):33-7 (Eng. Abstr.) **(Ger)**

[Damage caused by ionizing radiation/acute radiation sickness] Werner G. **Z Gesamte Inn Med** 1985 Jan 15; 40(2):37-40 (Eng. Abstr.) **(Ger)**

[Groenblad-Strandberg syndrome] Schneider T, et al. **Z Hautkr** 1984 Oct 1;59(19):1290-2, 1297-300 (Eng. Abstr.) **(Ger)**

[Experiences in the field of general surgery in a developing country under the special conditions of a conventional war] Bergemann D. **Zentralbl Chir** 1985;110(4):224-9 (Eng. Abstr.) **(Ger)**

[Disaster preparedness and exercises. Responsibility, conduct and evaluation] Bjerklund Johansen TE. **Tidsskr Nor Laegeforen** 1984 Nov 30;104(33):2303-9 (Eng. Abstr.) **(Nor)**

[Alcohol and drug abuse in the military forces] Martinsen B, et al. **Tidsskr Nor Laegeforen** 1985 May 30; 105(15):1049-51 (Eng. Abstr.) **(Nor)**

[Occurrence of tinea pedis in military recruits] Sandven P, et al. **Tidsskr Nor Laegeforen** 1984 Aug 20;104(23):1526-7 (Eng. Abstr.) **(Nor)**

[Effect of patient cooperation and muscular physique on maximal expiratory flow rate] May K, et al. **Pneumonol Pol** 1985 Jan;53(1):53-6 (Eng. Abstr.) **(Pol)**

[Analysis of cases of decompression sickness treated by hyperbaric oxygenation at the Polish Army Center for the Training of Divers and Frogmen in the summer of 1983] Krzyżak J, et al. **Pol Tyg Lek** 1984 Jul 30;39(31):1041-3 (Eng. Abstr.) **(Pol)**

[Potentials for the rapid restoration of work capacity in operations specialists] Apanasenko GL, et al. **Voen Med Zh** 1984 Oct;(10):38-9 **(Rus)**

[Obtaining demineralized water for injections in a field unit] Barabanov VI, et al. **Voen Med Zh** 1984 Dec;(12):54-6 **(Rus)**

[Nonparametric comparison methods in trials of hypotheses on risk factors] Degtiarev AA, et al. **Voen Med Zh** 1984 Oct;(10):70-6 **(Rus)**

[Experience in the treatment and rehabilitation with viral hepatitis patients on a hospital ship on a long cruise] Gnoevoĭ VB, et al. **Voen Med Zh** 1984 Sep;(9):46 **(Rus)**

[Laboratory methods of evaluating water quality] Gudkov VI, et al. **Voen Med Zh** 1984 Aug;(8):44-6 **(Rus)**

[Effect of various factors on the course and exacerbation of ischemic heart disease] Kapitanenko AM, et al. **Voen Med Zh** 1984 Aug;(8):51-3 **(Rus)**

[Psychophysiological indicators in students during training] Kazakov VI, et al. **Voen Med Zh** 1985 Jan;(1):49-52 **(Rus)**

[Immunoprophylaxis of meningococcal infection among the troops] Khokhlov DT, et al. **Voen Med Zh** 1984 Oct; (10):51-3 (18 ref.) **(Rus)**

[Alcoholism in the armed forces of capitalist countries] Kolupaev GP, et al. **Voen Med Zh** 1985 Feb;(2):72-4 **(Rus)**

[Characteristics of the medical support for small units in field exercises and operations in a mountainous desert area] Kozlov AP. **Voen Med Zh** 1985 Jun;(6):50-2 **(Rus)**

[Organization and methods of conducting a special medical tactical exercise with the regimental medical aid station] Kuznetsov VG, et al. **Voen Med Zh** 1985 Jun;(6):43-9 **(Rus)**

[Organization of triage at a regimental medical center] Lobanov GP. **Voen Med Zh** 1984 Sep;(9):17-25 **(Rus)**

[Pathogenetic mechanisms of shock in napalm burns] Mikhaĭlov VV, et al. **Voen Med Zh** 1985 Jan;(1):70-3 **(Rus)**

[Dynamic observation of the epidemic process in meningococcal infection in a unit] Perepelkin VS, et al. **Voen Med Zh** 1984 Oct;(10):35-7 **(Rus)**

[Possibilities of the correction of disorders of lipid metabolism] Piuretskiĭ AI, et al. **Voen Med Zh** 1984 Dec; (12):58-9 **(Rus)**

[Prevention of acoustic trauma among military personnel] Revskoĭ IuK, et al. **Voen Med Zh** 1985 Jan;(1):64-6 **(Rus)**

[Method for determining the optimal level of carryover stock of medical stores in a medical installation or unit pharmacy] Riabykh LD, et al. **Voen Med Zh** 1984 Oct;(10):18-20 **(Rus)**

[2 cases of aortic coarctation] Semenov AM, et al. **Voen Med Zh** 1984 Aug;(8):65-6 **(Rus)**

[Metabolic function of sailors during a cruise] Solodkov AS. **Voen Med Zh** 1984 Oct;(10):42-5 **(Rus)**

[A method for determining the degree of leakage of water pipes] Stroganov VN, et al. **Voen Med Zh** 1984 Aug; (8):61-2 **(Rus)**

[Current problems of military traumatology and orthopedics] Tkachenko SS. **Voen Med Zh** 1984 Aug;(8):58-61 **(Rus)**

[Prevention of zoonotic cutaneous leishmaniasis in the army] Uskov NE, et al. **Voen Med Zh** 1984 Aug;(8):42-3 **(Rus)**

[Information systems in scientific research in the field of military medicine] Vladimirov VG, et al. **Voen Med Zh** 1984 Dec;(12):21-4 **(Rus)**

[Characteristics of medical support for personnel in the Arctic] Zakharov VP. **Voen Med Zh** 1984 Sep;(9):56-9 **(Rus)**

[Current problems of the organization of medical selection of the wounded and sick for evacuation] Zybov AM. **Voen Med Zh** 1984 Dec;(12):19-21 **(Rus)**

[Psychopathology of the late period of closed military craniocerebral injuries (non-psychotic forms)] Bobrov AS. **Zh Nevropatol Psikhiatr** 1985;85(5):704-10 (Eng. Abstr.) **(Rus)**

[Variants of the clinical course of the late period of military closed craniocerebral injuries] Burtsev EM, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):659-63 (Eng. Abstr.) **(Rus)**

[Experimental-psychological study in the late period of closed wartime craniocerebral injuries] Kopaeva NA. **Zh Nevropatol Psikhiatr** 1985;85(5):711-5 (Eng. Abstr.) **(Rus)**

[Neuropathologic syndromes in the late period of closed cranio-cerebral injuries] Maksimov OG, et al. **Zh Nevropatol Psikhiatr** 1985;85(5):664-70 (Eng. Abstr.) **(Rus)**

[Vojnosanitetski Pregled. Bibliography 1978-1981] **Vojnosanit Pregl** 1984 Sep-Oct;:1-60, 1-20 **(Scr)**

[The effect of military training on maximal oxygen consumption, general muscle strength and body mass of female soldiers] Dimitrijević B, et al. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):393-6 (Eng. Abstr.) **(Scr)**

[The automated science information system for scientific information and documentation] of the Institute of Military Medicine] Marković C. **Vojnosanit Pregl** 1984 Sep-Oct; 41(5):373-9 **(Scr)**

[Cooperation in ensuring health care--a prerequisite for success] Radić A. **Vojnosanit Pregl** 1984 Nov-Dec; 41(6):447-50 **(Scr)**

[Control of the maintenance of military medical equipment] Todorović S. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):269-70 (Eng. Abstr.) **(Scr)**

[Dissimulation of epilepsy by soldiers] Umićević P, et al. **Vojnosanit Pregl** 1984 Jul-Aug;41(4):266-8 **(Scr)**

[The activity of an ambulatory care facility in a military garrison] Uzelac S. **Vojnosanit Pregl** 1985 Mar-Apr; 42(2):123-5 **(Scr)**

[Statistical survey of work at the Military Medicine Academy during 1983] **Zb Vojnomed Akad** 1983;25:99-231 **(Scr)**

[Relation of COHb to physical fitness and lipid metabolism parameters in recruits] Vokál E, et al. **Cesk Zdrav** 1984 Sep;32(8-9):349-55 (Eng. Abstr.) **(Slo)**

ECONOMICS

[For greater efficiency in the economy] Borisov EN. **Voen Med Zh** 1984 Dec;(12):3-7 **(Rus)**

EDUCATION

Medical training for peace and war [letter] **J R Army Med Corps** 1984 Jun;130(2):134-7

Medical training for peace and war [letter] Millar KN. **J R Army Med Corps** 1985 Feb;131(1):56-7

US Army aviation medicine. Piwinski SE, et al. **J R Army Med Corps** 1984 Oct;130(3):162-3

Faculty satisfaction, activity, and demographics: a comparison of family practice and orthopaedic surgery faculty. Fogarty JP, et al. **Milit Med** 1985 Jan;150(1):15-8

Preparing Army physicians for practice: II. A transition to practice seminar. Hales RE, et al. **Milit Med** 1985 Feb; 150(2):91-6

A combat casualty course for increasing the operational readiness of reserve component health care professionals. Hepps SA, et al. **Milit Med** 1985 Feb;150(2):97-101

A program for pediatric intern orientation. Weir MR. **Milit Med** 1985 Feb;150(2):109-11

[Organization and implementation of the course segment 'Public health-antiepidemic protection' within the scope of military medicine education] Furter HJ, et al. **Z Gesamte Hyg** 1985 Feb;31(2):104-8 (Eng. Abstr.) **(Ger)**

[Selected dermatological problems in the armed forces for 40 years of the Polish People's Republic] Lańcucki J, et al. **Przegl Dermatol** 1984 May-Jun;71(3):201-7 **(Pol)**

[Teaching forensic medicine at the S.M. Kirov Military Medical Academy (organization of the educational base)] Popov VL. **Sud Med Ekspert** 1984 Jul-Sep;27(3):53-4 **(Rus)**

[Role of the medical school in military-patriotic education of the younger generation of Soviet physicians] Koroliuk IP, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):14-9 **(Rus)**

[Improving the military patriotic education of medical students (analysis of material from the 'Journal of Military Medicine') over a ten-year period] Borodin VG, et al. **Voen Med Zh** 1984 Aug;(8):22-6 **(Rus)**

[Training of military-medical specialists] Ibadulin RR. **Voen Med Zh** 1985 Feb;(2):26-30 **(Rus)**

[Current problems of training and specialization of physicians of military sanatoria] Ibadulin RR, et al. **Voen Med Zh** 1984 Aug;(8):19-22 **(Rus)**

[Advanced training in military medicine] Nedoroslov AG, et al. **Voen Med Zh** 1985 Apr;(4):48-9 **(Rus)**

[Postgraduate training of medical specialists] Novikov NP, et al. **Voen Med Zh** 1985 Mar;(3):28-9 **(Rus)**

[Training of military otorhinolaryngologists to perform the duties of garrison specialists] Revskoĭ IuK, et al. **Voen Med Zh** 1984 Sep;(9):25-7 **(Rus)**

[Work of the socially active organizations of a medical institute in the military and patriotic education of students] Riabov GA, et al. **Voen Med Zh** 1984 Oct;(10):20-2 **(Rus)**

[Experience with the programmed control of student instruction in a military department] Rumiantsev RN, et al. **Voen Med Zh** 1984 Oct;(10):22-3 **(Rus)**

HISTORY

Mobile's Heustis Medical Museum seeks artifacts. Eichold S. **Ala Med** 1985 Jan;54(7):29-30, 32

From irritable heart to mitral valve prolapse: British Army medical reports, 1860 to 1870. Wooley CF. **Am J Cardiol** 1985 Apr 1;55(8):1107-9

The first administration of anesthesia in military surgery: on occasion of the Mexican-American War. Aldrete JA, et al. **Anesthesiology** 1984 Nov;61(5):585-8

The distribution of stature among Danish conscripts in 1852-56. Boldsen JL, et al. **Ann Hum Biol** 1984 Nov-Dec; 11(6):555-65

Penicillin: early trials in war casualties. Fraser I. **Br Med J [Clin Res]** 1984 Dec 22-29;289(6460):1723-5

The benefits of war--to surgery. Cruse P. **Can J Surg** 1985 Mar;28(2):102

The military surgeon--not least in the crusade. Derby AC. **Can J Surg** 1985 Mar;28(2):183-6

18th century British military stature: growth cessation, selective recruiting, secular trends, nutrition at birth, cold and occupation. Steegmann AT Jr. **Hum Biol** 1985 Feb; 57(1):77-95

The health of the American slave examined by means of Union Army medical statistics. Freemon FR. **J Natl Med Assoc** 1985 Jan;77(1):49-52

Alcohol and the fighting man--an historical review. Dunbar-Miller RA. **J R Army Med Corps** 1984 Jun; 130(2):117-21

Mitchiner memorial lecture. Wellington, Napoleon and the medical services. Richardson FM. **J R Army Med Corps** 1985 Feb;131(1):9-15

A pathologist goes to war: the Prior's papers. Paper II. Vella EE. **J R Army Med Corps** 1984 Oct;130(3):164-77

Aviation medicine and the Army. Vyrnwy-Jones P, et al. **J R Army Med Corps** 1984 Oct;130(3):144-9

The development of plastic surgery for war. Wallace AF. **J R Army Med Corps** 1985 Feb;131(1):28-37

DaVega's Floating Hospital. Leland TM. **J SC Med Assoc** 1984 Nov;80(11):581

The treatment of compound fractures in the eighteenth century. de Moulin D. **Neth J Surg** 1985 Apr;37(2):54-9

Nostalgia and malingering in the military during the Civil War. Anderson DL, et al. **Perspect Biol Med** 1984 Autumn; 28(1):156-66

Radiography in the United States Army during World War I. Lauer OG. **Radiol Technol** 1985 Jul-Aug;56(6):400-8

The fatal wound of General Braddock. Layton TR. **Surg Gynecol Obstet** 1985 Jun;160(6):571-6

[From Buzuluk to a liberated Czechoslovakia] Dufek V. **Cas Lek Cesk** 1985 May 10;124(19):587-91 **(Cze)**

[What did junior barber-surgeons have to know? Questions on a medical examination in 1751] Mäntylä I, et al. **Duodecim** 1984;100(14):863-9 (Eng. Abstr.) **(Fin)**

[A military medicine examination in 1794] Rüttimann B. **Gesnerus** 1985;42(1-2):85-95 (Eng. Abstr.) **(Ger)**

[The soldier's Guaridian Angel. Napoleon and modern battlefield surgery] Rüttimann B. **Schweiz Rundsch Med Prax** 1985 Feb 26;74(9):197-201 (Eng. Abstr.) **(Ger)**

[Patient care during the War of Independence] Kapronczay K. **Orv Hetil** 1985 Feb 10;126(6):340-3 **(Hun)**

[The role of Polish physicians in Hungary 1939-1945] Csorba H. **Arch Hist Med (Warsz)** 1984;47(2):207-19 (Eng. Abstr.) **(Pol)**

[Preventive measures against cholera in the Polish Army during the November Uprising] Krzyś J. **Arch Hist Med (Warsz)** 1984;47(4):539-50 (Eng. Abstr.) **(Pol)**

[Organization of the medical and sanitary services in the Torun sub-prefecture during the period of the Duchy of Warsaw] Lysiak M. **Arch Hist Med (Warsz)** 1985; 48(1):71-85 (Eng. Abstr.) **(Pol)**

[Evaluation of health services during the War of Defense in 1939] Wankiewicz R. **Arch Hist Med (Warsz)** 1984; 47(2):183-90 (Eng. Abstr.) **(Pol)**

[Problems of the 'Umbrella' medical battalion] Kaczyńska D. **Przegl Lek** 1985;42(1):105-13 **(Pol)**

[From Silesia to Yugoslavia] Talarczyk R. **Przegl Lek** 1985; 42(1):121-7 **(Pol)**

[Medical and health support for women at the fronts in World War II] Zhmakin KN. **Akush Ginekol (Mosk)** 1985 Apr; (4):13-4 **(Rus)**

[Humanism of Soviet military medicine during World War II] Smirnov EI, et al. **Antibiot Med Biotekhnol** 1985 May; 30(5):326-30 **(Rus)**

[125th anniversary of the Department of Pathological Anatomy of the S. M. Kirov Military Medical Academy] Ageev AK. **Arkh Patol** 1985;47(1):82-6 **(Rus)**

[Medical and sanitary services during World War II, 1941-1945] Dorofeeva ZZ. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):3-6 **(Rus)**

[Experience with intrasternal blood transfusion during World War II 1941-1945] Alekseev GA. **Gematol Transfuziol** 1985 May;30(5):48-9 **(Rus)**

[Blood banks during World War II (on the 40th anniversary of the Victory)] Gavrilov OK, et al. **Gematol Transfuziol** 1985 May;30(5):3-6 **(Rus)**

[History of blood transfusion under field conditions during the war] Mal'tseva IIU, et al. **Gematol Transfuziol** 1985 May;30(5):58-61 **(Rus)**

[Sanitary and hygienic control of nutrition in the armies of the Western and 3d Byelorussian fronts during World War II] Vavilin PA. **Gig Sanit** 1985 May;(5):4-6 **(Rus)**

[Contribution of cardiology therapists to medical support at the front and rear during World War II 1941-1945] **Kardiologiia** 1985 May;25(5):5-7 **(Rus)**

[Physicians in World War II] Kositskiĭ GI. **Kardiologiia** 1985 May;25(5):7-8 **(Rus)**

[An important stage in the development of military field surgery] Aleksanian IV, et al. **Khirurgiia (Mosk)** 1985 May; (5):145-7 **(Rus)**

[Soviet military field surgery during World War II 1941-1945] Lisitsyn KM, et al. **Khirurgiia (Mosk)** 1985 May; (5):3-9 **(Rus)**

[Soviet surgeons in World War II] Ternovoĭ KS. **Klin Khir** 1985 May;(5):1-8 **(Rus)**

[Organization of laboratory work during World War II, 1941-1945] Kozhemiakin LA, et al. **Lab Delo** 1985; (5):259-64 **(Rus)**

[Radiotherapy of wounds and other injuries (with reference to World War II experience)] Kishkovskiĭ AN, et al. **Med Radiol (Mosk)** 1985 May;30(5):23-6 **(Rus)**

[Roentgenologists at the front in World War II] Rozenshtraukh LS. **Med Radiol (Mosk)** 1985 May; 30(5):9-12 **(Rus)**

[Anaerobic infection. (Reminiscences. Facts. Retrospective analysis)] Kaplan AV. **Ortop Travmatol Protez** 1985 Apr; (4):6-11 (Eng. Abstr.) **(Rus)**

[50th anniversary of the organization of the Department of Traumatology, Orthopedics and Military Field-Surgery of the M. Gor'kii Donetsk Medical Institute] Levitskiĭ FA, et al. **Ortop Travmatol Protez** 1985 Jan;(1):69-70 **(Rus)**

[World War II experience and the problems of current traumatology] Rusakov AB. **Ortop Travmatol Protez** 1985 May;(5):5-8 **(Rus)**

[Soviet medicine during World War II and current principles of step-by-step treatment of gunshot wounds of the limbs] Tkachenko SS. **Ortop Travmatol Protez** 1985 Apr;(4):1-5 (Eng. Abstr.) **(Rus)**

[40 years' medical services for World War II invalids with an orthopedic traumatologic profile] Zhuravlev SM, et al. **Ortop Travmatol Protez** 1985 May;(5):1-5 **(Rus)**

[Organizers of surgical services during World War II] Aleksanian IV, et al. **Sov Zdravookhr** 1985;(4):49-54 **(Rus)**

[Militaro-sanitary services during World War II (based on the data of the 'Voenno-Meditsinskiĭ Zhurnal'] Galin LL. **Sov Zdravookhr** 1984;(5):58-61 **(Rus)**

[Activities of the Leningrad party organization for rendering nation-wide assistance to wounded and sick soldiers] Kudriashov VF. **Sov Zdravookhr** 1985;(2):45-7 **(Rus)**

[Physicians of Bashkiria--participants in World War II] Kulagina AA. **Sov Zdravookhr** 1985;(2):49-50 **(Rus)**

[Lenin on defending the socialist fatherland and protecting the health of the Armed Forces] Potulov BM. **Sov Zdravookhr** 1985;(4):3-10 **(Rus)**

[Memoirs of I.A. Mitropol'skiĭ, military physician and democrat] Serebrennikov AB. **Sov Zdravookhr** 1985; (4):65-7 **(Rus)**

[The Slovak national uprising and public health problems] Tikhi M, et al. **Sov Zdravookhr** 1985;(4):54-6 **(Rus)**

[Military forensic physicians in World War II] Berezhnoĭ RV, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):8-10 **(Rus)**

[Soviet physicians in World War II] Gromov AP, et al. **Sud Med Ekspert** 1985 Apr-Jun;28(2):5-7 **(Rus)**

[From the memoirs of an army forensic medical expert] Porksheian OKh. **Sud Med Ekspert** 1985 Apr-Jun; 28(2):19-20 **(Rus)**

[Veterans of World War II--in formation!] Serebrennikov IM. **Sud Med Ekspert** 1985 Apr-Jun;28(2):20-1 **(Rus)**

[Knowledge of internal diseases in the wounded--a major achievement of Soviet internists during World War II] Gembitskiĭ EV. **Ter Arkh** 1985;57(5):5-10 (Eng. Abstr.) **(Rus)**

[Therapeutic services in the Red Army during World War II 1941-1945] Il'inskiĭ BV. **Ter Arkh** 1985;57(5):10-4 **(Rus)**

[Internists during the war (on the 40th anniversary of the victory in World War II)] Lidov IP. **Ter Arkh** 1985; 57(5):14-7 **(Rus)**

[Urological services during World War II 1941-1945] Savchenko NE. **Urol Nefrol (Mosk)** 1985 May-Jun;(3):3-7 **(Rus)**

[An immortal feat of Soviet medical workers during World War II] Kovanov VV. **Vestn Akad Med Nauk SSSR** 1985; (4):3-12 **(Rus)**

[40th anniversary of the Great Victory] **Vestn Khir** 1985 May; 134(5):3-9 **(Rus)**

[Prominent chief surgeons on the fronts during World War

II] Lytkin MI, et al. **Vestn Khir** 1985 May;134(5):9-17 (Eng. Abstr.) (Rus)

[Achievements in the organization of medical care for combined injuries of the paranasal sinuses and brain during World War II] Blagoveshchenskaia NS. **Vestn Otorinolaringol** 1985 May-Jun;(3):10-4 (Rus)

[40th anniversary of victory in World War II] Revskoĭ IuK. **Vestn Otorinolaringol** 1985 May-Jun;(3):8-10 (Rus)

[Soviet medicine during World War II (on the 40th anniversary of the great victory] Varlamov VM, et al. **Vestn Otorinolaringol** 1985 May-Jun;(3):3-8 (Rus)

[Roentgenologists--participants in World War II (contribution to the history of the roentgenologic service)] Rozenshtraukh LS. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):5-12 (Rus)

[Party and political activities in medical departments and institutions during World War II] Berezhniak AP. **Voen Med Zh** 1985 Apr;(4):20-2 (Rus)

[Organization of military medical supplies of the Russian army in the 1st half of the 19th century] Chirkov AI. **Voen Med Zh** 1985 Mar;(3):70-1 (Rus)

[50 years of military medical services] Gorbunov VP. **Voen Med Zh** 1984 Aug;(8):76-8 (Rus)

[Medical services during the Berlin campaign] Iurov IA, et al. **Voen Med Zh** 1985 Apr;(4):13-20 (Rus)

[Pages from the history of military field surgery] Kovanov VV. **Voen Med Zh** 1984 Nov;(11):68-70 (Rus)

[Leninist Bolsheviks--alumni of the Military Medical Academy] Leonov IT. **Voen Med Zh** 1984 Oct;(10):62-5 (Rus)

[Scientific work of military physicians during World War II] Marasanov RA, et al. **Voen Med Zh** 1985 Jun;(6):26-30 (Rus)

[Medical services in the 4th Guard Apostolov Red Army Rifle Division during the Jassy-Kishinev military operation] Marchenko MA. **Voen Med Zh** 1984 Aug;(8):15-8 (Rus)

[Medical services in the rifle regiment during battles on the Kalinin front] Mironov IP. **Voen Med Zh** 1985 Apr;(4):28-31 (Rus)

[Soldiers in white smocks] Napalkov FM. **Voen Med Zh** 1985 Jun;(6):34-9 (Rus)

[Party politics activities among the wounded patients and medical personnel during the Kursk battle] Rodionov AV. **Voen Med Zh** 1984 Aug;(8):11-5 (Rus)

[Medical services in the rifle regiment during the Dnieper crossing] Rusanov VN. **Voen Med Zh** 1985 Apr;(4):31-4 (Rus)

[Infusion therapy and correction of hypovolemia during the medical evacuation of surgical patients] Shaposhnikov IuG, et al. **Voen Med Zh** 1985 Jan;(1):30-4 (Rus)

[Organization of the medical evacuation of the wounded and sick in a mountain-desert area (2d report)] Sidel'nikov AI. **Voen Med Zh** 1985 Jan;(1):21-5 (Rus)

[Participation of Soviet forensic physicians in investigating crimes committed by the fascists] Tomilin VV. **Voen Med Zh** 1985 Jun;(6):39-42 (Rus)

[Role of the Military Medical Museum in realizing the decisions of the Communist Party and the government on improving material living conditions for the participants in World War II] Varlamov VM, et al. **Voen Med Zh** 1985 Jun;(6):23-5 (Rus)

[Action group of the medical unit of the 61st Army during the Vistula-Oder military operation] Vishniakov IK. **Voen Med Zh** 1985 Jan;(1):17-20 (Rus)

[Information on the medical support for the main forces of troops in the 1st Byelorussian front in the Warsaw-Poznań operation] Vishniakov IK. **Voen Med Zh** 1985 Jun;(6):15-22 (Rus)

[Organization of medical services for the armies of the 2nd and 3rd Byelorussian fronts in the East-Prussian operation] Voĭtenko MF. **Voen Med Zh** 1985 Feb;(2):11-7 (Rus)

[Medical services in the 57th Army during the Belgrade campaign] Voĭtenko MF. **Voen Med Zh** 1985 Apr;(4):22-8 (Rus)

[The heroism of Soviet military medics] Volosecich AN, et al. **Voen Med Zh** 1985 Jun;(6):30-3 (Rus)

[History of the creation of medical store reserves for troop support during war (2)] Voronkov OV. **Voen Med Zh** 1984 Oct;(10):66-8 (Rus)

[The periodical press on the heroism of Soviet physicians during World War II] Zhukova LA. **Voen Med Zh** 1984 Oct;(10):10-2 (Rus)

[Organization of the medical evacuation support for the 3d Ukrainian Front in the Vienna Operation] Zubarchuk AK. **Voen Med Zh** 1985 Mar;(3):11-6 (Rus)

[The great victory of the Soviet people] Kliachkin LM. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr;(2):1-4 (Rus)

[Physical therapy during World War II] Moshkov VN, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Mar-Apr;(2):4-6 (Rus)

[Soviet medical chemistry during World War II] Krivobokova SS. **Vopr Med Khim** 1985 May-Jun;31(3):2-10 (Rus)

[40th anniversary of the victory of the Soviet people in World War II 1941-1945] Mishchura VI. **Vopr Onkol** 1985;31(5):3-9 (Rus)

[Organization of diet therapy and vitamin therapy in evacuation hospitals in the Chuvash ASSR] Alekseev GA. **Vopr Pitan** 1985 Mar-Apr;(2):15-8 (Rus)

[Medical workers in World War II] Lidov IP, et al. **Vopr Pitan** 1985 Mar-Apr;(2):6-10 (Rus)

[Responsibility of the Communist Party in providing medical services to the front and rear armies during World War II] Serdiuk AM. **Vrach Delo** 1985 Apr;(4):1-11 (Rus)

[Forms and methods of epidemic control work during the war years and their importance under today's conditions] Agafonov VI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):9-12 (Rus)

[Epidemic control support for the troops in World War II] Smirnov EI. **Zh Mikrobiol Epidemiol Immunobiol** 1985 May;(5):3-9 (Rus)

[Advances in organization and treatment of combined injuries of the frontal sinuses and brain during World War II] Blagoveshchenskaia NS. **Zh Vopr Neirokhir** 1985 Jul-Aug;(3):60-2 (Rus)

[Neurosurgical services to the wounded during World War II] Samotokin BA, et al. **Zh Vopr Neirokhir** 1985 Mar-Apr;(2):3-6 (Rus)

[Hearing disorders as a result of brain injuries during the war years] Alekseenko NIu. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):383-6 (Rus)

[Work of E. A. Asratian on the theory of traumatic shock and anti-shock fluid] Simonov PV. **Zh Vyssh Nerv Deiat** 1985 Mar-Apr;35(2):380-2 (Rus)

[40 years of the Vojnosanitetski Pregled] **Vojnosanit Pregl** 1984 Sep-Oct;41(5):315-9 (Scr)

[Professional publications of the health service of the National Liberation Army of Yugoslavia before the publication of the periodical Vojnosanitetski Pregled] Katan E. **Vojnosanit Pregl** 1984 Sep-Oct;41(5):424-30 (Scr)

MANPOWER

Why an Army Medical Reserve? Byerly WG. **NC Med J** 1985 Mar;46(3):167-9

[Work with military medical personnel should be at the level of current demands] **Voen Med Zh** 1985 Mar;(3):3-6 (Rus)

[Scientific methodological team of organizers of inventive and rational work] Mel'nichuk AN, et al. **Voen Med Zh** 1984 Aug;(8):78-80 (Rus)

METHODS

[Status and tasks of neurology/psychiatry in internal military medicine] Fanter H, et al. **Z Gesamte Inn Med** 1985 Jan 15;40(2):58-60 (Eng. Abstr.) (Ger)

[Value and tasks of dermatology in internal military medicine] Fischbeck R. **Z Gesamte Inn Med** 1985 Jan 15;40(2):56-8 (Eng. Abstr.) (Ger)

[Damage caused by chemical warfare agents] Gille R. **Z Gesamte Inn Med** 1985 Jan 15;40(2):45-8 (Eng. Abstr.) (Ger)

[Damage caused by biological warfare agents] Koch H. **Z Gesamte Inn Med** 1985 Jan 15;40(2):48-51 (Eng. Abstr.) (Ger)

[Recognition and treatment of vital disorders in war] Nötel U. **Z Gesamte Inn Med** 1985 Jan 15;40(2):51-6 (Eng. Abstr.) (Ger)

[Responsibilities and tasks of internal military medicine] Werner G. **Z Gesamte Inn Med** 1985 Jan 15;40(2):29-33 (Eng. Abstr.) (Ger)

STANDARDS

Medical readiness. Yarington CT Jr. **Milit Med** 1985 Mar;150(3):119-22

[Hygienic standardization of gases forming after combustion of hydrocarbon fuels] Aleksandrov VN. **Voen Med Zh** 1985 Feb;(2):44-7 (Rus)

[Scientific research in military medicine as a factor in improving therapeutic and diagnostic services in sanatoria] Boznosov MI, et al. **Voen Med Zh** 1984 Dec;(12):12-4 (Rus)

[Organization of sanitary control of the water supply using underground sources] Chvyrev VG, et al. **Voen Med Zh** 1985 Feb;(2):42-4 (Rus)

[Let us improve preventive and therapeutic diagnostic work] Korolev AA. **Voen Med Zh** 1985 Jun;(6):7-9 (Rus)

[Physical readiness for military service based on health status indicators] Malinskii DM, et al. **Voen Med Zh** 1984 Dec;(12):41-6 (Rus)

[Means for further improvement in military ophthalmology] Volkov VV. **Voen Med Zh** 1984 Oct;(10):13-7 (Rus)

[Hygienic expert analysis of canned food] Zakharov VP. **Voen Med Zh** 1985 Apr;(4):64-6 (Rus)

TRENDS

Medical care in a rapidly changing environment. Butler ML. **Milit Med** 1985 Aug;150(8):462-3

[Status and trends of development of chemical warfare agents of imperialist countries] Bleyer H, et al. **Z Gesamte Inn Med** 1985 Jan 15;40(2):40-4 (Eng. Abstr.) (Ger)

[Trends in the further improvement of dispensary work in the Army and Navy] **Voen Med Zh** 1984 Sep;(9):3-7 (Rus)

[Basic research trends in the field of medical support for flight safety] Gozulov SA. **Voen Med Zh** 1984 Oct;(10):40-2 (Rus)

[The progressive collective] Grishaev LI. **Voen Med Zh** 1984 Oct;(10):7-9 (Rus)

[Toward the further improvement of medical services in the Air Defense Forces] Khorovets GM. **Voen Med Zh** 1985 Apr;(4):7-10 (Rus)

[Medical services in the Armed Forces in 1984 and objectives for 1985] Komarov FI. **Voen Med Zh** 1985 Jan;(1):3-8 (Rus)

MILITARY NURSING

Vietnam nurse veterans [letter] Amgott M. **Am J Nurs** 1985 Apr;85(4):368-9

Synergistic management: the task of the flight nurse. Burke JB. **Aviat Space Environ Med** 1983 Mar;54(3):261-2

Perceptions of occupational status of Army nurses and physicians regarding themselves and each other. Winters DE. **Milit Med** 1985 Jun;150(6):297-9

EDUCATION

Training for the role of staff nurse--professional and personal preparation of recently qualified Registered General Nurses in the QARNNS. Wellings PR. **J R Nav Med Serv** 1985 Spring;71(1):25-31

A combat casualty course for increasing the operational readiness of reserve component health care professionals. Hepps SA, et al. **Milit Med** 1985 Feb;150(2):97-101

HISTORY

Nurses and war. Black nurses at the front. Carnegie ME. **Am J Nurs** 1984 Oct;84(10):1250-2

Nurses and war. The way it was. Curtis DE. **Am J Nurs** 1984 Oct;84(10):1253-4

Flight nurse firsts: the first formal flight nurse graduation. Barger J. **Aviat Space Environ Med** 1985 Mar;56(3):275-6

Flight nurse firsts: the first use of the Flight Nurses Creed. Barger J. **Aviat Space Environ Med** 1985 Feb;56(2):171-2

Memories of Malta 1940-42. Waterman BB. **J R Nav Med Serv** 1984 Winter;70(3):182-5

An historical look at the development of nursing in the Veterans Administration Nursing Service. Campinha J. **Milit Med** 1985 Jan;150(1):1-5

[Nursing education of girl scouts in occupied Kielce district] Kolodziejczyk B. **Przegl [illegible]** 1985;42(1):66-72 (Pol)

[For bravery and exceptional devotion to duty] Kantorovich MM. **Voen Med Zh** 1985 Mar;(3):16-8 (Rus)

TRENDS

The Army Nurse Corps. A decade of change. Frank ME, et al. **Am J Nurs** 1985 Sep;85(9):985-8

MILITARY PERSONNEL

see related
VETERANS

Pharmacy technician training in the United States Army. Whisenant AD. **Am J Hosp Pharm** 1984 Dec;41(12):2606-14

The USAF pilot selection and classification research program. Kantor JE, et al. **Aviat Space Environ Med** 1985 Mar;56(3):258-61

Job process charts and man-computer interaction within Naval command systems. Tainsh MA. **Ergonomics** 1985 Mar;28(3):555-65

A 'Dram-Shop' rule in Virginia? Wiecking DK. **Med Leg Bull** 1985 Jan-Feb;34(1):1-5

Aerobic/calisthenic and aerobic/circuit weight training programs for Navy men: a comparative study. Marcinik EJ, et al. **Med Sci Sports Exerc** 1985 Aug;17(4):482-7

Alcohol and drug abuse among American military personnel: prevalence and policy implications. Allen J, et al. **Milit Med** 1985 May;150(5):250-5

Physical fitness in the hospital setting. Barber LM Jr, et al. **Milit Med** 1985 May;150(5):278-82

Suicide in United States Army personnel, 1981-1982. Rothberg JM, et al. **Milit Med** 1984 Oct;149(10):537-41

[Medication habits and iatrogenic disorders in young adults examined at a military induction center] Juillet P, et al. **Bull Acad Natl Med (Paris)** 1984 Dec;168(9):1051-8 (Eng. Abstr.) (Fre)

[Importance of the military Selective Service centers in assessing the health of young Frenchmen] Juillet P. **Bull Acad Natl Med (Paris)** 1984 Mar-Apr;168(3-4):367-76 (Eng. Abstr.) (Fre)

[Annual holidays of personnel of medical departments, institutions and military-educational establishments of the Soviet Army and Navy] **Voen Med Zh** 1985 Feb;(2):77-9 (Rus)

[Physical readiness for military service based on health status indicators] Malinskii DM, et al. **Voen Med Zh** 1984 Dec;(12):41-6 (Rus)

EDUCATION

Participative educational experience: providing an alternative to medical readiness. Calderwood BA, et al. **Milit Med** 1985 May;150(5):272-4

PSYCHOLOGY

Preparing the civilian surgeon for combat casualty management. Eiseman B. **J Trauma** 1985 Feb;25(2):156-9

Life satisfaction for military wives. Martin JA. **Milit Med** 1984 Sep;149(9):512-4

[Basic principles of the development of a system for the occupational psychological selection of servicemen and its performance] Bodrov VA. **Voen Med Zh** 1984 Sep;(9):41-3 **(Rus)**

[Psychological classification of military specialties] D'iakonov IF, et al. **Voen Med Zh** 1985 Jan;(1):46-9 **(Rus)**

MILITARY PSYCHIATRY

Drug-related medical and social conditions in military conscripts. Benson G. **Acta Psychiatr Scand** 1984 Dec; 70(6):550-8

Drug abuse in military conscripts. Prevalence and background. Benson G, et al. **Acta Psychiatr Scand** 1984 Dec;70(6):559-67

Secondary disaster victims: the emotional effects of recovering and identifying human remains. Jones DR. **Am J Psychiatry** 1985 Mar;142(3):303-7

Ethical issues in combat psychiatry. Colbach EM. **Milit Med** 1985 May;150(5):256-65

Low dose lithium carbonate in the treatment of post traumatic stress disorder: brief communication. Kitchner I, et al. **Milit Med** 1985 Jul;150(7):378-81

The interdiction of diazepam provision. Mason JC. **Milit Med** 1985 Jul;150(7):376-7

[Reflections about self mutilation in the army. Apropos of several recent cases] Bazot M, et al. **Ann Med Psychol (Paris)** 1984 Dec;142(10):1295-302 **(Fre)**

[Apropos of the automated psychiatric documentation system (A.P.D.S.) of the Paris military hospital complex after 6 years of use] Bazot M, et al. **Ann Med Psychol (Paris)** 1984 Jun;142(6):880-6 **(Fre)**

METHODS

[Status and tasks of neurology/psychiatry in internal military medicine] Fanter H, et al. **Z Gesamte Inn Med** 1985 Jan 15;40(2):58-60 (Eng. Abstr.) **(Ger)**

MILITARY PSYCHOLOGY see **PSYCHOLOGY, MILITARY**

MILITARY SCIENCE

The Society for Nautical Research. **J R Nav Med Serv** 1985 Summer;71(2):121-2

Militarism and mortality. An international analysis of arms spending and infant death rates. Woolhandler S, et al. **Lancet** 1985 Jun 15;1(8442):1375-8

MILK

The effect of milk supplements on calcium metabolism, bone metabolism and calcium balance. Recker RR, et al. **Am J Clin Nutr** 1985 Feb;41(2):254-63

Postmenopausal bone density and milk consumption in childhood and adolescence. Sandler RB, et al. **Am J Clin Nutr** 1985 Aug;42(2):270-4

Posthospitalization growth and bone mineral status of normal preterm infants. Feeding with mother's milk or standard formula. Chan GM, et al. **Am J Dis Child** 1985 Sep; 139(9):896-8

Nutrient intakes of American infants and children fed cow's milk or infant formula. Martinez GA, et al. **Am J Dis Child** 1985 Oct;139(10):1010-8

Effects of aflatoxin M1 intake at physiologic levels on newborn dairy calves. van Dijk HJ, et al. **Am J Vet Res** 1984 Oct;45(10):1994-7

Evaluation of milk and nutrient intakes of school children in Nigeria. Nnanyelugo DO. **Appetite** 1984 Sep;5(3):175-85

Dietary intake of sweet foods and of dairy fats and resultant gustatory responses to sugar in lemonade and to fat in milk. Pangborn RM, et al. **Appetite** 1984 Dec;5(4):317-27

Dietary fat intake and taste responses to fat in milk by under-, normal, and overweight women. Pangborn RM, et al. **Appetite** 1985 Mar;6(1):25-40

Formula milks for the older infant [letter] Dossetor JF. **Arch Dis Child** 1985 Jul;60(7):686-8

Fermented milks: new developments in the biochemistry of the starter cultures. Marshall VM. **Biochem Soc Trans** 1984 Dec;12(6):1150-2

The case for compulsory pasteurisation [editorial] Howie J. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):422-3

Pasteurisation and the control of milkborne infection in Britain. Sharp JC, et al. **Br Med J [Clin Res]** 1985 Aug 17;291(6493):463-4

Failure to thrive owing to inappropriate diet free of gluten and cows' milk. Tarnow-Mordi WO, et al. **Br Med J [Clin Res]** 1984 Oct 27;289(6452):1113-4

Enzyme replacement therapy for primary adult lactase deficiency. Effective reduction of lactose malabsorption and milk intolerance by direct addition of beta-galactosidase to milk at mealtime. Rosado JL, et al. **Gastroenterology** 1984 Nov;87(5):1072-82

The processing of whole milk powder from milk contaminated with 131I and its consequences for the environment. Mogot MF, et al. **Health Phys** 1984 Oct; 47(4):644-8

Secular trend in milk consumption and growth in Japan. Takahashi E. **Hum Biol** 1984 Sep;56(3):427-37

The debate about dietary fat in coronary heart disease is highly controversial [letter] Francis DE. **Hum Nutr Appl Nutr** 1984 Jun;38(3):230-1

Absorption of minocycline hydrochloride and tetracycline hydrochloride. Effect of food, milk, and iron. Leyden JJ. **J Am Acad Dermatol** 1985 Feb;12(2 Pt 1):308-12

Effect of dry matter intake from whole goat milk and calf milk replacer on performance of Nubian goat kids. Abrams E, et al. **J Dairy Sci** 1985 Jul;68(7):1748-51

Influence of feeding different amounts of milk on performance, health, and absorption capability of baby calves. Huber JT, et al. **J Dairy Sci** 1984 Dec; 67(12):2957-63

Ad libitum water intake by neonatal calves and its relationship to calf starter intake, weight gain, feces score, and season. Kertz AF, et al. **J Dairy Sci** 1984 Dec; 67(12):2964-9

Residues in young veal calves after consumption of milk containing penicillin. Prange RW, et al. **J Dairy Sci** 1984 Dec;67(12):2970-3

Wheat extract and milk mixture as a milk substitute for children with milk intolerance. Suthutvoravut U, et al. **J Diarrhoeal Dis Res** 1984 Sep;2(3):168-72

Use of nonfat dry milk to block nonspecific nuclear and membrane staining by avidin conjugates. Duhamel RC, et al. **J Histochem Cytochem** 1985 Jul;33(7):711-4

Copper deficiency in infants fed cow milk. Levy Y, et al. **J Pediatr** 1985 May;106(5):786-8

Fecal alpha 1-antitrypsin and infant feeding. Woodruff C, et al. **J Pediatr** 1985 Feb;106(2):228-32

Effect of fluoridated milk on caries: 5 year results. Bánóczy J, et al. **J R Soc Health** 1985 Jun;105(3):99-103

Tuberculosis in milch goats. van den Heever LW. **J S Afr Vet Assoc** 1984 Dec;55(4):219-20

Dietary treatment of acute diarrhea: comparison between cow's milk and a soy formula without disaccharides. Dagan R, et al. **J Trop Pediatr** 1984 Aug;30(4):221-4

Osmolality of rice water, dextrose-saline solution and formula milk--implication in the management of infantile gastroenteritis. Ho TF, et al. **J Trop Pediatr** 1985 Apr; 31(2):89-92

Treatment of infantile diarrhoea with standard oral rehydration solution and early introduction of milk feeds. Samadi AR, et al. **J Trop Pediatr** 1985 Jun;31(3):162-6

Reintroduction of milk feeds after gastroenteritis [letter] McDowell H, et al. **Lancet** 1985 Jul 6;2(8445):44

Reintroduction of milk feeds after gastroenteritis [letter] Walker-Smith JA. **Lancet** 1985 May 25;1(8439):1213

Fate of aflatoxin B-1 in fermented dairy products. Megalla SE, et al. **Mycopathologia** 1984 Oct 30;88(1):27-9

Effect of simultaneously ingested milk on phenytoin bioavailability. Dotson R, et al. **Neurology** 1985 Oct; 35(10):1526-7

Current issues in feeding the normal infant. **Pediatrics** 1985 Jan;75(1 Pt 2):135-215

Indices of protein metabolism in term infants fed human milk, whey-predominant formula, or cow's milk formula. Janas LM, et al. **Pediatrics** 1985 Apr;75(4):775-84

Comparison of methods for obtaining milk samples from well-nourished and malnourished rats. Fellows WD, et al. **Physiol Behav** 1984 Nov;33(5):761-3

In vivo milk digestion in the calf abomasum. III. Amino acid compositions of the digesta leaving the abomasum. Yvon M, et al. **Reprod Nutr Dev** 1985;25(3):495-504

[Assessment of bone mineralization and iron reserves in infants fed cow's milk and a follow-up formula] Tatò L, et al. **Minerva Pediatr** 1985 Feb 15;37(3):97-101 (Eng. Abstr.) **(Ita)**

[Relation between the immunologic reactivity of infants and their manner of feeding] Gutsul TL. **Pediatriia** 1984 Oct; (10):61-2 **(Rus)**

[Comparative evaluation of intestinal microflora in infants on artificial feeding with various milk formulas] Lugovskaia RK, et al. **Vopr Pitan** 1984 Jul-Aug;(4):29-33 (Eng. Abstr.) **(Rus)**

[Experimental evaluation of the biological value of propiono-acidophilus mixtures 'Maliutka' and 'Malysh'] Samigullina FI, et al. **Vopr Pitan** 1984 Sep-Oct;(5):70-2 **(Rus)**

[Biological evaluation, in rats and in humans, of a milk product without lactose, and of a soybean protein formula for use in protein-calorie malnutrition] Sotelo A, et al. **Arch Latinoam Nutr** 1984 Jun;34(2):333-42 (Eng. Abstr.) **(Spa)**

[Consumption, diet habits and nutritional status of the population of Reus (III): distribution, by age and sex, of the consumption of milk, milk products, visible vegetable fats and vegetables] Salas J, et al. **Med Clin (Barc)** 1985 Mar 30;84(12):470-5 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

Cow's milk, soya milk and goat's milk in a mother's diet causing eczema and diarrhoea in her breast fed infant. Cant AJ, et al. **Acta Paediatr Scand** 1985 May;74(3):467-8

Inhibition of eosinophils degranulation by Ketotifen in a patient with milk allergy, manifested as bronchial asthma--an electron microscopic study. Podleski WK, et al. **Agents Actions** 1984 Oct;15(3-4):177-81

Feeding intolerance following ophthalmologic examination. Hermansen MC, et al. **Am J Dis Child** 1985 Apr; 139(4):367-8

Infant feeding and gastrointestinal illness [editorial] Fomon SJ. **Am J Public Health** 1985 May;75(5):468-9

Infant formulas and gastrointestinal illness. Koopman JS, et al. **Am J Public Health** 1985 May;75(5):477-80

Milk fat and gastrointestinal illness. Koopman JS, et al. **Am J Public Health** 1984 Dec;74(12):1371-3

Oral cromolyn sodium in milk induced anaphylaxis. Jones EA Jr. **Ann Allergy** 1985 Mar;54(3):199-201

Research and development of infant formulae with reduced allergenic properties. Pahud JJ, et al. **Ann Allergy** 1984 Dec;53(6 Pt 2):609-14 (33 ref.)

Cow's milk and anemia in preterm infants. Halliday HL, et al. **Arch Dis Child** 1985 Jan;60(1):69-70

Milk- and soy protein-induced enterocolitis: evidence for lymphocyte sensitization to specific food proteins. Van Sickle GJ, et al. **Gastroenterology** 1985 Jun;88(6):1915-21

Does milk intolerance affect seronegative arthritis in lactase-deficient women? Ratner D, et al. **Isr J Med Sci** 1985 Jun;21(6):532-4

Penicillin hypersensitivity--is milk a significant hazard?: a review. Dewdney JM, et al. **J R Soc Med** 1984 Oct; 77(10):866-77 (37 ref.)

Juvenile rheumatoid arthritis and milk allergy. Ratner D, et al. **J R Soc Med** 1985 May;78(5):410-3

Leads from the MMWR. Milk-borne salmonellosis--Illinois. **JAMA** 1985 May 3;253(17):2483

Leads from the MMWR. Chronic diarrhea associated with raw milk consumption--Minnesota. **JAMA** 1984 Oct 19; 252(15):1996

Leads from the MMWR. Campylobacter outbreak associated with certified raw milk products--California. **JAMA** 1984 Nov 2;252(17):2386

Unpasteurized milk. The hazards of a health fetish. Potter ME, et al. **JAMA** 1984 Oct 19;252(15):2048-52

An outbreak of multiple-drug-resistant Salmonella enteritis from raw milk. Tacket CO, et al. **JAMA** 1985 Apr 12; 253(14):2058-60

Effects of milk ingestion on young children with cow's milk allergy. A clinical study. Hill DJ. **Med J Aust** 1984 Sep 1;141(5 Suppl):S26-9

Update: milk-borne salmonellosis--Illinois. **MMWR** 1985 Apr 19;34(15):215-6

Campylobacter outbreak associated with certified raw milk products--California. **MMWR** 1984 Oct 5;33(39):562

Milk-borne salmonellosis--Illinois. **MMWR** 1985 Apr 12; 34(14):200

Listeriosis and milk [editorial] Barza M. **N Engl J Med** 1985 Feb 14;312(7):438-40

Pasteurized milk as a vehicle of infection in an outbreak of listeriosis. Fleming DW, et al. **N Engl J Med** 1985 Feb 14;312(7):404-7

The role of allergy in diarrhea: cow's milk protein allergy. Gryboski JD. **Pediatr Ann** 1985 Jan;14(1):31-2, 33-4, 36

Barium enema findings (? segmental colitis) in four neonates with bloody diarrhea--possible cow's milk allergy. Swischuk LE, et al. **Pediatr Radiol** 1985;15(1):34-7

Development of food allergies with special reference to cow's milk allergy. Foucard T. **Pediatrics** 1985 Jan;75(1 Pt 2):177-81 (37 ref.)

Is bovine milk a health hazard? Oski FA. **Pediatrics** 1985 Jan;75(1 Pt 2):182-6 (41 ref.)

[Allergy to cows' milk with non-seasonal rhinitis as the only symptom] Fuglsang G. **Ugeskr Laeger** 1984 Nov 12; 146(46):3546-7 (Eng. Abstr.) **(Dan)**

[An unexpected severely allergic reaction to infant food in 2 children with known allergies to cow's milk and egg white] Arkesteijn CL, et al. **Ned Tijdschr Geneeskd** 1985 Jan 19;129(3):123-5 (Eng. Abstr.) **(Dut)**

[Clinical characteristics in 73 children with allergy to the proteins of cow's milk] Mancini S, et al. **Minerva Pediatr** 1985 Jan 31;37(1-2):49-52 (Eng. Abstr.) **(Ita)**

[D-xylose test in the diagnosis of intolerance to cow's milk] Tomecki R, et al. **Pol Arch Med Wewn** 1984 Nov; 72(5):267-71 (Eng. Abstr.) **(Pol)**

[Lactose intolerance as a clinical problem] Kryszewski A, et al. **Wiad Lek** 1984 Dec 15;37(24):1913-7 (Eng. Abstr.) **(Pol)**

[Human toxoplasmosis acquired by ingestion of goat's milk] Chiari C de A, et al. **Mem Inst Oswaldo Cruz** 1984 Jul-Sep; 79(3):337-40 (Eng. Abstr.) **(Por)**

[Prosobee as a substitute in a rice preparation] Michaličková J. **Cesk Pediatr** 1984 Jul;39(7):424-5 **(Slo)**

[2 cases of scrofula following the ingestion of milk (letter)] Monsó E, et al. **Med Clin (Barc)** 1984 Sep 15;83(7):308-9 **(Spa)**

ANALYSIS

Antimicrobial residues in milk. Comparison of different agar diffusion methods. Haapoja A, et al. **Acta Vet Scand** 1984; 25(2):250-9

A method for routine estimation of vitamin D activity in human and bovine milk. Parviainen MT, et al. **Acta Vitaminol Enzymol** 1984;6(3):211-9

Effect of thiocyanate levels in milk on thyroid function in iodine deficient subjects. Dahlberg PA, et al. **Am J Clin Nutr** 1985 May;41(5):1010-4

Manganese binding proteins in human and cow's milk. Lönnerdal B, et al. **Am J Clin Nutr** 1985 Mar;41(3):550-9

Biopterin and neopterin in various milks and infant formulas. Matsubara Y, et al. **Am J Clin Nutr** 1985 Jan;41(1):110-2

Metal-ion-dependent hydrophobic-interaction chromatography of alpha-lactalbumins. Lindahl L, et al. **Anal Biochem** 1984 Aug 1;140(2):394-402

Rapid extraction and detection of aflatoxin M1 in cow's milk by high-performance liquid chromatography and radioimmunoassay. Qian GS, et al. **Anal Chem** 1984 Oct; 56(12):2079-80

Determination of iodine-131 at low concentrations in formaldehyde-preserved milk. To KC, et al. **Anal Chem** 1985 Jun;57(7):1490-2

Zeeman-corrected graphite furnace atomic-absorption spectrometric screening method for the determination of lead in infant formulas and powdered milks. Andersen JR. **Analyst** 1985 Mar;110(3):315-6

Investigation of the 'satisfying' quality of infant formula milks. Brooke OG, et al. **Arch Dis Child** 1985 Jun; 60(6):577-9

When breast is not best. Thearle J. **Aust Fam Physician** 1985 Apr;14(4):305-8

The iodine status of grazing sheep as monitored by concentrations of iodine in milk. Azuolas JK, et al. **Aust Vet J** 1984 Jul;61(7):223-7

Iodine in milk of cows after intrauterine infusion of Lugol's solution. McCaughan CJ, et al. **Aust Vet J** 1984 Jun; 61(6):200-1

Comparison of human lactoferrins from milk and neutrophilic leucocytes. Relative molecular mass, isoelectric point, iron-binding properties and uptake by the liver. Moguilevsky N, et al. **Biochem J** 1985 Jul 15;229(2):353-9

The effects of colchicine and vincristine on the concentrations of glucose and related metabolites in goat's milk. Faulkner A, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):335-9

Characterization of two molecular species GD3 ganglioside from bovine buttermilk. Hauttecoeur B, et al. **Biochim Biophys Acta** 1985 Feb 8;833(2):303-7

Nature of micellar calcium phosphate in cows' milk as studied by high-resolution electron microscopy. Lyster RL, et al. **Biochim Biophys Acta** 1984 Sep 28;801(2):315-7

Radioimmunoassay of oestradiol-17 beta in cows' milk after its extraction on Sepharose-coupled antiserum: a study of specificity using high-pressure liquid chromatography. Abeyawardene SA, et al. **Br Vet J** 1985 Jul-Aug; 141(4):416-23

Concentrations of oestradiol-17 beta and progesterone in bovine plasma and defatted milk during the post-partum anovulatory period, during oestrous cycles and following ovariectomy. Abeyawardene SA, et al. **Br Vet J** 1984 Sep-Oct;140(5):458-67

Antibiotic residues in milk. Allison JR. **Br Vet J** 1985 Jan-Feb;141(1):9-16

The use of milk progesterone profiles for assessing the response to cloprostenol treatment of non-detected oestrus in dairy cattle. Ball PJ, et al. **Br Vet J** 1984 Nov-Dec; 140(6):543-9

Milk progesterone in Finnish dairy cows: a field study on the control of artificial insemination and early pregnancy. Laitinen J, et al. **Br Vet J** 1985 May-Jun;141(3):297-307

Residues of cypermethrin in milk from cows wearing impregnated ear tags. Braun HE, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):61-4

Alpha-methyldopa disposition in mothers with hypertension and in their breast-fed infants. White WB, et al. **Clin Pharmacol Ther** 1985 Apr;37(4):387-90

Variability in milk composition of the domestic ferret (Mustela putorius). Schoknecht PA, et al. **Comp Biochem Physiol [A]** 1985;81(3):589-91

Blue-green color and composition of Stejneger's beaked whale (Mesoplodon stejnegeri) milk. Ullrey DE, et al. **Comp Biochem Physiol [B]** 1984;79(3):349-52

The use of milk progesterone and electronic vaginal probes as aids in large dairy herd reproductive management. Cavestany D, et al. **Cornell Vet** 1985 Jul;75(3):441-53

Prostaglandin F2 alpha-induced estrus in open cows and presumed abortion in pregnant cows with unobserved estrus in a herd monitored by milk progesterone assay. Cavestany D, et al. **Cornell Vet** 1985 Jul;75(3):393-7

Maternal modulation of infantile ovarian development and available ovarian luteinizing hormone-releasing hormone (LHRH) receptors via milk LHRH. Smith SS, et al. **Endocrinology** 1984 Nov;115(5):1973-83

Mammary secretions in normal spontaneous and induced premature parturition in the mare. Leadon DP, et al. **Equine Vet J** 1984 Jul;16(4):256-9

The primary structure of alpha-lactalbumin from camel milk. Beg OU, et al. **Eur J Biochem** 1985 Mar 1;147(2):233-9

Microlipid droplets in milk secreting mammary epithelial cells: evidence that they originate from endoplasmic reticulum and are precursors of milk lipid globules. Deeney JT, et al. **Eur J Cell Biol** 1985 Jul;38(1):16-26

Mare lactotransferrin: purification, analysis and N-terminal sequence determination. Jollès J, et al. **FEBS Lett** 1984 Oct 15;176(1):185-8

A survey of the occurrence of aflatoxin M1 in UK-produced milk for the period 1981-1983. Gilbert J, et al. **Food Addit Contam** 1984 Jan-Mar;1(1):23-8

Excretion of penicillins in bovine milk following intramuscular administration. Moretain JP, et al. **Food Addit Contam** 1984 Oct-Dec;1(4):349-58

N-nitrosoproline excretion in urine, faeces and milk from cows in relation to feed composition. van Broekhoven LW, et al. **IARC Sci Publ** 1984;(57):205-12

Effects of colchicine on milk yield, composition, and cellular differentiation during caprine lactogenesis. Sordillo LM, et al. **Int J Biochem** 1984;16(11):1135-41

Vitamin D, 25-hydroxy-vitamin D and 1,25-dihydroxy-vitamin D in cow's milk, infant formulas and breast milk during different stages of lactation. Kunz C, et al. **Int J Vitam Nutr Res** 1984;54(2-3):141-8

Nutrient intake in the United States during the first 12 months of life. Martinez GA, et al. **J Am Diet Assoc** 1985 Jul; 85(7):826-30

Isolation of lactoferrin and its concentration in sows' colostrum and milk during a 21-day lactation. Elliot JI, et al. **J Anim Sci** 1984 Oct;59(4):1080-4

A note on an antimicrobial agent in disc paper and a modified assay procedure for detecting antimicrobials in milk. Goodman GD, et al. **J Appl Bacteriol** 1985 Apr;58(4):351-4

Improved liquid chromatographic determination of riboflavin in milk and dairy products. Ashoor SH, et al. **J Assoc Off Anal Chem** 1985 Jul-Aug;68(4):693-6

Improved cleanup for liquid chromatographic analysis and fluorescence detection of aflatoxins M1 and M2 in fluid milk products. Ferguson-Foos J, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1111-4

Fractionation of radioactivity in the milk of goats administered 14C-aflatoxin B1. Goto T, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):456-8

Liquid chromatographic determination of vitamins D2 and D3 in fortified milk and infant formulas. Landen WO Jr. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):183-7

Comparison of Carr-Price analysis and liquid chromatographic analysis for vitamin A in fortified milk. Mills RS. **J Assoc Off Anal Chem** 1985 Jan-Feb;68(1):56-8

Liquid chromatographic determination of vitamin D in milk and infant formula. Sertl DC, et al. **J Assoc Off Anal Chem** 1985 Mar-Apr;68(2):177-82

Inventory of IDF/ISO/AOAC adopted methods of analysis for milk and milk products. Tuinstra-Lauwaars M, et al. **J Assoc Off Anal Chem** 1984 Nov-Dec;67(6):1152-71

Rapid reverse phase liquid chromatographic determination of aflatoxin M1 in milk. Yousef AE, et al. **J Assoc Off Anal Chem** 1985 May-Jun;68(3):462-5

Characterization of an apically derived epithelial membrane glycoprotein from bovine milk, which is expressed in capillary endothelia in diverse tissues. Greenwalt DE, et al. **J Cell Biol** 1985 Feb;100(2):397-408

Analysis of phospholipids in cow's milk by high-temperature injection gas chromatography and high-performance liquid chromatography. Caboni MF, et al. **J Chromatogr** 1984 Dec 19;315:223-31

Rapid Extrelut column method for determination of levamisole in milk using high-performance liquid chromatography. Osterdahl BG, et al. **J Chromatogr** 1985 Jan 11;337(1):151-5

The 31P nuclear magnetic resonance spectrum of cows' milk. Belton PS, et al. **J Dairy Res** 1985 Feb;52(1):47-54

Structure of the triacyl-sn-glycerols in the plasma and milk of the rat and rabbit. Christie WW. **J Dairy Res** 1985 Feb; 52(1):219-22

Iodine concentrations in milk from iodophor teat dips. Berg JN, et al. **J Dairy Sci** 1985 Feb;68(2):457-61

Comparison of electrical conductivity of milk with other indirect methods for detection of subclinical mastitis. Fernando RS, et al. **J Dairy Sci** 1985 Feb;68(2):449-56

Dye marked antibiotics for lactating cow mastitis therapy. Novak NF, et al. **J Dairy Sci** 1984 Aug;67(8):1841-9

Comparison of total and free cortisol in bovine serum and milk or colostrum. Shutt DA, et al. **J Dairy Sci** 1985 Jul; 68(7):1832-4

Effect of automatic backflushing on number of new intramammary infections, bacteria on teatcup liners, and milk iodine. Smith TW, et al. **J Dairy Sci** 1985 Feb; 68(2):424-32

High-performance liquid chromatographic determination of vitamin D3 in bovine colostrum, early and later milk. Okano T, et al. **J Nutr Sci Vitaminol (Tokyo)** 1984 Oct; 30(5):431-9

Variability in osmolality of home prepared formula milk samples. Ho TF, et al. **J Trop Pediatr** 1985 Apr;31(2):92-4

Furazolidone concentrations in plasma, milk and some tissues of Nubian goats. Mustafa AI, et al. **J Vet Pharmacol Ther** 1985 Jun;8(2):190-3

Intestinal transport of manganese from human milk, bovine milk and infant formula in rats. Chan WY, et al. **Life Sci** 1984 Dec 10;35(24):2415-9

Quantitation of bovine beta 2-microglobulin: occurrence in body fluids, on milk fat globules and origin in milk. Pringnitz DJ, et al. **Mol Immunol** 1985 Jul;22(7):779-86

The composition of Karadi ewe's and goat's milk. Abo-Elnaga IG, et al. **Nahrung** 1985;29(2):197-200

The fatty acid composition of Iraqi ewe's, goat's and cow's milk fat. Abo-Elnaga IG, et al. **Nahrung** 1985;29(3):241-5

Size distribution of casein micelles during milk coagulation. Omar MM. **Nahrung** 1985;29(2):119-24

Determination of nitrates in milk by ion-chromatography. Vláčil F, et al. **Nahrung** 1985;29(5):467-72

Growth-promoting factors in mammalian milks. **Nutr Rev** 1984 Nov;42(11):389-91 (11 ref.)

How to meet the lipid requirements of the premature infant. Heim T. **Pediatr Clin North Am** 1985 Apr;32(2):289-317 (58 ref.)

Epidermal growth factor in mouse milk during early lactation: lack of dependency on submandibular glands. Grueters A, et al. **Pediatr Res** 1985 Aug;19(8):853-6

A longitudinal study of rhesus monkey (Macaca mulatta) milk composition: trace elements, minerals, protein, carbohydrate, and fat. Lönnerdal B, et al. **Pediatr Res** 1984 Sep;18(9):911-4

Lipids in milk and the first steps in their digestion. Hamosh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):146-50 (25 ref.)

Nutrient intakes of formula-fed infants and infants fed cow's milk. Montalto MB, et al. **Pediatrics** 1985 Feb;75(2):343-51

Evidence for physiological function of epidermal growth factor: pregestational sialoadenectomy of mice decreases milk production and increases offspring mortality during lactation period. Okamoto S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6059-63

Thyroxine and triiodothyronine in milk of cows, goats, sheep, and guinea pigs. Akasha M, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):360-71

The effects of vincristine on milk secretion and milk composition in the goat. Henderson AJ, et al. **Q J Exp Physiol** 1985 Jan;70(1):15-22

Milk progesterone radioimmunoassay using radioiodinated tracers: a rapid and reliable assay system. Espinosa J, et al. **Steroids** 1984 Sep;44(3):217-28

A double antibody radioimmunoassay for free and conjugated estradiol-17 beta in cow's milk. Saumande J, et al. **Steroids** 1984 Aug;44(2):137-52

Fonofos toxicosis and milk residues in dairy cattle. Cook WO, et al. **Vet Hum Toxicol** 1985 Aug;27(4):281-2

Index Lists provided by the VAMPP computer programme for dairy herd health and production control. I. Interpretation and analysis of data on Index List 1. Noordhuizen JP, et al. **Vet Q** 1985 Jan;7(1):3-10

A source of antibiotic residues in milk [letter] Guard PW, et al. **Vet Rec** 1985 Mar 16;116(11):302

Composition of milk from Ailuropoda melanoleuca, the giant panda. Hudson GJ, et al. **Vet Rec** 1984 Sep 8;115(10):252

Rapid determination of chlorobutanol in milk by glass capillary gas chromatography. Van Rillaer WG, et al. **Z Lebensm Unters Forsch** 1984 Jun;178(6):465-7

[Submucosal vestibulo-vaginal administration of cloprostenol (Oestrophan-Spofa) in cows in relation to estrus activity, conception, and the level of progesterone in milk] Holý L. **Vet Med (Praha)** 1984 Sep;29(9):513-9 (Eng. Abstr.) **(Cze)**

[Low-fat milk syndrome] Komárek J, et al. **Vet Med (Praha)** 1985 Feb;30(2):73-81 (Eng. Abstr.) **(Cze)**

[The riboflavin (vitamin B2) content of milk] Van Renterghem R. **Arch Belg** 1984;42(5-6):339-48 (Eng. Abstr.) **(Dut)**

[Progesterone in mare's milk: suitable for early pregnancy detection?] Borst GH, et al. **Tijdschr Diergeneeskd** 1985 May 15;110(10):400-1 (Eng. Abstr.) **(Dut)**

[Progesterone determination in milk] Smidt WJ. **Tijdschr Diergeneeskd** 1985 May 1;110(9):361-2 (Eng. Abstr.) **(Dut)**

[The quantitative determination of protein content in milk by means of ultraviolet spectrophotometry. 2. The suitability of the difference of absorbance at 235 and 280 nm for quantitative milk protein analysis] Reichardt W, et al. **Nahrung** 1984;28(10):1019-27 (Eng. Abstr.) **(Ger)**

[Diagnosis of pregnancy in cows based on progesterone determination in milk performed 3 times] Döbeli M, et al. **Schweiz Arch Tierheilkd** 1984 Aug;126(8):399-407 (Eng. Abstr.) **(Ger)**

[Vitamin D sterol in human milk, cow's milk and baby food] Kunz C, et al. **Z Ernahrungswiss** 1985 Mar;24(1):44-53 (Eng. Abstr.) **(Ger)**

[Concentration of trace elements in maternal milk, powdered and cow's milk. Considerations on current metabolic and physiologic knowledge] Caramia G, et al. **Minerva Pediatr** 1984 Sep 15;36(17):817-23 (Eng. Abstr.) **(Ita)**

[Aflatoxin M1 in milk and milk products] Amodio R, et al. **Nuovi Ann Ig Microbiol** 1983 May-Jun;34(3):203-7 (Eng. Abstr.) **(Ita)**

[Determination of organophosphate insecticide residues in milk] Ludwicki J. **Rocz Panstw Zakl Hig** 1984;35(3):243-6 (Eng. Abstr.) **(Pol)**

[Present knowledge about the content and importance of hormones in milk] Strbák V. **Cas Lek Cesk** 1984 Jul 6; 123(27):817-21 (Eng. Abstr.) **(Slo)**

[The level of total amino acids in cow's milk and its relation to milk production] Gabriš J, et al. **Vet Med (Praha)** 1984 Oct;29(10):593-600 **(Slo)**

[Free amino acids of various lacteal formulas used in Spain] Periago JL, et al. **An Esp Pediatr** 1984 Nov 15;21(7):635-41 (Eng. Abstr.) **(Spa)**

[The selenium content of milk] Norrman E. **Nord Vet Med** 1984 Sep-Oct;36(9-10):296-304 (Eng. Abstr.) **(Swe)**

CYTOLOGY

Cell counts in bovine milk. Causes of variation and applicability for diagnosis of subclinical mastitis. Brolund L. **Acta Vet Scand [Suppl]** 1985;80:1-123

Isolation of mononuclear cells from bovine milk by continuous-flow and density gradient centrifugation: response of cells to mitogens. Nonnecke BJ, et al. **Am J Vet Res** 1985 Jun;46(6):1259-62

Direct enumeration of milk somatic cells collected on membrane filters. Sedinová V, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):884-93

The effect polyethylene intramammary devices on the somatic cell count and milk production of dairy cows.

Stephens LR, et al. **Aust Vet J** 1984 Jul;61(7):229-30

Somatic cell counts: associated factors and relationship to production. Salsberg E, et al. **Can J Comp Med** 1984 Jul; 48(3):251-7

Relationships between somatic cell counts and milk production. Jones GM, et al. **J Dairy Sci** 1984 Aug; 67(8):1823-31

Phenotypic and genetic statistics of components of milk and two measures of somatic cell concentration. Manfredi EJ, et al. **J Dairy Sci** 1984 Sep;67(9):2028-33

Genetic and phenotypic statistics of lactation cell counts in different lactations of Holstein cows. Monardes HG, et al. **J Dairy Sci** 1985 Jun;68(6):1449-55

Heritability of lactation cell count measures and their relationships with milk yield and composition in Ayrshire cows. Monardes HG, et al. **J Dairy Sci** 1984 Oct; 67(10):2429-35

[Relation of the count of somatic cells in tank samples to the incidence of contagious mastitis on large farms] Pastrnková M, et al. **Vet Med (Praha)** 1984 Oct; 29(10):577-81 (Eng. Abstr.) **(Cze)**

[Determination of the number of somatic cells in milk using the rapid diphenylamine DNA filter method] Sedinová V, et al. **Vet Med (Praha)** 1985 Aug;30(8):467-75 (Eng. Abstr.) **(Cze)**

[Use of the Synpor membrane filter for the separation and determination of the number of somatic cells in the milk of dairy cows using the indole DNA filtration method] Urbanová E, et al. **Vet Med (Praha)** 1985 Jul;30(7):409-18 (Eng. Abstr.) **(Cze)**

DRUG EFFECTS

Effect of ACTH and oxytocin treatment on lactoferrin and citrate in cows' milk. Thomas AS, et al. **J Dairy Res** 1985 Aug;52(3):379-89

Blood and milk lipid responses induced by growth hormone administration in lactating cows. Bitman J, et al. **J Dairy Sci** 1984 Dec;67(12):2873-80

Influences of methionine hydroxy analog on milk and milk fat production, blood serum lipids, and plasma amino acids. Huber JT, et al. **J Dairy Sci** 1984 Nov;67(11):2525-31

Temperature and milk composition responses to infusion of E. coli LPS and S. aureus vaccines in the goat. Jarman RF, et al. **Zentralbl Veterinarmed [A]** 1984 Dec; 31(10):740-50

ENZYMOLOGY

Identification and partial characterization of the xanthine oxidase transitions of the milk fat globule membrane. Burnier RC, et al. **Arch Biochem Biophys** 1985 Jul; 240(1):60-9

Diagnosis of bovine subclinical mastitis by determination of lysozyme level in milk. Farid A, et al. **Arch Exp Veterinarmed** 1984 Nov;38(6):857-62

The amino acid sequence of equine milk lysozyme. McKenzie HA, et al. **Biochem Int** 1985 Jan;10(1):23-31

Resonance Raman studies of the flavin and iron-sulfur centers of milk xanthine oxidase. Willis LJ, et al. **Biochemistry** 1985 May 21;24(11):2768-72

The effect of acidic lipids on the activity of bovine milk galactosyltransferase in vesicles of different phosphatidylethanolamines. Mitranic MM, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):182-6

Comparison of acyl-oxyester and acyl-thioester lipids as substrates for bovine milk lipoprotein lipase. Shinomiya M, et al. **Biochim Biophys Acta** 1984 Sep 12;795(2):212-20

Kinetics of human and bovine milk lipoprotein lipase and the mechanism of enzyme activation by apolipoprotein C-II. Posner I, et al. **Comp Biochem Physiol [B]** 1985; 80(1):171-4

Interaction of galactosyltransferase with alpha-lactalbumin and substrates. Takase K, et al. **Curr Top Cell Regul** 1984; 24:51-62

31P nuclear magnetic resonance and chemical studies of the phosphorus residues in bovine milk xanthine oxidase. Davis MD, et al. **Eur J Biochem** 1984 Dec 3;145(2):237-43

Apolipoprotein effects on the lipolysis of perfused triglyceride by heparin-immobilized milk lipase. Clark AB, et al. **J Biol Chem** 1985 Apr 25;260(8):4778-83

Spectroscopic studies on the iron-sulfur centers of milk xanthine oxidase. Hille R, et al. **J Biol Chem** 1985 Sep 5; 260(19):10569-75

Monoclonal antibodies to bovine milk lipoprotein lipase. Evidence for proteolytic degradation of the native enzyme. Socorro L, et al. **J Biol Chem** 1985 May 25;260(10):6324-8

Monoclonal antibodies against bovine milk lipoprotein lipase. Characterization of an antibody specific for the apolipoprotein C-II binding site. Voyta JC, et al. **J Biol Chem** 1985 Jan 25;260(2):893-8

Bovine milk lipoprotein lipase transfers tocopherol to human fibroblasts during triglyceride hydrolysis in vitro. Traber MG, et al. **J Clin Invest** 1985 May;75(5):1729-34

Lipolysis and the distribution of lipase activity in bovine milk in relation to stage of lactation and time of milking. Ahrné L, et al. **J Dairy Res** 1985 Feb;52(1):55-64

Proteolysis in milk: the significance of proteinases originating from milk leucocytes and a comparison of the action of leucocyte, bacterial and natural milk proteinases on casein. Grieve PA, et al. **J Dairy Res** 1985 Feb;52(1):101-12

Milk antitrypsin as a marker of bovine mastitis--correlation with bacteriology. Mattila T, et al. **J Dairy Sci** 1985 Jan; 68(1):114-22

A prostatic-like acid phosphatase is present in human lactating milk. Podhajcer OL, et al. **Mol Cell Biochem** 1985 Feb;66(1):39-43

Plasminogen activator activity in secretions from clinically normal, mastitic, lactating and dried-off udders of dairy cows. Kowalski ZE, et al. **Onderstepoort J Vet Res** 1984 Sep;51(3):209-12

Diurnal course of the suitability of serum samples obtained from normal subjects and from patients with primary endogenous hypertriglyceridaemia to serve as substrate for milk lipoprotein lipase. Mirani-Oostdijk CP, et al. **Scand J Clin Lab Invest** 1985 May;45(3):207-15

In vivo proteolytic activity of the mammary gland. Contribution to the origin of secretory component, beta 2-microglobulin and bovine-associated mucoprotein (BAMP) in cows milk. Pringnitz DJ, et al. **Vet Immunol Immunopathol** 1985 Jun;9(2):143-60

[The physiological and diagnostic importance of lysozyme in cow's milk] Grün E. **Allerg Immunol (Leipz)** 1985; 31(1):3-15 (Eng. Abstr.) **(Ger)**

[Characteristic features of the function of the NAD+- and NADP+-dehydrogenase systems in the milk of cows with different levels of milk production] Koïianongo FD, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):399-403 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

A double-protease-resistant variant of transmissible gastroenteritis virus and its ability to induce lactogenic immunity. Chen KS, et al. **Am J Vet Res** 1985 Aug; 46(8):1632-6

Enzyme-linked immunosorbent assay for detection of milk immunoglobulins to leukocidin toxin of Staphylococcus aureus. Loeffler DA, et al. **Am J Vet Res** 1985 Aug; 46(8):1728-32

The role of colostrum and milk in protection of the neonatal mouse against peripheral infection with Ross River virus. Brief report. Milner AR, et al. **Arch Virol** 1984; 82(1-2):101-4

IgE and IgG4 antibodies to bovine milk fat globule membrane in atopic eczema patients: a study of their occurrence, relevance and antigenic specificity. Shakib F, et al. **Clin Allergy** 1985 May;15(3):265-71

Immunology of pouch young marsupials. I. Levels of immunoglobulin transferrin and albumin in the blood and milk of euros and wallaroos (hill kangaroos: Macropus robustus, marsupialia). Deane EM, et al. **Dev Comp Immunol** 1984 Fall;8(4):863-76

Immunoreactive and biologically active somatostatin in human and sheep milk. Werner H, et al. **Eur J Biochem** 1985 Apr 15;148(2):353-7

Affinity of antibody at a secretory site in the rat. Cox DS, et al. **Immunol Invest** 1985 Apr;14(2):151-9

Immunoglobulin D in rat serum, saliva and milk. Steele MG, et al. **Immunology** 1985 Aug;55(4):571-7

Effect of immune complexes from mastitic milk on blocking of Fc receptors and phagocytosis. Targowski SP, et al. **Infect Immun** 1985 Feb;47(2):484-8

Bovine IgG and human immune responses: Con A-induced mitogenesis of human mononuclear cells is suppressed by bovine IgG. Kulczycki A Jr, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):255-8

beta-Casomorphin immunoreactive materials in cows' milk incubated with various bacterial species. Hamel U, et al. **J Dairy Res** 1985 Feb;52(1):139-48

Influence of maternal immunity on the outcome of murine coronavirus JHM infection in suckling mice. Pickel K, et al. **Med Microbiol Immunol (Berl)** 1985;174(1):15-24

Antibody to human rotavirus in cow's milk. Yolken RH, et al. **N Engl J Med** 1985 Mar 7;312(10):605-10

Inhibition of adhesion of Escherichia coli K88 antigen by mammary secretions of susceptible and resistant sows. Sellwood R. **Vet Microbiol** 1984 Sep;9(5):477-86

Vaccination of cows with K 99 and rotavirus antigen: potency of K 99 antigen combined with different adjuvants in stimulating milk antibody secretion. Bachmann PA, et al. **Zentralbl Veterinarmed [B]** 1984 Oct;31(9):660-8

[Comparative studies of blood sera and lactosera by agar gel precipitation (AGP) in enzootic leukemia in cows] Arnaudov Kh, et al. **Vet Med Nauki** 1984;21(9):7-11 (Eng. Abstr.) **(Bul)**

[Comparative serological studies of blood and milk samples for the diagnosis of enzootic leukosis in cattle using AGIDT and ELISA] Bauer T, et al. **DTW** 1984 Sep 7; 91(9):313-4, 317 (Eng. Abstr.) **(Ger)**

METABOLISM

The effect of individual components of soy formula and cows' milk formula on zinc bioavailability. Lönnerdal B, et al. **Am J Clin Nutr** 1984 Nov;40(5):1064-70

Lactose malabsorption from yogurt, pasteurized yogurt, sweet acidophilus milk, and cultured milk in lactase-deficient individuals. Savaiano DA, et al. **Am J Clin Nutr** 1984 Dec;40(6):1219-23

Dietary manipulation of postprandial colonic lactose fermentation: I. Effect of solid foods in a meal. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):199-208

Effective in vivo hydrolysis of milk lactose by beta-galactosidases in the presence of solid foods. Solomons NW, et al. **Am J Clin Nutr** 1985 Feb;41(2):222-7

Gastric emptying of milk in rat pups. Lorenz DN. **Am J Physiol** 1985 Jun;248(6 Pt 2):R732-8

Arachidonic acid metabolites in milk of cows during acute coliform mastitis. Anderson KL, et al. **Am J Vet Res** 1985 Jul;46(7):1573-7

Distribution of aztreonam into fetuses and milk of rats. Singhvi SM, et al. **Antimicrob Agents Chemother** 1984 Aug; 26(2):132-5

Xanthine oxidase in rabbit plasma after application of a bovine milk preparation to small intestine. Schoutsen B, et al. **Arch Int Physiol Biochim** 1984 Dec;92(5):379-84

Gastric lipolysis of milk lipids in suckling rats. Bitman J, et al. **Biochim Biophys Acta** 1985 Mar 27;834(1):58-64

Hepatic mixed function oxidases and cytochrome P-450 contents in rat pups exposed to di-(2-ethylhexyl)phthalate through mother's milk. Parmar D, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):368-70

Evidence for the direct transfer of corticosteroid-binding globulin from plasma to whey in the guinea pig. Kato EA, et al. **Endocrinology** 1985 Oct;117(4):1404-8

Corticosterone concentrations in the serum and milk of lactating rats: parallel changes after induced stress. Yeh KY. **Endocrinology** 1984 Oct;115(4):1364-70

Identification and characterization of the principal proteins of the fat-globule membrane from guinea-pig milk. Johnson VG, et al. **Eur J Biochem** 1985 Sep 2;151(2):237-44

Morphological and biochemical characterization of possible intracellular precursors of milk lipid globules. Dylewski DP, et al. **Eur J Cell Biol** 1984 Sep;35(1):99-111

Neonatal and maternal body burdens of hexachlorobenzene (HCB) in mice: gestational exposure and lactational transfer. Courtney KD, et al. **Fundam Appl Toxicol** 1985 Apr;5(2):265-77

Placenta and milk as excretory routes of lipophilic pesticides in women. Siddiqui MK, et al. **Hum Toxicol** 1985 May; 4(3):249-54

Mammary transfer of vitamin D3 in the rabbit doe. Hidiroglou M, et al. **Int J Vitam Nutr Res** 1985;55(1):35-9

Role of oxygen radicals in the bacteriostatic effect of whey and production of bacterial growth by free radical scavengers. Mattila T. **J Dairy Res** 1985 Feb;52(1):149-57

Effects of feeding whole cottonseed on composition of milk. DePeters EJ, et al. **J Dairy Sci** 1985 Apr;68(4):897-902

Measures of de novo synthesis of milk components from propionate in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1985 Feb;68(2):312-9

Kinetics of methionine and choline and their incorporation into plasma lipids and milk components in lactating goats. Emmanuel B, et al. **J Dairy Sci** 1984 Sep;67(9):1912-8

Aspects of intracellular transit of serum and lipid phases of milk. Keenan TW, et al. **J Dairy Sci** 1985 Apr; 68(4):1025-40 (60 ref.)

Changes of luteinizing hormone and progesterone for dairy cows after gonadotropin-releasing hormone at first postpartum breeding. Lee CN, et al. **J Dairy Sci** 1985 Jun; 68(6):1463-70

Biochemical and antibacterial properties of bovine mammary secretion during mammary involution and at parturition. Nonnecke BJ, et al. **J Dairy Sci** 1984 Dec;67(12):2863-72

Prolactin in blood plasma and milk of buffalo during estrous cycle and early pregnancy. Pahwa GS, et al. **J Dairy Sci** 1984 Sep;67(9):2001-5

Nontransmission of deoxynivalenol (vomitoxin) to milk following oral administration to dairy cows. Prelusky DB, et al. **J Environ Sci Health [B]** 1984 Oct;19(7):593-609

Zinc metabolism in lethal-milk mice. Otolith, lactation, and aging effects. Erway LC, et al. **J Hered** 1984 Nov-Dec; 75(6):480-4

Vitamin A during lactation: relationship of maternal diet to milk vitamin A content and to the vitamin A status of lactating rats and their pups. Davila ME, et al. **J Nutr** 1985 Aug;115(8):1033-41

Calcium binding by alpha-lactalbumin in human milk and bovine milk. Lönnerdal B, et al. **J Nutr** 1985 Sep; 115(9):1209-16

Precocious increase of sucrase activity by carbohydrates in the small intestine of suckling rats. II. Role of digestibility of sugars, osmolality, and stomach evacuation in producing diarrhea. Goda T, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):634-8

The effect of exposure to diazepam through the placenta or through the mother's milk. Histological findings in slices of rat brain. Frieder B, et al. **Neuropharmacology** 1984 Sep; 23(9):1099-104

N-acetylneuramin lactose sulfate: a newly identified nutrient in milk. Sturman JA, et al. **Pediatr Res** 1985 Feb; 19(2):216-9

Addition of sorbitol to a milk substitute for veal calves. I. Effects on health, growth and feed conversion. Bauchart D, et al. **Reprod Nutr Dev** 1985;25(2):399-409

Aluminum bioavailability and disposition in adult and immature rabbits. Yokel RA, et al. **Toxicol Appl Pharmacol** 1985 Feb;77(2):344-52

Performance and progesterone and oestradiol-17 beta concentrations in fat-free milk of a cow with a cystic ovarian follicle. Roy JH, et al. **Vet Rec** 1985 Apr 6; 116(14):370-1

[Protein assimilation from starch- and dextrin-containing infant foods with a cow's milk base] Heine W, et al. **Kinderarztl Prax** 1984 Sep;52(9):428-32 (Eng. Abstr.) **(Ger)**

[Effect of subclinical mastitis on beta-carotene levels in cow's milk] Ozpinar H, et al. **Zentralbl Veterinarmed** [A] 1984 Oct;31(9):705-11 (Eng. Abstr.) **(Ger)**

[Absorption, distribution, metabolism and excretion of bacmecillinam. II. The placental transfer and transition into milk of 14C-bacmecillinam] Kobayashi S, et al. **Jpn J Antibiot** 1985 Apr;38(4):1102-6 (Eng. Abstr.) **(Jpn)**

[Proteolytic activity of the rat stomach in early ontogenesis during artificial feeding with milk substitutes] Stan EIa, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):78-82 (Eng. Abstr.) **(Rus)**

[Absorption of iron from milk enriched with ferrous sulfate for the prevention of anemia in pregnancy] Grebe G, et al. **Rev Med Chil** 1984 Dec;112(12):1195-200 (Eng. Abstr.) **(Spa)**

MICROBIOLOGY

The survival of Staphylococcus epidermidis in raw milk with different somatic cell count. Bassalik-Chabielska L, et al. **Acta Microbiol Pol** 1985;34(2):159-65

Mastitis whey--a good medium for bacteria? Maisi P, et al. **Acta Vet Scand** 1984;25(2):297-308

Alleviation of lactose malabsorption from sweet acidophilus milk [letter] McDonough FE, et al. **Am J Clin Nutr** 1985 Aug;42(2):345-6

Efficacy of the API Staph-Ident system for identification of Staphylococcus species from milk. Jasper DE, et al. **Am J Vet Res** 1985 Jun;46(6):1263-7

Staphylococcus sciuri subsp lentus associated with goat mastitis. Poutrel B. **Am J Vet Res** 1984 Oct;45(10):2084-5

Immunochemical study of triton X-100-soluble surface components of slime-forming, encapsulated Streptococcus cremoris from the fermented milk product viili. Kontusaari SI, et al. **Appl Environ Microbiol** 1985 Jul;50(1):174-6

Natural infection of Swiss mice with mouse mammary tumor virus (MMTV): viral expression in milk and transmission of infection. Hainaut P, et al. **Arch Virol** 1985; 83(3-4):195-206

Isolation of Fusobacterium necrophorum from a case of bovine mastitis. McGillivery DJ, et al. **Aust Vet J** 1984 Oct;61(10):325

Isolation of Mycoplasma bovis from bulk milk. Kunkel JR. **Cornell Vet** 1985 Jul;75(3):398-400

Oral transmission of human T-cell leukemia virus type-I into a common marmoset (Callithrix jacchus) as an experimental model for milk-borne transmission. Yamanouchi K, et al. **Gann** 1985 Jun;76(6):481-7

Isolation of Yersinia enterocolitica from milk and milk products in Zaria, Nigeria. Umoh VJ, et al. **Int J Zoonoses** 1984 Dec;11(2):223-8

Collaborative study on the isolation of salmonella from artificially contaminated milk powder. Beckers HJ, et al. **J Appl Bacteriol** 1985 Jul;59(1):35-40

The effect of udder infection on the bacterial flora of the bulk milk of ten dairy herds. Bramley AJ, et al. **J Appl Bacteriol** 1984 Oct;57(2):317-23

Isolation, screening and characterization of thermophilic Bacillus species isolated from dairy products. Chopra AK, et al. **J Appl Bacteriol** 1984 Oct;57(2):263-71

Psychrotrophic bacterial flora of raw ewes' milk, with particular reference to gram negative rods. Nuñez JA, et al. **J Appl Bacteriol** 1984 Aug;57(1):23-9

Use of the Direct Epifluorescent Filter Technique for predicting the keeping quality of pasteurized milk within 24 hours. Rodrigues UM, et al. **J Appl Bacteriol** 1984 Aug; 57(1):125-30

Protective effect of casein toward Salmonella typhimurium in acid-milk. Rubin HE. **J Appl Bacteriol** 1985 Mar; 58(3):251-5

Scanning electron microscopy of dairy equipment surfaces contaminated by two milk-borne micro-organisms. Speers JG, et al. **J Appl Bacteriol** 1984 Aug;57(1):139-45

Relationships among the results of coagulase, staphylococcal toxin, and thermonuclease tests on staphylococci from cow milk. Jasper DE, et al. **J Clin Microbiol** 1985 Apr; 21(4):582-4

Identification of Staphylococcus species of bovine origin with the DMS Staph-Trac system. Langlois BE, et al. **J Clin Microbiol** 1984 Aug;20(2):227-30

Serotyping and serology studies of campylobacteriosis associated with consumption of raw milk. Vogt RL, et al. **J Clin Microbiol** 1984 Nov;20(5):998-1000

An examination of teat drying with disinfectant impregnated cloths on the bacteriological quality of milk and on the transfer of Streptococcus agalactiae before milking. McKinnon CH, et al. **J Dairy Res** 1985 Aug;52(3):355-9

Importance of bile tolerance of Lactobacillus acidophilus used as a dietary adjunct. Gilliland SE, et al. **J Dairy Sci** 1984 Dec;67(12):3045-51

Enterobacter sakazakii: a tween 80 esterase-positive representative of the genus Enterobacter isolated from powdered milk specimens. Postupa R, et al. **J Hyg Epidemiol Microbiol Immunol** 1984;28(4):435-40

Evidence of udder excretion of Campylobacter jejuni as the cause of milk-borne campylobacter outbreak. Hutchinson DN, et al. **J Hyg (Lond)** 1985 Apr;94(2):205-15

Microbiological aspects of goat's milk. A Public Health Laboratory Service survey. Roberts D. **J Hyg (Lond)** 1985 Feb;94(1):31-44

A search for the source of Campylobacter jejuni in milk. Waterman SC, et al. **J Hyg (Lond)** 1984 Oct;93(2):333-7

Corynebacterium ulcerans infection associated with untreated milk. Bostock AD, et al. **J Infect** 1984 Nov;9(3):286-8

Isolation of Campylobacter jejuni from milk during an outbreak of campylobacteriosis [letter] Hudson PJ, et al. **J Infect Dis** 1984 Nov;150(5):789

A point-source outbreak of campylobacteriosis associated with consumption of raw milk. Korlath JA, et al. **J Infect Dis** 1985 Sep;152(3):592-6

Bacteriostatic qualities of human milk. Pittard WB 3d, et al. **J Pediatr** 1985 Aug;107(2):240-3

Prevalence and types of bacteria associated with subclinical mastitis in Bloemfontein dairy herds. Swartz R, et al. **J S Afr Vet Assoc** 1984 Jun;55(2):61-4

Campylobacter enteritis associated with consumption of raw goat's milk [letter] Hutchinson DN, et al. **Lancet** 1985 May 4;1(8436):1037-8

Bacteria and food poisoning organisms in milk. Abo-Elnaga IG, et al. **Nahrung** 1985;29(4):375-80

Some features of coagulase positive staphylococci from bovine milk. 1. Carbohydrate metabolism: comparison of conventional techniques and the API 50 CH system. Erasmus JA. **Onderstepoort J Vet Res** 1985 Mar;52(1):25-9

Desperately seeking Salmonella in Illinois [news] Sun M. **Science** 1985 May 17;228(4701):829-30

Illinois traces cause of Salmonella outbreak [news] Sun M. **Science** 1985 May 24;228(4702):972-3

S typhimurium phage type 204c and anti-microbial resistance [letter] Cooke BC. **Vet Rec** 1985 Mar 16;116(11):301

Streptococcus agalactiae serotypes in the south west of Scotland. Morrison JR, et al. **Vet Rec** 1984 Oct 27; 115(17):439

Heat inactivation of exogenous proteinases from Pseudomonas fluorescens. I. Possibility of inactivation in milk. Kroll S, et al. **Z Lebensm Unters Forsch** 1984 Oct; 179(4):288-95

[Enterotoxic staphylococci in the milk of cows and sheep with mastitis] Gogov I, et al. **Vet Med Nauki** 1984; 21(9):86-92 (Eng. Abstr.) **(Bul)**

[Presence of Yersinia enterocolitica in raw cow's milk] Pavlov A. **Vet Med Nauki** 1985;22(3):63-8 (Eng. Abstr.) **(Bul)**

[Demonstrability and survival of Mycoplasma bovis in milk] Wienhus M, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1;97(8):269-71 (Eng. Abstr.) **(Ger)**

[Occurrence of Mycoplasma bovis in milk samples from cows from the northern part of Germany] Wienhus M, et al. **Berl Munch Tierarztl Wochenschr** 1984 Sep 1;97(9):311-3 (Eng. Abstr.) **(Ger)**

[Acidophilus milk for therapy in gastrointestinal disorders] Alm L. **Nahrung** 1984;28(6-7):683-4 (Eng. Abstr.) **(Ger)**

[Pathogenic role of strains of specific Escherichia coli serotypes in the development of mastitis in cows. II. Milk changes] Malinowski E. **Pol Arch Weter** 1984;24(2):187-203 (Eng. Abstr.) **(Pol)**

[Sanitary conditions of type B pasteurized milk sold in the city of São Paulo, SP (Brazil) from February to August 1982] Baruffaldi R, et al. **Rev Saude Publica** 1984 Oct; 18(5):367-74 (Eng. Abstr.) **(Por)**

[Statistical substantiation of sanitary-bacteriological control of milk products at dairy farms by laboratories of sanitary-epidemiological centers] Korzenko VN, et al. **Gig Sanit** 1985 Jan;(1):48-50 **(Rus)**

PARASITOLOGY

Transmission of toxoplasmosis via milk from lactating mice. Pettersen EK. **Acta Pathol Microbiol Immunol Scand [B]** 1984 Jun; 92(3):175-6

PHYSIOLOGY

Growth and development of rats artificially reared on different milk-substitutes. Smart JL, et al. **Br J Nutr** 1984 Sep;52(2):227-37

Effect of human milk on plaque pH in situ and enamel dissolution in vitro compared with bovine milk, lactose, and sucrose. Rugg-Gunn AJ, et al. **Caries Res** 1985; 19(4):327-34

SECRETION

Production responses of lactating dairy cows and heifers given thiabendazole at parturition. Fetrow J, et al. **Am J Vet Res** 1985 Jan;46(1):48-52

Influence of selection for milk yield on endogenous hormones and metabolites in Holstein heifers and cows. Barnes MA, et al. **J Anim Sci** 1985 Jan;60(1):271-84

Sources of variation and prospects for improvement of productive efficiency in the dairy cow: a review. Bauman DE, et al. **J Anim Sci** 1985 Feb;60(2):583-92 (58 ref.)

Relationships between traits of cow-calf pairs and a measure of partial efficiency. Butts WT Jr, et al. **J Anim Sci** 1984 Nov;59(5):1176-84

Selection for weaning weight and postweaning gain in Hereford cattle. III. Correlated responses to selection in milk yield, preweaning and postweaning traits. Irgang R, et al. **J Anim Sci** 1985 May;60(5):1156-64

Effects of number of lambs suckled and supplemental protein source on lactating ewe performance. Loerch SC, et al. **J Anim Sci** 1985 Jan;60(1):6-13

Estimating milk yield of sows. Speer VC, et al. **J Anim Sci** 1984 Nov;59(5):1281-5

Energy balances of lactating sows in relation to feeding level and stage of lactation. Verstegen MW, et al. **J Anim Sci** 1985 Mar;60(3):731-40

Milk production from grazed temperate grassland. Leaver JD. **J Dairy Res** 1985 May;52(2):313-44 (371 ref.)

Effects of milk protein genetic variants on milk yield and composition. McLean DM, et al. **J Dairy Res** 1984 Nov; 51(4):531-46

Projection of lactation milk yield from part records in crossbred dairy cows. Yadav SB, et al. **J Dairy Res** 1984 Nov;51(4):525-30

Influence of milking frequency on productive and reproductive efficiencies of dairy cows. Amos HE, et al. **J Dairy Sci** 1985 Mar;68(3):732-9

Source of stray voltage and effect on cow health and performance. Appleman RD, et al. **J Dairy Sci** 1985 Jun; 68(6):1554-67 (40 ref.)

Effect of early rearing experience on subsequent behavior and production of Holstein heifers. Arave CW, et al. **J Dairy Sci** 1985 Apr;68(4):923-9

Interrelationships of milk yield, body weight, and reproductive performance. Badinga L, et al. **J Dairy Sci** 1985 Jul;68(7):1828-31

Associations among milk yield, yield persistency, conception, and culling of Israeli Holstein dairy cattle. Bar-Anan R, et al. **J Dairy Sci** 1985 Feb;68(2):382-6

Triiodothyronine and thyroxine during gestation in dairy cattle selected for high and low milk production. Bitman J, et al. **J Dairy Sci** 1984 Nov;67(11):2614-9

Differences in modified contemporary comparison sire evaluations from first and later lactations by breed. Cassell BG, et al. **J Dairy Sci** 1985 Jul;68(7):1778-84

Effect of intramammary device on new infection rate, milk yield, and milk somatic cell counts in maryland dairy herds. Corlett NJ, et al. **J Dairy Sci** 1984 Nov;67(11):2571-9

Effects of particle size and formaldehyde treatment of soybean meal on milk production and composition for dairy cows. Crawford RJ Jr, et al. **J Dairy Sci** 1984 Sep; 67(9):1945-52

Components of variance and covariance between direct and fetal effects in production traits. Cue RI, et al. **J Dairy Sci** 1985 Jul;68(7):1758-62

Ovarian activity of Holstein and Jersey cows of diverse transmitting abilities for milk. Dachir S, et al. **J Dairy Sci** 1984 Aug;67(8):1776-82

Mammary blood flow and regulation of substrate supply for milk synthesis. Davis SR, et al. **J Dairy Sci** 1985 Apr; 68(4):1041-58 (157 ref.)

Three or two times daily milking of older cows and first lactation cows for entire lactations. DePeters EJ, et al. **J Dairy Sci** 1985 Jan;68(1):123-32

Dietary sodium bicarbonate for high-producing Holstein cows over complete lactations. Donker JD, et al. **J Dairy Sci** 1985 Jan;68(1):140-6

Age-parity-season adjustment factors for milk and fat yields of dairy goats. Finley CM, et al. **J Dairy Sci** 1984 Aug; 67(8):1868-72

Whole rolled sunflower seeds with or without additional limestone in lactating dairy cattle rations. Finn AM, et al. **J Dairy Sci** 1985 Apr;68(4):903-13

Effect of infection status on quarter milk production and composition following omitted milking. Fox LK, et al. **J Dairy Sci** 1985 Feb;68(2):418-23

Responses of dairy cows to alternating electrical current administered semirandomly in a nonavoidance environment. Gorewit RC, et al. **J Dairy Sci** 1985 Mar; 68(3):718-25

Effects of exogenous oxytocin on production and milking variables of cows. Gorewit RC, et al. **J Dairy Sci** 1984 Sep;67(9):2050-4

Plasma concentration and lipid composition of lipoproteins in lactating dairy cows fed control and high grain diets. Grummer RR, et al. **J Dairy Sci** 1984 Dec;67(12):2894-901

Effect of protein on nutrient digestion and milk production by Holstein cows. Ha JK, et al. **J Dairy Sci** 1984 Oct; 67(10):2302-7

Spray cooling effects on milk production, milk, and rectal temperatures of cows during a moderate temperate summer season. Igono MO, et al. **J Dairy Sci** 1985 Apr;68(4):979-85

Relationships between somatic cell counts and milk production. Jones GM, et al. **J Dairy Sci** 1984 Aug; 67(8):1823-31

Effects of intermittent electrical shock on responses related to milk ejection. Lefcourt AM, et al. **J Dairy Sci** 1985 Feb;68(2):391-401

Effect of synthetic human pancreatic growth hormone-releasing factors on plasma growth hormone concentrations in lactating cows. McCutcheon SN, et al. **J Dairy Sci** 1984 Dec;67(12):2881-6

Effect of photoperiod on milk production and prolactin of Holstein dairy cows. Marcek JM, et al. **J Dairy Sci** 1984 Oct;67(10):2380-8

Intramammary infusions of cytochalasin B and dimethyl sulfoxide do not suppress milk secretion in the goat. Patton S, et al. **J Dairy Sci** 1984 Dec;67(12):3057-60

Correlated response of udder dimensions to selection for milk yield in Holsteins. Petersen ML, et al. **J Dairy Sci** 1985 Jan;68(1):99-113

Response of lactating cows to pelleted and unpelleted soybean meal after partial protein depletion. Polan CE, et al. **J Dairy Sci** 1985 Jul;68(7):1696-705

Effects of relative humidity, maximum and minimum temperature, pregnancy, and stage of lactation on milk composition and yield. Rodriquez LA, et al.

J Dairy Sci 1985 Apr;68(4):973-8

Response of dairy cows to sodium bicarbonate and limestone in early lactation. Rogers JA, et al. **J Dairy Sci** 1985 Mar; 68(3):646-60

Milk production, nutrient digestion, and rate of digesta passage in dairy cows fed long or chopped alfalfa hay supplemented with sodium bicarbonate. Rogers JA, et al. **J Dairy Sci** 1985 Apr;68(4):868-80

Milk production and nitrogen utilization by dairy cows infused postruminally with sodium caseinate, soybean meal, or cottonseed meal. Rogers JA, et al. **J Dairy Sci** 1984 Sep;67(9):1928-35

Lactational response to a feed supplement containing fermentation products, cobalt, dextrose, and lactose. Schingoethe DJ, et al. **J Dairy Sci** 1984 Oct;67(10):2460-3

Relationship between milk production and mammary gland indices of guinea pigs. Sheffield LG, et al. **J Dairy Sci** 1985 Mar;68(3):638-45

High-oil, high-protein diets and milk secretion by cows. Steele W. **J Dairy Sci** 1985 Jun;68(6):1409-15

Interaction of protein percent with caloric density and protein source for lactating cows. Van Horn HH, et al. **J Dairy Sci** 1985 Jul;68(7):1682-95

Stimulation of milk secretion with inhibition of milk ejection by corticosteroids during extended lactation in the rat. Flint DJ, et al. **J Endocrinol** 1984 Nov;103(2):213-8

The effect of dietary protein quality and feeding level on milk secretion and mammary protein synthesis in the rat. Sampson DA, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr; 4(2):274-83

Measurement of milk yield in the lactating rat from pup weight and weight gain. Sampson DA, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):613-7

Relationship between serum total cholesterol levels before calving and occurrence rate of diseases after calving in Holstein heifers and cows. Kweon OK, et al. **Jpn J Vet Res** 1985 Apr;33(1-2):11-7

Importance of water for the health and productivity of the dairy cow. Little W, et al. **Res Vet Sci** 1984 Nov; 37(3):283-9

The effect of experimental Ostertagia ostertagi infections in stabled milking cows on egg output, serum pepsinogen levels, antibody titres and milk production. Kloosterman A, et al. **Vet Parasitol** 1985 Apr;17(4):299-308

Effect of feeding silage with high butyric acid content on ketone body formation and milk yield in postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed** [A] 1985 Jan;32(1):15-23

Effect of energy balance on plasma glucose and ketone bodies in blood and milk and influence of hyperketonaemia on milk production of postparturient dairy cows. Andersson L, et al. **Zentralbl Veterinarmed** [A] 1984 Aug;31(7):539-47

Annual milk yield and reproductive performance of ketotic and non-ketotic dairy cows. Kauppinen K. **Zentralbl Veterinarmed** [A] 1984 Oct;31(9):694-704

[Calving interval as a function of production and age] Merkt H, et al. **DTW** 1985 Jan 6;92(1):4-6 (Eng. Abstr.) **(Ger)**

[Effects of mother-infant interaction on maternal milk secretion and dynamics of maternal serum prolactin levels in puerperium] Aisaka K, et al. **Nippon Sanka Fujinka Gakkai Zasshi** 1985 May; 37(5):713-20 (Eng. Abstr.) **(Jpn)**

[Relation between biochemical components in the blood of cows of various strains and the daily milk yield] Gabriš J, et al. **Vet Med (Praha)** 1985 Apr;30(4):193-200 (Eng. Abstr.) **(Slo)**

MILK-ALKALI SYNDROME see **HYPERCALCEMIA**

MILK EJECTION see under **LACTATION**

MILK FACTOR see **MAMMARY CANCER VIRUS**

MILK FEVER, ANIMAL see **PARTURIENT PARESIS**

MILK, HUMAN

Frequency of milk expression and milk production by mothers of nonnursing premature neonates. deCarvalho M, et al. **Am J Dis Child** 1985 May;139(5):483-5

Infant feeding and gastrointestinal illness [editorial] Fomon SJ. **Am J Public Health** 1985 May;75(5):468-9

Infant formulas and gastrointestinal illness. Koopman JS, et al. **Am J Public Health** 1985 May;75(5):477-80

Preterm milk as a source of protein for low birthweight infants. Lucas A, et al. **Arch Dis Child** 1984 Sep;59(9):831-6

Haemoglobin concentration depends on protein intake in small preterm infants fed human milk. Rönnholm KA, et al. **Arch Dis Child** 1985 Feb;60(2):99-104

Fluoride supplementation for infants [letter] Leung A. **ASDC J Dent Child** 1984 Sep-Oct;51(5):394

Antimicrobial properties and microbial contaminants of breast milk--an update. May JT. **Aust Paediatr J** 1984 Nov; 20(4):265-9 (72 ref.)

Feeding premature infants with human milk or preterm milk formula. Effects on postnatal growth and on circulating concentrations of intermediary metabolites, amino acids, and regulatory peptides. Calvert SA, et al. **Biol Neonate** 1985;47(4):189-98

Statement on human milk banking. Nutrition Committee, Canadian Paediatric Society. **Can Med Assoc J** 1985 Apr 1;132(7):750-2

Intestinal flora in the second week of life in hospitalized preterm infants fed stored frozen breast milk or a proprietary formula. Stevenson DK, et al. **Clin Pediatr (Phila)** 1985 Jun;24(6):338-41

Effect of iron on neonatal gut flora during the first week of life. Mevissen-Verhage EA, et al. **Eur J Clin Microbiol** 1985 Feb;4(1):14-8

Effect of iron on neonatal gut flora during the first three months of life. Mevissen-Verhage EA, et al. **Eur J Clin Microbiol** 1985 Jun;4(3):273-8

The calorie intake and weight gain of low birth weight infants fed on fresh breast milk or a special formula milk. Hendrickse WA, et al. **Eur J Pediatr** 1984 Nov;143(1):49-53

Vitamin E status in preterm infants fed human milk or infant formula. Gross SJ, et al. **J Pediatr** 1985 Apr;106(4):635-9

Fortified mothers' milk for very low birth weight infants: results of growth and nutrient balance studies. Schanler RJ, et al. **J Pediatr** 1985 Sep;107(3):437-45

Fecal alpha 1-antitrypsin and infant feeding. Woodruff C, et al. **J Pediatr** 1985 Feb;106(2):228-32

Growth and biochemical response of premature infants fed pooled preterm milk or special formula. Cooper PA, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):749-54

Nitrogen and mineral balance in preterm infants fed human milks or formula. Schanler RJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):214-9

Non-antibody-containing fractions of breast milk inhibit epithelial attachment of Streptococcus pneumoniae and Haemophilus influenzae [letter] Andersson B, et al. **Lancet** 1985 Mar 16;1(8429):643

Preterm milk is at least as nutritious as formula. **Nutr Rev** 1984 Aug;42(8):281-3

Protein-fortified milk in premature infants [letter] Greer FR. **Pediatrics** 1985 Aug;76(2):330-1

Indices of protein metabolism in term infants fed human milk, whey-predominant formula, or cow's milk formula. Janas LM, et al. **Pediatrics** 1985 Apr;75(4):775-84

Problems with human milk and infant formulas. Miller SA, et al. **Pediatrics** 1984 Oct;74(4 Pt 2):639-47 (79 ref.)

Human milk protein and medium-chain triglyceride oil supplementation of human milk: plasma amino acids in very low-birth-weight infants. Rönnholm KA, et al. **Pediatrics** 1984 Nov;74(5):792-9

Breast feeding--the community norm. Report of a workshop. Koop CE, et al. **Public Health Rep** 1984 Nov-Dec; 99(6):550-8

[Pasteurization of human milk in a hygienic regimen in a health care facility] Zárská Z, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 Feb;34(1):15-22 (Eng. Abstr.) **(Cze)**

[How much human milk does a premature infant need?] Verheul FE, et al. **Ned Tijdschr Geneeskd** 1984 Nov 10; 128(45):2113-4 **(Dut)**

[Phosphorus depletion in 2 very-low-birth-weight premature infants fed human milk. A new cause of hypercalcemia?] Colonna F, et al. **Minerva Pediatr** 1984 Jun 30;36(12):617-20 (Eng. Abstr.) **(Ita)**

ANALYSIS

Milk composition of low birth weight infants' mothers. Barros MD, et al. **Acta Paediatr Scand** 1984 Sep;73(5):693-4

Increased breast milk iron in severe maternal anemia: physiological 'trapping' or leakage? Fransson GB, et al. **Acta Paediatr Scand** 1985 Mar;74(2):290-1

Dietary bovine beta-lactoglobulin is transferred to human milk. Jakobsson I, et al. **Acta Paediatr Scand** 1985 May; 74(3):342-5

Mitogenic activity and epidermal growth factor content in human milk. Jansson L, et al. **Acta Paediatr Scand** 1985 Mar;74(2):250-3

Longitudinal study of the selenium content in human breast milk in Belgium. Robberecht H, et al. **Acta Paediatr Scand** 1985 Mar;74(2):254-8

Antiserum against formalin-fixed human milk fat globule glycoprotein for immunohistochemistry of normal and malignant apocrine epithelium. Forsman LM, et al. **Acta Pathol Microbiol Immunol Scand** [A] 1984 Sep; 92(5):331-7

Calcitonin-like immunoreactivity in human milk, longitudinal alterations and divalent cations. Arver S, et al. **Acta Physiol Scand** 1984 Dec;122(4):461-4

A method for routine estimation of vitamin D activity in human and bovine milk. Parviainen MT, et al. **Acta Vitaminol Enzymol** 1984;6(3):211-9

Effect of storage time and temperature on folacin and vitamin C levels in term and preterm human milk. Bank MR, et al. **Am J Clin Nutr** 1985 Feb;41(2):235-42

Comparison of the phospholipid composition of breast milk from mothers of term and preterm infants during lactation. Bitman J, et al. **Am J Clin Nutr** 1984 Nov;40(5):1103-19

N-acetylneuraminic acid concentrations in human milk oligosaccharides and glycoproteins during lactation. Carlson SE. **Am J Clin Nutr** 1985 Apr;41(4):720-6

Studies in human lactation: zinc, copper, manganese and chromium in human milk in the first month of lactation. Casey CE, et al. **Am J Clin Nutr** 1985 Jun;41(6):1193-200

Breast milk composition: fat content and fatty acid composition in vegetarians and non-vegetarians. Finley DA, et al. **Am J Clin Nutr** 1985 Apr;41(4):787-800

Total phospholipid analysis in human milk without acid digestion. Hundrieser KE, et al. **Am J Clin Nutr** 1985 May; 41(5):988-93

Fatty acid composition of breast milk from three racial groups from Penang, Malaysia. Kneebone GM, et al. **Am J Clin Nutr** 1985 Apr;41(4):765-9

The composition of preterm milk in relation to the degree of prematurity. Lepage G, et al. **Am J Clin Nutr** 1984 Nov; 40(5):1042-9

Manganese binding proteins in human and cow's milk. Lönnerdal B, et al. **Am J Clin Nutr** 1985 Mar;41(3):550-9

Casein content of human milk. Lönnerdal B, et al. **Am J Clin Nutr** 1985 Jan;41(1):113-20

Comparison of the fat content and fat globule size distribution of breast milk from mothers delivering term and preterm. Simonin C, et al. **Am J Clin Nutr** 1984 Oct;40(4):820-6

Milk and plasma lipid composition in a lactating patient with type I hyperlipoproteinemia. Steiner G, et al. **Am J Clin Nutr** 1985 Jan;41(1):121-8

Effects of different levels of vitamin B-6 supplementation on vitamin B-6 concentrations in human milk and vitamin B-6 intakes of breastfed infants. Styslinger L, et al. **Am J Clin Nutr** 1985 Jan;41(1):21-31

Vitamin B6, vitamin C and folacin levels in milk from mothers of term and preterm infants during the neonatal period. Udipi SA, et al. **Am J Clin Nutr** 1985 Sep; 42(3):522-30

Carbon nuclear magnetic resonance spectra of oligosaccharides isolated from human milk and ovarian cyst mucin. Bush CA, et al. **Anal Biochem** 1985 Feb 15; 145(1):124-36

Aflatoxins in human breast milk. Coulter JB, et al. **Ann Trop Paediatr** 1984 Jun;4(2):61-6

A new ganglioside in human meconium detected by antiserum against the human milk sialyloligosaccharide, LS-tetrasaccharide b. Prieto PA, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):281-9

Concentrations of lead in maternal blood, cord blood, and breast milk. Ong CN, et al. **Arch Dis Child** 1985 Aug; 60(8):756-9

Loss of breast milk nutrients during tube feeding. Stocks RJ, et al. **Arch Dis Child** 1985 Feb;60(2):164-6

Polychlorinated biphenyl congeners (PCBs), p,p'-DDE and hexachlorobenzene in human milk in three areas of upstate New York. Bush B, et al. **Arch Environ Contam Toxicol** 1985 Jul;14(4):443-50

Organochlorine pesticide residue levels in human milk: Western Australia, 1979-1980. Stacey CI, et al. **Arch Environ Health** 1985 Mar-Apr;40(2):102-8

Lead and cadmium in breast milk. Higher levels in urban vs rural mothers during the first 3 months of lactation. Sternowsky HJ, et al. **Arch Toxicol** 1985 Apr;57(1):41-5

Calmodulin in breast milk, and umbilical and maternal plasma. Hira T, et al. **Asia Oceania J Obstet Gynaecol** 1985 Mar;11(1):107-111

When breast is not best. Thearle J. **Aust Fam Physician** 1985 Apr;14(4):305-8

Alcohol in breast milk. Lawton ME. **Aust NZ J Obstet Gynaecol** 1985 Feb;25(1):71-3

Isolation of a protein from human milk that enhances zinc absorption in humans. Eckhert CD. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):264-9

Human breast milk stimulates prostaglandin synthesis in cultured human skin fibroblasts. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):972-6

Isolation and chemical and immunochemical characterization of the peanut-lectin-binding glycoprotein from human milk-fat-globule membranes. Fischer J, et al. **Biochem J** 1984 Dec 1;224(2):581-9

Collagenase inhibitory activity in human breast milk. Waxler B, et al. **Biochem Med** 1985 Jun;33(3):279-83

Domperidone: secretion in breast milk and effect on puerperal prolactin levels. Hofmeyr GJ, et al. **Br J Obstet Gynaecol** 1985 Feb;92(2):141-4

Preliminary study of organochlorine compounds in milk products, human milk, and vegetables. Fytianos K, et al. **Bull Environ Contam Toxicol** 1985 Apr;34(4):504-8

Organochlorine residue levels in human milk from Baghdad. Al-Omar MA, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):65-7

House treatment with organochlorine pesticides and their levels in human milk--Perth, Western Australia. Stacey CI, et al. **Bull Environ Contam Toxicol** 1985 Aug; 35(2):202-8

Structure of two new oligosaccharides isolated from human milk: sialylated lacto-N-fucopentaoses I and II. Wieruszeski JM, et al. **Carbohydr Res** 1985 Mar 29; 137:127-38

Comparative studies on the chemical and immunochemical properties of human milk, human pancreatic juice and bovine milk lactoferrin. Wang CS, et al. **Comp Biochem Physiol [B]** 1984;78(3):575-80

Tolmetin in breast milk [letter] Sagraves R, et al. **Drug Intell Clin Pharm** 1985 Jan;19(1):55-6

Zinc deficiency: a problem with preterm breast milk. Murphy JF, et al. **Early Hum Dev** 1985 Jan;10(3-4):303-7

Creamatocrit, carbon content, and energy value of pooled banked human milk: implications for feeding preterm infants. Smith L, et al. **Early Hum Dev** 1985 May; 11(1):75-80

Health status and PCBs in blood of workers exposed to PCBs and of their children. Hara I. **Environ Health Perspect** 1985 Feb;59:85-90

Study of human lactation for effects of environmental contaminants: the North Carolina Breast Milk and Formula

Project and some other ideas. Rogan WJ, et al. **Environ Health Perspect** 1985 May;60:215–21

PCB levels in breast milk: data from the UNEP/WHO pilot project on biological monitoring and some other recent studies. Slorach SA, et al. **Environ Health Perspect** 1985 May;60:121–6

Preparation and amino acid sequence of human kappa–casein. Brignon G, et al. **FEBS Lett** 1985 Aug 19;188(1):48–54

Isolation and characterization of epidermal growth factor from human milk. Petrides PE, et al. **FEBS Lett** 1985 Jul 22;187(1):89–95

Survey of human milk for volatile N–nitrosamines and the influence of diet on their formation. Lakritz L, et al. **Food Chem Toxicol** 1984 Sep;22(9):721–4

A comparison of two methods of milk sampling for calculating the fat intake of breast–fed babies. Williams AF, et al. **Hum Nutr Clin Nutr** 1985 May;39(3):193–202

Organochlorine pesticide residues in mother's milk: a source of toxic chemicals in suckling infants. Ramakrishnan N, et al. **Hum Toxicol** 1985 Jan;4(1):7–12

Cyanotic crises in a breast–fed infant from mother taking dipyrone. Rizzoni G, et al. **Hum Toxicol** 1984 Dec; 3(6):505–7

Breast milk composition in relation to gestation. Kumbhat MM, et al. **Indian Pediatr** 1985 Mar;22(3):229–33

Tocopherols and tocotrienols in Finnish foods: human milk and infant formulas. Syväoja EL, et al. **Int J Vitam Nutr Res** 1985;55(2):159–66

Vitamin E and C concentrations in human milk with maternal megadosing: a case report. Anderson DM, et al. **J Am Diet Assoc** 1985 Jun;85(6):715–7

Purification of a mammary–derived growth factor from human milk and human mammary tumors. Bano M, et al. **J Biol Chem** 1985 May 10;260(9):5745–52

Gas chromatographic determination of pentoxifylline and its major metabolites in human breast milk. Bauza MT, et al. **J Chromatogr** 1984 Sep 14;310(1):61–9

Characterization of lacto–N–hexaose and two fucosylated derivatives from human milk by high–performance liquid chromatography and proton NMR spectroscopy. Dua VK, et al. **J Chromatogr** 1985 Jun 28;328:259–69

Quantities of B6 vitamers in human milk by high–performance liquid chromatography. Influence of maternal vitamin B6 status. Morrison LA, et al. **J Chromatogr** 1985 Feb 8;337(2):249–58

The excretion of rosaramicin in breast milk. Stoehr GP, et al. **J Clin Pharmacol** 1985 Mar;25(2):89–94

Does beta–lactoglobulin occur in human milk? Brignon G, et al. **J Dairy Res** 1985 May;52(2):249–54

Quantification of beta–casein in human milk. Chtourou A, et al. **J Dairy Res** 1985 May;52(2):239–47

Prolactin concentration in milk and plasma of puerperal women and patients with galactorrhea. Adamopoulos DA, et al. **J Endocrinol Invest** 1984 Aug;7(4):273–6

Inorganic constituents of breast milk from vegetarian and nonvegetarian women: relationships with each other and with organic constituents. Finley DA, et al. **J Nutr** 1985 Jun;115(6):772–81

Breast milk volume and composition during late lactation (7–20 months). Dewey KG, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):713–20

Total lipid content and fatty acid composition of preterm human milk. Ehrenkranz RA, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):755–8

Cholesterol and other sterols in human milk [letter] Haug M, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):816–7

Breast milk lactoferrin levels in relation to maternal nutritional status. Houghton MR, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):230–3

Free fatty acids in the development of breast milk jaundice. Jalili F, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):435–40

Zinc in human milk: diurnal and within–feed patterns. Krebs NF, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):227–9

Liquid chromatographic determination of propoxyphene and norpropoxyphene in plasma and breast milk. Kunka RL, et al. **J Pharm Sci** 1985 Jan;74(1):103–4

Mineral content of breast milk from north Indian mothers giving birth preterm and at term––implication for mineral nutrition of preterm infants. Gupta AP, et al. **J Trop Pediatr** 1984 Oct;30(5):286–8

Trace elements in Thai breast milk and infant formulas. Jirapinyo P, et al. **J Trop Pediatr** 1985 Jun;31(3):157–9

Intestinal transport of manganese from human milk, bovine milk and infant formula in rats. Chan WY, et al. **Life Sci** 1984 Dec 10;35(24):2415–9

Free fatty acid content of human milk: physiologic significance and artifactual determinants. Chappell JE, et al. **Lipids** 1985 Apr;20(4):216–21

Milk fat structure of a patient with type 1 hyperlipidemia. Myher JJ, et al. **Lipids** 1984 Sep;19(9):673–82

Potential radiation dose to a breast–fed infant following administration of sodium 32P–phosphate to the mother. Mountford PJ, et al. **Nucl Med Commun** 1984 Jul;5(7):473–6

Growth–promoting factors in mammalian milks. **Nutr Rev** 1984 Nov;42(11):389–91 (11 ref.)

Partially hydrogenated fats in the diets of nursing mothers: effect on contents of trans fatty acids and prostaglandins in milk. **Nutr Rev** 1984 Sep;42(9):311–3

Fat–soluble vitamins in human milk. Lammi–Keefe CJ, et al. **Nutr Rev** 1984 Nov;42(11):365–71 (59 ref.)

Human milk feeding. Anderson GH. **Pediatr Clin North Am** 1985 Apr;32(2):335–53 (71 ref.)

How to meet the lipid requirements of the premature infant. Heim T. **Pediatr Clin North Am** 1985 Apr;32(2):289–317 (58 ref.)

Lipases and lipids in human milk: effect of freeze–thawing and storage. Berkow SE, et al. **Pediatr Res** 1984 Dec; 18(12):1257–62

Iodinated compounds and thyroxine binding to albumin in human breast milk. Etling N, et al. **Pediatr Res** 1984 Sep; 18(9):901–3

Significance of growth modulators in human milk. Gaull GE, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):142–5 (35 ref.)

Lipids in milk and the first steps in their digestion. Hamosh M, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):146–50 (25 ref.)

Bombesin, neurotensin and pro–gamma–melanotropin immunoreactants in human milk. Ekman R, et al. **Regul Pept** 1985 Mar;10(2–3):99–105

Zinc and copper levels in the breast–milk of Cape Town mothers. Kirsten GF, et al. **S Afr Med J** 1985 Sep 14; 68(6):402–5

Trace elements in human milk, selenium a case study. Roekens E, et al. **Sci Total Environ** 1985 Mar 15; 42(1–2):91–108 (103 ref.)

Valproic acid in breast milk: how much is really there? von Unruh GE, et al. **Ther Drug Monit** 1984;6(3):272–6

Mastitis in rural Gambian mothers and the protection of the breast by milk antimicrobial factors. Prentice A, et al. **Trans R Soc Trop Med Hyg** 1985;79(1):90–5

[Effect of nutrition on the composition of the breast milk in lactating mothers] Pang WZ. **Chung Hua I Hsueh Tsa Chih** 1984 Oct;64(10):610–4 (Eng. Abstr.) **(Chi)**

[Is breast feeding natural?] Pieters JJ. **Ned Tijdschr Geneeskd** 1984 Dec 1;128(48):2262–5 **(Dut)**

[Determination of nicotine in breast milk by coupling gas chromatography and mass spectrometry] Ataie M, et al. **Ann Biol Clin (Paris)** 1984;42(6):433–6 (Eng. Abstr.) **(Fre)**

[Dynamics of the composition of lipids in human milk during lactation] Hurgoiu V, et al. **Pediatrie** 1985 Apr–May; 40(3):201–5 (Eng. Abstr.) **(Fre)**

[Residues and pollutants in breast milk] **Monatsschr Kinderheilkd** 1984 Oct;132(10):811–3 **(Ger)**

[Vitamin D sterol in human milk, cow's milk and baby food] Kunz C, et al. **Z Ernahrungswiss** 1985 Mar;24(1):44–53 (Eng. Abstr.) **(Ger)**

[Concentration of trace elements in maternal milk, powdered and cow's milk. Considerations on current metabolic and physiologic knowledge] Caramia G, et al. **Minerva Pediatr** 1984 Sep 15;36(17):817–23 (Eng. Abstr.) **(Ita)**

[The isolation and characterization of human milk lactoferrin and the fluctuations of its concentration at different stages of lactation] Kawakata N. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):426–40 (Eng. Abstr.) **(Jpn)**

[Recent aspects of the chemistry of lactose and approaches to the synthesis of oligosaccharides and their analogs in human milk] Tejima S, et al. **Seikagaku** 1984 Jul; 56(7):467–78 (82 ref.) **(Jpn)**

[Simultaneous determination of ephedrine and glycyrrhizin in human breast milk by high performance liquid chromatography] Shimada K, et al. **Yakugaku Zasshi** 1984 Apr;104(4):347–50 (Eng. Abstr.) **(Jpn)**

[Picolinic acid concentration in human milk] Jendryczko A, et al. **Pol Tyg Lek** 1985 Jan 14;40(2):33–4 **(Pol)**

[Sodium, potassium and calcium concentrations in human milk in the early puerperium] Lembrych S, et al. **Wiad Lek** 1984 Dec 15;37(24):1926–30 (Eng. Abstr.) **(Pol)**

[Antibiotic excretion in women's milk] Amiraslanova LA. **Akush Ginekol (Mosk)** 1984 Sep;(9):10–13 (54 ref.) **(Rus)**

[Qualitative composition of milk in lactation mastitis] Golota VIa, et al. **Akush Ginekol (Mosk)** 1984 Sep;(9):48–50 (Eng. Abstr.) **(Rus)**

[Present knowledge about the content and importance of hormones in milk] Strbák V. **Cas Lek Cesk** 1984 Jul 6; 123(27):817–21 (Eng. Abstr.) **(Slo)**

[Breast feeding and sodium levels in human milk] Kovács L, et al. **Cesk Pediatr** 1985 Jan;40(1):24–6 (Eng. Abstr.) **(Slo)**

[Free amino acid content of human milk in Spain] Faus O, et al. **An Esp Pediatr** 1984 Oct 31;21(6):557–63 (Eng. Abstr.) **(Spa)**

[Free amino acids of various lacteal formulas used in Spain] Periago JL, et al. **An Esp Pediatr** 1984 Nov 15;21(7):635–41 (Eng. Abstr.) **(Spa)**

[Ultrastructural analysis of milk fat globule membranes of colostrum and human milk] Hernández F. **Rev Biol Trop** 1983 Nov;31(2):245–50 (Eng. Abstr.) **(Spa)**

CYTOLOGY

Enrichment of human milk lymphocytes by discontinuous density gradient sedimentation. Lawton JW, et al. **Acta Paediatr Scand** 1985 May;74(3):346–51

Phenotypic characterization and functional activity of human milk macrophages. Leyva–Cobián F, et al. **Immunol Lett** 1984;8(5):249–56

DRUG EFFECTS

Influence of glucocorticoid and betamimetic therapy on milk secretory IgA concentration produced by mothers delivering preterm infants. Martell M, et al. **J Perinat Med** 1985;13(2):61–5

Providing an information service on drugs and breast milk [letter] Broughton HR. **J R Soc Health** 1984 Dec;104(6):232

ENZYMOLOGY

Breast milk or not? A clinical conundrum [letter] Collins DR, et al. **Clin Chem** 1985 Aug;31(8):1413

Kinetics of human and bovine milk lipoprotein lipase and the mechanism of enzyme activation by apolipoprotein C–II. Posner I, et al. **Comp Biochem Physiol [B]** 1985; 80(1):171–4

Kinetic properties of human milk bile salt–activated lipase: studies using long chain triacylglycerol as substrate. Wang CS, et al. **J Lipid Res** 1985 Jul;26(7):824–30

On the source of bile salt–stimulated lipase in human milk: a study based on serum concentrations as determined by sandwich enzyme–linked immunosorbent assay technique. Bläckberg L, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):441–5

Relationships between lysozyme concentration of human milk, bacteriologic content, and weight gain of premature infants. Braun OH, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):583–6

Effect of temperature and length of storage on serum–stimulated and serum–independent lipolytic activities in human milk. Clark RM, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):567–70

Amylase in human milk from mothers of preterm and term infants. Hegardt P, et al. **J Pediatr Gastroenterol Nutr** 1984 Sep;3(4):563–6

Specificity of human milk bile salt–stimulated lipase [editorial] Hernell O. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):517–9

Specificity of human milk bile salt–stimulated lipase. Jensen RG, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug; 4(4):580–2

Esterase acyl binding site of human milk lipase. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Apr;4(2):240–4

Hydrophobic interactions of human milk lipase. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun;4(3):446–52

Human milk lipase substrates: electronic role. O'Connor CJ, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):587–90

Characteristics and benefits of bile salt–stimulated lipase in human milk. **Nutr Rev** 1984 Nov;42(11):372–3 (12 ref.)

The influence of proteins on the esterase activity of bile–salt–stimulated lipase from human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Mar 13;98(774):158–9

Esterolytic activity during storage of human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Feb 27;98(773):114–5

The influence of surfactant amphiphiles on the esterase activity of (bile–salt–stimulated) lipase from human milk [letter] O'Connor CJ, et al. **NZ Med J** 1985 Apr 24; 98(777):306–7

[Hydrolase composition and activity of human milk in the antimony subregion of the Fergana Valley] Fuzailov IuM, et al. **Vopr Pitan** 1985 Jan–Feb;(1):41–3 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Studies of human milk. II. Concentration of antibodies against Salmonella and Shigella in milk of women from different populations and the daily intake by their breast–fed infants. Cruz JR, et al. **Acta Paediatr Scand** 1985 May;74(3):338–41

Breast–milk antimicrobial factors of rural Gambian mothers. I. Influence of stage of lactation and maternal plane of nutrition. Prentice A, et al. **Acta Paediatr Scand** 1984 Nov; 73(6):796–802

Breast–milk antimicrobial factors of rural Gambian mothers. II. Influence of season and prevalence of infection. Prentice A, et al. **Acta Paediatr Scand** 1984 Nov;73(6):803–9

Cellular immunity in human milk. Oksenberg JR, et al. **Am J Reprod Immunol Microbiol** 1985 Aug;8(4):125–9

Rabbit antibodies against the human milk sialyloligosaccharide alditol of LS–tetrasaccharide a (NeuAc alpha 2–3Gal beta 1–3GlcNAc beta 1–3Gal beta 1–4GlcOH). Smith DF, et al. **Arch Biochem Biophys** 1985 Aug 15;241(1):298–303

Human milk stimulates B cell function. Juto P. **Arch Dis Child** 1985 Jul;60(7):610–3

Immunotropic properties of fractions isolated from human milk. Zimecki M, et al. **Arch Immunol Ther Exp (Warsz)** 1984;32(2):203–9

Monoclonal antibodies recognizing epitopes carried on both glycolipids and glycoproteins of the human milk fat globule membrane. McIlhinney RA, et al. **Biochem J** 1985 Apr 1;227(1):155–62

Passage of cows' milk protein in breast milk. Stuart CA, et al. **Clin Allergy** 1984 Nov;14(6):533–5

Ca 125 and Ca 19–9: two cancer–associated sialylsaccharide antigens on a mucus glycoprotein from human milk. Hanisch FG, et al. **Eur J Biochem** 1985 Jun 3;149(2):323–30

Immunoreactive and biologically active somatostatin in human and sheep milk. Werner H, et al. **Eur J Biochem** 1985 Apr 15;148(2):353–7

Anti infective properties of breast milk. Shashikala S, et al. **Indian J Pediatr** 1984 Jul–Aug;51(411):451–7 (41 ref.)

Oxidative metabolic response and microbicidal activity of human milk macrophages: effect of lipopolysaccharide and muramyl dipeptide. Cummings NP, et al. **Infect Immun**

1985 Aug;49(2):435-9

Cholate-dependent killing of Giardia lamblia by human milk. Gillin FD, et al. **Infect Immun** 1985 Mar;47(3):619-22

Immunocytochemical reaction of Ca1 and HMFG2 monoclonal antibodies with cells from serous effusions. Singer S, et al. **J Clin Pathol** 1985 Feb;38(2):180-4

Postimmunization antibody to the Haemophilus influenzae type b capsule in breast milk. Insel RA, et al. **J Infect Dis** 1985 Aug;152(2):407-8

Rotavirus antibodies in the mother and her breast-fed infant. Hjelt K, et al. **J Pediatr Gastroenterol Nutr** 1985 Jun; 4(3):414-20

Monoclonal antibodies to epithelial membrane antigen and human milk fat globule mucin define epitopes expressed on other molecules. Taylor-Papadimitriou J, et al. **Lancet** 1985 Feb 23;1(8426):458

Sequential changes in the antimicrobial protein concentrations in human milk during lactation and its relevance to banked human milk. Lewis-Jones DI, et al. **Pediatr Res** 1985 Jun;19(6):561-5

Protective factors in milk and the development of the immune system. Hanson LA, et al. **Pediatrics** 1985 Jan;75(1 Pt 2):172-6 (47 ref.)

[Antifungal effects of the antimicrobial factors in human milk and colostrum in mixed bacterial and fungal cultures] Herlea V. **Rev Ig [Bacteriol]** 1985 Jan-Mar;30(1):43-8 (Eng. Abstr.) **(Rum)**

METABOLISM

Susceptibility of riboflavin and vitamin A in breast milk to photodegradation and its implications for the use of banked breast milk in infant feeding. Bates CJ, et al. **Acta Paediatr Scand** 1985 Jan;74(1):40-4

Zinc and copper in human milk. Jendryczko A, et al. **Acta Physiol Pol** 1984 May-Jun;35(3):219-23

Effects of different levels of vitamin C intake on the vitamin C concentration in human milk and the vitamin C intakes of breast-fed infants. Byerley LO, et al. **Am J Clin Nutr** 1985 Apr;41(4):665-71

Trans fatty acids in human milk lipids: influence of maternal diet and weight loss. Chappell JE, et al. **Am J Clin Nutr** 1985 Jul;42(1):49-56

Will dietary omega-3 fatty acids change the composition of human milk? Harris WS, et al. **Am J Clin Nutr** 1984 Oct; 40(4):780-5

The effects of a dietary zinc supplement during lactation on longitudinal changes in maternal zinc status and milk zinc concentrations. Krebs NF, et al. **Am J Clin Nutr** 1985 Mar; 41(3):560-70

The effect of individual components of soy formula and cows' milk formula on zinc bioavailability. Lönnerdal B, et al. **Am J Clin Nutr** 1984 Nov;40(5):1064-70

Vitamin C nutrition during prolonged lactation: optimal in infants while marginal in some mothers. Salmenperä L. **Am J Clin Nutr** 1984 Nov;40(5):1050-6

The presence of cyclosporine in body tissues and fluids during pregnancy. Flechner SM, et al. **Am J Kidney Dis** 1985 Jan;5(1):60-3

The excretion of pentoxifylline and its metabolites into human breast milk. Witter FR, et al. **Am J Obstet Gynecol** 1985 Apr 15;151(8):1094-7

Monitoring of drugs in breast milk. Wong SH. **Ann Clin Lab Sci** 1985 Mar-Apr;15(2):100-5

Minoxidil in breast milk [letter] Valdivieso A, et al. **Ann Intern Med** 1985 Jan;102(1):135

Variations of lactose and oligosaccharides in milk from women of blood types secretor A or H, secretor Lewis, and secretor H/nonsecretor Lewis during the course of lactation. Viverge D, et al. **Ann Nutr Metab** 1985;29(1):1-11

Fat and energy content of breast milk of malnourished and well nourished women, Brazil 1982. Marin Spring PC, et al. **Ann Trop Paediatr** 1985 Jun;5(2):83-7

Pharmacokinetic pitfalls in the estimation of the breast milk/plasma ratio for drugs. Wilson JT, et al. **Annu Rev Pharmacol Toxicol** 1985;25:667-89 (63 ref.)

Transfer of polychlorinated biphenyls (PCBs) to newborn infants through the placenta and mothers' milk. Ando M, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):51-7

Transfer of hexachlorobenzene (HCB) from mother to newborn baby through placenta and milk. Ando M, et al. **Arch Toxicol** 1985 Jan;56(3):195-200

Human breast milk stimulates rat liver cholesterol 7 alpha-hydroxylase activity in vitro. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1133-7

Tinidazole milk excretion and pharmacokinetics in lactating women. Evaldson GR, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):503-7

Pseudoephedrine and triprolidine in plasma and breast milk of nursing mothers. Findlay JW, et al. **Br J Clin Pharmacol** 1984 Dec;18(6):901-6

Aztreonam in human serum and breast milk. Fleiss PM, et al. **Br J Clin Pharmacol** 1985 Apr;19(4):509-11

Ethosuximide in epileptic women during pregnancy and lactation period. Placental transfer, serum concentrations in nursed infants and clinical status. Kuhnz W, et al. **Br J Clin Pharmacol** 1984 Nov;18(5):671-7

Excretion of disopyramide in human breast milk [letter] MacKintosh D, et al. **Br J Clin Pharmacol** 1985 Jun; 19(6):856-7

Oxprenolol placental transfer, plasma concentrations in newborns and passage into breast milk. Sioufi A, et al. **Br J Clin Pharmacol** 1984 Sep;18(3):453-6

Appearance of ranitidine in breast milk following multiple dosing. Kearns GL, et al. **Clin Pharm** 1985 May-Jun; 4(3):322-4

Vitamin A and E content of human milk at early stages of lactation. Chappell JE, et al. **Early Hum Dev** 1985 Jul; 11(2):157-67

Presence of chlorprothixene and its metabolites in breast milk. Matheson I, et al. **Eur J Clin Pharmacol** 1984;27(5):611-3

Hydroxychloroquine in human breast milk. Ostensen M, et al. **Eur J Clin Pharmacol** 1985;28(3):357

Amphetamine secretion in breast milk. Steiner E, et al. **Eur J Clin Pharmacol** 1984;27(1):123-4

Chlorinated hydrocarbons in adipose tissue of infants and toddlers: inventory and studies on their association with intake of mothers' milk. Niessen KH, et al. **Eur J Pediatr** 1984 Sep;142(4):238-44

Effect of maternal dietary selenium intake on selenium levels in breast milk. Kumpulainen J, et al. **Int J Vitam Nutr Res** 1984;54(2-3):251-5

Vitamin D, 25-hydroxy-vitamin D and 1,25-dihydroxy-vitamin D in cow's milk, infant formulas and breast milk during different stages of lactation. Kunz C, et al. **Int J Vitam Nutr Res** 1984;54(2-3):141-8

The effect of human serum transferrin and milk lactoferrin on hydroxyl radical formation from superoxide and hydrogen peroxide. Baldwin DA, et al. **J Biol Chem** 1984 Nov 10;259(21):13391-4

Excretion of quazepam into human breast milk. Hilbert JM, et al. **J Clin Pharmacol** 1984 Oct;24(10):457-62

Growth factor concentrations and growth-promoting activity in human milk following premature birth. Read LC, et al. **J Dev Physiol** 1985 Apr;7(2):135-45

Calcium binding by alpha-lactalbumin in human milk and bovine milk. Lönnerdal B, et al. **J Nutr** 1985 Sep; 115(9):1209-16

Changes in fat concentration of human milk during delivery by intermittent bolus and continuous mechanical pump infusion. Greer FR, et al. **J Pediatr** 1984 Nov;105(5):745-9

Prednisolone excretion in human milk. Ost L, et al. **J Pediatr** 1985 Jun;106(6):1008-11

Urea utilization by the intestinal flora, of infants fed mother's milk and a formula diet, as measured with the 15N-tracer technique. Heine W, et al. **J Pediatr Gastroenterol Nutr** 1984 Nov;3(5):709-12

Diazepam and desmethyldiazepam in breast milk. Wesson DR, et al. **J Psychoactive Drugs** 1985 Jan-Mar;17(1):55-6

Breast milk and the absorptive process [editorial] Ebrahim GJ. **J Trop Pediatr** 1985 Feb;31(1):2-3

The advantages of human milk in the feeding of the premature infant. Joaquim MC, et al. **J Trop Pediatr** 1985 Feb;31(1):43-8

Quantity and quality of milk protein intake: metabolic responses in the neonate. Räihä N. **Klin Padiatr** 1985 Mar-Apr;197(2):176-8

Vitamin B6- and protein concentrations in breast milk from mothers of preterm and term infants. Reinken L, et al. **Klin Padiatr** 1985 Jan-Feb;197(1):40-3

Excretion of diltiazem in human milk [letter] Okada M, et al. **N Engl J Med** 1985 Apr 11;312(15):992-3

Biosynthesis of fatty acids by lactating human breast epithelial cells: an evaluation of the contribution to the overall composition of human milk fat. Thompson BJ, et al. **Pediatr Res** 1985 Jan;19(1):139-43

Penetration of cefonicid into human breast milk and various body fluids and tissues. Lou MA, et al. **Rev Infect Dis** 1984 Nov-Dec;6 Suppl 4:S816-20

Androstenedione metabolism in epithelial cells derived from early-lactation human milk. Perel E, et al. **Steroids** 1983 Oct;42(4):389-99

Carbamazepine levels in breast milk. Froescher W, et al. **Ther Drug Monit** 1984;6(3):266-71

Studies on circadian periodicity of plasma, breast milk and urinary calcium in lactating Indian women. Singh RK, et al. **Trop Geogr Med** 1984 Dec;36(4):345-9

[Chloroquine transfer to milk. A case] Deturmeny E, et al. **Therapie** 1984 Jul-Aug;39(4):438-40 **(Fre)**

[Passage into the human milk and clinical evaluation of sulbactam/cefoperazone] Matsuda S, et al. **Jpn J Antibiot** 1985 Feb;38(2):223-9 (Eng. Abstr.) **(Jpn)**

[Fluorine level in the milk of parturients and its effect on connective tissue metabolism in newborn infants] Jendryczko A, et al. **Pediatr Pol** 1984 Jun;59(6):465-9 (Eng. Abstr.) **(Pol)**

[Study of protein synthesis regulating hormones in human milk] Adugamov LF, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):31-3 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

Bacterial growth in human milk during continuous feeding. Lemons PM, et al. **Am J Perinatol** 1983 Oct;1(1):76-80

Group B beta haemolytic disease in preterm twins associated with the ingestion of infected breast milk--a case report. O'Donovan P, et al. **Ir J Med Sci** 1985 Apr;154(4):158-9

Frequency of isolation of enterotoxigenic staphylococci from milk of nursing mothers in Kaduna, Nigeria. Adekeye JD, et al. **J Hyg (Lond)** 1984 Dec;93(3):531-8

Relationships between lysozyme concentration of human milk, bacteriologic content, and weight gain of premature infants. Braun OH, et al. **J Pediatr Gastroenterol Nutr** 1985 Aug;4(4):583-6

Raw expressed human milk and neonatal infection [letter] Davidson DC, et al. **Lancet** 1985 Feb 2;1(8423):279

Randomised controlled trial of effect of raw and holder pasteurised human milk and of formula supplements on incidence of neonatal infection. Narayanan I, et al. **Lancet** 1984 Nov 17;2(8412):1111-3

Postnatal transmission of AIDS-associated retrovirus from mother to infant. Ziegler JB, et al. **Lancet** 1985 Apr 20; 1(8434):896-8

Cytomegalovirus in breast milk of Swedish milk donors. Ahlfors K, et al. **Scand J Infect Dis** 1985;17(1):11-3

[The handling of milk at a human milk bank. Hygienic and bacteriologic considerations] Helin M, et al. **Ugeskr Laeger** 1984 Oct 8;146(41):3156-7 **(Dan)**

[Control of the bacteriologic quality of maternal milk] Lejeune B, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):119-22 (Eng. Abstr.) **(Fre)**

[Intestinal anaerobic nonsporulating microorganisms in healthy newborn infants fed sterile donor milk] Enkhtuiaa R. **Akush Ginekol (Mosk)** 1985 Apr;(4):57-8 **(Rus)**

[Epidemiological assessment of the microbial contamination of the breast milk of healthy women] Budagovskaia SN, et al. **Zh Mikrobiol Epidemiol Immunobiol** 1984 Oct; (10):79-82 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Human breast milk stimulates low density lipoprotein (LDL) binding to human skin fibroblasts in culture. Subbiah MT, et al. **Biochem Biophys Res Commun** 1985 Jan 31; 126(2):667-71

Effect of human milk on plaque pH in situ and enamel dissolution in vitro compared with bovine milk, lactose, and sucrose. Rugg-Gunn AJ, et al. **Caries Res** 1985; 19(4):327-34

Effect of supplemental fluids on human milk production. Dusdieker LB, et al. **J Pediatr** 1985 Feb;106(2):207-11

Human milk lactobezoars. Yoss BS. **J Pediatr** 1984 Nov; 105(5):819-22

Trace elements (copper, zinc, manganese, and selenium) in plasma and erythrocytes in relation to dietary intake during infancy. Hatano S, et al. **J Pediatr Gastroenterol Nutr** 1985 Feb;4(1):87-92

[Bifidobacteria colonization in diversely-fed newborn infants] Bisicchia R, et al. **Pediatr Med Chir** 1984 May-Jun; 6(3):395-400 (Eng. Abstr.) **(Ita)**

RADIATION EFFECTS

Excretion of radionuclides in human breast milk after the administration of radiopharmaceuticals. Ahlgren L, et al. **J Nucl Med** 1985 Sep;26(9):1085-90

Excretion of radioactivity in breast milk after an indium-111 leukocyte scan [letter] Mountford PJ, et al. **J Nucl Med** 1985 Sep;26(9):1096-7

Breast-milk radioactivity after a Tc-99m DTPA aerosol/Tc-99m MAA lung study. Mountford PJ, et al. **J Nucl Med** 1984 Oct;25(10):1108-10

MILK PROTEINS

Nutritional proteins in milk and the protein requirement of normal infants. Räihä NC. **Pediatrics** 1985 Jan;75(1 Pt 2):136-41 (33 ref.)

Human milk protein and medium-chain triglyceride oil supplementation of human milk: plasma amino acids in very low-birth-weight infants. Rönnholm KA, et al. **Pediatrics** 1984 Nov;74(5):792-9

[Safety of a new food product--a dry protein mixture] Maĭstruk PN, et al. **Vopr Pitan** 1984 Sep-Oct;(5):51-4 (Eng. Abstr.) **(Rus)**

ADMINISTRATION & DOSAGE

Preliminary report on histamine release, circulating immune complexes, and complement activation in children with atopic dermatitis after oral challenge with milk and egg antigens. Boner AL, et al. **Ann Allergy** 1985 May; 54(5):442-5

Haemoglobin concentration depends on protein intake in small preterm infants fed human milk. Rönnholm KA, et al. **Arch Dis Child** 1985 Feb;60(2):99-104

Protein-fortified milk in premature infants [letter] Greer FR. **Pediatrics** 1985 Aug;76(2):330-1

[The time for the introduction of cow milk protein and gluten into the diet of infants in two Hungarian villages] Kósnai I, et al. **Orv Hetil** 1985 May 26;126(21):1295-7 (Eng. Abstr.) **(Hun)**

ADVERSE EFFECTS

Elimination diets in eczema [letter] Goriup U, et al. **Arch Dis Child** 1985 Feb;60(2):183-4

Latent anaphylactic sensitisation of infants of low birth weight to cows' milk proteins. Lucas A, et al. **Br Med J [Clin Res]** 1984 Nov 10;289(6454):1254-6

Type I allergy to egg and milk proteins: comparison of skin prick tests with nasal, buccal and gastric provocation tests. Amlot PL, et al. **Int Arch Allergy Appl Immunol** 1985; 77(1-2):171-3

The effect of immediate-type gastrointestinal allergic reactions on brush border enzymes and gut morphology in the rat. Freier S, et al. **Pediatr Res** 1985 May;19(5):456-9

[Immunoglobulin E in small intestinal mucosa: a quantitative analysis] Forget P, et al. **Tijdschr Kindergeneeskd** 1985 Apr; 53(2):56-9 (Eng. Abstr.) **(Dut)**

ANALYSIS

Manganese binding proteins in human and cow's milk. Lönnerdal B, et al. **Am J Clin Nutr** 1985 Mar;41(3):550–9

Preterm milk as a source of protein for low birthweight infants. Lucas A, et al. **Arch Dis Child** 1984 Sep;59(9):831–6

Iron derivatives of modified milk protein. Cremonesi P, et al. **Arzneimittelforsch** 1984;34(9):948–52

A comprehensive study of the relationship between size and protein composition in natural bovine casein micelles. Donnelly WJ, et al. **Biochim Biophys Acta** 1984 Sep 11; 789(2):136–43

Milk proteins: physicochemical and functional properties. Kinsella JE. **CRC Crit Rev Food Sci Nutr** 1984; 21(3):197–262 (198 ref.)

The application of the high-performance ion-exchange chromatography for the analysis of bovine milk proteins. Bican P. **Experientia** 1985 Jul 15;41(7):958–60

Isolation of a specific mu-opiate receptor peptide, morphiceptin, from an enzymatic digest of milk proteins. Chang KJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9706–12

Characterization of an apically derived epithelial membrane glycoprotein from bovine milk, which is expressed in capillary endothelia in diverse tissues. Greenwalt DE, et al. **J Cell Biol** 1985 Feb;100(2):397–408

Does beta-lactoglobulin occur in human milk? Brignon G, et al. **J Dairy Res** 1985 May;52(2):249–54

Quantitation of bovine beta 2-microglobulin: occurrence in body fluids, on milk fat globules and origin in milk. Pringnitz DJ, et al. **Mol Immunol** 1985 Jul;22(7):779–86

A longitudinal study of rhesus monkey (Macaca mulatta) milk composition: trace elements, minerals, protein, carbohydrate, and fat. Lönnerdal B, et al. **Pediatr Res** 1984 Sep;18(9):911–4

Evidence for physiological function of epidermal growth factor: pregestational sialoadenectomy of mice decreases milk production and increases offspring mortality during lactation period. Okamoto S, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6059–63

[The quantitative determination of protein content in milk by means of ultraviolet spectrophotometry. 2. The suitability of the difference of absorbance at 235 and 280 nm for quantitative milk protein analysis] Reichardt W, et al. **Nahrung** 1984;28(10):1019–27 (Eng. Abstr.) **(Ger)**

BIOSYNTHESIS

Effect of 7-methylguanosine-5'-phosphate on the translation of rat milk-protein mRNAs in the wheat-germ cell-free system. Mezl VA, et al. **Biosci Rep** 1984 Jul;4(7):535–40

Human breast epithelium transplanted into nude mice. Proliferation and milk protein production in response to pregnancy. Gusterson BA, et al. **Virchows Arch [A]** 1984; 404(3):325–33

[The effect of exogenous tRNA from different sources on the biosynthesis of milk proteins] Turkovskaia GV, et al. **Mol Biol (Mosk)** 1984 Sep–Oct;18(5):1380–4 (Eng. Abstr.) **(Rus)**

[Study of protein synthesis regulating hormones in human milk] Adugamov LF, et al. **Probl Endokrinol (Mosk)** 1985 Jan–Feb;31(1):31–3 (Eng. Abstr.) **(Rus)**

CHEMICAL SYNTHESIS

Iron derivatives of modified milk protein. Cremonesi P, et al. **Arzneimittelforsch** 1984;34(9):948–52

GENETICS

Maintenance of milk protein gene expression in a subpopulation of 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinoma cells grown on attached collagen gels. Johnson ML, et al. **In Vitro Cell Dev Biol** 1985 Aug; 21(8):439–44

Effects of milk protein genetic variants on milk yield and composition. McLean DM, et al. **J Dairy Res** 1984 Nov; 51(4):531–46

Comparison of the whey acidic protein genes of the rat and mouse. Campbell SM, et al. **Nucleic Acids Res** 1984 Nov 26;12(22):8685–97

IMMUNOLOGY

Severe anemia and chronic bronchitis associated with a markedly elevated specific IgG to cow's milk protein. Cohen GA, et al. **Ann Allergy** 1985 Jul;55(1):38–40

Passage of cows' milk protein in breast milk. Stuart CA, et al. **Clin Allergy** 1984 Nov;14(6):533–5

Ca 125 and Ca 19-9: two cancer-associated sialylsaccharide antigens on a mucus glycoprotein from human milk. Hanisch FG, et al. **Eur J Biochem** 1985 Jun 3;149(2):323–30

Increased serum antibody levels against cow's milk proteins in children with chronic liver disease. Lerner A, et al. **Hepatology** 1985 May–Jun;5(3):488–91

Immediate hypersensitivity reactions to cow milk proteins in isolated epithelium from ileum of milk-drinking guinea-pigs: comparisons with colonic epithelia. Baird AW, et al. **Int Arch Allergy Appl Immunol** 1984; 75(3):255–63

Sequential changes in the antimicrobial protein concentrations in human milk during lactation and its relevance to banked human milk. Lewis-Jones DI, et al. **Pediatr Res** 1985 Jun;19(6):561–5

[Long-term outcome of changes in the intestinal mucosa in intolerance to cow's milk proteins. Apropos of 21 cases] Cathelineau L, et al. **Ann Pediatr (Paris)** 1985 Mar; 32(3):186–91 (Eng. Abstr.) **(Fre)**

[Clinical characteristics in 73 children with allergy to the proteins of cow's milk] Mancini S, et al. **Minerva Pediatr** 1985 Jan 31;37(1–2):49–52 (Eng. Abstr.) **(Ita)**

[Detection of antibodies against bovine protein in the sera of healthy children] Czerwionka-Szaflarska M, et al. **Wiad Lek** 1985 Feb 1;38(3):194–8 (Eng. Abstr.) **(Pol)**

ISOLATION & PURIFICATION

Identification of the milk fat globule membrane proteins. II. Isolation of major proteins from electrophoretic gels and comparison of their amino acid compositions. Basch JJ, et al. **Biochim Biophys Acta** 1985 Aug 8;830(2):127–35

Isolation and characterization of new proteins produced by the infusion of colchicine in goat mammary gland. Groves ML, et al. **Biochim Biophys Acta** 1985 Feb 21;844(2):105–12

A small camel-milk protein rich in cysteine/half-cystine. Beg OU, et al. **Biosci Rep** 1984 Dec;4(12):1065–70

Identification and characterization of the principal proteins of the fat-globule membrane from guinea-pig milk. Johnson VG, et al. **Eur J Biochem** 1985 Sep 2;151(2):237–44

Purification of a mammary-derived growth factor from human milk and human mammary tumors. Bano M, et al. **J Biol Chem** 1985 May 10;260(9):5745–52

Isolation of lactic whey proteins in the form of complexes with apple pectin. Serov AV, et al. **Nahrung** 1985; 29(1):19–30

METABOLISM

Quantity and quality of milk protein intake: metabolic responses in the neonate. Räihä N. **Klin Padiatr** 1985 Mar–Apr;197(2):176–8

Vitamin B6- and protein concentrations in breast milk from mothers of preterm and term infants. Reinken L, et al. **Klin Padiatr** 1985 Jan–Feb;197(1):40–3

Palatability and digestibility of soya- and milk proteins in Callithricidae. Flurer C, et al. **Lab Anim** 1985 Jul; 19(3):245–50

Food proteins and gut mucosal barrier. II. Differential interaction of cow's milk proteins with the mucous coat and the surface membrane of adult and immature rat jejunum. Stern M, et al. **Pediatr Res** 1984 Dec; 18(12):1252–7

[Comparative intestinal absorption of a mixture of milk protein hydrolysates and a mixture of free amino acids of the same composition administered to the conscious pig] Rerat A, et al. **Bull Acad Natl Med (Paris)** 1984 Mar–Apr; 168(3–4):385–91 (Eng. Abstr.) **(Fre)**

[Proteolysis of milk proteins in young children] Nikolaevskaia VR, et al. **Vopr Med Khim** 1984;30(6):80–2 (Eng. Abstr.) **(Rus)**

[Proteolytic activity of the rat stomach in early ontogenesis during artificial feeding with milk substitutes] Stan Ela, et al. **Vopr Med Khim** 1984 Jul–Aug;30(4):78–82 (Eng. Abstr.) **(Rus)**

[Comparative study of proteolysis in the stomach of newborn rats on artificial feeding with a milk substitute of different protein compositions] Chernikov MP, et al. **Vopr Pitan** 1985 May–Jun;(3):33–7 **(Rus)**

[Protein digestibility and energy in diets based on rice and beans in human adults] Vargas E, et al. **Arch Latinoam Nutr** 1984 Mar;34(1):109–29 (Eng. Abstr.) **(Spa)**

PHARMACODYNAMICS

[Linkage relationship among loci determining genetic variants of serum and milk proteins in cattle] Nikiforov VS, et al. **Genetika** 1985 May;21(5):839–44 (Eng. Abstr.) **(Rus)**

[Effect of animal protein supplementation and energy on the protein quality of diets based on rice and beans in adult males] Vargas E, et al. **Arch Latinoam Nutr** 1984 Mar; 34(1):46–68 (Eng. Abstr.) **(Spa)**

SECRETION

Components of variance and covariance between direct and fetal effects in production traits. Cue RI, et al. **J Dairy Sci** 1985 Jul;68(7):1758–62

THERAPEUTIC USE

Effect of casein and whey-protein solutions on caries experience and feeding patterns of the rat. Reynolds EC, et al. **Arch Oral Biol** 1984;29(11):927–33

Pharmacological and toxicological studies on an iron succinyl-protein complex (ITF282) for oral treatment of iron deficiency anemia. Pagella PG, et al. **Arzneimittelforsch** 1984;34(9):952–8

MILK SICKNESS see **PLANT POISONING**

MILKER'S NODES see under **POXVIRUS INFECTIONS**

MILLET see under **CEREALS**

MILROY'S DISEASE see **LYMPHEDEMA**

MIMAE see **ACINETOBACTER**

MIMAE INFECTIONS see **ACINETOBACTER INFECTIONS**

MIMETIC MUSCLES see **FACIAL MUSCLES**

MIMOSINE see under **PYRIDONES**

MINAMATA DISEASE see **MERCURY POISONING**

MINERAL OIL

Mineral oil lipogranulomata in liver and spleen. A study of 465 autopsies. Wanless IR, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):283–6

ADMINISTRATION & DOSAGE

Hydrocarbons in hens injected with inactivated oil adjuvant vaccine. Franchini A, et al. **Poult Sci** 1984 Dec; 63(12):2504–7

ADVERSE EFFECTS

Mule spinner's disease. Castiglione FM Jr, et al. **Arch Dermatol** 1985 Mar;121(3):370–2

Occupational asthma due to an emulsified oil mist. Hendy MS, et al. **Br J Ind Med** 1985 Jan;42(1):51–4

Lipoid pneumonia: an occupational hazard of fire eaters. Beermann B, et al. **Br Med J [Clin Res]** 1984 Dec 22–29; 289(6460):1728–9

Radiographic plain film and CT findings in lipoid pneumonia in infants following aspiration of mineral oil used in the treatment of partial small bowel obstruction by Ascaris lumbricoides. de Oliveira GA, et al. **Pediatr Radiol** 1985; 15(3):157–60

[Lipid pneumonia] Berant M, et al. **Harefuah** 1984 Jun 15; 106(12):568–70 (Eng. Abstr.) **(Heb)**

[Clinical study of systemic and local reactions to the improper use of liquid silicone and/or mineral oil] Gemperli R, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 Jul–Aug; 39(4):158–62 (Eng. Abstr.) **(Por)**

[Effect of industrial oils of Apsheron on the sebaceous-hair system of the skin in workers] Gusein-Zade KM, et al. **Vestn Dermatol Venerol** 1984 Oct;(10):55–8 (Eng. Abstr.) **(Rus)**

POISONING

Mineral seal oil excreted in urine. Wasserman GS, et al. **Vet Hum Toxicol** 1984;26 Suppl 2:7–8

[Used motor oil poisoning in cattle. Report of a clinical case] Doll K. **Tierarztl Prax** 1985;Suppl 1:41–4 (Eng. Abstr.) **(Ger)**

[Toxic lichenoid melanodermatitis] Escudero Ordóñez J, et al. **Med Cutan Iber Lat Am** 1984;12(3):199–202 (Eng. Abstr.) **(Spa)**

TOXICITY

Mutagenic/carcinogenic hazards in a cold-rolling steel plant exposed to mineral oils: environmental monitoring phase. Monarca S, et al. **Int Arch Occup Environ Health** 1984; 54(4):345–54

Genotoxicity studies with mineral oils; effects of oils on the microbial mutagenicity of precursor mutagens and genotoxic metabolites. Watson WP, et al. **Mutat Res** 1985 Apr;149(2):159–70

[Toxico-hygienic evaluation of zinc dialkyldithiophosphates in oil compositions of lubricating-cooling liquids] Porutskii GV, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):54–5 **(Rus)**

MINERAL WATERS

Second International Symposium on Thermal Waters, Geothermics, Bioclimatology and Therapeutic Tourism of the Spa Loutraki, Greece. 10 to 15th September 1983. **Geogr Med** 1984;14:158–263

Search for acid-fast bacilli in bottled mineral waters. Caroli G, et al. **J Appl Bacteriol** 1985 May;58(5):461–3

Skin penetration of minerals in psoriatics and guinea-pigs bathing in hypertonic salt solutions. Shani J, et al. **Pharmacol Res Commun** 1985 Jun;17(6):501–12

[Recurrent cystitis and crenotherapy. 302 cases] Benoit JM, et al. **Ann Urol (Paris)** 1984 Sep;18(5):324–30 (Eng. Abstr.) **(Fre)**

[Comparative effects of oral water load of different mineral compositions on the excretion of ions and oxalic acid] Vanherweghem JL, et al. **Nephrologie** 1984;5(4):184–8 (Eng. Abstr.) **(Fre)**

[Weight increase and chronic experimental poisoning by tobacco smoke in the albino rat. Effect of protection with mineral waters] Federici PC, et al. **Acta Biomed Ateneo Parmense** 1984;55(5–6):235–54 (Eng. Abstr.) **(Ita)**

[The effect of water with medium mineral content on various biohumoral parameters of uric acid metabolism] Tirri G, et al. **Clin Ter** 1984 Sep 30;110(6):591–4 (Eng. Abstr.) **(Ita)**

[Considerations on the therapeutic efficacy of a standard alkaline bicarbonated mineral water in cases of dyspepsia] Gasbarrini G, et al. **Minerva Dietol Gastroenterol** 1985 Jan–Mar;31(1):55–62 (Eng. Abstr.) **(Ita)**

[Role of organic substances in the biological action of Naftusia mineral water] Iaremenko MS, et al. **Fiziol Zh** 1984 Nov–Dec;30(6):751–3 **(Rus)**

[Entrance of substances into the body during balneotherapeutic procedures] Gusarov II, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):40-4 (Eng. Abstr.) **(Rus)**

[Effect of naftusia mineral water at various temperatures on urination in rats] Iaremenko MS, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):45-7 **(Rus)**

[Effect of heat-treated Naftusia mineral water on bile-producing liver function in rats (experimental study)] Iaremenko MS, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):24-6 (Eng. Abstr.) **(Rus)**

[Experimental study of the activity of the myometrium as affected by mineral waters] Keshokova MP, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):32-4 (Eng. Abstr.) **(Rus)**

[Staged treatment of patients with rheumatoid arthritis at a health resort with sulfide waters] Khetagurova ZV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):63-5 **(Rus)**

[The system principle in body reactions to health resort factors] Kuznetsov BG. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):16-9 (Eng. Abstr.) **(Rus)**

[Hormonal mechanism of action of drinking mineral waters in peptic ulcer] Kuznetsov BG, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):1-7 (Eng. Abstr.) **(Rus)**

[Internal use of mineral waters in hyperacid states (bases of the methods)] Lend'el MF, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):14-7 (Eng. Abstr.) **(Rus)**

[Mechanism of action of Tib-2 mineral water from North Ossetia on kidney function] Mozhaeva IV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Jul-Aug;(4):47-9 **(Rus)**

[Effects of a single intake of weakly mineralized Naftusia-type water on gastric pH value] Stetsenko GI, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):46-7 **(Rus)**

[Treatment of patients with ischemic heart disease and concomitant duodenal ulcer at the Dzhermuk health resort] Topchian ZhS, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Nov-Dec;(6):44-5 **(Rus)**

[Moderately mineralized (Obukhovskaia) mineral water and urosulfan electrophoresis in the treatment of children with pyelonephritis] Tret'iakova LF, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):45-7 (Eng. Abstr.) **(Rus)**

[Electroaerosol therapy as a pathogenetic method in the complex treatment of arterial hypotension] Shutov AA, et al. **Zh Nevropatol Psikhiatr** 1984;84(8):1141-6 (Eng. Abstr.) **(Rus)**

ADVERSE EFFECTS

[Osteomalacia disclosing bone fluorosis caused by regular consumption of Vichy Saint-Yorre mineral water (letter)] Arlaud J, et al. **Presse Med** 1984 Nov 3;13(39):2393-4 **(Fre)**

ANALYSIS

[Preliminary observations on the applicability of the in vitro test to detect bacterial endotoxins to bottled water] Leoni V, et al. **Nuovi Ann Ig Microbiol** 1983 Mar-Apr;34(2):121-7 (Eng. Abstr.) **(Ita)**

[Composition and properties of mineral waters in storage] Bunakova GV, et al. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):43-6 **(Rus)**

[Substantiation of the lower limit of dissolved salts in mineral waters] Vitvitskiĭ VV. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 Jan-Feb;(1):65-9 **(Rus)**

CLASSIFICATION

[Criteria for the classification of mineral waters without specific components and properties] Svishchev AA. **Vopr Kurortol Fizioter Lech Fiz Kult** 1984 Sep-Oct;(5):66-8 **(Rus)**

HISTORY

[Role of A.M. Ovchinnikov in developing studies of therapeutic underground waters and their use] Adilov VB. **Vopr Kurortol Fizioter Lech Fiz Kult** 1985 May-Jun;(3):40-3 **(Rus)**

STANDARDS

[Legal requirements, quality criteria, therapeutic interest and dietetics of mineral waters: study of the case of the natural mineral water of Evian] de Preneuf JM. **J Physiol (Paris)** 1984;79(6):547-60 (15 ref.) (Eng. Abstr.) **(Fre)**

[Problems in the preparation and disinfection of medicinal and mineral baths] Eichelsdörfer D. **Schriftenr Ver Wasser Boden Lufthyg** 1984;58:87-95 **(Ger)**

MINERALOCORTICOIDS

ANALYSIS

[Recent findings on mineralocorticoids] Takeda R. **Nippon Naibunpi Gakkai Zasshi** 1984 Dec 20;60(12):1476-87 **(Jpn)**

ANTAGONISTS & INHIBITORS

Progestogens with antimineralocorticoid activity. Losert W, et al. **Arzneimittelforsch** 1985;35(2):459-71

BLOOD

Contribution of sympathetic neural reflexes to mineralocorticoid escape. Romero JC, et al. **Fed Proc** 1985 May;44(8):2382-7 (42 ref.)

Effects of continued adrenocorticotropin stimulation on the mineralocorticoid hormones in classical and nonclassical simple virilizing types of 21-hydroxylase deficiency. Kater CE, et al. **J Clin Endocrinol Metab** 1985 Jun;60(6):1057-62

Evidence for endogenous dopaminergic control of mineralocorticoids secretion in normal subjects and in patients with hyperaldosteronism. Shimizu Y, et al. **Tohoku J Exp Med** 1984 Sep;144(1):33-42

CHEMICAL SYNTHESIS

Synthesis of 19-hydroxyaldosterone and the 3 beta-hydroxy-5-ene analog of aldosterone, active mineralocorticoids. Harnik M, et al. **J Steroid Biochem** 1985 Aug;23(2):207-18

ISOLATION & PURIFICATION

Efficacy of five methods for the bound-free separation of gluco- and mineralocorticoids from type I, II and III receptors found in hepes- and tris-buffered mouse brain cytosol. Luttge WG, et al. **Steroids** 1984 Apr;43(4):429-43

METABOLISM

Apparent mineralocorticoid excess and deficient 11 beta-oxidation of cortisol in a young female. Harinck HI, et al. **Clin Endocrinol (Oxf)** 1984 Nov;21(5):505-14

Hypermineralocorticoidism due to topical application of 9 alpha-fluoroprednisolone [letter] Sanchez M, et al. **Clin Nephrol** 1984 Nov;22(5):267-8

PHARMACODYNAMICS

Effects of dietary potassium depletion and mineralocorticoid excess on renal Cl-conservation in the dog. Hulter HN, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):F104-12

Effects of mineralocorticoids and glucocorticoids on compensatory adrenal growth in rats. Phillips R, et al. **Am J Physiol** 1985 Apr;248(4 Pt 1):E450-6

Steroids alter ion transport and absorptive capacity in proximal and distal colon. Sellin JH, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):G113-9

Effects of serotonin antagonists on blood pressure in mineralocorticoid hypertensive sheep. Mecca TE, et al. **J Cardiovasc Pharmacol** 1985 Jul-Aug;7(4):660-5

Mineralocorticoid regulation of sodium and potassium transport by the cortical collecting duct. Koeppen BM, et al. **Soc Gen Physiol Ser** 1985;39:89-104

[Hypertensinogenic steroids] Kudo K, et al. **Nippon Rinsho** 1984 Nov;42(11):2547-51 (30 ref.) **(Jpn)**

PHYSIOLOGY

Micromethodology for measuring ATPase activity in renal tubules: mineralocorticoid influence. O'Neil RG, et al. **Am J Physiol** 1984 Nov;247(5 Pt 1):C314-20

Disorders of mineralocorticoid activity. Drury PL. **Clin Endocrinol Metab** 1985 Feb;14(1):175-202 (95 ref.)

Antihypertensive effect of riboflavin analogues in spontaneously hypertensive rats. Trachewsky D, et al. **J Lab Clin Med** 1985 Aug;106(2):223-8

MINERALS

Nutritive value of slaughter by-product meals. Hegedüs M. **Acta Vet Hung** 1984;32(3-4):105-16

Dietary intakes of essential nutrients among Mexican-Americans and Anglo-Americans: the San Antonio Heart Study. Knapp JA, et al. **Am J Clin Nutr** 1985 Aug;42(2):307-16

Solid-state phosphorus-31 nuclear magnetic resonance studies of synthetic solid phases of calcium phosphate: potential models of bone mineral. Aue WP, et al. **Biochemistry** 1984 Dec 4;23(25):6110-4

Investigation of the mineral phases of bone by solid-state phosphorus-31 magic angle sample spinning nuclear magnetic resonance. Roufosse AH, et al. **Biochemistry** 1984 Dec 4;23(25):6115-20

Demineralized bone implants. Glowacki J, et al. **Clin Plast Surg** 1985 Apr;12(2):233-41 (61 ref.)

Physicochemical characterization of cryogenically ground, size separated, fibrogenic particles. Thorne PS, et al. **Environ Res** 1985 Feb;36(1):89-110

Dietary status of elite female high school gymnasts: inadequacy of vitamin and mineral intake. Moffatt RJ. **J Am Diet Assoc** 1984 Nov;84(11):1361-3

Observations on a calcium hydroxide lining in retrieved deciduous teeth, with proximal amalgam fillings. Grajower R, et al. **J Oral Rehabil** 1984 Nov;11(6):561-9

[Health consequences of the use of mineral wool products in housing and industrial buildings] Rindel A, et al. **Ugeskr Laeger** 1984 Jul 23;146(30):2255-9 (Eng. Abstr.) **(Dan)**

ADMINISTRATION & DOSAGE

Effects of intraocular irrigating solutions on the corneal endothelium after in vivo anterior chamber irrigation. Glasser DB, et al. **Am J Ophthalmol** 1985 Mar 15;99(3):321-8

Micronutrient requirements of cancer patients. Hoffman FA. **Cancer** 1985 Jan 1;55(1 Suppl):295-300

Remineralization of softened bovine enamel following treatment of overlying plaque with a mineral-enriching solution. Pearce EI, et al. **J Dent Res** 1985 Mar;64(3):416-21

Vitamins and minerals in Down syndrome [letter] Davis DR, et al. **J Pediatr** 1985 Mar;106(3):531

ADVERSE EFFECTS

Small airways disease and mineral dust exposure. Prevalence, structure, and function. Churg A, et al. **Am Rev Respir Dis** 1985 Jan;131(1):139-43

Correlation between cytotoxicity and fibrogenicity of silicosis-inducing dusts. Katsnelson BA, et al. **Med Lav** 1984 Nov-Dec;75(6):450-62

Man-made mineral fibers and health. Answered and unanswered questions. Saracci R. **Scand J Work Environ Health** 1985 Jun;11(3 Spec No):215-22

[Effect of the degree of water mineralization on reproductive function in women] Shtannikov EV, et al. **Gig Sanit** 1984 Sep;(9):20-3 (Eng. Abstr.) **(Rus)**

ANALYSIS

Bone mineral content in preterm infants at age 4 to 16. Helin I, et al. **Acta Paediatr Scand** 1985 Mar;74(2):264-7

Size distributions of airborne superfine man-made mineral fibers determined by transmission electron microscopy. Rood AP, et al. **Am Ind Hyg Assoc J** 1985 May;46(5):257-61

Thiazide diuretics and bone mineral content in postmenopausal women. Adland-Davenport P, et al. **Am J Obstet Gynecol** 1985 Jul 15;152(6 Pt 1):630-4

Mineral dust and cell recovery from the bronchoalveolar lavage of healthy Vermont granite workers. Christman JW, et al. **Am Rev Respir Dis** 1985 Aug;132(2):393-9

Age changes in geometry and mineral content of the lower limb bones. Ruff CB, et al. **Ann Biomed Eng** 1984;12(6):573-84

Radiologic methods for estimation of mineral content of bone [letter] **Ann Intern Med** 1984 Dec;101(6):878-9

Prevalence of bone demineralization in the United States. Mangaroo J, et al. **Bone** 1985;6(3):135-9

Quantitative x ray microanalysis of pulmonary mineral particles in a patient with pneumoconiosis and two primary lung tumours. Anttila S, et al. **Br J Ind Med** 1984 Nov;41(4):468-73

Measurement of lumbar spine bone mineral: a comparison of dual photon absorptiometry and computed tomography. Sambrook PN, et al. **Br J Radiol** 1985 Jul;58(691):621-4

Aqueous density fractionation of mineralizing tissues: an efficient method applied to the preparation of enamel fractions suitable for crystal and protein studies. Menanteau J, et al. **Calcif Tissue Int** 1984 Dec;36(6):677-81

Photon absorptiometry for non-invasive measurement of bone mineral content. Gupta S, et al. **Clin Nucl Med** 1984 Aug;9(8):435-9

Assessment of metabolic bone diseases by quantitative computed tomography. Richardson ML, et al. **Clin Orthop** 1985 May;(195):224-38

Lumbar spine bone mineral content by photon beam absorptiometry. Methodology and application in osteoporosis. Krølner B. **Dan Med Bull** 1985 Jun;32(3):152-70 (103 ref.)

Roentgendensitometric study of the phalanx. Trouerbach WT, et al. **Diagn Imag Clin Med** 1985;54(2):64-77

Mineral particles, mineral fibers, and lung cancer. Churg A, et al. **Environ Res** 1985 Aug;37(2):364-72

Bone mineral measurements and their relation to body density in children, youth and adults. Lohman TG, et al. **Hum Biol** 1984 Dec;56(4):667-79

Deranged mineral content in the bone of patients with chronic renal failure, estimated by computed tomography. Marumo F, et al. **Int J Artif Organs** 1985 Mar;8(2):95-100

'Bone-mineral content in the lower limb. Relationship to cross-sectional geometry' [letter] Leichter I, et al. **J Bone Joint Surg [Am]** 1985 Sep;67(7):1142

Bone-mineral content in the lower limb. Relationship to cross-sectional geometry. Ruff CB, et al. **J Bone Joint Surg [Am]** 1984 Sep;66(7):1024-31

A postprocessing dual energy technique for vertebral CT densitometry. Laval-Jeantet AM, et al. **J Comput Assist Tomogr** 1984 Dec;8(6):1164-7

Long-term reproducibility of quantitative computed tomography vertebral mineral measurements. Graves VB, et al. **J Comput Tomogr** 1985 Jan;9(1):73-6

Assessment of bone mineral. Part 1. Wahner HW, et al. **J Nucl Med** 1984 Oct;25(10):1134-41 (43 ref.)

Assessment of bone mineral. Part 2. Wahner HW, et al. **J Nucl Med** 1984 Nov;25(11):1241-53 (84 ref.)

Inorganic constituents of breast milk from vegetarian and nonvegetarian women: relationships with each other and with organic constituents. Finley DA, et al. **J Nutr** 1985 Jun;115(6):772-81

Mineral content of breast milk from north Indian mothers giving birth preterm and at term--implication for mineral nutrition of preterm infants. Gupta AP, et al. **J Trop Pediatr** 1984 Oct;30(5):286-8

Commercial hair analysis. Science or scam? Barrett S. **JAMA** 1985 Aug 23-30;254(8):1041-5

Bone mineral density and skeletal fractures in familial benign hypercalcemia (hypocalciuric hypercalcemia). Law WM Jr, et al. **Mayo Clin Proc** 1984 Dec;59(12):811-5

The effect of tobacco smoking on the bone mineral content of the ageing skeleton. Rundgren A, et al. **Mech Ageing Dev** 1984 Dec;28(2-3):273-7

A scanning-slit x-ray videoabsorptiometric technique for bone mineral measurement. Dobbins JT 3d, et al. **Med Phys** 1984 Sep-Oct;11(5):582-8

A large-angle coherent/Compton scattering method for measurement in vitro of trabecular bone mineral concentration. Gigante GE, et al. **Med Phys** 1985 May-Jun;12(3):321-6

Quantitative assessment of bone mineral by photon scattering: calibration considerations. Leichter I, et al. **Med Phys** 1985 Jul-Aug;12(4):466-8

Quantitative assessment of bone mineral by photon scattering: accuracy and precision considerations. Shukla SS, et al. **Med Phys** 1985 Jul-Aug;12(4):447-8

Bone mineral content and menstrual regularity in female runners. Linnell SL, et al. **Med Sci Sports Exerc** 1984 Aug;16(4):343-8

Microdissection--elemental analysis of the mineralizing growth cartilage of the normal and rachitic chick. Shapiro IM, et al. **Metab Bone Dis Relat Res** 1984;5(6):317-26

Bone mineral content of female athletes [letter] **N Engl J Med** 1984 Nov 15;311(20):1320-1

Coated and uncoated lung mineral fibres in subjects with and without pleural plaques at autopsy. Andrion A, et al. **Pathol Res Pract** 1984 Jul;178(6):611-6

Formula fixed [letter] Bhatia J. **Pediatrics** 1985 Apr;75(4):800-1

Coherent-Compton scattering for the assessment of bone mineral content using heavily filtered x-ray beams. Webster DJ, et al. **Phys Med Biol** 1985 Jun;30(6):531-9

Hair as indicator of mineral status in Yankassa sheep. Kumaresan A, et al. **Rev Elev Med Vet Pays Trop** 1984;37(1):61-4

Dual-photon absorptiometry of mandibles: in vitro test of a new method. von Wovern N. **Scand J Dent Res** 1985 Apr;93(2):169-77

In vivo measurement of bone mineral content of mandibles by dual-photon absorptiometry. von Wowern N. **Scand J Dent Res** 1985 Apr;93(2):162-8

The WHO/EURO man-made mineral fiber reference scheme. By the WHO/EURO Technical Committee for Monitoring and Evaluating MMMF. **Scand J Work Environ Health** 1985 Apr;11(2):123-9

Man-made mineral fiber size fractions and their interrelation. Schneider T, et al. **Scand J Work Environ Health** 1985 Apr;11(2):117-22

The bone mineral content of the lumbar spine in patients with chronic low-back pain. Hansson T, et al. **Spine** 1985 Mar;10(2):158-60

Influence of tansy ragwort (Senecio jacobaea), dietary copper, and feed restriction on the subcellular distribution of minerals in rat liver. Miranda CL, et al. **Toxicol Appl Pharmacol** 1984 Oct;76(1):62-8

[Comparative experiment on the quality of realgar] Huang HY. **Chung Yao Tung Pao** 1984 Nov;9(6):16-8 **(Chi)**

[Regional differences in the chemical composition of the human tibia] Piatkowski J, et al. **Anat Anz** 1985;158(4):315-22 (Eng. Abstr.) **(Ger)**

[Radiologic studies of the correlation between the mineral content of the peripheral and axial skeleton] Rosenkranz G, et al. **ROFO** 1984 Sep;141(3):341-4 (Eng. Abstr.) **(Ger)**

[Separate measurements of compact and spongy bone density using a transverse rotation scanner. Determination of mineral content of the radius using a least squares algorithm] Schneider VP, et al. **ROFO** 1985 Aug;143(2):178-82 (Eng. Abstr.) **(Ger)**

[The differentiation of parts of paprika fruit by analysis of their mineral constituents] Borszéki J, et al. **Z Lebensm Unters Forsch** 1985 Apr;180(4):292-6 (Eng. Abstr.) **(Ger)**

[Mineral and trace element determination in human osteosarcoma. Case report] Milachowski KA, et al. **Z Orthop** 1984 Nov-Dec;122(6):848-50 (Eng. Abstr.) **(Ger)**

[An assessment of the mineral content in the femur of patients with chronic renal failure by computed tomography] Sakurai K, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1984 Sep 25;44(9):1141-50 (Eng. Abstr.) **(Jpn)**

[Bone mineral measurement using beam scanner with a single source of 241Am] Takahashi S, et al. **Sangyo Ika Daigaku Zasshi** 1983 Jun 1;5(2):291-7 (Eng. Abstr.) **(Jpn)**

[Roentgenostructural phase analysis of urinary calculi. III. Heterogeneity of the phase composition of urinary calculi] Trzaska Durski Z, et al. **Pol Tyg Lek** 1984 Apr 9;39(15):523-5 **(Pol)**

[Mineral components of various food products] Rafalski H, et al. **Rocz Panstw Zakl Hig** 1984;35(6):515-23 (Eng. Abstr.) **(Pol)**

[Photon absorbtiometry--a precise method of determining living bone minerals] Sveshnikov AA. **Arkh Anat Gistol Embriol** 1984 Sep;87(9):87-90 **(Rus)**

[Bone mineral concentration according to the results of photon absorptiometry during treatment of fractures by the transosseous technic] Sveshnikov AA, et al. **Ortop Travmatol Protez** 1985 Jan;(1):40-1 **(Rus)**

[Study of bone tissue minerals in orthopedic-traumatologic clinical practice by means of direct photon absorptiometry (review of the literature)] Sveshnikov AA, et al. **Ortop Travmatol Protez** 1984 Sep;(9):68-71 (29 ref.) **(Rus)**

[Emission photon computed absorptiometry in clinical practice (review of the literature)] Sveshnikov AA, et al. **Vestn Rentgenol Radiol** 1985 May-Jun;(3):74-6 (27 ref.) **(Rus)**

[Practical aspects of various types of analyses of urinary tract calculi--advantages of the roentgen diffraction method] Negrojević M, et al. **Med Pregl** 1984;37(7-8):311-5 (Eng. Abstr.) **(Ser)**

BLOOD

Posthospitalization growth and bone mineral status of normal preterm infants. Feeding with mother's milk or standard formula. Chan GM, et al. **Am J Dis Child** 1985 Sep;139(9):896-8

Osteocalcin in human serum: a circadian rhythm. Gundberg CM, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):736-9

Selective disturbances of serum mineral profiles by electroconvulsive therapy. Papavasiliou PS, et al. **J Nerv Ment Dis** 1985 Jul;173(7):401-5

Mineral homeostasis in very premature infants: serial evaluation of serum 25-hydroxyvitamin D, serum minerals, and bone mineralization. Hillman LS, et al. **J Pediatr** 1985 Jun;106(6):970-80

Dietary effects on content of hepatic lipid, plasma minerals, and tissue ascorbic acid in hens and estrogenized chicks. Brenes A, et al. **Poult Sci** 1985 May;64(5):947-54

[Levels of alkaline phosphatase, quantity and trace elements in the serum and compact bone in the rabbit] Klug W, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):19-24 (Eng. Abstr.) **(Ger)**

[Hemoconcentration in calves in relation to actual and corrected values of metabolic profile parameters] Slanina L, et al. **Vet Med (Praha)** 1984 Jul;29(7):435-45 (Eng. Abstr.) **(Slo)**

DEFICIENCY

Bone mineral loss, bone histomorphometry and vitamin D metabolism in patients with rheumatoid arthritis on long-term glucocorticoid treatment. Lund B, et al. **Clin Rheumatol** 1985 Jun;4(2):143-9

Correlation between protein-energy malnutrition and vitamin-mineral deficiencies in the young. Mejía LA, et al. **Int Z Vitam Ernahrungsforsch [Beih]** 1984;26:45-58 (32 ref.)

[Major demineralization syndrome in acute lymphoblastic leukemia] Margueritte G, et al. **Ann Pediatr (Paris)** 1985 Feb;32(2):109-12 (Eng. Abstr.) **(Fre)**

[Histologic contribution to the study of the hypomineralisation of human dental enamel] Klees L. **Bull Group Int Rech Sci Stomatol Odontol** 1984 Oct;27(4):269-92 (Eng. Abstr.) **(Fre)**

HISTORY

The introduction of a new sixteenth-century drug: terra Silesiaca. Dannenfeldt KH. **Med Hist** 1984 Apr;28(2):174-88

METABOLISM

Effects of insulin on altered mineral and vitamin D metabolism in streptozotocin-induced diabetes. Ishida H, et al. **Acta Endocrinol (Copenh)** 1985 Feb;108(2):231-6

Carbamazepine and bone mineral metabolism. Hoikka V, et al. **Acta Neurol Scand** 1984 Aug;70(2):77-80

Lack of effects of human calcitonin in osteogenesis imperfecta. Pedersen U, et al. **Acta Orthop Scand** 1985 Jun;56(3):260-4

Longitudinal study of calcium metabolism in male puberty. II. Relationship between mineralization and serum testosterone. Krabbe S, et al. **Acta Paediatr Scand** 1984 Nov;73(6):750-5

Longitudinal study of calcium metabolism in male puberty. I. Bone mineral content, and serum levels of alkaline phosphatase, phosphate and calcium. Krabbe S, et al. **Acta Paediatr Scand** 1984 Nov;73(6):745-9

Bone mineral content and estrogen receptors in women with breast tumors. Nielsen HE, et al. **Acta Radiol [Oncol]** 1985 May-Jun;24(3):247-51

Long term studies on bone mineral changes during different lactations in Swedish dairy cattle. Holmberg T, et al. **Acta Vet Scand** 1985;26(1):49-60

Mineral density of calcaneus in men at different ages: a population study with special reference to life-style factors. Suominen H, et al. **Age Ageing** 1984 Sep;13(5):273-81

Mineral contents of brans passed through the human GI tract. Dintzis FR, et al. **Am J Clin Nutr** 1985 May;41(5):901-8

Bone mineral and vitamin D in Aleutian Islanders. Mazess RB, et al. **Am J Clin Nutr** 1985 Jul;42(1):143-6

The effects of simulated increases in body weight for 60 days on robusticity and mineral content of limb bones of hypophysectomized rats. Simon MR, et al. **Anat Rec** 1984 Oct;210(2):333-41

Determination of mineral-organic bonding effectiveness in bone--theoretical considerations. Bundy KJ. **Ann Biomed Eng** 1985;13(2):119-35

Exercise-induced amenorrhea and bone density. Lindberg JS, et al. **Ann Intern Med** 1984 Nov;101(5):647-8

Marked disparity between trabecular and cortical bone loss with age in healthy men. Measurement by vertebral computed tomography and radial photon absorptiometry. Meier DE, et al. **Ann Intern Med** 1984 Nov;101(5):605-12

Diet, exercise, and bone mineral content [letter] York E. **Ann Intern Med** 1985 Mar;102(3):418

Are disease duration and degree of functional impairment determinants of bone loss in rheumatoid arthritis? Als OS, et al. **Ann Rheum Dis** 1985 Jun;44(6):406-11

Effects of a training programme for elderly people on mineral content of the heel bone. Rundgren A, et al. **Arch Gerontol Geriatr** 1984 Oct;3(3):243-8

Effect of hyperthyroidism and its treatment on bone mineral content. Toh SH, et al. **Arch Intern Med** 1985 May;145(5):883-6

A method for radiographic longitudinal study of mineral content during in-vitro demineralization and remineralization of human tooth enamel. Klinger HG, et al. **Arch Oral Biol** 1985;30(4):373-5

Effect of time, degree of saturation, pH and acid concentration of buffer solutions on the rate of in-vitro demineralization of human enamel. Theuns HM, et al. **Arch Oral Biol** 1985;30(1):37-42

Basal plasma levels of calcitonin and bone mineral mass in normal and uremic women. Effect of menopause. Corghi E, et al. **Biomed Pharmacother** 1984;38(5):263-5

Calcium distribution in freeze-dried enamel organ tissue during normal and altered enamel mineralization. Eisenmann DR, et al. **Calcif Tissue Int** 1984 Sep;36(5):596-603

Bone mass as referent for urinary hydroxyproline excretion: age and sex-related changes in 125 normals and in primary hyperparathyroidism. Hyldstrup L, et al. **Calcif Tissue Int** 1984 Dec;36(6):639-44

Life-style and bone mineral mass in perimenopausal women. Johnell O, et al. **Calcif Tissue Int** 1984 Jul;36(4):354-6

The effect of differing dietary calcium and phosphorus contents on mineral metabolism and bone histomorphometry in young vitamin D-replete baboons. Pettifor JM, et al. **Calcif Tissue Int** 1984 Dec;36(6):668-76

Formation and resorption of bone induced by demineralized bone matrix implants in rats. Bauer FC, et al. **Clin Orthop** 1984 Dec;(191):139-43

A role for the intestine in the bone disease of juvenile X-linked hypophosphatemic mice: malabsorption of calcium and reduced skeletal mineralization. Meyer MH, et al. **Endocrinology** 1984 Oct;115(4):1464-70

Relationship between local and total bone mineral in normal pubertal boys. Krabbe S, et al. **Eur J Pediatr** 1984 Dec;143(2):149-51

Initial Tc-99m diphosphonate uptake in mineralized and demineralized bone implants in rats. Lysell L, et al. **Int J Oral Surg** 1985 Aug;14(4):371-5

Mineral X disease interactions. Miller ER. **J Anim Sci** 1985 Jun;60(6):1500-7 (52 ref.)

Effects of fiber and virginiamycin on nutrient absorption, nutrient retention and rate of passage in growing swine. Ravindran V, et al. **J Anim Sci** 1984 Aug;59(2):400-8

Mineralization and heat resistance of bacterial spores. Marquis RE, et al. **J Bacteriol** 1985 Feb;161(2):789-91

Some properties of carbonic anhydrase from mineralizing hamster molars. Dogterom AA, et al. **J Biol Buccale** 1985 Mar;13(1):19-25

Mineral parameters in early fracture repair. Lane JM, et al. **J Bone Joint Surg [Am]** 1984 Oct;66(8):1289-93

Vertebral body bone mineral content in hyperprolactinemic women. Koppelman MC, et al. **J Clin Endocrinol Metab** 1984 Dec;59(6):1050-3

The relation between calcium absorption, serum dehydroepiandrosterone, and vertebral mineral density in postmenopausal women. Nordin BE, et al. **J Clin Endocrinol Metab** 1985 Apr;60(4):651-7

Effect of long term treatment with calcitriol on calcium absorption and mineral metabolism in postmenopausal osteoporosis. Riggs BL, et al. **J Clin Endocrinol Metab** 1985 Sep;61(3):457-61

Effects of a short course of estrogen on mineral metabolism in postmenopausal women. Stock JL, et al. **J Clin Endocrinol Metab** 1985 Oct;61(4):595-600

Protein, fiber, and mineral nutrition of growing dairy goats. Randy HA, et al. **J Dairy Sci** 1984 Dec;67(12):2974-7

Movement and absorption of major minerals and water in ovine gastrointestinal tract. Sklan D, et al. **J Dairy Sci** 1985 Jul;68(7):1659-66

Neutron diffraction studies of collagen in fully mineralized bone. Bonar LC, et al. **J Mol Biol** 1985 Jan 20;181(2):265-70

Stimulation of absorption of volatile fatty acids and minerals in the cecum of rats adapted to a very high fiber diet. Demigné C, et al. **J Nutr** 1985 Jan;115(1):53-60

Absorption, dosage, and effect on mineral homeostasis of 25-hydroxycholecalciferol in premature infants: comparison with 400 and 800 IU vitamin D2 supplementation. Hillman LS, et al. **J Pediatr** 1985 Jun; 106(6):981-9

Mineral balance during nutritional supplementation in adolescents with Crohn disease and growth failure. Motil KJ, et al. **J Pediatr** 1985 Sep;107(3):473-9

Effects of parathyroidectomy on bone formation and mineralization in hemodialyzed patients. Charhon SA, et al. **Kidney Int** 1985 Feb;27(2):426-35

Increasing skeletal involution in the elderly? Ringe JD, et al. **Mech Ageing Dev** 1985 Jan;29(1):83-8

Three-dimensional distribution of mineral in bone at a resolution of 15 micron determined by x-ray microtomography. Elliott JC, et al. **Metab Bone Dis Relat Res** 1984;5(5):219-21

Contrasting effects of 1.25-dihydroxyvitamin D3 on bone matrix and mineral appositional rates in the mouse. Marie PJ, et al. **Metabolism** 1985 Aug;34(8):777-83

Effect of low doses of stable strontium on bone metabolism in rats. Marie PJ, et al. **Miner Electrolyte Metab** 1985; 11(1):5-13

Disturbances in mineral metabolism after successful renal transplantation. Sakhaee K, et al. **Miner Electrolyte Metab** 1985;11(3):167-72

Fermentation of glycerol by the flora of immature dental plaque, before and after rinsing with a mineralising solution containing urea and glycerol. Gallagher IH, et al. **NZ Dent J** 1985 Jan;81(363):20-2

Bone structure, composition, and mineralization. Boskey AL, et al. **Orthop Clin North Am** 1984 Oct;15(4):597-612 (49 ref.)

Skin penetration of minerals in psoriatics and guinea-pigs bathing in hypertonic salt solutions. Shani J, et al. **Pharmacol Res Commun** 1985 Jun;17(6):501-12

Effects of dietary saturated or unsaturated fatty acids and calcium levels on performance and mineral metabolism of broiler chicks. Atteh JO, et al. **Poult Sci** 1984 Nov; 63(11):2252-60

Biological availability of manganese sources and effects of high dietary manganese on tissue mineral composition of broiler-type chicks. Black JR, et al. **Poult Sci** 1984 Oct; 63(10):1999-2006

Bone mineral loss during centre and home haemodialysis. Influence of vitamin D metabolites and serum parathyroid hormone. Rickers H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:435-40

Skeletal development, mineral and vitamin D nutrition in low birthweight infants. Steichen JJ, et al. **Prog Clin Biol Res** 1985;163B:403-8

Bone mineralization in infants. Koo WW, et al. **Prog Food Nutr Sci** 1984;8(3-4):229-302 (506 ref.)

Effects of Maillard's reaction products on apparent mineral absorption in different parts of the digestive tract. The role of microflora. Andrieux C, et al. **Reprod Nutr Dev** 1984; 24(4):379-86

Mineralization of short term pericardial cardiac patch grafts. Frasca P, et al. **Scan Electron Microsc** 1984;(Pt 2):973-7

Mineral-metabolic side effects of low-dose antacids. Weberg R, et al. **Scand J Gastroenterol** 1985 Aug;20(6):741-6

Effect of the anticarcinogenic drug 6-mercaptopurine on mineral metabolism in the mouse. Amemiya K, et al. **Toxicol Lett** 1985 Apr;25(1):55-62

Ultrastructural study of mineral fiber uptake by hepatocytes in vitro. Denizeau F, et al. **Toxicol Lett** 1985 Aug; 26(2-3):119-26

Mineral nutrition of Aerobacter aerogenes for valine production in a synthetic medium. Mukhopadhyay AK, et al. **Zentralbl Mikrobiol** 1985;140(2):103-6

[Determination of bone mineral levels: long-term reproducibility and results in pathological conditions] Kapitola J, et al. **Cas Lek Cesk** 1984 Jun 29;123(26):794-7 (Eng. Abstr.) **(Cze)**

[Intestinal absorption of minerals in newborn and premature infants] Salle B, et al. **Arch Fr Pediatr** 1984 Oct;41(8):523-5 **(Fre)**

[Bone density determination using 125I-densitometry in idiopathic scoliosis] Matzen KA, et al. **Digitale Bilddiagn** 1984 Dec;4(4):171-5 (Eng. Abstr.) **(Ger)**

[Mineral metabolism in fractures based on results of photon absorptiometry] Svešnikov AA, et al. **Radiol Diagn (Berl)** 1985;26(3):407-12 (Eng. Abstr.) **(Ger)**

[Quantity and trace elements in callus in secondary fracture healing; animal experiment study] Klug W, et al. **Z Exp Chir Transplant Kunstliche Organe** 1985;18(1):25-32 (Eng. Abstr.) **(Ger)**

[Assessment of bone mineralization and iron reserves in infants fed cow's milk and a follow-up formula] Tatò L, et al. **Minerva Pediatr** 1985 Feb 15;37(3):97-101 (Eng. Abstr.) **(Ita)**

[Mineral metabolism of bones in osteomyelitis] Sveshnikov AA, et al. **Patol Fiziol Eksp Ter** 1984 Jul-Aug;(4):63-5 (Eng. Abstr.) **(Rus)**

PHARMACODYNAMICS

The chemiluminescent response of human phagocytic cells to mineral dusts. Gormley IP, et al. **Br J Exp Pathol** 1985 Aug;66(4):409-16

Immediate and delayed effects of an enzyme-dependent mineralizing mouthrinse on dental plaque. Schamschula RG, et al. **J Dent Res** 1985 Mar;64(3):454-6

Pulpal response to a calcium hydroxide material for capping exposures. Ford TR. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):194-7

[Effect of preparation MP-15 on the productivity and metabolism of lactating cows] Mel'nichuk DA, et al. **Ukr Biokhim Zh** 1985 May-Jun;57(3):44-9 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Fluoride and bone mineralization: an important issue in dentistry. Frachella JC. **ASDC J Dent Child** 1984 Nov-Dec;51(6):417-21

THERAPEUTIC USE

Current attitudes of oncologists regarding hormonal mineral and nutritional support during cancer chemotherapy. Greenspan EM. **Cancer Invest** 1985;3(1):101-3

Gingival and bacterial plaque response to instrumentation, oral hygiene instruction and nutritional therapy. Jones BW Jr, et al. **J Periodontol** 1985 Sep;56(9):558-61

Pregnant women's absorption of iron from prenatal supplements. Babior BM, et al. **J Reprod Med** 1985 Apr; 30(4):355-7

Periconceptional vitamin supplementation to prevent recurrence of neural tube defects [letter] Seller MJ. **Lancet** 1985 Jun 15;1(8442):1392-3

Regression of atherosclerotic lesions and control of plasma lipids and lipoprotein cholesterol by Anna Pavala Sindhooram therapy. Dhandapani K, et al. **Pharmacol Res Commun** 1984 Aug;16(8):737-54

[Clinical experimental test and equilibrimetric measurements of the therapeutic action of a homeopathic drug consisting of ambra, cocculus, Conium and mineral oil in the diagnosis of vertigo and nausea] Claussen CF, et al. **Arzneimittelforsch** 1984;34(12):1791-8 (Eng. Abstr.) **(Ger)**

[Vitamins and minerals in the elderly] Reuter HD. **Med Monatsschr Pharm** 1984 Dec;7(12):365-9 **(Ger)**

TOXICITY

Cocarcinogenic and tumor promoting properties of asbestos and other minerals in tracheobronchial epithelium. Mossman BT, et al. **Carcinog Compr Surv** 1985;8:217-38

Interaction of Mount St. Helens' volcanic ash with cells of the respiratory epithelium. Adler KB, et al. **Environ Res** 1984 Dec;35(2):346-61

Immunomodulatory effects of mineral dust. I. Effects of intraperitoneal dust inoculation on splenic lymphocyte function and humoral immune responses in vivo. Hannant D, et al. **J Clin Lab Immunol** 1985 Feb;16(2):81-5

[Comparative evaluation of the toxic and fibrogenic properties of sylvinite dust after inhalation] Chuĭko MP, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):34-7 (Eng. Abstr.) **(Rus)**

URINE

[Mineral and trace elements in human urine] Schramel P, et al. **J Clin Chem Clin Biochem** 1985 May;23(5):293-301 (Eng. Abstr.) **(Ger)**

MINIATURE SWINE see **SWINE, MINIATURE**

MINIATURIZATION see under **ELECTRONICS**

MINICOMPUTERS see under **COMPUTERS**

MINIMAL BRAIN DYSFUNCTION see **ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY**

MINING

Field validation study of the MDA Instant Working Level Meter in a high gamma background mine environment. Engleman SD, et al. **Am Ind Hyg Assoc J** 1984 Oct; 45(10):708-13

Lung cancer mortality among men living near an arsenic-emitting smelter. Pershagen G. **Am J Epidemiol** 1985 Oct;122(4):684-94

Mortality of lead smelter workers. Selevan SG, et al. **Am J Epidemiol** 1985 Oct;122(4):673-83

Effects of a two-year inhalation exposure of rats to coal dust and/or diesel exhaust on tension responses of isolated airway smooth muscle. Fedan JS, et al. **Am Rev Respir Dis** 1985 Apr;131(4):651-5

Lung cancer among underground workers in the iron ore mine of Kiruna based on thirty years of observation. Jorgensen HS. **Ann Acad Med Singapore** 1984 Apr;13(2 Suppl):371-7

Metals in riparian wildlife of the lead mining district of southeastern Missouri. Niethammer KR, et al. **Arch Environ Contam Toxicol** 1985 Mar;14(2):213-23

Radon daughter exposure in mines, smoking and lung cancer. Edling C. **Arh Hig Rada Toksikol** 1983 Dec;34(4):265-73

Respiratory morbidity in wollastonite workers. Hanke W, et al. **Br J Ind Med** 1984 Nov;41(4):474-9

Severe diffuse small airways abnormalities in long term chrysotile asbestos miners. Wright JL, et al. **Br J Ind Med** 1985 Aug;42(8):556-9

Accumulation of lead in fish from Missouri streams impacted by lead mining. Czarnezki JM. **Bull Environ Contam Toxicol** 1985 May;34(5):736-45

Enhancement of lung cancer by cigarette smoking in uranium and other miners. Archer VE. **Carcinog Compr Surv** 1985; 8:23-37

The levels of immunoglobulins (IgG, IgA, IgM) in the four seasons in uranium miners. Andrlíková J, et al. **Czech Med** 1985;8(2):112-8

Theoretical models for determining 222Rn and 220Rn progeny levels in Canadian underground U mines--a comparison with experimental data. Bigu J. **Health Phys** 1985 Apr;48(4):371-99

Lead-210 in uranium mine and mill workers. Palmer HE, et al. **Health Phys** 1984 Oct;47(4):632-4

Comments on 'A comparison of alpha spectroscopy and gross alpha techniques for determining working level in uranium mines and houses' [letter] Scott AG. **Health Phys** 1985 Aug; 49(2):319-21

The radiological impact of mining in a Th-rich Norwegian area. Stranden E. **Health Phys** 1985 Apr;48(4):415-20

The Soroako nickel project: a healthy development? Robinson K. **Int J Health Serv** 1985;15(2):301-19

A retrospective cohort mortality study of iron ore (hematite) miners in Minnesota. Lawler AB, et al. **J Occup Med** 1985 Jul;27(7):507-17

Underground mining, smoking, and lung cancer: a case-control study in the iron ore municipalities in northern Sweden. Damber L, et al. **JNCI** 1985 Jun;74(6):1207-13

Iron ore mining: assessing morbidity. Field GB. **Med J Aust** 1985 Jul 22;143(2):68-9

Iron ore mining: assessing the environment. Major G. **Med J Aust** 1985 Jul 22;143(2):66-8

Iron ore mining. Description of the industry and potential risks to health. Musk AW. **Med J Aust** 1985 Jul 22; 143(2):64-6

Chronic hazards and acute enforcement: dilemma for occupational health enforcement policy. Weeks JL, et al. **Milbank Mem Fund Q** 1985 Winter;63(1):127-40

Improvement in conditions at an amalgamation plant after an industrial hygiene survey. Rendall RE, et al. **S Afr Med J** 1984 Sep 15;66(11):413-4

Cancer incidence among workers exposed to radon and thoron daughters at a niobium mine. Solli HM, et al. **Scand J Work Environ Health** 1985 Feb;11(1):7-13

Pre-operational environmental survey at the uranium mine and mill site, Poços de Caldas, Minas Gerais, Brazil. Amaral EC, et al. **Sci Total Environ** 1985 Apr;42(3):257-66

On the epidemiology of yaws in African miners (1942). Hackett CJ. **Trans R Soc Trop Med Hyg** 1984;78(4):536-8

Physiological performance and work capacity of tin mine labourers infested with schistosomiasis in Zaire. van Ee JH, et al. **Trop Geogr Med** 1984 Sep;36(3):259-66

[Lung tissue in intratracheal exposure to mine dust] Mikhaĭlova A, et al. **Probl Khig** 1984;9:112-6 (Eng. Abstr.) **(Bul)**

[Prevalence of silicosis and the effect of control measures in a lead mine] Lou JZ. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Oct;7(5):281-4 (Eng. Abstr.) **(Chi)**

[Mercury poisoning and the occupational health of mercury miners] Wu DL. **Chung Hua Yu Fang I Hsueh Tsa Chih** 1984 Jul;18(4):207-9 (Eng. Abstr.) **(Chi)**

[Incidence of meniscal lesions in persons working underground in comparison with the rest of the population] Mikeš K. **Acta Chir Orthop Traumatol Cech** 1985 Apr; 52(2):138-41 (Eng. Abstr.) **(Cze)**

[The effect of the age of miners on the development of occupational hearing loss] Janisch R. **Cesk Otolaryngol** 1985 Jun;34(3):163-8 (Eng. Abstr.) **(Cze)**

[Medically diagnosed alcoholic morbidity in wine-producing and mining cantons of Languedoc] Balmes JL, et al. **Ann Gastroenterol Hepatol (Paris)** 1984 Dec;20(6):357-62 (Eng. Abstr.) **(Fre)**

[Pneumoconiosis at a phosphate mine] Cörnea G, et al. **Tunis Med** 1983 May-Jun;61(3):205-14 (Eng. Abstr.) **(Fre)**

[EMG method in assessing diaphragmatic paralysis in a miner as an occupational disease] Oral I, et al. **Z Erkr Atmungsorgane** 1984;162(3):244-8 (Eng. Abstr.) **(Ger)**

[Results of an epidemiologic analysis on the pathogenesis of chronic obstructive bronchitis in miners] Roth J, et al. **Z Erkr Atmungsorgane** 1985;164(3):277-9 (Eng. Abstr.) **(Ger)**

[Possibilities and results of industrial psychologic cooperation in the industrial health advisory process--a report of experiences] Findeisen c, et al. **Z Gesamte Hyg** 1984 Jul; 30(7):393-5 (Eng. Abstr.) **(Ger)**

[Field application of instruments using radiation. 4. Geophysical prospecting] Fujii S. **Radioisotopes** 1985 Feb; 34(2):112-5 **(Jpn)**

[Field application of instruments using radiation. 3. Nuclear well logging in oil wells] Miyairi M. **Radioisotopes** 1985 Feb;34(2):108-11 **(Jpn)**

[Health conditions in the mining industry] Hanoa R. **Tidsskr Nor Laegeforen** 1984 Dec 20;104(35-36):2492-6 **(Nor)**

[Polish asbestos and its fibrogenic effect. I. Fibrous minerals in nickel ore deposits] Woźniak H. **Med Pr** 1984; 35(6):417-26 (Eng. Abstr.) **(Pol)**

[Experimental study of the toxicity of nitric oxide] Borisova

LB, et al. **Gig Sanit** 1985 Apr;(4):89-90 **(Rus)**

[Hygienic estimation of the working conditions of drift miners during underground geological prospecting in the highland districts of Kirghiz] Kasymov OT, et al. **Gig Sanit** 1984 Nov;(11):74-6 **(Rus)**

[Health status of students at mining technology schools] Kharkovenko NM, et al. **Gig Sanit** 1984 Jul;(7):80-1 **(Rus)**

[Study of the dynamics of skin and throat automicroflora and the bacterial contamination of underwear in miners] Kozlov OIu, et al. **Gig Sanit** 1984 Oct;(10):88-9 **(Rus)**

[Clinico-morphological manifestations of silicosis in miners in complex-ore mines] Abdrashitova GA, et al. **Gig Tr Prof Zabol** 1985 Jan;(1):14-7 (Eng. Abstr.) **(Rus)**

[Bacterial contamination of the air in deep potassium mines] Ashel'rod AA, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):10-3 (Eng. Abstr.) **(Rus)**

[Evaluation of total vibration load and various medico-biological factors for predicting the time of onset of vibration disease in miners] Balan GM, et al. **Gig Tr Prof Zabol** 1984 Oct;(10):13-6 (Eng. Abstr.) **(Rus)**

[Removal of the dust from the air of the work area in the dressing plant of the Iultinskiĭ Ore Enrichment Combine] Bolotov AM. **Gig Tr Prof Zabol** 1985 May;(5):51-2 **(Rus)**

[Changes in the automicroflora of the skin of underground miners] Kozlov OIu, et al. **Gig Tr Prof Zabol** 1985 Mar;(3):53-5 **(Rus)**

[Prevention of vibration disease in the mining industry] Vyshchipan VF, et al. **Gig Tr Prof Zabol** 1985 Apr;(4):4-7 (Eng. Abstr.) **(Rus)**

[Clinical features of newly diagnoses siderosilicotuberculosis among miners] Afonin AP. **Probl Tuberk** 1984 Nov;(11):28-31 (Eng. Abstr.) **(Rus)**

[Dermatologic morbidity and skin function in miners in deep potassium mines] Ashel'rod AA, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):34-8 (Eng. Abstr.) **(Rus)**

[Cardiovascular diseases in workers in the mining industry] Koval'chuk AA, et al. **Vrach Delo** 1984 Aug;(8):107-9 (Eng. Abstr.) **(Rus)**

[Pneumoconiosis in Chile] Prenafeta J. **Rev Med Chil** 1984 May;112(5):511-5 (Eng. Abstr.) **(Spa)**

ADVERSE EFFECTS

[Bronchial cancer in miners from the coal beds of the Lorraine basin] Dechoux J, et al. **Rev Mal Respir** 1985;2(2):69-74 (Eng. Abstr.) **(Fre)**

INSTRUMENTATION

[Air dust content in highly efficient air conditioners] Grebtsov EM, et al. **Gig Tr Prof Zabol** 1984 Aug;(8):47 **(Rus)**

MINIPIGS see **SWINE, MINIATURE**

MINK

Characterization of antigenic variation among mink enteritis virus isolates. Parrish CR, et al. **Am J Vet Res** 1984 Dec;45(12):2591-9

Carcinoma of the anal sac glands in ranch mink. Hadlow WJ. **Vet Pathol** 1985 May;22(3):206-18

Vertebral chordoma in two ranch mink. Hadlow WJ. **Vet Pathol** 1984 Sep;21(5):533-6

Nonsuppurative meningoencephalomyelitis of unknown etiology in mink. Schmitz JA, et al. **Vet Pathol** 1985 Mar;22(2):112-6

Euthanasia of mink with carbon monoxide. Lambooy E, et al. **Vet Rec** 1985 Apr 13;116(15):416

[Vaccination of rabbits and fur animals] Matthes S. **Tierarztl Prax** 1985;13(1):107-12 (Eng. Abstr.) **(Ger)**

GENETICS

Cotransfer and phenotypic stabilisation of syntenic and asyntenic mink genes into mouse cells by chromosome-mediated gene transfer. Sukoyan MA, et al. **MGG** 1984;196(1):97-104

[Inactivation of the cluster of rRNA genes in the chromosome pair no. 2 in Aleutian minks] Grafodatskiĭ AS, et al. **Dokl Akad Nauk SSSR** 1985 May-Jun;282(1):171-2 **(Rus)**

[Genetic transformation of mutant mouse cells by metaphase mink chromosomes] Sukoian MA, et al. **Dokl Akad Nauk SSSR** 1984 Jul-Aug;277(1):219-22 **(Rus)**

GROWTH & DEVELOPMENT

Efficiency of utilisations of food energy by female growing minks. Burlacu G, et al. **Arch Tierernahr** 1984 Oct;34(10):739-47

METABOLISM

Vitamin E requirement of mink with special reference to tocopherol composition in plasma, liver, and adipose tissue. Työppönen J, et al. **Am J Vet Res** 1984 Sep;45(9):1790-4

Heavy metal concentrations in tissues of mink in Virginia. Ogle MC, et al. **Bull Environ Contam Toxicol** 1985 Jul;35(1):29-37

Effects of dietary hexachlorobenzene exposure on regional brain biogenic amine concentrations in mink and European ferrets. Bleavins MR, et al. **J Toxicol Environ Health** 1984;14(2-3):363-77

MICROBIOLOGY

Immunoenzyme Western blotting analysis of antibody specificity in Aleutian disease of mink, a parvovirus infection. Porter DD, et al. **J Virol** 1984 Dec;52(3):745-9

A non-haemagglutinating isolate of mink enteritis virus. Rivera E, et al. **Vet Microbiol** 1984 Aug;9(4):345-53

PHYSIOLOGY

Water and electrolyte balance in male mink (Mustela vison) on varying dietary NaCl intake. Eriksson L, et al. **Acta Physiol Scand [Suppl]** 1984;537:59-64

Role of prolactin in the photoperiodic control of moulting in the mink (Mustela vison). Martinet L, et al. **J Endocrinol** 1984 Oct;103(1):9-15

Effect of progesterone and medroxyprogesterone acetate on pregnancy length and litter size in mink. Jarosz SJ, et al. **Lab Anim Sci** 1985 Apr;35(2):156-8

MINK ENCEPHALOPATHY VIRUS see under **VERTEBRATE VIRUSES, UNCLASSIFIED**

MINNESOTA MULTIPHASIC PERSONALITY INVENTORY see **MMPI**

MINOCYCLINE see under **TETRACYCLINES**

MINOR HISTOCOMPATIBILITY LOCI

Reduction of lethal graft-versus-host disease: transplantation of cultured murine bone marrow across minor histocompatibility differences. Mauch P, et al. **Blood** 1985 Sep;66(3):542-7

Differential resistance to growth of a tumor expressing incompatible minor alloantigens reflects regulatory influences rather than differences in anti-minor-CTL-P frequencies. Carayanniotis G, et al. **Cell Immunol** 1985 Mar;91(1):100-10

Mouse histocompatibility-related genes are not conserved in other mammals. Rogers JH. **EMBO J** 1985 Mar;4(3):749-53

T cell receptors for responses to Mls determinants and allo-H-2 determinants appear to be encoded on different chromosomes. Webb SR, et al. **J Exp Med** 1985 Jan 1;161(1):269-74

Immune responses in vitro. XIII. MLR detectability of Mlsa-, Mlsb-, Mlsc-, and Mlsd-encoded products. Click RE, et al. **J Immunol** 1985 May;134(5):2948-52

Expression of Lyb-5 and Mls determinants by Peyer's patch B lymphocytes of X-linked immunodeficient mice. Eldridge JH, et al. **J Immunol** 1984 Nov;133(5):2308-11

Graft-vs-host reactions (GVHR) across minor murine histocompatibility barriers. I. Impairment of mitogen responses and suppressor phenomena. Holda JH, et al. **J Immunol** 1985 Mar;134(3):1397-402

The target minor H antigen for F1 cytotoxic T lymphocytes induced by Igh-congenic parental spleen cells is coded for by gene linked to H-2. Ishikawa H, et al. **J Immunol** 1985 May;134(5):2953-9

H-41, a new minor histocompatibility locus. I. Histogenetic analysis. Juretić A, et al. **J Immunol** 1984 Dec;133(6):2950-4

In vivo treatment of neonatal mice with anti-I-A antibodies interferes with the development of the class I, class II, and Mls-reactive proliferating T cell subset. Kruisbeek AM, et al. **J Immunol** 1985 Jun;134(6):3597-604

Graft-vs-host reactions (GVHR) across minor murine histocompatibility barriers. II. Development of natural suppressor cell activity. Maier T, et al. **J Immunol** 1985 Sep;135(3):1644-51

Functional clonal deletion of class I-specific cytotoxic T lymphocytes by veto cells that express antigen. Rammensee HG, et al. **J Immunol** 1984 Nov;133(5):2390-6

Soluble suppressor of T cell proliferation in primary in vitro response to murine minor histocompatibility antigens. Solana R, et al. **Rev Esp Fisiol** 1984 Sep;40(3):341-52

Effects of genetic background on transmission of incompatibility resulting from mutant minor histocompatibility genes. Busker AE, et al. **Transplantation** 1984 Oct;38(4):424-7

Absence of correlation between cytolytic T lymphocytes and lethal murine graft-versus-host disease in response to minor histocompatibility antigens. Hamilton BL. **Transplantation** 1984 Oct;38(4):357-60

Alloreactive T cell responses between HLA-identical siblings. Detection of anti-minor histocompatibility T cell clones induced in vivo. Irle C, et al. **Transplantation** 1985 Sep;40(3):329-33

Antigen competition in cytotoxic T cell response to minor histocompatibility antigens. Lai PK. **Transplantation** 1985 Jun;39(6):638-43

An analysis of tissue-specific transplantation phenomena in a minor histoincompatibility system. Simeonovic CJ, et al. **Transplantation** 1985 Jun;39(6):661-6

[Induction of T cells--producers of a macrophage migration-inhibitory factor by minor histocompatibility antigens] Kharkevich DD, et al. **Biull Eksp Biol Med** 1984 Dec;98(12):703-5 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

Minor antigen graft-versus-host reactions revealed in irradiated spleen and popliteal lymph node assays. Claman HN, et al. **Transplantation** 1984 Oct;38(4):392-5

MINORITY GROUPS

Clinical management of communicativeiy handicapped minority language populations. **ASHA** 1985 Jun;27(6):29-32

Minorities and the health professions in the 1980s. Hanft RS. **Health Aff (Millwood)** 1984 Winter;3(4):71-84

Federal drug abuse policy and minority group issues--reflections of a participant-observer. Brown BS. **Int J Addict** 1985 Jan;20(1):203-15 (20 ref.)

An evaluation of the referral and rehabilitation process among the minority handicapped. Baldwin CH, et al. **Int J Rehabil Res** 1984;7(3):299-315

Recruitment: for minority students by minority students. Thurmond VB, et al. **J Med Assoc Ga** 1984 Dec;73(12):814-5

Occupational medicine: a challenge to comprehensive medical care [editorial] DeLain E. **J Natl Med Assoc** 1984 Nov;76(11):1061-2

Impact of an intervention program on minority medical students' National Board Part I performance. Frierson HT Jr. **J Natl Med Assoc** 1984 Dec;76(12):1185-90

The underrepresented in graduate medical education and medical research. Pinn VW. **J Natl Med Assoc** 1984 Sep;76(9):857-62

Ethnic minorities and health. Johnson MR. **J R Coll Physicians Lond** 1984 Oct;18(4):228-30

Entry of black and other minority students into U.S. medical schools. Historical perspective and recent trends. Shea S, et al. **N Engl J Med** 1985 Oct 10;313(15):933-40

The restraint of progress. Declining participation of blacks and other minorities in medical schools. Johnson L Jr. **NY State J Med** 1985 Apr;85(4):135-6

Legal and administrative barriers to health care. Lief BJ. **NY State J Med** 1985 Apr;85(4):126-7

Minorities and New York medical schools. Past failures and the prospect for future successes. Watts RK, et al. **NY State J Med** 1985 Apr;85(4):148-50

EDUCATION

Minority student enrollment in higher education institutions with communicative disorders programs. Cole L, et al. **ASHA** 1985 Jun;27(6):33-7

Minority deaf students: an overview. Wallace N, et al. **ASHA** 1985 Jun;27(6):28, 25

Influential factors in recruitment and retention of minority students in a community college. Quintilian EM. **J Allied Health** 1985 Feb;14(1):63-70

PSYCHOLOGY

Minority group status and treatment retention. Brown BS, et al. **Int J Addict** 1985 Feb;20(2):319-35

Myths and stereotypes in minority groups. Rendon M. **Int J Soc Psychiatry** 1984 Winter;30(4):297-309

Minority type human mate preference. Thelen TH. **Soc Biol** 1983 Summer;30(2):162-80

MINOXIDIL see under **PYRIMIDINES**

MINUTE VIRUS OF MICE see under **PARVOVIRIDAE**

MIOPITHECUS TALAPOIN see **CERCOPITHECIDAE**

MIOTICS

Pupillary constriction by bradykinin and capsaicin: mode of action. Wahlestedt C, et al. **Eur J Pharmacol** 1984 Nov 27;106(3):577-83

DIAGNOSTIC USE

Arecoline miosis [letter] Babikian PV, et al. **Am J Ophthalmol** 1984 Oct 15;98(4):514-5

PHARMACODYNAMICS

[Neurotransmitter control of pupillary motoricity in man] De Marinis M, et al. **Boll Soc Ital Biol Sper** 1984 Dec 30;60(12):2353-8 (Eng. Abstr.) **(Ita)**

THERAPEUTIC USE

[Study on 'cui xing an' in lowering intraocular pressure and miosis. Part II. Preliminary observation on its therapeutic effect on primary open-angle glaucoma] Yang BL. **Chung Hua Yen Ko Tsa Chih** 1984 Jan;20(1):14-8 **(Chi)**

MIREX see under **INSECTICIDES, ORGANOCHLORINE**

MIRROR WRITING see **DOMINANCE, CEREBRAL**

MISARTICULATION see **ARTICULATION DISORDERS**

MISCARRIAGE see **ABORTION**

MISONIDAZOLE see under **NITROIMIDAZOLES**

MISSIONS AND MISSIONARIES

Primary care and the pattern of disease in a rural area of the Argentine Chaco. Brett MT. **Bull Pan Am Health Organ** 1984;18(2):115-26

Directory lists service opportunities abroad [news] Glasbrenner K. **JAMA** 1984 Dec 14;252(22):3097-115

A mission doctor's experiences in West Africa. du Toit ML. **S Afr Med J** 1984 Nov 17;66(20):775-8

HISTORY

Dr. Robert McClure: missionary-surgeon extraordinaire. Trent B. **Can Med Assoc J** 1985 Feb 15;132(4):431-4, 437, 441

Missionary doctors vs Chinese patients: credibility of missionary health care in early twentieth century China. Cheung YW, et al. **Soc Sci Med** 1985;21(3):309-17

MISTLETOE see **VISCUM**

MISUSE, EQUIPMENT see **EQUIPMENT FAILURE**

MITE INFESTATIONS

Demodectic mites and chalazion. English FP, et al. **Am J Ophthalmol** 1985 Sep 15;100(3):482-3

Northern fowl mite dermatitis [letter] Congly H. **Can Med Assoc J** 1985 Apr 1;132(7):738

COMPLICATIONS

[Parasitism of human hair follicle mites and its relation to the histopathology of rosacea] Yang LQ. **Chi Sheng Chung Hsueh Yu Chi Sheng Chung Ping Tsa Chih** 1984;2(4):249-52 (Eng. Abstr.) **(Chi)**

DIAGNOSIS

[Demodicosis of the eye] Chuistova IP, et al. **Oftalmol Zh** 1985;(3):174-6 (38 ref.) **(Rus)**

DRUG THERAPY

Synthesis and structure-activity studies on aliphatic carbamates and thiocarbamates toxic to scabies mites, Psoroptes spp. (Acari: Psoroptidae). Kochansky JP, et al. **J Econ Entomol** 1985 Jun;78(3):599-606

ETIOLOGY

Polypodium fern wreaths (Hagnaya). A new source of occupational mite dermatitis. Shelley WB, et al. **JAMA** 1985 Jun 7;253(21):3137-8

OCCURRENCE

[Dissemination of trombiculiasis in Prague and the surrounding recreational areas] Daniel M, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):144-8 (Eng. Abstr.) **(Cze)**

PARASITOLOGY

A new technique for the isolation of Demodex bovis from preserved infected material. Abu-Samra MT, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):319-21

PREVENTION & CONTROL

[Control of dust mites (Dermatophagoides pteronyssinus) through the use of a fungicide. Experimental observations. Clinical trial in children allergic to Dermatophagoides] Leclercq-Foucart J, et al. **Rev Med Liege** 1985 Feb 1; 40(3):91-9 **(Fre)**

TRANSMISSION

A unique case of human ophthalmic acariasis caused by Orthohalarachne attenuata (Banks, 1910) (Acari: Halarachnidae). Webb JP Jr, et al. **J Parasitol** 1985 Jun; 71(3):388-9

VETERINARY

Comparative efficacy of injection routes and doses of ivermectin against Psoroptes in rabbits. Wright FC, et al. **Am J Vet Res** 1985 Mar;46(3):752-4

Effect of ivermectin in heifers on mortality and egg production of Psoroptes ovis. Wright FC, et al. **Am J Vet Res** 1984 Oct;45(10):2132-4

Demodex flagellurus sp. n. (Acari: Demodicidae) from the preputial and clitoral glands of the house mouse, Mus musculus L. Bukva V. **Folia Parasitol (Praha)** 1985; 32(1):73-81 passim

Ivermectin treatment of notoedric mange in two fox squirrels. Evans RH. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1437-8

Mite (Schizocarpus mingaudi) infestations of ranch-raised beavers. Foreyt WJ, et al. **J Am Vet Med Assoc** 1984 Dec 1;185(11):1414-5

Successful treatment of audycoptid mange in a black bear. Gillespie D, et al. **J Am Vet Med Assoc** 1984 Dec 1; 185(11):1433

Prophylactic efficiency and longevity of polyvinyl chloride strips containing permethrin for control of northern fowl mites (Acari: Macronyssidae) on caged chickens. Hall RD, et al. **J Econ Entomol** 1984 Oct;77(5):1224-8

The treatment of canine demodecosis with amitraz. Davis DA. **J S Afr Vet Assoc** 1985 Mar;56(1):43-6

A new cause of cattle mange in South Africa: Psorergates bos Johnston. Oberem PT, et al. **J S Afr Vet Assoc** 1984 Sep;55(3):121-2

Psorergatic acariasis in vervet monkeys. Seier JV. **Lab Anim** 1985 Jul;19(3):236-9

Diagnostic exercise. Cutaneous acariasis. Baskin GB, et al. **Lab Anim Sci** 1984 Dec;34(6):602-3

Treatment of pulmonary acariasis in rhesus macaques with ivermectin. Joseph BE, et al. **Lab Anim Sci** 1984 Aug; 34(4):360-4

House mouse mites infesting laboratory rodents. Levine JF, et al. **Lab Anim Sci** 1984 Aug;34(4):393-4

Demodicosis in cats. Ackerman L. **Mod Vet Pract** 1984 Oct; 65(10):751-2

Evaluation of a topical treatment, alone and in combination with a detergent, for generalized demodicosis. Folz SD, et al. **Vet Parasitol** 1985 Jan;17(2):165-72

Clinical evaluation of amitraz as a treatment for canine demodicosis. Folz SD, et al. **Vet Parasitol** 1984 Nov; 16(3-4):335-41

Development and transmission of psoroptic mange of cattle in feed lots in endemic and non-endemic regions. Guillot FS, et al. **Vet Parasitol** 1984 Oct;16(1-2):127-35

Psoroptic ear mange (Psoroptes cuniculi, Delafond, 1859) in domestic and wild ruminants in Israel. Yeruham I, et al. **Vet Parasitol** 1985 Apr;17(4):349-53

Ivermectin as an ectoparasiticide in snakes. Lawrence K. **Vet Rec** 1984 Oct 27;115(17):441-2

Outbreak of psoroptic mange in cattle. Linklater KA, et al. **Vet Rec** 1984 Sep 1;115(9):211-2

Demodicosis of an African buffalo (Syncerus caffer caffer) in captivity. Bukva V, et al. **Zentralbl Veterinarmed [B]** 1984 Sep;31(8):627-33

[Role of Varroa jacobsoni Oudemans in the bee family as a carrier of microorganisms] Shabanov M. **Acta Microbiol Bulg** 1984;15:78-82 (Eng. Abstr.) **(Bul)**

[Treatment of ear mange in rabbits with ivermectin] Prosl H, et al. **Berl Munch Tierarztl Wochenschr** 1985 Feb 1; 98(2):45-7 (Eng. Abstr.) **(Ger)**

[1st successful results in the treatment of Notoedres cati with ivermectin] Bigler B, et al. **Schweiz Arch Tierheilkd** 1984 Jul;126(7):365-7 (Eng. Abstr.) **(Ger)**

[Trombiculid mite--Neotrombicula autumnalis (Shaw 1790)--in veterinary medicine. Nervous systems in dogs following massive infestation] Prosl H, et al. **Tierarztl Prax** 1985;13(1):57-64 (Eng. Abstr.) **(Ger)**

[Ectoparasites of rodents of the urban region of Belo Horizonte, MG. I. Interaction between ectoparasites and hosts] Linardi PM, et al. **Mem Inst Oswaldo Cruz** 1984 Apr-Jun;79(2):239-47 (Eng. Abstr.) **(Por)**

MITES

Storage mites as a cause of bronchial asthma in Denmark. Korsgaard J, et al. **Allergol Immunopathol (Madr)** 1985 Mar-Apr;13(2):143-9

The importance of dermatophagoides in Capri. Esposito V, et al. **Arch Monaldi** 1984 Jan-Apr;39(1-2):95-100

Acarapis mites on honeybees. de Chaneet G, et al. **Aust Vet J** 1984 Oct;61(10):322-3

Role of house dust mites in Kawasaki disease [letter] Murray AB, et al. **Can Med Assoc J** 1984 Oct 1;131(7):720

Occurrence of the ear canker mite, Otodectes cynotis (Hering), on the wolverine, Gulo gulo (L.). Wilson N, et al. **J Wildl Dis** 1985 Apr;21(2):180

House dust mite allergies in military personnel. King MJ, et al. **Milit Med** 1985 Jan;150(1):19-22

Dermatophagoides--the house dust mite. Green WF. **Papua New Guinea Med J** 1983 Jun;26(2):86-8

Occurrence of Austroglycyphagus malaysiensis on the egg laying bowl of Culex quinquefasciatus. Ho TM. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):426-7

Scrub typhus and chiggers in northern Thailand. Takada N, et al. **Southeast Asian J Trop Med Public Health** 1984 Sep; 15(3):402-6

[Dissemination of trombiculiasis in Prague and the surrounding recreational areas] Daniel M, et al. **Cesk Epidemiol Mikrobiol Imunol** 1985 May;34(3):144-8 (Eng. Abstr.) **(Cze)**

[Storage mites as a cause of housing or occupational allergy] Korsgaard J, et al. **Ugeskr Laeger** 1984 Jul 9;146(28):2114-7 (Eng. Abstr.) **(Dan)**

[Mites and the nuisance of biting mites] Svendsen UG, et al. **Ugeskr Laeger** 1985 Jun 3;147(23):1830-3 (Eng. Abstr.) **(Dan)**

[Occurrence of housedust mites (Astigmata; Pyroglyphidae) in stables] Enge A, et al. **Angew Parasitol** 1984 Aug; 25(3):132-41 (Eng. Abstr.) **(Ger)**

[Varroatosis control in West Germany (current status and future prospects)] Rojahn A. **DTW** 1985 Mar 8;92(3):103-7 (Eng. Abstr.) **(Ger)**

[Distribution of house-dust mites in the houses of asthmatic children in Japan] Otani T, et al. **Arerugi** 1984 Aug; 33(8):454-62 (Eng. Abstr.) **(Jpn)**

[Automarking of gamasid mites and fleas in the nests of common redbacked voles in winter (based on radioisotope labelling data)] Al'bov SA, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):63-7 (Eng. Abstr.) **(Rus)**

ANALYSIS

Effect of vacuum cleaning on house dust mites. Massey JE, et al. **Hawaii Med J** 1984 Nov;43(11):404, 406

ANATOMY & HISTOLOGY

Demodectic oviposition in the eyelid. English FP, et al. **Aust N Z J Ophthalmol** 1985 Feb;13(1):71-3

Demodex flagellurus sp. n. (Acari: Demodicidae) from the preputial and clitoral glands of the house mouse, Mus musculus L. Bukva V. **Folia Parasitol (Praha)** 1985; 32(1):73-81 passim

CLASSIFICATION

Standardization of allergens. Qualitative definition of house dust mite extracts following electroblotting and detection of components with antibody and lectin probes. Tovey ER, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):322-9

Studies on Papua New Guinea chiggers (Acari: Trombiculidae). XII. A new species of Gahrliepia from the Long-footed Melomys. Goff ML. **J Med Entomol** 1984 Sep 28;21(5):524-6

A new species of Gahrliepia (Acari: Trombiculidae) from a Shrew-hedgehog (Insectivora) in China. Goff ML. **J Med Entomol** 1984 Nov 29;21(6):690-1

Nasal mites from birds of a Guatemalan cloud forest (Acarina: Rhinonyssidae). Spicer GS. **J Parasitol** 1984 Oct; 70(5):794-802

Trombiculid mites of Sunter, North Jakarta Indonesia. Hadi TR, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar;16(1):126-7

[Fauna of dust-dwelling mites in the Maritime Territory] Tareev VN, et al. **Parazitologiia** 1985 Jan-Feb;19(1):27-31 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Reduction of house dust mite allergen levels in the home: use of the acaricide, pirimiphos methyl. Mitchell EB, et al. **Clin Allergy** 1985 May;15(3):235-40

Synthesis and structure-activity studies on aliphatic carbamates and thiocarbamates toxic to scabies mites, Psoroptes spp. (Acari: Psoroptidae). Kochansky JP, et al. **J Econ Entomol** 1985 Jun;78(3):599-606

ENZYMOLOGY

Epoxide forming and degrading enzymes in the spider mite, Tetranychus urticae. Mullin CA, et al. **Comp Biochem Physiol [C]** 1984;79(1):85-92

GENETICS

Comparative studies on the karyotypes of Leptotrombidium deliense, L. fletcheri, and L. arenicola (Acari: Trombiculidae). Shirai A, et al. **J Med Entomol** 1984 Sep 28;21(5):616-7

GROWTH & DEVELOPMENT

In vitro rearing of the northern fowl mite (Acari: Macronyssidae). Fletcher MG, et al. **J Econ Entomol** 1984 Dec;77(6):1504-6

Hatching of northern fowl mite eggs held at different temperatures and humidities. Crystal MM. **J Parasitol** 1985 Feb;71(1):122-4

House mouse mites infesting laboratory rodents. Levine JF, et al. **Lab Anim Sci** 1984 Aug;34(4):393-4

[Control of dust mites (Dermatophagoides pteronyssinus) through the use of a fungicide. Experimental observations. Clinical trial in children allergic to Dermatophagoides] Leclercq-Foucart J, et al. **Rev Med Liege** 1985 Feb 1; 40(3):91-9 **(Fre)**

[Colonization of fungal cultures by the predatory mite Proctolaelaps pygmaeus (Müller, 1860)] Listemann H. **Mykosen** 1984 Dec;27(12):615-8, 621-2 (Eng. Abstr.) **(Ger)**

[Activity of new hormonomimetic compounds of the juvenile hormone type in relation to selected insects] Styczyńska B, et al. **Rocz Panstw Zakl Hig** 1984;35(4):303-15 (Eng. Abstr.) **(Pol)**

[Cultivation of Dermatophagoides pteronyssinus] Ivanov LN, et al. **Med Parazitol (Mosk)** 1985 Jan-Feb;(1):46-9 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Hyposensitization with a tyrosine adsorbed extract of Dermatophagoides pteronyssinus in adults with perennial rhinitis. A controlled clinical trial. Blainey AD, et al. **Allergy** 1984 Oct;39(7):521-8

Characterization of allergens in a crude extract of Dermatophagoides farinae and their identification in a new purified preparation. Dale S, et al. **Allergy** 1984 Nov; 39(8):572-85

Standardization of house dust mite extracts. Liberation of allergenic and antigenic components in relation to extraction conditions. Kauffman HF, et al. **Allergy** 1985 Apr;40(3):143-50

House dust mite allergy. Mosbech H. **Allergy** 1985 Feb; 40(2):81-91 (93 ref.)

Characterization of IgE and IgG antibody responses to Dermatophagoides farinae in rats. Nordvall SL, et al. **Allergy** 1985 Jan;40(1):7-14

Allergy to storage mites or cow dander as a cause of rhinitis among Finnish dairy farmers. Terho EO, et al. **Allergy** 1985 Jan;40(1):23-6

Pulmonary function and bronchial hyperreactivity in asthmatic children with house dust mite allergy during prolonged stay in the Italian Alps (Misurina, 1756 m). Boner AL, et al. **Ann Allergy** 1985 Jan;54(1):42-5

Influence of hyposensitization with Dermatophagoides pteronyssinus extract on clinical score, total and specific IgE levels, and skin test in asthmatic patients. Delaunois L, et al. **Ann Allergy** 1985 Aug;55(2):150-2

Safety and efficacy of salbutamol aerosol on Dermatophagoides farinae induced bronchospasm in asthmatic patients. Giulekas D, et al. **Ann Allergy** 1984 Nov;53(5):422-5

Non-allergic bronchial hyperreactivity in asthmatic children decreases with age and increases with mite immunotherapy. Murray AB, et al. **Ann Allergy** 1985 Jun;54(6):541-4

Allergenicity and immunogenicity of house-dust mite (Dermatophagoides farinae) antigens treated with glutaraldehyde. Nakada S, et al. **Ann Allergy** 1985 May;54(5):437-41

Dust mite avoidance in the treatment of asthma [editorial] Platts-Mills TA. **Ann Allergy** 1985 Sep;55(3):419-20

Calcium phosphate adjuvanted allergens. Relyveld EH, et al. **Ann Allergy** 1985 Jun;54(6):521-9

Mites and house dust allergy. IV. Antigen and allergen(s) of Dermatophagoides pteronyssinus extract. Biliotti G, et al. **Clin Allergy** 1975 Mar;5(1):69-77

Comparison of the stability of a mite and a pollen extract stored in normal conditions of use. Bousquet J, et al. **Clin Allergy** 1985 Jan;15(1):29-35

Seasonal asthma and the house-dust mite in tropical Africa. Cookson JB, et al. **Clin Allergy** 1975 Dec;5(4):375-80

Housedust mites (D. pteronyssinus) in pets' beds and their relation to dust allergy. Eaton KK, et al. **Clin Allergy** 1985 Mar;15(2):151-4

Methods of destroying house dust pyroglyphid mites. Penaud A, et al. **Clin Allergy** 1975 Mar;5(1):109-14

Quantitative aspects of the T cell proliferation response to antigen P1 from D. pteronyssinus: suppression by added histamine and limited effects of basophil depletion. Rawle FC, et al. **Clin Exp Immunol** 1985 Jan;59(1):101-9

A new approach to immunotherapy for house dust mite (D. pteronyssinus) allergy with high dosage of an aluminium adsorbed extract. Eaton K. **Curr Med Res Opin** 1984;9(4):235-9

Recognition of species-specific and cross-reacting antigenic determinants on house dust mite (Dermatophagoides) allergens using monoclonal antibodies. Chapman MD, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):166-8

Standardization of Dermatophagoides pteronyssinus: assessment of potency and allergen content in ten coded extracts. Ford AW, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):58-67

Genetic control of in vivo IgE antibody production specific to Dermatophagoides farinae. Ishikawa T, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):210-2

Relationship between specific circulating IgE, basophil cell-bound IgE and histamine release induced by purified allergens of Dermatophagoides farinae. Le Mao J, et al. **Int Arch Allergy Appl Immunol** 1985;76(4):289-95

Mites of the genus Dermatophagoides in dust from the houses of asthmatic and other allergic patients in North America: development of a radioimmunoassay for allergen produced by D. farinae and/or D. pteronyssinus. Platts-Mills TA, et al. **Int Arch Allergy Appl Immunol** 1985;77(1-2):163-5

Detection of house dust mite allergens and frequency of IgE binding following electroblotting and enzyme immunoassay. Tovey ER, et al. **Int Arch Allergy Appl Immunol** 1985;76(1):82-5

Quantitation and thermal stability of the mite allergen DPT 12 in whole mite extracts. Ackland J, et al. **J Allergy Clin Immunol** 1984 Dec;74(6):848-54

The association between Dermatophagoides mites and the increasing prevalence of asthma in village communities within the Papua New Guinea highlands. Dowse GK, et al. **J Allergy Clin Immunol** 1985 Jan;75(1 Pt 1):75-83

A collaborative study on the first international standard of Dermatophagoides pteronyssinus (house dust mite) extract. Ford A, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):676-86

Allergens of the house dust mite Dermatophagoides farinae--immunochemical studies of four allergenic fractions. Haida M, et al. **J Allergy Clin Immunol** 1985 Jun;75(6):686-92

Sensitization to house dust mites in different climatic areas. Murray AB, et al. **J Allergy Clin Immunol** 1985 Jul;76(1):108-12

Clinical and immunologic evaluation of tyrosine-adsorbed Dermatophagoides pteronyssinus extract: a double-blind placebo-controlled trial. Pauli G, et al. **J Allergy Clin Immunol** 1984 Oct;74(4 Pt 1):524-35

Recognition of two Dermatophagoides pteronyssinus-specific epitopes on antigen P1 by using monoclonal antibodies: binding to each epitope can be inhibited by serum from dust mite-allergic patients. Chapman MD, et al. **J Immunol** 1984 Nov;133(5):2488-95

Characterization of Sarcoptes scabiei var. canis (Acari: Sarcoptidae) antigens and induced antibodies in rabbits. Arlian LG, et al. **J Med Entomol** 1985 May 24;22(3):321-3

Remission of life-long atopic dermatitis after hyposensitisation to house dust mite. Chait I, et al. **Practitioner** 1985 Jul;229(1405):609, 612

[Skin tests, RAST and provocation tests with a purified acarian extract (Pharmalgen) in respiratory hypersensitivity] Nicod L, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1769-70 (Eng. Abstr.) **(Fre)**

[Choice of positive criteria in specific bronchial provocation tests with a purified acarian extract (Pharmalgen)] Nicod L, et al. **Schweiz Med Wochenschr** 1984 Dec 1;114(48):1771-3 (Eng. Abstr.) **(Fre)**

[Frequency of sensitization to D. pteronyssinus or D. farinae in children with perennial bronchial asthma] Zimmermann T, et al. **Monatsschr Kinderheilkd** 1985 Apr;133(4):214-8 (Eng. Abstr.) **(Ger)**

[The increase in serum IgE and anti-Dermatophagoides pteronyssinus (anti-DP) specific IgE levels during stay at home in institutionalized asthmatic children. The role of house dust mite in the dwelling as a trigger of asthma attack in mite-sensitive patients] Muto K, et al. **Arerugi** 1985 Mar;34(3):173-83 (Eng. Abstr.) **(Jpn)**

[Detection of serum IgG, IgG4 antibodies to mites (Dermatophagoides farinae) in patients with bronchial asthma and in healthy children through the use of enzyme-linked immunosorbent assay] Tazawa M, et al. **Arerugi** 1985 Jun;34(6):379-86 (Eng. Abstr.) **(Jpn)**

[Nonimmunological activities of the house dust mite, Dermatophagoides farinae. I. Intracutaneous test in nonimmunized animals] Tokuyama K, et al. **Arerugi** 1985 Apr;34(4):213-7 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Storage mites culturing, sampling technique, identification and their role in housedust allergy in rural areas in the United Kingdom. Eaton KK, et al. **Ann Allergy** 1985 Jul;55(1):62-7

A new technique for the isolation of Demodex bovis from preserved infected material. Abu-Samra MT, et al. **Ann Trop Med Parasitol** 1984 Jun;78(3):319-21

[Mite fauna of the dust in the dwellings of bronchial asthma patients in the Lithuanian SSR] Dubinina EV, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):63-7 (Eng. Abstr.) **(Rus)**

[Ecology and the mite fauna of house dust] Ivanova LN, et al. **Med Parazitol (Mosk)** 1984 Sep-Oct;(5):78-82 (Eng. Abstr.) **(Rus)**

MICROBIOLOGY

[Role of Varroa jacobsoni Oudemans in the bee family as a carrier of microorganisms] Shabanov M. **Acta Microbiol Bulg** 1984;15:78-82 (Eng. Abstr.) **(Bul)**

PARASITOLOGY

A mass dissection method for collecting infective larvae of Litomosoides carinii from mites. Nakamura M, et al. **Jpn J Exp Med** 1984 Oct;54(5):221-4

[Prevalence of oribatid mites on sheep pastures and their role as intermediate host for the sheep tapeworm Moniezia expansa] Skorski P, et al. **Berl Munch Tierarztl Wochenschr** 1984 Aug 1;97(8):291-5 (Eng. Abstr.) **(Ger)**

PATHOGENICITY

Skin lesions of papular urticaria induced experimentally by Cheyletus malaccensis and Chelacaropsis sp. (Acari: Cheyletidae). Yoshikawa M. **J Med Entomol** 1985 Jan 18;22(1):115-7

[Mites in house dust and human allergoses] Zhëltikova TM, et al. **Biol Nauki** 1985;(2):12-30 (100 ref.) (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Effect of ivermectin in heifers on mortality and egg production of Psoroptes ovis. Wright FC, et al. **Am J Vet Res** 1984 Oct;45(10):2132-4

Pheromones and other semiochemicals of the acari. Sonenshine DE. **Annu Rev Entomol** 1985;30:1-28 (94 ref.)

Modified flotation technique for quantitative determination of mite populations in feedstuffs. Thind BB, et al. **J Assoc Off Anal Chem** 1984 Sep-Oct;67(5):866-8

Evidence of a juvenile-hormone-like compound in the reproduction of Dermanyssus gallinae (Acari: Dermanyssidae). Oliver JH Jr, et al. **J Med Entomol** 1985 May 24;22(3):281-6

In vitro feeding of Psoroptes ovis (Acari:Psoroptidae). Deloach JR. **Vet Parasitol** 1984 Oct;16(1-2):117-25

[The longevity of mites of the species Psoroptes ovis, Psoroptes cuniculi and Chorioptes bovis separate from the host] Liebisch A, et al. **DTW** 1985 May 7;92(5):181-5 (Eng. Abstr.) **(Ger)**

MITHRAMYCIN

Applications of fluorochromes to pollen biology. I. Mithramycin and 4',6-diamidino-2-phenylindole (DAPI) as vital stains and for quantitation of nuclear DNA. Coleman AW, et al. **Stain Technol** 1985 May;60(3):145-54

ADMINISTRATION & DOSAGE

Treatment of cancer-associated hypercalcemia with mithramycin and oral etidronate disodium. Shevrin DH, et al. **Clin Pharm** 1985 Mar-Apr;4(2):204-5

ADVERSE EFFECTS

Hepatic toxicity of low doses of mithramycin in hypercalcemia. Green L, et al. **Cancer Treat Rep** 1984 Nov;68(11):1379-81

[Acute fatal hepatorenal failure during treatment with mithramycin] Hémon Y, et al. **Ann Fr Anesth Reanim** 1985;4(3):301-3 (Eng. Abstr.) **(Fre)**

PHARMACODYNAMICS

[Comparative studies of the effect of mithramycin and calcitonin on small intestine and pancreas function in the rat] Heuer LJ, et al. **Dtsch Z Verdau Stoffwechselkr** 1984;44(2):45-9 (Eng. Abstr.) **(Ger)**

TOXICITY

Species-specific differences in the toxicity and mutagenicity of the anticancer drugs mithramycin, chromomycin A3, and olivomycin. Singh B, et al. **Cancer Res** 1985 Jun;45(6):2813-20

MITOBRONITOL see under **MANNITOL**

MITOCHONDRIA

The mitoribosomes. Curgy JJ. **Biol Cell** 1985;54(1):1-38 (384 ref.)

Comparative subcellular fractionation of control and cold-adapted rat brown and white adipose tissue with special reference to peroxisomal and mitochondrial distributions. Karmali A, et al. **Cell Biochem Funct** 1984 Jul;2(3):155-60

Mitochondrial origins. Yang D, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4443-7

[Question marks and exclamation marks surrounding mitochondrial heredity] Brdička R. **Cas Lek Cesk** 1985 May 31;124(22):677-80 (Eng. Abstr.) **(Cze)**

ANALYSIS

Genetic variability of proteins from mitochondria and mitochondrial fractions of mouse organs. Jungblut P, et al. **Biochem Genet** 1985 Apr;23(3-4):227-45

Isolation of a cAMP receptor protein from yeast mitochondria (Mr 45000) and comparison with mitochondrial RNA polymerase (Mr 45000). Bandlow W, et al. **Biol Chem Hoppe Seyler** 1985 Jun;366(6):545-53

Nucleotide sequence preservation of human leukemic mitochondrial DNA. Monnat RJ Jr, et al. **Cancer Res** 1985 Apr;45(4):1809-14

Enzyme-linked immunosorbent assay (ELISA) studies of the interaction between mammalian and avian anti-thermogenin antibodies and brown-adipose-tissue mitochondria from different species. Hansen ES, et al. **Comp Biochem Physiol [B]** 1984;79(3):441-5

Novel opioid peptides derived from mitochondrial cytochrome b: cytochrophins. Brantl V, et al. **Eur J Pharmacol** 1985 May 8;111(2):293-4

Solution structure of mitochondrial cytochrome c. II. 1H nuclear magnetic resonance of ferrocytochrome c. Moore GR, et al. **J Mol Biol** 1985 Jun 5;183(3):429-46

Comparison of the solution and crystal structures of mitochondrial cytochrome c. Analysis of paramagnetic shifts in the nuclear magnetic resonance spectrum of ferricytochrome c. Williams G, et al. **J Mol Biol** 1985 Jun 5;183(3):447-60

Solution structure of mitochondrial cytochrome c. I. 1H nuclear magnetic resonance of ferricytochrome c. Williams G, et al. **J Mol Biol** 1985 Jun 5;183(3):409-28

Yeast may not contain histone H1: the only known 'histone H1-like' protein in Saccharomyces cerevisiae is a mitochondrial protein. Certa U, et al. **Nucleic Acids Res** 1984 Nov 12;12(21):7975-85

Primary sequence and partial secondary structure of the 12S kinetoplast (mitochondrial) ribosomal RNA from Leishmania tarentolae: conservation of peptidyl-transferase structural elements. de la Cruz VF, et al. **Nucleic Acids Res** 1985 Apr 11;13(7):2337-56

Characterization of a mitochondrial protein binding to single-stranded DNA. Mignotte B, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1703-16

The 3' end of large ribosomal subunit RNA from mosquito mitochondria: homogeneity of transcribed moieties. Dubin DT, et al. **Plasmid** 1985 Mar;13(2):139-44

DRUG EFFECTS

Properties of mitochondria treated with 1-chloro-2,4-dinitrobenzene. Jocelyn PC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1588-90

Relationship between growth inhibition and mitochondrial function in petite-negative yeasts. II. Effects of central nervous system drugs upon pathogenic and non-pathogenic Candida species. Marmiroli N, et al. **Biol Cell** 1985;53(1):75-9

The effect of anthralin (dithranol) on mitochondria. Morlière P, et al. **Br J Dermatol** 1985 May;112(5):509-15

The mitochondrial genetic system as a target for chemotherapy: tetracyclines as cytostatics. Kroon AM, et al. **Cancer Lett** 1984 Nov;25(1):33-40

Novobiocin inhibition of DNA excision repair may occur through effects on mitochondrial structure and ATP metabolism, not on repair topoisomerases. Downes CS, et al. **Carcinogenesis** 1985 Sep;6(9):1343–52

Interference of cyclosporin with lymphocyte proliferation: effects on mitochondria and lysosomes of cyclosporin-sensitive or -resistant cell clones. Koponen M, et al. **Cell Immunol** 1985 Jul;93(2):486–96

Effects of progestins and antiprogestins on mitochondria in uterine glandular cells in the rat. A quantitative investigation. Secchi J, et al. **Cell Tissue Res** 1984; 238(2):247–52

Effect of chlorophenols on isolated plant mitochondria activities: a QSAR study. Ravanel P, et al. **Ecotoxicol Environ Safety** 1985 Jun;9(3):300–20

Detection of primary antimitochondrial activity of drugs in cultured mammalian cells utilizing glutamine as the carbon source. Patel R, et al. **Exp Cell Biol** 1984;52(3):176–82

Specific inhibition of the testicular mitochondrial respiratory chain in vitro by gossypol. Kim I, et al. **J Androl** 1984 Nov–Dec;5(6):424–30

Rhodamine 123 alters the mitochondrial ultrastructure of cultured L1210 cells. Evenson DP, et al. **J Histochem Cytochem** 1985 Apr;33(4):353–9

Calcium enhances in vitro free radical-induced damage to brain synaptosomes, mitochondria, and cultured spinal cord neurons. Braughler JM, et al. **J Neurochem** 1985 Oct; 45(4):1288–93

Inhibition of NADH-linked oxidation in brain mitochondria by 1-methyl-4-phenyl-pyridine, a metabolite of the neurotoxin, 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine. Nicklas WJ, et al. **Life Sci** 1985 Jul 1;36(26):2503–8

Mitochondrial resistance to miconazole in Saccharomyces cerevisiae. Portillo F, et al. **MGG** 1985;199(3):495–9

The inhibition of mitochondrial respiration by indomethacin, a non-steroid anti-inflammatory agent possessing inhibitory effect on prostaglandin biosynthesis. Kawai K, et al. **Res Commun Chem Pathol Pharmacol** 1985 May; 48(2):267–74

Effects of metal compounds on mitochondrial function: a review. Byczkowski JZ, et al. **Sci Total Environ** 1984 Aug 1;37(2–3):133–62 (104 ref.)

Effects of intraperitoneal cadmium administration on mitochondrial enzymes in rat tissues. Prasada Rao PV. **Toxicology** 1983 May;27(1):81–7

[Effects of lead poisoning on properties of brain mitochondria in young rats] Dumas P, et al. **C R Soc Biol (Paris)** 1985; 179(2):175–83 (Eng. Abstr.) **(Fre)**

[High adrenaline sensitivity of the mitochondrial processes in the mucosa of the small intestine in rats] Babskiĭ AM, et al. **Biull Eksp Biol Med** 1984 Sep;98(9):286–8 (Eng. Abstr.) **(Rus)**

[Action of thyroxine on the cytochrome content in the brain and liver mitochondria during the postnatal development of rats] Khamidov DKh, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):696–7 (Eng. Abstr.) **(Rus)**

[Characteristics of the change in oxidative phosphorylation in the mitochondria of various organs under nitrous oxide anesthesia] Tsyganiĭ AA, et al. **Farmakol Toksikol** 1984 Jul–Aug;47(4):30–3 (Eng. Abstr.) **(Rus)**

[Effect of energy metabolism inhibitors on the morphometric parameters and 3-dimensional structure of L-cell mitochondria] Shinderite VS, et al. **Tsitologiia** 1984 Jun; 26(6):666–71 (Eng. Abstr.) **(Rus)**

[Effect of typical and atypical tranquilizers on mitochondrial membrane function and on the synthesis and utilization of adenosine phosphates in the brain in chronic stress] Kresiun VI. **Vestn Akad Med Nauk SSSR** 1984;(11):31–7 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Adriamycin as an inhibitor of 11 beta-hydroxylase activity in adrenal cortex mitochondria. Cuéllar A, et al. **Arch Biochem Biophys** 1984 Dec;235(2):538–43

Kinetics of kidney mitochondrial 25-hydroxycholecalciferol-1 alpha-hydroxylase in vitamin D-repleted weanling guinea pigs. Delvin EE, et al. **Arch Biochem Biophys** 1985 Jul;240(1):337–44

The physiological role of oxygen-sensitive pyruvate dehydrogenase in mitochondrial fatty acid synthesis in Euglena gracilis. Inui H, et al. **Arch Biochem Biophys** 1985 Mar;237(2):423–9

Binding and function of mitochondrial glycerol kinase in comparison with those of mitochondrial hexokinase. Kaneko M, et al. **Arch Biochem Biophys** 1985 Feb 15; 237(1):135–41

Location of glycerol phosphate acyltransferase in the transverse plane of mitochondrial outer membrane of guinea pig lung. Das SK, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):569–73

Coupling between redox and acid-base energy by cytochrome b-564 in Baker's yeast mitochondria. Hervás M, et al. **Biochem Biophys Res Commun** 1984 Nov 14; 124(3):807–14

Chemical synthesis of a mitochondrial gene designed for expression in the yeast nucleus. Gearing DP, et al. **Biochem Int** 1985 Jun;10(6):907–15

Chromatographic differentiation of the mitochondrial and cytosolic fumarases of rat liver and Baker's yeast and differential induction of two fumarases of Baker's yeast. Hiraga K, et al. **Biochem Int** 1984 Oct;9(4):455–61

A modified form of mitochondrial hexokinase produced by ATP-induced solubilization. Ureta T, et al. **Biochem Int** 1983 Nov;7(5):585–92

Carnitine acyltransferase activities in rat brain mitochondria. Bimodal distribution, kinetic constants, regulation by malonyl-CoA and developmental pattern. Bird MI, et al. **Biochem J** 1985 Feb 15;226(1):323–30

Hormonal control of intramitochondrial Ca2+-sensitive enzymes in heart, liver and adipose tissue. McCormack JG, et al. **Biochem Soc Trans** 1985 Aug;13(4):664–7

Mitochondrial myopathies: deficiencies localized to complex I and complex III of the mitochondrial respiratory chain. Morgan-Hughes JA, et al. **Biochem Soc Trans** 1985 Aug; 13(4):648–50

Carnitine palmitoyltransferase deficiencies. Scholte HR, et al. **Biochem Soc Trans** 1985 Aug;13(4):643–5

The domain structure of the cholesterol side-chain cleavage cytochrome P-450 from bovine adrenocortical mitochondria. Localization of haem group and domains in the polypeptide chain. Chashchin VL, et al. **Biochim Biophys Acta** 1984 Dec 21;791(3):375–83

Studies on mitochondrial type I topoisomerase and on its function. Fairfield FR, et al. **Biochim Biophys Acta** 1985 Jan 29;824(1):45–57

Mitochondrial acetyl-CoA acetyltransferase in various organs from rat: form patterns and coenzyme-A-mediated modification. Huth W, et al. **Biochim Biophys Acta** 1985 Aug 23;830(3):274–81

The inhibitor peptide of the mitochondrial F1.F0-ATPase interacts with calmodulin and stimulates the calmodulin-dependent Ca2+-ATPase of erythrocytes. Schwerzmann K, et al. **Biochim Biophys Acta** 1985 Jun 11;816(1):63–7

The significance of the attachment of rat kidney glutaminase to the inner mitochondrial membrane. Strzelecki T, et al. **Biochim Biophys Acta** 1984 Oct 16;801(3):334–41

Branched chain alpha-keto acid dehydrogenase in tissues from rainbow trout (Salmo gairdnerii). Ottesen I, et al. **Comp Biochem Physiol [B]** 1984;79(3):489–91

Occurrence of type A and type B monoamine oxidase activities in toad egg mitochondria. Nicotra A, et al. **Comp Biochem Physiol [C]** 1984;78(2):353–6

Mitochondrial monoamine oxidase activity during preneural developmental stages of Bufo bufo. Senatori O, et al. **Comp Biochem Physiol [C]** 1985;81(2):319–21

Mechanism and regulation of mitochondrial ATP synthesis. Ernster L. **Curr Top Cell Regul** 1984;24:313–34 (106 ref.)

Bovine renal mitochondrial vitamin D3 hydroxylases: regulation of in vitro activities by inhibitors and antioxidants. Crivello JF. **Endocrinology** 1985 Aug; 117(2):447–56

Protein kinase stimulation of steroidogenesis in rat luteal cell mitochondria. Inaba T, et al. **Endocrinology** 1985 Jul; 117(1):315–22

Competitive inhibition of human mitochondrial NADH dehydrogenase by Cibacron Blue F3GA. Tarsio JF, et al. **Enzyme** 1984;32(3):188–92

Cytochrome c oxidase in plant mitochondria. Electron transfer after flash photolysis at low temperature of the CO-bound half-reduced complex. Denis M, et al. **Eur J Biochem** 1985 Mar 15;147(3):533–9

Molecular basis of the 'box effect', A maturase deficiency leading to the absence of splicing of two introns located in two split genes of yeast mitochondrial DNA. Labouesse M, et al. **Eur J Biochem** 1984 Oct 1;144(1):85–93

Nucleotide sequence analysis of the nuclear gene coding for manganese superoxide dismutase of yeast mitochondria, a gene previously assumed to code for the Rieske iron-sulphur protein. Marres CA, et al. **Eur J Biochem** 1985 Feb 15;147(1):153–61

Mitochondrial myopathy with lactic acidosis and deficient activity of muscle succinate cytochrome-c-oxidoreductase. Behbehani AW, et al. **Eur J Pediatr** 1984 Nov;143(1):67–71

Tightly bound adenosine diphosphate, which inhibits the activity of mitochondrial F1-ATPase, is located at the catalytic site of the enzyme. Drobinskaya IY, et al. **FEBS Lett** 1985 Mar 25;182(2):419–24

The cleavable prepiece of an imported mitochondrial protein is sufficient to direct cytosolic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **FEBS Lett** 1984 Dec 10;178(2):306–10

Coupling between proteolytic processing and translocation of the precursor of the F1-ATPase beta-subunit during its import into mitochondria of intact cells. Kolarov J, et al. **FEBS Lett** 1984 Dec 3;178(1):161–4

Tightly bound nucleotides affect phosphate binding to mitochondrial F1-ATPase. Kozlov IA, et al. **FEBS Lett** 1985 Mar 25;182(2):425–8

Activation of mitochondrial glycerol 3-phosphate dehydrogenase by cadmium ions. Rauchová H, et al. **Gen Physiol Biophys** 1985 Feb;4(1):29–33

Mitochondrial adenosine triphosphatase from human placenta—effects of adenylyl and guanylyl imidodiphosphate. Aleksandrowicz Z. **Int J Biochem** 1985; 17(2):229–34

Structural and genetic relationships between cytosolic and mitochondrial isoenzymes. Doonan S, et al. **Int J Biochem** 1984;16(12):1193–9 (40 ref.)

Effect of ischaemia and pharmacological treatment on enzyme activities of cortical mitochondria and synaptosomes. Villa RF, et al. **Int J Clin Pharmacol Res** 1984;4(4):263–75

Mitochondrial cytochrome components of Paragonimus adult worms. Yamakami K, et al. **Int J Parasitol** 1984 Dec; 14(6):571–5

Occurrence of oxygen-sensitive, NADP+-dependent pyruvate dehydrogenase in mitochondria of Euglena gracilis. Inui H, et al. **J Biochem (Tokyo)** 1984 Sep; 96(3):931–4

Partial purification of a metalloprotease catalyzing the processing of adrenodoxin precursor in bovine adrenal cortex mitochondria. Sagara Y, et al. **J Biochem (Tokyo)** 1984 Dec;96(6):1743–52

A transcription factor required for promoter recognition by human mitochondrial RNA polymerase. Accurate initiation at the heavy- and light-strand promoters dissected and reconstituted in vitro. Fisher RP, et al. **J Biol Chem** 1985 Sep 15;260(20):11330–8

Cholesterol side chain cleavage in rat adrenal supported by outer mitochondrial membrane NADH-semidehydroascorbate reductase. Natarajan RD, et al. **J Biol Chem** 1985 Apr 10;260(7):3902–5

Similarities and differences between the tonoplast-type and the mitochondrial H+-ATPases of oat roots. Wang Y, et al. **J Biol Chem** 1985 Sep 5;260(19):10434–43

Adenine nucleotide translocase activity and sensitivity to inhibitors in hepatomas. Comparison of the ADP/ATP carrier in mitochondria and in a purified reconstituted liposome system. Woldegiorgis G, et al. **J Biol Chem** 1985 Jun 25;260(12):7585–90

Characteristics and nature of redox-linked proton transfer reactions in cytochrome c oxidase of mitochondria. Papa S, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):317–25 (42 ref.)

Mitochondrial malic enzyme in Friedreich's ataxia: failure to demonstrate reduced activity in cultured fibroblasts. Gray RG, et al. **J Neurol Neurosurg Psychiatry** 1985 Jan; 48(1):70–4

Purification of non-synaptic and synaptic mitochondria and plasma membranes from rat brain by a rapid Percoll gradient procedure. Rendon A, et al. **J Neurosci Methods** 1985 Jun;14(1):41–51

In vitro effects of toxaphene on mitochondrial calcium ATPase and calcium uptake in selected rat tissues. Trottman CH, et al. **Life Sci** 1985 Feb 4;36(5):427–33

Circadian rhythms in Neurospora crassa: the effects of point mutations on the proteolipid portion of the mitochondrial ATP synthetase. Brody S, et al. **MGG** 1985;200(1):155–61

The chloroplast ribosomal intron of Chlamydomonas reinhardii codes for a polypeptide related to mitochondrial maturases. Rochaix JD, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):975–84

Solubilization and immunochemical identification of mitochondrial glycerol-3-phosphate dehydrogenase. Rauchová H, et al. **Physiol Bohemoslov** 1985;34(1):63–8

Cloning and sequence analysis of a cDNA encoding porcine mitochondrial aspartate aminotransferase precursor. Joh T, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6065–9

[A study of the relation between energy transduction ATPase of mitochondrial membranes and experimental silicosis] Yin LY. **Chung Hua Chieh Ho Ho Hu Hsi Hsi Chi Ping Tsa Chih** 1984 Jun;7(3):149–50, 191 (Eng. Abstr.) **(Chi)**

[Luminescent properties of NADPH: adrenodoxin reductase] Armenian AG, et al. **Biokhimiia** 1984 Sep;49(9):1441–8 (Eng. Abstr.) **(Rus)**

[Reconstruction and study of a multi-enzyme system by 11 beta-hydroxylase steroids] Martsev SP, et al. **Biokhimiia** 1985 Feb;50(2):243–57 (Eng. Abstr.) **(Rus)**

[Immunochemical characteristics of cholesterol-hydroxylating cytochrome P-450 from adrenal cortex mitochondria] Usanov SA, et al. **Biokhimiia** 1984 Nov;49(11):1810–8 (Eng. Abstr.) **(Rus)**

[Catalytic properties of mitochondrial ATP-synthetase] Vinogradov AD. **Biokhimiia** 1984 Aug;49(8):1220–38 (100 ref.) **(Rus)**

[Polymorphism of membrane proteinases from mitochondria.] Zubatov AS, et al. **Biokhimiia** 1985 Mar;50(3):485–94 (Eng. Abstr.) **(Rus)**

[Localization of the adrenodoxin-binding fragment of cholesterol hydroxylating cytochrome P-450 from adrenal cortex mitochondria] Chashchin VL, et al. **Bioorg Khim** 1985 Jan;11(1):135–7 (Eng. Abstr.) **(Rus)**

[Primary structure of 20S,22R-cholesterol-hydroxylating cytochrome P-450 from bovine adrenal cortex mitochondria. Study of the structure of peptides obtained by hydrolysis of fragment F1 with proteinase from Staphylococcus aureus] Chashchin VL, et al. **Bioorg Khim** 1985 Apr;11(4):455–70 (Eng. Abstr.) **(Rus)**

[Selective chemical modification of cholesterol hydroxylating cytochrome P-450 from adrenal cortex mitochondria by tetranitromethane] Usanov SA, et al. **Bioorg Khim** 1984 Jan;10(1):32–45 (Eng. Abstr.) **(Rus)**

[Molecular organization of cholesterol-hydroxylating cytochrome P-450 from adrenal cortex mitochondria. Chemical modification with bifunctional reagents in the study of oligomeric forms] Usanov SA, et al. **Bioorg Khim** 1984 Nov;10(11):1457–68 (Eng. Abstr.) **(Rus)**

[Mg2+-ATPase activity of brain mitochondria fractions in chronic stress and its correction by psychotropic agents] Kresiun VI. **Ukr Biokhim Zh** 1984 Nov–Dec;56(6):637–41 (Eng. Abstr.) **(Rus)**

[Multiplicity of monoamine oxidases] Gorkin VZ, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):55–9 (Eng. Abstr.)

(Rus)

[Mitochondrial enzyme activity of blood neutrophils during the sanatorium-health resort treatment of children with neurodermatitis] Ivanova MV, et al. **Vestn Dermatol Venerol** 1985 Jun;(6):12-5 (Eng. Abstr.) **(Rus)**

[Biochemical effects of the continuous impulse electromagnetic field (lambda-35 cm)] Tomashevskaia LA. **Vrach Delo** 1985 May;(5):101-3 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Immunological studies of the uncoupling protein of brown adipose tissue. Afong M, et al. **Can J Biochem Cell Biol** 1985 Feb;63(2):96-101

Further immunological studies of sera containing anti-mitochondrial antibodies, type M 5. Norberg R, et al. **Clin Exp Immunol** 1984 Dec;58(3):639-44

Mitochondrial antibodies in primary biliary cirrhosis: species and nonspecies specific determinants of M2 antigen. Lindenborn-Fotinos J, et al. **Hepatology** 1985 Sep-Oct; 5(5):763-9

Reactivity of anti-mitochondrial autoantibodies in primary biliary cirrhosis: definition of two novel mitochondrial polypeptide autoantigens. Frazer IH, et al. **J Immunol** 1985 Sep;135(3):1739-45

Chronic active hepatitis associated with polymyositis. Association with precipitating mitochondrial M-B antibody. Bradley JD, et al. **J Rheumatol** 1985 Apr; 12(2):368-71

[Anti-mitochondria antibodies with an anti-M aspect, in Q fever (letter)] Elouaer-Blanc L, et al. **Gastroenterol Clin Biol** 1984 Dec;8(12):980 **(Fre)**

METABOLISM

Involvement of mitochondria in ischemic cell injury and in regulation of intracellular calcium. Fiskum G. **Am J Emerg Med** 1983 Sep;1(2):147-53

Mitochondrial function in shock. Mela-Riker L, et al. **Am J Emerg Med** 1984 Jan;2(1):2-7

Inhibition of RNA synthesis by benzene metabolites and their covalent binding to DNA in rabbit bone marrow mitochondria in vitro. Kalf GF, et al. **Am J Ind Med** 1985; 7(5-6):485-92

In vitro versus in vivo mitochondrial calcium loading in ischemic acute renal failure. Arnold PE, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F845-50

Specific binding of serotonin in rat lung. Das DK, et al. **Am J Physiol** 1985 Jan;248(1 Pt 1):E58-63

Mitochondrial thermogenin content is unchanged during atrophy of BAT of fasting mice. Desautels M. **Am J Physiol** 1985 Jul;249(1 Pt 1):E99-106

Mammals: an allometric study of metabolism at tissue and mitochondrial level. Else PL, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R415-21

[3H]GDP binding and thermogenin amount in brown adipose tissue mitochondria from cold-exposed rats. Nedergaard J, et al. **Am J Physiol** 1985 Mar;248(3 Pt 1):C365-71

Calcium transport and inner mitochondrial membrane damage in renal cortical mitochondria. Weinberg JM, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):F876-89

Mitochondrial damage during cerebral ischemia. Fiskum G. **Ann Emerg Med** 1985 Aug;14(8):810-5

Prolonged cardiac arrest and resuscitation in dogs: brain mitochondrial function with different artificial perfusion methods. White BC, et al. **Ann Emerg Med** 1985 May; 14(5):383-8

The mitochondrial electron transport and oxidative phosphorylation system. Hatefi Y. **Annu Rev Biochem** 1985; 54:1015-69 (519 ref.)

Chemical probes of the mitochondrial ATP synthesis and translocation. Vignais PV, et al. **Annu Rev Biochem** 1985; 54:977-1014 (248 ref.)

Transport of metabolic substrates in renal mitochondria. Schoolwerth AC, et al. **Annu Rev Physiol** 1985;47:143-71 (175 ref.)

Pyruvate-dependent oxidative phosphorylation in erythroid and myeloid tumor mitochondria. Abou-Khalil S, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):792-6

The inhibition of plant mitochondrial respiration by the synthetic analog of ubiquinone, 5-n-undecyl-6-hydroxy-4,7-dioxobenzothiazole (UHDBT). Cook ND, et al. **Arch Biochem Biophys** 1985 Jul;240(1):9-14

Uncoupler-stimulated release of Ca2+ from Ehrlich ascites tumor cell mitochondria. Fiskum G, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):723-33

An intact hydrophobic N-terminal sequence is critical for binding of rat brain hexokinase to mitochondria. Polakis PG, et al. **Arch Biochem Biophys** 1985 Jan;236(1):328-37

The role of hydroperoxides as calcium release agents in rat brain mitochondria. Satrustegui J, et al. **Arch Biochem Biophys** 1984 Sep;233(2):736-40

Interaction of rhodamine 123 with mitochondria isolated from drug-sensitive and -resistant Friend leukemia cells. Abou-Khalil S, et al. **Biochem Biophys Res Commun** 1985 Mar 29;127(3):1039-44

The effect of long-term inhibition of mitochondrial protein synthesis on the oxidation capacity of mitochondria for NADH-linked substrates. Kroon AM, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1190-5

Some characteristics of Ca2+ transport in plant mitochondria. Martins IS, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):943-8

Partial purification and functional reconstitution of GDP sensitive brown adipose tissue mitochondria uncoupling protein using octyl glucoside. Strieleman PJ, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):509-16

Interaction with mitochondrial membranes of a synthetic peptide with a sequence common to extra peptides of mitochondrial precursor proteins. Yoshida Y, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):775-80

Binding of malonyl-CoA to isolated mitochondria. Evidence for high- and low-affinity sites in liver and heart and relationship to inhibition of carnitine palmitoyltransferase activity. Bird MI, et al. **Biochem J** 1984 Sep 15; 222(3):639-47

Electrostatic screening stimulates rate-limiting steps in mitochondrial electron transport. Møller IM, et al. **Biochem J** 1984 Nov 1;223(3):761-7

Carnitine prevents the early mitochondrial damage induced by methylglyoxal bis(guanylhydrazone) in L1210 leukaemia cells. Nikula P, et al. **Biochem J** 1985 Jun 1;228(2):513-6

Uptake of inorganic lead in vitro by isolated mitochondria and tissue slices of rat renal cortex. Kapoor SC, et al. **Biochem Pharmacol** 1985 May 1;34(9):1439-48

Enhancement of reactive oxygen-dependent mitochondrial membrane lipid peroxidation by the anticancer drug adriamycin. Mimnaugh EG, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):847-56

Effects of gramine on energy metabolism of rat and bovine mitochondria. Niemeyer HM, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2973-9

Mechanisms involved in hormone signal transduction across the mitochondrial membrane. Halestrap AP, et al. **Biochem Soc Trans** 1985 Aug;13(4):659-63

Processing of precursors of mitochondrial proteins. Schmidt B, et al. **Biochem Soc Trans** 1984 Dec;12(6):920-1

Mitochondrial myopathies: defects in beta-oxidation. Turnbull DM, et al. **Biochem Soc Trans** 1985 Aug; 13(4):645-7

Inhibition of acetyl-carnitine oxidation in rat brown-adipose-tissue mitochondria by erucoyl-carnitine is due to sequestration of CoA. Alexson SE, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):149-58

A direct comparison between peroxisomal and mitochondrial preferences for fatty-acyl beta-oxidation predicts channelling of medium-chain and very-long-chain unsaturated fatty acids to peroxisomes. Alexson SE, et al. **Biochim Biophys Acta** 1984 Oct 24;796(1):1-10

Manganese stimulates calcium flux through the mitochondrial uniporter. Allshire A, et al. **Biochim Biophys Acta** 1985 May 3;807(2):202-9

Calcium transport by rat brain mitochondria and oxidation of 2-oxoglutarate. Bernard PA, et al. **Biochim Biophys Acta** 1984 Sep 27;766(3):549-53

Lipids of mitochondria. Daum G. **Biochim Biophys Acta** 1985 Jun 12;822(1):1-42 (374 ref.)

Interdependence of mitochondrial ATP production and extramitochondrial ATP utilization in intact spermatozoa. Halangk W, et al. **Biochim Biophys Acta** 1985 Jul 17; 808(2):316-22

Defective assembly of the mitochondrial ribosomes in yeast cells grown in the presence of mitochondrial protein synthesis inhibitors. Maheshwari KK, et al. **Biochim Biophys Acta** 1985 Apr 19;824(4):273-83

Adenylate kinase is a source of ATP for tumor mitochondrial hexokinase. Nelson BD, et al. **Biochim Biophys Acta** 1985 Aug 16;841(2):195-200

Effect of mutants and inhibitors on mitochondrial transport systems in vivo in yeast. Wills C, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):57-66

Mathematical modeling of mitochondrial energy transduction. Bohnensack R. **Biomed Biochim Acta** 1985; 44(6):853-62

Rate law of mitochondrial respiration versus extramitochondrial ATP/ADP ratio. Bohnensack R. **Biomed Biochim Acta** 1984;43(4):403-11

Application of control analysis in studies of regulation of intermediary metabolism. Groen AK, et al. **Biomed Biochim Acta** 1985;44(6):943-52

High affinity GDP binding sites on brown adipose tissue mitochondria of genetically obese 'fa/fa' rats. French RR, et al. **Biosci Rep** 1985 Feb;5(2):159-66

Effects of training and exhaustive exercise on the mitochondrial oxidative capacity of brown adipose tissue. Gohil K, et al. **Biosci Rep** 1984 Nov;4(11):987-93

RNA splicing in neurospora mitochondria: self-splicing of a mitochondrial intron in vitro. Garriga G, et al. **Cell** 1984 Dec;39(3 Pt 2):631-41

Splicing of large ribosomal precursor RNA and processing of intron RNA in yeast mitochondria. Tabak HF, et al. **Cell** 1984 Dec;39(3 Pt 2):623-9

Metabolite channeling: a phosphorylcreatine shuttle to mediate high energy phosphate transport between sperm mitochondrion and tail. Tombes RM, et al. **Cell** 1985 May; 41(1):325-34

Reduction and oxidation of cytochrome C by Hymenolepis diminuta (Cestoda) mitochondria. Kim Y, et al. **Comp Biochem Physiol [B]** 1985;81(2):335-9

Brown adipose tissue from fetal rhesus monkey (Macaca mulatta): morphological and biochemical aspects. Strieleman PJ, et al. **Comp Biochem Physiol [B]** 1985; 81(2):393-9

Respiration of mitochondria from the gonads of the sea urchin, Strongylocentrotus droebachiensis: the effects of petroleum fractions on oxygen consumption. Davis PJ, et al. **Comp Biochem Physiol [C]** 1985;80(1):155-60

Control of forward and reverse electron flow in mitochondria: thermodynamic versus kinetic considerations. Mitchell RA. **Curr Top Cell Regul** 1984; 24:387-95

A leader peptide is sufficient to direct mitochondrial import of a chimeric protein. Horwich AL, et al. **EMBO J** 1985 May;4(5):1129-35

The amino-terminal region of an imported mitochondrial precursor polypeptide can direct cytoplasmic dihydrofolate reductase into the mitochondrial matrix. Hurt EC, et al. **EMBO J** 1984 Dec 20;3(13):3149-56

Cytochrome P-450scc: enzymology, and the regulation of intramitochondrial cholesterol delivery to the enzyme. Lambeth JD, et al. **Endocr Res** 1984-85;10(3-4):283-309 (63 ref.)

Mitochondrial cholesterol availability during gonadotropin-induced Leydig cell desensitization. Aquilano DR, et al. **Endocrinology** 1985 May; 116(5):1745-54

A pantothenate derivative is covalently bound to mitochondrial proteins in Neurospora crassa. Lakin-Thomas PL, et al. **Eur J Biochem** 1985 Jan 2; 146(1):141-7

Purification and analysis of phospholipids in the inner mitochondrial membrane fraction of bovine corpus luteum, and properties of cytochrome P-450scc incorporated into vesicles prepared from these phospholipids. Tuckey RC, et al. **Eur J Biochem** 1985 Apr 15;148(2):379-84

Mitochondrial and peroxisomal metabolism of glutaryl-CoA. Vamecq J, et al. **Eur J Biochem** 1985 Feb 1;146(3):663-9

Mitochondrial transcription and processing of transcripts during release from glucose repression in 'resting cells' of Saccharomyces cerevisiae. Zennaro E, et al. **Eur J Biochem** 1985 Feb 15;147(1):191-6

C1q binding to mitochondria: a possible artefact? Comis A, et al. **FEBS Lett** 1985 Jun 3;185(1):105-8

The apparent non-linearity of the relationship between the rate of respiration and the protonmotive force of mitochondria can be explained by heterogeneity of mitochondrial preparations. Duszyński J, et al. **FEBS Lett** 1985 Mar 25;182(2):243-8

Tissue-specific modulation of the mitochondrial calcium uniporter by magnesium ions. Favaron M, et al. **FEBS Lett** 1985 Apr 22;183(2):260-4

Influence of cyclosporin A on the respiration of isolated rat kidney mitochondria. Jung K, et al. **FEBS Lett** 1985 Apr 8;183(1):167-9

Maturation of rabbit reticulocytes: susceptibility of mitochondria to ATP-dependent proteolysis is determined by the maturational state of reticulocyte. Rapoport S, et al. **FEBS Lett** 1985 Apr 22;183(2):370-4

Proteolysis of mitochondria in reticulocytes during maturation is ubiquitin-dependent and is accompanied by a high rate of ATP hydrolysis. Rapoport S, et al. **FEBS Lett** 1985 Jan 28;180(2):249-52

Rapid increase of mitochondrial uncoupling protein and its mRNA in stimulated brown adipose tissue. Use of a cDNA probe. Ricquier D, et al. **FEBS Lett** 1984 Dec 10; 178(2):240-4

Stimulation of the respiratory and phosphorylating activities in rat brain mitochondria by idebenone (CV-2619), a new agent improving cerebral metabolism. Sugiyama Y, et al. **FEBS Lett** 1985 May 6;184(1):48-51

The chromone inhibitor stigmatellin--binding to the ubiquinol oxidation center at the C-side of the mitochondrial membrane. von Jagow G, et al. **FEBS Lett** 1985 Jun 17;185(2):311-5

Intramitochondrial reductive carboxylation of 2-oxoglutarate in adipose tissue and its contribution to fatty acid synthesis. Lenartowicz E, et al. **Int J Biochem** 1984;16(12):1223-9

Transport of proteins into mitochondria. Doonan S, et al. **Int Rev Cytol** 1984;91:141-86 (200 ref.)

Cyclic AMP receptor protein from yeast mitochondria: submitochondrial localization and preliminary characterization. Rödel G, et al. **J Bacteriol** 1985 Jan; 161(1):7-12

Energy-independent protection of the oxidative phosphorylation capacity of mitochondria against anoxic damage by ATP and its non-metabolizable analogs. Watanabe F, et al. **J Biochem (Tokyo)** 1985 Apr; 97(4):1229-34

Oxidations in kidney mitochondria of heat-exposed rats: regulation by cytochrome c. Puranam RS, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):421-31

Assembly of the mitochondrial membrane system. CBP6, a yeast nuclear gene necessary for synthesis of cytochrome b. Dieckmann CL, et al. **J Biol Chem** 1985 Feb 10; 260(3):1513-20

Bovine mitochondrial ribosomes. Elongation factor specificity. Eberly SL, et al. **J Biol Chem** 1985 Jul 25; 260(15):8721-5

Adenine nucleotide and phosphate transport systems of mitochondria. Relative location of sulfhydryl groups based on the use of the novel fluorescent probe eosin-5-maleimide. Houštěk J, et al. **J Biol Chem** 1985 May 25;260(10):6288-95

Site of synthesis of the proteins of mammalian mitochondrial ribosomes. Evidence from cultured bovine cells. Schieber

GL, et al. **J Biol Chem** 1985 May 25;260(10):6367-72

Expression of amplified DNA sequences for ornithine transcarbamylase in HeLa cells: arginine residues may be required for mitochondrial import of enzyme precursor. Horwich AL, et al. **J Cell Biol** 1985 May;100(5):1515-21

Intracellular Ca2+ sequestration in cultured mouse fibroblasts: ATP-dependent Ca2+ uptake by saponin-permeabilized Swiss 3T3 cells. Yamanishi K, et al. **J Cell Physiol** 1985 May;123(2):235-40

Lactic acidosis and recovery of mitochondrial function following forebrain ischemia in the rat. Hillered L, et al. **J Cereb Blood Flow Metab** 1985 Jun;5(2):259-66

Activated macrophages secrete a soluble factor that inhibits mitochondrial respiration of tumor cells. Kilbourn RG, et al. **J Immunol** 1984 Nov;133(5):2577-81

Mitochondrial oxidative phosphorylation and respiratory chain: review. Gautheron DC. **J Inherited Metab Dis** 1984; 7 Suppl 1:57-61

Effects of short and medium chain length fatty acids on pyruvate oxidation by cultured human fibroblasts and rat liver mitochondria. Koga Y, et al. **J Inherited Metab Dis** 1984;7(3):141-2

Kinetics of electron transfer between mitochondrial cytochrome c and iron hexacyanides. Eley CG, et al. **J Inorg Biochem** 1984 Aug;21(4):295-310

Voltage dependence and ion selectivity of the mitochondrial channel, VDAC, are modified by succinic anhydride. Doring C, et al. **J Membr Biol** 1985;83(1-2):81-6

The mitochondrial voltage-dependent channel, VDAC, is modified asymmetrically by succinic anhydride. Doring C, et al. **J Membr Biol** 1985;83(1-2):87-94

Regional mitochondrial respiratory activity in Huntington's disease brain. Brennan WA Jr, et al. **J Neurochem** 1985 Jun;44(6):1948-50

Free mitochondria and synaptosomes from single rat forebrain. A comparison between two known subfractionation techniques. Dagani F, et al. **J Neurochem** 1985 Aug;45(2):653-6

Comparison of protein synthesis in mitochondria, synaptosomes, and intact brain cells. Irwin CC. **J Neurochem** 1985 Feb;44(2):433-8

Characterization of growth plate mitochondria. Stambough JL, et al. **J Orthop Res** 1984;2(3):235-46

Effects of mitochondrial protein synthesis inhibitors on the incorporation of isoleucine into Plasmodium falciparum in vitro. Blum JJ, et al. **J Protozool** 1984 Aug;31(3):475-9

Side-chain cleavage of C27-3-oxo-4-ene sterols. Degenhart HJ, et al. **J Steroid Biochem** 1984 Oct;21(4):447-51

Sodium depletion of rats induces a mitochondrial protein in the zona glomerulosa of the adrenal cortex. Meuli C, et al. **J Steroid Biochem** 1984 Dec;21(6):773-5

The coulombic hypothesis of mitochondrial energy transduction: a quantitative emendation. Malpress FH. **J Theor Biol** 1985 May 21;114(2):351-2

A coulombic hypothesis of mitochondrial oxidative phosphorylation. Malpress FH. **J Theor Biol** 1984 Aug 21; 109(4):501-21

Local energized proton hypotheses of mitochondrial oxidative phosphorylation. Malpress FH. **J Theor Biol** 1984 Aug 21;109(4):523-32

The coulombic hypothesis of mitochondrial energy transduction: an attempt to quantify relationships in the energized zones. Malpress FH. **J Theor Biol** 1984 Nov 21; 111(2):397-405

Calcium accumulating ability of mitochondria from bovine coronary artery. Comparison with aortic mitochondria. Takeo S, et al. **Jpn Heart J** 1985 Jan;26(1):91-103

Effect of chronic uremia in the rat on cerebral mitochondrial calcium concentrations. Adler AJ, et al. **Kidney Int** 1985 Mar;27(3):523-9

Impairment of glutamate uptake and absence of alterations in the energy-transducing ability of old rat brain mitochondria. Vitorica J, et al. **Mech Ageing Dev** 1985 Mar; 29(3):255-66

Is the terminal degradation of neurofilaments regulated by mitochondrial production of oxygen radicals? Elomaa E, et al. **Med Hypotheses** 1985 Mar;16(3):261-3

Respiratory activity and oxidative phosphorylation in mitochondria of the rat brain and liver under conditions of elevated temperature of the environment. Skonieczna M, et al. **Med Pr** 1984;35(4):263-7

Effect of temperature on protein synthesis and leucine transport by yeast mitochondria. Finzi E, et al. **Membr Biochem** 1985;5(4):291-307

Mitochondrial membrane potential in lymphocytes as monitored by fluorescent cation diS-C3-(5). Gulyaeva NV, et al. **Membr Biochem** 1985;6(1):19-32

Glu-tRNAGln: an intermediate in yeast mitochondrial protein synthesis. Martin NC, et al. **Methods Enzymol** 1984; 106:152-7

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe. 2. Localization of genes by interspecific hybridization in strain ade7-50h- and cloning of the genome in small fragments. Lang BF, et al. **MGG** 1984;196(3):465-72

Modification of nuclear gene expression by inhibition of mitochondrial translation during sporulation in MAT alpha/MATa diploids of Saccharomyces cerevisiae. Marmiroli N, et al. **MGG** 1984;198(1):69-74

The mitochondrial genome of the fission yeast Schizosaccharomyces pombe. 3. Gene mapping in strain EF1 (CBS 356) and analysis of hybrids between the strains EF1 and ade7-50h-. Zimmer M, et al. **MGG** 1984; 196(3):473-81

Highly efficient RNA-synthesizing system that uses isolated human mitochondria: new initiation events and in vivo-like processing patterns. Gaines G, et al. **Mol Cell Biol** 1984 Aug;4(8):1605-17

Primary structure of the nuclear PUT2 gene involved in the mitochondrial pathway for proline utilization in Saccharomyces cerevisiae. Krzywicki KA, et al. **Mol Cell Biol** 1984 Dec;4(12):2837-42

Utilization of intramitochondrial membrane cholesterol by cytochrome P-450-dependent cholesterol side-chain cleavage reaction in bovine adrenocortical mitochondria: steroidogenic and non-steroidogenic pools of cholesterol in the mitochondrial inner membranes. Cheng B, et al. **Mol Cell Endocrinol** 1985 May;40(2-3):233-43

Effect of cis-diamminedichloroplatinum (II), cyclophosphamide and tumor age on the rate of mitochondrial and overall cellular protein synthesis in Zajdela hepatoma. Tkáčová E, et al. **Neoplasma** 1985; 32(2):177-80

Effect of hypothyroidism on the biogenesis of free mitochondria in the cerebral hemispheres and in cerebellum of rat during postnatal development. Gadaleta MN, et al. **Neurochem Res** 1985 Feb;10(2):163-77

Brain mitochondrial metabolism in experimental thiamine deficiency. Parker WD Jr, et al. **Neurology** 1984 Nov; 34(11):1477-81

Depolarization of the mitochondrial membrane potential increases free cytosolic calcium in synaptosomes. Heinonen E, et al. **Neurosci Lett** 1984 Aug 24;49(1-2):33-7

Sequence and codon recognition of bean mitochondria and chloroplast tRNAsTrp: evidence for a high degree of homology. Maréchal L, et al. **Nucleic Acids Res** 1985 Jun 25;13(12):4411-6

A mitochondrial reading frame which may code for a maturase-like protein in Saccharomyces cerevisiae. Séraphin B, et al. **Nucleic Acids Res** 1985 Apr 25; 13(8):3005-14

Oxidation of acetoacetate and palmitylcarnitine by brain and liver mitochondria from suckling and adult rats. Krasinskaya IP, et al. **Physiol Bohemoslov** 1985;34(2):121-5

Human placental mitochondrial respiration and its regulation by adenine nucleotides. Illsley NP, et al. **Placenta** 1985 May-Jun;6(3):187-97

Acetoacetate utilization by human placental mitochondria. Zołnierowicz S, et al. **Placenta** 1984 May-Jun;5(3):271-6

Arginine in the leader peptide is required for both import and proteolytic cleavage of a mitochondrial precursor. Horwich AL, et al. **Proc Natl Acad Sci USA** 1985 Aug; 82(15):4930-3

Studies of heterogeneous mitochondrial populations in a mouse cell line: the effects of selection for or against mitochondrial genomes that confer chloramphenicol resistance. Kearsey SE, et al. **Proc R Soc Lond [Biol]** 1985 May 22;224(1236):315-23

The ATP dependent pathway for protein breakdown in bacteria and mitochondria. Goldberg AL, et al. **Prog Clin Biol Res** 1985;180:33-45

Flow and interactions of protons in the H+-ATPase of mitochondria. Papa S, et al. **Prog Clin Biol Res** 1984; 164:187-97

Relation between mitochondrial calcium transport and control of energy metabolism. Hansford RG. **Rev Physiol Biochem Pharmacol** 1985;102:1-72 (213 ref.)

How do proteins find mitochondria? [news] Kolata G. **Science** 1985 Jun 28;228(4707):1517-8

Comparison of mitochondrially synthesized polypeptides of human, mouse, and monkey cell lines by a two-dimensional protease gel system. Oliver N, et al. **Somatic Cell Mol Genet** 1984 Nov;10(6):639-43

Two cytoplasmically inherited oligomycin-resistant Chinese hamster cell lines exhibit an altered mitochondrial translation product. Shew JY, et al. **Somatic Cell Mol Genet** 1985 Jan;11(1):103-8

Will latent iron deficiency affect the mitochondrial iron-containing enzymes? Quisumbing TL, et al. **Southeast Asian J Trop Med Public Health** 1985 Mar; 16(1):78-82

Quantitative electron microscopic study of calcium accumulation in cerebral ischemia mitochondria. Gutierrez-Diaz JA, et al. **Surg Neurol** 1985 Jul;24(1):67-72

[Research in cellular energy metabolism and bioenergetics in Finland] Wikström M. **Duodecim** 1985;101(3):257-62 **(Fin)**

[Significance of cross-circulation on obstructive jaundice in rats with special reference to the mitochondrial function of the liver and kidney] Fukaya H, et al. **Nippon Geka Gakkai Zasshi** 1985 Jun;86(6):709-16 (Eng. Abstr.) **(Jpn)**

[Etiological mechanism of Reye's syndrome--from the viewpoint of metabolic disorders] Yoshida I, et al. **Nippon Rinsho** 1984 Dec;42(12):2824-36 (49 ref.) **(Jpn)**

[Mitochondrial biogenesis; import of nuclear-coded proteins into mitochondria] Ito A. **Tanpakushitsu Kakusan Koso** 1985 May;30(5):361-73 (72 ref.) **(Jpn)**

[Cytochrome c function--a model of molecular recognition] Bosshard HR. **Postepy Biochem** 1984;30(3-4):225-30 **(Pol)**

[Regulation of cytochrome oxidase activity] Machoy Z. **Postepy Biochem** 1984;30(3-4):231-50 (120 ref.) **(Pol)**

[Iron-sulfur centers in the mitochondrial respiratory chain at different stages of cell culture growth of the hamster Cricetulus griceus] Burbaev DSh, et al. **Biofizika** 1984 Jul-Aug;29(4):633-6 (Eng. Abstr.) **(Rus)**

[The state of brain mitochondrial membranes in stress and its correction with drugs] Kresiun VI. **Biofizika** 1985 Mar-Apr;30(2):306-8 (Eng. Abstr.) **(Rus)**

[Effect of palmitate on energy coupling in lymphocyte mitochondria] Bakeeva LE, et al. **Biokhimiia** 1985 May; 50(5):774-81 (Eng. Abstr.) **(Rus)**

[Formation of hydrogen peroxide in the mitochondria of skeletal muscles] Koshkin VV. **Biokhimiia** 1984 Nov; 49(11):1908-11 (Eng. Abstr.) **(Rus)**

[Single conductivity channels in membranes formed from mitochondrial lipids] Iurkov IS, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1475-7 **(Rus)**

[Uptake of 125I-triiodothyronine by the thyroid gland: effect of adrenergic agents and low temperatures] Utevskiĭ AM, et al. **Probl Endokrinol (Mosk)** 1985 Jan-Feb;31(1):77-81 (Eng. Abstr.) **(Rus)**

[Effect of naphthoquinones and tocopherols on the changes in mitochondrial volume] Lider VA, et al. **Ukr Biokhim Zh** 1985 Jan-Feb;57(1):82-5 (Eng. Abstr.) **(Rus)**

[Effect of the permeability of lysosomal and mitochondrial membranes on the ability of their cryoextracts to inhibit the protein-synthesizing activity of cell-free systems] Zagnoĭko VI, et al. **Ukr Biokhim Zh** 1985 Jan-Feb; 57(1):16-20 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Mitochondrial changes in malignant lymphoma cells. Huhn D, et al. **Acta Haematol (Basel)** 1984;72(6):368-71

Neuron-specific mitochondrial degeneration induced by hyperammonemia and octanoic acidemia. Drewes LR, et al. **Brain Res** 1985 Aug 12;340(2):211-8

Mitochondrial changes in chronic alcoholism. [letter] Baruah JK, et al. **Exp Pathol** 1984;26(4):255

PHYSIOLOGY

Potassium ion homeostasis and mitochondrial redox status of turtle brain during and after ischemia. Sick TJ, et al. **Am J Physiol** 1985 May;248(5 Pt 2):R531-40

Salinity adaptation in fish: effect of thyroxine on mitochondrial status. Shivakumar K, et al. **Arch Biochem Biophys** 1984 Sep;233(2):728-35

A hypothesis for the mechanism of respiratory-chain phosphorylation not involving the electrochemical gradient of protons as obligatory intermediate. Slater EC, et al. **Biochim Biophys Acta** 1985 Aug 1;811(3):217-31

Direct effect of gossypol on TR-ST cells: perturbation of rhodamine 123 accumulation in mitochondria. Tanphaichitr N, et al. **Biol Reprod** 1984 Dec;31(5):1049-60

Mitochondria. Koike K. **Cell Struct Funct** 1984 Jul;9 Suppl:s39-42

Effect of mitochondrial inhibitors on metaphase-telophase progression and nuclear membrane formation in Chinese hamster cells. Chai LS, et al. **Cell Tissue Kinet** 1985 Jan; 18(1):13-25

The mitochondrial cloud of Xenopus oocytes: the source of germinal granule material. Heasman J, et al. **Dev Biol** 1984 Oct;105(2):458-69

The role of actin and myosin in ascidian sperm mitochondrial translocation. Lambert CC, et al. **Dev Biol** 1984 Dec; 106(2):307-14

Molecular cloning and sequencing of cDNA for yeast porin, an outer mitochondrial membrane protein: a search for targeting signal in the primary structure. Mihara K, et al. **EMBO J** 1985 Mar;4(3):769-74

Bioenergetic studies of mitochondrial oxidative phosphorylation using 31phosphorus NMR. Gyulai L, et al. **J Biol Chem** 1985 Apr 10;260(7):3947-54

Reduction in the mitochondrial membrane potential of Toxoplasma gondii after invasion of host cells. Tanabe K, et al. **J Cell Sci** 1984 Aug;70:73-81

Three-dimensional behaviour of mitochondria during cell division and germ tube formation in the dimorphic yeast Candida albicans. Tanaka K, et al. **J Cell Sci** 1985 Feb; 73:207-20

Mitochondrial regulation of cell surface components in relation to carcinogenesis. John P. **J Theor Biol** 1984 Oct 5;110(3):377-81

Carcinogenesis--devolution towards an ancient nucleated pre-eukaryotic level. Setälä K. **Med Hypotheses** 1984 Nov; 15(3):209-30

Segregation of mitochondrial DNA in human somatic cell hybrids. White FA, et al. **MGG** 1984;197(3):453-60

Physiological role of Ca2+ transport by mitochondria [letter] Denton RM, et al. **Nature** 1985 Jun 20-26;315(6021):635

The mitochondria and cellular calcium [letter] Miller DJ. **Nature** 1985 Feb 21-27;313(6004):638

Stochastic free energy transduction. Westerhoff HV, et al. **Proc Natl Acad Sci USA** 1985 May;82(10):3222-6

ULTRASTRUCTURE

Mitochondrial reorganization during resumption of arrested meiosis in the mouse oocyte. Van Blerkom J, et al. **Am J Anat** 1984 Nov;171(3):335-55

Assemblies of linear arrays of particles in the apical plasma membrane of mitochondria-rich cells in the gill epithelium of the Atlantic hagfish (Myxine glutinosa). Bartels H. **Anat Rec** 1985 Mar;211(3):229-38

Effect of exogenous addition of hemin on the biogenesis of mitochondrial membranes during glucose repression in Saccharomyces cerevisiae. Gopalan G, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):159-66

Influence of the conformational state on the isoelectric points of rat brain synaptosomes, mitochondria and mitoplasts. Sánchez-Prieto J, et al. **Biochim Biophys Acta** 1984 Nov 21;778(1):81-6

Relationship between growth inhibition and mitochondrial function in petite-negative yeasts. I. Effects of antibiotics and dyes upon pathogenic and non-pathogenic Candida species. Marmiroli N, et al. **Biol Cell** 1985;53(1):67-74

The number of mitochondria in Xenopus laevis ovulated oocytes. Marinos E. **Cell Differ** 1985 Apr;16(2):139-43

Ultrastructural studies on mitochondria. Diagnosis of acute leukemia. Wu QA, et al. **Chin Med J [Engl]** 1984 Jul;97(7):509-14

Endothelial mitochondrial content of cerebral cortical capillaries in Alzheimer's disease. An ultrastructural quantitative study. Mancardi GL, et al. **Eur Neurol** 1985;24(1):49-52

Characterization of DNA-protein complexes from the mitochondria of Xenopus laevis oocytes. Barat M, et al. **Exp Cell Res** 1985 Mar;157(1):207-17

Visualization of the mitochondria of Toxoplasma gondii-infected mouse fibroblasts by the cationic permeant fluorescent dye rhodamine 123. Tanabe K. **Experientia** 1985 Jan 15;41(1):101-2

Isolation of a purified mitochondrial fraction from viable clonal insulin-producing cells (RINm5F) by Percoll density gradient centrifugation. Abrahamsson H, et al. **In Vitro Cell Dev Biol** 1985 Jul;21(7):415-20

Biogenesis of mitochondria: defective yeast H+-ATPase assembled in the absence of mitochondrial protein synthesis is membrane associated. Orian JM, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):561-81

Immunocytochemical demonstration of cytochrome c oxidase with an immunoperoxidase method: a specific stain for mitochondria in formalin-fixed and paraffin-embedded human tissues. Bedetti CD. **J Histochem Cytochem** 1985 May;33(5):446-52

The case for a polyphyletic origin of mitochondria: morphological and molecular comparisons. Stewart KD, et al. **J Mol Evol** 1984;21(1):54-7

Localization and characterization of tubulin-like proteins associated with brain mitochondria: the presence of a membrane-specific isoform. Hargreaves AJ, et al. **J Neurochem** 1985 Aug;45(2):490-6

Atypical cristae (paracrystalline inclusions) in mitochondria of epithelial cell of the rat ureter. II. Image analysis. Barastegui CA, et al. **J Submicrosc Cytol** 1984 Oct;16(4):727-33

Mitochondrial abnormalities in cortical dendrites from patients with Alzheimer's disease. Saraiva AA, et al. **J Submicrosc Cytol** 1985 Jul;17(3):459-64

Cortical subacute necrotizing encephalomyelopathy. A study of two patients with mitochondrial dysfunction. Egger J, et al. **Neuropediatrics** 1984 Aug;15(3):150-8

Identification of mitochondria-rich cells in unstained vital preparations of epithelia by autofluorescence. Köhler M, et al. **Pflugers Arch** 1985 Jan;403(1):47-9

The symmetries of the genetic code of mammalian mitochondria. Portelli C, et al. **Physiologie** 1985 Apr-Jun;22(2):117-20

An evaluation of methods used to prepare yeast mitochondria for transcriptional studies. Rickwood D, et al. **Prep Biochem** 1984;14(2):163-71

Characterization of a yeast mitochondrial promoter by deletion mutagenesis. Biswas TK, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1954-8

Ultrastructural changes in V79 hamster lung fibroblasts during hypoxic exposure. Jacobson EA, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):23-43

[Hydrophobic acridine dyes for fluorescent staining of mitochondria in living cells. 3. Specific accumulation of the fluorescent dye NAO on the mitochondrial membranes in HeLa cells by hydrophobic interaction. Depression of respiratory activity, changes in the ultrastructure of mitochondria due to NAO. Increase of fluorescence in vital stained mitochondria in situ by irradiation] Septinus M, et al. **Histochemistry** 1985;82(1):51-66 (Eng. Abstr.) **(Ger)**

[Morphometric mitochondrial studies in the placenta of early pregnancies following a normal course of pregnancy and in maternal diabetes mellitus] Estel C, et al. **Zentralbl Gynakol** 1985;107(2):73-8 (Eng. Abstr.) **(Ger)**

MITOCHONDRIA, HEART

ANALYSIS

Quantities of ubiquinone bound to proteins in beef heart mitochondria. Suzuki H, et al. **Biochem Biophys Res Commun** 1984 Nov 14;124(3):889-95

The 35 kDa DCCD-binding protein from pig heart mitochondria is the mitochondrial porin. De Pinto V, et al. **Biochim Biophys Acta** 1985 Mar 14;813(2):230-42

The transverse organisation of ubiquinones in mitochondrial membranes as determined by fluorescence quenching. Evidence for a two-site model. Chatelier RC, et al. **Eur Biophys J** 1985;11(3):179-85

Functional reconstitution of the partially purified aspartate-glutamate carrier from mitochondria. Krämer R. **FEBS Lett** 1984 Oct 29;176(2):351-4

Amino acid sequence of bovine heart coupling factor 6. Fang JK, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6603-7

[Fatty acid composition of mitochondrial phospholipids of the ischemic heart] Dagis AI, et al. **Biull Eksp Biol Med** 1985 Jan;99(1):43-5 (Eng. Abstr.) **(Rus)**

CLASSIFICATION

Subpopulations of cardiac mitochondria. Weinstein ES, et al. **Curr Surg** 1984 Sep-Oct;41(5):365-9

DRUG EFFECTS

The translation system of rat heart muscle mitochondria is stimulated following treatment with L-triiodothyronine. Côté C, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1425-33

Two modes of irreversible inactivation of the mitochondrial electron-transfer system by tetradecanoic acid. Schewe T, et al. **Biochim Biophys Acta** 1985 May 3;807(2):210-5

Occurrence of intramitochondrial Ca2+ granules in a hypertrophied heart exposed to adriamycin. Singal PK, et al. **Can J Physiol Pharmacol** 1984 Sep;62(9):1239-44

Damages of the mitochondrial membrane in Adriamycin treated mice. Praet M, et al. **Cancer Lett** 1984 Nov;25(1):89-96

Effects of quinine on K+ transport in heart mitochondria. Jung DW, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):379-90

Action of bepridil, a new calcium channel blocker on oxidative phosphorylation, oligomycin-sensitive adenosine triphosphatase activity, swelling, Ca++ uptake and Na+-induced Ca++ release processes of rabbit heart mitochondria in vitro. Matlib MA. **J Pharmacol Exp Ther** 1985 May;233(2):376-81

Effect of plictran on beef heart mitochondrial ATPases. Mehrotra BD, et al. **Toxicol Lett** 1985 Jul;26(1):25-30

[Action of adrenaline and cAMP on the activity of a thermostable cytoplasmic inhibitor of Ca2+ ion transport across the mitochondrial membrane of the rat heart] Gaĭnutdinov MKh, et al. **Dokl Akad Nauk SSSR** 1984;278(2):475-8 **(Rus)**

ENZYMOLOGY

Isolation of the mitochondrial F1-F0 adenosine triphosphatase by Sepharose-hexylammonium chromatography: properties and reconstitution in liposomes. Dreyfus G, et al. **Anal Biochem** 1984 Oct;142(1):215-20

Concomitant purification of three porcine heart mitochondrial enzymes: citrate synthase, aspartate aminotransferase, and malate dehydrogenase. McEvily AJ, et al. **Anal Biochem** 1985 Jan;144(1):159-64

The varied responses of different F1-ATPases to chlorpromazine. Bullough DA, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):567-75

Pre-steady-state kinetics of beef heart mitochondrial ATPase. Clark DD, et al. **Arch Biochem Biophys** 1984 Sep;233(2):378-92

Interaction of azide with beef heart mitochondrial ATPase. Daggett SG, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):815-24

The use of [3H]aniline to identify the essential carboxyl group in the bovine mitochondrial F1-ATPase that reacts with 1-(ethoxycarbonyl)-2-ethoxy-1,2-dihydroquinoline. Laikind PK, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):904-20

Regulation of mitochondrial malate dehydrogenase: kinetic modulation independent of subunit interaction. McEvily AJ, et al. **Arch Biochem Biophys** 1985 Apr;238(1):229-36

Functional characterization of the mitochondrial cytochrome b-c1 complex: steady-state kinetics of the monomeric and dimeric forms. Nałecz MJ, et al. **Arch Biochem Biophys** 1985 Aug 1;240(2):921-31

Molecular conversion between monomeric and dimeric states of the mitochondrial cytochrome b-c1 complex: isolation of active monomers. Nałecz MJ, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):619-28

The effect of Co(III)(NH3)4ATP on the kinetics of beef heart mitochondrial ATPase. Steinke L, et al. **Arch Biochem Biophys** 1985 May 1;238(2):629-35

The [4B-3H] NADH-H2O exchange reaction of the mitochondrial NADH dehydrogenase. Chen S, et al. **Biochem Biophys Res Commun** 1985 Jun 14;129(2):584-90

Differential import and processing of the precursors to F1-ATPase beta-subunit and ornithine carbamyltransferase by liver, spleen, heart and kidney mitochondria. Côté C, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):240-7

Characterization of pyrophosphate exchange by the reconstituted adenine nucleotide translocator from mitochondria. Krämer R. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):129-35

Bovine heart mitochondrial F6: HPLC purification, NH2-terminal sequence and the possible structural relatedness to other components of ATPase complexes. Crabb JW, et al. **Biochem Int** 1985 Mar;10(3):385-93

Immunochemical demonstration of the iron-sulfur protein in Complex III of mitochondrial electron-transfer chain. Nishikimi M, et al. **Biochem Int** 1983 Dec;7(6):793-8

The precursor of mitochondrial pig heart aspartate aminotransferase: preliminary sequence data. Sannia G, et al. **Biochem Int** 1983 Jun;6(6):731-6

Structural changes in mitochondrial F1-ATPase induced by the removal of loosely bound nucleotides. Teruel JA, et al. **Biochem Int** 1984 Sep;9(3):281-7

Inhibition of mitochondrial NADH:ubiquinone oxidoreductase by ethoxyformic anhydride. Vik SB, et al. **Biochem Int** 1984 Nov;9(5):547-55

Phospholipid association with the bovine cardiac mitochondrial adenosine triphosphatase. Brown RE, et al. **Biochem J** 1985 Feb 1;225(3):597-608

Chemical cross-linking of mitochondrial NADH dehydrogenase from bovine heart. Cleeter MW, et al. **Biochem J** 1985 Apr 15;227(2):467-74

The purification and steady-state kinetic behaviour of rabbit heart mitochondrial NAD(P)+ malic enzyme. Davisson VJ, et al. **Biochem J** 1985 Jan 15;225(2):335-42

Photoaffinity labelling of mitochondrial NADH dehydrogenase with arylazidoamorphigenin, an analogue of rotenone. Earley FG, et al. **Biochem J** 1984 Dec 1;224(2):525-34

Some observations on mitochondrial-bound hexokinase and creatine kinase of the heart. Borrebaek B, et al. **Biochem Med** 1985 Apr;33(2):170-9

Inhibition of the mitochondrial Mg2+-ATPase by propranolol. Wei YH, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):911-7

Hormonal control of intramitochondrial Ca2+-sensitive enzymes in heart, liver and adipose tissue. McCormack JG, et al. **Biochem Soc Trans** 1985 Aug;13(4):664-7

Localization of the N-ethylmaleimide reactive cysteine in the beef heart mitochondrial ADP/ATP carrier protein. Boulay F, et al. **Biochemistry** 1984 Sep 25;23(20):4807-12

Some kinetic characteristics of immobilized protomers and native dimers of mitochondrial malate dehydrogenase: an examination of the enzyme mechanism. DuVal G, et al. **Biochemistry** 1985 Apr 9;24(8):2067-72

Distance between the visible copper and cytochrome a in bovine heart cytochrome oxidase. Goodman G, et al. **Biochemistry** 1985 Apr 23;24(9):2310-7

Fluorescence energy transfer measurements of spatial relationships between sulfhydryl groups of thiolase I from porcine heart. Izbicka E, et al. **Biochemistry** 1984 Dec 18;23(26):6383-8

Interaction of fluorescent adenine nucleotide derivatives with the ADP/ATP carrier in mitochondria. 2. [5-(Dimethylamino)-1-naphthoyl]adenine nucleotides as probes for the transition between c and m states of the ADP/ATP carrier. Klingenberg M, et al. **Biochemistry** 1984 May 22;23(11):2442-9

Interaction of fluorescent adenine nucleotide derivatives with the ADP/ATP carrier in mitochondria. 1. Comparison of various 3'-O-ester adenine nucleotide derivatives. Mayer I, et al. **Biochemistry** 1984 May 22;23(11):2436-42

Further investigations on the inorganic phosphate binding site of beef heart mitochondrial F1-ATPase. Pougeois R, et al. **Biochemistry** 1985 Feb 12;24(4):1020-4

pH profiles and isotope effects for aconitases from Saccharomycopsis lipolytica, beef heart, and beef liver. alpha-Methyl-cis-aconitate and threo-Ds-alpha-methylisocitrate as substrates. Schloss JV, et al. **Biochemistry** 1984 Sep 25;23(20):4572-80

Kinetics of ATP hydrolysis by F1-ATPase and the effects of anion activation, removal of tightly bound nucleotides, and partial inhibition of the ATPase by covalent modification. Wong SY, et al. **Biochemistry** 1984 Oct 9;23(21):5004-9

Topology of beef heart cytochrome c oxidase from studies on reconstituted membranes. Zhang YZ, et al. **Biochemistry** 1984 Nov 6;23(23):5616-21

A rapid and efficient procedure for the purification of mitochondrial beta-hydroxybutyrate dehydrogenase. Burnett BK, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):51-6

Effects of dibromothymoquinone on the structure and function of the mitochondrial bc1 complex. Degli Esposti M, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):10-20

Membrane-specific inhibitors of the bovine heart mitochondrial ATPase. Feldman RI, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):277-82

Purification and characterization of mitochondrial thioesterase from rabbit myocardium and its inhibition by palmitoyl carnitine. Gross RW. **Biochim Biophys Acta** 1984 Nov 28;802(2):197-202

Phospholipid composition and organization of cytochrome c oxidase preparations as determined by 31P-nuclear magnetic resonance. Seelig A, et al. **Biochim Biophys Acta** 1985 May 14;815(2):153-8

The concept of high- and low-affinity reactions in bovine cytochrome c oxidase steady-state kinetics. Sinjorgo KM, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):48-56

Malic enzymes of salmon trout heart mitochondria: separation and some physicochemical properties of NAD-preferring and NADP-specific enzymes. Skorkowski EF, et al. **Comp Biochem Physiol [B]** 1985;80(4):901-7

Some properties of isolated mitochondrial ATPase from salmon heart. Thomassen JM. **Comp Biochem Physiol [B]** 1984;79(2):263-7

Release of the inhibitory action of the natural ATPase inhibitor protein on the mitochondrial ATPase. Beltrán C, et al. **Eur J Biochem** 1984 Oct 1;144(1):151-7

Specific labeling of cytosolic and mitochondrial aspartate aminotransferases. Carotti D, et al. **Eur J Biochem** 1985 Feb 1;146(3):619-23

The interaction of mitochondrial transhydrogenase with derivatives of coenzyme A. Kozlov IA, et al. **Eur J Biochem** 1984 Dec 3;145(2):413-6

Tyrosine-311 of a beta chain is the essential residue specifically modified by 4-chloro-7-nitrobenzofurazan in bovine heart mitochondrial ATPase. Sutton R, et al. **Eur J Biochem** 1985 May 2;148(3):551-4

The inhibition of mitochondrial F1-ATPase by 1,5-difluoro-2,4-dinitrobenzene. Akhrem AA, et al. **FEBS Lett** 1985 Aug 5;187(2):249-52

The oxidation of sulfhydryl groups in mitochondrial F1-ATPase decreases the rate of its inactivation by the natural protein inhibitor. Chernyak BV, et al. **FEBS Lett** 1985 Aug 5;187(2):253-6

Effects of bc1-site electron transfer inhibitors on the absorption spectra of mitochondrial cytochromes b. Kamensky Y, et al. **FEBS Lett** 1985 Feb 11;181(1):95-9

The roles of intrinsic kinase and of kinase/activator protein in the enhanced phosphorylation of pyruvate dehydrogenase complex in starvation. Kerbey AL, et al. **FEBS Lett** 1984 Oct 15;176(1):115-9

Interaction between the mitochondrial ATP synthetase and ATPase inhibitor protein. Active/inactive slow pH-dependent transitions of the inhibitor protein. Panchenko MV, et al. **FEBS Lett** 1985 May 20; 184(2):226-30

Identification of an essential beta chain lysine residue from bovine heart mitochondrial ATPase specifically modified with nitrobenzofurazan. Sutton R, et al. **FEBS Lett** 1985 Jan 7;179(2):283-8

Formation of an intramolecular disulfide bond in the mitochondrial adenine nucleotide translocase. Torok K, et al. **FEBS Lett** 1985 Mar 25;182(2):340-4

Comparison of the effects of one-side- and two-side Mg2+ on the reconstitution of mitochondrial H+-ATPase. Yang FY, et al. **FEBS Lett** 1985 Mar 11;182(1):31-3

Effect of adriamycin administration on some mitochondrial enzyme activities in rats. Muhammed H, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):208-10

Structural studies of mitochondrial coupling factor 1 using tyrosine fluorescence. Fernández-Belda F, et al. **Int J Biochem** 1985;17(2):223-8

A radiochemical assay for mitochondrial acetyl-CoA synthase and octanoyl-CoA synthase from rat heart. Man KC, et al. **Int J Biochem** 1984;16(12):1341-3

Effect of dimethylsulfoxide on ATP synthesis by mitochondrial soluble F1-ATPase. Sakamoto J. **J Biochem (Tokyo)** 1984 Aug;96(2):483-7

Identification of the nucleotide-binding site for ATP synthesis and hydrolysis in mitochondrial soluble F1-ATPase. Sakamoto J. **J Biochem (Tokyo)** 1984 Aug; 96(2):475-81

Studies of the ferricyanide reductase activities of the mitochondrial reduced nicotinamide adenine dinucleotide-ubiquinone reductase (complex I) utilizing arylazido-beta-alanyl NAD+ and arylazido-beta-alanyl NADP+. Chen S, et al. **J Bioenerg Biomembr** 1985 Feb; 17(1):33-49

Environment of the sulfhydryl groups in bovine heart mitochondrial H+-ATPase. Griffiths DG, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):465-75

Relationships of inosine triphosphate and bicarbonate effects on F1 ATPase to the binding change mechanism. Kasho VN, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):407-19

On the mechanism of inhibition of NADH oxidase by ubiquinone-3. Landi L, et al. **J Bioenerg Biomembr** 1984 Apr;16(2):153-66

Temperature dependence of mitochondrial oligomycin-sensitive proton transport ATPase. Solaini G, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):391-406

Identification of the lysine residue to which the 4-nitrobenzofurazan group migrates after the bovine mitochondrial F1-ATPase is inactivated with 7-chloro-4-nitro[14C]benzofurazan. Andrews WW, et al. **J Biol Chem** 1984 Dec 10;259(23):14378-82

Creatine kinase of heart mitochondria. The progressive loss of enzyme activity during in vivo ischemia and its correlation to depressed myocardial function. Bittl JA, et al. **J Biol Chem** 1985 Jan 10;260(1):208-14

Sigmoid kinetics of purified beef heart mitochondrial carnitine palmitoyltransferase. Effect of pH and malonyl-CoA. Fiol CJ, et al. **J Biol Chem** 1984 Nov 10; 259(21):13084-8

The molecular morphology of bovine heart mitochondrial NADH-ubiquinone reductase. Cross-linking with dithiobis(succinimidyl propionate). Gondal JA, et al. **J Biol Chem** 1985 May 25;260(10):5931-5

Metal site cooperativity within cytochrome oxidase. Goodman G. **J Biol Chem** 1984 Dec 25;259(24):15094-9

Metal-nucleotide structural characteristics during catalysis by beef heart mitochondrial F1. Gruys KJ, et al. **J Biol Chem** 1985 Jun 10;260(11):6533-40

The separate effects of coenzyme components may not be additive. Roles of pyridoxal and inorganic phosphate in aspartate aminotransferase apoenzymes. Iriarte A, et al. **J Biol Chem** 1985 Jun 25;260(12):7457-63

Electron paramagnetic resonance studies of mammalian succinate dehydrogenase. Detection of the tetranuclear cluster S2. Maguire JJ, et al. **J Biol Chem** 1985 Sep 15; 260(20):10909-12

Cardiolipin is the membrane receptor for mitochondrial creatine phosphokinase. Müller M, et al. **J Biol Chem** 1985 Mar 25;260(6):3839-43

The iron-sulfur protein of cytochrome bc1 complex. Its occurrence in the mitochondrial inner membrane in excess of the amount constituting the complex. Nishikimi M, et al. **J Biol Chem** 1985 Sep 5;260(19):10398-401

Complex I binds several mitochondrial NAD-coupled dehydrogenases. Sumegi B, et al. **J Biol Chem** 1984 Dec 25;259(24):15040-5

Functionally distinct beta subunits in F1-adenosinetriphosphatase. Wang JH. **J Biol Chem** 1985 Feb 10;260(3):1374-7

Effect of riboflavin-butyrate on cardiac glutathione reductase affected by adriamycin. Hino Y, et al. **J Nutr Sci Vitaminol (Tokyo)** 1985 Apr;31(2):139-45

Distribution of cytosolic and mitochondrial aspartate aminotransferase in normal, ischemic, and necrotic myocardium. An immunohistochemical study. Siegel RJ, et al. **Lab Invest** 1984 Dec;51(6):648-54

Resolution and reconstitution of H+ -ATPase complex from beef heart mitochondria. Joshi S, et al. **Membr Biochem** 1985;5(4):309-25

Histiocytoid cardiomyopathy of infancy: deficiency of reducible cytochrome b in heart mitochondria. Papadimitriou A, et al. **Pediatr Res** 1984 Oct;18(10):1023-8

Kinetics of redox-linked proton pumping activity of native and subunit III-depleted cytochrome c oxidase: a stopped-flow investigation. Sarti P, et al. **Proc Natl Acad Sci USA** 1985 Aug;82(15):4876-80

[Regulatory mechanism of mitochondrial H+-ATPase (F0F1)--inhibition of H+-ATPase activity by the intrinsic ATPase inhibitor] Hashimoto T, et al. **Tanpakushitsu Kakusan Koso** 1984 Aug;29(8):610-21 (67 ref.) **(Jpn)**

[Interaction of mitochondrial succinate:ubiquinone reductase with thenoyltrifluoroacetone and carboxin] Grivennikova VG, et al. **Biokhimiia** 1985 Mar;50(3):375-83 (Eng. Abstr.) **(Rus)**

[Primary structure of the OSCP protein that confers sensitivity to oligomycin on the mitochondrial H+-ATPase complex. I. Tryptic and cyanogen bromide peptides] Grinkevich VA, et al. **Bioorg Khim** 1985 Mar; 11(3):321-33 (Eng. Abstr.) **(Rus)**

[Redox regulation of the interaction between mitochondrial H+-ATPase and a natural protein inhibitor] Kozlov IA, et al. **Dokl Akad Nauk SSSR** 1985;281(6):1482-4 **(Rus)**

[Quantitative determination of functionally essential arginine residues in mitochondrial creatine kinase] Moskvitina EL, et al. **Dokl Akad Nauk SSSR** 1985 Mar-Apr;281(1):209-13 **(Rus)**

[Estimation of intact outer and inner membranes of heart mitochondria] Kal'venas AA, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):56-60 (Eng. Abstr.) **(Rus)**

[Calcium-dependent regulation of NAD-isocitrate dehydrogenase in the rat heart mitochondria] Larionov NP, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):87-9 (Eng. Abstr.) **(Rus)**

[The effect of smoking on the cytochrome and oxidase system of the cardiac muscle] Gvozdjáková A, et al. **Bratisl Lek Listy** 1985 Jan;83(1):10-5 (Eng. Abstr.) **(Slo)**

IMMUNOLOGY

The antigenic characteristics and the significance of the adenine nucleotide translocator as a major autoantigen to antimitochondrial antibodies in dilated cardiomyopathy. Schultheiss HP, et al. **Adv Myocardiol** 1985;6:311-27

Demonstration of organ specific antibodies against heart mitochondria (anti-M7) in sera from patients with some forms of heart diseases. Klein R, et al. **Clin Exp Immunol** 1984 Nov;58(2):283-92

Multiplicity of mitochondrial inner membrane antigens from beef heart reacting with antimitochondrial antibodies in sera of patients with primary biliary cirrhosis. Ishii H, et al. **Immunol Lett** 1985;9(6):325-30

Immunological analysis of auto-antibodies against the adenine nucleotide translocator in dilated cardiomyopathy. Schultheiss HP, et al. **J Mol Cell Cardiol** 1985 Jun; 17(6):603-17

[Circulating myocardial antigens in patients with ischemic heart disease] Mel'nik IA, et al. **Vrach Delo** 1985 Feb; (2):65-7 (Eng. Abstr.) **(Rus)**

METABOLISM

Mitochondrial respiration after cardiac perfusion with ethanol or acetaldehyde. Segel LD. **Alcoholism (NY)** 1984 Nov-Dec;8(6):560-4

Respiratory control and the integration of heart high-energy phosphate metabolism by mitochondrial creatine kinase. Jacobus WE. **Annu Rev Physiol** 1985;47:707-25 (85 ref.)

Regulation of mitochondrial activity in cardiac cells. Mela-Riker LM, et al. **Annu Rev Physiol** 1985;47:645-63 (72 ref.)

Biochemical differences between subsarcolemmal and interfibrillar mitochondria from rat cardiac muscle: effects of procedural manipulations. Palmer JW, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):691-702

Ubisemiquinone is the electron donor for superoxide formation by complex III of heart mitochondria. Turrens JF, et al. **Arch Biochem Biophys** 1985 Mar;237(2):408-14

H+ stoichiometry of sites 1 + 2 of the respiratory chain of normal and tumor mitochondria. Villalobo A, et al. **Arch Biochem Biophys** 1984 Sep;233(2):417-27

Experimental myocardial ischemia. Differential injury of mitochondrial subpopulations. Weinstein ES, et al. **Arch Surg** 1985 Mar;120(3):332-8

Influence of molsidomine on thiol-groups of mitochondrial membranes. Zimmer G, et al. **Arzneimittelforsch** 1985; 35(1):103-6

Different respiratory activities of mitochondria isolated from the subendocardium and subepicardium of the canine heart. Camici P, et al. **Basic Res Cardiol** 1984 Jul-Aug; 79(4):454-60

Clonazepam and diltiázem both inhibit sodium-calcium exchange of mitochondria, but only diltiazem inhibits the slow action potentials of cardiac muscles. Matlib MA, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):290-6

The effect of adenylate kinase activity on the rate and efficiency of energy transport from mitochondria to hexokinase. Dżėja P, et al. **Biochem Int** 1985 Feb; 10(2):259-65

Novel isolation of ubiquinone-binding proteins located in different sites of beef heart mitochondrial respiratory chain. Suzuki H, et al. **Biochem Int** 1984 Nov;9(5):563-8

The stoichiometry of the exchange catalysed by the mitochondrial calcium/sodium antiporter. Brand MD. **Biochem J** 1985 Jul 1;229(1):161-6

The concentration of the mitochondrial pyruvate carrier in rat liver and heart mitochondria determined with alpha-cyano-beta-(1-phenylindol-3-yl)acrylate. Shearman MS, et al. **Biochem J** 1984 Nov 1;223(3):673-6

The respiration and calcium content of heart mitochondria from rats with vitamin D-induced cardionecrosis. Zydowo MM, et al. **Biochem J** 1985 Feb 15;226(1):155-61

A redox cycling mechanism of action for 2,3-dichloro-1,4-naphthoquinone with mitochondrial membranes and the role of sulfhydryl groups. Pritsos CA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3771-7

On the hormonal control of heart mitochondrial Ca2+. Crompton M, et al. **Biochem Soc Trans** 1985 Aug; 13(4):667-9

Interactions between the oligomycin sensitivity conferring protein (OSCP) and beef heart mitochondrial F1-ATPase. 2. Identification of the interacting F1 subunits by cross-linking. Dupuis A, et al. **Biochemistry** 1985 Jan 29; 24(3):734-9

Interactions between the oligomycin sensitivity conferring protein (OSCP) and beef heart mitochondrial F1-ATPase. 1. Study of the binding parameters with a chemically radiolabeled OSCP. Dupuis A, et al. **Biochemistry** 1985 Jan 29;24(3):728-33

Thiols in oxidative phosphorylation: inhibition and energy-potentiated uncoupling by monothiol and dithiol modifiers. Yagi T, et al. **Biochemistry** 1984 May 22; 23(11):2449-55

Comparison of cumene hydroperoxide- and NADPH/Fe3+/ADP-induced lipid peroxidation in heart and liver submitochondrial particles. Mechanisms of protection by succinate. Cavallini L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):466-72

Inhibition of energy-transducing reactions by 8-nitreno-ATP covalently bound to bovine heart submitochondrial particles: direct interaction between ATPase and redox enzymes. Herweijer MA, et al. **Biochim Biophys Acta** 1985 Aug 28;809(1):81-9

Oxidative metabolism of Polytron versus Nagarse mitochondria in hearts of genetically diabetic mice. Kuo TH, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):9-15

The use of 8-azido-ATP and 8-azido-ADP as photoaffinity labels of the ATP synthase in submitochondrial particles: evidence for a mechanism of ATP hydrolysis involving two independent catalytic sites? Sloothaak JB, et al. **Biochim Biophys Acta** 1985 Aug 28;809(1):27-38

Mitochondrial phospholipid composition and microviscosity in myocardial ischaemia. Victor T, et al. **Biochim Biophys Acta** 1985 Apr 25;834(2):215-23

Functional studies on in situ-like mitochondria isolated in the presence of polyvinyl pyrrolidone. Wrogemann K, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):1-8

Protection of canine cardiac mitochondrial function by verapamil-cardioplegia during ischemic arrest. Yoon SB, et al. **Circ Res** 1985 May;56(5):704-8

Partial uncoupling, or inhibition of electron transport rate, have equivalent effects on the relationship between the rate of ATP synthesis and proton-motive force in submitochondrial particles. Catia Sorgato M, et al. **FEBS Lett** 1985 Feb 25;181(2):323-7

Ca2+-dependent inhibition by trifluoperazine of the Na+-Ca2+ carrier in mitoplasts derived from heart mitochondria. Hayat LH, et al. **FEBS Lett** 1985 Mar 25; 182(2):281-6

Monoclonal antibodies to mitochondrial coupling factor B. Joshi S, et al. **FEBS Lett** 1985 Jan 1;179(1):143-7

Relationships between the effects of redox potential, alpha-thenoyltrifluoroacetone and malonate on O(2) and H2O2 generation by submitochondrial particles in the presence of succinate and antimycin. Ksenzenko M, et al. **FEBS Lett** 1984 Sep 17;175(1):105-8

Cytochrome b reduction by hexaammineruthenium in mitochondria and submitochondrial particles. Evidence for heme b-562 localization at the M-side of the mitochondrial membrane. Kunz WS, et al. **FEBS Lett** 1984 Sep 17;175(1):100-4

Oligomycin sensitivity-conferring protein (OSCP) of beef heart mitochondria. Internal sequence homology and structural relationship with other proteins. Ovchinnikov YuA, et al. **FEBS Lett** 1984 Sep 17;175(1):109-12

Calcium in myocardial tissue and isolated mitochondria from a teleost. Leknes IL, et al. **Histochemistry** 1984;81(2):149-51

The oligomycin sensitivity conferring protein (OSCP) of beef heart mitochondria: studies of its binding to F1 and its function. Hundal T, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):535-50

Steady-state kinetics of the overall oxidative phosphorylation reaction in heart mitochondria. Evidence for linkage of the energy-yielding and energy-consuming steps by freely diffusible intermediates and for an allosteric mechanism of respiratory control at coupling site 2. Stoner CD. **J Bioenerg Biomembr** 1985 Apr;17(2):85-108

Steady-state kinetics of the overall oxidative phosphorylation reaction in heart mitochondria. Determination of the coupling relationships between the respiratory reactions and miscellaneous observations concerning rate-limiting steps. Stoner CD. **J Bioenerg Biomembr** 1984 Apr;16(2):115-41

K+/H+ antiport in heart mitochondria. Brierley GP, et al. **J Biol Chem** 1984 Dec 10;259(23):14672-8

Mitochondrial metabolism of 3-mercaptopropionic acid. Chemical synthesis of 3-mercaptopropionyl coenzyme A and some of its S-acyl derivatives. Cuebas D, et al. **J Biol Chem** 1985 Jun 25;260(12):7330-6

Metal interactions with beef heart mitochondrial ATPase. Daggett SG, et al. **J Biol Chem** 1985 May 25;260(10):6213-8

Identification of the 29,000-dalton protein and its relevance to oligomycin-sensitive 32Pi-ATP exchange in bovine heart electron transport particles. Joshi S, et al. **J Biol Chem** 1984 Oct 25;259(20):12742-8

3-Mercaptopropionic acid, a potent inhibitor of fatty acid oxidation in rat heart mitochondria. Sabbagh E, et al. **J Biol Chem** 1985 Jun 25;260(12):7337-42

Creatine kinase of rat heart mitochondria. The demonstration of functional coupling to oxidative phosphorylation in an inner membrane-matrix preparation. Saks VA, et al. **J Biol Chem** 1985 Jun 25;260(12):7757-64

Regional changes in mitochondrial respiration in acute myocardial ischemia. Comparison of the inner and outer heart muscles. Minatoguchi H, et al. **Jpn Heart J** 1984 Jul;25(4):609-21

Modification of alkenyl chain profile in plasmalogens of rat heart mitochondria by dietary trielaidin. Wolff RL, et al. **Lipids** 1985 Jun;20(6):367-72

Inhibition of palmitoylcarnitine oxidation by pyruvate in rat heart mitochondria. Brosnan JT, et al. **Metabolism** 1985 Jun;34(6):588-93

Suppression of cellular injury during the calcium paradox in rat heart by factors which reduce calcium uptake by mitochondria. Busselen P. **Pflugers Arch** 1985 May;404(2):166-71

The effects of sodium, hydrogen and magnesium ions on mitochondrial calcium sequestration in adult rat ventricular myocytes. Fry CH, et al. **Proc R Soc Lond [Biol]** 1984 Dec 22;223(1231):239-54

[Experimental study of preservation of mitochondrial injury in reperfused myocardium--myocardial preservation with calcium antagonist] Yoshida H. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1175-83 **(Jpn)** (Eng. Abstr.)

[Reaction of oxidized cytochrome oxidase with cyanide. Effects of pH, cytochrome c and membrane environment] Andreev IM, et al. **Bioorg Khim** 1983 Feb;9(2):216-27 (Eng. Abstr.) **(Rus)**

[Reasons for disorders of fatty acid oxidation in isolated heart mitochondria during ischemia] Balasiavichius RV, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):294-6 (Eng. Abstr.) **(Rus)**

[Creatine kinase reaction in cardiac mitoplasts of rats. Its relation to oxidative phosphorylation] Kuznetsov AV, et al. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):7-14 **(Rus)**

[Mechanism of ischemic disorders of fatty acid oxidation in heart mitochondria] Toleĭkis AI. **Biull Vsesoiuznogo Kardiol Nauchn Tsentra AMN SSSR** 1985;8(1):43-50 (Eng. Abstr.) **(Rus)**

[Changes in the Ca2+ concentration in subcellular fractions of myocardiocytes in sudden death in coronary disease] Sopka NV, et al. **Sud Med Ekspert** 1985 Jan-Mar;28(1):12-4 (Eng. Abstr.) **(Rus)**

[Mitochondrial participation in regulating the transmembrane Ca2+ current within myocardial cells] Alabovskiĭ VV, et al. **Usp Fiziol Nauk** 1985 Jan-Mar;16(1):3-20 (185 ref.) **(Rus)**

[Lipid peroxidation in myocardial mitochondria and the sarcoplasmic reticulum in short-term impairment of coronary circulation] Tsiomik VA. **Vopr Med Khim** 1985 Jan-Feb;31(1):109-11 (Eng. Abstr.) **(Rus)**

[Effect of total ischemia and 3',5'-cAMP on the activity of the thermostable cytoplasmic inhibitor of Ca2+ ion transport in rat heart mitochondria] Turakulov IaKh, et al. **Vopr Med Khim** 1985 Jan-Feb;31(1):85-9 (Eng. Abstr.) **(Rus)**

[The effect of electrolyte and iso-oncotic cardioplegic solutions on oxidative phorphorylation in mitochondria in the ischemic myocardium in dogs] Horecký J, et al. **Bratisl Lek Listy** 1985 Apr;83(4):404-12 (Eng. Abstr.) **(Slo)**

[The effect of trimepranol on metabolism in the ischemic heart muscle] Gvozdják J, et al. **Vnitr Lek** 1985 Mar;31(3):209-15 (Eng. Abstr.) **(Slo)**

PATHOLOGY

Exercise training modifies myocardial mitochondria and myofibril growth in spontaneously hypertensive rats. Crisman RP, et al. **Am J Physiol** 1985 Jan;248(1 Pt 2):H8-14

[Intramyocardial megamitochondria in fibroelastosis of the endocardium: known and enigmatic fact] Mbakop A. **Arch Anat Cytol Pathol** 1985;33(3):173-4 (Eng. Abstr.) **(Fre)**

PHYSIOLOGY

Monitoring of mitochondrial membrane potential in isolated perfused rat heart. Kauppinen RA, et al. **Am J Physiol** 1984 Oct;247(4 Pt 2):H508-16

Depletion of membrane phospholipid and mitochondrial dysfunction associated with coronary reperfusion. Hattori M, et al. **Basic Res Cardiol** 1985 May-Jun;80(3):241-50

Mitochondrial respiration following acute hypoxia in the perfused rat heart. Fuller EO, et al. **J Mol Cell Cardiol** 1985 Jan;17(1):71-81

ULTRASTRUCTURE

A combination of methods for the preparation of highly intact mitoplasts from beef heart mitochondria. Burnette B, et al. **Anal Biochem** 1985 Feb 15;145(1):80-6

Ultrastructural changes of sarcolemma and mitochondria in the isolated rabbit heart during ischemia and reperfusion. Post JA, et al. **Biochim Biophys Acta** 1985 Apr 22;845(1):119-23

Mitochondrial fluorescence patterns in rhodamine 6G-stained myocardial cells in vitro. Analysis by real-time computer video microscopy and laser microspot excitation. Berns MW, et al. **Cell Biophys** 1984 Dec;6(4):263-77

Intermitochondrial junctions in the heart of the frog, Rana esculenta. A thin-section and freeze-fracture study. Duvert M, et al. **Cell Tissue Res** 1985;241(1):129-37

Morphological studies of different mitochondrial populations in monkey myocardial cells. Shimada T, et al. **Cell Tissue Res** 1984;238(3):577-82

Effect of brief vascular perfusion on the ultrastructure and activity of mitochondria isolated from the rat heart. Staecker JL, et al. **Cell Tissue Res** 1985;240(1):247-9

Exploration of nucleotide binding sites in the mitochondrial membrane by 2-azido-[alpha-32P]ADP. Dalbon P, et al. **FEBS Lett** 1985 Jan 28;180(2):212-8

Three proton pumps, morphology and movements. Telford JN, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):335-51

Comparative morphometry of the mitochondria and activity of some enzymes in the myocardium of small mammals. Oron U, et al. **J Mol Cell Cardiol** 1985 Jun;17(6):627-32

[Change in the mitochondria of the left heart ventricle in the intact rabbit during the course of the day (based on scanning electron microscopic data)] Frolov VA, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):350-2 (Eng. Abstr.) **(Rus)**

[Reproductive characteristics of the mitochondria in the cardiac myocyte detected by scanning electron microscopy] Frolov VF, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):94-7 (Eng. Abstr.) **(Rus)**

MITOCHONDRIA, LIVER

ANALYSIS

Immunochemical analysis of the membrane proteins of rat liver and Zajdela hepatoma mitochondria. Nelson BD, et al. **Arch Biochem Biophys** 1984 Oct;234(1):24-30

The internal concentration of K+ in isolated rat liver mitochondria. Sorgo R, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):272-6

X-ray microanalysis of calcium, potassium, and phosphorus in liver mitochondria stressed by carbon tetrachloride. Millette JR, et al. **J Anal Toxicol** 1985 Jul-Aug;9(4):145-51

Purification and general properties of the DNA-binding protein (P16) from rat liver mitochondria. Pavco PA, et al. **J Cell Biol** 1985 Jan;100(1):258-64

Purification of the mitochondrial triiodothyronine (T3) receptor from rat liver. Sterling K, et al. **Trans Assoc Am Physicians** 1983;96:324-35

[Quantitative determination of total mitochondrial protein with Coomassie] Aliverdieva DA, et al. **Prikl Biokhim Mikrobiol** 1984 Nov-Dec;20(6):823-30 (Eng. Abstr.) **(Rus)**

[Characteristics of poly A-containing RNA from liver mitochondria of normal and adrenalectomized rats] Minchenko AG. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):46-9 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Structural and functional impairment of mitochondria from rat livers chronically injured by thioacetamide. Möller B, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Aug;55(2):126-32

Dicorynomycoloyl trehalose activity: comparison of the activity of alpha,alpha'- and beta,beta'-trehalose derivatives on mitochondrial oxidative phosphorylation. Gillois M, et al. **Ann Microbiol (Paris)** 1984 Jul-Aug;135B(1):13-9

Effect of ryodipine on electromechanical parameters of heart and vessels, cAMP phosphodiesterase activity and swelling-contraction cycle of mitochondria. Velena AH, et al. **Arzneimittelforschung** 1985;35(6):907-14

Alloxan effects on mitochondria in vitro: correlation between endogenous adenine nucleotides and efflux of Ca2+. Boquist L. **Biochem Int** 1984 Nov;9(5):637-41

Effect of clofibrate on peroxisomal and mitochondrial beta-oxidation in chicken liver. Ishii S, et al. **Biochem Med** 1985 Jun;33(3):387-92

Effects of endosulfan and its metabolites on rat liver mitochondrial respiration and enzyme activities in vitro. Dubey RK, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3405-10

Salicylate-induced loose coupling: protonmotive force measurements. Haas R, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):900-2

Effects of Stevia rebaudiana natural products on rat liver mitochondria. Kelmer Bracht A, et al. **Biochem Pharmacol** 1985 Mar 15;34(6):873-82

The role of pentachlorophenol in causing mitochondrial derangement in hexachlorobenzene induced experimental porphyria. Masini A, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1171-4

Transmembrane potential of liver mitochondria from hexachlorobenzene-and iron-treated rats. Masini A, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):253-8

The effect of temperature and chronic ethanol feeding on the proton electrochemical potential and phosphate potential in rat liver mitochondria. Rottenberg H, et al. **Biochim Biophys Acta** 1985 Aug 28;809(1):1-10

Nigericin-induced transient changes in rat-liver mitochondria. Zoratti M, et al. **Biochim Biophys Acta** 1984 Nov 26;767(2):231-9

Comparative study of the effects of biphenyl and Kanechlor-400 on the respiratory and energy linked activities of rat liver mitochondria. Nishihara Y. **Br J Ind Med** 1985 Feb;42(2):128-32

Functional impairment of mitochondria from rat livers acutely injured by thioacetamide. Möller B, et al. **Exp Pathol** 1985;28(1):55-7

An ammonium sulphate fraction from rabbit reticulocytes increases the release of proteins from rat liver mitochondria. Miralles VJ, et al. **FEBS Lett** 1985 Feb 11;181(1):39-42

Joint action of membrane-active components from central Asian cobra (Naja naja oxiana Eichwald) venom on rat liver mitochondrial functions. Khole V, et al. **Indian J Biochem Biophys** 1984 Apr;21(2):144-5

Induction of megamitochondria in rat hepatocytes by 1-octadecanol. Wakabayashi T, et al. **J Electron Microsc (Tokyo)** 1984;33(3):236-8

Chlorphentermine-induced biochemical alterations in mitochondrial membranes. Zychlinski L, et al. **J Pharmacol Exp Ther** 1985 Apr;233(1):39-44

Thyroxine-induced changes in rat liver mitochondrial cytochromes. Horrum MA, et al. **Mol Cell Endocrinol** 1985 Jul;41(2-3):163-9

Effect of dextran sulfate on the survival time and mitochondrial function of Adriamycin (doxorubicin)-treated mice. Shinozawa S, et al. **Toxicol Appl Pharmacol** 1985 Jun 30;79(2):353-7

Effect of phthalate esters on energy coupling and succinate oxidation in rat liver mitochondria. Melnick RL, et al. **Toxicology** 1985 Jan;34(1):13-27

Sensitivity of oligomycin-inhibited respiration of isolated rat liver mitochondria to perfluidone, a fluorinated arylalkylsulfonamide. Olorunsogo OO, et al. **Toxicology** 1985 Jun 14;35(3):231-40

Qualitative and quantitative ultrastructural alterations in hepatocytes of rats prenatally exposed to ethanol with special reference to mitochondria, golgi apparatus and peroxisomes. Renau-Piqueras J, et al. **Virchows Arch [A]** 1985;405(2):237-51

[Effect of halogenated inhalational anesthetics on human liver mitochondrial function] Acalovschi I, et al. **Rev Chir [Chir]** 1984 Jul-Aug;33(4):309-18 (Eng. Abstr.) **(Rum)**

[Action of thyroxine on the cytochrome content in the brain and liver mitochondria during the postnatal development of rats] Khamidov DKh, et al. **Biull Eksp Biol Med** 1985 Jun;99(6):696-7 (Eng. Abstr.) **(Rus)**

[Blocking effect of cycloheximide on decreased mitochondrial resistance due to thyroid hormone action] Marzoev AI, et al. **Biull Eksp Biol Med** 1985 May;99(5):540-2 (Eng. Abstr.) **(Rus)**

[Action of the salts of univalent thallium on the liver mitochondria of the rat] Skul'skiĭ IA, et al. **Zh Evol Biokhim Fiziol** 1984 Jul-Aug;20(4):353-5 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Proton ATPase of rat liver mitochondria: a rapid procedure for purification of a stable, reconstitutively active F1 preparation using a modified chloroform method. Williams N, et al. **Anal Biochem** 1984 Aug 1;140(2):581-8

Regulatory aspects of rat liver mitochondrial phospholipase A2: effects of calcium ions and calmodulin. De Winter JM, et al. **Arch Biochem Biophys** 1984 Oct;234(1):243-52

Developmental changes in the activities of peroxisomal and mitochondrial beta-oxidation in chicken liver. Ishii H, et al. **Arch Biochem Biophys** 1985 Feb 15;237(1):151-9

Purification and properties of glutamine synthetase from liver of Squalus acanthias. Shankar RA, et al. **Arch Biochem Biophys** 1985 May 15;239(1):248-59

Covalent binding of folic acid to dimethylglycine dehydrogenase. Wagner C, et al. **Arch Biochem Biophys** 1984 Sep;233(2):457-61

Differential import and processing of the precursors to F1-ATPase beta-subunit and ornithine carbamyltransferase by liver, spleen, heart and kidney mitochondria. Côté C, et al. **Biochem Biophys Res Commun** 1985 May 31; 129(1):240-7

Isolation of pure, catalytically active human liver monoamine oxidase B: antibody complex. Patel NT, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):748-54

Chromatographic differentiation of the mitochondrial and cytosolic fumarases of rat liver and Baker's yeast and differential induction of two fumarases of Baker's yeast. Hiraga K, et al. **Biochem Int** 1984 Oct;9(4):455-61

Effects of cholecalciferol (vitamin D3)-binding proteins and anti-cytochrome b5 immunoglobulin on cholecalciferol 25-hydroxylase activities of rabbit liver microsomes and mitochondria. Hiwatashi A, et al. **Biochem Int** 1983 Nov; 7(5):655-61

Resolution and identification of the 'subunits' of cytochrome C oxidase from mouse liver. Scholes SW, et al. **Biochem Int** 1984 Oct;9(4):475-82

The removal of cytosolic-type aldehyde dehydrogenase from preparations of sheep liver mitochondrial aldehyde dehydrogenase and the unusual properties of the purified mitochondrial enzyme in assays. Allanson S, et al. **Biochem J** 1984 Nov 15;224(1):163-9

Thermodynamic and steady-state-kinetic investigation of the effect of NN'-dicyclohexylcarbodi-imide on H+ translocation by the mitochondrial cytochrome bc1 complex. Brand MD, et al. **Biochem J** 1985 Jan 15; 225(2):407-11

Thermodynamic control of electron flux through mitochondrial cytochrome bc1 complex. Brown GC, et al. **Biochem J** 1985 Jan 15;225(2):399-405

Involvement of hysteretic effects in the inhibition of carnitine palmitoyltransferase by malonyl-CoA. Cook GA. **Biochem J** 1984 Dec 15;224(3):1015-8

Purification and characterization of 2-enoyl-CoA reductase from bovine liver. Cvetanović M, et al. **Biochem J** 1985 Apr 1;227(1):49-56

Complete inhibition of dihydro-orotate oxidation and superoxide production by 1,1,1-trifluoro-3-thenoylacetone in rat liver mitochondria. Dileepan KN, et al. **Biochem J** 1985 Jan 1;225(1):189-94

3-Hydroxy-3-methylglutaryl-coenzyme A synthase from ox liver. Purification, molecular and catalytic properties. Lowe DM, et al. **Biochem J** 1985 Apr 15;227(2):591-9

3-Hydroxy-3-methylglutaryl-coenzyme A synthase from ox liver. Properties of its acetyl derivative. Lowe DM, et al. **Biochem J** 1985 Apr 15;227(2):601-7

Kinetic studies of the uptake of aspartate aminotransferase and malate dehydrogenase into mitochondria in vitro. Marra E, et al. **Biochem J** 1985 Jun 1;228(2):493-503

Removal of an N-terminal peptide from mitochondrial aspartate aminotransferase abolishes its interactions with mitochondria in vitro. O'Donovan KM, et al. **Biochem J** 1985 Jun 15;228(3):609-14

Effect of lead ions on chick-embryo liver mitochondrial delta-aminolaevulinate synthase. Pirola BA, et al. **Biochem J** 1984 Sep 15;222(3):627-30

Organization of Krebs tricarboxylic acid cycle enzymes. Robinson JB Jr, et al. **Biochem Med** 1985 Apr;33(2):149-57

The regulation of mitochondrial-bound hexokinases in the liver. Weiler U, et al. **Biochem Med** 1985 Apr;33(2):223-35

Hormonal control of intramitochondrial Ca2+-sensitive enzymes in heart, liver and adipose tissue. McCormack JG, et al. **Biochem Soc Trans** 1985 Aug;13(4):664-7

Orientation of ferrochelatase in bovine liver mitochondria. Harbin BM, et al. **Biochemistry** 1985 Jan 15;24(2):366-70

Interaction of fluorescent adenine nucleotide derivatives with the ADP/ATP carrier in mitochondria. 2. [5-(Dimethylamino)-1-naphthoyl]adenine nucleotides as probes for the transition between c and m states of the ADP/ATP carrier. Klingenberg M, et al. **Biochemistry** 1984 May 22;23(11):2442-9

Interaction of fluorescent adenine nucleotide derivatives with the ADP/ATP carrier in mitochondria. 1. Comparison of various 3'-O-ester adenine nucleotide derivatives. Mayer I, et al. **Biochemistry** 1984 May 22;23(11):2436-42

Carnitine palmitoyltransferase. Activation by palmitoyl-CoA and inactivation by malonyl-CoA. Bremer J, et al. **Biochim Biophys Acta** 1985 Jan 9;833(1):9-16

An alkaline thiol proteinase in the liver mitochondria of bullfrog, Rana catesbeiana. Goto Y, et al. **Biochim Biophys Acta** 1985 Jul 1;829(3):371-6

Evidence for the presence of one carboxyl group in the catalytic center of D-beta-hydroxybutyrate dehydrogenase. Inactivation and binding studies with carbodiimide reagents. el Kebbaj MS, et al. **Biochim Biophys Acta** 1984 Sep 25;789(3):278-84

Contribution of different enzymes to flavoprotein fluorescence of isolated rat liver mitochondria. Kunz WS, et al. **Biochim Biophys Acta** 1985 Sep 6;841(3):237-46

Simultaneous preparation of the three biotin-containing mitochondrial carboxylases from rat liver. Oei J, et al. **Biochim Biophys Acta** 1985 May 29;840(1):1-5

Purification and structural comparisons of the cytosolic and mitochondrial isoenzymes of fumarase from pig liver. O'Hare MC, et al. **Biochim Biophys Acta** 1985 Feb 4; 827(2):127-34

On the mechanism of the chemical modification of the mitochondrial acetyl-CoA acetyltransferase by coenzyme A. Quandt L, et al. **Biochim Biophys Acta** 1985 May 20; 829(1):103-8

Isolation and subunit composition of membrane inorganic pyrophosphatase from rat-liver mitochondria. Volk SE, et al. **Biochim Biophys Acta** 1984 Dec 7;791(2):198-204

CDP-diglyceride hydrolase from pig liver mitochondria. Nicholson DW, et al. **Can J Biochem Cell Biol** 1984 Nov; 62(11):1205-16

Partial purification and some properties of mitochondrial aldehyde reductases from chicken liver. Kohno T, et al. **Chem Pharm Bull (Tokyo)** 1984 Aug;32(8):3118-27

Mitochondrial enzymes in human serum: comparative determinations of glutamate dehydrogenase and mitochondrial aspartate aminotransferase in healthy persons and patients with chronic liver diseases. Jung K, et al. **Clin Chem** 1985 Feb;31(2):239-43

Functional changes in mitochondrial properties as a result of their membrane cryodestruction. II. Influence of freezing and thawing on ATP complex activity of intact liver mitochondria. Tsvetkov T, et al. **Cryobiology** 1985 Apr; 22(2):111-8

Functional changes in mitochondrial properties as a result of their membrane cryodestruction. I. Influence of freezing and thawing on succinate-ferricyanide reductase of intact liver mitochondria. Tsvetkov T, et al. **Cryobiology** 1985 Feb;22(1):47-54

Insulin mediator stimulates pyruvate dehydrogenase of intact liver mitochondria. Parker JC, et al. **Diabetes** 1985 Jan; 34(1):92-7

The primary structure of the imported mitochondrial protein, ornithine transcarbamylase from rat liver: mRNA levels during ontogeny. McIntyre P, et al. **DNA** 1985 Apr; 4(2):147-56

Glycosyltransferase activities in liver mitochondria. Phospholipid-dependence of inner membrane mannosyltransferase. Ardail D, et al. **Eur J Biochem** 1985 Jun 18;149(3):497-502

Complete nucleotide sequence of hepatic 5-aminolaevulinate synthase precursor. Borthwick IA, et al. **Eur J Biochem** 1985 Aug 1;150(3):481-4

Structure of the cytochrome c oxidase complex of rat liver. 1. Studies on nearest-neighbour relationship of polypeptides with cross-linking reagents. Jarausch J, et al. **Eur J Biochem** 1985 Jan 2;146(1):211-7

Structure of the cytochrome c oxidase complex of rat liver. 2. Topological orientation of polypeptides in the membrane as studied by proteolytic digestion and immunoblotting. Jarausch J, et al. **Eur J Biochem** 1985 Jan 2;146(1):219-25

Isolation and properties of cytochrome c oxidase from rat liver and quantification of immunological differences between isozymes from various rat tissues with subunit-specific antisera. Kuhn-Nentwig L, et al. **Eur J Biochem** 1985 May 15;149(1):147-58

Rat liver glutaminase. Regulation by reversible interaction with the mitochondrial membrane. McGivan J, et al. **Eur J Biochem** 1985 Apr 15;148(2):323-7

Transport of proteins into mitochondrial matrix. Evidence suggesting a common pathway for 3-ketoacyl-CoA thiolase and enzymes having presequences. Mori M, et al. **Eur J Biochem** 1985 May 15;149(1):181-6

Biosynthesis of enzymes of rat-liver mitochondrial beta-oxidation. Ozasa H, et al. **Eur J Biochem** 1984 Nov 2;144(3):453-8

On the regulation of cold-labile cytosolic and of mitochondrial acetyl-CoA hydrolase in rat liver. Söling HD, et al. **Eur J Biochem** 1985 Feb 15;147(1):111-7

CGP 4718 A, a new potential antidepressant with a dual mode of action. Waldmeier PC, et al. **Eur J Pharmacol** 1984 Dec 15;107(1):79-89

Interaction of BW755C, a potent inhibitor of lipoxygenase and cyclo-oxygenase, with mitochondrial cytochrome oxidase. Kawai K, et al. **Experientia** 1985 Apr 15; 41(4):490-2

Alterations in mitochondrial aconitase activity and respiration, and in concentration of citrate in some organs of mice with experimental or genetic diabetes. Boquist L, et al. **FEBS Lett** 1985 Apr 8;183(1):173-6

Inhibition by alloxan of mitochondrial aconitase and other enzymes associated with the citric acid cycle. Boquist L, et al. **FEBS Lett** 1984 Dec 10;178(2):245-8

Changes in activity and F1 content of mitochondrial H+-ATPase in regenerating rat liver. Buckle M, et al. **FEBS Lett** 1985 Sep 2;188(2):345-51

3-Hydroxyacyl-CoA epimerase is a peroxisomal enzyme and therefore not involved in mitochondrial fatty acid oxidation. Chu CH, et al. **FEBS Lett** 1985 Jun 3; 185(1):129-34

High sensitivity of carnitine acyltransferase I to malonyl-CoA inhibition in liver of obese Zucker rats. Clouet P, et al. **FEBS Lett** 1985 Mar 25;182(2):331-4

Catecholamine control of enzymes involved in isocitrate oxidation of rat liver mitochondria. Kulinsky VI, et al. **FEBS Lett** 1984 Nov 5;177(1):143-5

Evidence that adrenaline activates key oxidative enzymes in rat liver by increasing intramitochondrial [Ca2+]. McCormack JG. **FEBS Lett** 1985 Jan 28;180(2):259-64

A highly basic N-terminal extension of the mitochondrial matrix enzyme ornithine transcarbamylase from rat liver. McIntyre P, et al. **FEBS Lett** 1984 Nov 5;177(1):41-6

Human mitochondrial aldehyde dehydrogenase inhibition by diethyldithiocarbamic acid methanethiol mixed disulfide: a derivative of disulfiram. MacKerell AD Jr, et al. **FEBS Lett** 1985 Jan 1;179(1):77-81

Thermodynamic limits to the stoichiometry of H+ pumping by mitochondrial cytochrome oxidase. Murphy MP, et al. **FEBS Lett** 1985 Jul 22;187(1):16-20

Evidence of hemin as an end product inhibitor of L-alanine: 4,5-dioxovalerate transaminase in rat liver mitochondria. Shanker J, et al. **FEBS Lett** 1985 Sep 9;189(1):129-32

Heme a induces assembly of rat liver cytochrome c oxidase subunits I--III in isolated mitochondria. Wielburski A, et al. **FEBS Lett** 1984 Nov 19;177(2):291-4

Effects of 1,1,1-trichloro-2,2-bis-(p-chlorophenyl)ethane (DDT) on ATPase-linked functions in isolated rat-liver mitochondria. Nishihara Y, et al. **Food Chem Toxicol** 1985 Jun;23(6):599-602

Enhancement of choline dehydrogenase activity in rat liver mitochondria by clofibrate feeding. Kramar R, et al. **Hoppe Seylers Z Physiol Chem** 1984 Oct;365(10):1207-10

Effect of Ca2+ on the action of cobra (Naja naja oxiana Eichwald) venom components on mitochondrial enzyme systems. Khole V, et al. **Indian J Biochem Biophys** 1984 Aug;21(4):283-4

Effect of adriamycin administration on some mitochondrial enzyme activities in rats. Muhammed H, et al. **Indian J Biochem Biophys** 1984 Jun;21(3):208-10

Mouse mitochondrial aldehyde dehydrogenase isozymes: purification and molecular properties. Algar EM, et al. **Int J Biochem** 1985;17(1):51-60

Does ornithine stimulate carbamoylphosphate synthetase? Banko G, et al. **Int J Biochem** 1985;17(4):503-7

The effect of glucagon on N-acetylglutamate-synthetase. Banko G, et al. **Int J Biochem** 1985;17(6):737-9

Characterization of mitochondrial aspartate aminotransferase from the liver of pyridoxine-deficient rats. Nagata K, et al. **J Biochem (Tokyo)** 1985 Feb;97(2):501-7

Release of hepatic mitochondrial ornithine transcarbamylase into the circulation in D-galactosamine-treated rats. Identification of serum ornithine transcarbamylase as the intact form of the mitochondrial enzyme. Tsuda M, et al. **J Biochem (Tokyo)** 1985 May;97(5):1391-9

Saturated amines and diamines as substrates which inhibit beef liver mitochondrial monoamine oxidase. Von Korff RW, et al. **J Bioenerg Biomembr** 1984 Dec;16(5-6):597-609

Import of rat liver mitochondrial malate dehydrogenase. Binding of the precursor to mitochondria, an intermediate step in import. Chien SM, et al. **J Biol Chem** 1984 Nov 25;259(22):13633-6

Identification of the covalently bound flavin of dimethylglycine dehydrogenase and sarcosine dehydrogenase from rat liver mitochondria. Cook RJ, et al. **J Biol Chem** 1984 Oct 25;259(20):12475-80

The interaction of glucagon treatment and uncoupler concentration on ATPase activity of rat liver mitochondria. Haynes RC Jr, et al. **J Biol Chem** 1984 Nov 10; 259(21):13228-34

The topography of glycerophosphate acyltransferase in the transverse plane of the mitochondrial outer membrane. Hesler CB, et al. **J Biol Chem** 1985 Jun 25;260(12):7452-6

Purification and characterization of short-chain, medium-chain, and long-chain acyl-CoA dehydrogenases from rat liver mitochondria. Isolation of the holo- and apoenzymes and conversion of the apoenzyme to the holoenzyme. Ikeda Y, et al. **J Biol Chem** 1985 Jan 25; 260(2):1311-25

Binding of ATP citrate lyase to the microsomal fraction of rat liver. Linn TC, et al. **J Biol Chem** 1984 Nov 10; 259(21):13379-84

Ca2+ and Mg2+-enhanced reduction of arsenazo III to its anion free radical metabolite and generation of superoxide anion by an outer mitochondrial membrane azoreductase. Moreno SN, et al. **J Biol Chem** 1984 Dec 10; 259(23):14609-16

Developmental profiles and properties of hepatic peroxisomal apo- and mitochondrial holoalanine:glyoxylate aminotransferase during chick embryogenesis. Noguchi T, et al. **J Biol Chem** 1984 Dec 10;259(23):14498-504

Characterization and derivation of the gene coding for mitochondrial carbamyl phosphate synthetase I of rat. Nyunoya H, et al. **J Biol Chem** 1985 Aug 5;260(16):9346-56

An essential cysteine residue located in the vicinity of the FAD-binding site in short-chain, medium-chain, and long-chain acyl-CoA dehydrogenases from rat liver mitochondria. Okamura-Ikeda K, et al. **J Biol Chem** 1985 Jan 25;260(2):1338-45

Translocation of proteins into rat liver mitochondria. Existence of two different precursor polypeptides of liver fumarase and import of the precursor into mitochondria. Ono H, et al. **J Biol Chem** 1985 Mar 25;260(6):3402-7

Inhibitor peptide of mitochondrial proton adenosine triphosphatase. Neutralization of its inhibitory action by calmodulin. Pedersen PL, et al. **J Biol Chem** 1984 Dec 25;259(24):15148-53

Organization of Krebs tricarboxylic acid cycle enzymes in mitochondria. Robinson JB Jr, et al. **J Biol Chem** 1985 Sep 5;260(19):10800-5

Adenine nucleotide translocase activity and sensitivity to inhibitors in hepatomas. Comparison of the ADP/ATP carrier in mitochondria and in a purified reconstituted liposome system. Woldegiorgis G, et al. **J Biol Chem** 1985 Jun 25;260(12):7585-90

Biosynthesis of rat liver transhydrogenase in vivo and in vitro. Wu LN, et al. **J Biol Chem** 1985 May 25; 260(10):6361-6

Effect of Reye's syndrome serum on isolated chinchilla liver mitochondria. Tonsgard JH, et al. **J Clin Invest** 1985 Aug; 76(2):816-25

Action of DCCD on the H+/O stoichiometry of mitoplast cytochrome c oxidase. Lehninger AL, et al. **J Inorg Biochem** 1985 Mar-Apr;23(3-4):335-40

Effects of protein-free diet and food deprivation on hepatic rhodanese activity, serum proteins and acute cyanide lethality in mice. Rutkowski JV, et al. **J Nutr** 1985 Jan; 115(1):132-7

Adenylate energy charge and cytochrome a (+a3) in the cirrhotic rat liver. Jikko A, et al. **J Surg Res** 1984 Nov; 37(5):361-8

Effect of perchlorate treatment on mitochondrial MAO-A and -B activities. Arai Y, et al. **Med Biol** 1984;62(4):245-9

3-Hydroxy-3-methylglutaryl-CoA synthase from chicken liver. Miziorko HM. **Methods Enzymol** 1985;110:19-26

A cDNA clone for the precursor of rat mitochondrial ornithine transcarbamylase: comparison of rat and human leader sequences and conservation of catalytic sites. Kraus JP, et al. **Nucleic Acids Res** 1985 Feb 11;13(3):943-52

Absence of diffusible inhibitor of glutamate dehydrogenase in the hepatocytes of Reye syndrome patients. Mitchell RA, et al. **Pediatr Res** 1985 Jan;19(1):110-2

Synthesis and transport of the precursor for the beta-subunit of rat liver F1-ATPase. Miralles VJ, et al. **Physiol Chem Phys Med NMR** 1984;16(6):513-9

Molecular cloning and nucleotide sequence of cDNA for rat ornithine carbamoyltransferase precursor. Takiguchi M, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7412-6

Inhibition of mitochondrial carnitine palmitoyl transferase A in vivo with methyl 2-tetradecylglycidate (methyl palmoxirate) and its relationship to ketonemia and glycemia. Tutwiler GF, et al. **Proc Soc Exp Biol Med** 1985 Feb;178(2):288-96

Concentration effects in assays of sheep liver mitochondrial aldehyde dehydrogenase and their interpretation in terms of enzyme dissociation. Dickinson FM, et al. **Prog Clin Biol Res** 1985;174:71-81

Chemical modification of human aldehyde dehydrogenase. Pietruszko R, et al. **Prog Clin Biol Res** 1985;174:29-41

Spontaneous dissociation of tetrameric horse liver mitochondrial aldehyde dehydrogenase to dimers. Weiner H, et al. **Prog Clin Biol Res** 1985;174:83-90

Chemical probes for the active site of aldehyde dehydrogenase. Weiner H, et al. **Prog Clin Biol Res** 1985; 174:57-70

Effect of separate and combined treatment with chlorpromazine and lithium on mouse liver alcohol and aldehyde dehydrogenase. Messiha FS. **Vet Hum Toxicol** 1984;26 Suppl 2:38-40

[Quantitative approach to the interactions of D-beta-hydroxybuturate dehydrogenase with phospholipids] Berrez JM, et al. **C R Soc Biol (Paris)** 1984; 178(4):467-73 (Eng. Abstr.) **(Fre)**

[Enzymatic and immunologic study of the role of the thyroid hormone in the formation of the internal mitochondrial membrane during postnatal development of the rat] Coquard C, et al. **C R Soc Biol (Paris)** 1984;178(4):414-20 (Eng. Abstr.) **(Fre)**

[A kinetic method for determination of malate dehydrogenase isoenzyme activities in blood plasma and tissue samples] Wagenknecht C, et al. **Z Med Lab Diagn** 1985;26(4):221-8 (Eng. Abstr.) **(Ger)**

[Characterization of rat monoamine oxidase and the alteration of their activities in iron deficiency] Onda K. **Nippon Ika Daigaku Zasshi** 1984 Aug;51(4):482-91 (Eng. Abstr.) **(Jpn)**

[Studies on the proteolytic activity in the liver mitochondria] Osuga M. **Nippon Ika Daigaku Zasshi** 1985 Feb;52(1):49-57 (Eng. Abstr.) **(Jpn)**

[Molecular weight of mitochondrial type B MAO in various organs of guinea pig] Obata T, et al. **Nippon Yakurigaku Zasshi** 1985 Jan;85(1):23-31 (Eng. Abstr.) **(Jpn)**

[Kinetic study of hepatic mitochondrial monoamine oxidase in the presence of compounds with different polar characteristics] Cravino M, et al. **Acta Med Port** 1984 Sep-Oct;5(9-10):273-7 (Eng. Abstr.) **(Por)**

[Effect of visible light on the ATP synthetase function of mitochondria] Vishnevskiĭ ES, et al. **Biofizika** 1984 Jul-Aug;29(4):637-9 (Eng. Abstr.) **(Rus)**

[Regulation of adenosine triphosphatase activity in mitochondria, chloroplasts and erythrocytes by anions, adenosine diphosphate and alcohols] Ivashchenko AT, et al. **Biokhimiia** 1985 Jun;50(6):903-10 (Eng. Abstr.) **(Rus)**

[Effect of solubilization by methylethyl ketone of mitochondrial monoamine oxidase of the rat liver on the kinetic properties of the enzyme] Volkovitskaia OE, et al. **Biokhimiia** 1984 Sep;49(9):1502-9 (Eng. Abstr.) **(Rus)**

[Inhibition of phospholipid hydrolysis by phospholipase A2 in microsomal and mitochondrial membranes subjected to lipid peroxidation] Balevska PS, et al. **Biull Eksp Biol Med** 1985 Feb;99(2):161-4 (Eng. Abstr.) **(Rus)**

[Demonstration of individual reactivity in the dynamics of changes in the concentration of mitochondrial cytochromes during the cirrhotic process] Kotova EN. **Biull Eksp Biol Med** 1985 Mar;99(3):303-6 (Eng. Abstr.) **(Rus)**

[Electric potential generation on the mitochondrial membrane during the hydrolysis of inorganic pyrophosphate] Dukhovich VF, et al. **Dokl Akad Nauk SSSR** 1983;272(2):496-9 **(Rus)**

[Function of the mitochondria and lysosomal apparatus of rabbit liver cells in burn shock] Slepneva LV, et al. **Patol Fiziol Eksp Ter** 1985 Mar-Apr;(2):32-6 (Eng. Abstr.) **(Rus)**

[Aldolase metabolism in liver mitochondria and plasma of tumor-bearing rats] Komov VP, et al. **Vopr Med Khim** 1985 May-Jun;31(3):24-6 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Specificities and characteristics of mitochondrial protein antigens assessed by enzyme linked immunosorbent assay for anti-mitochondrial antibodies. Relationship to immunofluorescent and precipitating antibodies. Gupta RC. **Clin Exp Immunol** 1985 Mar;59(3):604-12

Precipitating autoantibodies to mitochondrial proteins in progressive systemic sclerosis. Gupta RC, et al. **Clin Exp Immunol** 1984 Oct;58(1):68-76

A simple enzyme-linked immunosorbent assay for detection of anti-mitochondrial antibodies. Kenna JG, et al. **J Immunol Methods** 1984 Oct 26;73(2):401-13

[Asymptomatic primary biliary cirrhosis. Value of fractionating antimitochondrial antibodies] Salmon I, et al. **Acta Gastroenterol Belg** 1984 Sep-Oct;47(5):500-5 (Eng. Abstr.) **(Fre)**

[Clinical significance of antimitochondrial antibodies] Rüegg R, et al. **Schweiz Med Wochenschr** 1985 Mar 2;115(9):290-6 (Eng. Abstr.) **(Ger)**

METABOLISM

Carbon tetrachloride activation by highly purified liver mitochondrial preparations. de Castro CR, et al. **Agents Actions** 1984 Dec;15(5-6):664-7

Use of digitonin fractionation to determine mitochondrial transmembrane ion distribution in cells during anoxia. Andersson BS, et al. **Anal Biochem** 1985 Apr;146(1):164-72

Relative bioactivity of alpha- and gamma-tocopherol calculated from respiration parameters in rat liver mitochondria. Schäfer H, et al. **Ann Nutr Metab** 1984; 28(5):297-304

Inhibitory effect of sterigmatocystin and 5,6-dimethoxysterigmatocystin on ATP synthesis in mitochondria. Kawai K, et al. **Appl Environ Microbiol** 1984 Nov;48(5):1001-3

Differential effects of N-acetylglutamate on citrulline synthesis by coupled and uncoupled mitochondria. Cohen NS, et al. **Arch Biochem Biophys** 1984 Oct;234(1):31-44

Rate control of phosphorylation-coupled respiration by rat liver mitochondria. Davis EJ, et al. **Arch Biochem Biophys** 1984 Sep;233(2):573-81

Inhibition of the oxidation of acetaldehyde and formaldehyde by hepatocytes and mitochondria by crotonaldehyde. Dicker E, et al. **Arch Biochem Biophys** 1984 Oct; 234(1):187-96

Mitochondrial-microsomal interactions in vitro: use of microsomal 7-ethoxycoumarin O-deethylase to study succinate-stimulated malate efflux from mitochondria. Holtzclaw WD, et al. **Arch Biochem Biophys** 1984 Sep; 233(2):345-53

The effect of pressure on fetal and neonatal liver mitochondrial membranes. Mertens-Strijthagen J, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):825-31

H+ stoichiometry of sites 1 + 2 of the respiratory chain of normal and tumor mitochondria. Villalobo A, et al. **Arch Biochem Biophys** 1984 Sep;233(2):417-27

Studies on the response of isolated rat liver mitochondria to polychlorinated biphenyls (Kanechlors). Nishihara Y, et al. **Arch Environ Contam Toxicol** 1985 Jan;14(1):65-71

Erythromycin estolate impairs the mitochondrial and microsomal calcium homeostasis: correlation with hepatotoxicity. Richelmi P, et al. **Arch Toxicol [Suppl]** 1984; 7:298-302

Action on mitochondrial calcium metabolism of an ionophorous compound isolated from uremic plasma or normal urine. Fournier N, et al. **Artif Organs** 1985 Feb; 9(1):22-7

Endogenous free radical generation may influence proteolysis in mitochondria. Dean RT, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1082-9

Divicine induces calcium release from rat liver mitochondria. Graf M, et al. **Biochem Biophys Res Commun** 1985 May 31;129(1):18-25

Influence of anion flux upon mitochondrial oxidative phosphorylation. Howland JL, et al. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):473-6

Ammonium inhibition of fatty acid oxidation in rat liver mitochondria. A possible cause of fatty liver in Reye's syndrome and urea cycle defects. Maddaiah VT. **Biochem Biophys Res Commun** 1985 Mar 15;127(2):565-70

The effect of ferric iron complex on Ca2+ transport in isolated rat liver mitochondria. Masini A, et al. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):207-13

Functional efficiency of mitochondrial membrane of rats with hepatic chronic iron overload. Masini A, et al. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):462-9

Inhibition of ruthenium red-induced Ca2+ efflux from liver mitochondria by the antibiotic X-537A. Pereira da Silva L, et al. **Biochem Biophys Res Commun** 1984 Oct 15; 124(1):80-6

Investigation of the mechanism of hepatotoxicity of N-methylformamide in mice: effects on calcium sequestration in hepatic microsomes and mitochondria and on hepatic plasma membrane potential. Whitby H, et al. **Biochem Biophys Res Commun** 1984 Dec 14;125(2):712-8

Inhibition of lipid peroxidation by alpha-tocopherolquinone and alpha-tocopherolhydroquinone. Bindoli A, et al. **Biochem Int** 1985 May;10(5):753-61

Changes in the triacylglycerol content of mitochondrial membranes during development. Harsas W, et al. **Biochem Int** 1985 Mar;10(3):487-94

Quantitative determination of cytochromes in the aerobic respiratory chain of Escherichia coli by high-performance liquid chromatography and its application to analysis of mitochondrial cytochromes. Kita K, et al. **Biochem Int** 1985 Feb;10(2):319-26

Partial purification of the receptor protein essential for import of pre-ornithine aminotransferase into mitochondria. Ono H, et al. **Biochem Int** 1985 Mar;10(3):351-7

Elevated phosphate transporting activity and phosphate carrier content in mitochondria of rat hepatoma with high glycolytic capacity. Tkáčová E, et al. **Biochem Int** 1985 Jul;11(1):45-50

Electroneutral efflux of Ca2+ from liver mitochondria. Brand MD. **Biochem J** 1985 Jan 15;225(2):413-9

The intracellular calcium antagonist TMB-8 [8-(NN-diethylamino)octyl-3,4,5-trimethoxybenzoate] inhibits mitochondrial ATP production in rat thymocytes. Brand MD, et al. **Biochem J** 1984 Dec 15;224(3):1027-30

Effects of lysophospholipids on Ca2+ transport in rat liver mitochondria incubated at physiological Ca2+ concentrations in the presence of Mg2+, phosphate and ATP at 37 degrees C. Dalton S, et al. **Biochem J** 1984 Dec 1;224(2):423-30

A re-evaluation of the role of mitochondrial pyruvate transport in the hormonal control of rat liver mitochondrial pyruvate metabolism. Halestrap AP, et al. **Biochem J** 1984 Nov 1;223(3):677-85

Labelling of liver glutamate by [1-14C]- and [2-14C]-pyruvate as a measure of oxaloacetate-fumarate disequilibrium in the mitochondria. Heath DF. **Biochem J** 1985 May 1;227(3):866-7

Oxidative metabolism of long-chain fatty acids in mitochondria from sheep and rat liver. Evidence that sheep conserve linoleate by limiting its oxidation. Reid JC, et al. **Biochem J** 1985 Jan 1;225(1):233-7

Functional changes in rat liver mitochondria on administration of 2-methyl-4-dimethylaminoazobenzene. Saikumar P, et al. **Biochem J** 1984 Dec 15;224(3):955-60

The concentration of the mitochondrial pyruvate carrier in rat liver and heart mitochondria determined with alpha-cyano-beta-(1-phenylindol-3-yl)acrylate. Shearman MS, et al. **Biochem J** 1984 Nov 1;223(3):673-6

Heat exposure and hypothyroid conditions decrease hydrogen peroxide generation in liver mitochondria. Swaroop A, et al. **Biochem J** 1985 Mar 1;226(2):403-8

Effects of thyroid hormone on mitochondrial oxidative phosphorylation. Verhoeven AJ, et al. **Biochem J** 1985 Feb 15;226(1):183-92

Effects of the mode of addition of acyl-CoA on the initial rate of formation of acylcarnitine in the presence of carnitine by intact rat liver mitochondria in vitro. Zammit VA. **Biochem J** 1985 Jul 1;229(1):273-5

A microchamber for polarographic assay. Haas RH, et al. **Biochem Med** 1984 Aug;32(1):138-43

Metabolism of prostaglandin E analogs in the guinea pig liver mitochondrial fraction. Steffenrud S. **Biochem Med** 1984 Oct;32(2):161-80

Effects of ticlopidine, a new platelet antiaggregating agent, and its analogues on mitochondrial metabolism. Oxidative phosphorylation, protein synthesis and DNA polymerase activity. Abou-Khalil WH, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3893-8

Effects of guanethidine on electron transport and proton movements in rat heart, brain and liver mitochondria. Ferreira J, et al. **Biochem Pharmacol** 1985 Jul 15; 34(14):2507-12

A redox cycling mechanism of action for 2,3-dichloro-1,4-naphthoquinone with mitochondrial membranes and the role of sulfhydryl groups. Pritsos CA, et al. **Biochem Pharmacol** 1984 Dec 1;33(23):3771-7

The ATP-dependent breakdown of proteins in mammalian mitochondria. Desautels M, et al. **Biochem Soc Trans** 1985 Apr;13(2):290-3

Intramitochondrial loci for the hormonal regulation of hepatic gluconeogenesis. Haynes RC. **Biochem Soc Trans** 1985 Aug;13(4):655-6

On the question of stable activation by glucagon of mitochondrial functions. Siess EA, et al. **Biochem Soc Trans** 1985 Aug;13(4):657-9

Stimulation of the glycine cleavage system by short-chain fatty acids in isolated rat liver mitochondria. Hampson RK, et al. **Biochemistry** 1984 Sep 25;23(20):4604-10

Mobility in the mitochondrial electron transport chain. Hochman J, et al. **Biochemistry** 1985 May 7;24(10):2509-16

Bypasses of the antimycin a block of mitochondrial electron transport in relation to ubisemiquinone function. Alexandre A, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):120–9

Formation of glycine and aminoacetone from L-threonine by rat liver mitochondria. Bird MI, et al. **Biochim Biophys Acta** 1984 Nov 28;802(2):229–36

The stimulatory effect of alloxan diabetes on citrulline formation in rabbit liver mitochondria. Bryla J, et al. **Biochim Biophys Acta** 1985 Mar 29;839(1):90–5

Comparison of cumene hydroperoxide- and NADPH/Fe3+/ADP-induced lipid peroxidation in heart and liver submitochondrial particles. Mechanisms of protection by succinate. Cavallini L, et al. **Biochim Biophys Acta** 1984 Oct 4;795(3):466–72

Protein synthesis by hepatic mitochondria isolated from carbon tetrachloride-exposed rats. De Wit RH, et al. **Biochim Biophys Acta** 1985 Mar 20;824(3):256–61

Arginine uptake by isolated rat liver mitochondria. Freedland RA, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):407–12

Fast cold-induced activation of the external pathway of NADH oxidation in liver mitochondria of hyperthyroid rats. Kirillova GP, et al. **Biochim Biophys Acta** 1985 Jan 23;806(1):75–80

Flux of palmitate through the peroxisomal and mitochondrial beta-oxidation systems in isolated rat hepatocytes. Kondrup J, et al. **Biochim Biophys Acta** 1985 Jun 14; 835(1):147–53

An investigation on the effect of oligomycin on state-4 respiration in isolated rat-liver mitochondria. Masini A, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):130–7

Transport of 2-oxoisocaproate in isolated hepatocytes and liver mitochondria. Nałecz KA, et al. **Biochim Biophys Acta** 1984 Sep 14;805(1):1–11

The interaction of adriamycin with cardiolipin in model and rat liver mitochondrial membranes. Nicolay K, et al. **Biochim Biophys Acta** 1984 Dec 5;778(2):359–71

Transferrin as a donor of iron to mitochondria. Effect of pyrophosphate and relationship to mitochondrial metabolism and heme synthesis. Nilsen T, et al. **Biochim Biophys Acta** 1984 Dec 20;802(3):448–53

In vitro synthesis and assembly of a 68 kDa outer mitochondrial membrane protein from rat liver. Noël C, et al. **Biochim Biophys Acta** 1985 Mar 28;814(1):35–42

Impairment of citrulline synthesis during late pregnancy and lactation in rats. Rabier D, et al. **Biochim Biophys Acta** 1985 Jan 28;838(1):1–5

Effect of administration of 2-methyl-4-dimethylaminoazobenzene on the half-lives of rat liver mitochondria and cytochrome oxidase. Saikumar P, et al. **Biochim Biophys Acta** 1985 May 29;840(1):127–33

Uptake of spermine by rat liver mitochondria and its influence on the transport of phosphate. Toninello A, et al. **Biochim Biophys Acta** 1985 May 28;815(3):399–404

A re-evaluation of conditions required for an accurate estimation of the extramitochondrial ATP/ADP ratio in isolated rat-liver mitochondria. Wanders RJ, et al. **Biochim Biophys Acta** 1984 Oct 26;767(1):113–9

On the state of calcium ions in isolated rat liver mitochondria IV. Prevention of phosphate-induced mitochondrial destruction by ruthenium red-insensitive calcium release. Blaich G, et al. **Biol Chem Hoppe Seyler** 1985 May; 366(5):515–9

Citrulline synthesis--a tool for investigation of the mitochondrial energy metabolism. Letko G, et al. **Biomed Biochim Acta** 1984;43(4):419–27

Influence of octanoate on the rate of oxidative phosphorylation and the associated extramitochondrial ATP/ADP ratios studied with isolated rat liver mitochondria oxidizing pyruvate. Schönfeld P, et al. **Biomed Biochim Acta** 1984;43(10):1055–65

Glucagon treatment of rats inhibits the accumulation of lysophospholipids by liver mitochondria during preparation and subsequent incubation. Armston AE, et al. **Biosci Rep** 1984 Nov;4(11):903–8

N-ethylmaleimide as oxidizing agent in biological and non-biological systems. Marzulli D, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):121–7

An indirect and highly sensitive method for the determination of the flow of reducing equivalents in the respiratory chain. Marzulli D, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30; 61(1):129–35

The effect of some sulfhydryl reagents on the respiratory chain activity. Zanotti F, et al. **Boll Soc Ital Biol Sper** 1985 Jan 30;61(1):113–20

NADP redox state and mitochondrial Ca2+ efflux: a controversial issue. Vercesi AE, et al. **Braz J Med Biol Res** 1984;17(3–4):353–6

Mitochondrial bioenergetics during exposure of rats to perfluidone, a fluorinated arylalkylsulphonamide. Olorunsogo OO, et al. **Chem Biol Interact** 1984 Nov; 52(1):67–78

The influence of fasting on chicken liver metabolites, enzymes and mitochondrial respiration. Bobyleva-Guarriero V, et al. **Comp Biochem Physiol [B]** 1984;78(3):627–32

Branched chain alpha-keto acid dehydrogenase in tissues from rainbow trout (Salmo gairdnerii). Ottesen I, et al. **Comp Biochem Physiol [B]** 1984;79(3):489–91

Alloxan effects on mitochondria: study of oxygen consumption, fluxes of Mg2+, Ca2+, K+ and adenine nucleotides, membrane potential and volume change in vitro. Boquist L. **Diabetologia** 1984 Sep;27(3):379–86

Quantitative studies on the in vitro metabolic activation of dimethylnitrosamine by rat liver postmitochondrial supernatant. Doolittle DJ, et al. **Environ Health Perspect** 1984 Aug;57:327–32

Rat alpha 1-microglobulin. Purification from urine and synthesis by hepatocyte monolayers. Akerström B, et al. **Eur J Biochem** 1985 Jan 15;146(2):353–8

The mitochondrial location of protoporphyrinogen oxidase. Deybach JC, et al. **Eur J Biochem** 1985 Jun 3;149(2):431–5

Quantitative and mechanistic aspects of the hydroperoxide-induced release of Ca2+ from rat liver mitochondria. Frei B, et al. **Eur J Biochem** 1985 Jun 18; 149(3):633–9

Na+-dependent regulation of extramitochondrial Ca2+ by rat-liver mitochondria. Nedergaard J. **Eur J Biochem** 1984 Oct 1;144(1):159–68

Activation of potassium ion transport in mitochondria by cadmium ion. Rasheed BK, et al. **Eur J Biochem** 1984 Nov 2;144(3):643–7

Comments on 'Alterations of oxidative-phosphorylation reactions in mitochondria isolated from hypothyroid-rat liver', by I. Ezawa et al. [letter] Shears SB. **Eur J Biochem** 1985 Jan 2;146(1):233–5

Decrease of fatty acid oxidation, ketogenesis and gluconeogenesis in isolated perfused rat liver by phenylalkyl oxirane carboxylate (B 807-27) due to inhibition of CPT I (EC 2.3.1.21). Wolf HP, et al. **Eur J Biochem** 1985 Jan 15;146(2):359–63

Normetanephrine and metanephrine oxidized by both types of monoamine oxidase. Suzuki O, et al. **Experientia** 1985 May 15;41(5):634–6

Adenosine 5'-triphosphate stimulates the release of polypeptides from mitochondria. Felipo V, et al. **FEBS Lett** 1985 Apr 8;183(1):60–4

Mitochondrial compartmentation of metabolic CO2 resulting from its site of origin in relation to urea synthesis. Hems R. **FEBS Lett** 1984 Nov 5;177(1):138–42

The influence of thyroid hormone on the degree of control of oxidative phosphorylation exerted by the adenine nucleotide translocator. Holness M, et al. **FEBS Lett** 1984 Nov 19;177(2):231–5

The H+/O ratio of proton translocation linked to the oxidation of succinate by mitochondria. Krab K, et al. **FEBS Lett** 1984 Dec 10;178(2):187–92

Ion transport in rat liver mitochondria: the effect of the incubation medium osmolarity. Novgorodov SA, et al. **FEBS Lett** 1985 Apr 8;183(1):47–51

The oxidation of exogenous cytochrome c by mitochondria. Resolution of a long-standing controversy. Wikström M, et al. **FEBS Lett** 1985 Apr 22;183(2):293–8

Hepatic mitochondrial oxidative metabolism in rats with chronic dietary iron overload. Bacon BR, et al. **Hepatology** 1985 Sep–Oct;5(5):789–97

On the state of calcium ions in isolated rat liver mitochondria. III. Diversity of ruthenium red action on different calcium pools. Blaich G, et al. **Hoppe Seylers Z Physiol Chem** 1984 Jul;365(7):763–71

On the effect of glucagon on mitochondrial calcium retention in isolated hepatocytes. Hughes BP, et al. **Horm Metab Res** 1984 Oct;16(10):516–20

Calcitonin increases alanine aminotransferase activity related to calcium in the hepatic mitochondria of rats. Yamaguchi M, et al. **Horm Metab Res** 1984 Sep;16(9):478–82

A possible rate limiting factor in urea synthesis by isolated hepatocytes: the transport of ornithine into hepatocytes and mitochondria. Metoki K, et al. **Int J Biochem** 1984; 16(11):1155–7

Calcium efflux parallel to total phosphate retention in rat liver mitochondria. Rigoni F, et al. **Int J Biochem** 1984; 16(11):1121–5

Localization and identification of covalently bound flavoproteins in rat liver mitochondria by prelabeling of their flavin moiety. Sato M, et al. **J Biochem (Tokyo)** 1984 Aug;96(2):553–62

Interaction of fluorescent berberine alkyl derivatives with respiratory chain of rat liver mitochondria. Mikeš V, et al. **J Bioenerg Biomembr** 1985 Feb;17(1):23–32

Effects of phospholipase A2 inhibitors on ruthenium red-induced Ca2+ release from mitochondria. Broekemeier KM, et al. **J Biol Chem** 1985 Jan 10; 260(1):105–13

Inhibition by dicyclohexylcarbodiimide of proton ejection but not electron transfer in rat liver mitochondria. Clejan L, et al. **J Biol Chem** 1984 Nov 10;259(21):13017–20

Mechanism of alloxan-induced calcium release from rat liver mitochondria. Frei B, et al. **J Biol Chem** 1985 Jun 25; 260(12):7394–401

The distribution of inorganic phosphate and malate between intra- and extramitochondrial spaces. Relationship with the transmembrane pH difference. Greenbaum NL, et al. **J Biol Chem** 1985 Jan 25;260(2):873–9

Isolation and reconstitution of the n-butylmalonate-sensitive dicarboxylate transporter from rat liver mitochondria. Kaplan RS, et al. **J Biol Chem** 1985 Aug 25;260(18):10293–8

Mitochondrial and extramitochondrial Ca2+ pools in the perfused rat liver. Mitochondria are not the origin of calcium mobilized by vasopressin. Kleineke J, et al. **J Biol Chem** 1985 Jan 25;260(2):1040–5

The ATP-to-oxygen stoichiometries of oxidative phosphorylation by rat liver mitochondria. An analysis of ADP-induced oxygen jumps by linear nonequilibrium thermodynamics. Lemasters JJ. **J Biol Chem** 1984 Nov 10; 259(21):13123–30

Regulation of oxidative phosphorylation in mitochondria by external free Ca2+ concentrations. Moreno-Sánchez R. **J Biol Chem** 1985 Apr 10;260(7):4028–34

Spermine. A regulator of mitochondrial calcium cycling. Nicchitta CV, et al. **J Biol Chem** 1984 Nov 10; 259(21):12978–83

Hepatic mitochondrial cytochrome P-450 system. Distinctive features of cytochrome P-450 involved in the activation of aflatoxin B1 and benzo(a)pyrene. Niranjan BG, et al. **J Biol Chem** 1984 Oct 25;259(20):12495–501

Purification and characterization of cytosolic liver protein facilitating heme transport into apocytochrome b5 from mitochondria. Evidence for identifying the heme transfer protein as belonging to a group of glutathione S-transferases. Senjo M, et al. **J Biol Chem** 1985 Aug 5; 260(16):9191–6

Calcium flux and endogenous calcium content in isolated mammalian growth-plate chondrocytes, hyaline-cartilage chondrocytes, and hepatocytes. Iannotti JP, et al. **J Bone Joint Surg [Am]** 1985 Jan;67(1):113–20

The rat liver mitochondrial DNA-protein complex: displaced single strands of replicative intermediates are protein coated. Van Tuyle GC, et al. **J Cell Biol** 1985 Jan; 100(1):251–7

Bile acid synthesis during development. Mitochondrial 12 alpha-hydroxylation in human fetal liver. Gustafsson J. **J Clin Invest** 1985 Feb;75(2):604–7

Effects of short and medium chain length fatty acids on pyruvate oxidation by cultured human fibroblasts and rat liver mitochondria. Koga Y, et al. **J Inherited Metab Dis** 1984;7(3):141–2

The measurement of changes in pH associated with electrochemically driven respiration in rat liver mitochondria. Hill HA, et al. **J Inorg Biochem** 1985 Mar–Apr;23(3–4):303–9

Ba2+ uptake and the inhibition by Ba2+ of K+ flux into rat liver mitochondria. Diwan JJ. **J Membr Biol** 1985; 84(2):165–71

Effects of dietary carbohydrate on mitochondrial composition and function in two strains of rats. Wander RC, et al. **J Nutr** 1985 Feb;115(2):190–9

Changes in coenzyme Q level in mitochondria of cirrhotic rat liver. Morimoto T, et al. **Life Sci** 1985 Apr 22; 36(16):1577–80

A new inhibitor of the long-chain fatty acid transfer across the mitochondrial membrane: 2-(3-methylcinnamylhydrazono)-propionate (BM 42.304). Schmidt FH, et al. **Life Sci** 1985 Jan 7;36(1):63–7

Metabolic activity of liver mitochondria from magnesium-deficient rats. Heaton FW, et al. **Magnesium** 1984;3(1):21–8

Respiratory activity and oxidative phosphorylation in mitochondria of the rat brain and liver under conditions of elevated temperature of the environment. Skonieczna M, et al. **Med Pr** 1984;35(4):263–7

Purification from rabbit and rat liver of cytochromes P-450 involved in bile acid biosynthesis. Andersson S, et al. **Methods Enzymol** 1985;111:364–77

Calcium content of mitochondria and endoplasmic reticulum in liver frozen rapidly in vivo. Somlyo AP, et al. **Nature** 1985 Apr 18–24;314(6012):622–5

Oxidation of acetoacetate and palmitylcarnitine by brain and liver mitochondria from suckling and adult rats. Krasinskaya IP, et al. **Physiol Bohemoslov** 1985;34(2):121–5

Studies on the activities of tannins and related compounds; V. Inhibitory effects on lipid peroxidation in mitochondria and microsomes of liver. Kimura Y, et al. **Planta Med** 1984 Dec;50(6):473–7

Origin and turnover of mitochondrial glutathione. Griffith OW, et al. **Proc Natl Acad Sci USA** 1985 Jul;82(14):4668–72

Mitochondrial phosphate transport protein: purification from different tissues, immunological cross-reactivities, reconstitution, and turnover number in the rat liver mitochondrial membrane. Wohlrab H, et al. **Prog Clin Biol Res** 1984;168:211–6

The effect of clidanac, a potent anti-inflammatory drug, on mitochondrial respiration: a consideration on the uncoupling activity of optical enantiomers. Kawai K, et al. **Res Commun Chem Pathol Pharmacol** 1984 Sep; 45(3):399–406

RNA required for import of precursor proteins into mitochondria. Firgaira FA, et al. **Science** 1984 Dec 14; 2[illegible](4680):1319–22

[Effect of extracts of radix Paeoniae rubrae and its derivatives on platelet aggregation and oxidative phosphorylation of mitochondria] Wang JF. **Chung Hsi I Chieh Ho Tsa Chih** 1984 Dec;4(12):745–7 (Eng. Abstr.) **(Chi)**

[The mechanism of action of E.coli endotoxin on oxidative phosphorylation of the rat liver mitochondria] Ishiyama S, et al. **Nippon Geka Gakkai Zasshi** 1985 Jan;86(1):23–31 (Eng. Abstr.) **(Jpn)**

[Substrate inhibition in the tricarboxylic acid cycle] Dynnik VV, et al. **Biofizika** 1984 Nov–Dec;29(6):954–8 (Eng. Abstr.) **(Rus)**

[Free radicals and oxidative phosphorylation in chemical carcinogenesis] Miminoshvili AA, et al. **Biofizika** 1984 Jul–Aug;29(4):683–5 (Eng. Abstr.) **(Rus)**

[Iodine-containing hormones--dipole modifiers of phospholipid membranes] Tsybul'ska a MV, et al. **Biofizika** 1984 Sep–Oct;29(5):801–5 (Eng. Abstr.) **(Rus)**

[Metabolic state of liver mitochondria and lymphocytes after T-activin administration under condition of hypothermia] Agureev AP, et al. **Biokhimiia** 1985 Apr;50(4):639-44 (Eng. Abstr.) (Rus)

[The nature of thyroid hormone receptors. Thyroxine- and triiodothyronine-binding proteins of mitochondria] Azimova ShS, et al. **Biokhimiia** 1984 Sep;49(9):1478-85 (Eng. Abstr.) (Rus)

[Conjugated dinitrocompound dianions as inhibitors of the oxidative deamination of monoamines] Gureeva ZP, et al. **Biokhimiia** 1984 Nov;49(11):1840-6 (Eng. Abstr.) (Rus)

[Kinetics of the biosynthesis and distribution of labelled actin-like proteins in rat liver submitochondrial fractions] Stozharov AN. **Biokhimiia** 1985 Feb;50(2):337-46 (Eng. Abstr.) (Rus)

[Study of the ability of mitochondrial proteins to interact with actin] Stozharov AN. **Biokhimiia** 1985 May; 50(5):849-59 (Eng. Abstr.) (Rus)

[Isolation and characteristics of actin-like proteins in liver mitochondria] Stozharov AN. **Biokhimiia** 1984 Nov; 49(11):1774-84 (Eng. Abstr.) (Rus)

[The C27-steroid hydroxylating system from bovine liver mitochondria. Isolation of ferredoxin (hepatoredoxin) by affinity chromatography on cytochrome-c-sepharose] Shkumatov VM, et al. **Bioorg Khim** 1983 Sep;9(9):1231-6 (Eng. Abstr.) (Rus)

[Changes in the indices of lipid peroxidation in liver mitochondria of white rats during simulation of in vitro anoxic damage] Sorokovoĭ VI, et al. **Biull Eksp Biol Med** 1984 Nov;98(11):543-6 (Eng. Abstr.) (Rus)

[Changes in the efficiency of oxidative phosphorylation, respiratory rate and Ca2+ ion transport in the liver mitochondria of rats and susliks with various levels of thermogenesis] Brustovetskiĭ NN, et al. **Dokl Akad Nauk SSSR** 1984;276(5):1260-3 (Rus)

[Induction of beta- and gamma-states of comuton regulation of oxidative phosphorylation in rat liver mitochondria during the activation of peroxidation of the mitochondrial membrane lipids] Elbakidze GM, et al. **Dokl Akad Nauk SSSR** 1985;282(3):729-34 (Rus)

[Effect and aftereffect of adrenaline on the respiration of rat liver mitochondria] Babskiĭ AM, et al. **Fiziol Zh** 1985 May-Jun;31(3):301-6 (Eng. Abstr.) (Rus)

[Activation of lipid peroxides in the liver during hypokinesia and its prevention by antioxidants] Panasiuk EN, et al. **Kosm Biol Aviakosm Med** 1985 Jan-Feb;19(1):48-52 (Eng. Abstr.) (Rus)

[Energy metabolism in the rat liver after mechanical asphyxia] Konvaĭ VD, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):58-62 (Eng. Abstr.) (Rus)

[Lipid content of mitochondrial membranes of the rat liver in alloxan diabetes] Ishankhodzhaev TM, et al. **Probl Endokrinol (Mosk)** 1984 Nov-Dec;30(6):56-9 (Eng. Abstr.) (Rus)

[Effect of a tortoise spleen extract on the functional state of liver mitochondria in irradiated mice] Turdyev AA, et al. **Radiobiologiia** 1984 Nov-Dec;24(6):834-8 (Eng. Abstr.) (Rus)

[The effect of growth marker proteins on the ionic permeability of rabbit liver mitochondria] Chivanov VD, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):445-7 (Eng. Abstr.) (Rus)

[Potential activity of the external pathway of NADH oxidation in mitochondria] Fedotcheva NI, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):38-43 (Eng. Abstr.) (Rus)

[Changes in K+ transport in the liver mitochondria of gophers in hibernation] Fedotcheva NI, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):427-31 (Eng. Abstr.) (Rus)

[Effect of bivalent metal ions on the fluctuations of ion currents in rat liver mitochondria] Kholmukhamedov EL, et al. **Ukr Biokhim Zh** 1985 Jul-Aug;57(4):43-9 (Eng. Abstr.) (Rus)

[Ca2+ release from rat liver mitochondria subjected to deep freezing] Petrenko AIu, et al. **Ukr Biokhim Zh** 1984 Jul-Aug;56(4):447-51 (Eng. Abstr.) (Rus)

[Ion transport in rat liver mitochondria after freezing and thawing] Petrenko AIu, et al. **Ukr Biokhim Zh** 1984 Nov-Dec;56(6):651-6 (Eng. Abstr.) (Rus)

[The role of lipolysis and lipid peroxidation in the induction of ion transport in mitochondria after freezing and thawing] Petrenko AIu, et al. **Ukr Biokhim Zh** 1984 Nov-Dec; 56(6):656-60 (Eng. Abstr.) (Rus)

[Effect of pyruvate dehydrogenase coenzymes and mitochondrial proteins on the accumulation of [35S]lipoic acid] Rozanov AIa, et al. **Ukr Biokhim Zh** 1985 May-Jun; 57(3):71-4 (Eng. Abstr.) (Rus)

[A study on actin-like protein biosynthesis in rat liver mitochondria] Stozharov AN. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):5-9 (Eng. Abstr.) (Rus)

[Oxidative phosphorylation in the rat liver mitochondria under activation of lipid peroxidation] Sutkovoĭ DA, et al. **Ukr Biokhim Zh** 1985 Mar-Apr;57(2):79-81 (Eng. Abstr.) (Rus)

[Qualitative and quantitative features of the enzymatic production of superoxide radicals by the intracellular membranes of tumors] Peskin AV, et al. **Vestn Akad Med Nauk SSSR** 1984;(8):32-5 (Eng. Abstr.) (Rus)

[Functional state of rat liver mitochondria in experimental peritonitis] Ashirmetov AKh, et al. **Vopr Med Khim** 1984 Jul-Aug;30(4):97-100 (Eng. Abstr.) (Rus)

[Changes in mitochondrial lipid composition in hypoxia in the presence of a dinitrophenol uncoupler] Dekutovich GV, et al. **Vopr Med Khim** 1984 Sep-Oct;30(5):26-8 (Eng. Abstr.) (Rus)

[Inhibitors of gluconeogenesis (review)] Kendysh IN. **Vopr Med Khim** 1984 Jul-Aug;30(4):2-12 (83 ref.) (Rus)

[Synthesis of mitochondrial proteins coded in the nucleus and mitochondria of the intact and regenerating liver of rats of various ages] Litoshenko AIa. **Vopr Med Khim** 1985 Mar-Apr;31(2):105-10 (Eng. Abstr.) (Rus)

PATHOLOGY

Structural alterations of the inner mitochondrial membrane in ischemic liver cell injury. Okayasu T, et al. **Arch Biochem Biophys** 1985 Feb 1;236(2):638-45

Quantitative morphology of mitochondria in hepatocellular carcinoma and chronic liver disease. Wu PC, et al. **Arch Pathol Lab Med** 1984 Nov;108(11):914-6

Quantitative analysis of mitochondrial flocculent densities in rat hepatocytes during normothermic and hypothermic ischemia in vitro. Myagkaya GL, et al. **Virchows Arch [Cell Pathol]** 1985;49(1):61-72

PHYSIOLOGY

Different metabolites might reduce food intake by the mitochondrial generation of reducing equivalents. Langhans W, et al. **Appetite** 1985 Jun;6(2):143-52

Control of cellular redox potential as measured in a steady-state, cell-free system. Burat MK, et al. **Arch Biochem Biophys** 1984 Nov 15;235(1):150-8

Dielectric analysis of mitochondria isolated from rat liver. II. Intact mitochondria as simulated by a double-shell model. Asami K, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):570-8

Dielectric analysis of mitochondria isolated from rat liver. I. Swollen mitoplasts as simulated by a single-shell model. Asami K, et al. **Biochim Biophys Acta** 1984 Dec 19; 778(3):559-69

Homeostasis of the protonmotive force in phosphorylating mitochondria. Duszyński J, et al. **Biochim Biophys Acta** 1984 Dec 18;767(3):540-7

Respiration induces variable porosity to polyols in the mitochondrial inner membrane. Sambasivarao D, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):195-209

Independent lateral diffusion of cytochrome bc1 complex and cytochrome oxidase in the mitochondrial inner membrane. Höchli M, et al. **Eur J Cell Biol** 1985 Jul;38(1):1-5

Alteration in hepatic mitochondrial compartment of cold-acclimated rats. Association with enhanced triiodothyronine serum levels. A morphometric/stereologic study by electron microscopy. Goglia F, et al. **Exp Biol** 1985;44(1):41-56

The phosphate potential maintained by mitochondria in State 4 is proportional to the proton-motive force. Woelders H, et al. **FEBS Lett** 1985 Jan 7;179(2):278-82

Development of structural heterogeneity of mitochondria in mouse hepatocytes. Kanamura S, et al. **J Anat** 1984 Sep; 139 (Pt 2):295-305

Phosphate transport, membrane potential, and movements of calcium in rat liver mitochondria. Ligeti E, et al. **J Bioenerg Biomembr** 1984 Apr;16(2):101-13

Membrane potential and surface potential in mitochondria: uptake and binding of lipophilic cations. Rottenberg H. **J Membr Biol** 1984;81(2):127-38

Purified hydrophobic proteins, chargerins, are essential for energy transduction in oxidative phosphorylation. Higuti T, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1331-5

[Electrical stability of mitochondrial membranes: the role of thyroid hormones and the fat component of the diet] Marzoev AI, et al. **Biull Eksp Biol Med** 1985 Feb; 99(2):149-51 (Eng. Abstr.) (Rus)

[Modification of the electric characteristics of bilayer lipid membranes by intramitochondrial thyroid hormone receptors] Kozhomkulov E, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):60-3 (Eng. Abstr.) (Rus)

[ATPase activity and proton permeability of mitochondrial membranes in thymus hormone deficiency] Legostin SA, et al. **Probl Endokrinol (Mosk)** 1984 Sep-Oct;30(5):75-8 (Eng. Abstr.) (Rus)

RADIATION EFFECTS

Acute 60Co-gamma irradiation of rats decreases the inhibitory effect of succinate on the lipid peroxidation of liver mitochondria. Rónai E, et al. **Experientia** 1984 Dec 15;40(12):1375-6

Increase of proton electrochemical potential and ATP synthesis in rat liver mitochondria irradiated in vitro by helium-neon laser. Passarella S, et al. **FEBS Lett** 1984 Sep 17;175(1):95-9

Radiation-induced damage to mitochondrial D-beta-hydroxybutyrate dehydrogenase and lipid peroxidation. Yukawa O, et al. **Int J Radiat Biol** 1985 Jul; 48(1):107-15

Anoxic photodamage in the presence of porphyrins: evidence for the lack of effects on mitochondrial membranes. Salet C, et al. **Photochem Photobiol** 1984 Jul;40(1):145-7

[Inhibition of phospholipase activity in liver mitochondria of gamma-irradiated rats] Gogvadze VG, et al. **Radiobiologiia** 1985 Jul-Aug;25(4):551-3 (Eng. Abstr.) (Rus)

ULTRASTRUCTURE

Development of morphologic heterogeneity of hepatocyte mitochondria in the mouse. Kanamura S, et al. **Anat Rec** 1984 Oct;210(2):315-25

Preservation of integrity of the inner mitochondrial membrane after freeze-thawing and freeze-drying. Tsvetkov T, et al. **Cryobiology** 1985 Jun;22(3):301-6

Metabolic and mitochondrial morphological changes that mimic Reye syndrome after endotoxin administration to rats. Yoder MC, et al. **Infect Immun** 1985 Jan;47(1):329-31

Crucial role of sulfhydryl groups in the mitochondrial inner membrane structure. Lê-Quôc K, et al. **J Biol Chem** 1985 Jun 25;260(12):7422-8

Association between mitochondria and rough endoplasmic reticulum (rer) in rat hepatocytes. Singh KP, et al. **Pathol Res Pract** 1985 Jul;180(1):49-53

The isolation and some properties of dairy cow liver mitochondria. Smigáň P, et al. **Physiol Bohemoslov** 1984; 33(4):336-41

MITOCHONDRIA, MUSCLE

Investigation of human mitochondrial myopathies by phosphorus magnetic resonance spectroscopy. Arnold DL, et al. **Ann Neurol** 1985 Aug;18(2):189-96

Mitochondrial myopathy, encephalopathy, lactic acidosis, and strokelike episodes: a distinctive clinical syndrome. Pavlakis SG, et al. **Ann Neurol** 1984 Oct;16(4):481-8

Maternally inherited mitochondrial myopathy and myoclonic epilepsy. Rosing HS, et al. **Ann Neurol** 1985 Mar; 17(3):228-37

ANALYSIS

Analyses of muscle proteins in a patient with a mitochondrial myopathy. Darley-Usmar VM, et al. **J Biochem (Tokyo)** 1985 Jun;97(6):1767-75

ENZYMOLOGY

Decreased mitochondrial creatine kinase activity in dystrophic chicken breast muscle alters creatine-linked respiratory coupling. Bennett VD, et al. **Arch Biochem Biophys** 1985 Jul;240(1):380-91

Shock-induced damage to mitochondrial function and some cellular antioxidant mechanisms in humans. Corbucci GG, et al. **Circ Shock** 1985;15(1):15-26

Branched chain alpha-keto acid dehydrogenase in tissues from rainbow trout (Salmo gairdnerii). Ottesen I, et al. **Comp Biochem Physiol [B]** 1984;79(3):489-91

Increased mitochondrial creatine kinase in chronically stimulated fast-twitch rabbit muscle. Schmitt T, et al. **FEBS Lett** 1985 Sep 2;188(2):341-4

Lactate dehydrogenase associated with the mitochondrial fraction and with a mitochondrial inhibitor--II. Enzyme interaction with a mitochondrial inhibitor. Lluis C. **Int J Biochem** 1984;16(9):1005-13

Lactate dehydrogenase associated with the mitochondrial fraction and with a mitochondrial inhibitor--I. Enzyme binding to the mitochondrial fraction. Lluis C. **Int J Biochem** 1984;16(9):997-1004

Purification and characterization of the 2-methyl branched-chain Acyl-CoA dehydrogenase, an enzyme involved in NADH-dependent enoyl-CoA reduction in anaerobic mitochondria of the nematode, Ascaris suum. Komuniecki R, et al. **J Biol Chem** 1985 Apr 25; 260(8):4770-7

Iron deficiency anemia: mitochondrial alpha-glycerophosphate dehydrogenase in guinea pig skeletal muscle. Macdonald VW, et al. **J Lab Clin Med** 1985 Jan;105(1):11-8

Focal deficiency of cytochrome c oxidase and of mitochondrial ATPase with histochemical evidence of loosely coupled oxidative phosphorylation in a mitochondrial myopathy of a patient with bilateral ptosis. An enzyme histochemical, immunocytochemical and fine structural study. Müller-Höcker J, et al. **J Neurol Sci** 1985 May-Jun;69(1-2):27-36

Leber's hereditary optic neuroretinopathy, a mitochondrial disease? [letter] Nikoskelainen E, et al. **Lancet** 1984 Dec 22;2(8417-18):1474

Electron transfer complexes of Ascaris suum muscle mitochondria: I. Characterization of NADH-cytochrome c reductase (complex I-III), with special reference to cytochrome localization. Takamiya S, et al. **Mol Biochem Parasitol** 1984 Oct;13(2):121-34

Lactic acidosis and mitochondrial myopathy associated with deficiency of several components of complex III of the respiratory chain. Kennaway NG, et al. **Pediatr Res** 1984 Oct;18(10):991-9

Biochemical and ultrastructural changes of skeletal muscle mitochondria after chronic electrical stimulation in rabbits. Reichmann H, et al. **Pflugers Arch** 1985 May;404(1):1-9

Developmental expression of nuclear genes that encode mitochondrial proteins: insect cytochromes c. Swanson MS, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(7):1964-8

Mitochondrial myopathy with diffuse activation and focal deficiency of mitochondrial ATPase and carnitine deficiency. Müller-Höcker J, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):185-96

[Mitochondrial monoamine oxidase in progressive Duchenne muscular dystrophy] Badalian LO, et al. **Vopr Med Khim** 1985 Jan–Feb;31(1):68–71 (Eng. Abstr.) **(Rus)**

IMMUNOLOGY

Fatal infantile mitochondrial myopathy and renal dysfunction caused by cytochrome c oxidase deficiency: immunological studies in a new patient. Zeviani M, et al. **Ann Neurol** 1985 Apr;17(4):414–7

METABOLISM

Regulation of pyruvate oxidation in blowfly flight muscle mitochondria: requirement for ADP. Bulos BA, et al. **Arch Biochem Biophys** 1984 Nov 1;234(2):382–93

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the mitochondrial uncoupling agent 2,4–dinitrophenol. Byrne E, et al. **Biochem J** 1985 Jul 1;229(1):101–8

Experimentally induced defects of mitochondrial metabolism in rat skeletal muscle. Biological effects of the NADH: coenzyme Q reductase inhibitor diphenyleneiodonium. Hayes DJ, et al. **Biochem J** 1985 Jul 1;229(1):109–17

Free radical production from normal and adriamycin–treated rat cardiac sarcosomes. Thornalley PJ, et al. **Biochem Pharmacol** 1985 Mar 1;34(5):669–74

Investigation of human mitochondrial myopathies by phosphorus magnetic resonance spectroscopy. Radda GK, et al. **Biochem Soc Trans** 1985 Aug;13(4):654

A new mitochondrial myopathy. Biochemical studies revealing a deficiency in the cytochrome b–c1 complex (complex III) of the respiratory chain. Hayes DJ, et al. **Brain** 1984 Dec;107 (Pt 4):1165–77

Investigation of mitochondrial metabolism in small human skeletal muscle biopsy specimens. Improvement of preparation procedure. Fischer JC, et al. **Clin Chim Acta** 1985 Jan 15;145(1):89–99

Studies on phosphagen synthesis by mitochondrial preparations. Hird FJ, et al. **Comp Biochem Physiol [B]** 1985;80(3):517–20

Oxidation of NADH via an 'external' pathway in skeletal–muscle mitochondria and its possible role in the repayment of lactacid oxygen debt. Szczesna–Kaczmarek A, et al. **Int J Biochem** 1984;16(12):1231–5

Calcium uptake in mitochondria from different skeletal muscle types. Sembrowich WL, et al. **J Appl Physiol** 1985 Jul;59(1):137–41

Metabolic and circulatory limitations to VO2 max at the whole animal level. di Prampero PE. **J Exp Biol** 1985 Mar; 115:319–31

Malleability of skeletal muscle in overcoming limitations: structural elements. Hoppeler H, et al. **J Exp Biol** 1985 Mar;115:355–64

Mitochondrial myopathies: disorders of the respiratory chain and oxidative phosphorylation. Clark JB, et al. **J Inherited Metab Dis** 1984;7 Suppl 1:62–8

Glutaric aciduria type II: multiple defects in isolated muscle mitochondria and deficient beta–oxidation in fibroblasts. Mooy PD, et al. **J Inherited Metab Dis** 1984;7 Suppl 2:101–2

Mitochondrial myopathy with partial cytochrome oxidase deficiency and impaired oxidation of NADH–linked substrates. Sherratt HS, et al. **J Inherited Metab Dis** 1984; 7 Suppl 2:107–8

Oxygen electrode studies with human skeletal muscle mitochondria in vitro. A re–appraisal. Byrne E, et al. **J Neurol Sci** 1985 Jul;69(3):319–33

Relationship between intracellular oxygenation and neuromuscular conduction during hypoxic hypoxia. Millis RM, et al. **Life Sci** 1984 Dec 10;35(24):2443–51

Muscle mitochondria from patients with Duchenne muscular dystrophy have a normal beta oxidation, but an impaired oxidative phosphorylation [letter] Scholte HR, et al. **Neurology** 1985 Sep;35(9):1396–7

Net calcium exchange in adult rat ventricular myocytes: an assessment of mitochondrial calcium accumulating capacity. Fry CH, et al. **Proc R Soc Lond [Biol]** 1984 Dec 22;223(1231):223–38

PATHOLOGY

[Lactic acid acidosis with mitochondrial myopathy due to a pyruvate dehydrogenase deficiency] Sperl W, et al. **Padiatr Padol** 1985;20(1):55–67 (Eng. Abstr.) **(Ger)**

[Mitochondrial encephalomyopathy with multiple brain infarcts] Suehara M, et al. **Rinsho Shinkeigaku** 1985 Jan; 25(1):65–72 (Eng. Abstr.) **(Jpn)**

PHYSIOLOGY

Mobility of fluorescent derivatives of cytochrome c in mitochondria. Vanderkooi JM, et al. **J Cell Biol** 1985 Feb; 100(2):435–41

ULTRASTRUCTURE

Sporadic distal myopathy with early adult onset. A case report with morphological alterations of mitochondria. Tezzon F, et al. **Acta Neurol (Napoli)** 1985 Apr;7(2):121–8

Mitochondrial distribution in hamster cremaster muscle. Klitzman B, et al. **Adv Exp Med Biol** 1984;180:695–700

Mitochondrial myopathies. DiMauro S, et al. **Ann Neurol** 1985 Jun;17(6):521–38 (112 ref.)

Intermitochondrial junctions in the extraocular muscle of the rat. Davidowitz J, et al. **Cell Tissue Res** 1984;238(2):417–9

Scanning electron–microscopic studies on the three–dimensional structure of mitochondria in the mammalian red, white and intermediate muscle fibers. Ogata T, et al. **Cell Tissue Res** 1985;241(2):251–6

Centronuclear myopathy with unusual mitochondrial abnormalities. Canal N, et al. **Clin Neuropathol** 1985 Jan–Feb;4(1):23–7

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 3–1985. A 33–year–old man with progressive right facial paresis and ophthalmoplegia without ptosis. **N Engl J Med** 1985 Jan 17;312(3):171–7

Mitochondrial encephalomyopathy: fluctuating symptoms and CT. Yamamoto T, et al. **Neurology** 1984 Nov; 34(11):1456–60

[Diagnostic significance of muscle biopsies in metabolic myopathies. I. Myopathology] Pongratz D, et al. **Klin Wochenschr** 1984 Jul 2;62(13):603–12 (Eng. Abstr.) **(Ger)**

[Initial findings on mitochondrial cytopathy in hypokalemic familial periodic paralysis. Ultrastructure study] Guarino M, et al. **Minerva Pediatr** 1984 Jul 31;36(13–14):673–9 (Eng. Abstr.) **(Ita)**

[Histoenzymatic and ultrastructural aspects of mitochondrial myopathy (mitochondriopathy)] Antoci B, et al. **Pathologica** 1984 Nov–Dec;76(1046):655–68 (Eng. Abstr.) **(Ita)**

[Ultrastructural study on the mitochondrial myopathy associated with lactic acidosis] Kobayashi Y, et al. **No To Hattatsu** 1984 Jul;16(4):253–61 (Eng. Abstr.) **(Jpn)**

[A case of nemaline myopathy with abnormal mitochondria] Tanaka T, et al. **No To Hattatsu** 1984 Nov;16(6):476–80 (Eng. Abstr.) **(Jpn)**

[Mitochondrial encephalomyopathy: a case with MELAS (mitochondrial myopathy, encephalopathy, lactic acidosis and stroke–like episodes)] Goda S, et al. **Rinsho Shinkeigaku** 1985 Feb;25(2):216–26 (Eng. Abstr.) **(Jpn)**

[Reversibility of the structural and functional changes in experimental acute ischemia in limb tissues] Kliachin ML, et al. **Patol Fiziol Eksp Ter** 1984 Nov–Dec;(6):34–7 (Eng. Abstr.) **(Rus)**

MITOCHONDRIAL CONTRACTION

DRUG EFFECTS

[Effect of naphthoquinones and tocopherols on the changes in mitochondrial volume] Lider VA, et al. **Ukr Biokhim Zh** 1985 Jan–Feb;57(1):82–5 (Eng. Abstr.) **(Rus)**

MITOCHONDRIAL SWELLING

Respiration induces variable porosity to polyols in the mitochondrial inner membrane. Sambasivarao D, et al. **Biochim Biophys Acta** 1985 Feb 22;806(2):195–209

DRUG EFFECTS

Action of bepridil, a new calcium channel blocker on oxidative phosphorylation, oligomycin–sensitive adenosine triphosphatase activity, swelling, Ca++ uptake and Na+–induced Ca++ release processes of rabbit heart mitochondria in vitro. Matlib MA. **J Pharmacol Exp Ther** 1985 May;233(2):376–81

Ultrastructural alterations of the grey matter structures of the brain due to experimental manganese intoxication. Dydyk L, et al. **Neuropatol Pol** 1984;22(2):265–80

MITOGEN RECEPTORS see **RECEPTORS, MITOGEN**

MITOGENIC FACTORS, LYMPHOCYTE

see related

HELPER CELLS

Characterization of human interleukin 2 derived from Escherichia coli. Liang SM, et al. **Biochem J** 1985 Jul 15; 229(2):429–39

Functional comparison of recombinant interleukin 2 (IL–2) with IL–2–containing preparations derived from cultured cells. Roifman CM, et al. **Cell Immunol** 1985 Oct 1; 95(1):146–56

Predicted secondary structure and hydrophobic cores of T–cell (TCGF or IL–2) and platelet–derived growth factors as well as of transforming protein p28sis of simian sarcoma virus are similar to those of interferons. Zav'yalov VP, et al. **Immunol Lett** 1985;10(2):71–9

Interleukin 2 therapy in infectious diseases: rationale and prospects. Siegel JP, et al. **Infection** 1984 Jul–Aug; 12(4):298–302

Verification by mass spectrometry of the primary structure of human interleukin–2. Fukuhara K, et al. **J Biol Chem** 1985 Sep 5;260(19):10487–94

Interleukin 2 receptor gene expression in normal human T lymphocytes. Leonard WJ, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6281–5

Amino acid sequence and post–translational modification of human interleukin 2. Robb RJ, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(20):6486–90

[Establishment of cytotoxic lymphocytes against autologous cholangiocarcinoma from the patient's blood lymphocytes cultured in T cell growth factor (TCGF)] Yoshizumi Y. **Nippon Geka Gakkai Zasshi** 1984 Jun;85(6):563–72 (Eng. Abstr.) **(Jpn)**

ADMINISTRATION & DOSAGE

The mitogenic effect of the lymphocytosis promoting factor from Bordetella pertussis on human T gamma and non–T gamma cells. Kashiwa H, et al. **Clin Exp Immunol** 1984 Nov;58(2):436–43

Induction of cytolytic cells by pure recombinant human interleukin 2. Devos R, et al. **Eur J Immunol** 1984 Nov; 14(11):1057–60

In vivo effects of interleukin 2 on lymphocyte subpopulations in a patient with a combined immunodeficiency. Dopfer R, et al. **Immunobiology** 1984 Dec;167(5):452–61

Systemic administration of recombinant human interleukin–2 in mice. Chang AE, et al. **J Biol Response Mod** 1984 Oct; 3(5):561–72

Summary: potential of interleukin–2 for the therapy of cancer. Herberman RB. **J Biol Response Mod** 1984 Oct; 3(5):527–32

Use of interleukin–2 in patients with acquired immunodeficiency syndrome. Lane HC, et al. **J Biol Response Mod** 1984 Oct;3(5):512–6

Systemic administration of interleukin–2 in humans. Lotze MT, et al. **J Biol Response Mod** 1984 Oct;3(5):475–82

Toxicity of recombinant human interleukin–2 in rats following intravenous infusion. Matory YL, et al. **J Biol Response Mod** 1985 Aug;4(4):377–90

Treatment of immunodeficiency with interleukin–2: initial exploration. Mertelsmann R, et al. **J Biol Response Mod** 1984 Oct;3(5):483–90

Immunotherapy of cancer by systemic administration of lymphoid cells plus interleukin–2. Rosenberg SA. **J Biol Response Mod** 1984 Oct;3(5):501–11

Regression of established pulmonary metastases and subcutaneous tumor mediated by the systemic administration of high–dose recombinant interleukin 2. Rosenberg SA, et al. **J Exp Med** 1985 May 1;161(5):1169–88

Interleukin 2 (IL 2) administered in vivo: influence of IL 2 route and timing on T cell growth. Cheever MA, et al. **J Immunol** 1985 Jun;134(6):3895–900

Systemic administration of recombinant interleukin 2 stimulates in vivo lymphoid cell proliferation in tissues. Ettinghausen SE, et al. **J Immunol** 1985 Aug;135(2):1488–97

Lymphokine–activated tumor inhibition in vivo. I. The local administration of interleukin 2 triggers nonreactive lymphocytes from tumor–bearing mice to inhibit tumor growth. Forni G, et al. **J Immunol** 1985 Feb;134(2):1305–11

In vivo administration of purified human interleukin 2. II. Half life, immunologic effects, and expansion of peripheral lymphoid cells in vivo with recombinant IL 2. Lotze MT, et al. **J Immunol** 1985 Oct;135(4):2865–75

In vivo administration of purified human interleukin 2. I. Half–life and immunologic effects of the Jurkat cell line–derived interleukin 2. Lotze MT, et al. **J Immunol** 1985 Jan;134(1):157–66

Augmentation of immunity to herpes simplex virus by in vivo administration of interleukin 2. Rouse BT, et al. **J Immunol** 1985 Feb;134(2):926–30

Hyporesponsiveness to augmentation of murine natural killer cell activity in different anatomical compartments by multiple injections of various immunomodulators including recombinant interferons and interleukin 2. Talmadge JE, et al. **J Immunol** 1985 Oct;135(4):2483–91

Reconstitution of in vivo cell–mediated lympholysis responses in aged mice with interleukin 2. Thoman ML, et al. **J Immunol** 1985 Feb;134(2):949–52

[In vitro determination of antibody production in peripheral antigen– and mitogen–activated lymphocytes] Tauris P. **Ugeskr Laeger** 1985 Feb 4;147(6):503–5 (Eng. Abstr.) **(Dan)**

[In vitro and in vivo studies with interleukin 2 (IL–2) and various immunostimulants in a patient with AIDS] Vaith P, et al. **Immun Infekt** 1985 Apr;13(2):51–63 (Eng. Abstr.) **(Ger)**

ANALYSIS

Immunohistochemical studies of interleukin–2 and gamma–interferon in rheumatoid arthritis. Husby G, et al. **Arthritis Rheum** 1985 Feb;28(2):174–81

Cytokines and the chronic inflammation of rheumatic disease. II. The presence of interleukin–2 in synovial fluids. Nouri AM, et al. **Clin Exp Immunol** 1984 Nov;58(2):402–9

Toward the molecular biology of IL–2. Paetkau V, et al. **Contemp Top Mol Immunol** 1985;10:35–61 (63 ref.)

Interleukin–2 receptors on activated malignant and normal B–cells. Waldmann TA, et al. **Curr Top Microbiol Immunol** 1984;113:96–101

Characterization of recombinant human interleukin–2 with micromethods. Lahm HW, et al. **J Chromatogr** 1985 Jun 19;326:357–61

A simple rapid method for detection of IL–2 in a physiological medium. De Vos C, et al. **J Immunol Methods** 1984 Nov 30;74(2):375–84

An ELISA–based assay for quantitation of human interleukin 2. Gehman LO, et al. **J Immunol Methods** 1984 Nov 16; 74(1):39–47

Reduction of excessive background counts in an IL-2 microassay by incubation of indicator cells at 37 degrees C [letter] Michalski JP, et al. **J Immunol Methods** 1985 Apr 8;78(1):159-60

Use of Millipore diffusion chambers to assay in vivo IL-2 activity. Nishimura T, et al. **J Immunol Methods** 1985 Apr 22;78(2):239-45

Contamination of commercial leukocyte-derived human interleukin 2 with interleukin 1. Ihrie EJ, et al. **Lymphokine Res** 1985 Winter;4(1):39-42

Unique structure of murine interleukin-2 as deduced from cloned cDNAs. Kashima N, et al. **Nature** 1985 Jan 31-Feb 6;313(6001):402-4

Ineffective cellular interaction and interleukin 2 deficiency causing T cell defects in human allogeneic marrow recipients early after grafting and in those with chronic graft-versus-host disease. Tsoi MS, et al. **Transplant Proc** 1984 Dec;16(6):1470-2

[Molecular characteristics, biological activity and clinical use of interleukins] Tsukamoto K. **Nippon Rinsho** 1985 May; 43(5):1073-95 (82 ref.) **(Jpn)**

ANTAGONISTS & INHIBITORS

Inhibition of interleukin-2-dependent cytotoxic T-lymphocyte growth by gangliosides. Merritt WD, et al. **Cell Immunol** 1984 Nov;89(1):1-10

Characterization and partial purification of a specific interleukin 2 inhibitor. Honda M, et al. **J Immunol** 1985 Sep;135(3):1834-9

A macrophage-derived factor that inhibits the production and action of interleukin 2. Krakauer T. **J Leukocyte Biol** 1985 Sep;38(3):429-39

The differential inhibitory effects exerted by cyclosporine and hydrocortisone on the activation of human cytotoxic lymphocytes by recombinant interleukin-2 versus allospecific CTL. Grimm EA, et al. **Transplantation** 1985 May;39(5):537-40

BIOSYNTHESIS

Influence of dose and route of inoculation and of mouse strain on the production of interleukin 2 in mice infected with Mycobacterium lepraemurium. Hoffenbach A, et al. **Acta Leprol (Geneve)** 1984 Oct-Dec;(95):413-20

Impaired IL2 production by lymphocytes of patients with systemic lupus erythematosus. de Faucal P, et al. **Ann Immunol (Paris)** 1984 Sep-Oct;135D(2):161-72

Interleukin-2 production in bullous pemphigoid. Ahmed AR, et al. **Arch Dermatol Res** 1984;276(5):330-2

Interleukin 2 (IL 2) and interferon-gamma production by T lymphocytes from patients with B-chronic lymphocytic leukemia: evidence that normally released IL 2 is absorbed by the neoplastic B cell population. Foa R, et al. **Blood** 1985 Sep;66(3):614-9

Growth, interleukin-2 production, and responsiveness to IL-2 in T4-positive T Lymphocyte populations from malignant cutaneous T cell lymphoma (Sézary's syndrome): the effect of cyclosporin A. Solbach W, et al. **Blood** 1984 Nov;64(5):1022-7

T-cell growth factor production by adult, but not childhood. Acute lymphoblastic leukaemic cells. Seshadri R, et al. **Blut** 1984 Dec;49(6):441-6

Studies on interleukin 2 receptor expression and IL-2 production by murine T cell lymphomas. Diamantstein T, et al. **Br J Cancer** 1985 Jan;51(1):23-30

Characterization of cell lines enhancing IL-2 production by human phytohemagglutinin-stimulated lymphocytes. Gramatzki M, et al. **Cell Immunol** 1985 Jan;90(1):142-53

Antigen-specific helper factor production by immortalized clone of OVA-specific T cells. I. In vitro activity. Guy R, et al. **Cell Immunol** 1984 Nov;89(1):186-93

Production and partial characterization of interleukin 2 induced by periodic acid oxidation of lymphocyte membranes. Hornicek FJ, et al. **Cell Immunol** 1984 Oct 15;88(2):260-72

Interleukin 2 production by human T lymphocytes identified by antibodies to dipeptidyl peptidase IV. Scholz W, et al. **Cell Immunol** 1985 Jun;93(1):199-211

Inhibition of interleukin 2 production by prostaglandin E2 is not absolute but depends on the strength of the stimulating signal. Wolf M, et al. **Cell Immunol** 1985 Jan; 90(1):190-5

Effect of prostaglandin E2 on the gamma-interferon induction of antigen-presenting ability in P388D1 cells and on IL-2 production by T-cell hybridomas. Zlotnik A, et al. **Cell Immunol** 1985 Jan;90(1):154-66

A murine cell line (2E10.4.13) produces five hemopoietic stimulators, and interleukin-2 and interleukin-3. Kajigaya S, et al. **Cell Struct Funct** 1985 Jun;10(2):121-31

Impaired production of interleukin-2 after surgery. Akiyoshi T, et al. **Clin Exp Immunol** 1985 Jan;59(1):45-9

Immunoregulatory circuits in the acquired immune deficiency syndrome and related complex. Production of and response to interleukins 1 and 2, NK function and its enhancement by interleukin-2 and kinetics of the autologous mixed lymphocyte reaction. Alcocer-Varela J, et al. **Clin Exp Immunol** 1985 Apr;60(1):31-8

Dissociated production of interleukin-2 and immune (gamma) interferon by phytohaemagglutinin stimulated lymphocytes in healthy infants. Miyawaki T, et al. **Clin Exp Immunol** 1985 Feb;59(2):505-11

Abnormal lymphocyte response to exogenous interleukin-2 in homosexuals with acquired immune deficiency syndrome (AIDS) and AIDS related complex (ARC). Murray JL, et al. **Clin Exp Immunol** 1985 Apr;60(1):25-30

Inhibition of interleukin-2 production by adherent cell factors from lepromatous leprosy patients. Nath I, et al. **Clin Exp Immunol** 1984 Dec;58(3):531-8

Human pregnancy serum inhibits interleukin-2 production. Nicholas NS, et al. **Clin Exp Immunol** 1984 Dec; 58(3):587-95

(T,G)-A-L specific immune response potential and HLA typing of Israeli patients with systemic lupus erythematosus. Shalev Y, et al. **Clin Exp Immunol** 1985 May;60(2):355-62

Comparison of the radiosensitivity of interleukin-2 production between species, between tissues, and between young and old individuals. Peterson WJ, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):73-84

T lymphocyte function during experimental Chagas' disease: production of and response to interleukin 2. Harel-Bellan A, et al. **Eur J Immunol** 1985 May;15(5):438-42

Frequent coexpression of cytolytic activity and lymphokine production among human T lymphocytes. Production of B cell growth factor and interleukin 2 by T8+ and T4+ cytolytic clones. Mingari MC, et al. **Eur J Immunol** 1984 Nov;14(11):1066-9

Frequency and surface phenotype of human T lymphocytes producing interleukin 2. Analysis by limiting dilution and cell cloning. Moretta A. **Eur J Immunol** 1985 Feb; 15(2):148-55

T cell triggering by lectins. I. Requirements for interleukin 2 production; lectin concentration determines the accessory cell dependency. Roosnek EE, et al. **Eur J Immunol** 1985 Jul;15(7):652-6

Effect of lead, polychlorinated biphenyls, and cyclophosphamide on rat natural killer cells, interleukin 2, and antibody synthesis. Exon JH, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):158-64

Production of interleukin 2 in human peripheral blood lymphocytes: optimal condition for its culture. Yamakido M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):43-51

Interleukin-2 production and lymphocyte proliferation in aged and young humans. Yamakido M, et al. **Hiroshima J Med Sci** 1985 Mar;34(1):95-9

Construction of rat-mouse T-cell hybridomas that constitutively produce rat IL-2. Uede T, et al. **Hybridoma** 1985 Summer;4(2):103-14

The production of interleukin 2 as a measure of reactivity in mixed lymphocyte culture. Ilonen J, et al. **Immunobiology** 1984 Dec;167(5):399-402

Mechanism of enhancing effect of irradiation on production of IL-2. Gerber M, et al. **Immunol Lett** 1985;9(5):279-83

Changes in the interleukin-1 and interleukin-2 generation in duodenal ulcer patients during cimetidine treatment. Markiewicz K, et al. **Immunol Lett** 1985;10(1):19-23

Transcription and translation dependent induction of interleukin 2 (IL-2) and IL-2 receptors. Wang Y, et al. **Immunol Lett** 1984;8(4):227-31

The control of the contact sensitivity skin reaction: T-suppressor afferent cell blocks the production of antigen-specific T-helper factor. Asherson GL, et al. **Immunology** 1985 Mar;54(3):521-6

Cellular immune response in rnu/rnu rats. I. Lectin responsiveness and IL-2 production kinetics of natural cytotoxicity and spleen-cell surface marker expression. Sfaksi A, et al. **Immunology** 1985 Aug;55(4):655-62

Interleukin-2 in vivo: production of and response to interleukin-2 in lymphoid organs undergoing a primary immune response to heterologous erythrocytes. Spitz M, et al. **Immunology** 1985 Mar;54(3):527-32

Inhibition of T lymphocyte activation by estramustine: dose-dependent interference with IL-2 production and later proliferation events. Kalland T. **Immunopharmacology** 1985 Apr;9(2):65-71

Mechanism of action of thymosin. II. Effects of aspirin and thymosin on enhancement of IL-2 production. Zatz MM, et al. **Immunopharmacology** 1985 Jun;9(3):189-98

Augmentation of interleukin-2 production and delayed hypersensitivity in mice infected with Mycobacterium bovis and fed a diet supplemented with vitamin A acetate. Colizzi V, et al. **Infect Immun** 1985 May;48(2):581-3

Dissociation between interleukin-1 and interleukin-2 production in proliferative response to microbial antigens: restorative effect of exogenous interleukin-2. Vismara D, et al. **Infect Immun** 1985 Aug;49(2):298-304

Induction of IL-2 production, IL-2 receptor expression and proliferation of T3- T-PLL cells by phorbol ester. Vyth-Dreese FA, et al. **Int J Cancer** 1984 Dec 15; 34(6):831-8

Effect of isoprinosine on interleukin 1 and 2 production and on suppressor cell activity in pokeweed mitogen stimulated cultures of B and T cells. Hersey P, et al. **Int J Immunopharmacol** 1984;6(4):321-8

Augmentation of interleukin 1 and interleukin 2 production by OK-432. Ichimura O, et al. **Int J Immunopharmacol** 1985;7(2):263-70

Inhibition of the antigen activated T cell response by methylprednisolone is caused by inhibition of interleukin-2 (IL-2) production. Randazzo B, et al. **Int J Immunopharmacol** 1984;6(5):419-23

Induction of interleukin-2 and colony-stimulating factors in lymphoid cell cultures activated by mitogenic mycoplasmas. Gershon H, et al. **Isr J Med Sci** 1984 Sep; 20(9):882-5

Altered interleukin-2 (IL-2) production and responsiveness after hyposensitization to house dust. Hsieh KH. **J Allergy Clin Immunol** 1985 Aug;76(2 Pt 1):188-94

Suppression by tumor growth of T cell growth factor production in mouse lymphoid cell cultures. Kedar E, et al. **J Biol Response Mod** 1984 Oct;3(5):547-60

Production of and response to interleukin-2 by cultured T cells: effects of lithium chloride and other putative modulators. Kishter S, et al. **J Biol Response Mod** 1985 Apr;4(2):185-94

THF, a thymic hormone, promotes interleukin-2 production in intact and thymus-deprived mice. Umiel T, et al. **J Biol Response Mod** 1984 Aug;3(4):423-34

Comparison of the effects of thymosin and other thymic factors on modulation of interleukin-2 production. Zatz MM, et al. **J Biol Response Mod** 1985 Aug;4(4):365-76

Clonal heterogeneity in colony stimulating factor production by murine T lymphocytes. Kelso A, et al. **J Cell Physiol** 1985 Apr;123(1):101-10

Interleukin-2 production by persons with the generalized lymphadenopathy syndrome or the acquired immune deficiency syndrome. Kirkpatrick CH, et al. **J Clin Immunol** 1985 Jan;5(1):31-7

Correction of interleukin-2 production in patients with systemic lupus erythematosus by removal of spontaneously activated suppressor cells. Linker-Israeli M, et al. **J Clin Invest** 1985 Feb;75(2):762-8

Sera from patients with the acquired immunodeficiency syndrome inhibit production of interleukin-2 by normal lymphocytes. Siegel JP, et al. **J Clin Invest** 1985 Jun; 75(6):1957-64

Partial restoration of impaired interleukin-2 production and Tac antigen (putative interleukin-2 receptor) expression in patients with acquired immune deficiency syndrome by isoprinosine treatment in vitro. Tsang KY, et al. **J Clin Invest** 1985 May;75(5):1538-44

Interleukin-2 production by cord blood lymphocytes stimulated with mitogen and in the mixed leukocyte culture. Hauser GJ, et al. **J Clin Lab Immunol** 1985 Jan; 16(1):37-40

Interleukin 2 production in whole blood culture: a rapid test of immunity to Francisella tularensis. Karttunen R, et al. **J Clin Microbiol** 1985 Aug;22(2):318-9

Cyclosporine therapy of rat heart allograft recipients and release of interleukins (IL 1, IL 2, IL 3): a role for IL 3 in graft tolerance? Abbud-Filho M, et al. **J Immunol** 1984 Nov;133(5):2582-6

Prostaglandin E2 acts at two distinct pathways of T lymphocyte activation: inhibition of interleukin 2 production and down-regulation of transferrin receptor expression. Chouaib S, et al. **J Immunol** 1985 Aug; 135(2):1172-9

Differential effect of anti-beta 2-microglobulin on IL 2 production and IL 2 receptor expression in the primary mixed lymphocyte culture reaction. Chouaib S, et al. **J Immunol** 1985 Feb;134(2):940-8

Enhancing effect of IFN-gamma on helper T cell activity and IL 2 production. Frasca D, et al. **J Immunol** 1985 Jun; 134(6):3907-11

The effects of autacoids on cloned murine lymphoid cells: modulation of IL 2 secretion and the activity of natural suppressor cells. Khan MM, et al. **J Immunol** 1985 Jun; 134(6):4100-6

Induction of interleukin 2 from a murine B cell tumor by a factor found in immune serum. Maino VC, et al. **J Immunol** 1985 Apr;134(4):2419-25

Production and response to interleukin 2 in vitro and in vivo after bone marrow transplantation in mice. Merluzzi VJ, et al. **J Immunol** 1985 Apr;134(4):2426-30

Increase in cytosolic free calcium concentration is an intracellular messenger for the production of interleukin 2 but not for expression of the interleukin 2 receptor. Mills GB, et al. **J Immunol** 1985 Mar;134(3):1640-3

T cells from autoimmune 'IL 2-defective' MRL-lpr/lpr mice continue to grow in vitro and produce IL 2 constitutively. Rosenberg YJ, et al. **J Immunol** 1984 Nov;133(5):2545-8

T cell synergy in the primary MLR: proliferative kinetics, effector cell generation, and IL 2 production. Salomon DR, et al. **J Immunol** 1984 Dec;133(6):3075-83

Enhanced response to Con A and production of TCGF by lymphocytes of obese strain (OS) chickens with spontaneous autoimmune thyroiditis. Schauenstein K, et al. **J Immunol** 1985 Feb;134(2):872-9

Functional properties of the 50 kd protein associated with the E-receptor on human T lymphocytes: suppression of IL 2 production by anti-p50 monoclonal antibodies. Tadmori W, et al. **J Immunol** 1985 Mar;134(3):1709-16

A rapid colorimetric assay for the determination of IL-2-producing helper T cell frequencies. Heeg K, et al. **J Immunol Methods** 1985 Mar 18;77(2):237-46

Avian lymphokines: an improved method for chicken IL-2 production and assay. A Con A-erythrocyte complex induces higher T cell proliferation and IL-2 production than does free mitogen. Krömer G, et al. **J Immunol Methods** 1984 Oct 26;73(2):273-81

Production of interleukin-2 by rat lymph node cells stimulated by Mycoplasma pulmonis membranes. Levin D, et al. **J Infect Dis** 1985 Mar;151(3):541-4

Interleukin abnormalities in recently active rheumatoid arthritis. Tan P, et al. **J Rheumatol** 1984 Oct;11(5):593-6

Effect of radiation on the production of interleukins and

T-lymphocyte activities. Manori I, et al. **JNCI** 1985 Jun; 74(6):1215-21

Immunodepression after surgery: impaired production of interleukin 2. Akiyoshi T, et al. **Jpn J Surg** 1984 Sep; 14(5):384-6

Repairing the T-cell defect in AIDS [letter] Zagury D, et al. **Lancet** 1985 Aug 24;2(8452):449

T cells from lymphoepithelial thymoma próduce a biochemical variant of IL-2. Cornaglia-Ferraris P, et al. **Lymphokine Res** 1985 Summer;4(3):251-63

Induction of receptors for interleukin 2 requires T cell Ag:Ia receptor crosslinking and interleukin 1. Kaye J, et al. **Lymphokine Res** 1984 Summer;3(4):175-82

Induction of interleukin 2 production in the gibbon ape T cell line MLA 144. Lin Y, et al. **Lymphokine Res** 1985 Winter;4(1):1-4

Limiting dilution analysis of IL-2 production: studies of age, genotype, and regulatory interactions. Miller RA, et al. **Lymphokine Res** 1982;1(3):79-86

IL-2 production and response in vitro by the leukocytes of patients with acquired immune deficiency syndrome. Reuben JM, et al. **Lymphokine Res** 1985 Spring;4(2):103-16

Production of interleukin 2 in serum-free medium. Valyakina TI, et al. **Mol Immunol** 1984 Sep;21(9):811-4

Phorbol myristate acetate-stimulated production of interleukin 2 by T-cell lymphoma and constitutive production by derived hybridomas. Bubeník J, et al. **Neoplasma** 1984;31(5):497-505

Increased interleukin II production during kidney allograft rejection. Vie H, et al. **Proc Eur Dial Transplant Assoc Eur Ren Assoc** 1985; 21:1006-9

Identification of interleukin-2 producer and responder T lymphocyte subpopulations by immunoperoxidase staining. Gillis S, et al. **Prog Clin Biol Res** 1985;182:375-86

Lipoxygenase specific inhibitors inhibit murine lymphocyte reactivity to Con A by reducing IL-2 production and its action. Kato K, et al. **Prostaglandins Leukotrienes Med** 1985 Apr;18(1):39-52

In vitro influence of thymopentin on proliferative responses and phytohemagglutinin-induced interleukin 2 production in normal human lymphocyte cultures. Duchateau J, et al. **Surv Immunol Res** 1985;4 Suppl 1:116-24

Interleukin-2 production in the neonatal mouse. Argyris BF, et al. **Transplantation** 1985 Sep;40(3):284-7

Cellular interactions in marrow-grafted patients. III. Normal interleukin 1 and defective interleukin 2 production in short-term patients and in those with chronic graft-versus-host disease. Brkic S, et al. **Transplantation** 1985 Jan;39(1):30-5

Mediation of the antiproliferative effect of cyclosporine on human lymphocytes by blockade of interleukin 2 biosynthesis. Kermani-Arab V, et al. **Transplantation** 1985 Apr;39(4):439-42

Interleukin-1 and interleukin-2 defects associated with murine graft-versus-host-induced immunodeficiency. Mendes ML, et al. **Transplantation** 1985 Apr;39(4):418-24

Interleukin 1- and 2-like activities in the dog. Cerruti-Sola S, et al. **Vet Immunol Immunopathol** 1984 Jul;6(3-4):261-71

Bovine interleukin 2 (IL-2) production and activity on bovine and murine cell lines. Miller-Edge M, et al. **Vet Immunol Immunopathol** 1984 Sep;7(2):119-30

Interleukin 2 (IL-2) production by mitogen stimulated bovine peripheral blood lymphocytes and its assay. Oldham G, et al. **Vet Immunol Immunopathol** 1984 Oct;7(3-4):201-12

[Abnormal regulation in the production of IL2 in Hodgkin's disease] Marchiol C, et al. **C R Acad Sci [III]** 1985; 301(6):283-8 (Eng. Abstr.) **(Fre)**

[In vitro synthesis of interleukin 2 (IL-2) by T lymphocytes extracted from a lymphoepithelial thymoma. Purification and biochemical characterization] Ponzoni M, et al. **Boll Ist Sieroter Milan** 1985;64(1):12-24 (Eng. Abstr.) **(Ita)**

[T cell sub-sets, changes in Ia-antigen positive cells and IL-2 abnormality in MRL mice, with special reference to lpr gene] Miyasaka N, et al. **Nippon Rinsho** 1985 Jan; 43(1):185-92 **(Jpn)**

[Decreased IL-2 production in Sjögren's syndrome] Miyasaka N, et al. **Ryumachi** 1984 Jun;24(3):166-72 (Eng. Abstr.) **(Jpn)**

[Muramyl dipeptide and its synthetic analog as possible inducers of interleukin-2 production] Malaitsev VV, et al. **Biull Eksp Biol Med** 1985 Aug;100(8):221-3 (Eng. Abstr.) **(Rus)**

[Production of gamma interferon and interleukin 2 in mononuclear spleen cells stimulated with concanavalin A] Novak L, et al. **Vopr Virusol** 1984 Sep-Oct;29(5):603-5 (Eng. Abstr.) **(Rus)**

GENETICS

Regions of complementarity between the messenger RNAs for epidermal growth factor, transferrin, interleukin-2 and their respective receptors. Bost KL, et al. **Biochem Biophys Res Commun** 1985 May 16;128(3):1373-80

Superinduction of human interleukin-2 messenger RNA by inhibitors of translation. Efrat S, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):842-8

Transcriptional modulation of human T-cell growth factor gene by phorbol ester and interleukin 1. Arya SK, et al. **Biochemistry** 1984 Dec 18;23(26):6685-90

Cytokine production by NZB, C58, and NZB X C58 recombinant inbred mice. Bocchieri MH, et al. **Cell Immunol** 1984 Oct 15;88(2):453-63

Molecular cloning of cDNA for the human interleukin-2 receptor. Greene WC, et al. **Hamatol Bluttransfus** 1985; 29:388-95

Activation of a human T cell line: a two-stimulus requirement in the pretranslational events involved in the coordinate expression of interleukin 2 and gamma-interferon genes. Wiskocil R, et al. **J Immunol** 1985 Mar;134(3):1599-603

Molecular cloning of human and murine interleukin-2 genes and their expression in various host cells. Fujita T. **J Invest Dermatol** 1985 Jul;85(1 Suppl):180s-182s

Organization and structure of the mouse interleukin-2 gene. Fuse A, et al. **Nucleic Acids Res** 1984 Dec 21; 12(24):9323-31

Use of a cDNA expression vector for isolation of mouse interleukin 2 cDNA clones: expression of T-cell growth-factor activity after transfection of monkey cells. Yokota T, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(1):68-72

Induction of interleukin 2 messenger RNA inhibited by cyclosporin A. Elliott JF, et al. **Science** 1984 Dec 21; 226(4681):1439-41

Variations in aryl hydrocarbon hydroxylase activities in mitogen-activated human and nonhuman primate lymphocytes. Kouri RE, et al. **Toxicol Pathol** 1984; 12(1):44-8

IMMUNOLOGY

Human NK resistant tumor cell lysis is effected by IL-2 activated killer cells. Grimm EA, et al. **Adv Exp Med Biol** 1985;184:161-75

Antigen/mitogen induced cytolytic activity and IL-2 secretion in memory-like CTL-hybridomas. Kaufmann Y, et al. **Adv Exp Med Biol** 1985;184:535-50

Soluble factors inhibitory for T-cell-dependent immune responses in patients with the acquired immune deficiency syndrome and its prodromes. Laurence J, et al. **Ann NY Acad Sci** 1984;437:518-25

Modulation of virus-specific immunity in vitro by the addition of interleukin-1 and interleukin-2 in patients with the acquired immune deficiency syndrome. Sheridan JF, et al. **Ann NY Acad Sci** 1984;437:530-4

Beneficial effects of interleukin-2 on natural killer activity in lung cancer patients. Ito M, et al. **Anticancer Res** 1984 Nov-Dec;4(6):375-8

Enhancement of allergen-specific suppressor cell activity by T-cell growth factor in house-dust sensitive asthmatic children. Hsieh KH. **Asian Pac J Allergy Immunol** 1985 Jun;3(1):37-42

Mechanisms of virus-induced immune suppression. Wainberg MA, et al. **Can Med Assoc J** 1985 Jun 1;132(11):1261-7 (61 ref.)

Antitumor and therapeutic effects of spleen cells from tumor-bearing mice cultured with T cell growth factor and soluble tumor extract. Kan N, et al. **Cancer Immunol Immunother** 1984;18(3):215-22

Lysis of spontaneous murine breast tumors by human interleukin 2-stimulated syngeneic T-lymphocytes. Merluzzi VJ, et al. **Cancer Res** 1985 Jan;45(1):203-6

T-cell surface antigens defined by monoclonal antibodies, involved in the induction of human interferon-gamma and interleukin 2. Bhayani H, et al. **Cell Immunol** 1985 Sep; 94(2):536-46

A qualitative difference in the interleukin 2 (IL-2) requirement of helper and cytotoxic T lymphocytes. Efrat S, et al. **Cell Immunol** 1984 Oct 1;88(1):207-12

Initial characterization of sheep T-cell growth factor and its species-restricted activity on human, rat, and mouse cells. English LS, et al. **Cell Immunol** 1985 Feb;90(2):314-21

Characterization of normal peripheral blood T- and B-cell colony-forming cells: growth factors(s) and accessory cell requirements for their in vitro proliferation. Georgoulias V, et al. **Cell Immunol** 1985 Jan;90(1):1-13

Staining and fluorescence-activated cell sorter analysis of human lymphocytes using antibodies to a short, chemically synthesized human IL-2 peptide. Isakov N, et al. **Cell Immunol** 1985 Sep;94(2):491-9

Recombinant interleukin 2 rapidly augments human natural killer cell activity. Kabelitz D, et al. **Cell Immunol** 1985 Jun;93(1):38-45

Lymphokine-activated cell-associated antigen involved in broad-reactive killer cell-mediated cytotoxicity. Nishimura T, et al. **Cell Immunol** 1985 Aug;94(1):122-32

Murine and human interleukin 2 can substitute for the thymus in immune responses to TNP-Ficoll in Xenopus laevis, the South African clawed toad. Ruben LN, et al. **Cell Immunol** 1985 Jun;93(1):229-33

Development and characterization of interleukin-2-independent antigen-specific human T cell clones that produce multiple lymphokines. Volkman DJ, et al. **Cell Immunol** 1984 Oct 15;88(2):323-35

T lymphocytes in infectious mononucleosis. II. Response in vitro to interleukin-2 and establishment of T cell lines. Bishop CJ, et al. **Clin Exp Immunol** 1985 Apr;60(1):70-7

The immunosuppressive effects of measles virus on T cell function--failure to affect IL-2 release or cytotoxic T cell activity in vitro. Borysiewicz LK, et al. **Clin Exp Immunol** 1985 Jan;59(1):29-36

Interleukin-2 in rheumatoid arthritis: production of and response to interleukin-2 in rheumatoid synovial fluid, synovial tissue and peripheral blood. Combe B, et al. **Clin Exp Immunol** 1985 Mar;59(3):520-8

Autologous mixed lymphocyte reaction in man. XIV. Deficiency of the autologous mixed lymphocyte reaction in acquired immune deficiency syndrome (AIDS) and AIDS related complex (ARC). In vitro effect of purified interleukin-1 and interleukin-2. Gupta S, et al. **Clin Exp Immunol** 1984 Nov;58(2):395-401

LPF-induced T cell colony formation: effect of PMA and interleukin-2, and surface marker analysis. Kashiwa H, et al. **Clin Exp Immunol** 1985 Jun;60(3):509-17

The role of interleukin-2 in T colony formation by human pre-T cells (pTCFC). Rey A, et al. **Clin Exp Immunol** 1984 Oct;58(1):154-60

Immunohistochemical localization of cells reacting with monoclonal antibodies directed against the interleukin-2 receptor of murine, rat and human origin. Takacs L, et al. **Clin Exp Immunol** 1985 Jan;59(1):37-44

Generation of interleukin-2-dependent T cell lines from synovial fluids in rheumatoid arthritis. Wilkins JA, et al. **Clin Exp Immunol** 1984 Oct;58(1):1-6

T-cell abnormalities in inflammatory bowel disease are mediated by interleukin 2. Ebert EC, et al. **Clin Immunol Immunopathol** 1984 Nov;33(2):232-44

Generation of natural killer cells and lymphokine-activated killer cells in human AB serum or fetal bovine serum. Imir T, et al. **Clin Immunol Immunopathol** 1985 Sep;36(3):289-96

T cell factors regulating B cell activation and differentiation. Mayer LF, et al. **Curr Top Microbiol Immunol** 1984; 113:77-85

Immuno affinity purified interleukin 2 (IL2) induces B cell growth. Mond JJ, et al. **Curr Top Microbiol Immunol** 1984; 113:102-3

Cytolytic T cell hybridomas. I. Interleukin 2-independent noncytolytic variants. Haas W, et al. **Eur J Immunol** 1985 Aug;15(8):751-5

Expression of interleukin 2 receptor on murine fetal thymocytes. Habu S, et al. **Eur J Immunol** 1985 May; 15(5):456-60

Interleukin 2 and interferon-gamma are not sufficient to induce natural killer-like activity in human T cell clones. López-Botet M, et al. **Eur J Immunol** 1984 Dec; 14(12):1137-41

Induction of immunoglobulin synthesis by interleukin 2 is T4+/T8- cell dependent. A role for interleukin 2 in the pokeweed mitogen-driven system. Miedema F, et al. **Eur J Immunol** 1985 Feb;15(2):107-12

B cell growth factor activity of immunoaffinity-purified and recombinant human interleukin 2. Mingari MC, et al. **Eur J Immunol** 1985 Feb;15(2):193-6

Interleukin 2 induces T cell-dependent IgM production in human B cells. Sauerwein RW, et al. **Eur J Immunol** 1985 Jun;15(6):611-6

Induction of proliferative and cytotoxic responses in resting Lyt-2+ T cells with lectin and recombinant interleukin 2. Vohr HW, et al. **Eur J Immunol** 1985 Apr;15(4):332-7

Recombinant interleukin 2 differentiates alloantigen-primed Lyt-2+ T cells into the activated cytotoxic state. Yoshimoto R, et al. **Eur J Immunol** 1985 Apr;15(4):325-31

A monoclonal antibody 7G7/B6, binds to an epitope on the human interleukin-2 (IL-2) receptor that is distinct from that recognized by IL-2 or anti-Tac. Rubin LA, et al. **Hybridoma** 1985 Summer;4(2):91-102

The growth of concanavalin-A activated, Lyt selected subsets in IL-2 containing supernatants. Kuppers RC, et al. **Immunobiology** 1984 Oct;167(4):365-75

Recombinant human interleukin 2 directly provides signals for the proliferation and functional maturation of murine B lymphocytes. Moll H, et al. **Immunobiology** 1985 May; 169(4):447-54

In vivo activation of murine natural killer cell functions by human recombinant DNA interleukin 2. Sayers T, et al. **Immunobiology** 1985 Apr;169(3):303-18

Human B cell proliferation is stimulated by interleukin 2. Gearing A, et al. **Immunol Lett** 1985;9(2-3):105-8

Cellular and growth factor requirements for the direct and indirect oxidative induction of interleukin 2 responsiveness in human thymocytes. Roffman E, et al. **Immunol Lett** 1985; 9(2-3):131-7

Reversal by interleukin-2 of the T cell unresponsiveness of lepromatous leprosy to Mycobacterium leprae. Haregewoin A, et al. **Immunol Rev** 1984 Aug;80:77-86

Some early events in the primary mitogenic stimulation of lymphocytes differ from later interleukin stimulation and other quiescence to growth activation systems. Johnstone AP, et al. **Immunology** 1985 Aug;55(4):685-92

Inhibition by human T-lymphotropic virus (HTLV-I) of T-lymphocyte mitogenesis: failure of exogenous T-cell growth factor to restore responsiveness to lectin. Wainberg MA, et al. **Immunology** 1985 Jan;54(1):1-7

Production of Listeria-specific rat T-cell clones and role of interleukin-2 receptors in regulation of Listeria-dependent T-cell clone growth in vitro. Stolpmann RM, et al. **Infect Immun** 1985 Mar;47(3):822-6

The generation of culture activated killer cells (AK) is interleukin-2-dependent and requires self-Ia recognition. Lattime EC, et al. **Int J Cancer** 1985 Apr 15;35(4):535-42

Intralesional injection of interleukin-2-expanded autologous lymphocytes in melanoma and breast cancer patients: a pilot study. Adler A, et al. **J Biol Response Mod** 1984 Oct; 3(5):491-500

Abnormal indomethacin-sensitive suppression in peripheral blood mononuclear cells of cancer patients restricts augmentation by interleukin-2. Braun DP, et al. **J Biol Response Mod** 1984 Oct;3(5):533-40

Interleukin-2 administered in vivo induces the growth and augments the function of cultured T cells in vivo. Cheever MA, et al. **J Biol Response Mod** 1984 Oct;3(5):462-7

Comparison of the biological activities of human recombinant interleukin-2(125) and native interleukin-2. Doyle MV, et al. **J Biol Response Mod** 1985 Feb;4(1):96-109

Effector mechanisms operative in adoptive therapy of tumor-bearing animals: implications for the use of interleukin-2. Greenberg PD, et al. **J Biol Response Mod** 1984 Oct;3(5):455-61

Immunotherapy of murine and human tumors in mice with lymphokines and interleukin-2-propagated lymphocytes. Kedar E, et al. **J Biol Response Mod** 1984 Oct;3(5):517-26

Expansion of murine cytotoxic precursors in vitro and in vivo by purified interleukin-2. Merluzzi VJ, et al. **J Biol Response Mod** 1984 Oct;3(5):468-74

Differential effects of interferon-alpha 2 and interleukin-2 on natural killer cell activity in patients with acquired immune deficiency syndrome. Reddy MM, et al. **J Biol Response Mod** 1984 Aug;3(4):379-86

T cell growth factor required for optimal induction of T cell growth factor receptor expression in phytohemagglutinin-stimulated T cells. Reeves WG, et al. **J Biol Response Mod** 1985 Feb;4(1):83-95

Immunoregulation and immunostimulation of murine lymphocytes by recombinant human interleukin-2. Talmadge JE. **J Biol Response Mod** 1985 Feb;4(1):18-34

The effects of indomethacin and interleukin-2 on the proliferation of lymphocytes from patients with lung cancer. Maca RD, et al. **J Clin Immunol** 1985 May; 5(3):158-65

Abnormal expression pattern of Tac and T9 antigens on in vitro activation of leukemic T cells. Tsuda H, et al. **J Clin Immunol** 1985 Mar;5(2):109-14

Influence of lectin-free interleukin-2 on natural and antibody-dependent cellular cytotoxicity. Kimber I, et al. **J Clin Lab Immunol** 1984 Oct;15(2):77-84

Natural killer cell function and modulation by alpha IFN and IL2 in AIDS patients and prodromal subjects. Lew F, et al. **J Clin Lab Immunol** 1984 Jul;14(3):115-21

Stable expression of cDNA encoding the human interleukin 2 receptor in eukaryotic cells. Greene WC, et al. **J Exp Med** 1985 Jul 1;162(1):363-8

Immunization with antigen and interleukin 2 in vivo overcomes Ir gene low responsiveness. Kawamura H, et al. **J Exp Med** 1985 Jul 1;162(1):381-6

Interleukin 2 upregulates expression of its receptor on a T cell clone. Malek TR, et al. **J Exp Med** 1985 Jun 1; 161(6):1575-80

Ig RNA expression in normal B cells stimulated with anti-IgM antibody and T cell-derived growth and differentiation factors. Nakanishi K, et al. **J Exp Med** 1984 Dec 1;160(6):1736-51

Human T cell leukemia/lymphoma virus I infection and subsequent cloning of normal human B cells. Direct responsiveness of cloned cells to recombinant interleukin 2 by differentiation in the absence of enhanced proliferation. Tomita S, et al. **J Exp Med** 1985 Jul 1; 162(1):393-8

Interleukin 1 production by the human monocyte cell line U937 requires a lymphokine induction signal distinct from interleukin 2 or interferons. Amento EP, et al. **J Immunol** 1985 Jan;134(1):350-7

Reconstitution of nude mouse T cell function in vivo: IL 2-independent effect of human T cells. Dosch HM, et al. **J Immunol** 1985 Jan;134(1):336-42

Activation of human thymocytes via the 50KD T11 sheep erythrocyte binding protein induces the expression of interleukin 2 receptors on both T3+ and T3- populations. Fox DA, et al. **J Immunol** 1985 Jan;134(1):330-5

Interleukin 2 receptor dysfunction in mice undergoing a graft-vs-host reaction. Joseph LJ, et al. **J Immunol** 1985 Sep;135(3):1846-50

Mechanisms of human T cell response to mitogens: IL 2 induces IL 2 receptor expression and proliferation but not IL 2 synthesis in PHA-stimulated T cells. Katzen D, et al. **J Immunol** 1985 Sep;135(3):1840-5

Interleukins 2 and 3 regulate the in vitro proliferation of two distinguishable populations of 20-alpha-hydroxysteroid dehydrogenase-positive cells. Keller JR, et al. **J Immunol** 1985 Sep;135(3):1864-71

Influence of accessory cell and T cell surface antigens on mitogen-induced IL 2 receptor expression. Malek TR, et al. **J Immunol** 1985 Sep;135(3):1826-33

Characterization of T lymphocyte subpopulations responsible for deficient interleukin 2 activity in patients with systemic lupus erythematosus. Murakawa Y, et al. **J Immunol** 1985 Jan;134(1):187-95

Reversal of phorbol ester-mediated reduction of cloned T lymphocyte cytolysis by interleukin 2. Orosz CG, et al. **J Immunol** 1985 Jan;134(1):324-9

Mechanism of accessory cell requirement in inducing IL 2 responsiveness by human T4 lymphocytes that generate colonies under PHA stimulation. Oudrhiri N, et al. **J Immunol** 1985 Sep;135(3):1813-8

Effect of wheat germ agglutinin on the interleukin pathway of human T lymphocyte activation. Reed JC, et al. **J Immunol** 1985 Jan;134(1):314-23

Requirements for T cell activation by OKT3 monoclonal antibody: role of modulation of T3 molecules and interleukin 1. Schwab R, et al. **J Immunol** 1985 Sep; 135(3):1714-8

Induction of antibody responses to influenza virus in human lymphocyte cultures. I. Role of interleukin 2. Tan PL, et al. **J Immunol** 1985 Sep;135(3):2128-33

Activation of resting T lymphocytes by anti-CD3 (T3) antibodies in the absence of monocytes. Tsoukas CD, et al. **J Immunol** 1985 Sep;135(3):1719-23

Human alloreactive CTL clones: loss and reacquisition of specific cytolytic activity can be regulated by 'recombinant' interleukin 2. Wee SL, et al. **J Immunol** 1985 Jan; 134(1):310-3

Effect of maturation and age on lymphocyte proliferation induced by A23187 through an interleukin-independent pathway. Wu W, et al. **J Leukocyte Biol** 1985 Oct; 38(4):531-40

Cytotoxic activity of peripheral blood lymphocytes grown with interleukin 2 against autologous cultured tumor cells in patients with renal cell carcinoma: preliminary report. Nakano E, et al. **J Urol** 1985 Jul;134(1):24-8

Modulation of interferon-induced NK cells by interleukin 2 and cAMP. Chun M, et al. **Lymphokine Res** 1982; 1(4):91-8

A monoclonal anti-tac antibody may interfere with receptor binding of interleukin 2. Taniguchi N, et al. **Lymphokine Res** 1982;1(4):107-12

Some interleukin-3 dependent mast-cell lines also respond to interleukin-2. Warren HS, et al. **Lymphokine Res** 1985 Summer;4(3):195-204

Role of C3b receptors in the enhancement of interleukin-2-dependent T-cell proliferation. Erdei A, et al. **Mol Immunol** 1984 Dec;21(12):1215-21

Characterization of human large granular lymphocyte subpopulations: comparison of the phenotype of NK cells and of interleukin 2-dependent progenitors of cytolytic effector cells. Allavena P, et al. **Nat Immun Cell Growth Regul** 1985;4(1):7-20

T3-Ti receptor triggering of T8+ suppressor T cells leads to unresponsiveness to interleukin-2. Bensussan A, et al. **Nature** 1984 Oct 11-17;311(5986):565-7

Human interleukin-2 promotes proliferation of activated B cells via surface receptors similar to those of activated T cells. Mingari MC, et al. **Nature** 1984 Dec 13-19; 312(5995):641-3

Effects on syngeneic tumors of F1 lymphocytes sensitized in vitro by parental stimulator cells. Havelaar IJ, et al. **Oncology** 1985;42(3):179-86

Immunopathologic demonstration of T lymphocyte subpopulations and interleukin 2 in granuloma annulare. Modlin RL, et al. **Pediatr Dermatol** 1984 Jul;2(1):26-32

Affinity-purified interleukin 2 induces proliferation of large but not small B cells. Mond JJ, et al. **Proc Natl Acad Sci USA** 1985 Mar;82(5):1518-21

Retrovirus-induced expression of interleukin 2 receptors on cells of human B-cell lineage. Sugamura K, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(23):7441-5

Quantitative absorption of interleukin-2 by peripheral blood and synovial fluid lymphocytes from patients with rheumatoid arthritis. Knobloch C, et al. **Rheumatol Int** 1985;5(3):133-9

[Biological functions of interleukins] Zhao WS. **Sheng Li Ko Hsueh Chin Chan** 1985 Jan;16(1):45-51 (72 ref.) **(Chi)**

[Adoptive immunotherapy of murine tumor using cultured syngeneic tumor-bearer-spleen cells. 1: Anti-tumor activity of tumor-bearer-spleen cells cultured with T cell growth factor (TCGF) and soluble tumor extract] Kan N, et al. **Nippon Gan Chiryo Gakkai Shi** 1985 Feb 20;20(1):31-9 (Eng. Abstr.) **(Jpn)**

[Tumor-specific cytotoxicity of tumor infiltrating lymphocytes (TIL) induced with TCGF in murine mammary carcinoma] Hori T, et al. **Nippon Geka Gakkai Zasshi** 1984 Aug;85(8):749-57 (Eng. Abstr.) **(Jpn)**

ISOLATION & PURIFICATION

Purification of human interleukin 2 to apparent homogeneity and partial characterization of its receptor. Fagnani R, et al. **Anal Biochem** 1984 Nov 1;142(2):487-96

Purification and partial sequence analysis of human interleukin-2 derived from peripheral blood leukocytes. Kato K, et al. **Biochem Biophys Res Commun** 1985 Feb 28;127(1):182-90

Purification and characterization of recombinant human interleukin-2 produced in Escherichia coli. Kato K, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):692-9

T cell growth factors from adult T cell leukemia virus-transformed cell lines. Okai Y, et al. **FEBS Lett** 1984 Nov 19;177(2):200-4

Purification of normal human T-cell growth factor to molecular homogeneity. Lindner SG, et al. **Hamatol Bluttransfus** 1985;29:396-7

High-performance liquid chromatographic separation of distinct epidermal cell-derived cytokines. Köck A, et al. **J Chromatogr** 1985 Jun 19;326:129-36

Isolation of interleukin 2 (IL-2) from human and mouse lymphocyte culture supernatants by batch adsorption onto silicic acid. Pauly JL, et al. **J Immunol Methods** 1984 Dec 14;75(1):73-84

Human T-cell growth factor: purification and interaction with a cellular receptor. Robb RJ. **Lymphokine Res** 1982; 1(2):37-43

Ovine interleukin-2: partial purification and assay in normal sheep and sheep with ovine progressive pneumonia. Ellis JA, et al. **Vet Immunol Immunopathol** 1985 Jan;8(1-2):15-25

Characterization of pig T cell growth factor and its species-restricted activity on human, mouse and sheep cells. English LS, et al. **Vet Immunol Immunopathol** 1985 May;9(1):59-69

METABOLISM

Interleukin regulation of the immune system (IRIS) in male homosexuals with acquired immune deficiency disease syndrome. Palladino MA, et al. **Ann NY Acad Sci** 1984; 437:535-9

Common and pre-B acute lymphoblastic leukemia cells express interleukin 2 receptors, and interleukin 2 stimulates in vitro colony formation. Touw I, et al. **Blood** 1985 Sep; 66(3):556-61

Modulation of human blood lymphocyte cytotoxicity by the phorbol ester tumor promoter P(Bu)2: increase of target binding, impairment of effector recycling, and activation of lytic potential which is independent of IL-2. Ramos OF, et al. **Cell Immunol** 1985 Mar;91(1):178-92

Direct demonstration that the monoclonal antibody AMT-13 and interleukin 2 bind to the same molecule. Osawa H, et al. **Eur J Immunol** 1985 Mar;15(3):299-301

Expression of interleukin 2 receptors and binding of interleukin 2 by gamma interferon-induced human leukemic and normal monocytic cells. Herrmann F, et al. **J Exp Med** 1985 Sep 1;162(3):1111-6

Interleukin 2 receptors on human B cells. Implications for the role of interleukin 2 in human B cell function. Muraguchi A, et al. **J Exp Med** 1985 Jan 1;161(1):181-97

Low and high affinity cellular receptors for interleukin 2. Implications for the level of Tac antigen. Robb RJ, et al. **J Exp Med** 1984 Oct 1;160(4):1126-46

Rat lymphoid cell lines producing human T cell leukemia virus. II. Constitutive expression of rat interleukin 2 receptor. Yodoi J, et al. **J Exp Med** 1985 May 1; 161(5):924-34

Activated B cells express receptors for, and proliferate in response to, pure interleukin 2. Zubler RH, et al. **J Exp Med** 1984 Oct 1;160(4):1170-83

In vivo activity of affinity-purified helper factor from antigen-specific helper clone. Azar Y, et al. **J Immunol** 1985 Mar;134(3):1717-22

Mechanism of action of Cyclosporin A: inhibition of lymphokine secretion studied with antigen-stimulated T cell hybridomas. Kaufmann Y, et al. **J Immunol** 1984 Dec; 133(6):3107-11

TCGF (IL 2)-receptor inducing factor(s). I. Regulation of IL 2 receptor on a natural killer-like cell line (YT cells). Yodoi J, et al. **J Immunol** 1985 Mar;134(3):1623-30

A sensitive and quantitative microassay for the detection of mycoplasma contamination: inhibition of IL-2 dependent cell line proliferation. Sinigaglia F, et al. **J Immunol Methods** 1985 Jan 21;76(1):85-92

Interleukin 2 regulates its own receptors. Smith KA, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):864-8

PHARMACODYNAMICS

Modulation of the expression of interleukin 2 receptors of human thymocytes by recombinant interleukin 2. Reem GH, et al. **Arch Biochem Biophys** 1985 Jun;239(2):455-61

Comparison of the biological properties of purified natural and recombinant human interleukin-2. Naruo K, et al. **Biochem Biophys Res Commun** 1985 Apr 16;128(1):257-64

Interleukin 2 stimulates chronic lymphocytic leukemia colony formation in vitro. Touw I, et al. **Blood** 1985 Jul; 66(1):237-40

Lymphokine-activated killer (LAK) cells. Analysis of factors relevant to the immunotherapy of human cancer. Rayner AA, et al. **Cancer** 1985 Mar 15;55(6):1327-33

Cell-mediated inhibition of tumor colony formation in agarose by resting and interleukin 2-stimulated human lymphocytes. Bradley EC, et al. **Cancer Res** 1985 Apr; 45(4):1464-8

The human lymphokine-activated killer cell system. V. Purified recombinant interleukin 2 activates cytotoxic lymphocytes which lyse both natural killer-resistant autologous and allogeneic tumors and trinitrophenyl-modified autologous peripheral blood lymphocytes. Grimm EA, et al. **Cell Immunol** 1985 Sep; 94(2):568-78

Human B-cell proliferation in response to recombinant interleukin 2 is not due to T-cell help. Lê thi Bich-Thuy, et al. **Cell Immunol** 1985 Sep;94(2):353-9

Both cloned interleukin 2 and purified interleukin 1 are required for optimal growth of purified L3T4+ and Lyt 2+ lymphocytes initiated by concanavalin A. Palacios R, et al. **Cell Immunol** 1985 Sep;94(2):369-82

Modulation of human natural killer cell activity by recombinant human interleukin 2. Shaw AR, et al. **Cell Immunol** 1985 Feb;90(2):547-54

Regulation of growth of an interleukin 2 (IL-2)-dependent murine T-cell clone (HT-2) in a defined serum-free medium. Shipley GD, et al. **Cell Immunol** 1985 Jul; 93(2):459-66

Interleukin-2 apparently upregulates its receptor and induces proliferation of various resting mononuclear leukocytes in the absence of antigen. Williams JM, et al. **Cell Immunol** 1985 Sep;94(2):383-93

LPF-induced T cell colony formation: effect of PMA and interleukin-2, and surface marker analysis. Kashiwa H, et al. **Clin Exp Immunol** 1985 Jun;60(3):509-17

Modulation of the sodium periodate (NaIO4) response in systemic lupus erythematosus (SLE): effect of interleukin-1 (IL-1), interleukin-2 (IL-2), phorbol myristate acetate (PMA), and indomethacin. Phillips R, et al. **Clin Immunol Immunopathol** 1985 Jan;34(1):77-83

Impaired interleukin regulation of the phytohemagglutinin response in Hodgkin's disease. Zamkoff KW, et al. **Clin Immunol Immunopathol** 1985 Apr;35(1):111-24

Activation of Listeria monocytogenes-induced prekiller T cells by interleukin-2. Chen-Woan M, et al. **Clin Invest Med** 1984;7(4):287-95

In vivo administration of interleukin-2. Cheever MA, et al. **Contemp Top Mol Immunol** 1985;10:263-82 (60 ref.)

Cytolytic T cell hybridomas. II. Interleukin 2-independent cytolytic variants. Haas W, et al. **Eur J Immunol** 1985 Aug; 15(8):755-60

Natural killer-like activity in human cultured lymphoid cells propagated in the presence of interleukin-2: acquired resistance to prostaglandin E2- or dexamethasone-mediated suppression. Suzuki H, et al. **Experientia** 1985 May 15;41(5):667-9

Human intestinal mucosal mononuclear cells exhibit lymphokine-activated killer cell activity. Fiocchi C, et al. **Gastroenterology** 1985 Mar;88(3):625-37

Recombinant human interleukin 2 acts as a B cell growth and differentiation promoting factor. Emmrich F, et al. **Immunobiology** 1985 Feb;169(1):97-102

Adoptive transfer of murine host protection to salmonellosis with T-cell growth factor-dependent, Salmonella-specific T-cell lines. Paul C, et al. **Infect Immun** 1985 Apr; 48(1):40-3

Separation and characterization of macrophage precursors and of interleukin 2-responding cells from nylon wool-nonadherent murine spleen cells by using Bauhinia purpurea agglutinin. Yamaguchi N, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):309-16

Regulation of the rate of cell cycle progression in quiescent cytolytic T cells by T cell growth factor: analysis by flow microfluorometry. Sekaly RP, et al. **J Cell Physiol** 1984 Oct;121(1):159-66

Growth factor-mediated tumor cell proliferation in hairy cell leukemia. Ford RJ, et al. **J Exp Med** 1985 Sep 1; 162(3):1093-8

5-Azacytidine treatment of a murine cytotoxic T cell line alters interferon-gamma gene induction by interleukin 2. Farrar WL, et al. **J Immunol** 1985 Sep;135(3):1551-4

Leu-11+ lymphocytes with natural killer (NK) activity are precursors of recombinant interleukin 2 (rIL 2)-induced activated killer (AK) cells. Itoh K, et al. **J Immunol** 1985 Feb;134(2):802-7

Recombinant interleukin 2 enhanced natural killer cell-mediated cytotoxicity in human lymphocyte subpopulations expressing the Leu 7 and Leu 11 antigens. Lanier LL, et al. **J Immunol** 1985 Feb;134(2):794-801

Herpes simplex virus replication in interleukin-2-stimulated human T cells. Hammer SM, et al. **J Infect Dis** 1985 Mar; 151(3):544-8

Lymphokine-activated killer (LAK) cell phenomenon. IV. Lysis by LAK cell clones of fresh human tumor cells from autologous and multiple allogeneic tumors. Rayner AA, et al. **JNCI** 1985 Jul;75(1):67-75

Effects of aging on the in vitro response of human lymphocytes to interleukin-2. Yamashita N, et al. **Jpn J Med** 1984 Aug;23(3):211-5

Biologic activities of recombinant human interleukin 2 on murine lymphocytes. Bleackley RC, et al. **Lymphokine Res** 1985 Spring;4(2):117-31

Interleukin 2 stimulation of protein kinase C membrane association: evidence for IL-2 receptor phosphorylation. Farrar WL, et al. **Lymphokine Res** 1985 Spring;4(2):87-93

Third French Workshop on interleukin 2: joint report. Jacques Y, et al. **Lymphokine Res** 1985 Spring;4(2):159-67

Epidermal cytokines: properties of epidermal cell thymocyte-activating factor (ETAF). Sauder DN. **Lymphokine Res** 1984 Summer;3(4):145-51

Phytohemagglutinin-induced human T-lymphocyte colonies: cellular and T-cell growth factor requirements are the same as for suspension culture growth. Ruscetti FW. **Nat Immun Cell Growth Regul** 1983-84;3(2):102-12

Interleukin-2 stimulates association of protein kinase C with plasma membrane. Farrar WL, et al. **Nature** 1985 May 16-22;315(6016):233-5

Modulation of interleukin 2 activity by lymphocyte-derived tetrahydrobiopterin. Ziegler I, et al. **Naturwissenschaften** 1985 Jun;72(6):330-1

Interleukin 2 (IL-2) augments transcription of the IL-2 receptor gene. Depper JM, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4230-4

Acquired immunological tolerance of foreign cells is impaired by recombinant interleukin 2 or vitamin A acetate. Malkovský M, et al. **Proc Natl Acad Sci USA** 1985 Jan; 82(2):536-8

Human interleukin 2 can promote the growth and differentiation of single hapten-specific B cells in the presence of specific antigen. Pike BL, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):7917-21

Mitogenic effect of IL 2 on non-thymic and thymic lymphocytes of the mouse. Nishimura T, et al. **Thymus** 1984;6(4):225-33

Different response of mouse thymocyte subpopulations to interleukin 2 and concanavalin A. Nishimura T, et al. **Thymus** 1984;6(4):235-42

Enhancement of natural killer cell activity by interferon and interleukin-2 in human large granular lymphocytes inhibited by cyclosporine. Ramsey KM, et al. **Transplant Proc** 1984 Dec;16(6):1628-31

Rapid expansion of allospecific cytotoxic T cell clones using nonspecific feeder cell lines without further addition of exogenous IL2. van de Griend RJ, et al. **Transplantation** 1984 Oct;38(4):401-6

[T-cell growth factor and clonization of type A influenza virus cytotoxic T-cell] Lin YL. **Sheng Li Ko Hsueh Chin Chan** 1984 Apr;15(2):126-30 **(Chi)**

PHYSIOLOGY

Nucleosidediphosphate-kinase induction by human recombinant IL-2 in mouse NK cells. Ohtsuki K, et al. **Biochem Int** 1985 Jan;10(1):13-21

Human interleukin 2: biochemistry, physiology, and possible pathogenetic role in immunodeficiency syndromes. Welte K, et al. **Cancer Invest** 1985;3(1):35-49 (115 ref.)

Isolation of mouse T-cell lymphoma lines from different long-term interleukin 2-dependent cultures. Giglia JS, et al. **Cancer Res** 1985 Oct;45(10):5027-34

Role of interleukin 2 and a serum suppressive factor on the induction of activated killer cells cytotoxic for autologous human melanoma cells. Itoh K, et al. **Cancer Res** 1985 Jul; 45(7):3173-8

Modulation of human natural killer cell activity by recombinant human interleukin 2. Shaw AR, et al. **Cell Immunol** 1985 Mar;91(1):193-200

Effects of interleukin-1 (IL-1) and interleukin-2 (IL-2) on the in vivo growth and differentiation of progenitors of natural killer (NK) cells. Riccardi C, et al. **Chemioterapia** 1984 Dec;3(6):350-3

Interleukin-2 restores the depressed allogeneic cell-mediated lympholysis and natural killer cell activity in patients with systemic lupus erythematosus. Tsokos GC, et al. **Clin Immunol Immunopathol** 1985 Mar;34(3):379-86

The interleukins. **Contemp Top Mol Immunol** 1985;10:1-291

Interleukin-2 and the regulation of natural killer activity in cultured cell populations. Brooks CG, et al. **Contemp Top Mol Immunol** 1985;10:63-92 (120 ref.)

Specificity and phenotype of IL-2 expanded clones of human large granular lymphocytes. Allavena P, et al. **Diagn Immunol** 1983;1(3):162-7

Generation of T cell growth factor (TCGF)- dependent splenic lymphoid cell line with cell-mediated immunosuppressive reactivity against syngeneic murine tumor. Koyama S, et al. **Eur J Cancer Clin Oncol** 1985 Feb;21(2):257-61

Regulation of interleukin 2 (IL2) receptor expression: IL2 as an inducing signal for the expression of its own receptor on a murine T helper cell line. Bismuth G, et al. **Eur J Immunol** 1985 Jul;15(7):723-7

Investigation of early T cell activation: analysis of the effect of specific antigen, interleukin 2 and monoclonal antibodies on intracellular free calcium concentration. O'Flynn K, et al. **Eur J Immunol** 1985 Jan;15(1):7-11

T cell triggering by lectins. II. Stimuli for induction of interleukin 2 responsiveness and interleukin 2 production differ only in quantitative aspects. Roosnek EE, et al. **Eur J Immunol** 1985 Jul;15(7):657-61

Production of colony-stimulating factor(s) for granulocyte-macrophage and multipotential (granulocyte/erythroid/megakaryocyte/macrophage) hematopoietic progenitor cells (CFU-GEMM) by clonal lines of human IL-2-dependent T-lymphocytes. Greenberger JS, et al. **Exp Hematol** 1984 Oct;12(9):720-7

Interleukin 2-dependent T cell line acquires responsiveness to phorbol myristate acetate and lipopolysaccharide in the course of long-term culture. Mukaida N, et al. **Immunol Commun** 1984;13(5):475-86

Control of human T-colony formation by interleukin-2. Jourdan M, et al. **Immunology** 1985 Feb;54(2):249-53

Colony formation in the absence of added growth factors by peripheral blood T-cell colony-forming cells of patients with T-cell malignancies. Georgoulias V, et al. **Int J Cancer** 1984 Oct 15;34(4):471-7

Effects of supernatants and lysates of polymorphonuclear leukocytes--lymphocyte mitogenic factors. Sheng YJ, et al. **Int J Immunopharmacol** 1984;6(6):557-62

Role of the thymus in the control of growth and differentiation of TCGF-sensitive natural killer (NK) cells. Riccardi C, et al. **Int J Tissue React** 1984;6(5):401-8

Dissimilarities between purified human interleukin-1 and recombinant human interleukin-2 in the induction of fever, brain prostaglandin, and acute-phase protein synthesis. Mier JW, et al. **J Biol Response Mod** 1985 Feb;4(1):35-45

Leukocyte interleukins induce cultured endothelial cells to produce a highly organized, glycosaminoglycan-rich pericellular matrix. Montesano R, et al. **J Cell Biol** 1984 Nov;99(5):1706-15

Maintenance of antigen specificity by human interleukin-2-dependent T cell lines. Use of antigen-presenting cells and OKT3 antibody in the absence of antigen. Padula SJ, et al. **J Clin Invest** 1985 Mar; 75(3):788-97

Interleukin 2-induced proliferation of leukemic human B cells. Lantz O, et al. **J Exp Med** 1985 May 1;161(5):1225-30

Both interleukin 2 and a second T cell-derived factor in EL-4 supernatant have activity as differentiation factors in IgM synthesis. Nakanishi K, et al. **J Exp Med** 1984 Dec 1; 160(6):1605-21

Interleukin 2 inhibits in vitro growth of human T cell lines carrying retrovirus. Sugamura K, et al. **J Exp Med** 1985 May 1;161(5):1243-8

Response of resting human peripheral blood natural killer cells to interleukin 2. Trinchieri G, et al. **J Exp Med** 1984 Oct 1;160(4):1147-69

Interleukin 2 regulates the expression of Tac antigen on peripheral blood T lymphocytes. Welte K, et al. **J Exp Med** 1984 Nov 1;160(5):1390-403

Interleukin 2 acts directly on a Tac-positive cloned B cell line established from a patient with adult T cell leukemia. Arima N, et al. **J Immunol** 1985 Oct;135(4):2474-7

Natural killer activity in cloned cytotoxic T lymphocytes: regulation by interleukin 2, interferon, and specific antigen. Brooks CG, et al. **J Immunol** 1985 Aug;135(2):1145-52

Active suppression of host-vs-graft reaction in pregnant mice. VI. Soluble suppressor activity obtained from decidua of allopregnant mice blocks the response to IL 2. Clark DA, et al. **J Immunol** 1985 Mar;134(3):1659-64

Interleukin 2 is both necessary and sufficient for the growth and differentiation of lectin-stimulated cytolytic T lymphocyte precursors. Erard F, et al. **J Immunol** 1985 Mar;134(3):1644-52

The role of arachidonic acid metabolism in the activities of interleukin 1 and 2. Farrar WL, et al. **J Immunol** 1985 Aug; 135(2):1153-9

The role of cytoplasmic intermediates in IL 2-induced T cell growth. Gutowski JK, et al. **J Immunol** 1984 Dec; 133(6):3068-74

Developmentally controlled expression of IL 2 receptors and of sensitivity to IL 2 in a subset of embryonic thymocytes. Hardt C, et al. **J Immunol** 1985 Jun;134(6):3891-4

Interaction of interleukin 2 with cells: quantitative analysis of effects. Hooton JW, et al. **J Immunol** 1985 Oct; 135(4):2464-73

Interleukin 2-mediated induction of lytic activity in a cloned murine CTL line. Howe RC, et al. **J Immunol** 1985 Apr; 134(4):2414-8

The tumor promoter teleocidin induces IL 2 receptor expression and IL 2-independent proliferation of human peripheral blood T cells. Isakov N, et al. **J Immunol** 1985 Oct;135(4):2343-50

Generation of activated killer (AK) cells by recombinant interleukin 2 (rIL 2) in collaboration with interferon-gamma (IFN-gamma). Itoh K, et al. **J Immunol** 1985 May;134(5):3124-9

Interleukin 2-mediated events in gamma-interferon production are calcium dependent at more than one site. Johnson HM, et al. **J Immunol** 1985 Feb;134(2):967-70

In vitro maturation of B cells in chronic lymphocytic leukemia. I. Synergistic action of phorbol ester and interleukin 2 in the induction of Tac antigen expression and interleukin 2 responsiveness in leukemic B cells. Kabelitz D, et al. **J Immunol** 1985 Oct;135(4):2876-81

Induction of IgG secretion in a human B cell clone with recombinant IL 2. Kishi H, et al. **J Immunol** 1985 May; 134(5):3104-7

Induction of human T lymphocyte motility by interleukin 2. Kornfeld H, et al. **J Immunol** 1985 Jun;134(6):3887-90

Induction of interleukin 2 responsiveness in thymocytes by synergistic action of interleukin 1 and interleukin 2. Männel DN, et al. **J Immunol** 1985 May;134(5):3108-10

Interleukin 2-induced lymphocyte proliferation is independent of increases in cytosolic-free calcium concentrations. Mills GB, et al. **J Immunol** 1985 Apr; 134(4):2431-5

Defective cell-mediated immunity in leprosy: failure of T cells from lepromatous leprosy patients to respond to Mycobacterium leprae is associated with defective expression of interleukin 2 receptors and is not reconstituted by interleukin 2. Mohagheghpour N, et al. **J Immunol** 1985 Aug;135(2):1443-9

Agar human T cell colony growth promoted by a B + null cell-derived lymphokine distinct from IL 2. Mossalayi MD, et al. **J Immunol** 1985 Apr;134(4):2400-4

Effect of recombinant IL 2 and gamma-IFN on proliferation and differentiation of human B cells. Nakagawa T, et al. **J Immunol** 1985 Feb;134(2):959-66

Effect of interleukin 2, interferon-gamma, and mitogens on the production of tumor necrosis factors alpha and beta. Nedwin GE, et al. **J Immunol** 1985 Oct;135(4):2492-7

Inhibition of IL 2-dependent proliferation of rat T lymphoblasts by the monoclonal antibody ART62 which reacts with MHC class 1 antigens. Osawa H, et al. **J Immunol** 1985 Jun;134(6):3901-6

Stimulation of immunoglobulin secretion in human B lymphocytes as a direct effect of high concentrations of IL 2. Ralph P, et al. **J Immunol** 1984 Nov;133(5):2442-5

Monoclonal antibody OKT11A inhibits and recombinant interleukin 2 (IL 2) augments expression of IL 2 receptors at a pretranslational level. Reed JC, et al. **J Immunol** 1985 Oct;135(4):2478-82

Suppressed antibody responses to sheep erythrocytes in mice with chronic Trypanosoma cruzi infections are restored with interleukin 2. Reed SG, et al. **J Immunol** 1984 Dec; 133(6):3333-7

Regulation by interleukin 2 of interleukin 2 receptors and gamma-interferon synthesis by human thymocytes:

augmentation of interleukin 2 receptors by interleukin 2. Reem GH, et al. **J Immunol** 1985 Feb;134(2):953-8

Interleukin 2 enhances the natural killer cell activity of acquired immunodeficiency syndrome patients through a gamma-interferon-independent mechanism. Rook AH, et al. **J Immunol** 1985 Mar;134(3):1503-7

The role of interleukin 2 and T11 E rosette antigen in activation and proliferation of human NK clones. Schmidt RE, et al. **J Immunol** 1985 Jul;135(1):672-8

Mode of in vitro augmentation of natural killer cell activity by recombinant human interleukin 2: a comparative study of Leu-11+ and Leu-11- cell populations in cord blood and adult peripheral blood. Seki H, et al. **J Immunol** 1985 Oct;135(4):2351-6

Interferon-gamma enhances induction of lymphotoxin in recombinant interleukin 2-stimulated peripheral blood mononuclear cells. Svedersky LP, et al. **J Immunol** 1985 Mar;134(3):1604-8

Ontogeny of proliferative and cytotoxic responses to interleukin 2 and concanavalin A in murine fetal thymus. Teh HS, et al. **J Immunol** 1985 Mar;134(3):1653-8

Demonstration of the involvement of interleukin 2 in the differentiation of Staphylococcus aureus Cowan I-stimulated B cells. Teranishi T, et al. **J Immunol** 1984 Dec;133(6):3062-7

Differential effects of recombinant human interferon-gamma and interleukin 2 on natural killer cell activity of peripheral blood in early human development. Ueno Y, et al. **J Immunol** 1985 Jul;135(1):180-4

Regulation of IFN-gamma induction in human peripheral blood cells by exogenous and endogenously produced interleukin 2. Vilček J, et al. **J Immunol** 1985 Sep;135(3):1851-6

IL 2 receptor induction on human T lymphocytes: role for IL 2 and monocytes. Wakasugi H, et al. **J Immunol** 1985 Jul;135(1):321-7

Abrogation of anti-Pichinde virus cytotoxic T cell memory by cyclophosphamide and restoration by coinfection or interleukin 2. Walker CM, et al. **J Immunol** 1985 Aug;135(2):1401-7

Lymphokine-induced cytotoxicity: requirement of two lymphokines for the induction of optimal cytotoxic response. Yang SS, et al. **J Immunol** 1985 Jun;134(6):3912-9

Retention of biological activity following radioiodination of human interleukin 2: comparison with biosynthetically labeled growth factor in receptor binding assays. Robb RJ, et al. **J Immunol Methods** 1985 Jul 16;81(1):15-30

Immunity to herpes simplex virus: virus reactivation modulates lymphokine activity. Sheridan JF, et al. **J Infect Dis** 1985 Sep;152(3):449-56

Human recombinant interleukin-2 is mitogenic to human lymphocytes. Mookerjee BK, et al. **J Leukocyte Biol** 1985 Oct;38(4):553-6

The relative roles of interleukins 1, 2, and 3 in the regulation of T cell differentiation. Ihle JN, et al. **KROC Found Ser** 1984;18:399-421 (89 ref.)

Role of interleukin 2 on enhancement of concanavalin A-induced human peripheral blood lymphocyte proliferation by murine B cell mitogens. Nitta T, et al. **Microbiol Immunol** 1985;29(5):441-9

Generation of natural killer-like cytotoxicity from human thymocytes with interleukin-2. Gray JD, et al. **Nat Immun Cell Growth Regul** 1983-84;3(3):124-33

Mechanism of interleukin 2 action. Namba Y. **Nippon Ketsueki Gakkai Zasshi** 1984 Dec;47(8):1617-22

Interleukin 2 promotes growth and cytolytic activity in human T3+4-8- thymocytes. de la Hera A, et al. **Proc Natl Acad Sci USA** 1985 Sep;82(18):6268-71

Effect of cyclosporin and interleukin-2 on the restoration of in vitro immune responses to cytomegalovirus. Converse PJ, et al. **Scand J Immunol** 1985 Feb;21(2):109-18

Dextran sulphate selectively enhances interleukin-2-dependent cytotoxic T lymphocyte growth but not differentiation. Primi D, et al. **Scand J Immunol** 1984 Dec;20(6):533-42

Cellular immune defects in patients with melanoma involving interleukin-2-activated lymphocyte cytotoxicity and a serum suppressor factor. Balch CM, et al. **Surgery** 1985 Aug;98(2):151-7

Hematopoietic growth factors. Burgess AW. **Symp Fundam Cancer Res** 1984;37:159-69 (59 ref.)

Interleukins and inhibitors in human lymphocyte regulation. Nowell PC, et al. **Symp Fundam Cancer Res** 1984;37:199-212

The determinants of T-cell growth. Smith KA. **Symp Fundam Cancer Res** 1984;37:185-92

Mediators released by human lung cells are potent growth factors for human lung fibroblasts. Hunninghake GW, et al. **Trans Assoc Am Physicians** 1984;97:41-8

The effects of interleukin-1, interleukin-2, alpha-interferon, and gamma-interferon on human B lymphocytes. Kehrl JH, et al. **Trans Assoc Am Physicians** 1984;97:182-9

Effect of interleukin 2 on the immunosuppressive action of cyclosporine. Hess AD. **Transplantation** 1985 Jan;39(1):62-8

Restoration of T cell responsiveness to interleukin-2 in recipients of pancreatic islet xenografts treated with cyclosporine. Nakajima Y, et al. **Transplantation** 1985 Jul;40(1):73-6

[T cell growth factor] Li CH. **Sheng Li Ko Hsueh Chin Chan** 1984 Jan;15(1):53-6 **(Chi)**

[Interleukins as modulators of the immune system] Röllinghoff M. **Ric Clin Lab** 1984;14 Suppl 2:15-20 (19 ref.) **(Ita)**

[Interleukins and their clinical significance] Miyasaka N. **Ryumachi** 1985 Apr;25(2):134-41 (50 ref.) **(Jpn)**

[Interleukin-2 and its possible role in the pathogenesis of stress-related changes in the immune system] Sukhikh GT, et al. **Dokl Akad Nauk SSSR** 1984;278(3):762-5 **(Rus)**

SECRETION

Quantitative studies on T-cell functions in MRL/MP-Lpr/Lpr mice. I. Frequency analysis of precursor cells of proliferating, cytotoxic, and T-cell growth factor-secreting T lymphocytes reveals an increase in absolute numbers, with a concomitant decrease in percentage of immunocompetent cells. Simon MM, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):39-53

Maturation of fetal thymocytes in organ culture: secretion of interleukin 2, interferon and colony stimulating factors. Kisielow P, et al. **Thymus** 1985;7(3):189-98

STANDARDS

First French workshop on standardization of human IL-2: joint report. **Lymphokine Res** 1982;1(4):121-7

THERAPEUTIC USE

Interferon and interleukin-2 therapy of Kaposi's sarcoma. Volberding PA, et al. **Adv Exp Med Biol** 1985;187:151-7

Preliminary clinical observations with recombinant interleukin-2 in patients with AIDS or LAS. Kern P, et al. **Blut** 1985 Jan;50(1):1-6

Tumour inhibitory effects of TCGF/IL-2/-containing preparations. Bubeník J, et al. **Cancer Immunol Immunother** 1985;19(1):57-61

Successful immunotherapy of murine experimental hepatic metastases with lymphokine-activated killer cells and recombinant interleukin 2. Lafreniere R, et al. **Cancer Res** 1985 Aug;45(8):3735-41

Abnormalities in autologous mixed lymphocyte reaction-activated immunologic processes in systemic lupus erythematosus and their possible correction by interleukin 2. Takada S, et al. **Eur J Immunol** 1985 Mar;15(3):262-7

Clinical trials of interleukin-2 in the acquired immune deficiency syndrome: warning to autopsy prosectors and other health care professionals [letter] Mitchell WM. **Hum Pathol** 1985 Jan;16(1):97-8

Tumour regression after intralesional injection of interleukin 2 (IL-2) in bladder cancer. Preliminary report. Pizza G, et al. **Int J Cancer** 1984 Sep 15;34(3):359-67

Potential use of human interleukin 2 as an adjunct for the therapy of neoplasia, immunodeficiency and infectious disease. Merluzzi VJ, et al. **Int J Immunopharmacol** 1985;7(1):31-9

The anti-tumor efficacy of lymphokine-activated killer cells and recombinant interleukin 2 in vivo. Mulé JJ, et al. **J Immunol** 1985 Jul;135(1):646-52

Immunotherapy of cancer with lymphokine-activated killer cells and recombinant interleukin-2. Rosenberg SA, et al. **Surgery** 1985 Sep;98(3):437-44

[Trials of immunotherapy in tumors of the urinary tract] Corrado F, et al. **Arch Esp Urol** 1984 Dec;37 Suppl 2:659-66 (Eng. Abstr.) **(Spa)**

MITOGENS

Mitogenic activity and epidermal growth factor content in human milk. Jansson L, et al. **Acta Paediatr Scand** 1985 Mar;74(2):250-3

Tobacco constituents are mitogenic for arterial smooth-muscle cells. Becker CG, et al. **Am J Pathol** 1985 Jul;120(1):1-5

Peptidoglycan from the potentially pathogenic oral bacterium Actinomyces viscosus is a B-cell mitogen. Baker JJ. **Arch Oral Biol** 1985;30(3):291-4

The mitogenic activity of pp60v-src, the oncogenic protein product of the src gene of avian sarcoma virus, is independent of external serum growth factors. Durkin JP, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):411-7

Mitogenicity and adjuvanticity of lipopolysaccharide from a marine bacterium, Vibrio anguillarum, in mice. Shimizu T, et al. **Chem Pharm Bull (Tokyo)** 1984 Oct;32(10):4165-9

Analysis of the mitogenic effects of toxic shock toxin on human peripheral blood mononuclear cells in vitro. Calvano SE, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):99-110

Staphylococcal protein A bound to Sepharose 4B is mitogenic for T cells but not B cells from rabbit tissues. Kraft SC, et al. **Clin Immunol Immunopathol** 1985 Oct;37(1):13-21

Polyclonal activators in pulmonary immune disease. Willoughby WF, et al. **Clin Rev Allergy** 1985 May;3(2):197-216 (112 ref.)

The mitogenic, but not differentiative, response of crop tissue to prolactin is circadian phase dependent. Horseman ND, et al. **Endocrinology** 1985 May;116(5):2085-9

Nonspecific mitogen responses of peripheral lymphocytes in levamisole-treated patients with herpetic stromal keratitis. Sakata H, et al. **Hiroshima J Med Sci** 1984 Dec;33(4):813-7

Investigation of ability of the metal allergens cobalt chloride, nickel sulfate and potassium dichromate to give a mitogenic response in human thymocytes. Nordlind K, et al. **Int Arch Allergy Appl Immunol** 1984;75(4):330-2

Dissociation of the chemotactic and mitogenic activities of platelet-derived growth factor by human neutrophil elastase. Senior RM, et al. **J Cell Biol** 1985 Feb;100(2):351-6

Identification of a PDGF-like mitoattractant produced by NIH/3T3 cells after transformation with SV40. Bleiberg I, et al. **J Cell Physiol** 1985 May;123(2):161-6

Gastrin releasing peptide is a selective mitogen for small cell lung carcinoma in vitro. Weber S, et al. **J Clin Invest** 1985 Jan;75(1):306-9

Mitogenic actions of insulin on fetal and neonatal rat cells in vitro. Crace CJ, et al. **J Endocrinol** 1985 Jan;104(1):63-8

Mitogen-like monoclonal anti-actin antibodies. Rosenblatt HM, et al. **J Immunol** 1985 Aug;135(2):995-1000

Polysaccharides with sulfate groups are human T cell mitogens and murine polyclonal B cell activators (PBAs) II. Cellulose sulfate and dextran sulfate with two different lower molecular weights. Sugawara I, et al. **Microbiol Immunol** 1984;28(7):831-9

Interleukin-1 stimulation of astroglial proliferation after brain injury. Giulian D, et al. **Science** 1985 Apr 26;228(4698):497-9

ANALYSIS

Plasminogen activator is a mitogen for astrocytes in developing cerebellum. Moonen G, et al. **Brain Res** 1985 May;352(1):41-8

Mitogenic and antigenic activity of Plasmodium falciparum in primate and rodent lymphocytes. Golenser J, et al. **Int J Parasitol** 1985 Aug;15(4):435-40

BLOOD

Mitogenic effects of sera from normal and psoriatic subjects on human skin fibroblasts. Priestley GC, et al. **Arch Dermatol Res** 1985;277(1):13-5

[Mitogenic factors for BALB/c 3T3 cells isolated from the serum of horses by affinity chromatography on a column using fetal calf serum as the ligand] Mangalo R, et al. **C R Acad Sci [III]** 1984;299(11):445-50 (Eng. Abstr.) **(Fre)**

GENETICS

Dominant and recessive mitogen-nonproliferative variants of 3T3 cells. Terwilliger E, et al. **J Cell Physiol** 1985 Jun;123(3):321-5

IMMUNOLOGY

Blastogenic responses of splenic lymphocytes to toxoplasmal and retinal antigens and T- and B-cell mitogens in mice with congenital ocular toxoplasmosis. Hay J, et al. **Ann Trop Med Parasitol** 1985 Feb;79(1):113-5

ISOLATION & PURIFICATION

Blast transformation of mouse splenic B-lymphocytes with extracts of Mycoplasma hyorhinis. Butler GH, et al. **Isr J Med Sci** 1984 Sep;20(9):891-4

Endothelial cell mitogens derived from retina and hypothalamus: biochemical and biological similarities. D'Amore PA, et al. **J Cell Biol** 1984 Oct;99(4 Pt 1):1545-9

METABOLISM

Activation of murine spleen cells by lipid A: negative modulation of lipid A mitogenic activity by O-antigen polysaccharide. Vukajlovich SW, et al. **J Immunol** 1985 Oct;135(4):2546-50

PHARMACODYNAMICS

Cyclosporin A (Sandimmun) modulates the Ca2+ uptake of mitogen-stimulated lymphocytes. Hiestand PC. **Agents Actions** 1984 Dec;15(5-6):556-61

Intracellular pH in human fibroblasts: effect of mitogens, A23187, and phospholipase activation. Muldoon LL, et al. **Am J Physiol** 1985 Jul;249(1 Pt 1):C140-8

Isolation of mononuclear cells from bovine milk by continuous-flow and density gradient centrifugation: response of cells to mitogens. Nonnecke BJ, et al. **Am J Vet Res** 1985 Jun;46(6):1259-62

Effects of T mitogens on in vivo antibody production to a T-dependent antigen in lines of mice genetically selected for high or low in vitro responsiveness to PHA. Stiffel C, et al. **Ann Immunol (Paris)** 1984 Nov-Dec;135D(3):257-70

Capacity of sera from patients with primary intracranial tumors to support mitogen stimulation of blood lymphocytes. Correlation to histological tumor type. Blomgren H, et al. **Anticancer Res** 1985 Jul-Aug;5(4):349-54

Importance of the mitogen in sister chromatid exchange studies. Deknudt G. **Basic Life Sci** 1984;29 Pt B:695-714

Monensin, like methylamine, prevents degradation of 125I-epidermal growth factor, causes intracellular accumulation of receptors and blocks the mitogenic response. King AC. **Biochem Biophys Res Commun** 1984 Oct 30;124(2):585-91

Properties and activities of aminopeptidases in normal and mitogen-stimulated human lymphocytes. Kohno H, et al. **Biochem J** 1985 Feb 15;226(1):59-65

Are cyclic nucleotides involved in the initiation of mitogenic activation of human lymphocytes? Kaever V, et al. **Biochim Biophys Acta** 1985 Aug 30;846(2):216-25

Induction and augmentation of mitogen-induced immune interferon production in human lymphocytes by a synthetic thymopoietin pentapeptide. Diezel W, et al. **Biomed Biochim Acta** 1984;43(6):K9-12

Biphasic production of immune interferon during mitogen-induced blastogenesis of human peripheral blood mononuclear leukocytes. Venker P, et al. **Biomed Biochim Acta** 1985;44(4):573-83

Staphylococcal Protein A column: correlation of mitogenicity of perfused plasma with clinical response. Bertram JH, et al. **Cancer Res** 1985 Sep;45(9):4486-94

Evidence for a novel pituitary factor that potentiates the mitogenic effect of estrogen in human breast cancer cells. Dembinski TC, et al. **Cancer Res** 1985 Jul;45(7):3083-9

Mechanisms in opposite modulation of spleen cell and lymph node cell responses to mitogens following muramyl dipeptide treatment in vivo. Brummer E, et al. **Cell Immunol** 1985 Apr 1;91(2):505-14

Salmonella typhimurium mitogen induces proliferation of human B lymphocytes. McChesney MB, et al. **Cell Immunol** 1985 Jun;93(1):83-90

The optimal conditions for microtiter cultures of human peripheral lymphocytes. II. Effects of mitogen concentration, incubation time and duration of isotope pulse. Wang SR, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1984 Nov;17(4):203-9

In vitro IgE-secreting cells in man. I. Mitogen-independent and -dependent subpopulations. Matsumoto T, et al. **Clin Allergy** 1985 Jan;15(1):61-6

Effects of prostaglandin E2 on responses of T-cell subsets to mitogen and autologous non-T-cell stimulation. Honda M, et al. **Clin Immunol Immunopathol** 1984 Oct;33(1):111-22

Ontogeny of T-cell mitogen response in Lewis rats: I. Culture conditions and developmental patterns. Middleton PA, et al. **Dev Comp Immunol** 1984 Fall;8(4):895-906

Ontogeny of T-cell mitogen response in Lewis rats: II. Early appearance and loss of suppressor activity. Middleton PA, et al. **Dev Comp Immunol** 1984 Fall;8(4):907-19

Inhibition of lymphocyte response to mitogens by dipyridamole: preliminary findings. Melamed I, et al. **Eur J Clin Pharmacol** 1985;28(3):263-5

Lack of inhibition of mitogen-induced lymphoproliferation by interferon gamma. Pischedda F, et al. **Eur J Immunol** 1985 Apr;15(4):413-5

Interferon gamma produced by mitogen-activated T lymphocytes does not directly mediate lymphoproliferation. Wilkinson M, et al. **Eur J Immunol** 1985 Apr;15(4):404-7

Effects of orchiectomy on spleen cell mitogen response and on the thymus of aged mice. Dean DH, et al. **Exp Aging Res** 1984 Winter;10(4):189-91

Stimulation of human blood lymphocyte by different polyclonal B cell activators of bacterial and plant origin: production of IgM, IgG and IgA estimated by the ELISA method. Tlaskalová-Hogenová H, et al. **Folia Microbiol (Praha)** 1985;30(3):258-66

Some early events in the primary mitogenic stimulation of lymphocytes differ from later interleukin stimulation and other quiescence to growth activation systems. Johnstone AP, et al. **Immunology** 1985 Aug;55(4):685-92

Differential requirements for rabbit dendritic cells and macrophages in T lymphocyte proliferation induced by various mitogens. Kapsenberg ML, et al. **Immunology** 1985 Jun;55(2):301-10

Lymphatic mast cells in response to in vitro stimulation by non-specific T-cell mitogens. Włodarski K, et al. **Immunology** 1985 Jun;55(2):311-5

The effect of desferrioxamine on the proliferative response of rat lymphocytes stimulated with various mitogens in vitro. Soyano A, et al. **Immunopharmacology** 1984 Dec;8(3-4):163-9

Synergistic effect of TPA and T-cell mitogens in nonmammalian vertebrates. Wiley JE, et al. **In Vitro** 1984 Dec;20(12):932-6

Suppression of T lymphocyte mitogen response in patients with mastocytosis. Olafsson JH, et al. **Int Arch Allergy Appl Immunol** 1985;77(4):423-9

In vivo effects of an acute nonimmunological inflammation in rats on the lymphoproliferative response to mitogens. Sheng YJ, et al. **Int J Immunopharmacol** 1984;6(6):563-7

HLA specificities, lymphocyte subsets, and mitogenic response in Henoch-Schönlein purpura nephritis. Sengar DP, et al. **Int J Pediatr Nephrol** 1984 Dec;5(4):197-200

Appearance of Ia antigens on T lymphocytes stimulated by streptococcal mitogen as an in vitro model of autoimmunity. Quagliata F, et al. **Int J Tissue React** 1985;7(1):47-53

Mitogenic potentials of bestatin, amastatin, arphamenines A and B, FK-156 and FK-565 on spleen lymphocytes. Weissmann N, et al. **J Antibiot (Tokyo)** 1985 Jun;38(6):772-8

Diverse mitogenic agents induce rapid phosphorylation of a common set of cellular proteins at tyrosine in quiescent mammalian cells. Kohno M. **J Biol Chem** 1985 Feb 10;260(3):1771-9

Effect upon mitogenic stimulation of calcium-dependent phosphorylation of cytoskeleton-associated 350,000- and 80,000-mol-wt polypeptides in quiescent 3Y1 cells. Sato C, et al. **J Cell Biol** 1985 Mar;100(3):748-53

Superinduction by cycloheximide of mitogen-induced secreted proteins produced by Balb/c 3T3 cells. Hamilton RT, et al. **J Cell Physiol** 1985 May;123(2):201-8

Culture kinetics of glycolytic enzyme induction, glucose utilization, and thymidine incorporation of extended-exposure phytohemagglutinin-stimulated human lymphocytes. Tollefsbol TO, et al. **J Cell Physiol** 1985 Jan;122(1):98-104

The stimulation of normal human melanocyte proliferation in vitro by melanocyte growth factor from bovine brain. Wilkins L, et al. **J Cell Physiol** 1985 Mar;122(3):350-61

Epidermal growth factor, a vascular smooth muscle mitogen, induces rat aortic contraction. Berk BC, et al. **J Clin Invest** 1985 Mar;75(3):1083-6

Growth factors and wound healing in the hamster. Leitzel K, et al. **J Dermatol Surg Oncol** 1985 Jun;11(6):617-22

Identification of the principal T lymphocyte-stimulating antigens of Pseudomonas aeruginosa. Parmely MJ, et al. **J Exp Med** 1984 Nov 1;160(5):1338-49

A monoclonal antibody (AE3.d3) with mitogenic properties for murine B cells. Allouche M, et al. **J Immunol** 1984 Nov;133(5):2301-7

Control of B cell proliferation: inhibition of responses to B cell mitogens induced by plasma cell tumors. Berman JE, et al. **J Immunol** 1985 May;134(5):2872-8

Effects of tobacco glycoprotein (TGP) on the immune system. I. TGP is a T-independent B cell mitogen for murine lymphoid cells. Choy JW, et al. **J Immunol** 1985 May;134(5):3193-8

Polyclonal B cell stimulation and interleukin 1 induction by the mucoid exopolysaccharide of Pseudomonas aeruginosa associated with cystic fibrosis. Daley L, et al. **J Immunol** 1985 May;134(5):3089-93

The tumor promoter teleocidin induces IL 2 receptor expression and IL 2-independent proliferation of human peripheral blood T cells. Isakov N, et al. **J Immunol** 1985 Oct;135(4):2343-50

Activation requirements for antigen- and mitogen-induced interferon-gamma release from cytotoxic T lymphocytes. Klein JR, et al. **J Immunol** 1985 Apr;134(4):2456-61

Functional recognition of bacterial mitogens by B lymphoma cells: reactivity of WEHI 279.1 to lipopolysaccharide and selection of nonreactive variants. Kleine B, et al. **J Immunol** 1985 Oct;135(4):2541-5

Effect of interleukin 2, interferon-gamma, and mitogens on the production of tumor necrosis factors alpha and beta. Nedwin GE, et al. **J Immunol** 1985 Oct;135(4):2492-7

Influenza viruses as lymphocyte mitogens. I. B cell mitogenesis by influenza A viruses of the H2 and H6 subtypes is controlled by the I-E/C subregion of the major histocompatibility complex. Scalzo AA, et al. **J Immunol** 1985 Feb;134(2):757-60

Mitogen-induced human IgG subclass expression. Scott MG, et al. **J Immunol** 1984 Nov;133(5):2454-60

Sodium periodate-induced T cell mitogenesis: an analysis of the requirement for Ia and IL 1. Smith LA, et al. **J Immunol** 1985 Aug;135(2):1137-44

Comparison of the expression of IL 2 receptors by human T and B cells: induction by the polyclonal mitogens, phorbol myristate acetate, and anti-mu antibody. Suzuki T, et al. **J Immunol** 1985 May;134(5):3111-9

Differential effect of human chorionic gonadotrophin on lymphocyte proliferation induced by mitogens. Ricketts RM, et al. **J Reprod Immunol** 1985 May;7(3):225-32

Modulation of mitogen-dependent lymphocyte stimulation by hyaluronic acid. Anastassiades T, et al. **J Rheumatol** 1984 Dec;11(6):729-34

Globoside and Forssman synthases in human lymphocytes exposed to Epstein-Barr virus and mitogens. Taniguchi N, et al. **JNCI** 1985 Mar;74(3):563-8

Unusual reactivity of lymphocytes from patients with ankylosing spondylitis to mitogen derived from Mycoplasma arthritidis [letter] Seitz M, et al. **Lancet** 1984 Nov 3;2(8410):1035-6

Lack of correlation between serum cholesterol levels, lymphocyte plasma membrane fluidity and mitogen responsiveness in young and aged chickens. Traill KN, et al. **Mech Ageing Dev** 1984 Nov;28(1):123-38

Role of interleukin 2 on enhancement of concanavalin A-induced human peripheral blood lymphocyte proliferation by murine B cell mitogens. Nitta T, et al. **Microbiol Immunol** 1985;29(5):441-9

Mitogen-induced phosphorylation of cytosolic proteins in rabbit T- and B-lymphocytes. Dasch JR, et al. **Mol Immunol** 1985 Apr;22(4):379-89

Mitogens trigger a calcium-independent signal for proliferation in phorbol-ester-treated lymphocytes. Gelfand EW, et al. **Nature** 1985 May 30-Jun 5;315(6018):419-20

A common sequence of calcium and pH signals in the mitogenic stimulation of eukaryotic cells. Hesketh TR, et al. **Nature** 1985 Feb 7-13;313(6002):481-4

On the effect of the new progestagen dienogest (STS 557) on the proliferative responses of rabbit blood lymphocytes to mitogens. Bräuer R, et al. **Pharmazie** 1984 Aug;39(8):580-1

Effect of monochromatic UVA light and 8-methoxypsoralen on human lymphocyte response to mitogen. Gasparro FP, et al. **Photodermatol** 1984 Feb;1(1):10-7

Lymphoblastoid cell-induced suppression of human peripheral blood leukocyte mitogenic responses. Zhang JL, et al. **Proc Soc Exp Biol Med** 1984 Nov;177(2):278-82

Parameters influencing chicken T-cell response to mitogens. Cheng YQ, et al. **Prog Clin Biol Res** 1984;161:151-6

Proliferative response of chicken T- and B-lymphocytes to mitogens. Lee LF. **Prog Clin Biol Res** 1984;161:41-52 (38 ref.)

Lymphoproliferative responses of spleen cells of inbred rat strains to Mycoplasma arthritidis mitogen. Moritz T, et al. **Scand J Immunol** 1984 Oct;20(4):365-9

Mitogen response of lymphocytes in platelet concentrates. Effect of storage and adenine. Margo B, et al. **Transfusion** 1984 Sep-Oct;24(5):386-7

[Mitogenic responsiveness to growth factor and tumor promoters and regulation of cell growth] Shimizu N. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):692-9 (Eng. Abstr.) **(Jpn)**

[Determination of human B cell functions by Salmonella paratyphi B and its clinical significance] Funato T, et al. **Rinsho Byori** 1985 Jan;33(1):82-8 **(Jpn)**

[Changes in size distribution during blastogenesis of lymphocytes induced by some mitogens] Maeda H, et al. **Rinsho Byori** 1984 Aug;32(8):899-903 **(Jpn)**

[Spontaneous and mitogen-induced proliferative activity of mononucleocytes in pollinosis patients] Serov AA. **Biull Eksp Biol Med** 1985 Jan;99(1):95-7 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the lymphocyte blast-transformation reaction induced by various mitogens in the polychemotherapy of patients with breast cancer] Gnatyshak AI, et al. **Eksp Onkol** 1984;6(1):61-3 (Eng. Abstr.) **(Rus)**

SECRETION

Evidence of mast-cell histamine being mitogenic in intact tissue. Norrby K. **Agents Actions** 1985 Apr;16(3-4):287-90

URINE

High-pressure liquid chromatography for isolation of clastogenic agents from urine. Curtis JR, et al. **Mutat Res** 1985 Aug;147(4):171-7

Clastogenic agents in the urine of coffee drinkers and cigarette smokers. Dunn BP, et al. **Mutat Res** 1985 Aug;147(4):179-88

MITOGUAZONE see under **GUANIDINES**

MITOLACTOL

ADMINISTRATION & DOSAGE

Phase II evaluation of dibromodulcitol in the treatment of recurrent medulloblastoma, ependymoma, and malignant astrocytoma. Levin VA, et al. **J Neurosurg** 1984 Dec;61(6):1063-8

THERAPEUTIC USE

A phase II study of dibromodulcitol (DBD) in stage IV melanoma. Hopkins J, et al. **Am J Clin Oncol** 1984 Oct;7(5):555-6

Phase II study of mitolactol in chemotherapy-refractory metastatic breast cancer. Creech RH, et al. **Cancer Treat Rep** 1984 Dec;68(12):1499-501

Phase II trial of mitolactol in previously treated and untreated patients with advanced colorectal cancer: an Illinois Cancer Council trial. Locker GY, et al. **Cancer Treat Rep** 1984 Oct;68(10):1303-4

Phase II study of mitolactol in advanced malignant melanoma. Murray N, et al. **Cancer Treat Rep** 1985 Jun;69(6):723-4

Phase II study of mitolactol in metastatic malignant melanoma. Simmonds MA, et al. **Cancer Treat Rep** 1985 Jan;69(1):65-7

Phase I and II studies of cytostatic hexitol derivatives: the role of alkylating metabolites? Eckhardt S, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 2):783-8

[Dibromodulcitol in combination with actinotherapy of spinocellular carcinoma] Petruželka L, et al. **Sb Lek** 1984 Sep;86(8-9):259-64 (Eng. Abstr.) **(Cze)**

MITOMYCINS

Conjugates of mitomycin C with the immunoglobulin M monomer fragment of a monoclonal anti-MM46 immunoglobulin M antibody with or without serum albumin as intermediary. Umemoto N, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):297-307

Lack of influence of the carbamoyl group on the stereochemistry of the acid-catalyzed opening of the aziridine ring of the mitomycins and of congeners. Hornemann U, et al. **J Med Chem** 1985 Jan;28(1):31-6

A comparison of mechanisms proposed for the conversion of mitomycins into mitosenes. Iyengar BS, et al. **J Med Chem** 1985 Jul;28(7):963-7

Photogeneration of superoxide and decarboxylated peptide radicals by carboquone, mitomycin C and streptonigrin. An electron spin resonance and spin trapping study. Carmichael AJ, et al. **Photochem Photobiol** 1985 Jun;41(6):635-42

ADMINISTRATION & DOSAGE

Production of a monoclonal antibody-mitomycin C conjugate, utilizing dextran T-40, and its biological activity. Manabe Y, et al. **Biochem Pharmacol** 1985 Jan 15;34(2):289-91

Intravenous and hepatic arterial infusion of high dose mitomycin C with autologous bone marrow transplantation in patients with tumour metastatic to the liver. Corringham RE, et al. **Br J Cancer** 1984 Dec;50(6):841-2

Effects of intra-arterially infused biodegradable microspheres containing mitomycin C. Fujimoto S, et al. **Cancer** 1985 Feb 1;55(3):522-6

Combined thiotepa and mitomycin C instillation therapy for low-grade superficial bladder tumor. Hu KN, et al. **Cancer** 1985 Apr 15;55(8):1654-8

Gastric epithelial atypia associated with hepatic arterial infusion chemotherapy. Its distinction from early gastric carcinoma. Petras RE, et al. **Cancer** 1985 Aug 15; 56(4):745-50

Hepatic artery infusion of 5-fluorouracil and mitomycin C in cholangiocarcinoma and gallbladder carcinoma. Smith GW, et al. **Cancer** 1984 Oct 15;54(8):1513-6

Clinical pharmacokinetics of high-dose mitomycin C. Schilcher RB, et al. **Cancer Chemother Pharmacol** 1984; 13(3):186-90

Synergistic anti-suppressor effect of mini cells prepared from Salmonella typhimurium and mitomycin C in EL 4-bearing mice. Kurashige S, et al. **Cancer Immunol Immunother** 1985; 19(2):127-9

Phase I study of hepatic arterial degradable starch microspheres and mitomycin. Ensminger WD, et al. **Cancer Res** 1985 Sep;45(9):4464-7

Regional intra-arterial mitomycin C infusion in previously treated patients with metastatic colorectal cancer and concomitant measurement of serum drug level. Tseng MH, et al. **Cancer Treat Rep** 1984 Nov;68(11):1319-24

Mitomycin and methotrexate: negative experience in untreated colorectal carcinoma. Wernz JC, et al. **Cancer Treat Rep** 1985 Feb;69(2):223-4

A review of mitomycin regimens in advanced breast cancer therapy. Legha SS. **Clin Ther** 1985;7(3):286-307 (58 ref.)

Intravesical chemotherapy for carcinoma in situ of the urinary bladder: 5 years later. Jakse G. **Eur Urol** 1984; 10(5):289-93

[Interventional radiology in chemotherapy. Percutaneous arterial route and and embolization with microspheres] Bruneton JN, et al. **J Radiol** 1984 Dec;65(12):833-8 (Eng. Abstr.) **(Fre)**

[Assessment of the combined effects of mitomycin C with alpha-interferon or gamma-interferon by the clonogenic assay technique] Hirabayshi N, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1056-62 (Eng. Abstr.) **(Jpn)**

[Topical application of mitomycin C conjugated with dextran (MMC-D): a high molecular weight derivative of mitomycin C] Honda K, et al. **Gan To Kagaku Ryoho** 1985 Mar;12(3 Pt 1):530-5 (Eng. Abstr.) **(Jpn)**

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (2) Chemotherapeutic effects on a model hepatoma using VX-2 carcinoma in rabbits] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):258-64 (Eng. Abstr.) **(Jpn)**

[A fibrin clot containing of anticancer drug for intra-arterial chemo-embolization therapy. (1) Experimental study on basic characteristics in dogs] Itoh J, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):250-7 (Eng. Abstr.) **(Jpn)**

[Preoperative chemo-embolization for treatment of hepatocellular carcinoma] Okamura J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1019-24 (Eng. Abstr.) **(Jpn)**

[Enhancement of anti-cancer effect by increased injection pressure of a single shot in intra-arterial chemotherapy--the advantage of using noradrenaline in intra-arterial chemotherapy. An experimental study] Sato T, et al. **Gan To Kagaku Ryoho** 1985 Jul;12(7):1510-2 **(Jpn)**

[Randomized study of long-term adjuvant chemotherapy with Futraful and mitomycin C in gastric cancer. A second study (fourth report)] Taguchi T, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1833-9 (Eng. Abstr.) **(Jpn)**

[Effects of bronchial artery infusion (B-AI) with single use of MMC after intravenous peplomycin (PEP) administration in lung cancer] Yokoyama K, et al. **Gan To Kagaku Ryoho** 1985 Feb;12(2):265-9 (Eng. Abstr.) **(Jpn)**

[Inhibitory effects of aromatic retinoic acid analog, administered alone or in combination with mitomycin C, on the in vitro growth of rat bladder carcinoma cells] Fujita J, et al. **Hinyokika Kiyo** 1984 Nov;30(11):1627-31 (Eng. Abstr.) **(Jpn)**

[Effects of arterial chemotherapy in patients with hepatocellular carcinoma--alternate administration of mitomycin C and adriamycin] Hirai K, et al. **Nippon Gan Chiryo Gakkai Shi** 1984 Jul 20;19(6):1252-8 (Eng. Abstr.) **(Jpn)**

[Treatment of malignant renal tumor with intra-arterial administration of oily anticancer drugs] Konno S, et al. **Nippon Hinyokika Gakkai Zasshi** 1984 Dec;75(12):1874-82 (Eng. Abstr.) **(Jpn)**

[Characterization of human AFP producing stomach cancer xenotransplanted in nude mice and effect of a conjugate of MMC and antibody to human AFP on this tumor] Takahashi Y. **Nippon Shokakibyo Gakkai Zasshi** 1985 Jan; 82(1):18-27 (Eng. Abstr.) **(Jpn)**

ADVERSE EFFECTS

Combination chemotherapy with doxorubicin and mitomycin C in non-small cell bronchogenic carcinoma. Severe pulmonary toxicity from q 3 weekly mitomycin C. Doyle LA, et al. **Am J Clin Oncol** 1984 Dec;7(6):719-24

Erosive gastroduodenitis with marked epithelial atypia after hepatic arterial infusion chemotherapy. Jewell LD, et al. **Am J Gastroenterol** 1985 Jun;80(6):421-4

Gastroduodenal ulcerations in patients receiving selective hepatic artery infusion chemotherapy. Wells JJ, et al. **Am J Gastroenterol** 1985 Jun;80(6):425-9

Mitomycin-C nephrotoxicity: a clinico-pathologic study of 17 cases. Giroux L, et al. **Am J Kidney Dis** 1985 Jul; 6(1):28-39

Pulmonary angiomatoid vascular changes in mitomycin C-associated hemolytic-uremic syndrome. Chang-Poon VY, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):877-8

Mitomycin-induced hemolytic-uremic syndrome. Proia AD, et al. **Arch Pathol Lab Med** 1984 Dec;108(12):959-62

Mitomycin C and vindesine associated pulmonary toxicity with variable clinical expression. Luedke D, et al. **Cancer** 1985 Feb 1;55(3):542-5

Renal failure and hemolytic anemia associated with mitomycin C. A case report. Price TM, et al. **Cancer** 1985 Jan 1;55(1):51-6

Renal complications of mitomycin C therapy with special reference to the total dose. Valavaara R, et al. **Cancer** 1985 Jan 1;55(1):47-50

Recovery from mitomycin C-induced hemolytic uremic syndrome. A case report. Verwey J, et al. **Cancer** 1984 Dec 15;54(12):2878-81

Extensive tissue ulceration due to apparent sensitivity reactions to mitomycin. Bartkowski-Dodds L, et al. **Cancer Treat Rep** 1985 Jul-Aug;69(7-8):925-7

Effect of cyclophosphamide on the mitomycin-induced syndrome of thrombotic thrombocytopenic purpura [letter] Hug V, et al. **Cancer Treat Rep** 1985 May;69(5):565-6

Carcinoma-associated hemolytic-uremic syndrome: a complication of mitomycin C chemotherapy. Cantrell JE Jr, et al. **J Clin Oncol** 1985 May;3(5):723-34

Mitomycin C extravasation ulcers. Khanna AK, et al. **J Surg Oncol** 1985 Feb;28(2):108-10

The influence of family history of cancer, irradiation and anticancer medication (mitomycin C), on the occurrence of multiple primary neoplasms with breast cancer--statistical analysis by the person-year method. Yoshimoto M, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:191-9

[Nephrotoxicity of mitomycin C (apropos of 25 case reports). Results of a multicenter survey organized by the Society of Nephrology] Cordonnier D, et al. **Nephrologie** 1985; 6(1):19-26 (Eng. Abstr.) **(Fre)**

[Pneumo-renal syndrome with thrombotic microangiopathy after treatment with mitomycin (letter)] Larregain Fournier D, et al. **Presse Med** 1985 Apr 13;14(15):842 **(Fre)**

BIOSYNTHESIS

Production of mitomycin C and porfiromycin by Streptomyces species. Mandwal AK, et al. **J Nat Prod** 1985 Mar-Apr;48(2):334

CHEMICAL SYNTHESIS

Conjugates of mitomycin C with the immunoglobulin M monomer fragment of a monoclonal anti-MM46 immunoglobulin M antibody with or without serum albumin as intermediary. Umemoto N, et al. **J Appl Biochem** 1984 Oct-Dec;6(5-6):297-307

Synthesis and biological activity of 6-substituted mitosene analogues of the mitomycins. Casner ML, et al. **J Med Chem** 1985 Jul;28(7):921-6

DIAGNOSTIC USE

[Use of a test exposing lymphocytes to mitomycin C in the diagnosis of Fanconi's anemia] Frias S, et al. **Rev Invest Clin** 1984 Jul-Sep;36(3):219-24 (Eng. Abstr.) **(Spa)**

METABOLISM

DNA strand scission by enzymatically reduced mitomycin C: evidence for participation of the hydroxyl radical in the DNA damage. Hamana K, et al. **Biochem Int** 1985 Feb; 10(2):301-9

Effects of glutathione and ethylxanthate on mitomycin C activation by isolated rat hepatic or EMT6 mouse mammary tumor nuclei. Kennedy KA, et al. **Cancer Res** 1985 Sep;45(9):4071-6

Role of NADPH:cytochrome c reductase and DT-diaphorase in the biotransformation of mitomycin C1. Keyes SR, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5638-43

Disposition and pharmacokinetics of a polymeric prodrug of mitomycin C, mitomycin C-dextran conjugate, in the rat. Hashida M, et al. **Drug Metab Dispos** 1984 Jul-Aug; 12(4):492-9

Reactions of the semiquinone free radicals of anti-tumour agents with oxygen and iron complexes. Butler J, et al. **FEBS Lett** 1985 Mar 11;182(1):95-8

Antitumor activity and pharmacokinetics of 7-N-(p-hydroxyphenyl)mitomycin C in human tumor xenografts transplanted into nude mice. Asanuma F. **J Antibiot (Tokyo)** 1985 Mar;38(3):401-10

Absorption characteristics of the lipophilic prodrug of mitomycin C from injected liposomes or an emulsion. Sasaki H, et al. **J Pharm Pharmacol** 1985 Jul;37(7):461-5

Pharmacokinetics of mitomycin C in dogs: application of a high-performance liquid chromatographic assay. Barbhaiya RH, et al. **J Pharm Sci** 1984 Sep;73(9):1220-3

[Tissue concentration of MMC by intra-arterial chemotherapy. Experimental study] Sato T. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1883-4 **(Jpn)**

PHARMACODYNAMICS

Stability of mitomycin admixtures. Quebbeman EJ, et al. **Am J Hosp Pharm** 1985 Aug;42(8):1750-4

Acholeplasma laidlawii retains sensitivity to exogenous virus while releasing endogenous, mitomycin C induced, virus. Brief report. Liss A, et al. **Arch Virol** 1985;85(1-2):165-70

Sensitivity of mitomycin C and nitrogen mustard crosslinks to extreme alkaline conditions. Gruenert DC, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):549-54

Effects of mitomycin C on metabolism in a rat liver preparation. Kimpel DL, et al. **Biochem Pharmacol** 1984 Nov 1;33(21):3479-84

Importance of Fe2+-ADP and the relative unimportance of OH in the mechanism of mitomycin C-induced lipid peroxidation. Nakano H, et al. **Biochim Biophys Acta** 1984 Dec 6;796(3):285-93

Effects of intravesical instillation of antitumor chemotherapeutic agents on bladder carcinogenesis in rats treated with N-butyl-N-(4-hydroxybutyl)nitrosamine. Ohtani M, et al. **Cancer** 1984 Oct 15;54(8):1525-9

Spontaneous and induced sister chromatid exchange frequencies and cell cycle progression in lymphocytes of patients with carcinoma of the uterine cervix. Adhvaryu SG, et al. **Cancer Genet Cytogenet** 1985 Jan 1;14(1-2):67-72

Interactions of mitomycin C with mammalian DNA detected by alkaline elution. Dorr RT, et al. **Cancer Res** 1985 Aug; 45(8):3510-6

pH dependence of mitomycin C-induced cross-linking activity in EMT6 tumor cells. Kennedy KA, et al. **Cancer Res** 1985 Aug;45(8):3541-7

Porfiromycin as a bioreductive alkylating agent with selective toxicity to hypoxic EMT6 tumor cells in vivo and in vitro. Keyes SR, et al. **Cancer Res** 1985 Aug; 45(8):3642-5

Occurrence of cytosolic protein and phosphoprotein changes in human colon tumor cells with the development of resistance to mitomycin C. Taylor CW, et al. **Cancer Res** 1985 Sep;45(9):4422-7

Mitomycin C-treated or irradiated concanavalin A-activated T cells augment the activation of cytotoxic T cells in vivo. Moyers C, et al. **Cell Immunol** 1984 Oct 1;88(1):123-8

Persistence of DNA lesions and the cytological cancellation of sister chromatid exchanges. Schvartzman JB, et al. **Chromosoma** 1985;92(1):7-10

Capacity of small B cell-enriched populations to stimulate mixed lymphocyte reactions: marked differences between irradiated vs. mitomycin C-treated stimulators. Webb SR, et al. **Eur J Immunol** 1985 Jan;15(1):92-6

Induction of sister chromatid exchanges by mitomycin C in lymphocytes of young and old human donors. Musilová J, et al. **Gerontology** 1984;30(6):365-70

Fanconi anaemia cells are not uniformly deficient in unhooking of DNA interstrand crosslinks, induced by mitomycin C or 8-methoxypsoralen plus UVA. Poll EH, et al. **Hum Genet** 1984;68(3):228-34

Mitomycin C-induced mosaicism in C-band regions of human chromosomes 1, 9, 16, and Y. Simi S. **Hum Genet** 1985;70(3):243-5

The effect of inhibitors of macromolecular synthesis on neutrophil-mediated antibody-dependent cellular cytotoxicity: exacerbation by mitomycin C. Dale MM, et al. **Int J Immunopharmacol** 1984;6(4):279-85

Mitomycin-induced lethality of Escherichia coli cells containing the ColE1 Plasmid: involvement of the kil gene. Zhang SP, et al. **J Bacteriol** 1985 Jul;163(1):174-9

Changes in ATP concentration in Escherichia coli during induction of the SOS system by mitomycin C and bleomycin. Guerrero R, et al. **J Gen Microbiol** 1984 Sep; 130 (Pt 9):2247-51

Evaluation of PSK, an antitumor protein-bound polysaccharides, by thymocyte electrophoresis. Iwaguchi T, et al. **J Pharmacobiodyn** 1984 Sep;7(9):677-80

Growth-inhibition of leukemia L-1210 ascites tumor by combination of carrageenan and mitomycin C in vivo. Matsumoto T, et al. **J Pharmacobiodyn** 1984 Jul;7(7):465-71

Hypersensitivity of thymidine kinase-deficient Friend leukaemia cells to the induction of cytogenetic aberrations by mitomycin C. McKenna PG, et al. **Leuk Res** 1985; 9(4):501-6

Mitomycin C effects on cell cycle progression, including inhibition of very late prophase, as seen in living neuroblasts of Chortophaga viridifasciata, with some observations on mitomycin C purity. Gaulden ME, et al. **Mutat Res** 1985 Mar;149(1):41-50

Drug synergism or antagonism in the induction of diploid meiotic products in Saccharomyces cerevisiae. Sora S, et al. **Mutat Res** 1984 Nov-Dec;141(3-4):161-4

Ultraviolet light and mitomycin C induced sister-chromatid exchanges in fibroblasts from patients with retinoblastoma.

Takabayashi T, et al. **Mutat Res** 1984 Oct;141(2):101-4

Sequence-specific DNA damage induced by reduced mitomycin C and 7-N-(p-hydroxyphenyl)mitomycin C. Ueda K, et al. **Nucleic Acids Res** 1984 Sep 11; 12(17):6673-83

[Comparison of the cytotoxic effect of fresh garlic, diallyl trisulfide, 5-fluorouracil (5-FU), mitomycin C (MMC) and Cis-DDP on two lines of gastric cancer cells] Pan XY. **Chung Hua Chung Liu Tsa Chih** 1985 Mar;7(2):103-5 (Eng. Abstr.) **(Chi)**

[Effect of gamma-ray irradiation, DNA and protein synthesis inhibitors on the generation of soluble suppressor factors by mononuclear leukocytes] Shen HD, et al. **Chung Hua Min Kuo Wei Sheng Wu Chi Mien I Hsueh Tsa Chih** 1983 Sep;16(3):207-13 (Eng. Abstr.) **(Chi)**

[Comparison of human tumor clonogenic and nude mouse-isotope assays in anticancer-agent sensitivity tests] Hirabayashi N, et al. **Gan To Kagaku Ryoho** 1985 Sep; 12(9):1808-12 (Eng. Abstr.) **(Jpn)**

[Fluctuations of cancer tissue cell proteins determined by two-dimensional electrophoresis before and after antineoplastic agent administration--indices of the efficacy of antineoplastic agents] Takahashi T, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1158-9 **(Jpn)**

[Chemosensitivity to mitomycin C and cell kinetics of human tumor xenografts serially transplanted into nude mice] Nakada M. **Nippon Geka Gakkai Zasshi** 1984 Jul; 85(7):694-704 (Eng. Abstr.) **(Jpn)**

THERAPEUTIC USE

Mitomycin and fluorouracil with concomitant radiotherapy in head and neck cancer. Kaplan MJ, et al. **Arch Otolaryngol** 1985 Apr;111(4):220-2

Intravesical mitomycin C therapy for superficial bladder cancer. Report of a multicentre phase II study. MacFarlane JR, et al. **Br J Urol** 1985 Feb;57(1):37-9

Choosing the right intravesical chemotherapeutic agent. Results of an in vitro monolayer cell culture assay. Whelan P, et al. **Br J Urol** 1984 Dec;56(6):655-7

Mitomycin-C plus metronidazole in advanced carcinoma of the breast. Stewart DJ, et al. **Breast Cancer Res Treat** 1985; 5(2):189-94

Enhancement of mitomycin C cytotoxicity to hypoxic tumor cells by dicoumarol in vivo and in vitro. Keyes SR, et al. **Cancer Res** 1985 Jan;45(1):213-6

Phase II trial of mitomycin-C in patients with small cell carcinoma of the lung after failure on combination chemotherapy. Joss RA, et al. **Eur J Cancer Clin Oncol** 1984 Dec;20(12):1477-9

Mitomycin C (MCC) in advanced soft tissue sarcoma: a phase II study of the EORTC Soft Tissue and Bone Sarcoma Group. van Oosterom AT, et al. **Eur J Cancer Clin Oncol** 1985 Apr;21(4):459-61

Sequential changes in nuclear DNA content by chemotherapy observed in experimental canine gastric cancer. Ochi K, et al. **Gastroenterol Jpn** 1984 Dec; 19(6):563-6

The effect of mitomycin C treatment of infected erythrocytes on infection with Babesia microti and Babesia rodhaini in mice. Meeusen E, et al. **Int J Parasitol** 1985 Feb;15(1):65-9

Combination therapy with misonidazole and mitomycin C: lack of chemosensitization of EMT6 tumor cells in vivo or in vitro. Rockwell S. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1631-4

Concurrent radiation, mitomycin C and 5-fluorouracil in poor prognosis carcinoma of cervix: preliminary results of a phase I-II study. Thomas G, et al. **Int J Radiat Oncol Biol Phys** 1984 Sep;10(9):1785-90

Phase I study of 7-N-(p-hydroxyphenyl)-mitomycin C. Meguro S, et al. **Invest New Drugs** 1984;2(4):381-5

Phase II study of vincristine, mitomycin-C and mitoxantrone in advanced breast cancer: a preliminary report of response and toxicity. Perren TJ, et al. **Invest New Drugs** 1985; 3(2):173-7

Enhanced antitumor activity of mitomycin C conjugated with anti-alpha-fetoprotein antibody by a novel method of conjugation. Kato Y, et al. **J Appl Biochem** 1983 Aug-Oct;5(4-5):313-9

Mitomycin: ten years after approval for marketing. Doll DC, et al. **J Clin Oncol** 1985 Feb;3(2):276-86

Pelvic intra-arterial mitomycin C infusion in previously treated patients with metastatic, unresectable, pelvic colorectal cancer and angiographic determination of tumor vascularity. Tseng MH, et al. **J Clin Oncol** 1985 Aug; 3(8):1093-100

In vivo efficacy and ultrastructural effects of mitomycin C against experimental alveolar hydatid disease. Marchiondo AA, et al. **J Helminthol** 1985 Mar;59(1):29-38

Phase II study of 7-N-(p-hydroxyphenyl)-mitomycin C (KW2083) in patients with advanced non-small cell carcinoma of the lung and metastatic pulmonary tumors. Shinkai T, et al. **Jpn J Clin Oncol** 1985 Mar;15(1):61-5

Proteinuria after intravesical chemotherapy. Cooper EH, et al. **Prog Clin Biol Res** 1985;185B:167-71

Mitomycin C therapy in superficial bladder cancer. Denis L, et al. **Prog Clin Biol Res** 1985;185B:113-22 (21 ref.)

Therapeutic use of mitomycin C in bladder cancer. Denis L. **Prog Clin Biol Res** 1984;162B:113-22 (26 ref.)

EORTC Phase II chemotherapy studies in prostate cancer. Jones WG. **Prog Clin Biol Res** 1985;185A:435-45

Plasma levels during intravesical instillation of mitomycin-C. Kurth KH, et al. **Prog Clin Biol Res** 1985;185B:81-93

Mitomycin-C induced improvement in superficial bladder tumors: a morphologic and immunohistochemical evaluation. Strobel SL, et al. **Urol Res** 1985;13(2):51-4

Squamous cell cancer of female urethra. Successful treatment with chemoradiotherapy. Shah AB, et al. **Urology** 1985 Mar;25(3):284-6

[Local mitomycin-C therapy of infiltrating bladder cancer] Erdmann WD, et al. **Fortschr Med** 1984 Aug 16; 102(29-30):767-71 (Eng. Abstr.) **(Ger)**

[Bronchial arterial cytostatic perfusion of bronchial cancer] Schulz V, et al. **Prax Klin Pneumol** 1984 Aug;38(8):356-65 (Eng. Abstr.) **(Ger)**

[Influence of family history, irradiation and anti-cancer drug (mitomycin C) on the occurrence of multiple primary neoplasms in breast carcinoma patients] Yoshimoto M, et al. **Gan No Rinsho** 1984 Sep;30(11):1361-8 (Eng. Abstr.) **(Jpn)**

[Experimental hyperthermo-chemotherapy for human gastric carcinoma transplanted in the nude mice] Fujimoto S, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 2):2724-8 (Eng. Abstr.) **(Jpn)**

[Phase II study of KW 2083 [7-N-(p-hydroxyphenyl)-mitomycin C] in patients with various cancers] Nishi I, et al. **Gan To Kagaku Ryoho** 1984 Dec;11(12 Pt 1):2513-9 (Eng. Abstr.) **(Jpn)**

[A clinical trial of a new mitomycin C derivative, KW-2083 (7-N-(p-hydroxyphenyl)-mitomycin C)] Takahashi K, et al. **Gan To Kagaku Ryoho** 1985 Sep;12(9):1787-93 (Eng. Abstr.) **(Jpn)**

[Effect of KW-2083 in Stage D adenocarcinoma of the prostate] Yoshimoto J, et al. **Gan To Kagaku Ryoho** 1985 May;12(5):1156-7 **(Jpn)**

[Effects of in vivo hyperthermo-chemotherapeutic perfusion of the normal and regenerating liver on the aminopyrine breath test in the rats] Miyazaki M, et al. **Nippon Shokakibyo Gakkai Zasshi** 1985 Feb;82(2):255-60 (Eng. Abstr.) **(Jpn)**

TOXICITY

The DNA repair host-mediated assay as a rapid and sensitive in vivo procedure for the determination of genotoxic factors present in various organs of mice. Some preliminary results with mitomycin C. Mohn GR. **Arch Toxicol** 1984 Oct;55(4):268-71

Antitumor activity and toxicity in animals of RR-150 (7-cysteaminomitosane), a new mitomycin derivative. Bradner WT, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5619-23

Mitomycin C resistance in a human colon carcinoma cell line associated with cell surface protein alterations. Willson JK, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5880-5

Two-step cell-death kinetics in vitro during cis-platinum, hydroxyurea and mitomycin incubation. Böhmer RM. **Cell Tissue Kinet** 1984 Nov;17(6):593-600

Hematologic toxicity of mitomycin-C (MMC) administered every three weeks in combination schedules. Jirillo A, et al. **Haematologica (Pavia)** 1985 Jan-Feb;70(1):80-1

Effects of mitomycin on human colon carcinoma cells. Long BH, et al. **JNCI** 1984 Oct;73(4):787-92

Effect of the homokaryotic or heterokaryotic state of the uvs-2 allele in Neurospora crassa on mitomycin C-induced killing and ad-3 mutation. Brockman HE, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):193-202

Ultraviolet-light exposure induces a heritable sensitivity to the induction of SCE by mitomycin-C. Kim JP, et al. **Mutat Res** 1985 May;149(3):437-42

Differential response to mitomycin-C- and cis-diamminedichloroplatinum(II)-induced damage in normal human fibroblasts during confluent holding. Poll EH, et al. **Mutat Res** 1985 Jan-Mar;145(1-2):77-80

Some observations on the localization of mitomycin C-induced aberrations in human lymphocytes. Savage JR, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):307-12

Induction of 6-thioguanine-resistant mutants and SCEs by 3 chemical mutagens (EMS, ENU and MMC) in cultured human blood lymphocytes. Vijayalaxmi, et al. **Mutat Res** 1984 Nov;129(2):283-9

A loss of uvrA function decreases the induction of the SOS functions recA and umuC by mitomycin C in Escherichia coli. Yamamoto K, et al. **Mutat Res** 1985 May; 149(3):297-302

Pattern of Schwann cell remyelination in a spinal cord lesion. Harrison BM, et al. **Neurosci Lett** 1984 Dec 21;52(3):275-80

[Evaluation of the mutagenic properties of mitomycin C by the sister chromatid exchange test in human blood lymphocytes in vitro] Bajerska A, et al. **Med Pr** 1984; 35(3):195-200 (Eng. Abstr.) **(Pol)**

MITOSIS

Oral leukoplakia: nuclear volume and mitotic index. Rodriguez-Pérez I, et al. **Acta Morphol Hung** 1984; 32(3-4):245-9

Tumor-bearing depresses distant mast-cell-mediated mitogenesis. Norrby K. **Acta Pathol Microbiol Immunol Scand [A]** 1984 Nov; 92(6):395-400

Endothelial mitosis during the initial stages of corpus luteum neovascularization in the cycling adult rat. Gaede SD, et al. **Am J Anat** 1985 Feb;172(2):173-80

Cell degeneration and mitosis in the buccopharyngeal and branchial membranes in the mouse embryo. Poelmann RE, et al. **Anat Embryol (Berl)** 1985;171(2):187-92

Mitotic variations of the stem cell and its renewal in the Chinese hamster Cricetulus griseus during spermatogenesis: a morphological study. Athanassiou V. **Arch Androl** 1984; 13(1):15-26

G1- and S-phase syntheses of histones H1 and H1o in mitotically selected CHO cells: utilization of high-performance liquid chromatography. D'Anna JA, et al. **Biochemistry** 1985 Apr 9;24(8):2005-10

Immunolocalization of the 100 kDa nucleolar protein during the mitotic cycle in CHO cells. Gas N, et al. **Biol Cell** 1985;53(3):209-18

Cellular compartments in mitotic cells: ultrahistochemical identification of Golgi elements in PtK-1 cells. Schroeter D, et al. **Biol Cell** 1985;53(2):155-63

The validity of the labelling index in tumour studies. Hamilton E, et al. **Br J Cancer** 1985 Jan;51(1):15-21

Stimulated mitotic counts in the non-lesional skin of patients with psoriasis and controls. Rico MJ, et al. **Br J Dermatol** 1985 Aug;113(2):185-8

Fibroblasts from patients with myotonic muscular dystrophy: cholesterol requirement for proliferation and sensitivity to polyene antibiotics. Ohno K, et al. **Brain Dev** 1984; 6(6):566-70

The efficacy of direct, 24-hour culture, and mitotic synchronization methods for cytogenetic analysis of bone marrow in neoplastic hematologic disorders. Dewald GW, et al. **Cancer Genet Cytogenet** 1985 Sep;18(1):1-10

X chromatin, endomitoses, and mitotic abnormalities in human cervical cancer. Therman E, et al. **Cancer Genet Cytogenet** 1985 Mar 1;16(1):1-11

Mitotic stability of yeast chromosomes: a colony color assay that measures nondisjunction and chromosome loss. Hieter P, et al. **Cell** 1985 Feb;40(2):381-92

DNA topoisomerase II is required at the time of mitosis in yeast. Holm C, et al. **Cell** 1985 Jun;41(2):553-63

Genetic analysis of the mitotic transmission of minichromosomes. Koshland D, et al. **Cell** 1985 Feb; 40(2):393-403

Induction of early mitotic events in a cell-free system. Miake-Lye R, et al. **Cell** 1985 May;41(1):165-75

A cell division mutant of Drosophila with a functionally abnormal spindle. Ripoll P, et al. **Cell** 1985 Jul;41(3):907-12

Analysis of transferrin recycling in mitotic and interphase HeLa cells by quantitative fluorescence microscopy. Sager PR, et al. **Cell** 1984 Dec;39(2 Pt 1):275-82

CA++ in fertilization and mitosis: the phosphatidylinositol cycle in sea urchin gametes and zygotes is involved in control of fertilization and mitosis. Sillers PJ, et al. **Cell Biol Int Rep** 1985 Mar;9(3):275-82

Cell division: mitosis and meiosis in eukaryotes. Izutsu K, et al. **Cell Struct Funct** 1984 Jul;9 Suppl:s73-9 (58 ref.)

Cell kinetic studies in the epidermis of mouse. III. The percent labelled mitosis (PLM) technique. Potten CS, et al. **Cell Tissue Kinet** 1985 Jan;18(1):59-70

Mitotic activity of schwannomas. Pesce CM, et al. **Clin Neuropathol** 1984 Jul-Aug;3(4):153-4

Recycling of transferrin receptors in A431 cells is inhibited during mitosis. Warren G, et al. **EMBO J** 1984 Oct; 3(10):2217-25

The myc proteins are not associated with chromatin in mitotic cells. Winqvist R, et al. **EMBO J** 1984 Dec 1; 3(12):2947-50

Immunofluorescent localisation of cytokeratin antigens in mitotic HeLa cells using monoclonal antibodies. Turner BM, et al. **Eur J Cell Biol** 1985 Jan;36(1):48-57

Fluctuations in S-adenosyl-L-methionine (AdoMet) during mitotic cycle of the myxomycete Physarum polycephalum. Englert W, et al. **Exp Cell Res** 1985 Jul;159(1):247-51

Transient change of organization of vimentin filaments during mitosis as demonstrated by a monoclonal antibody. Franke WW, et al. **Exp Cell Res** 1984 Oct;154(2):567-80

Proliferative heterogeneity of vascular smooth muscle cells and its alteration by injury. Haudenschild CC, et al. **Exp Cell Res** 1985 Apr;157(2):364-70

Localization and structure of snRNPs during mitosis. Immunofluorescent and biochemical studies. Reuter R, et al. **Exp Cell Res** 1985 Jul;159(1):63-79

Spontaneous IR duplications generated at mitosis in Aspergillus nidulans: further evidence of a preferential site of transposed attachment. Daud F, et al. **Genetics** 1985 Jun; 110(2):229-45

Rad52-independent mitotic gene conversion in Saccharomyces cerevisiae frequently results in chromosomal loss. Haber JE, et al. **Genetics** 1985 Sep; 111(1):7-22

Simultaneous high resolution localization of Ag-NOR proteins and nucleoproteins in interphasic and mitotic nuclei. Ploton D, et al. **Histochem J** 1984 Aug; 16(8):897-906

Magnification and mitosis counts [letter] **Histopathology** 1984 Nov;8(6):1085-6

Syrian hamster lymphocyte cytogenetic technique and effects of blood storage on mitotic index. Cady DA, et al. **In Vitro Cell Dev Biol** 1985 Jun;21(6):358-60

Sister chromatid exchange and mitotic index of cultured lymphocytes in patients with measles. Pandita TK, et al. **Indian J Pediatr** 1984 Mar-Apr;51(409):145-7

Repair of DNA double-strand breaks in colcemid-arrested mitotic Chinese hamster cells. Rydberg B. **Int J Radiat Biol** 1984 Sep;46(3):299-304

Membranes in the mitotic apparatus: their structure and function. Hepler PK, et al. **Int Rev Cytol** 1984;90:169–238 (137 ref.)

The fate of heterogeneous nuclear ribonucleoprotein complexes during mitosis. Lahiri DK, et al. **J Biol Chem** 1985 Jan 10;260(1):598–603

Phosphorylation of the nuclear lamins during interphase and mitosis. Ottaviano Y, et al. **J Biol Chem** 1985 Jan 10; 260(1):624–32

Synthesis of unique low molecular weight proteins during late G2 and mitosis. Westwood JT, et al. **J Biol Chem** 1985 Jan 25;260(2):695–8

Localization of topoisomerase II in mitotic chromosomes. Earnshaw WC, et al. **J Cell Biol** 1985 May;100(5):1716–25

Topoisomerase II is a structural component of mitotic chromosome scaffolds. Earnshaw WC, et al. **J Cell Biol** 1985 May;100(5):1706–15

An immunological approach to enrich a mitotic stimulator and to reveal G2-phase-specific proteins in Physarum polycephalum. Gröbner P, et al. **J Cell Biol** 1985 Jun; 100(6):1930–3

Calcium restriction prolongs metaphase in dividing Tradescantia stamen hair cells. Hepler PK. **J Cell Biol** 1985 May;100(5):1363–8

The organizational fate of intermediate filament networks in two epithelial cell types during mitosis. Jones JC, et al. **J Cell Biol** 1985 Jan;100(1):93–102

Glycosaminoglycan synthesis is depressed during mitosis and elevated during early G1. Preston SF, et al. **J Cell Biol** 1985 Sep;101(3):1086–93

Characterization and immunocytochemical distribution of calmodulin in higher plant endosperm cells: localization in the mitotic apparatus. Vantard M, et al. **J Cell Biol** 1985 Aug;101(2):488–99

Simultaneous ultrastructural localization of Ag-NOR (nucleolar organizer region) proteins and ribonucleoproteins during mitosis, in human breast cancerous tissues. Ploton D, et al. **J Cell Sci** 1985 Mar; 74:239–56

Three-dimensional behaviour of mitochondria during cell division and germ tube formation in the dimorphic yeast Candida albicans. Tanaka K, et al. **J Cell Sci** 1985 Feb; 73:207–20

Disturbed mitotic processes of stroma cells in a patient with tuberous sclerosis. Ishibashi Y, et al. **J Dermatol (Tokyo)** 1984 Jun;11(3):236–52

Repeated furrow formation from a single mitotic apparatus in cylindrical sand dollar eggs. Rappaport R. **J Exp Zool** 1985 Apr;234(1):167–71

Distribution of calcium during interphase and mitosis as observed by ion microscopy. Chandra S, et al. **J Histochem Cytochem** 1984 Nov;32(11):1224–30

Mitotic-cyclic and cycle-independent growth of cardiomyocytes. Brodsky WY, et al. **J Mol Cell Cardiol** 1985 May;17(5):445–55

Adhesion of axolemmal fragments to Schwann cells: a signal- and target-specific process closely linked to axolemmal induction of Schwann cell mitosis. Sobue G, et al. **J Neurosci** 1985 Feb;5(2):379–87

Intramitotic variation in proliferative potential: stochastic events in cellular aging. Jones RB, et al. **Mech Ageing Dev** 1985 Feb;29(2):143–9

Decreased protein synthesis of transforming lymphocytes from aged humans: relationship to impaired mitogenesis with age. Tollefsbol TO, et al. **Mech Ageing Dev** 1985 Apr; 30(1):53–62

Gene conversion at different points in the mitotic cycle of Saccharomyces cerevisiae. Fabre F, et al. **MGG** 1984; 195(1–2):139–43

Structure and mitotic stability of minichromosomes originating in yeast cells transformed with tandem dimers of CEN11 plasmids. Oertel W, et al. **MGG** 1984; 195(1–2):300–7

Tumor growth kinetics. Norton L. **Mt Sinai J Med (NY)** 1985 Mar;52(3):161–4

Correlation between unscheduled DNA synthesis and chromosome condensation in mitoses from human lymphocytes. Mondello C, et al. **Mutat Res** 1985 Jan–Feb; 142(1–2):45–8

Local cytoplasmic calcium gradients in living mitotic cells. Keith CH, et al. **Nature** 1985 Aug 29–Sep 4; 316(6031):848–50

Platelet-derived growth factor induces rapid but transient expression of the c-fos gene and protein. Kruijer W, et al. **Nature** 1984 Dec 20–1985 Jan 2;312(5996):711–6

Evidence for mitosis in the adult corneal endothelium. Laing RA, et al. **Ophthalmology** 1984 Oct;91(10):1129–34

Target polypeptide of a carcinogen is associated with normal mitosis and carcinogen-induced hyperplasias in adult hepatocytes. Custer RP, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6738–42

Intracellular free calcium levels are reduced in mitotic Pt K2 epithelial cells. Keith CH, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(3):800–4

Microtubule configurations during fertilization, mitosis, and early development in the mouse and the requirement for egg microtubule-mediated motility during mammalian fertilization. Schatten G, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4152–6

Caenorhabditis elegans DNA that directs segregation in yeast cells. Stinchcomb DT, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4167–71

A simplified procedure for the observation in situ of chromosome aberrations or sister chromatid exchanges and the estimation of the mitotic index in mammalian monolayer cell cultures. Sideris EG, et al. **Stain Technol** 1984 Jul; 59(4):187–92

Chromosome condensation and decondensation factors in the life cycle of eukaryotic cells. Rao PN, et al. **Symp Fundam Cancer Res** 1984;37:45–69

A stathmokinetic study on the ruminal epithelium of sheep. Ohwada S, et al. **Vet Res Commun** 1984 Aug;8(3):203–9

Circadian variation in mitotic influx in a keratinized epithelium. The stathmokinetic technique used in vivo on the hamster cheek pouch epithelium and analyzed by periodic regression analysis. Møller U, et al. **Virchows Arch [Cell Pathol]** 1985;48(2):119–33

[Macrophage function of the thymus during karyoklastic shock] Dourov N, et al. **Rev Med Brux** 1985 Apr;6(4):231–4 (Eng. Abstr.) **(Fre)**

[Relation between variance and the arithmetic mean in frequency distributions under conditions of stochastic dependence] Mitolo V, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1133–9 (Eng. Abstr.) **(Ita)**

[Control of growth and cell differentiation by hormone-like tissue factors] Inglot AD. **Postepy Biochem** 1984; 30(1–2):5–7 **(Pol)**

[Mitotic rate in hyperplasia and cancer of the endometrium] Polishchuk LZ, et al. **Akush Ginekol (Mosk)** 1984 Nov; (11):26–9 (Eng. Abstr.) **(Rus)**

[Pathology of mitosis in clinical oncomorphology] Kraevskii NA, et al. **Arkh Patol** 1984;46(11):16–22 (Eng. Abstr.) **(Rus)**

[Diurnal rhythm of mitoses in the corneal epithelium of common voles] Baranauskas KS. **Biull Eksp Biol Med** 1985 Mar;99(3):342–4 (Eng. Abstr.) **(Rus)**

[Effect of adaptation to high-altitude conditions on the circadian rhythm of the epithelial mitotic activity in the convoluted kidney tubules in white rats] Sharipov FKh. **Biull Eksp Biol Med** 1985 Aug;100(8):245–7 (Eng. Abstr.) **(Rus)**

[Duration of the mitotic cycle periods of lymphoid cells from the respiratory organs and the effect of the intranasal administration of gamma-globulin] Syrtsov VK. **Tsitol Genet** 1984 Nov–Dec;18(6):412–6 (Eng. Abstr.) **(Rus)**

[Calculation of the duration of mitosis for a population with an exponential growth of the cell number] Gushchin VA. **Tsitologiia** 1985 Jan;27(1):107–14 (Eng. Abstr.) **(Rus)**

[Individual and age-related characteristics of the mitotic condensation of human Y chromosome] Kovaleva NV, et al. **Tsitologiia** 1985 Feb;27(2):171–7 (Eng. Abstr.) **(Rus)**

[Relation between the proliferative activity of cancer of the endometrium and the content of endocrine cells in its parenchyma] Lomakina II, et al. **Vopr Onkol** 1985; 31(8):61–7 (Eng. Abstr.) **(Rus)**

DRUG EFFECTS

Jejunal mucosa after leukemia treatment in children. Increase of crypt mitotic activity, decrease of intraepithelial lymphocytes and IgA-cells. Perkkiö M, et al. **Acta Paediatr Scand** 1984 Sep;73(5):680–4

Effect of cadmium and colcemide on the mitoses of a human epithelial cell line with high content of cytoplasmic metallothionein. Bakka A, et al. **Acta Pharmacol Toxicol (Copenh)** 1984 Sep;55(3):242–6

The effects of antimitotic and microfilament disrupting agents on functions of isolated guinea-pig parietal cells. Albinus M, et al. **Agents Actions** 1985 Apr;16(3–4):199–201

Metaphase arrest, anaphase recovery and aneuploidy induction in cultured Chinese hamster cells following exposure to mitotic arrestants. Satya-Prakash KL, et al. **Anticancer Res** 1984 Nov–Dec;4(6):351–6

Effect of zinc pyrithione on mitotic activity in normal human skin. Pearse AD, et al. **Arch Dermatol Res** 1985; 277(2):118–20

Receptor-mediated mitogenic effects of substance P on cultured smooth muscle cells. Payan DG. **Biochem Biophys Res Commun** 1985 Jul 16;130(1):104–9

Effects of an antimitotic agent (cyclophosphamide) on plasma lipoproteins. Loudet AM, et al. **Biochem Pharmacol** 1984 Oct 1;33(19):2961–5

Effects of 1,2-dimethylhydrazine on the number of epithelial cells present in the villi, crypts, and mitotic pool along the rat small intestine. Altmann GG, et al. **Cancer Res** 1984 Dec;44(12 Pt 1):5522–31

4,6-Benzylidene-D-glucose, a benzaldehyde derivative that inhibits protein synthesis but not mitosis of NHIK 3025 cells. Pettersen EO, et al. **Cancer Res** 1985 May; 45(5):2085–91

Vindesine as a stathmokinetic agent in human rectal tumours in organ culture. Pritchett CJ, et al. **Cell Tissue Kinet** 1985 May;18(3):273–7

Mitosis in the lens epithelium of the galactose-fed rat after prolactin treatment. Gona O, et al. **Curr Eye Res** 1985 Jan; 4(1):59–63

Ecdysteroids accelerate mitoses in accessory glands of beetle pupae. Szopa TM, et al. **Dev Biol** 1985 Feb;107(2):325–36

Hydrochloric acid. A trigger of cell proliferation in the esophagus of dogs. De Backer A, et al. **Dig Dis Sci** 1985 Sep;30(9):884–90

Enhancement of human growth hormone-stimulated mitogenesis of Nb2 node lymphoma cells by 12-O-tetradecanoyl-phorbol-13-acetate. Gertler A, et al. **Endocrinology** 1985 Apr;116(4):1636–44

Effects of alpha- and beta-adrenergic agonists on the mitotic activity of thyroid follicular cells in vivo and in vitro. Lewiński A, et al. **Endokrynol Pol** 1984;35(6):355–60

Inhibition of mitotic activity in rat thyroid by calcitonin. Pawlikowski M, et al. **Endokrynol Pol** 1984;35(6):349–54

The antiproliferative effect of rat hypothalamic extract. Pawlikowski M, et al. **Endokrynol Pol** 1984;35(3):139–43

Sucrose-induced spindle elongation in mitotic PtK-1 cells. Snyder JA, et al. **Eur J Cell Biol** 1984 Sep;35(1):62–9

Mitogenesis induced by calcium-containing crystals. Role of intracellular dissolution. Cheung HS, et al. **Exp Cell Res** 1985 Mar;157(1):63–70

The inhibition of lymphocyte mitogenesis by asparaginase: a still unexplained phenomenon. Kafkewitz D, et al. **Experientia** 1984 Nov 15;40(11):1173–7 (64 ref.)

Fragments of myelin basic protein derived from human brain are not mitogenic in cultures of human amniotic fluid cells and other cells. Addison GM, et al. **Horm Metab Res** 1984 Jun;16(6):311–4

The effect of progestins on the mitotic activity of uterine fibromyomas. Tiltman AJ. **Int J Gynecol Pathol** 1985; 4(2):89–96

Acting mechanisms of Lentinan in human--I. Augmentation of DNA synthesis and immunoglobulin production of peripheral mononuclear cells. Miyakoshi H, et al. **Int J Immunopharmacol** 1984;6(4):365–71

Mitogenic effect of endotoxin on lung and tolerance of rats to hyperoxia. Koizumi M, et al. **J Appl Physiol** 1985 Aug; 59(2):315–9

Biphasic effects of type beta transforming growth factor on epidermal growth factor receptors in NRK fibroblasts. Functional consequences for epidermal growth factor-stimulated mitosis. Assoian RK. **J Biol Chem** 1985 Aug 15;260(17):9613–7

sn-1,2-Dioctanoylglycerol. A cell-permeable diacylglycerol that mimics phorbol diester action on the epidermal growth factor receptor and mitogenesis. Davis RJ, et al. **J Biol Chem** 1985 Feb 10;260(3):1562–6

Cell-cycle-specific induction of quiescence achieved by limited inhibition of protein synthesis: counteractive effect of addition of purified growth factors. Larsson O, et al. **J Cell Sci** 1985 Feb;73:375–87

Mitosis and hypertrophy of intercalated duct cells and endothelial cells in the isoproterenol-treated rat parotid gland. Hand AR, et al. **J Dent Res** 1985 Aug;64(8):1031–8

Thyrotrophin stimulation of mitogenesis of the rat thyroid cell strain FRTL-5: a metaphase index assay for the detection of thyroid growth stimulators. Ealey PA, et al. **J Endocrinol** 1985 Aug;106(2):203–10

Antimitotic activity of strychnopentamine, a bisindolic alkaloid. Tits M, et al. **J Ethnopharmacol** 1984 Dec; 12(3):287–92

The promotion of mitosis in cultured thymic lymphocytes by acetylcholine and catecholamines. Morgan JI, et al. **J Pharm Pharmacol** 1984 Aug;36(8):511–5

Species-specific differences in toxicity of antimitotic agents toward cultured mammalian cells. Gupta RS. **JNCI** 1985 Jan;74(1):159–64

Structure-function studies with derivatives of 6-benzyl-1,3-benzodioxole, a new class of synthetic compounds which inhibit tubulin polymerization and mitosis. Batra JK, et al. **Mol Pharmacol** 1985 Jan; 27(1):94–102

Induction of somatic segregation by halogenated aliphatic hydrocarbons in Aspergillus nidulans. Crebelli R, et al. **Mutat Res** 1984 Oct;138(1):33–8

Effect of caffeine and adenosine on G2 repair: mitotic delay and chromosome damage. González-Fernández A, et al. **Mutat Res** 1985 Apr;149(2):275–81

In vivo and in vitro cytogenetic effects of the anti-tumor agent amsacrina (AMSA). Larripa I, et al. **Mutat Res** 1984 Oct;138(1):87–91

Cytogenetic effects of sulphadiazine and sulphaguanidine on mitotic cells of male mice. Murthy DK, et al. **Mutat Res** 1984 Nov–Dec;141(3–4):201–4

The observation of mitotic division aberrations in mammalian cells exposed to chemical and radiation treatments. Parry EM, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):369–81

Evaluation of genotoxic potential of vincristine from multiple parameters. Subramanyam S, et al. **Mutat Res** 1984 Oct; 138(1):55–62

The effect of caffeine on X-ray-induced mitotic delay in normal human and ataxia-telangiectasia fibroblasts. Zampetti-Bosseler F, et al. **Mutat Res** 1985 Aug; 143(4):251–6

Acetone, methyl ethyl ketone, ethyl acetate, acetonitrile and other polar aprotic solvents are strong inducers of aneuploidy in Saccharomyces cerevisiae. Zimmermann FK, et al. **Mutat Res** 1985 May;149(3):339–51

Genetic change may be caused by interference with protein-protein interactions. Zimmermann FK, et al. **Mutat Res** 1985 Jun–Jul;150(1–2):203–10

Changes in distribution of the phases of mitosis in human tumor xenografts following drug treatment. Siracký J, et al. **Neoplasma** 1984;31(5):539–44

Mitotic arrest in the developing CNS after prenatal exposure to methylmercury. Rodier PM, et al. **Neurobehav Toxicol Teratol** 1984 Sep–Oct;6(5):379–85

Acute effect of DMBA application on mitotic activity of hamster buccal pouch epithelium. Hassan MM, et al. **Oral Surg Oral Med Oral Pathol** 1985 May;59(5):491–8

Inhibition of epidermal growth factor-induced mitogenesis by amiloride and an analog: evidence against a requirement for Na+/H+ exchange. Besterman JM, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6762-6

Type beta transforming growth factor/growth inhibitor stimulates entry of monolayer cultures of AKR-2B cells into S phase after a prolonged prereplicative interval. Shipley GD, et al. **Proc Natl Acad Sci USA** 1985 Jun; 82(12):4147-51

Molecular and cellular mechanisms underlying ineffective cancer chemotherapy. Rajewsky MF, et al. **Recent Results Cancer Res** 1984;96:18-29

[Biological side-effects of potential antitubercular agents. VIII. Antimitotic activity of thiobenzamides substituted on the nitrogen thioamide function group or on the aromatic cycle in position 2] Bartoš F, et al. **Cesk Farm** 1985 May; 34(3-4):135-8 (Eng. Abstr.) **(Cze)**

[Effect of dithranol on epidermal proliferation by urea modification] Wohlrab W. **Dermatol Monatsschr** 1985; 171(2):85-90 (Eng. Abstr.) **(Ger)**

[Tissue proliferation by thrombocyte growth factor] Dresow B, et al. **Handchir Mikrochir Plast Chir** 1984 Dec; 16(4):251-3 (Eng. Abstr.) **(Ger)**

[Dynamics of nickel in the cell] Geppert H, et al. **Z Gesamte Hyg** 1984 Nov;30(11):601-2 (Eng. Abstr.) **(Ger)**

[Effect of cyclic nucleotides on the mitotic activity of dental anlage and alveolar bone cells in tissue culture] Leĭbur EE, et al. **Biull Eksp Biol Med** 1985 May;99(5):607-8 (Eng. Abstr.) **(Rus)**

[Stathmokinetic effect of cryoprotectors] Pankov EIa, et al. **Biull Eksp Biol Med** 1985 Mar;99(3):340-2 (Eng. Abstr.) **(Rus)**

[Study of the effect of different concentrations of a detergent on the chromatin structure of Physarum polycephalum during the mitotic cycle] Pavlov SB, et al. **Mol Biol (Mosk)** 1984 Nov-Dec;18(6):1461-5 (Eng. Abstr.) **(Rus)**

[Caffeine inactivation of mammalian cells in the S phase of the mitotic cycle due to anomalous replicon initiation during the inhibition of the elongation of replicating DNA] Filatov MV, et al. **Tsitologiia** 1984 Oct;26(10):1208-12 (Eng. Abstr.) **(Rus)**

RADIATION EFFECTS

No elevated cell surface charge at mitosis in X-ray-irradiated mammalian cells. Nishizawa K, et al. **Cell Struct Funct** 1985 Mar;10(1):71-8

Dark exposure inhibits the mitotic activity of thyroid follicular cells in male mice with intact pineal. Lewiński A, et al. **Experientia** 1984 Nov 15;40(11):1284-5

Analysis of non-linearities in frequency curves for UV-induced mitotic recombination in wild-type and excision-repair-deficient strains of yeast. Kunz BA, et al. **Mutat Res** 1985 Sep;151(2):235-42

[Effect of low-intensity laser radiation on the kinetics of cell proliferation in Ehrlich ascites tumor] Moskalik KG, et al. **Radiobiol Radiother (Berl)** 1984;25(6):863-70 (Eng. Abstr.) **(Ger)**

[Effect of cell respiration inhibitors on the formation of structural mutations in human lymphocytes irradiated at different stages of the mitotic cycle] Luchnik NV, et al. **Genetika (Moskva)** 1985 Feb;21(2):252-61 (Eng. Abstr.) **(Rus)**

[Formation of chromosome aberrations at different stages of the mitotic cycle in a culture of human lymphocytes irradiated with neutrons of average energy 0.35 and 0.85 MeV] Sevan'kaev AV, et al. **Radiobiologiia** 1985 Jul-Aug; 25(4):489-94 (Eng. Abstr.) **(Rus)**

[Dynamics of mitotic activity and frequency of pathologic mitoses in solid Ehrlich tumor after exposure to ultrasound and x-rays] Smirnov RV, et al. **Radiobiologiia** 1984 Sep-Oct;24(5):662-6 (Eng. Abstr.) **(Rus)**

MITOTANE

ANALYSIS

Mitotane (o,p'-DDD) emulsion and tablet analysis by high-performance liquid chromatography. Musial SP, et al. **J Chromatogr** 1985 Feb 20;319(3):467-70

METABOLISM

In vitro and in vivo metabolism of a radioiodinated analog of 1-(2-chlorophenyl)-1-(4-chlorophenyl)-2,-dichloroethane Pohland RC, et al. **Drug Metab Dispos** 1985 Jan-Feb; 13(1):113-5

PHARMACODYNAMICS

[The effects of o,p'-DDD on adrenal steroidogenesis and hepatic steroid metabolism] Ojima M, et al. **Nippon Naibunpi Gakkai Zasshi** 1985 Mar 20;61(3):168-78 (Eng. Abstr.) **(Jpn)**

[The effects of o,p'-DDD on human adrenal steroid synthesis] Ojima M, et al. **Nippon Naibunpi Gakkai Zasshi** 1984 Jul 20;60(7):852-71 (Eng. Abstr.) **(Jpn)**

[The effect of o,p'-dichlorodiphenyldichloroethane on malic enzyme activity of the adrenal glands] Mikosha AS. **Vopr Med Khim** 1985 Jan-Feb;31(1):61-4 (Eng. Abstr.) **(Rus)**

THERAPEUTIC USE

Adrenocortical carcinoma responded to treatment with o,p'-DDD—a case report. Naruse T, et al. **Endocrinol Jpn** 1984 Aug;31(4):417-26

[Favorable outcome of a recurring malignant adrenocortical tumor under O,P'-DDD therapy] Levy JM, et al. **Ann Pediatr (Paris)** 1985 Jun;32(6):541-4 (Eng. Abstr.) **(Fre)**

[Dynamics of beta-lipotropin and beta-endorphin levels in Itsenko-Cushing disease patients being treated with the antiserotonin preparation cyproheptadine (peritol) and chloditan] Slavnov VN, et al. **Ter Arkh** 1984;56(9):119-22 (Eng. Abstr.) **(Rus)**

MITOTIC INDEX see under **MITOSIS**

MITOTIC SPINDLE APPARATUS

DRUG EFFECTS

Chromosome segregation and spindle structure in crane fly spermatocytes following Colcemid treatment. LaFountain JR Jr. **Chromosoma** 1985;91(5):329-36

Malorientation in half-bivalents at anaphase in crane fly spermatocytes following Colcemid treatment. LaFountain JR Jr. **Chromosoma** 1985;91(5):337-46

Cytogenetic effects of pesticides. III. Induction of micronuclei in mouse bone marrow by the insecticides cypermethrin and rotenone. Amer SM, et al. **Mutat Res** 1985 Mar;155(3):135-42

Aprotic polar solvents inducing chromosomal malsegregation in yeast interfere with the assembly of porcine brain tubulin in vitro. Gröschel-Stewart U, et al. **Mutat Res** 1985 May; 149(3):333-8

Genotoxic effects of some organophosphorous pesticides. I. Induction of micronuclei in bone marrow cells in rat. Grover IS, et al. **Mutat Res** 1985 Mar;155(3):131-4

Chromosomal aberrations and micronuclei induced in rat and mouse bone marrow cells by sodium nitrate. Luca D, et al. **Mutat Res** 1985 Mar;155(3):121-5

The observation of mitotic division aberrations in mammalian cells exposed to chemical and radiation treatments. Parry EM, et al. **Mutat Res** 1985 Jun-Jul;150(1-2):369-81

[Structural changes in the mitotic apparatus of metaphase cells exposed to 2-mercaptoethanol in a porcine embryonic kidney cell culture. A light microscopy study] Bystrevskaia VB, et al. **Tsitologiia** 1984 Sep;26(9):996-1001 (Eng. Abstr.) **(Rus)**

[Ultrastructure of the mitotic apparatus of metaphase cells in a pig embryo kidney tissue culture after stopping the action of 2-mercaptoethanol] Bystrevskaia VB, et al. **Tsitologiia** 1984 Oct;26(10):1095-102 (Eng. Abstr.) **(Rus)**

ENZYMOLOGY

Cyclic-AMP-dependent protein kinase type II is associated with the Golgi complex and with centrosomes. Nigg EA, et al. **Cell** 1985 Jul;41(3):1039-51

IMMUNOLOGY

Identification of molecular components of the centrosphere in the mitotic spindle of sea urchin eggs. Kuriyama R, et al. **J Cell Biol** 1985 Aug;101(2):524-30

Kinetochore components recognized by human autoantibodies are present on mononucleosomes. Palmer DK, et al. **Mol Cell Biol** 1985 Jan;5(1):173-86

METABOLISM

A widely distributed nuclear protein immunologically related to the microtubule-associated protein MAP1 is associated with the mitotic spindle. Bonifacino JS, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1146-50

PHYSIOLOGY

A cell division mutant of Drosophila with a functionally abnormal spindle. Ripoll P, et al. **Cell** 1985 Jul;41(3):907-12

Development of cortical polarity in mouse eggs: involvement of the meiotic apparatus. Longo FJ, et al. **Dev Biol** 1985 Feb;107(2):382-94

Spindle microtubular dysfunction in mothers of Down syndrome children. Ford JH. **Hum Genet** 1984;68(4):295-8

Induction of nuclear envelope breakdown, chromosome condensation, and spindle formation in cell-free extracts. Lohka MJ, et al. **J Cell Biol** 1985 Aug;101(2):518-23

Properties of the kinetochore in vitro. II. Microtubule capture and ATP-dependent translocation. Mitchison TJ, et al. **J Cell Biol** 1985 Sep;101(3):766-77

Properties of the kinetochore in vitro. I. Microtubule nucleation and tubulin binding. Mitchison TJ, et al. **J Cell Biol** 1985 Sep;101(3):755-65

Non-random chromosome segregation in Neocurtilla hexadactyla is controlled by chromosomal spindle fibres: an ultraviolet microbeam analysis. Wise D, et al. **J Cell Sci** 1984 Jul;69:1-17

Nuclear proteins that become part of the mitotic apparatus: a role in nuclear assembly? Pettijohn DE, et al. **J Cell Sci [Suppl]** 1984;1:187-201

Repeated furrow formation from a single mitotic apparatus in cylindrical sand dollar eggs. Rappaport R. **J Exp Zool** 1985 Apr;234(1):167-71

In vitro reactivation of anaphase spindle elongation using isolated diatom spindles. Cande WZ, et al. **Nature** 1985 Jul 11-17;316(6024):168-70

Microtubules during germinal vesicle breakdown (GVBD) of Xenopus oocytes: effect of Ca2+ ionophore A-23187 and taxol. Huchon D, et al. **Reprod Nutr Dev** 1985; 25(2):465-79

ULTRASTRUCTURE

The vesicular compartment of the mitotic apparatus in mammalian cells. Paweletz N, et al. **Cell Biol Int Rep** 1984 Aug;8(8):675-88

Immunofluorescence microscopy of tubulin and microtubule arrays in plant cells. III. Transition between mitotic/cytokinetic and interphase microtubule arrays. Wick SM. **Cell Biol Int Rep** 1985 Apr;9(4):357-71

Aster formation in vitro is nucleated by granules isolated from the mitotic apparatus. Toriyama M, et al. **Cell Struct Funct** 1984 Sep;9(3):213-24

The three-dimensional architecture of chromosome fibres in the crane fly. II. Amphitelic sex univalents in meiotic anaphase I. Fuge H. **Chromosoma** 1985;91(3-4):322-8

Microtubule nucleating sites in higher plant cells identified by an auto-antibody against pericentriolar material. Clayton L, et al. **J Cell Biol** 1985 Jul;101(1):319-24

Experimental separation of pronuclei in fertilized sea urchin eggs: chromosomes do not organize a spindle in the absence of centrosomes. Sluder G, et al. **J Cell Biol** 1985 Mar; 100(3):897-903

Centriole number and the reproductive capacity of spindle poles. Sluder G, et al. **J Cell Biol** 1985 Mar;100(3):887-96

Microtubule configurations during fertilization, mitosis, and early development in the mouse and the requirement for egg microtubule-mediated motility during mammalian fertilization. Schatten G, et al. **Proc Natl Acad Sci USA** 1985 Jun;82(12):4152-6

MITRAL CLICK-MURMUR SYNDROME see **MITRAL VALVE PROLAPSE**

MITRAL VALVE

Intermittent spontaneous disc escape and reseating of Björk-Shiley mitral valve prosthesis. Harbold NB Jr, et al. **Am Heart J** 1985 Feb;109(2):382-3

Calcification of the ascending aorta and aortic and mitral valves in Gaucher's disease. Casta A, et al. **Am J Cardiol** 1984 Dec 1;54(10):1390-1

Clinical characteristics of patients younger than 60 years with mitral anular calcium: comparison with age- and sex-matched control subjects. Nair CK, et al. **Am J Cardiol** 1984 Dec 1;54(10):1286-7

Simplified Doppler estimation of mitral valve area. Yang SS, et al. **Am J Cardiol** 1985 Sep 1;56(7):488-9

Effects of alveolar hypoxia during partial mitral valve obstruction in unanesthetized sheep. Snapper JR, et al. **Am Rev Respir Dis** 1985 Jan;131(1):65-8

Immunofluorescence studies of cardiac valves in infective endocarditis. Williams RC Jr, et al. **Arch Intern Med** 1985 Feb;145(2):297-300

Filamentous Histoplasma capsulatum endocarditis involving mitral and aortic valve porcine bioprostheses. Svirbely JR, et al. **Arch Pathol Lab Med** 1985 Mar;109(3):273-6

Systolic anterior motion of the mitral valve. An unusual echocardiographic feature of mitral valve endocarditis. Enia F, et al. **Chest** 1984 Nov;86(5):791-3

Production of systolic anterior motion of the mitral valve in dogs. Sakurai S, et al. **Circulation** 1985 Apr;71(4):805-12

The St. Jude Medical cardiac valve versus the Björk-Shiley prosthetic valve in the mitral position: a preliminary report. Lees CD, et al. **Cleve Clin Q** 1984 Fall;51(3):499-503

Mitral valve disease and dysphagia. Behl PR, et al. **Eur Heart J** 1984 Nov;5(11):919-23

Mitral valve aneurysm revealed by cross-sectional echocardiography in a patient with mitral valve prolapse. Rückel A, et al. **Int J Cardiol** 1984 Nov;6(5):633-7

Smoke-like echo in the left atrial cavity in mitral valve disease: its features and significance. Beppu S, et al. **J Am Coll Cardiol** 1985 Oct;6(4):744-9

Two-dimensional echocardiographic recognition and repair of subvalvular mitral aneurysm of the left ventricle in an infant. Shaddy R, et al. **J Am Coll Cardiol** 1985 Mar; 5(3):765-9

Advantages of superior approach for mitral valve surgery. Vijayanagar R, et al. **J Cardiovasc Surg (Torino)** 1985 Sep-Oct;26(5):426-32

Meningococcal endocarditis with profound acquired hypocomplementaemia. Weetman AP, et al. **J Infect** 1985 Jan;10(1):51-6

Combined multiple-valve procedures. Factors influencing the early and late results. Mattila S, et al. **Scand J Thorac Cardiovasc Surg** 1985;19(1):33-7

[Changes in respiratory function, functional and true intrapulmonary shunts and acid-base state depending on the type of heart defect] Marinov Kh. **Vutr Boles** 1985; 24(1):89-98 (Eng. Abstr.) **(Bul)**

[Respiratory disorders in acquired heart valve defects with various degrees of heart failure] Marinov Kh. **Vutr Boles** 1985;24(1):99-107 (Eng. Abstr.) **(Bul)**

[Coronary radiography in patients with valvular cardiopathies and stenocardia] Ovanesian Kh, et al. **Vutr Boles** 1984;23(6):37-40 (Eng. Abstr.) **(Bul)**

[Work test in acquired heart valve defects] Terzieva L, et al. **Vutr Boles** 1984;23(6):40-8 (Eng. Abstr.) **(Bul)**

[Clinical and echocardiographic symptoms of mitral valve rupture] Tomov I, et al. **Vutr Boles** 1985;24(3):61-71 (Eng. Abstr.) **(Bul)**

[Echocardiographic dimension of the left atrium of mitral valve disease in chronic atrial fibrillation: comparison with mitral valve disease in sinus rhythm and sclerotic cardiopathy in chronic atrial fibrillation] Sannito N, et al. **Cardiologia** 1984 Mar-Apr;29(3-4):231-6 (Eng. Abstr.) **(Ita)**

[Two cases of malignant cardiac tumors attached on the anterior mitral valve] Tashiro N, et al. **J Cardiogr** 1984 Jun;14(1):209-19 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of tricuspid regurgitation in combined valvular diseases] Morishita Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):265-70 (Eng. Abstr.) **(Jpn)**

[Prevention of chronic fetal hypoxia in pregnant women with acquired heart defects] Okoev GG, et al. **Akush Ginekol (Mosk)** 1985 Apr;(4):38-40 (Eng. Abstr.) **(Rus)**

[Echocardiographic picture of paravalvular fistula of a semi-circular prosthesis MKCh-2-27 fixed in the mitral position] Markhasina IP. **Kardiologiia** 1984 Jul;24(7):105 **(Rus)**

[Surgical tactics in calcinosis of the mitral valve] Koroteev AV. **Khirurgiia (Mosk)** 1985 Mar;(3):54-8 (Eng. Abstr.) **(Rus)**

ABNORMALITIES

Value of two-dimensional echocardiographic detection of incomplete mitral leaflet closure. Kinney EL, et al. **Am Heart J** 1985 Jan;109(1):87-90

Two-dimensional echocardiographic documentation of accessory chordae tendineae accompanying isolated anterior mitral cleft. Yamamoto Y, et al. **Am Heart J** 1984 Dec;108(6):1554-6

Mitral valve cleft without cardiac septal defect causing severe mitral regurgitation but allowing long survival. Barth CW 3d, et al. **Am J Cardiol** 1985 Apr 15;55(9):1229-31

Double-outlet left ventricle with atrioventricular discordance. Subirana MT, et al. **Am J Cardiol** 1984 Dec 1;54(10):1385-8

Anomalous coronary artery simulating parachute mitral valve. Rodin AE, et al. **Am J Clin Pathol** 1984 Nov;82(5):622-4

Mitral valve replacement in the first three months of life. Pollock JC, et al. **Br Heart J** 1984 Nov;52(5):549-51

Redundant mitral chordae tendineae prolapsing to the left ventricular outflow tract area in normal subjects. Grenadier E, et al. **Eur Heart J** 1984 Nov;5(11):954-6

Two-dimensional echocardiographic findings in double orifice mitral valve. Trowitzsch E, et al. **J Am Coll Cardiol** 1985 Aug;6(2):383-7

[Aortic and valvular lesions in pseudoxanthoma elasticum (letter)] Pernot C. **Arch Fr Pediatr** 1985 Jan;42(1):63 **(Fre)**

[Aortic subvalvular stenosis caused by accessory mitral tissue] Losay J, et al. **Arch Mal Coeur** 1985 May;78(5):737-40 (Eng. Abstr.) **(Fre)**

[Supravalvular ring in the left atrium] Kalkowski H, et al. **Zentralbl Chir** 1984;109(16):1072-5 **(Ger)**

[Echocardiography and angiocardiography in overriding and straddling of mitral valve in Taussig-Bing anomaly. A case report] Arisawa J, et al. **Nippon Igaku Hoshasen Gakkai Zasshi** 1985 Apr 25;45(4):585-90 (Eng. Abstr.) **(Jpn)**

[Successful Jatene's operation for TGA type Taussig-Bing anomaly with straddling of the mitral valve] Ina H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):511-5 (Eng. Abstr.) **(Jpn)**

[Congenital heart defects associated with transposition of the aorta and pulmonary artery] Shtanovskii VG. **Kardiologiia** 1984 Nov;24(11):125-6 **(Rus)**

[A case of visceral thromboangiitis associated with congenital mitral valve defect] Shpak BIu, et al. **Vrach Delo** 1985 Apr;(4):51-3 **(Rus)**

ANALYSIS

Amyloid deposits in aortic and mitral valves. A clinicopathological investigation of material from 100 consecutive heart valve operations. Ladefoged C, et al. **Virchows Arch [A]** 1984;404(3):301-12

ANATOMY & HISTOLOGY

Mitral-septal angle: a new two-dimensional echocardiographic index of left ventricular performance. Abinader EG, et al. **Am Heart J** 1985 Aug;110(2):381-5

Mitral and tricuspid valve anular diameter in normal children determined by two-dimensional echocardiography. King DH, et al. **Am J Cardiol** 1985 Mar 1;55(6):787-9

Contribution to the study of connective fibers in human mitral valve. Soares JC, et al. **Anat Anz** 1985;158(3):279-84

Observations on structure and function of the equine mitral valve. Miller PJ, et al. **Equine Vet J** 1984 Sep;16(5):457-60

Morphology and morphometry of the mitral valve in normal human heart. Datta AK, et al. **Indian Heart J** 1984 Nov-Dec;36(6):384-90

Echocardiogram processing and classification using data-dependent systems analysis. Ambardar A, et al. **ISA Trans** 1984;23(3):57-64

ENZYMOLOGY

An enzyme histochemical study of human sinus node, coronary sinus, and mitral valve muscle. Théry C, et al. **Circulation** 1985 Jul;72(1):205-13

PATHOLOGY

Frequency of mitral valve dysfunction from mitral anular calcium as detected by Doppler echocardiography. Labovitz AJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):133-7

Mitral valve prolapse requiring surgery. Clinical and pathologic study. Tresch DD, et al. **Am J Med** 1985 Feb;78(2):245-50

Pathology of surgically excised mitral valves. One hundred consecutive cases. Hanson TP, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):823-8

Cardiac valve orifice equation independent of valvular flow intervals: application to mitral valve area computation in mitral stenosis and comparison with the Gorlin formula and direct anatomical measurements. Seitz W, et al. **Cardiovasc Res** 1984 Nov;18(11):669-74

Correlation of two-dimensional echocardiography and pathologic findings in porcine valve dysfunction. Forman MB, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):224-30

Primary (spontaneous) chordal rupture: relation to myxomatous valve disease and mitral valve prolapse. Hickey AJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1341-6

Isolated mitral valve prolapse: chordal architecture as an anatomic basis in older patients. van der Bel-Kahn J, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1335-40

Mucopolysaccharidosis-like alterations in cardiac valves of rats treated with tilorone. Horstmann G, et al. **Virchows Arch [Cell Pathol]** 1985;48(1):33-45

[Initial experience with calculation of the surface area of the stenosed mitral opening according to a formula not dependent on diastolic pressure gradients] Munclinger M, et al. **Cas Lek Cesk** 1984 Nov 23;123(47):1437-9 (Eng. Abstr.) **(Cze)**

[Endocarditis in Barlow's disease. Value of two-dimensional echography (letter)] Denamur E, et al. **Presse Med** 1985 Feb 16;14(7):430-1 **(Fre)**

[Non-invasive estimation of transmitral pressure gradient and mitral valve area in mitral stenosis by an ultrasonic pulsed Doppler technique] Asao M, et al. **J Cardiogr** 1984 Jun;14(1):149-61 (Eng. Abstr.) **(Jpn)**

[ASD plaque formation of the mitral valve in secundum atrial septal defect and the timing for operation] Furuta S. **J Cardiogr** 1984;14 Suppl 1:147-52 (Eng. Abstr.) **(Jpn)**

[Surgical anatomy of resected rheumatic mitral valves] Ishihara S, et al. **Kokyu To Junkan** 1985 Jun;33(6):789-98 (Eng. Abstr.) **(Jpn)**

[The characteristics of subvalvular lesions of excised rheumatic mitral valves] Ishihara S, et al. **Kyobu Geka** 1985 Feb;38(2):96-100 (Eng. Abstr.) **(Jpn)**

[Anatomo-surgical classification of mitral stenosis. Valvular aspects] Fortuna AB. **Arq Bras Cardiol** 1984 Dec;43(6):381-7 (Eng. Abstr.) **(Por)**

[Rare case of congenital subaortic stenosis caused by hyperplasia of the anterior cusp of the mitral valve] Zin'kovskii MF, et al. **Grudn Khir** 1984 Nov-Dec;(6):83 **(Rus)**

[Diagnosis of subvalvular adhesions in mitral stenosis by 2--dimensional echocardiography] Zaretskii VV, et al. **Kardiologiia** 1985 Mar;25(3):68-70 (Eng. Abstr.) **(Rus)**

PHYSIOLOGY

Effects of timing of atrial systole on LV filling and mitral valve closure: computer and dog studies. Meisner JS, et al. **Am J Physiol** 1985 Sep;249(3 Pt 2):H604-19

Variable effects of changes in flow rate through the aortic, pulmonary and mitral valves on valve area and flow velocity: impact on quantitative Doppler flow calculations. Stewart WJ, et al. **J Am Coll Cardiol** 1985 Sep;6(3):653-62

New generation tissue valves. Their in vitro function in the mitral position. Walker DK, et al. **J Thorac Cardiovasc Surg** 1984 Oct;88(4):573-82

PHYSIOPATHOLOGY

Echocardiographic aortic to mitral valve opening area ratio for determining the presence and severity of mitral regurgitation. Hofmann T, et al. **Am J Cardiol** 1985 Jul 1;56(1):115-8

Patterns of systolic anterior motion of the mitral valve in hypertrophic cardiomyopathy: assessment by two-dimensional echocardiography. Spirito P, et al. **Am J Cardiol** 1984 Nov 1;54(8):1039-46

Evaluation of an elliptical area technique for calculating mitral blood flow by Doppler echocardiography. Goldberg SJ, et al. **Br Heart J** 1985 Jul;54(1):68-75

Relation between mitral valve closure and early systolic function of the left ventricle. Smalcelj A, et al. **Br Heart J** 1985 Apr;53(4):436-42

Doppler echocardiographic measurement of cardiac output using the mitral orifice method. Zhang Y, et al. **Br Heart J** 1985 Feb;53(2):130-6

Intramyocardial coronary arterial changes in rheumatic mitral valve disease. Relation to left ventricular function. Subramanyan R, et al. **Cardiology** 1984;71(5):233-8

Hemodynamic evaluation of stenotic cardiac valves: II. Modification of the simplified valve formula for mitral and aortic valve area calculation. Angel J, et al. **Cathet Cardiovasc Diagn** 1985;11(2):127-38

Nomogram for calculation of stenotic cardiac valve areas from cardiac output and mean transvalvular gradient. Nigri A, et al. **Cathet Cardiovasc Diagn** 1984;10(6):613-8

Mitral valve alternans. Kessler KM. **J Am Coll Cardiol** 1985 May;5(5):1257-9

Left ventricular outflow obstruction: a complication of mitral valvuloplasty. Kronzon I, et al. **J Am Coll Cardiol** 1984 Oct;4(4):825-8

Intermittent premature mitral valve closure in combined acute severe aortic and mitral regurgitation. Dianzumba SB, et al. **South Med J** 1984 Nov;77(11):1449-52

[Echocardiographic study for optimizing therapy with physiologic heart pacemakers--the relevance of mitral valve motion] von Bibra H, et al. **Z Kardiol** 1984 Jul;73(7):460-5 (Eng. Abstr.) **(Ger)**

[Mitral valve lesions in patients with right ventricular pressure overload: analysis using realtime, two-dimensional echocardiography] Nagata S, et al. **J Cardiogr** 1984 Aug;14(2):345-52 (Eng. Abstr.) **(Jpn)**

[A case of aortitis syndrome with asymmetric septal hypertrophy, systolic anterior motion of anterior mitral leaflet and pressure gradient within the left ventricle] Noguchi Y, et al. **Kokyu To Junkan** 1985 Jun;33(6):817-21 (Eng. Abstr.) **(Jpn)**

RADIATION EFFECTS

[Experimental study of the effect of laser rays on the chordae tendineae of the mitral valve] Furlanetto BH, et al. **Arq Bras Cardiol** 1984 Aug;43(2):93-6 (Eng. Abstr.) **(Por)**

SURGERY

Left ventricular dyskinesia following closed mitral commissurotomy. Nigri A, et al. **Am Heart J** 1984 Dec;108(6):1550-2

Failure of St. Jude Medical mitral prosthesis diagnosed by two-dimensional echocardiography. Bradley LM, et al. **Am J Cardiol** 1984 Dec 1;54(10):1385

Long-term results of open mitral valve reconstruction for mitral stenosis. Cohn LH, et al. **Am J Cardiol** 1985 Mar 1;55(6):731-4

Strut fracture and disk embolization of a Björk-Shiley mitral valve prosthesis. García-Del-Castillo H, et al. **Am J Cardiol** 1985 Feb 15;55(5):597-8

Conduit bypass of mitral valve: a palliative approach to congenital mitral stenosis. Midgley FM, et al. **Am J Cardiol** 1985 Sep 1;56(7):493-4

Comparison of fentanyl, sufentanil, and alfentanil anesthesia in patients undergoing valvular heart surgery. Bovill JG, et al. **Anesth Analg** 1984 Dec;63(12):1081-6

Acute intermittent obstruction of a Björk-Shiley mitral valve: a case report. Damen J, et al. **Anesthesiology** 1984 Nov;61(5):613-5

Effects of mitral valve replacement on ventilation, volumes, diffusing capacity and regional perfusion of lungs in patients with mitral valve disease. Mattila S, et al. **Ann Chir Gynaecol** 1985;74(2):82-5

Mitral replacement: clinical experience with a ball-valve prosthesis. Twenty-five years later. Cobanoglu A, et al. **Ann Surg** 1985 Sep;202(3):376-83

Conservative repair of the mitral and tricuspid valves: eight years experience with Duran flexible ring annuloplasty. Revuelta JM, et al. **Bol Asoc Med PR** 1984 Oct;76(10):429-41

Structural and functional abnormalities of the left ventricle after closed mitral valvotomy. Mohan JC, et al. **Cathet Cardiovasc Diagn** 1984;10(3):247-51

Six years of experience with the St. Jude Medical valvular prosthesis. Arom KV, et al. **Circulation** 1985 Sep;72(3 Pt 2):II153-8

Morbidity and mortality in mitral valve surgery. Christakis GT, et al. **Circulation** 1985 Sep;72(3 Pt 2):II120-8

Comparison of dysfunction with mechanical and porcine mitral valve prostheses. Magilligan DJ Jr, et al. **Circulation** 1985 Sep;72(3 Pt 2):II129-34

Operative risk of mitral valve replacement: discriminant analysis of 1329 procedures. Scott WC, et al. **Circulation** 1985 Sep;72(3 Pt 2):II108-19

Bioprosthetic valve replacement in children--long-term follow-up of 135 isolated mitral valve implantations. Antunes MJ. **Eur Heart J** 1984 Nov;5(11):913-8

An orifice formula independent of mitral pressure gradient for the evaluation of prosthetic mitral valve obstruction. Seitz WS, et al. **Eur Heart J** 1984 Nov;5(11):932-40

Embolism, thrombosis and anticoagulant haemorrhage in mitral valve disease. A prospective study of patients having valve replacement with the pericardial xenograft. Silverton NP, et al. **Eur Heart J** 1984 Oct;5 Suppl D:19-25

Perioperative myocardial protection in severe coronary artery and valvular heart diseases with impaired ventricular function. Boulafendis D, et al. **Int Surg** 1984 Apr-Jun;69(2):117-20

Intraoperative contrast echocardiography to evaluate mitral valve operations. Goldman ME, et al. **J Am Coll Cardiol** 1984 Nov;4(5):1035-40

Underestimation of prosthetic mitral valve areas: role of transseptal catheterization in avoiding unnecessary repeat mitral valve surgery. Schoenfeld MH, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1387-92

The effect of myocardial preservation technique on operative mortality in complex valvular heart disease. Curtis JJ, et al. **J Cardiovasc Surg (Torino)** 1985 May-Jun;26(3):231-5

Aortoatrioplasty with double valve replacement for infective endocarditis. Furuse A, et al. **J Cardiovasc Surg (Torino)** 1984 Sep-Oct;25(5):462-4

Mechanical failure of a mitral valve prosthesis: an unusual case of sudden unexpected death. Clark MA. **J Forensic Sci** 1985 Apr;30(2):552-5

Intraoperative assessment of the reconstructed mitral valve [letter] Cohn LH. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):311-2

Improved intraoperative evaluation of mitral valve operations utilizing two-dimensional contrast echocardiography. Mindich BP, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):112-8

Cardiac dimensions and motion shortly after mitral valve surgery. Chiang CW, et al. **Jpn Heart J** 1984 Jul;25(4):509-21

Reconstructive surgery for mitral and tricuspid valves--principles and personal experience. Bex JP. **Jpn J Surg** 1985 Jan;15(1):3-17

Atrioventricular conduction abnormalities in patients undergoing isolated aortic or mitral valve replacement. Keefe DL, et al. **PACE** 1985 May;8(3 Pt 1):393-8

Mitral valve reconstruction. An underused alternative to replacement. Grehl TM, et al. **Postgrad Med** 1985 Sep 1;78(3):187-91, 194

Prevention of prosthetic disc immobilization by prolapsed sutures. Bortolotti U, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):59-60

A modified needle holder for mitral valve surgery. Dimitri WR. **Thorac Cardiovasc Surg** 1985 Feb;33(1):61-2

Open mitral commissurotomy. A new plea for an old operation. Schmidt-Habelmann P, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):20-2

Conservative surgery of the mitral valve in bacterial endocarditis. Gammage MD, et al. **Thorax** 1984 Nov;39(11):868-71

Effects of mitral valve surgery on static lung function and exercise performance. Rhodes KM, et al. **Thorax** 1985 Feb;40(2):107-12

Platelet survival and function in animals with prosthetic mitral valve: the effect of nafazatrom. Al-Mondhiry H, et al. **Thromb Haemost** 1984 Oct 31;52(2):99-101

[Electric cauterization combined with valve replacement for bacterial endocarditis: report of a case] Wang YS, et al. **Chung Hua Wai Ko Tsa Chih** 1985 Jan;23(1):38-9, 63 (Eng. Abstr.) **(Chi)**

[Comparative evaluation of various methods of treatment of mitral valve diseases. Apropos of 4 series of 100 patients operated on using the Starr prosthesis, Bjork prosthesis, bioprosthesis and valve reconstruction] Perier P, et al. **Arch Mal Coeur** 1984 Dec;77(13):1517-24 (Eng. Abstr.) **(Fre)**

[Remote results of mitral valve surgery in mitral valve insufficiency, 1972-1982] Schmidli J, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):430-9 (Eng. Abstr.) **(Ger)**

[Mitral commissurotomy or mitral valve replacement. Comparison of results of closed and open operative procedures in acquired mitral valve stenoses and combined mitral valve defects, predominantly stenosis] Ursinus W. **Zentralbl Chir** 1984;109(21):1380-90 (Eng. Abstr.) **(Ger)**

[Remote results of the substitution of an isolated mitral valve with a Starr-Edwards prosthesis] Bellitti R, et al. **Minerva Cardioangiol** 1984 Nov;32(11):819-22 (Eng. Abstr.) **(Ita)**

[A case of post-operative valvular heart disease with angina pectoris and acute myocardial infarction probably due to coronary spasm] Hiasa Y, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):699-703 (Eng. Abstr.) **(Jpn)**

[Mitral valve replacement in infants and children] Kyoku J, et al. **Kyobu Geka** 1985 Jan;38(1):5-12 (Eng. Abstr.) **(Jpn)**

[Mitral valve replacement following closure of atrial septal defect] Nakata M, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):722-6 (Eng. Abstr.) **(Jpn)**

[Clinical results of the Starr-Edwards ball valve for mitral valve replacement] Suma K, et al. **Kyobu Geka** 1985 Mar;38(3):171-9 (Eng. Abstr.) **(Jpn)**

[Selection of the prosthetic valve for mitral valve replacement] Yada I, et al. **Kyobu Geka** 1984 Sep;37(10):757-61 (Eng. Abstr.) **(Jpn)**

[Valvuloplasty for congenital mitral valvular diseases] Ohishi K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):902-5 (Eng. Abstr.) **(Jpn)**

[The role of functional left ventricular morphology in the selection of the mitral prosthesis] Egoh Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):283-90 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of active infective endocarditis with the perforation of the mitral and aortic valves] Eishi K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Aug;32(8):1268-73 (Eng. Abstr.) **(Jpn)**

[Clinical and hemodynamic assessment of the porcine xenograft valves in mitral position] Kagawa Y, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Apr;32(4):512-20 (Eng. Abstr.) **(Jpn)**

[Coronary bypass surgery utilizing an internal mammary artery and autologous saphenous vein graft for mitral valve replacement in severe Kawasaki heart disease: report of a case] Kitamura S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):1996-2003 (Eng. Abstr.) **(Jpn)**

[Long-term results in 295 patients undergoing open mitral commissurotomy] Nakano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):210-6 (Eng. Abstr.) **(Jpn)**

[Sudden death due to a minor strut fracture of Björk-Shiley prosthesis 14 months after mitral valve replacement: a case report] Satoh T, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct;32(10):1844-9 (Eng. Abstr.) **(Jpn)**

[A successful emergency operation in a patient with late active bioprosthetic valve endocarditis occurring 4 years later following Bentall's operation and mitral valve replacement] Seino R, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1101-8 (Eng. Abstr.) **(Jpn)**

[Surgical treatment of perivalvular leakage following mitral valve replacement with left atrial wall dissection--left thoracotomy approach] Yamashita C, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Nov;32(11):2004-7 (Eng. Abstr.) **(Jpn)**

[Branhamella (Neisseria) catarrhalis endocarditis after insertion of a mitral prosthesis: a case report] Utsunomiya T, et al. **Nippon Naika Gakkai Zasshi** 1984 Oct;73(10):1506-11 **(Jpn)**

[A case of fungal pack occlusion of the ascending aorta after aortic and mitral valve replacement] Kaneko H, et al. **Rinsho Kyobu Geka** 1984 Nov;4(6):807-12 (Eng. Abstr.) **(Jpn)**

[A case of chronic subdural hematoma developing during long-term anticoagulant drug therapy after mitral valve replacement] Nobuoka W, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):603-5 (Eng. Abstr.) **(Jpn)**

[Manouguian's aortic annulus enlargement to allow single or double valve replacement--comparison with other surgical procedures] Tokunaga K, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):463-72 (Eng. Abstr.) **(Jpn)**

[Closed commissurotomy for health reasons in pregnant women with mitral stenosis] Ponińyński A, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1169-70 (Eng. Abstr.) **(Pol)**

[Prognostic value of simple chest radiography for the establishment of risk factors in open mitral valve surgery] Fragata JI, et al. **Acta Med Port** 1985 Mar-Apr;6(3-4):115-20 (Eng. Abstr.) **(Por)**

[Valvuloplasty for mitral insufficiency: technics and results] Kalil RA, et al. **Arq Bras Cardiol** 1981 Oct;37(4):315-9 (Eng. Abstr.) **(Por)**

[Repeated operations on the heart in patients with a history of mitral commissurotomy] Chernov VA. **Kardiologiia** 1984 Jul;24(7):33-7 (Eng. Abstr.) **(Rus)**

[Comparative evaluation of the dynamics of the echocardiographic parameters following open and closed mitral commissurotomy] Zaretskiĭ VV, et al. **Kardiologiia** 1985 Apr;25(4):55-7 (Eng. Abstr.) **(Rus)**

[Immediate and late results of closed mitral commissurotomy in patients over 50] Putov NV, et al. **Klin Med (Mosk)** 1985 Jan;63(1):51-4 (Eng. Abstr.) **(Rus)**

[Impedance cardiographic evaluation of left ventricular contractility in patients having undergone closed mitral commissurotomy] Setrakian SA, et al. **Klin Med (Mosk)** 1985 Jan;63(1):59-62 (Eng. Abstr.) **(Rus)**

[Mitral valve surgery] Arís A. **Med Clin (Barc)** 1984 Jun 2;83(1):21-3 **(Spa)**

[Materno-neonatal management and complications in patients with cardiac valvular prosthesis and in anticoagulant treatment] Babul J, et al. **Rev Chil Obstet Ginecol** 1982;47(6):415-26 (Eng. Abstr.) **(Spa)**

[Coronary surgery associated with a valvular correction] Carmona J, et al. **Rev Esp Anestesiol Reanim** 1985 Mar-Apr;32(2):61-5 (Eng. Abstr.) **(Spa)**

MITRAL VALVE INSUFFICIENCY

COMPLICATIONS

Effects of chronic digoxin treatment on cardiac function, electrolytes, and sarcolemmal ATPase in the canine failing heart due to chronic mitral regurgitation. Prasad K, et al. **Am Heart J** 1984 Dec;108(6):1487-94

Complex arrhythmias in mitral regurgitation with and without mitral valve prolapse: contrast to arrhythmias in mitral valve prolapse without mitral regurgitation. Kligfield P, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1545-9

Parathyroid carcinoma with massive parathyroid hormone production and severe mitral incompetence: report of a case with review of the literature. Menkes AL, et al. **J Am Osteopath Assoc** 1984 Aug;83(12):852-6

Clinical features, problems in medical management and therapeutic planning in severe valvular heart disease. Kobayashi K, et al. **Jpn Circ J** 1984 Oct;48(10):1109-17

The significance of psychosocial factors in predicting coronary disease in patients with valvular heart disease. Cooper CL, et al. **Soc Sci Med** 1985;20(4):315-8

[Systemic embolism in mitral valve disease] Sighieri C, et al. **Boll Soc Ital Cardiol** 1984 Nov;29(11):529-39 (Eng. Abstr.) **(Ita)**

[Acquired Wolff-Parkinson-White syndrome. Description of a case with mitral valve disease and atrial fibrillation] Mammarella A, et al. **Clin Ter** 1984 Jul 15;110(1):65-74 (Eng. Abstr.) **(Ita)**

[Rare case of rheumatic heart valve disease combined with pericardial mesothelioma in a 28-year-old patient] Selivanenko VT, et al. **Grudn Khir** 1985 May-Jun;(3):93 **(Rus)**

[Chronic mitral insufficiency, infectious arthritis and rupture of the chordae tendineae (letter)] Fuster Siebert M, et al. **Med Clin (Barc)** 1984 Jun 16;83(3):132 **(Spa)**

CONGENITAL

Mitral valve replacement in the neonate: a report of two cases. Duncan WJ, et al. **Pediatr Cardiol** 1984;5(4):307-11

DIAGNOSIS

Clinically suspected severe ischaemia-induced mitral regurgitation. Spectrum of lesions and features of high surgical risk by echocardiography. Egeblad H, et al. **Acta Med Scand** 1984;216(3):243-9

Identification of the increased frequency of cardiovascular abnormalities associated with mitral valve prolapse by two-dimensional echocardiography. Chandraratna PA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1283-5

Prosthetic mitral regurgitation detected by Doppler echocardiography. Ferrara RP, et al. **Am J Cardiol** 1985 Jan 1;55(1):229-30

Echocardiographic aortic to mitral valve opening area ratio for determining the presence and severity of mitral regurgitation. Hofmann T, et al. **Am J Cardiol** 1985 Jul 1;56(1):115-8

Frequency of mitral valve dysfunction from mitral anular calcium as detected by Doppler echocardiography. Labovitz AJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):133-7

Quantification of mitral valvular incompetence. Lopez JF, et al. **Cathet Cardiovasc Diagn** 1985;11(2):139-52

A Doppler-two-dimensional echocardiographic method for quantitation of mitral regurgitation. Ascah KJ, et al. **Circulation** 1985 Aug;72(2):377-83

Clinical and echocardiographic features of isolated severe pure mitral regurgitation. Pizzarello RA, et al. **Clin Cardiol** 1984 Nov;7(11):565-71

Acute mitral insufficiency. Leonard JJ, et al. **Hosp Pract [Off]** 1985 May 30;20(5A):75-80, 84-9, 92-3 passim

Impedance cardiography in mitral valve diseases. Parulkar GB, et al. **Indian Heart J** 1985 Jan-Feb;37(1):37-42

Contribution of pharmacologic tests to the diagnosis of left ventricular regurgitations and obstructions: a phono-echocardiographic confrontation. Baragan J. **J Cardiogr** 1984 Oct;14 Suppl 5:47-51

Intraoperative assessment of the reconstructed mitral valve [letter] Cohn LH. **J Thorac Cardiovasc Surg** 1985 Aug;90(2):311-2

Intraoperative contrast two-dimensional echocardiography. Evaluation of the presence and severity of aortic and mitral regurgitation during cardiac operations. Eguaras MG, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):573-9

Quantitative assessment of valvular regurgitations using the pulsed Doppler technique. Approach to the regurgitant lesion. Veyrat C, et al. **Ultrasound Med Biol** 1984 Mar-Apr;10(2):201-13

[Noninvasive diagnosis of mitral and tricuspid insufficiency] Sciomer S, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):815-26 (Eng. Abstr.) **(Ita)**

[Non-invasive diagnosis of mitral and tricuspid valve insufficiency] Sciomer S, et al. **Boll Soc Ital Cardiol** 1983 Oct;28(10):815-26 (Eng. Abstr.) **(Ita)**

[Noninvasive diagnosis of mitral regurgitation by impedance cardiography] Volovoĭ VL, et al. **Kardiologiia** 1985 Mar;25(3):53-6 (Eng. Abstr.) **(Rus)**

[Value of complex instrumental examination of the cardiovascular system in patients with rheumatoid arthritis] Kogan BM, et al. **Sov Med** 1984;(7):5-8 (Eng. Abstr.) **(Rus)**

[Echocardiographic indicators in pregnant women with mitral valve defects] Titchenko LI. **Sov Med** 1984;(8):64-8 **(Rus)**

[Chordal rupture syndrome of the mitral valve] Storozhakov GI, et al. **Ter Arkh** 1985;57(4):62-6 (Eng. Abstr.) **(Rus)**

[Echocardiographic determination of the degree of valvular regurgitation in isolated acquired heart defects] Bobkov VV, et al. **Vestn Khir** 1985 May;134(5):26-8 (Eng. Abstr.) **(Rus)**

[Echocardiographic diagnosis of mitral insufficiency as a consequence of mitral valve cord rupture] Djordjević BS, et al. **Glas Srp Akad Nauka [Med]** 1981;(33):121-35 (Eng. Abstr.) **(Scc)**

[Change of velocity in the echocardiographic dimensions of the left ventricle: its diagnostic value in severe mitral stenosis or insufficiency] Eguaras MG, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):34-7 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

Effect of prazosin treatment on the cardiac sarcolemmal ATPase in failing heart due to mitral insufficiency in dogs. Prasad K, et al. **Cardiovasc Res** 1985 Jul;19(7):406-10

[Hemodynamic effects of phentolamine in acute and chronic mitral insufficiency after myocardial infarction] Renard M, et al. **Arch Mal Coeur** 1985 Jan;78(1):37-43 (Eng. Abstr.) **(Fre)**

[Use of nitroglycerin in acute myocardial infarct complicated by mitral insufficiency] Mirrakhimov MM, et al. **Kardiologiia** 1985 Apr;25(4):20-4 (Eng. Abstr.) **(Rus)**

[Use of vasodilators in post-infarction mitral insufficiency] Mikhailov AA, et al. **Sov Med** 1984;(11):3-7 (Eng. Abstr.) **(Rus)**

[Evaluation of the hemodynamic effects of nitroglycerin in mitral stenosis and insufficiency. A guide to their management] González Juanatey JR, et al. **Rev Esp Cardiol** 1985 Mar-Apr;38(2):108-12 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Flail mitral valve syndrome: comparison with chronic mitral regurgitation of other etiologies. Ren JF, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):435-42

Mitral valve cleft without cardiac septal defect causing severe mitral regurgitation but allowing long survival. Barth CW 3d, et al. **Am J Cardiol** 1985 Apr 15;55(9):1229-31

Fatal bioprosthetic regurgitation immediately after mitral and tricuspid valve replacements with Ionescu-Shiley bioprostheses. Lester WM, et al. **Am J Cardiol** 1985 Feb 15;55(5):590-2

Mitral and aortic regurgitation in Behçet's syndrome. Peña JM, et al. **Ann Rheum Dis** 1985 Sep;44(9):637-9

Pathology of surgically excised mitral valves. One hundred consecutive cases. Hanson TP, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):823-8

Severe Kawasaki heart disease treated with an internal mammary artery graft in pediatric patients. A first successful report. Kitamura S, et al. **J Thorac Cardiovasc Surg** 1985 Jun;89(6):860-6

Congenitally corrected transposition in adults with left atrioventricular valve incompetence. Guit GL, et al. **Radiology** 1985 Jun;155(3):567-70

[Paroxysmal mitral insufficiency caused by ischemic dysfunction of the papillary muscles. Apropos of 39 cases] Cosnay P, et al. **Arch Mal Coeur** 1985 Jan;78(1):81-90 (Eng. Abstr.) **(Fre)**

[Paroxysmal mitral insufficiency caused by ischemic dysfunction of the papillary muscles. Hemodynamic and angiographic study of 18 cases. Pathogenic hypotheses] Raynaud P, et al. **Arch Mal Coeur** 1985 Jan;78(1):91-101 (Eng. Abstr.) **(Fre)**

[Complications of mitral valve prolapse] Bensaid J. **Presse Med** 1985 Feb 16;14(7):413-7 (Eng. Abstr.) **(Fre)**

[Acute mitral insufficiency from bacterial endocarditis after cholecystectomy] Acalovschi I, et al. **Rev Chir** [Chir] 1984 Nov-Dec;33(6):467-70 (Eng. Abstr.) **(Rum)**

[Mitral insufficiency of ischemic origin. Surgical experience] Mestres CA, et al. **Rev Esp Cardiol** 1984 May-Jun; 37(3):201-3 (Eng. Abstr.) **(Spa)**

FAMILIAL & GENETIC

[Hereditary hemorrhagic telangiectasis (Osler disease): intestinal manifestation with mitral valve disease] Heine O, et al. **Chirurg** 1985 Mar;56(3):186-8 **(Ger)**

IMMUNOLOGY

Specificity of persistence of antibody to the streptococcal group A carbohydrate in rheumatic valvular heart disease. Appleton RS, et al. **J Lab Clin Med** 1985 Jan;105(1):114-9

Anti-NADase values in rheumatic fever and valvular disease. Watanabe N, et al. **Jpn Circ J** 1984 Dec;48(12):1343-4

METABOLISM

[Sulfhydryl groups in the mother-fetus-amniotic fluid system in parturients with acquired heart diseases] Grigorian DZ, et al. **Akush Ginekol (Mosk)** 1984 Oct;(10):43-4 (Eng. Abstr.) **(Rus)**

PATHOLOGY

Pathogenesis of severe isolated mitral regurgitation--with special reference to anatomic and hemodynamic characteristics. Fu M, et al. **Taiwan I Hsueh Hui Tsa Chih** 1984 Jul;83(7):682-91

[Surgical anatomy of resected rheumatic mitral valves] Ishihara S, et al. **Kokyu To Junkan** 1985 Jun;33(6):789-98 (Eng. Abstr.) **(Jpn)**

[The characteristics of subvalvular lesions of excised rheumatic mitral valves] Ishihara S, et al. **Kyobu Geka** 1985 Feb;38(2):96-100 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Age-related changes in cardiovascular performance in mitral regurgitation: analysis of 61 patients. Clancy KF, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):442-7

Forward ejection fraction: a new index of left ventricular function in mitral regurgitation. Clancy KF, et al. **Am Heart J** 1985 Sep;110(3):658-64

Acute hemodynamic effects of nitroprusside in children with isolated mitral regurgitation. Nakano H, et al. **Am J Cardiol** 1985 Aug 1;56(4):351-5

Acute severe mitral regurgitation. Pathophysiology, clinical recognition, and management. DePace NL, et al. **Am J Med** 1985 Feb;78(2):293-306 (81 ref.)

Left atrial size, pressure, and V wave height in patients with isolated, severe, pure mitral regurgitation. Pizzarello RA, et al. **Cathet Cardiovasc Diagn** 1984;10(5):445-54

Left ventricular function in mitral valve disease. Toutouzas P. **Herz** 1984 Oct;9(5):297-305

Origin of the third heart sound: comparison of ventricular wall dynamics in hyperdynamic and hypodynamic types. Ishimitsu T, et al. **J Am Coll Cardiol** 1985 Feb;5(2 Pt 1):268-72

Right ventricular function at rest and during exercise in aortic and mitral valve disease. Morrison DA, et al. **J Am Coll Cardiol** 1985 Jan;5(1):21-8

Afterload mismatch in aortic and mitral valve disease: implications for surgical therapy. Ross J Jr. **J Am Coll Cardiol** 1985 Apr;5(4):811-26 (75 ref.)

Improved intraoperative evaluation of mitral valve operations utilizing two-dimensional contrast echocardiography. Mindich BP, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):112-8

Aortic and mitral regurgitation. How to evaluate the condition and when to consider surgical intervention. Grossman W. **JAMA** 1984 Nov 2;252(17):2447-9

Cardiac dimensions and motion shortly after mitral valve surgery. Chiang CW, et al. **Jpn Heart J** 1984 Jul; 25(4):509-21

Intermittent premature mitral valve closure in combined acute severe aortic and mitral regurgitation. Dianzumba SB, et al. **South Med J** 1984 Nov;77(11):1449-52

[Function of the right ventricle in mitral valve defects before and after surgical correction] Schwarz F, et al. **Herz** 1984 Oct;9(5):306-12 (Eng. Abstr.) **(Ger)**

[Frequency, localization and extent of local wall function disorders of the left ventricle in patients with rheumatic mitral valve diseases] Konz KH, et al. **Z Kardiol** 1985 Jun; 74(6):327-34 (Eng. Abstr.) **(Ger)**

[Severe mitral insufficiency without left atrial hypertension] Piscione F, et al. **Boll Soc Ital Cardiol** 1984 Mar-Apr; 29(3-4):173-9 (Eng. Abstr.) **(Ita)**

[High-grade mitral insufficiency without left atrial hypertension] Piscione F, et al. **Cardiologia** 1984 Mar-Apr; 29(3-4):173-9 (Eng. Abstr.) **(Ita)**

[Quantitation of mitral regurgitation by left ventricular blood flow dynamics: a pulsed Doppler echocardiographic study] Sanada J, et al. **J Cardiogr** 1984 Oct;14(3):471-81 (Eng. Abstr.) **(Jpn)**

[Assessment of diastolic mitral regurgitation in complete A-V block--pulsed Doppler echocardiographic study] Sanada J, et al. **Kokyu To Junkan** 1984 Sep;32(9):943-8 (Eng. Abstr.) **(Jpn)**

[Negative U-wave in patients with left ventricular volume overload--aortic versus mitral regurgitation] Yamamoto S, et al. **Kokyu To Junkan** 1984 Oct;32(10):1065-9 (Eng. Abstr.) **(Jpn)**

[Contractile performance of the left ventricle before and after the surgery for mitral regurgitation--with special reference to left ventricular end-systolic volume index as a prognostic indicator] Ohashi H, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Sep;32(9):1293-9 (Eng. Abstr.) **(Jpn)**

[Echocardiographic characteristics of left-ventricular myocardial contraction in pregnant women with mitral valve defects] Titchenko LI. **Akush Ginekol (Mosk)** 1985 Jan;(1):56-9 (Eng. Abstr.) **(Rus)**

[Echocardiographic characteristics of changes in cardiac chambers in pregnant women with combined mitral valve diseases with predominance of stenosis] Titchenko LI. **Akush Ginekol (Mosk)** 1984 Dec;(12):23-5 (Eng. Abstr.) **(Rus)**

[Roentgenologic evaluation of myocardial contractility in heart valve diseases] Matveeva LS, et al. **Kardiologiia** 1984 Jul;24(7):81-4 (Eng. Abstr.) **(Rus)**

[Chronotropic and inotropic heart functions as indicators of myocardial insufficiency and physical work capacity of patients with mitral valve defects] Valevskiĭ SF. **Vrach Delo** 1985 May;(5):70-3 (Eng. Abstr.) **(Rus)**

[Quantitative analysis of left valvular insufficiency by the utilization of radioisotopic technics in equilibrium] Sampere JJ, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):21-5 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

The haemodynamic effects of left ventriculography in coronary artery disease and mitral valve disease: a comparison of high and low osmolality contrast media. Fraser AG, et al. **Eur Heart J** 1984 Sep;5(9):727-34

[Results and indications of coronarography in mitral valvulopathies] Enriquez-Sarano M, et al. **Arch Mal Coeur** 1985 Jan;78(1):65-71 (Eng. Abstr.) **(Fre)**

[Angiocardiographic diagnosis] Villavicencio R, et al. **Bol Asoc Med PR** 1985 Feb;77(2):70-1 **(Spa)**

RADIONUCLIDE IMAGING

Combined first-pass and equilibrium radionuclide ventriculography and comparison with left ventricular/right ventricular stroke count ratio in mitral and aortic regurgitation. Klepzig H Jr, et al. **Am J Cardiol** 1985 Apr 1;55(8):1048-53

Radionuclide angiography in the quantitation of mitral regurgitation. Videll JS, et al. **Chest** 1985 Mar;87(3):315-8

[Radioisotopic quantification of isolated mitral insufficiency] Benjelloun H, et al. **Arch Mal Coeur** 1984 Dec; 77(13):1494-501 (Eng. Abstr.) **(Fre)**

[Quantitative assessment of left-sided valvular regurgitation using the Fourier amplitude ratio--comparison with the stroke count ratio] Kosuda S, et al. **Kaku Igaku** 1985 Apr; 22(4):459-66 (Eng. Abstr.) **(Jpn)**

SURGERY

Results of valve reconstruction for mitral regurgitation secondary to mitral valve prolapse. Penkoske PA, et al. **Am J Cardiol** 1985 Mar 1;55(6):735-8

Left ventricular stress-dimension-shortening relations before and after correction of chronic aortic and mitral regurgitation. Zile MR, et al. **Am J Cardiol** 1985 Jul 1; 56(1):99-105

Combined techniques for double valve replacement in the infant. Kersten TE, et al. **Ann Thorac Surg** 1985 Feb; 39(2):180-4

Risks of mitral valve replacement and mitral valve replacement with coronary artery bypass. Magovern JA, et al. **Ann Thorac Surg** 1985 Apr;39(4):346-52

Mitral valve replacement in the first three months of life. Pollock JC, et al. **Br Heart J** 1984 Nov;52(5):549-51

Experience with 124 consecutive elective mitral valve replacements with a Shanghai-made tilting disc prosthesis. Cai YZ, et al. **Chin Med J [Engl]** 1985 Apr;98(4):299-304

Operative risk of mitral valve replacement: discriminant analysis of 1329 procedures. Scott WC, et al. **Circulation** 1985 Sep;72(3 Pt 2):II108-19

Iatrogenic left main coronary artery stenosis following PTCA or valve replacement. Bashour TT, et al. **Clin Cardiol** 1985 Feb;8(2):114-7

Early haemodynamic effects of mitral valve prosthesis in patients with acquired heart disease. Nikolaenko EM, et al. **Cor Vasa** 1984;26(4):266-74

Mitral valve replacement: experience with 623 consecutive patients. John S, et al. **Indian Heart J** 1984 Nov-Dec; 36(6):352-7

Mitral valve replacement with Bjork-Shiley valve. Srivastava AK, et al. **Indian Heart J** 1984 Nov-Dec; 36(6):358-62

Late results of combined mitral valve replacement and coronary bypass surgery. Kay PH, et al. **J Am Coll Cardiol** 1985 Jan;5(1):29-33

Left ventricular outflow obstruction: a complication of mitral valvuloplasty. Kronzon I, et al. **J Am Coll Cardiol** 1984 Oct;4(4):825-8

Giant left atrium and mitral valve disease: early and late results of surgical treatment in 40 cases. Piccoli GP, et al. **J Cardiovasc Surg (Torino)** 1984 Jul-Aug;25(4):328-36

Aortic and mitral valve replacement: Part 2. Olivieri P, et al. **J Med Soc NJ** 1984 Dec;81(12):1055-63

Aortic and mitral valve replacement: Part 1. Olivieri PJ, et al. **J Med Soc NJ** 1984 Nov;81(11):949-55

Mitral valve replacement for mitral regurgitation with and without preservation of chordae tendineae. David TE, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):718-25

Transposition of posterior leaflet for treatment of ruptured main chordae of the anterior mitral leaflet. Lessana A, et al. **J Thorac Cardiovasc Surg** 1985 May;89(5):804-6

Mitral regurgitation due to ruptured chordae tendineae. Early and late results of valve repair. Orszulak TA, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):491-8

Late surgical results for ischemic mitral regurgitation. Role of wall motion score and severity of regurgitation. Pinson CW, et al. **J Thorac Cardiovasc Surg** 1984 Nov;88(5 Pt 1):663-72

Experiences with the Carpentier techniques of mitral valve reconstruction in 103 patients (1980-1985). Spencer FC, et al. **J Thorac Cardiovasc Surg** 1985 Sep;90(3):341-50

Operation for acute postinfarction mitral insufficiency and cardiogenic shock. Tepe NA, et al. **J Thorac Cardiovasc Surg** 1985 Apr;89(4):525-30

Thrombosed Lillehei-Kaster mitral prosthesis. Konishi Y, et al. **Nippon Geka Hokan** 1985 Mar 1;54(2):123-9

Strut fracture in the Björk-Shiley mitral valve prosthesis--two case reports. Goerttler U, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):320-1

Functional tricuspid insufficiency: conservative or operative management. Klepetko W, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):167-72

The surgical management of all the mechanical complications of myocardial infarction in the same patient. Lukács L, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):53-4

Late (11 to 19 years) assessment of hemodynamic and prosthetic valve function in patients with Starr Edwards ball valves: a non-invasive study utilizing 99m-technetium pertechnetate scintigraphy. Reichart B, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):162-6

Study of the risk factors related to early mortality following combined mitral valve replacement and coronary artery bypass grafting. Yadav KS, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):16-9

[Surgical treatment of mechanical complications of myocardial infarction after 65 years of age] Donzeau-Gouge P, et al. **Ann Cardiol Angeiol (Paris)** 1984 Oct;33(6):379-83 (Eng. Abstr.) **(Fre)**

[Surgical treatment of postinfarction mitral insufficiency. By the Working Group on Valve Diseases of the French Society of Cardiology] **Arch Mal Coeur** 1984 Sep; 77(9):1046-53 (Eng. Abstr.) **(Fre)**

[Valve replacement associated with aorto-coronary bypass in ischemic mitral insufficiency] Glock Y, et al. **Arch Mal Coeur** 1985 Jun;78(6):869-75 (Eng. Abstr.) **(Fre)**

[Remote results of mitral valve surgery in mitral valve insufficiency, 1972–1982] Schmidli J, et al. **Schweiz Med Wochenschr** 1985 Mar 30;115(13):430–9 (Eng. Abstr.) (Ger)

[Mitral commissurotomy or mitral valve replacement. Comparison of results of closed and open operative procedures in acquired mitral valve stenoses and combined mitral valve defects, predominantly stenosis] Ursinus W. **Zentralbl Chir** 1984;109(21):1380–90 (Eng. Abstr.) (Ger)

[Cardiac valve replacement in children. Experience in 18 cases] Baudet E, et al. **Minerva Cardioangiol** 1984 Sep; 32(9):593–8 (Eng. Abstr.) (Ita)

[Case report of successful surgery in ruptured chordae causing severe acute mitral regurgitation and cardiac failure] Izumi S, et al. **Kyobu Geka** 1984 Nov;37(12):971–3 (Eng. Abstr.) (Jpn)

[Long-term observation of a child treated with mitral valve replacement using a Starr-Edwards (0M) ball valve] Kotsuka Y, et al. **Kyobu Geka** 1984 Aug;37(8):620–5 (Eng. Abstr.) (Jpn)

[Preoperative glucagon-insulin therapy on the patient with hepatic failure secondary to combined valvular disease] Kumagae T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):732–5 (Eng. Abstr.) (Jpn)

[Surgical treatment of severe valvular insufficiency due to or accompanied with infected endocarditis] Motohiro K, et al. **Kyobu Geka** 1984 Sep;37(10):793–8 (Eng. Abstr.) (Jpn)

[Clinical study of the William Harvey H-1700 oxygenator for open heart surgery] Tomizawa Y, et al. **Kyobu Geka** 1985 Jun;38(6):455–8 (Eng. Abstr.) (Jpn)

[Valvuloplasty for congenital mitral valvular diseases] Ohishi K, et al. **Nippon Geka Gakkai Zasshi** 1984 Sep;85(9):902–5 (Eng. Abstr.) (Jpn)

[Mitral valve replacement in a case of Ehlers-Danlos syndrome] Kitagawa M, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Jul;32(7):1073–7 (Eng. Abstr.) (Jpn)

[Supraventricular arrhythmias following mitral valve operations--a complication related to surgical incision into the atrium] Watanabe S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):161–9 (Eng. Abstr.) (Jpn)

[Ventricular septal defects with mitral regurgitation] Ogawa M, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):441–7 (Eng. Abstr.) (Jpn)

[Manouguian's aortic annulus enlargement to allow single or double valve replacement--comparison with other surgical procedures] Tokunaga K, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):463–72 (Eng. Abstr.) (Jpn)

[Valvuloplasty for mitral insufficiency: technics and results] Kalil RA, et al. **Arq Bras Cardiol** 1981 Oct;37(4):315–9 (Eng. Abstr.) (Por)

[Examination and preoperative preparation of cardiosurgery patients with cardiac cachexia syndrome] Kozlov IA, et al. **Anesteziol Reanimatol** 1984 Jul–Aug;(4):3–8 (Eng. Abstr.) (Rus)

[Annuloplasty of the left atrioventricular orifice with a knitted supporting ring in rheumatic mitral valve insufficiency] Kaldash AN, et al. **Grudn Khir** 1984 Sep–Oct;(5):9–12 (Eng. Abstr.) (Rus)

[Immediate and late results of closed mitral commissurotomy in patients over 50] Putov NV, et al. **Klin Med (Mosk)** 1985 Jan;63(1):51–4 (Eng. Abstr.) (Rus)

[Mitral valve replacement in children with a Björk-Shiley prosthesis] Martínez Ruiz JG, et al. **Arch Inst Cardiol Mex** 1984 Nov–Dec;54(6):569–74 (Eng. Abstr.) (Spa)

THERAPY

Resolution of congestive failure, mitral regurgitation, and angina after percutaneous transluminal coronary angioplasty of triple vessel disease. Reinfeld HB, et al. **Cathet Cardiovasc Diagn** 1985;11(3):273–7

[Bacterial infection of an Ionescu-Shiley bioprosthesis. Morphologic studies] Hey A, et al. **Dtsch Med Wochenschr** 1985 Sep 20;110(38):1457–60 (Eng. Abstr.) (Ger)

VETERINARY

Acute hemodynamic effects of hydralazine in dogs with chronic mitral regurgitation. Kittleson MD, et al. **J Am Vet Med Assoc** 1985 Aug 1;187(3):258–61

MITRAL VALVE PROLAPSE

Mitral valve prolapse. An update. Jeresaty RM. **JAMA** 1985 Aug 9;254(6):793–5

BLOOD

Platelet activity in mitral valve prolapse: a study of platelet aggregation, malondialdehyde production, and plasma beta-thromboglobulin. Arocha F, et al. **Am J Hematol** 1985 May;19(1):21–5

Mitral valve prolapse [letter] Popovsky MA, et al. **Transfusion** 1985 Jul–Aug;25(4):398

COMPLICATIONS

Prevalence of mitral valve prolapse in younger patients with cerebral ischaemic attacks. A blinded controlled study. Egeblad H, et al. **Acta Med Scand** 1984;216(4):385–91

Cardiac disease in patients with reversible cerebral ischemic events. Scheibel M, et al. **Acta Med Scand** 1985; 217(4):417–21

Mitral valve prolapse and bacterial endocarditis: when is antibiotic prophylaxis necessary? Hickey AJ, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):431–5

Flail mitral valve syndrome: comparison with chronic mitral regurgitation of other etiologies. Ren JF, et al. **Am Heart J** 1985 Mar;109(3 Pt 1):435–42

Identification of the increased frequency of cardiovascular abnormalities associated with mitral valve prolapse by two-dimensional echocardiography. Chandraratna PA, et al. **Am J Cardiol** 1984 Dec 1;54(10):1283–5

Mitral valve prolapse and ruptured chordae tendineae. Jeresaty RM, et al. **Am J Cardiol** 1985 Jan 1;55(1):138–42

Complex arrhythmias in mitral regurgitation with and without mitral valve prolapse: contrast to arrhythmias in mitral valve prolapse without mitral regurgitation. Kligfield P, et al. **Am J Cardiol** 1985 Jun 1;55(13 Pt 1):1545–9

Aneurysm (redundancy) of the atrial septum (fossa ovale membrane) and prolapse (redundancy) of the mitral valve. Roberts WC. **Am J Cardiol** 1984 Nov 1;54(8):1153–4

Mitral valve prolapse in sickle cell disease: manifestation of a generalized connective tissue disorder. Lippman SM, et al. **Am J Hematol** 1985 May;19(1):1–12

Mitral valve prolapse--another cause of intraoperative dysrhythmias in the pediatric patient. Berry FA, et al. **Anesthesiology** 1985 May;62(5):662–4

Association between arrhythmias and mitral valve prolapse [editorial] Alpert JS. **Arch Intern Med** 1984 Dec; 144(12):2333–4

Arrhythmias in mitral valve prolapse. Effect of selection bias. Kramer HM, et al. **Arch Intern Med** 1984 Dec; 144(12):2360–4

Mitral valve prolapse in sickle cell disease. Presumptive evidence for a linked connective tissue disorder. Lippman SM, et al. **Arch Intern Med** 1985 Mar;145(3):435–8

Dissecting aneurysm of the aorta: an unusual complication of mitral valve prolapse. Altieri PI, et al. **Bol Asoc Med PR** 1984 Aug;76(8):347–8

Chordal rupture: aetiology and natural history [letter] Alpan G, et al. **Br Heart J** 1984 Nov;52(5):595–6

Mitral valve prolapse in hyperthyroidism of two different origins. Brauman A, et al. **Br Heart J** 1985 Apr;53(4):374–7

Mitral valve prolapse associated with other disorders. Casual coincidence, common link, or fundamental genetic disturbance? Malcolm AD. **Br Heart J** 1985 Apr; 53(4):353–62 (102 ref.)

Mitral valve prolapse and anxiety disorders: no longer an enigma [letter] Bass C. **Br J Psychiatry** 1984 Oct;145:447–8

Increased prevalence of mitral valve prolapse in patients with migraine. Spence JD, et al. **Can Med Assoc J** 1984 Dec 15;131(12):1457–60

Pathologic features of sudden death in children, adolescents, and young adults. Topaz O, et al. **Chest** 1985 Apr; 87(4):476–82

Mitral valve prolapse syndrome with coronary artery spasm: a possible cause of recurrent ventricular tachyarrhythmia. Sakuma T, et al. **Clin Cardiol** 1985 May;8(5):306–8

Mitral valve prolapse and infective endocarditis. Roucaut G, et al. **Eur Heart J** 1984 Oct;5 Suppl C:81–5

The myxomatous mitral valve. A risk factor for ischemic stroke in young patients? Zenker G, et al. **Eur Neurol** 1985; 24(1):82–4

Bacterial endocarditis after Hurst bougienage in a patient with a benign esophageal stricture and mitral valve prolapse. Niv Y, et al. **Gastrointest Endosc** 1985 Aug; 31(4):265–7

Mitral valve prolapse and Factor VIII complex abnormalities. Gamba G, et al. **Haematologica (Pavia)** 1984 Sep–Oct;69(5):549–55

Migraine and mitral valve prolapse [letter] Guidotti M, et al. **Headache** 1985 Jun;25(4):223–4

Mitral valve prolapse. Dean GA. **Hosp Pract [Off]** 1985 Sep 15;20(9):75–82

Irritable bowel, mitral valve prolapse, and associated conditions [letter] **JAMA** 1985 Jul 19;254(3):358–60

Irritable bowel syndrome and mitral valve prolapse syndrome [letter] Sataline L. **JAMA** 1985 Jan 4;253(1):41

Arrhythmias in patients with mitral valve prolapse. Types, evaluation, and therapy. Mason DT, et al. **Med Clin North Am** 1984 Sep;68(5):1039–49

Mitral valve prolapse syndrome: etiology and symptomatology. Cornell LV. **Nurse Pract** 1985 Apr; 10(4):25–6, 29, 34

Mitral valve prolapse and panic disorder. Crowe RR. **Psychiatr Clin North Am** 1985 Mar;8(1):63–71

Urinary catecholamines and mitral valve prolapse in panic-anxiety patients. Nesse RM, et al. **Psychiatry Res** 1985 Jan;14(1):67–75

Late development of electrocardiographic abnormalities after a stroke. Bedell SE, et al. **South Med J** 1985 Feb; 78(2):218–9

Cerebral ischemic attacks as a complication of aortic and mitral valve prolapse. Barletta GA, et al. **Stroke** 1985 Mar–Apr;16(2):219–23

The enigma of the risk of stroke in mitral valve prolapse. Boughner DR, et al. **Stroke** 1985 Mar–Apr;16(2):175–7 (29 ref.)

Mitral valve prolapse and embolic stroke [letter] Hart RG, et al. **Stroke** 1985 Mar–Apr;16(2):334

Mitral-valve prolapse presenting with seizures: case report. Smirniotopoulos TT, et al. **Va Med** 1984 Nov; 111(11):699–700

[Sudden death in mitral valve prolapse. Apropos of 2 cases] Danchin N, et al. **Ann Cardiol Angeiol (Paris)** 1985 Mar; 34(3):151–4 (Eng. Abstr.) (Fre)

[A case of Steinert's disease associated with Barlow's disease] Berkman N, et al. **Bull Soc Ophtalmol Fr** 1984 Jan; 84(1):41–4 (Fre)

[Complications of mitral valve prolapse] Bensaid J. **Presse Med** 1985 Feb 16;14(7):413–7 (Eng. Abstr.) (Fre)

[Basedow's disease, Marfan's disease and mitral valve prolapse (letter)] Sablayrolles B, et al. **Presse Med** 1985 Mar 9;14(10):598–9 (Fre)

[Prevalence, therapeutic modification and prognostic significance of ventricular arrhythmias in the mitral valve prolapse syndrome] Kafka W. **Z Kardiol** 1985 Apr; 74(4):245–53 (Eng. Abstr.) (Ger)

[Psychopathologic features of patients with mitral prolapse] Ravizza L, et al. **Minerva Psichiatr** 1985 Jan–Mar;26(1):1–9 (Eng. Abstr.) (Ita)

[Mitral valve prolapse and its complications] Shigenobu M, et al. **Kyobu Geka** 1984 Jul;37(7):504–9 (Eng. Abstr.) (Jpn)

[Dynamic electrocardiography in patients with mitral valve prolapse] de Oliveira Júnior W, et al. **Arq Bras Cardiol** 1984 Sep;43(3):173–7 (Eng. Abstr.) (Por)

[Ventricular fibrillation during the ergometric test in a young woman with mitral valve prolapse. Report of a case] de Oliveira Júnior W, et al. **Arq Bras Cardiol** 1984 Oct; 43(4):259–62 (Eng. Abstr.) (Por)

[Mitral valve prolapse and cerebral ischemia] Jovanović I, et al. **Srp Arh Celok Lek** 1984 Feb;112(2):215–21 (Eng. Abstr.) (Scc)

[Beuren-Williams syndrome and mitral prolapse] Luna G, et al. **Rev Clin Esp** 1985 Feb;176(3):149–51 (Spa)

DIAGNOSIS

Diagnostic precision of echocardiography in mitral valve prolapse. Wann LS, et al. **Am Heart J** 1985 Apr; 109(4):803–8

Combined atrial septal aneurysm and mitral valve prolapse: detection by two-dimensional echocardiography. Iliceto S, et al. **Am J Cardiol** 1984 Nov 1;54(8):1151–3

Mitral valve prolapse: clinical spectrum of 125 patients referred to a cardiac center [letter] Greenwood RD. **Clin Pediatr (Phila)** 1984 Nov;23(11):659–60

Shape analysis of two-dimensional echocardiograms in mitral valve prolapse. Stickels K, et al. **Comput Biomed Res** 1985 Jun;18(3):287–302

Panics, prolapse, and PVCs. Muskin PR. **Gen Hosp Psychiatry** 1985 Jul;7(3):219–23

Mitral valve aneurysm revealed by cross-sectional echocardiography in a patient with mitral valve prolapse. Rückel A, et al. **Int J Cardiol** 1984 Nov;6(5):633–7

Dermatoglyphs in children with mitral valve prolapse. Tay JS, et al. **J Med Genet** 1985 Apr;22(2):135–6

Mitral valve prolapse. Recognizing and treating its manifestations and complications. Snyder DW. **Postgrad Med** 1985 Apr;77(5):281–4, 286–8

Mitral valve prolapse. Devereux RB. **Primary Care** 1985 Mar; 12(1):39–54

Symptomatic mitral valve prolapse and diagnostic considerations [letter] Folks DG. **South Med J** 1984 Nov; 77(11):1479

[The clinical picture and the most frequent diagnostic errors and problems in the evaluation of primary mitral valve prolapse] Janota T, et al. **Cas Lek Cesk** 1985 Mar 8; 124(10):308–12 (Eng. Abstr.) (Cze)

[Cardiovascular abnormalities in Marfan's syndrome; an echocardiographic study] Draulans-Noë HA, et al. **Ned Tijdschr Geneeskd** 1985 Apr 13;129(15):688–93 (Eng. Abstr.) (Dut)

[Diagnosis and clinical significance of mitral valve prolapse] Curtius JM, et al. **Dtsch Med Wochenschr** 1985 Apr 12; 110(15):592–5 (Ger)

[Mitral leaflet prolapse syndrome; correlation of data obtained by one-dimensional echocardiographic and angiographic studies] Kornacewicz-Jach Z. **Pol Arch Med Wewn** 1985 Feb;73(2):81–9 (Eng. Abstr.) (Pol)

[Clinical picture of idiopathic mitral valve prolapse in 61 patients] Kornacewicz-Jach Z. **Pol Tyg Lek** 1985 Mar 11; 40(10):281–4 (Eng. Abstr.) (Pol)

[Mitral valve prolapse. Still a diagnostic challenge?] Ortiz J. **Arq Bras Cardiol** 1984 Nov;43(5):287–91 (Por)

[Mitral valve prolapse] Belokon' NA, et al. **Revmatologiia (Moskva)** 1984 Jul–Sep;(3):51–5 (Rus)

[Clinico-instrumental diagnosis of a prolapsed mitral valve in children] Prikhod'ko VS, et al. **Revmatologiia (Moskva)** 1985 Jan–Mar;(1):41–3 (Eng. Abstr.) (Rus)

DRUG THERAPY

[Mitral valve prolapse. Evaluation of the efficacy of nadolol on the control of clinical symptoms and on the normalization of electrocardiographic tracings] Bichuette HS. **Arq Bras Cardiol** 1984 Dec;43(6):449–56 (Eng. Abstr.) (Por)

ETIOLOGY

Mitral valve prolapse related to geometric changes of the heart in cases of progressive muscular dystrophy [letter] Cheng TO. **Clin Cardiol** 1985 Jan;8(1):63

Mitral valve prolapse secondary to right ventricular enlargement in patients with pulmonary hypertension after toxic rapeseed oil ingestion. García-Dorado D, et al. **Eur Heart J** 1985 Jan;6(1):85–90

The possible role of natriuretic hormone in idiopathic oedema and mitral valve prolapse--a hypothesis. Vaidya AB. **J Postgrad Med** 1984 Oct;30(4):255–6

[Mitral valve prolapse in patients with anorexia nervosa] Oka Y, et al. **J Cardiogr** 1984 Oct;14(3):483–91 (Eng. Abstr.) **(Jpn)**

[Familial deficit of antithrombin III and mitral valve prolapse (letter)] Pigrau C, et al. **Med Clin (Barc)** 1984 Jun 2;83(1):43 **(Spa)**

FAMILIAL & GENETIC

The familial incidence of mitral valve prolapse. A report of three generations in one family. Pader E. **NY State J Med** 1984 Aug;84(8):395–6

[Mitral valve prolapse in 2 twin homozygote sisters] S'Jongers J, et al. **Union Med Can** 1985 Jul;114(7):597–600 (Eng. Abstr.) **(Fre)**

HISTORY

Historical beginnings of the mitral valve prolapse syndrome. Bartecchi CE. **Am J Cardiol** 1984 Nov 1;54(8):1165–6

From irritable heart to mitral valve prolapse: British Army medical reports, 1860 to 1870. Wooley CF. **Am J Cardiol** 1985 Apr 1;55(8):1107–9

From the 'irritable heart' of DaCosta to mitral valve prolapse: the development of medical thought about a constitutional, neuroendocrine cardiovascular process. Wooley CF. **J Cardiogr** 1984 Oct;14 Suppl 5:9–10

IMMUNOLOGY

Chronic thyroiditis and mitral valve prolapse. Marks AD, et al. **Ann Intern Med** 1985 Apr;102(4):479–83

NURSING

Mitral valve prolapse: physical assessment complications and management. Hunt AH. **Nurse Pract** 1985 Apr;10(4):15–7, 20–1

OCCURRENCE

Prevalence of mitral valve prolapse in Hong Kong Chinese. A clinical and autopsy study. Chen WC, et al. **Chin Med J [Engl]** 1984 May;97(5):352–6

Prevalence of mitral valve prolapse in presumably healthy Korean adults. Lee WR, et al. **Clin Cardiol** 1985 Jun;8(6):356–8

Prevalence of mitral valve prolapse in normal children. Warth DC, et al. **J Am Coll Cardiol** 1985 May;5(5):1173–7

[Hyperthyroidism and mitral valve prolapse. Comparative 2-dimensional echocardiographic study of a hyperthyroid and a control population, linking 104 patients (letter)] Roussanne A, et al. **Rev Med Interne** 1985 Jan;6(1):82–3 **(Fre)**

PATHOLOGY

Relation of mitral valve prolapse to left ventricular size in Marfan's syndrome. Lima SD, et al. **Am J Cardiol** 1985 Mar 1;55(6):739–43

Mitral valve prolapse related to geometrical changes of the heart in cases of progressive muscular dystrophy. Yazawa Y. **Clin Cardiol** 1984 Apr;7(4):198–204

Clinico-pathologic conference: a 71-year-old woman with sudden onset dyspnea. Rex D. **Indiana Med** 1984 Dec;77(12):950–5

Primary (spontaneous) chordal rupture: relation to myxomatous valve disease and mitral valve prolapse. Hickey AJ, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1341–6

Isolated mitral valve prolapse: chordal architecture as an anatomic basis in older patients. van der Bel-Kahn J, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1335–40

[A study on prolapse of the mitral valve in autopsy-proved papillary muscle dysfunction] Ohkawa S, et al. **J Cardiogr** 1984 Aug;14(2):335–44 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Considerations on the mechanism of the systolic click of mitral valve prolapse. Luisada AA, et al. **Acta Cardiol (Brux)** 1985;40(3):301–5

Relationship between auscultatory events and structural abnormalities in mitral valve prolapse: a two-dimensional echocardiographic evaluation. Arvan S, et al. **Am Heart J** 1984 Nov;108(5):1298–306

Evaluation of the association of mitral valve prolapse in patients with Wolff-Parkinson-White type ECG and its relationship to the ventricular activation pattern. Drake CE, et al. **Am Heart J** 1985 Jan;109(1):83–7

Sensitivity and specificity of two-dimensional echocardiographic signs of mitral valve prolapse. Alpert MA, et al. **Am J Cardiol** 1984 Oct 1;54(7):792–6

Billowing, floppy, prolapsed or flail mitral valves? Barlow JB, et al. **Am J Cardiol** 1985 Feb 1;55(4):501–2

Normal catecholamine and hemodynamic responses to orthostatic tilt in subjects with mitral valve prolapse. Correlation with psychologic testing. Chesler E, et al. **Am J Med** 1985 May;78(5):754–60

Mitral valve prolapse. Kowalski SE. **Can Anaesth Soc J** 1985 Mar;32(2):138–41 (15 ref.)

Possible platelet activation during exercise in mitral valve prolapse patients. Bricaud H, et al. **Cardiologia** 1985 Jan;30(1):21–4

Echocardiographic findings of mitral and tricuspid valve prolapse in primary pulmonary hypertension. Arditti A, et al. **Isr J Med Sci** 1985 Jun;21(6):504–10

Ventricular arrhythmias and mitral valve prolapse in childhood. Kavey RE, et al. **J Pediatr** 1984 Dec;105(6):885–90

Arrhythmia in young patients with mitral valve prolapse. Kumaki T, et al. **Jpn Circ J** 1984 Dec;48(12):1383–6

Effect of coenzyme Q10 on the stress-induced decrease of cardiac performance in pediatric patients with mitral valve prolapse. Oda T, et al. **Jpn Circ J** 1984 Dec;48(12):1387

[Mitral valve prolapse. Results of electrophysiological studies] Perrot B, et al. **Arch Mal Coeur** 1985 Jul;78(7):1001–8 (Eng. Abstr.) **(Fre)**

[Polycardiographic indicators of left-ventricular systolic and diastolic time intervals in patients with mitral valve prolapse] Gross E, et al. **Pol Tyg Lek** 1984 Jun 11;39(24):811–3 (Eng. Abstr.) **(Pol)**

[Mitral valve prolapse syndrome] Tomić M. **Srp Arh Celok Lek** 1983 Aug;111(8):1133–41 **(Scc)**

RADIONUCLIDE IMAGING

Mitral valve prolapse in the ventriculogram: scintigraphic, electrocardiographic, and hemodynamic abnormalities. Tebbe U, et al. **Clin Cardiol** 1985 Jun;8(6):341–7

SURGERY

Results of valve reconstruction for mitral regurgitation secondary to mitral valve prolapse. Penkoske PA, et al. **Am J Cardiol** 1985 Mar 1;55(6):735–8

Mitral valve prolapse requiring surgery. Clinical and pathologic study. Tresch DD, et al. **Am J Med** 1985 Feb;78(2):245–50

The results of valve replacement for mitral valve prolapse. Old WL 3d, et al. **Ann Thorac Surg** 1985 Jul;40(1):31–4

Surgical treatment of mitral systolic click syndrome: results in 37 patients. Reece IJ, et al. **Ann Thorac Surg** 1985 Feb;39(2):155–8

THERAPY

[Therapy of mitral valve prolapse and its complications] Curtius JM, et al. **Dtsch Med Wochenschr** 1985 Apr 12;110(15):595–7 **(Ger)**

VETERINARY

Spontaneous mitral valve prolapse in a breeding colony of rhesus monkeys. Swindle MM, et al. **Circulation** 1985 Jan;71(1):146–53

MITRAL VALVE STENOSIS

Spinal anaesthesia for caesarean section. Management of a parturient with severe cardiovascular disease. Mostafa SM. **Br J Anaesth** 1984 Nov;56(11):1275–7

CLASSIFICATION

[Functiono-morphological principles of classification of mitral valve stenosis] Pokrovskaia IV, et al. **Kardiologiia** 1984 Jul;24(7):30–3 (Eng. Abstr.) **(Rus)**

COMPLICATIONS

Left coronary-pulmonary artery fistulae in a subject with mitral stenosis: a case report. Gherarducci G, et al. **Boll Soc Ital Cardiol** 1984 May-Jun;29(5–6):283–8

A complicated case of mitral valve disease. James SE, et al. **Br Heart J** 1985 Mar;53(3):337–40

Left coronary-pulmonary artery fistulae in a subject with mitral stenosis: a case report. Gherarducci G. et al. **Cardiologia** 1984 May-Jun;29(5–6):283–8

A rare case of an adult with mitral, pulmonary and tricuspid valve stenosis with an interatrial communication and acquired cyanosis. Patwardhan AM, et al. **Indian Heart J** 1984 Jul-Aug;36(4):257–9

Percutaneous lung biopsy in mitral valve disease. Pendsey SP, et al. **Indian J Med Sci** 1984 Sep;38(9):177–80

Noninvasive detection of aortic insufficiency in patients with mitral stenosis by pulsed Doppler echocardiography. Saal AK, et al. **J Am Coll Cardiol** 1985 Jan;5(1):176–81

The significance of psychosocial factors in predicting coronary disease in patients with valvular heart disease. Cooper CL, et al. **Soc Sci Med** 1985;20(4):315–8

[Systemic embolism in mitral valve disease] Sighieri C, et al. **Boll Soc Ital Cardiol** 1984 Nov;29(11):529–39 (Eng. Abstr.) **(Ita)**

[A case of mitral stenosis presenting left sided heart failure--consideration on the genesis of left ventricular dysfunction in mitral stenosis] Matsuyama K, et al. **Kokyu To Junkan** 1985 May;33(5):699–703 (Eng. Abstr.) **(Jpn)**

[A case of left ventricular aneurysm with normal coronary artery in mitral stenosis] Fujiwara T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):718–21 (Eng. Abstr.) **(Jpn)**

[Ball thrombus of the left atrium: a case report of a successful removal] Kuribayashi R, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):516–20 (Eng. Abstr.) **(Jpn)**

[Long-term results of tricuspid annuloplasty for tricuspid regurgitation with acquired mitral valvular disease] Takeuchi K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Mar;33(3):339–45 (Eng. Abstr.) **(Jpn)**

[Pulmonary hypertension in mitral valve defect] Krzyś T, et al. **Wiad Lek** 1985 Apr 15;38(8):579–83 (29 ref.) (Eng. Abstr.) **(Pol)**

[Myocardial infarct in rheumatic mitral valve defects] Khetagurov AD, et al. **Ter Arkh** 1985;57(4):108–10 (Eng. Abstr.) **(Rus)**

CONGENITAL

Mitral valve replacement in the neonate: a report of two cases. Duncan WJ, et al. **Pediatr Cardiol** 1984;5(4):307–11

[Reconstructive surgery for congenital mitral stenosis--report of 2 cases of children] Matsukawa T, et al. **Kyobu Geka** 1984 Nov;37(12):920–6 (Eng. Abstr.) **(Jpn)**

[A successful operative case of congenital mitral stenosis with ventricular septal defect and severe pulmonary hypertension] Fujiwara K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Dec;32(12):2123–30 (Eng. Abstr.) **(Jpn)**

[Congenital mitral stenosis--comments on a clinical case] Dimitriu AG, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec;88(4):741–2 (Eng. Abstr.) **(Rum)**

[Congenital stenosis of the mitral opening] Galstian AA, et al. **Pediatriia** 1985 Mar;(3):69–71 **(Rus)**

DIAGNOSIS

Frequency of mitral valve dysfunction from mitral anular calcium as detected by Doppler echocardiography. Labovitz AJ, et al. **Am J Cardiol** 1985 Jan 1;55(1):133–7

Using Doppler ultrasound to quantify mitral valvular disease. Salinger M, et al. **Arch Intern Med** 1984 Nov;144(11):2223–5

Echocardiography cases. Mitral valve stenosis. Johnson CD. **Bol Asoc Med PR** 1985 May;77(5):209–11

Measurement of the end-diastolic pressure gradient and mitral valve area in mitral stenosis by Doppler ultrasound. Robson DJ, et al. **Eur Heart J** 1984 Aug;5(8):660–7

Impedance cardiography in mitral valve diseases. Parulkar GB, et al. **Indian Heart J** 1985 Jan-Feb;37(1):37–42

Echocardiogram processing and classification using data-dependent systems analysis. Ambardar A, et al. **ISA Trans** 1984;23(3):57–64

Underestimation of prosthetic mitral valve areas: role of transseptal catheterization in avoiding unnecessary repeat mitral valve surgery. Schoenfeld MH, et al. **J Am Coll Cardiol** 1985 Jun;5(6):1387–92

Early diastolic posterior aortic root slope, a clinical guide to the severity of mitral stenosis. Sniderman A, et al. **J Chronic Dis** 1985;38(9):767–74

[Corrected transposition of the great vessels with stenosis of the left atrioventricular valve in a 40-year-old woman] Landau JF, et al. **Arch Mal Coeur** 1984 Oct;77(10):1132–5 (Eng. Abstr.) **(Fre)**

[Doppler-echocardiographic determination of the degree of severity of mitral stenosis] Dennig K, et al. **Herz** 1984 Aug;9(4):222–30 (Eng. Abstr.) **(Ger)**

[Doppler sonographic determination of the degree of severity of mitral valve stenoses] Niehues B, et al. **Z Kardiol** 1985 Jan;74(1):23–31 (Eng. Abstr.) **(Ger)**

[Phonometric study of the 1st heart sound in mitral stenosis] Longhini C, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):971–4 (Eng. Abstr.) **(Ita)**

[Left atrial echocardiographic dimensions in mitral valve disease with chronic atrial fibrillation: comparison with mitral valve disease in sinus rhythm and sclerotic cardiopathy with chronic atrial fibrillation] Sannito N, et al. **Boll Soc Ital Cardiol** 1984 Mar-Apr;29(3–4):231–6 (Eng. Abstr.) **(Ita)**

[Evaluation of the mitral valve and subvalvular structures in pure mitral stenosis by cross-sectional echocardiography] Ohta T, et al. **Kokyu To Junkan** 1985 Mar;33(3):325–31 (Eng. Abstr.) **(Jpn)**

[Diagnostic value of type M echocardiography and two-dimensional echocardiography in qualifying patients with mitral valve stenosis for surgical treatment] Pracka H, et al. **Kardiol Pol** 1984;27(9):731–40 (Eng. Abstr.) **(Pol)**

[Atypical case of stenosis of the left venous outlet] Włodarska EK, et al. **Kardiol Pol** 1985;28(1):71–5 (Eng. Abstr.) **(Pol)**

[Diagnosis of subvalvular adhesions in mitral stenosis by 2--dimensional echocardiography] Zaretskii VV, et al. **Kardiologiia** 1985 Mar;25(3):68–70 (Eng. Abstr.) **(Rus)**

[Echocardiographic indicators in pregnant women with mitral valve defects] Titchenko LI. **Sov Med** 1984;(8):64–8 **(Rus)**

[Change of velocity in the echocardiographic dimensions of the left ventricle: its diagnostic value in severe mitral stenosis or insufficiency] Eguaras MG, et al. **Rev Esp Cardiol** 1985 Jan-Feb;38(1):34–7 (Eng. Abstr.) **(Spa)**

DRUG THERAPY

[Effect of a single dose of strophanthin on left and right ventricular function and pulmonary circulation in patients with mitral stenosis and preserved sinus rhythm] Poloński L, et al. **Pol Arch Med Wewn** 1984 Jun;71(6):355-62 (Eng. Abstr.) **(Pol)**

[Evaluation of the hemodynamic effects of nitroglycerin in mitral stenosis and insufficiency. A guide to their management] González Juanatey JR, et al. **Rev Esp Cardiol** 1985 Mar-Apr;38(2):108-12 (Eng. Abstr.) **(Spa)**

ETIOLOGY

Mitral obstruction in bacterial endocarditis. Ghosh PK, et al. **Br Heart J** 1985 Mar;53(3):341-4

Valvular myxoma causing mitral stenosis: case report. Enzenauer RW, et al. **Milit Med** 1984 Sep;149(9):519-21

PATHOLOGY

Pathology of surgically excised mitral valves. One hundred consecutive cases. Hanson TP, et al. **Arch Pathol Lab Med** 1985 Sep;109(9):823-8

Cardiac valve orifice equation independent of valvular flow intervals: application to mitral valve area computation in mitral stenosis and comparison with the Gorlin formula and direct anatomical measurements. Seitz W, et al. **Cardiovasc Res** 1984 Nov;18(11):669-74

Pulmonary parenchymal changes in rheumatic mitral stenosis in India with special reference to the juvenile group. Randhawa PS, et al. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):273-9

[Initial experience with calculation of the surface area of the stenosed mitral opening according to a formula not dependent on diastolic pressure gradients] Munclinger M, et al. **Cas Lek Cesk** 1984 Nov 23;123(47):1437-9 (Eng. Abstr.) **(Cze)**

[Surgical anatomy of resected rheumatic mitral valves] Ishihara S, et al. **Kokyu To Junkan** 1985 Jun;33(6):789-98 (Eng. Abstr.) **(Jpn)**

[The characteristics of subvalvular lesions of excised rheumatic mitral valves] Ishihara S, et al. **Kyobu Geka** 1985 Feb;38(2):96-100 (Eng. Abstr.) **(Jpn)**

PHYSIOPATHOLOGY

Response of the right ventricle to exercise in isolated mitral stenosis. Cohen M, et al. **Am J Cardiol** 1985 Apr 1; 55(8):1054-8

Dynamic intracavitary left atrial echoes in mitral stenosis. Iliceto S, et al. **Am J Cardiol** 1985 Feb 15;55(5):603-6

Relation of body habitus to the severity of mitral stenosis in women. Nestico PF, et al. **Am J Cardiol** 1985 Mar 1; 55(6):857-9

Echophonocardiographic estimates of pulmonary artery wedge pressure in mitral stenosis. Rahko PS, et al. **Am J Cardiol** 1985 Feb 1;55(4):462-9

Labor and delivery in the presence of mitral stenosis: central hemodynamic observations. Clark SL, et al. **Am J Obstet Gynecol** 1985 Aug 15;152(8):984-8

Hemodynamic evaluation of stenotic cardiac valves: II. Modification of the simplified valve formula for mitral and aortic valve area calculation. Angel J, et al. **Cathet Cardiovasc Diagn** 1985;11(2):127-38

Hemodynamic evaluation of stenotic cardiac valves: I. Effect of ventriculography and atropine on mitral stenosis. Angel J, et al. **Cathet Cardiovasc Diagn** 1985;11(2):115-25

Nomogram for calculation of stenotic cardiac valve areas from cardiac output and mean transvalvular gradient. Nigri A, et al. **Cathet Cardiovasc Diagn** 1984;10(6):613-8

Global left ventricular function and regional wall motion in pure mitral stenosis. Colle JP, et al. **Clin Cardiol** 1984 Nov; 7(11):573-80

Left ventricular function in mitral valve disease. Toutouzas P. **Herz** 1984 Oct;9(5):297-305

Left ventricular cineangiocardiographic study of segmental wall motion in mitral stenosis--an Indian study. Puri VK, et al. **Indian Heart J** 1984 Nov-Dec;36(6):363-8

Atrial vectorcardiogram in mitral stenosis (a scalar electrocardiogram, vectorcardiogram and haemodynamic correlation). Rao AS, et al. **Indian J Chest Dis Allied Sci** 1983 Oct-Dec;25(4):262-9

Improved intraoperative evaluation of mitral valve operations utilizing two-dimensional contrast echocardiography. Mindich BP, et al. **J Thorac Cardiovasc Surg** 1985 Jul;90(1):112-8

Cardiac dimensions and motion shortly after mitral valve surgery. Chiang CW, et al. **Jpn Heart J** 1984 Jul; 25(4):509-21

Hemodynamic effects of digoxin on congestive heart failure in old myocardial infarction, dilated cardiomyopathy, acute myocardial infarction and mitral stenosis. Kurogane K, et al. **Jpn Heart J** 1985 Mar;26(2):155-64

Two-dimensional echocardiographic method for the estimation of cardiac output independent of left ventricular geometry. Comparison with cardiac catheterization in mitral stenosis. Seitz WS, et al. **Jpn Heart J** 1985 May; 26(3):363-9

[2 cases of unavoidable abdominal operations in patients with severe heart damage] Tikhchev T, et al. **Khirurgiia (Sofiia)** 1985;38(1):58-60 **(Bul)**

[Function of the right ventricle in mitral valve defects before and after surgical correction] Schwarz F, et al. **Herz** 1984 Oct;9(5):306-12 (Eng. Abstr.) **(Ger)**

[1- and 2-dimensional echocardiographic studies on the evaluation of the severity of mitral stenosis based on valve kinetics] Kästner C, et al. **Z Gesamte Inn Med** 1985 May 1;40(9):265-8 (Eng. Abstr.) **(Ger)**

[Function and interaction of the right and left ventricle in patients with mitral valve stenosis] Karsch KR, et al. **Z Kardiol** 1984 May;73(5):346-53 (Eng. Abstr.) **(Ger)**

[Frequency, localization and extent of local wall function disorders of the left ventricle in patients with rheumatic mitral valve diseases] Konz KH, et al. **Z Kardiol** 1985 Jun; 74(6):327-34 (Eng. Abstr.) **(Ger)**

[Phonometric study of the 1st heart sound in mitral stenosis] Longhini C, et al. **Boll Soc Ital Cardiol** 1983 Nov; 28(11):971-4 (Eng. Abstr.) **(Ita)**

[Non-invasive estimation of transmitral pressure gradient and mitral valve area in mitral stenosis by an ultrasonic pulsed Doppler technique] Asao M, et al. **J Cardiogr** 1984 Jun; 14(1):149-61 (Eng. Abstr.) **(Jpn)**

[Mechanism of an early diastolic posterior motion of the interventricular septum in patients with mitral stenosis: with special reference to left ventricular inflow velocity pattern] Tominaga T, et al. **J Cardiogr** 1984 Jun; 14(1):135-48 (Eng. Abstr.) **(Jpn)**

[Left ventricular function in isolated mitral stenosis] Peixoto EC, et al. **Arq Bras Cardiol** 1984 Jul;43(1):13-8 (Eng. Abstr.) **(Por)**

[Echocardiographic characteristics of left-ventricular myocardial contraction in pregnant women with mitral valve defects] Titchenko LI. **Akush Ginekol (Mosk)** 1985 Jan;(1):56-9 (Eng. Abstr.) **(Rus)**

[Echocardiographic characteristics of changes in cardiac chambers in pregnant women with combined mitral valve diseases with predominance of stenosis] Titchenko LI. **Akush Ginekol (Mosk)** 1984 Dec;(12):23-5 (Eng. Abstr.) **(Rus)**

[Microcirculation in rheumatic mitral stenosis (clinico-morphological research by lung biopsies)] Strukov AI, et al. **Arkh Patol** 1985;47(1):11-9 (Eng. Abstr.) **(Rus)**

[Adrenaline-induced autorhythmic activity in the isolated atrial myocardium of mitral stenosis patients and its suppression by etmozin and ethacizin (the diethylamino analog of etmozin)] Shkliar TF, et al. **Biull Eksp Biol Med** 1984 Oct;98(10):462-6 (Eng. Abstr.) **(Rus)**

[Evaluation of the contractile function of the myocardium using tetrapolar thoracic rheography in the late stages of mitral stenosis] Chufarov VN, et al. **Kardiologiia** 1984 Aug; 24(8):76-8 (Eng. Abstr.) **(Rus)**

[Value of the left atrium emptying index for evaluation of diastolic function of the left ventricle] Fisenko LA. **Kardiologiia** 1984 Jul;24(7):100-1 **(Rus)**

[Roentgenologic evaluation of myocardial contractility in heart valve diseases] Matveeva LS, et al. **Kardiologiia** 1984 Jul;24(7):81-4 (Eng. Abstr.) **(Rus)**

[Assessment of the functional reserve of the left ventricle and myocardial energetics in mitral stenosis patients] Chestukhin VV, et al. **Patol Fiziol Eksp Ter** 1984 Sep-Oct; (5):20-4 (Eng. Abstr.) **(Rus)**

[Functional changes in the cardiovascular and respiratory systems in the early postoperative period in patients who have undergone mitral commissurotomy] Neimark II, et al. **Revmatologiia (Moskva)** 1985 Jan-Mar;(1):44-7 (Eng. Abstr.) **(Rus)**

[Ventilation and gas exchange in the lungs during physical exertion in patients following the correction of mitral stenosis] Volovoĭ VL, et al. **Ter Arkh** 1985;57(4):122-5 (Eng. Abstr.) **(Rus)**

[Microcirculatory disorders in mitral stenosis surgery] Uglov FG, et al. **Vestn Khir** 1985 Jan;134(1):12-7 (Eng. Abstr.) **(Rus)**

[Chronotropic and inotropic heart functions as indicators of myocardial insufficiency and physical work capacity of patients with mitral valve defects] Valevskiĭ SF. **Vrach Delo** 1985 May;(5):70-3 (Eng. Abstr.) **(Rus)**

[Computerized study of M mode echocardiogram. Normal values and in the presence of obstruction to ventricular filling] Abadal J, et al. **Rev Med Chil** 1984 May; 112(5):441-6 (Eng. Abstr.) **(Spa)**

RADIOGRAPHY

The haemodynamic effects of left ventriculography in coronary artery disease and mitral valve disease: a comparison of high and low osmolality contrast media. Fraser AG, et al. **Eur Heart J** 1984 Sep;5(9):727-34

Extravascular lung water in patients with mitral stenosis: relationship to pulmonary capillary wedge pressure and Kerley B lines. Slutsky RA, et al. **Radiology** 1984 Nov; 153(2):317-20

[Results and indications of coronarography in mitral valvulopathies] Enriquez-Sarano M, et al. **Arch Mal Coeur** 1985 Jan;78(1):65-71 (Eng. Abstr.) **(Fre)**

RADIONUCLIDE IMAGING

Dynamic positron computed tomography of the heart with a high sensitivity positron camera and nitrogen-13 ammonia. Tamaki N, et al. **J Nucl Med** 1985 Jun; 26(6):567-75

SURGERY

Long-term results of open mitral valve reconstruction for mitral stenosis. Cohn LH, et al. **Am J Cardiol** 1985 Mar 1;55(6):731-4

Feasibility of laser catheter valvulotomy for aortic and mitral stenosis. Gessman LJ, et al. **Am J Cardiol** 1984 Dec 1; 54(10):1375-7

Conduit bypass of mitral valve: a palliative approach to congenital mitral stenosis. Midgley FM, et al. **Am J Cardiol** 1985 Sep 1;56(7):493-4

Risks of mitral valve replacement and mitral valve replacement with coronary artery bypass. Magovern JA, et al. **Ann Thorac Surg** 1985 Apr;39(4):346-52

Structural and functional abnormalities of the left ventricle after closed mitral valvotomy. Mohan JC, et al. **Cathet Cardiovasc Diagn** 1984;10(3):247-51

Experience with 124 consecutive elective mitral valve replacements with a Shanghai-made tilting disc prosthesis. Cai YZ, et al. **Chin Med J [Engl]** 1985 Apr;98(4):299-304

Operative risk of mitral valve replacement: discriminant analysis of 1329 procedures. Scott WC, et al. **Circulation** 1985 Sep;72(3 Pt 2):II108-19

The effect of low-dose intravenous nitroglycerin on pulmonary hypertension immediately after replacement of a stenotic mitral valve. Ziskind Z, et al. **Circulation** 1985 Sep;72(3 Pt 2):II164-9

Pulmonary vascular disease and hypertension after valve surgery for mitral stenosis. Tryka AF, et al. **Hum Pathol** 1985 Jan;16(1):65-71

Mitral valve replacement: experience with 623 consecutive patients. John S, et al. **Indian Heart J** 1984 Nov-Dec; 36(6):352-7

Left ventricular aneurysm following closed mitral valvotomy--report of two cases. Mohan JC, et al. **Indian Heart J** 1985 Jan-Feb;37(1):62-5

Mitral valve replacement with Bjork-Shiley valve. Srivastava AK, et al. **Indian Heart J** 1984 Nov-Dec; 36(6):358-62

Open mitral commissurotomy: long-term results with echocardiographic correlation. Breyer RH, et al. **J Cardiovasc Surg (Torino)** 1985 Jan-Feb;26(1):46-52

Aortic and mitral valve replacement: Part 2. Olivieri P, et al. **J Med Soc NJ** 1984 Dec;81(12):1055-63

Aortic and mitral valve replacement: Part 1. Olivieri PJ, et al. **J Med Soc NJ** 1984 Nov;81(11):949-55

Re-evaluation of the indications for cardiac valve replacement. Nakano S, et al. **Jpn Circ J** 1984 Oct; 48(10):1150-6

Open mitral commissurotomy for recurrent mitral stenosis after closed commissurotomy. Nakano S, et al. **Jpn J Surg** 1985 Mar;15(2):112-7

Thrombosed Lillehei-Kaster mitral prosthesis. Konishi Y, et al. **Nippon Geka Hokan** 1985 Mar 1;54(2):123-9

Mitral valve reconstruction. An underused alternative to replacement. Grehl TM, et al. **Postgrad Med** 1985 Sep 1; 78(3):187-91, 194

Mycobacterium fortuitum endocarditis after mitral valve replacement with a bovine prosthesis. Alvarez-Elcoro S, et al. **South Med J** 1985 Jul;78(7):865-6

Strut fracture in the Björk-Shiley mitral valve prosthesis--two case reports. Goerttler U, et al. **Thorac Cardiovasc Surg** 1984 Oct;32(5):320-1

Functional tricuspid insufficiency: conservative or operative management. Klepetko W, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):167-72

Late (11 to 19 years) assessment of hemodynamic and prosthetic valve function in patients with Starr Edwards ball valves: a non-invasive study utilizing 99m-technetium pertechnetate scintigraphy. Reichart B, et al. **Thorac Cardiovasc Surg** 1985 Jun;33(3):162-6

Open mitral commissurotomy. A new plea for an old operation. Schmidt-Habelmann P, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):20-2

Study of the risk factors related to early mortality following combined mitral valve replacement and coronary artery bypass grafting. Yadav KS, et al. **Thorac Cardiovasc Surg** 1985 Feb;33(1):16-9

[Comparative study of the results of open and closed-heart commissurotomies derived from echocardiographic criteria] Ammar H, et al. **Tunis Med** 1984 Jan-Feb; 62(1):43-6 (Eng. Abstr.) **(Fre)**

[Early and late results after conventional mitral valvulotomy] Teichmann W, et al. **Z Gesamte Inn Med** 1985 Jun 1; 40(11):344-7 (Eng. Abstr.) **(Ger)**

[Thrombosis of a St. Jude Medical valve in malignant lymphoma and extensive blood vessel malformation] Görlach G, et al. **Z Kardiol** 1985 Feb;74(2):117-20 (Eng. Abstr.) **(Ger)**

[In vitro study of transvenous commissurotomy in severe mitral valve stenoses using the balloon catheter] Reifart N, et al. **Z Kardiol** 1985 Apr;74(4):234-7 (Eng. Abstr.) **(Ger)**

[Mitral commissurotomy or mitral valve replacement. Comparison of results of closed and open operative procedures in acquired mitral valve stenoses and combined mitral valve defects, predominantly stenosis] Ursinus W. **Zentralbl Chir** 1984;109(21):1380-90 (Eng. Abstr.) **(Ger)**

[Changing concepts of mitral stenosis (editorial)] Schlesinger Z. **Harefuah** 1985 Mar 1;108(5):263-4 **(Heb)**

[Cardiac valve replacement in children. Experience in 18 cases] Baudet E, et al. **Minerva Cardioangiol** 1984 Sep; 32(9):593-8 (Eng. Abstr.) **(Ita)**

[A case of intrapulmonary foreign body manifested 20 years after closed mitral commissurotomy] Fujimoto J, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):652-5 (Eng. Abstr.) **(Jpn)**

[Preoperative glucagon-insulin therapy on the patient with hepatic failure secondary to combined valvular disease] Kumagae T, et al. **Kyobu Geka** 1984 Aug;37(9 Suppl):732-5 (Eng. Abstr.) **(Jpn)**

[Usefulness of angled scalpels in mitral commissurotomy] Murase M, et al. **Kyobu Geka** 1985 Jun;38(6):452-4 (Eng. Abstr.) **(Jpn)**

[A successful case of one-stage surgery for mitral stenosis combined with total obstruction of the terminal aorta] Ohike E, et al. **Kyobu Geka** 1984 Sep;37(10):799-803 (Eng. Abstr.) **(Jpn)**

[Radionuclide assessment of right ventricular function during rest and exercise following surgical repair of mitral stenosis] Asano K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):181-8 (Eng. Abstr.) **(Jpn)**

[Evaluation of an operative procedure for mitral stenosis--with special attention to the pre- and postoperative LV wall motion] Hashimoto K, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Apr;33(4):410-6 (Eng. Abstr.) **(Jpn)**

[Long-term results in 295 patients undergoing open mitral commissurotomy] Nakano S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):210-6 (Eng. Abstr.) **(Jpn)**

[Late results of reoperation for mitral stenosis] Sato S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1984 Oct; 32(10):1747-54 (Eng. Abstr.) **(Jpn)**

[Supraventricular arrhythmias following mitral valve operations--a complication related to surgical incision into the atrium] Watanabe S, et al. **Nippon Kyobu Geka Gakkai Zasshi** 1985 Feb;33(2):161-9 (Eng. Abstr.) **(Jpn)**

[Surgery for mitral stenosis and mitral stenosis index] Ishii J, et al. **Rinsho Kyobu Geka** 1984 Jul;4(4):516-7 (Eng. Abstr.) **(Jpn)**

[Valve prosthesis-patient mismatch] Shigenobu M, et al. **Rinsho Kyobu Geka** 1984 Sep;4(5):629-34 (Eng. Abstr.) **(Jpn)**

[Improvement in left-ventricular function as a result of mitral commissurotomy. Use of the hand-cooling test in the study of left-ventricular function] Zmudka K, et al. **Kardiol Pol** 1984;27(6):495-505 (Eng. Abstr.) **(Pol)**

[Closed commissurotomy for health reasons in pregnant women with mitral stenosis] Ponižyński A, et al. **Pol Tyg Lek** 1984 Aug 27;39(35):1169-70 (Eng. Abstr.) **(Pol)**

[Anatomo-surgical classification of mitral stenosis. Valvular aspects] Fortuna AB. **Arq Bras Cardiol** 1984 Dec; 43(6):381-7 (Eng. Abstr.) **(Por)**

[Adequacy of anesthesia] Vanevskiĭ LV, et al. **Anesteziol Reanimatol** 1984 Sep-Oct;(5):8-11 (Eng. Abstr.) **(Rus)**

[Surgical treatment of mitral stenosis complicated by massive thrombosis of the left atrium] Sitar LL, et al. **Grudn Khir** 1985 May-Jun;(3):15-8 (Eng. Abstr.) **(Rus)**

[Repeated operations on the heart in patients with a history of mitral commissurotomy] Chernov VA. **Kardiologiia** 1984 Jul;24(7):33-7 (Eng. Abstr.) **(Rus)**

[Mitral valve prosthesis and suturing of an artificial defect of the atrial septum after 2 mitral commissurotomies] Poliakov VP, et al. **Kardiologiia** 1984 Jul;24(7):104 **(Rus)**

[Commissurotomy in the treatment of mitral restenosis] Knyshov GV, et al. **Klin Khir** 1984 Oct;(10):1-4 (Eng. Abstr.) **(Rus)**

[Results of mitral valve prosthesis in calcified 'pure' and predominant stenosis] Malyshev IuI, et al. **Klin Khir** 1984 Oct;(10):5-7 (Eng. Abstr.) **(Rus)**

[Optimizing general anesthesia in mitral commissurotomy] Mushenko VE. **Klin Khir** 1984 Oct;(10):33-5 (Eng. Abstr.) **(Rus)**

[Immediate and late results of closed mitral commissurotomy in patients over 50] Putov NV, et al. **Klin Med (Mosk)** 1985 Jan;63(1):51-4 (Eng. Abstr.) **(Rus)**

[Methods of preoperative and operative prevention of thromboembolic complications of intra-atrial thrombosis] Burmistrova MM. **Vestn Khir** 1985 May;134(5):28-33 (Eng. Abstr.) **(Rus)**

[Is preoperative cardiac catheterization indispensable in all patients with rheumatic mitral stenosis?] Morales CE, et al. **Arch Inst Cardiol Mex** 1985 Jan-Feb;55(1):81-5 (53 ref.) **(Spa)**

[Blalock-Hanlon atrio-septectomy: an outmoded technic? (II) In cardiopathies with atrioventricular or pulmonary obstruction with an intact interventricular septum] Villagrá F, et al. **Rev Esp Cardiol** 1984 May-Jun;37(3):204-10 (Eng. Abstr.) **(Spa)**

MIXED CONNECTIVE TISSUE DISEASE

BLOOD

The diagnosis of lupus anticoagulants by the activated partial thromboplastin time--the central role of phosphatidyl serine. Kelsey PR, et al. **Thromb Haemost** 1984 Oct 31; 52(2):172-5

COMPLICATIONS

Secretory diarrhea in mixed connective tissue disease. Thiele DL, et al. **Am J Gastroenterol** 1985 Feb;80(2):107-10

Pneumatosis intestinalis in mixed connective tissue disease: two case reports and literature review. Lynn JT, et al. **Arthritis Rheum** 1984 Oct;27(10):1186-9

Mixed connective tissue disease, Sjögren's syndrome, and abdominal pseudolymphoma. Frayha RA, et al. **Br J Rheumatol** 1985 Feb;24(1):70-3

Myocardial necrosis in a patient with mixed connective tissue disease. Kaplan K, et al. **Chest** 1985 Jun;87(6):831-2

Mixed connective tissue disease in pregnancy: report of a case. Snyder JM, et al. **J Am Osteopath Assoc** 1985 Jan; 85(1):75-8

A case of MCTD with urticaria-like lesions. Shishiba T, et al. **J Dermatol (Tokyo)** 1984 Apr;11(2):195-7

Mixed connective tissue disease with fatal pulmonary hypertension and a review of literature. Ueda N, et al. **Virchows Arch [A]** 1984;404(4):335-40

[An autopsy case of mixed connective tissue disease associated with viral myocarditis] Kaneko S, et al. **Nippon Naika Gakkai Zasshi** 1984 Jul;73(7):1009-15 **(Jpn)**

[A case of MCTD with trigeminal neuropathy and its pharmacological response] Myojin K, et al. **Rinsho Shinkeigaku** 1984 Sep;24(9):908-11 (Eng. Abstr.) **(Jpn)**

[Mixed connective tissue disease with Adie's syndrome and mononeuritis multiplex including trigeminal sensory neuropathy] Oishi T, et al. **Rinsho Shinkeigaku** 1984 Sep; 24(9):941-4 (Eng. Abstr.) **(Jpn)**

[Overlap of diffuse connective tissue diseases, overview and perspectives] Balthazar PA, et al. **Rev Hosp Clin Fac Med Sao Paulo** 1984 May-Jun; 39(3):118-22 (83 ref.) **(Por)**

[Cardiovascular manifestations in mixed connective tissue disease in adults] Badui E, et al. **Arch Inst Cardiol Mex** 1984 Sep-Oct;54(5):493-7 (Eng. Abstr.) **(Spa)**

DIAGNOSIS

Angiographic findings in mixed connective tissue disease. Correlation with fingernail capillary photomicroscopy and digital photoplethysmography findings. Peller JS, et al. **Arthritis Rheum** 1985 Jul;28(7):768-74

Mixed connective tissue disease: some statements [editorial] Alarcón-Segovia D. **Clin Rheumatol** 1982 Jun;1(2):81-3

Clinical profiles of patients with antibodies to nuclear ribonucleoprotein. Calderon J, et al. **Clin Rheumatol** 1984 Dec;3(4):483-92

So you suspect mixed connective tissue disease (MCTD). Which tests to perform? Gladman DD, et al. **Int J Dermatol** 1984 Jul-Aug;23(6):392-3

Connective tissue diseases versus overlap syndrome. Malaviya AN, et al. **J Assoc Physicians India** 1984 Jul; 32(7):555-9

Symptomatic Sjögren's syndrome in mixed connective tissue disease. Alarcón-Segovia D. **J Rheumatol** 1984 Oct; 11(5):582-3

Undifferentiated connective tissue disease. Rich AM, et al. **Oral Surg Oral Med Oral Pathol** 1984 Oct;58(4):408-12

[Mixed connective tissue disease--a dispensable diagnosis?] Wollina U. **Dermatol Monatsschr** 1984;170(8):498-501 (Eng. Abstr.) **(Ger)**

[Does mixed connective tissue disease exist or not?] Gómez-Reino JJ. **Med Clin (Barc)** 1985 Jul 6;85(6):231-3 **(Spa)**

DRUG THERAPY

Ibuprofen-induced meningitis in mixed connective tissue disease. Hoffman M, et al. **Clin Rheumatol** 1982 Jun; 1(2):128-30

[Therapeutic results with the aromatic retinoid (Tigason) in Sharp syndrome and progressive scleroderma] Uhlmann A, et al. **Z Hautkr** 1985 May 15;60(10):774-6, 779-82 (Eng. Abstr.) **(Ger)**

IMMUNOLOGY

Quantitation of anti-RNP and anti-Sm antibodies in MCTD and SLE patients by immunoblotting. Habets WJ, et al. **Clin Exp Immunol** 1985 Feb;59(2):457-66

Autoimmune sera reactive with Sm antigen contain high levels of RNP-like antibodies. Reeves WH, et al. **J Clin Invest** 1985 Feb;75(2):580-7

Quantitation of anti-ENA antibodies by a modified ELISA in patients with SLE and MCTD. Seres T, et al. **Scand J Rheumatol [Suppl]** 1985;56:75-7

[Clinical and immunological study of mixed connective tissue diseases] Yang HT, et al. **Chung Hua Nei Ko Tsa Chih** 1985 Mar;24(3):158-60, 190-1 (Eng. Abstr.) **(Chi)**

[The clinical significance of anti-ENA antibodies and anticentromere antibody (ACA) in patients with sclerodermatous skin changes and Raynaud's phenomenon] Uchida K, et al. **Ryumachi** 1984 Aug;24(4):241-9 (Eng. Abstr.) **(Jpn)**

PATHOLOGY

Pulmonary hypertension in a patient with mixed connective tissue disease: clinical and pathologic findings, and review of literature. Graziano FM, et al. **Clin Exp Rheumatol** 1983 Jul-Sep;1(3):251-5 (12 ref.)

Mixed connective tissue disease revisited. Appelboom T. **Clin Rheumatol** 1982 Jun;1(2):136-7

PHYSIOPATHOLOGY

Pulmonary involvement in mixed connective tissue disease. Derderian SS, et al. **Chest** 1985 Jul;88(1):45-8

RADIOGRAPHY

The arthropathy of systemic sclerosis (scleroderma); comparison with mixed connective tissue disease. Catoggio LJ, et al. **Clin Exp Rheumatol** 1983 Apr-Jun;1(2):101-12

Mediastinal lymphadenopathy and pulmonary arterial hypertension in mixed connective tissue disease. Guit GL, et al. **Radiology** 1985 Feb;154(2):305-6

MIXED FUNCTION OXIDASES

An L-lactate sensor with immobilized enzyme for use in in vivo studies with an endocrine artificial pancreas. Mascini M, et al. **Clin Chem** 1985 Mar;31(3):451-3

ANALYSIS

Effects of chronic ethanol consumption on male Syrian hamster hepatic, microsomal mixed-function oxidases. Elliott CR, et al. **Alcohol** 1985 Jan-Feb;2(1):17-22

Effects of acute ethanol administration and chronic ethanol feeding on mixed function oxidation in deermice lacking ADH. Gellert J, et al. **Alcohol** 1985 Jan-Feb;2(1):13-5

Comparison of the hepatic mixed function oxidase system of young, adult, and old non-human primates (Macaca nemestrina). Sutter MA, et al. **Biochem Pharmacol** 1985 Aug 15;34(16):2983-7

Hepatic mixed function oxidases and cytochrome P-450 contents in rat pups exposed to di-(2-ethylhexyl)phthalate through mother's milk. Parmar D, et al. **Drug Metab Dispos** 1985 May-Jun;13(3):368-70

Neonatal exposure to cadmium alters the responses of the hepatic monooxygenases to phenobarbital and to cadmium in adult male rats. Virgo BB, et al. **J Pharmacol Exp Ther** 1984 Dec;231(3):700-4

ANTAGONISTS & INHIBITORS

Effects of some toxic metals on hepatic microsomal mixed function oxidase system of the rat. Xiao GH, et al. **Acta Acad Med Wuhan** 1984;4(3):158-62

Interaction of acrylonitrile with the liver mixed function oxidases. Cova D, et al. **Arch Toxicol [Suppl]** 1984;7:291-4

Effect of mefloquine on hepatic drug metabolism in the rat: comparative study with primaquine. Riviere JH, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):567-71

Inhibition of rat hepatic mixed function oxidases by antimalarial drugs: selectivity for cytochromes P-450 and P-448. Thabrew MI, et al. **Chem Biol Interact** 1984 Oct; 51(3):285-94

Inhibition of cytochrome P-450-dependent mixed function oxidation by ethanol. Hayashi N, et al. **Dig Dis Sci** 1985 Apr;30(4):334-9

Depression of hepatic microsomal enzyme systems by lentinan in mice. Sasaki K, et al. **Jpn J Pharmacol** 1985 Jan;37(1):107-15

Toxicity of carbon disulfide in developing rats: LD50 values and effects on the hepatic mixed-function oxidase enzyme system. Green EC, et al. **Toxicol Appl Pharmacol** 1985 Mar 30;78(1):130-8

BIOSYNTHESIS

Differences in the duration of the enhancement of liver mixed-function oxidase activities in ethanol-fed rats after withdrawal. Hétu C, et al. **Biochem Pharmacol** 1985 Apr 15;34(8):1211-6

Selectivity of mixed-function oxygenase enzyme induction in flounder (Pseudopleuronectes americanus) collected at the site of the Baie Verte, Newfoundland oil spill. Payne JF, et al. **Comp Biochem Physiol [C]** 1984;79(1):15-9

Effects of 3-methylcholanthrene and DDT on cholesterol 7 alpha-hydroxylase in rats. Appleton BS, et al. **Drug Nutr Interact** 1981;1(1):15-21

The effect of hepatic mixed-function oxidase enzyme inducers on the development of tri-o-tolyl phosphate-induced delayed neurotoxicity. Calabrese LF Jr, et al. **J Toxicol Environ Health** 1984;14(2-3):145-51

Mixed-function oxidase system induction and propylene hepatotoxicity. Osimitz TG, et al. **J Toxicol Environ Health** 1985;15(1):39-49

Cytochrome P-450 and monooxygenase activity in hepatic microsomes from N-phenylimidazole-treated rats. Murray M, et al. **Toxicol Lett** 1985 May;25(2):191-8

Foetal and neonatal development of cytochrome P-450 and cytochrome P-448 catalysed mixed function oxidases in the rat: induction by 3-methylcholanthrene. Lum PY, et al. **Toxicology** 1985 Jun 28;35(4):307-17

[Modified effect of the induction of the mixed function oxidase system on the cytogenetic action of cyclophosphamide] Zhurkov VS, et al. **Vestn Akad Med Nauk SSSR** 1985;(1):54-8 (Eng. Abstr.) **(Rus)**

[Effect of acute and chronic lindane poisoning on the function of the liver microsome mono-oxygenase system in rats maintained on a diet deficient in lysine, methionine, threonine and vitamins A, C and E] Sharmanov TSh, et al. **Vopr Med Khim** 1985 May-Jun;31(3):106-11 (Eng. Abstr.) **(Rus)**

BLOOD

Conversion of arachidonic acid to two novel products by a cytochrome P450-dependent mixed-function oxidase in polymorphonuclear leukocytes. Bednar MM, et al. **Biochem Biophys Res Commun** 1984 Sep 17;123(2):581-8

DEFICIENCY

Linkage and segregation analysis of HLA and congenital hypoaldosteronism due to corticosterone methyl-oxydase deficiency type I and type II. de Jongh BM, et al. **Tissue Antigens** 1984 Jul;24(1):18-24

GENETICS

Type 2 corticosterone methyloxidase defect in a 2-year-old Iranian Jewish child [letter] Buchta RM. **Am J Dis Child** 1984 Dec;138(12):1154

Chromosomal assignments of genes coding for components of the mixed-function oxidase system in mice. Genetic localization of the cytochrome P-450PCN and P-450PB gene families and the nadph-cytochrome P-450 oxidoreductase and epoxide hydratase genes. Simmons DL, et al. **J Biol Chem** 1985 Jan 10;260(1):515-21

METABOLISM

On malathion binding to tissue macromolecules in the rat. Ma TG, et al. **Acta Acad Med Wuhan** 1985;5(2):97-102

Effect of prostacyclin on the mixed function microsomal oxigenase system in the rat liver. Bálint GA, et al. **Acta Med Hung** 1984;41(4):247-52

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: I. The role of peroxidation of membrane phospholipids. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):73-81

Mechanisms of disassembly of a mixed function oxygenase system in liver endoplasmic reticulum: II. The interrelation between lipid peroxidation and proteolytic degradation of cytochrome P-450. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(2):82-9

Hepatic microsomal mixed-function oxidases in rats exposed to high ambient temperature. Pachecka J, et al. **Acta Physiol Pol** 1983 Sep-Dec;34(5-6):563-8

Hepatic antipyrine metabolism in malnourished patients: influence of the type of malnutrition and course after nutritional rehabilitation. Tranvouez JL, et al. **Am J Clin Nutr** 1985 Jun;41(6):1257-64

Inactivation of Escherichia coli glutamine synthetase by xanthine oxidase, nicotinate hydroxylase, horseradish peroxidase, or glucose oxidase: effects of ferredoxin, putidaredoxin, and menadione. Stadtman ER, et al. **Arch Biochem Biophys** 1985 Jun;239(2):379-87

Methadone affects the histochemical pattern of xenobiotic-metabolizing enzymes in the liver of pregnant rats. Chieco P, et al. **Arch Toxicol [Suppl]** 1984;7:261-5

Stereoselective and regioselective hydroxylation of warfarin and selective O-dealkylation of phenoxazone ethers in human placenta. Rettie AE, et al. **Biochem Biophys Res Commun** 1985 Feb 15;126(3):1013-21

Modulation of thyroid hormone actions on hepatic drug metabolism by androgens and estrogens. Colby HD, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):582-5

Disappearance of sex difference in rat liver drug metabolism in old age. Kitagawa H, et al. **Biochem Pharmacol** 1985 Feb 15;34(4):579-81

Effects of mixed-function oxidase modifiers on neurotoxicity of acrylamide in rats. Srivastava SP, et al. **Biochem Pharmacol** 1985 Apr 1;34(7):1099-102

A new monooxygenase product from 7-ethoxycoumarin and its relation to the O-dealkylation reaction. Jung B, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):23-31

Effects of the induction of hepatic microsomal metabolism on the toxicity of cyclophosphamide. Gurtoo HL, et al. **Br J Cancer** 1985 Jan;51(1):67-75

In vivo protection by protein A of hepatic microsomal mixed function oxygenase system of cyclophosphamide-treated rats. Dohadwala M, et al. **Cancer Chemother Pharmacol** 1985;14(2):135-8

Induction of cytochrome(s) P450-dependent drug metabolism in cultured MH1C1 hepatoma cells. Ferro M, et al. **Cell Biochem Funct** 1984 Oct;2(4):263-8

Temperature compensation in the hepatic mixed-function oxidase system of bluegill. Ankley GT, et al. **Comp Biochem Physiol [C]** 1985;81(1):125-9

A comparative study of the effects of cadmium and nickel on liver microsomal drug metabolizing enzymes of guinea-pig in vitro. Işcan M. **Comp Biochem Physiol [C]** 1984;79(2):429-33

Drug tolerance and detoxicating enzymes in Octodon degus and Wistar rats. A comparative study. Letelier ME, et al. **Comp Biochem Physiol [C]** 1985;80(1):195-8

Mixed-function oxidase studies in the redfish, Sciaenops ocellata, from Galveston Bay, Texas. Stahl CH, et al. **Comp Biochem Physiol [C]** 1984;79(1):177-82

The effect of monooxygenase inducing agents on the incorporation of [35S]methionine into hepatic microsomal protein of rainbow trout (Salmo gairdneri). Vodicnik MJ, et al. **Comp Biochem Physiol [C]** 1984;79(2):271-6

Loss of rat liver microsomal cytochrome P-450 during methimazole metabolism. Role of flavin-containing monooxygenase. Kedderis GL, et al. **Drug Metab Dispos** 1985 Jan-Feb;13(1):58-61

Interferon reduces hepatic drug metabolism in vivo in mice. Taylor G, et al. **Drug Metab Dispos** 1985 Jul-Aug; 13(4):459-63

Effects of somatostatin and testosterone on the hepatic monooxygenase system in castrated male rats. Virgo BB. **Drug Metab Dispos** 1985 Jan-Feb;13(1):9-13

Dietary amino acids and hepatic microsomal drug metabolism in Syrian hamsters. Birt DF, et al. **Drug Nutr Interact** 1982; 1(2):177-87

Modification of circadian rhythms of drug metabolism in the Syrian hamster. Birt DF, et al. **Drug Nutr Interact** 1982; 1(2):143-51

Dietary cholesterol-induced changes of xenobiotic metabolism in liver. II. Effects of phenobarbitone and carbon tetrachloride on activities of drug-metabolizing enzymes. Hietanen E, et al. **Drug Nutr Interact** 1982; 1(4):313-27

Effects of high dietary vitamin A on drug-metabolizing enzyme activities in guinea pig and rabbit. Miranda CL, et al. **Drug Nutr Interact** 1981;1(1):55-61

Drug responses in aged animals [letter] Schmucker DL, et al. **Exp Gerontol** 1984;19(6):401

Effects of oral contraceptive steroids (norethisterone/mestranol) on the activities of hepatic drug-metabolizing enzymes in iron-deficient anemic rats. Mizokami K, et al. **Experientia** 1985 Jun 15;41(6):734-6

The effects of dietary brussels sprouts and Schizandra chinensis on the xenobiotic-metabolizing enzymes of the rat small intestine. Salbe AD, et al. **Food Chem Toxicol** 1985 Jan;23(1):57-65

Xenobiotics in gametes of Lake Michigan lake trout (Salvelinus namaycush) induce hepatic monooxygenase activity in their offspring. Binder RL, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1042-54

Effect of manganese on the hepatic microsomal mixed function oxidase enzyme system in the rat. Deimling MJ, et al. **Fundam Appl Toxicol** 1984 Dec;4(6):1009-18

Effects of methapyrilene on rat hepatic xenobiotic metabolizing enzymes and liver morphology. Graichen ME, et al. **Fundam Appl Toxicol** 1985 Feb;5(1):165-74

A total hepatic induction index of metabolism for lipophilic xenobiotics. Boersma DC, et al. **J Appl Toxicol** 1984 Aug; 4(4):187-93

The constant plasma 18-hydroxycorticosterone to aldosterone ratio: an expression of the efficacy of corticosterone methyloxidase type II activity in disorders with variable aldosterone production. Kater CE, et al. **J Clin Endocrinol Metab** 1985 Feb;60(2):225-8

Effect of acute and repeated chlordimeform treatment on rat hepatic microsomal drug metabolizing enzymes. Budris DM, et al. **J Environ Pathol Toxicol Oncol** 1984 Jul; 5(4-5):175-82

Effect of seneciphylline and senecionine on hepatic drug metabolizing enzymes in rats. Kakrani HK, et al. **J Ethnopharmacol** 1984 Dec;12(3):271-8

A comparison of the effects of hexachlorobenzene, beta-naphthoflavone, and phenobarbital on cytochrome P-450 and mixed-function oxidases in Japanese quail. Carpenter HM, et al. **J Toxicol Environ Health** 1985; 15(1):93-108

Activities of liver mixed function oxidase system in rats fed trans fat. Nishiyama K, et al. **Lipids** 1985 May;20(5):325-7

Mixed-function oxidation of histidine residues. Levine RL. **Methods Enzymol** 1984;107:370-6

Reappraisal of the barbiturate sleeping time in mice as predictive tool for the detection of liver enzymes inhibiting drugs. André P, et al. **Methods Find Exp Clin Pharmacol** 1984 Nov;6(11):695-9

Cytochrome P-450 monooxygenase system. Localization in smooth muscle of rabbit aorta. Serabjit-Singh CJ, et al. **Mol Pharmacol** 1985 Jul;28(1):72-9

The effect of imipramine and desipramine on mixed function oxidase in rats. Daniel W, et al. **Naunyn Schmiedebergs Arch Pharmacol** 1984 Nov; 328(1):83-6

Influence of mixed function oxygenase metabolism on the acute neurotoxicity of the pesticide chlordimeform in mice. Ghali GZ, et al. **Neurotoxicology** 1985 Summer;6(2):215-37

Selectivity of cholestyramine treatment on hepatic mixed function oxidase activity. Bachmann K, et al. **Pharmacology** 1984;29(3):128-41

Effect of long-term administration of delta 9-tetrahydrocannabinol on hepatic mixed-function oxidase systems in the rat. Morrill GA, et al. **Pharmacology** 1985; 30(1):20-4

Biphasic effect of pyrazolone derivatives on drug-metabolizing enzyme in rat liver. Bien E, et al. **Pharmazie** 1985 Jun;40(6):412-4

Cytochrome P-450 and monooxygenase activities in the biomonitoring of aquatic environment. Lindström-Seppä P, et al. **Pharmazie** 1985 Apr;40(4):232-4 (44 ref.)

Activation of hepatic microsomal mixed function oxidase system in broiler chicks by diet changes. Brenes A, et al. **Poult Sci** 1985 May;64(5):963-8

Effect of dietary composition and estradiol implants on hepatic microsomal mixed function oxidase and lipid deposition in growing chicks. Takahashi K, et al. **Poult Sci** 1984 Nov;63(11):2217-24

Effects of special lipid diets on the mixed function oxygenase enzyme system in the livers of mice. Spector A, et al. **Proc West Pharmacol Soc** 1984;27:495-9

Covalent modification of proteins by mixed-function oxidation: recognition by intracellular proteases. Rivett AJ, et al. **Prog Clin Biol Res** 1985;180:317-28

Comparison of ethanol and imidazole pretreatments on hepatic monooxygenase activities in the rat. Reinke LA, et al. **Res Commun Chem Pathol Pharmacol** 1985 Jan; 47(1):97-106

Effect of ampicillin on hepatic microsomal mixed-function oxidase system in male mice. Govindwar SP, et al. **Toxicol Lett** 1984 Nov;23(2):201-4

Inhibitory effect of various organophosphorus esters on rat liver malathion carboxylesterase in vitro: role of mixed-function oxidases. Hasegawa L, et al. **Toxicol Lett** 1985 Aug;26(2-3):225-31

Bile secretion and liver microsomal mixed function oxidase system in mice with griseofulvin-induced hepatic protoporphyria. Cantoni L, et al. **Toxicology** 1983 May; 27(1):27-39

Hepatic mixed-function oxidase activities of wild pigeons. Husain MM, et al. **Xenobiotica** 1984 Oct;14(10):761-6

The intestinal monoxygenase enzyme system in DMH-induced rat colonic carcinogenesis. Sandforth F, et al. **Z Gastroenterol** 1984 Oct;22(10):586-91

PHYSIOLOGY

Formation of inhibitors of lipid peroxidation during oxidative metabolism of hydrophobic xenobiotics catalyzed by mixed function oxygenases. Kagan VE, et al. **Acta Physiol Pharmacol Bulg** 1984;10(3):46-56

RADIATION EFFECTS

[Effect of misonidazole (Ro 07-0582) and radiation on the monooxygenases of liver microsomes of the rat] Laurent F, et al. **J Pharmacol** 1985 Jan-Mar;16(1):23-30 (Eng. Abstr.) **(Fre)**

MIXED FUNCTION OXYGENASES see MIXED FUNCTION OXIDASES

MIXED LEUKOCYTE CULTURE TEST see LEUKOCYTE CULTURE TEST, MIXED

MIXED SALIVARY GLAND TUMOR

DIAGNOSIS

[Extra-parotid localization of pleomorphic adenomas. A review of some data] Lenoir JL, et al. **Acta Stomatol Belg** 1984 Sep;81(2):133-43 (Eng. Abstr.) **(Fre)**

[Clinical and histopathological comments on a case of mixed salivary tumor located in a rare site] Ceaușu G, et al. **Rev Chir [Otorinolaringol]** 1985 Jan-Mar;30(1):67-70 (Eng. Abstr.) **(Rum)**

FAMILIAL & GENETIC

Relationships between chromosomal patterns and protooncogenes in human benign salivary gland tumors. Stenman G, et al. **Tumour Biol** 1984;5(2):103-17

METABOLISM

Prolactin binding in minor salivary gland tumors. Abbey LM, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jul;60(1):44-9

PATHOLOGY

Characterization of two types of crystalloids in pleomorphic adenomas of minor salivary glands. A light-microscopic, electron-microscopic, and histochemical study. Campbell WG Jr, et al. **Am J Pathol** 1985 Feb;118(2):194-202

Induction of other differentiation stages in neoplastic epithelial duct and myoepithelial cells from the human salivary gland grown in athymic nude mice. Hayashi Y, et al. **Cancer** 1985 Jun 1;55(11):2575-83

Pleomorphic adenoma of the inferior turbinate. Baraka ME, et al. **J Laryngol Otol** 1984 Sep;98(9):925-8

Pleomorphic adenoma of the nose: a clinical case and historical review. Kamal SA. **J Laryngol Otol** 1984 Sep; 98(9):917-23

Pleomorphic adenoma of the larynx. Zakzouk MS. **J Laryngol Otol** 1985 Jun;99(6):611-6

Sialadenoma papilliferum. Chan KW, et al. **Pathology** 1985 Jan;17(1):119-22

[Clinico-pathologic study of 184 cases of minor salivary gland tumor] Ma DQ, et al. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):81-3, 126 (Eng. Abstr.) **(Chi)**

[Growth pattern of salivary mixed tumors--observations on histologic sections of 52 cases of mixed tumor] Yang LJ. **Chung Hua Kou Chiang Ko Tsa Chih** 1984 Sep;19(3):163-4 **(Chi)**

RADIOGRAPHY

Computerized tomography of combined carcinomas arising in pleomorphic adenoma. Farman AG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jan;59(1):96-101

SURGERY

The surgical approach to recurrent pleomorphic adenoma of the parotid gland. Stanley RE, et al. **Ann Acad Med Singapore** 1984 Jan;13(1):91-5

Long-term results of local excision and radiotherapy in pleomorphic adenoma of the parotid. Dawson AK, et al. **Int J Radiat Oncol Biol Phys** 1985 Mar;11(3):451-5

Surgical treatment of pleomorphic adenoma of the parotid gland: report of 110 cases. Chang EZ, et al. **J Oral Maxillofac Surg** 1985 Sep;43(9):680-2

The 'pedicle flap': a technique for complete excision of benign salivary gland tumors of the palate. Sacks HG, et al. **Oral Surg Oral Med Oral Pathol** 1985 Jun;59(6):572-4

[Tumors of the accessory salivary glands] Bourdon C, et al. **Acta Stomatol Belg** 1984 Dec;81(4):257-71 **(Fre)**

ULTRASTRUCTURE

Russell body-like inclusions in oral B-lymphomas. Kurihara K, et al. **J Oral Pathol** 1984 Dec;13(6):640-9

MIYAGAWANELLA see **CHLAMYDIA**

MIYAGAWANELLA INFECTIONS see **CHLAMYDIA INFECTIONS**

MK-135 see **CHOLESTYRAMINE**

MK-485 see **CARBIDOPA**

MK-486 see **CARBIDOPA**

MMPI

MacAndrew Scale and sociodemographic correlates of adolescent alcohol and drug use. Wisniewski NM, et al. **Addict Behav** 1985;10(1):55-67

Psychometric detection of fabricated symptoms of posttraumatic stress disorder. Fairbank JA, et al. **Am J Psychiatry** 1985 Apr;142(4):501-3

Minnesota Multiphasic Personality Inventory: comparison of patients accepting and rejecting myopia surgery. Goldstein J, et al. **Ann Ophthalmol** 1985 Jul;17(7):437-9

Brief Minnesota Multiphasic Personality Inventory scales to screen for substance abuse. Hoffmann NG, et al. **Drug Alcohol Depend** 1984 Oct;14(2):209-14

Pain-related correlates of MMPI profile subgroups among back pain patients. Bradley LA, et al. **Health Psychol** 1984; 3(2):157-74

The MMPI in three groups of patients with significant weight loss. Goodwin R, et al. **Hillside J Clin Psychiatry** 1984; 6(2):188-203

Role-played and hypnotically induced simulation of psychopathology on the MMPI: a partial replication. Lundy RM, et al. **Int J Clin Exp Hypn** 1985 Oct;33(4):302-9

Age and education do not affect the Caudality (Ca) Scale of the Minnesota Multiphasic Personality Inventory (MMPI). Horton AM Jr, et al. **Int J Neurosci** 1985 Jul; 27(1-2):49-51

Effects of lateralized brain damage on factor scales of the MMPI. Horton AM Jr. **Int J Neurosci** 1984 Apr; 23(2):127-30

Differentiation of alcoholic from brain-damaged patients by the Psychiatric-Organic (P-O) special scale of the MMPI. Horton AM Jr, et al. **Int J Neurosci** 1984 Apr;23(2):91-3

Identifying schizoid-taxon membership with the Golden-Meehl MMPI items. Nichols DS, et al. **J Abnorm Psychol** 1985 May;94(2):191-4

MMPI, personality dysfunction and the dexamethasone suppression test in major depression. Norman WH, et al. **J Affective Disord** 1985 Jul;9(1):97-101

Clients with MMPI high D-PD: therapy implications. Anderson W, et al. **J Clin Psychol** 1985 Mar;41(2):181-8

Diagnostic implications of markedly elevated MMPI Sc scale scores for nonhospitalized clients. Anderson WP, et al. **J Clin Psychol** 1984 Jul;40(4):925-30

Measuring family functioning with the MMPI: a reliability and concurrent validity study of three MMPI family scales. Bloomquist ML, et al. **J Clin Psychol** 1984 Sep; 40(5):1209-14

The MMPI and the post-traumatic stress syndrome in Vietnam era veterans. Burke HR, et al. **J Clin Psychol** 1985 Mar;41(2):152-6

Es scale level and correlates of MMPI elevation: alcohol abuse vs. MMPI scores in treated alcoholics. Cernovsky Z. **J Clin Psychol** 1984 Nov;40(6):1502-9

MMPI results: a comparison of trauma victims, psychogenic pain, and patients with organic disease. Chaney HS, et al. **J Clin Psychol** 1984 Nov;40(6):1450-4

Psychological health of young adults who experienced early parent death: MMPI trends. Dietrich DR. **J Clin Psychol** 1984 Jul;40(4):901-8

Age differences on alcoholic MMPI scales: a discriminant analysis approach. Faulstich ME, et al. **J Clin Psychol** 1985 May;41(3):433-9

Parent MMPI critical item and clinical scale changes in the 1970s. Holmes GR, et al. **J Clin Psychol** 1984 Sep; 40(5):1194-8

Recidivism, perceived problem-solving abilities, MMPI characteristics, and violence: a study of black and white incarcerated male adult offenders. Ingram JC, et al. **J Clin Psychol** 1985 May;41(3):425-32

Use of the MMPI to identify subtypes of delinquent adolescents. Lueger RJ, et al. **J Clin Psychol** 1984 Nov; 40(6):1493-5

The Harris-Lingoes subscales: fact or fiction? Miller HR, et al. **J Clin Psychol** 1985 Jan;41(1):45-51

Mexican Americans' performance on the MMPI as a function of level of acculturation. Montgomery GT, et al. **J Clin Psychol** 1985 Mar;41(2):203-12

The relationship between the Wiggins' PSY scale and length of hospitalization: a re-examination. Patrick J. **J Clin Psychol** 1985 May;41(3):386-8

The schizophrenia spectrum: a study of the relationship among the Rorschach, MMPI, and visual backward masking. Saccuzzo DP, et al. **J Clin Psychol** 1984 Nov; 40(6):1288-94

Age differences in MMPI scale scores from 1,189 psychiatric patients. Schenkenberg T, et al. **J Clin Psychol** 1984 Nov; 40(6):1420-6

The relationship between WAIS PA and MMPI SI is mediated by MMPI PD. Terry RL, et al. **J Clin Psychol** 1984 Jul;40(4):970-1

Cluster analytic methods applied to the Minnesota Multiphasic Personality Inventory in a psychiatric population. Thieret NL, et al. **J Clin Psychol** 1985 Mar; 41(2):197-202

Do anorexics and schizophrenics look alike on the MMPI? A critique. Verberne TJ. **J Clin Psychol** 1984 Nov; 40(6):1433-4

The utility of an improved readability short form of the MMPI with elderly male patients. Ward LC, et al. **J Clin Psychol** 1984 Jul;40(4):997-1000

The schizophrenia-organicity (SC-O) and psychiatric-organic (P-O) MMPI scales: a review. Watson CG. **J Clin Psychol** 1984 Jul;40(4):1008-23

MMPI codetypes characteristic of DSM-III schizophrenics, depressives, and bipolars. Winters KC, et al. **J Clin Psychol** 1985 May;41(3):382-6

MMPI correlates of relatively localized brain damage. Woodward JA, et al. **J Clin Psychol** 1984 Jul;40(4):961-9

Prediction of dissimulation on the MMPI in a clinical field setting. Gallucci NT. **J Consult Clin Psychol** 1984 Oct; 52(5):917-8

MMPI omitted items: a method for quickly determining individual scale impact. Karol RL. **J Consult Clin Psychol** 1985 Feb;53(1):134-5

Empirical development of an MMPI subscale for the assessment of combat-related posttraumatic stress disorder. Keane TM, et al. **J Consult Clin Psychol** 1984 Oct; 52(5):888-91

Replicated MMPI subtypes for alcoholic men and women: relationship to self-reported drinking behaviors. Kline RB, et al. **J Consult Clin Psychol** 1985 Feb;53(1):70-9

MMPI discrimination of defensive and nondefensive felony sex offenders. Lanyon RI, et al. **J Consult Clin Psychol** 1984 Oct;52(5):841-3

Empirically derived MMPI profile clusters and characteristics of low back pain patients. McCreary C. **J Consult Clin Psychol** 1985 Aug;53(4):558-60

Comparison of the validities of the Beck, Zung, and MMPI Depression Scales. Schaefer A, et al. **J Consult Clin Psychol** 1985 Jun;53(3):415-8

Comparison of external correlates of MMPI substance abuse scales across sex and race. Snyder DK, et al. **J Consult Clin Psychol** 1985 Aug;53(4):520-5

MMPI characteristics of borderline personality inpatients. Evans RW, et al. **J Nerv Ment Dis** 1984 Dec;172(12):742-8

MMPI critical item characteristics of the DSM-III borderline personality disorder. Pitts WM Jr, et al. **J Nerv Ment Dis** 1985 Oct;173(10):628-31

MMPI characteristics of borderline psychopathology in adolescent inpatients. Archer RP, et al. **J Pers Assess** 1985 Feb;49(1):47-55

MMPI substance abuse scales on drug addicts with and without concurrent alcoholism. Craig RJ. **J Pers Assess** 1984 Oct;48(5):495-9

Clinical correlates of high lie scale elevations among forensic patients. Fjordbak T. **J Pers Assess** 1985 Jun;49(3):252-5

The development and cross-validation of an MMPI typology of murderers. Holcomb WR, et al. **J Pers Assess** 1985 Jun; 49(3):240-4

Discriminant validity of the MMPI for borderline personality disorder. Hurt SW, et al. **J Pers Assess** 1985 Feb; 49(1):56-61

MMPI scales for DSM-III personality disorders: their derivation and correlates. Morey LC, et al. **J Pers Assess** 1985 Jun;49(3):245-51

Aggressive response sets and subtle-obvious MMPI scale distinctions in male offenders. Posey CD, et al. **J Pers Assess** 1985 Jun;49(3):235-9

The Mezzich MMPI regression formula revisited. Post RD, et al. **J Pers Assess** 1985 Jun;49(3):258-9

The Goldberg neurotic-psychotic rule and MMPI 2-7-8 patients. Roy RE. **J Pers Assess** 1984 Aug;48(4):398-402

Psychometric prediction of psychiatric learning. Schorer CE. **J Pers Assess** 1984 Aug;48(4):388-9

A comparison of male and female alcoholics with an MMPI classification system. Swain-Holcomb B, et al. **J Pers Assess** 1984 Aug;48(4):392-7

Identifying schizophrenia by means of scale 8 Sc of the MMPI. Walters GD. **J Pers Assess** 1984 Aug;48(4):390-1

Discriminating between alcoholic and nonalcoholic blacks and whites on the MMPI. Walters GD, et al. **J Pers Assess** 1984 Oct;48(5):486-8

Mmpi characteristics of parents referred for child-custody studies. Ollendick DG, et al. **J Psychol** 1984 Jul;117(2D Half):227-32

The value of the MMPI conversion 'V' in the assessment of psychogenic pain. Leavitt F. **J Psychosom Res** 1985; 29(2):125-31

Problems with the MMPI [editorial] Smythe HA. **J Rheumatol** 1984 Aug;11(4):417-8

Utility of the MMPI-168 with men inpatient alcoholics. Evans RG. **J Stud Alcohol** 1984 Jul;45(4):371-3

Psychosocial criteria for patient selection: review of studies and concepts for understanding chronic back pain. Keel PJ. **Neurosurgery** 1984 Dec;15(6):935-41

Canonical analysis of the MMPI and WAIS in a psychiatric sample. Berg AJ, et al. **Psychol Rep** 1985 Feb;56(1):115-22

Age-group classification of male alcoholics as a function of MMPI experimental scales. Carey MP, et al. **Psychol Rep** 1984 Dec;55(3):697-8

Relationships between irrational beliefs and self-report indices of psychopathology. Evans RM, et al. **Psychol Rep** 1984 Oct;55(2):545-6

Comparative validity of the MMPI-168 and the MMPI-168E in discrimination of neurotic and psychotic MMPI profiles. Gayton WF, et al. **Psychol Rep** 1984 Dec;55(3):874

Scores on three MMPI alcohol scales of parents who receive child custody. Ollendick DG. **Psychol Rep** 1984 Aug; 55(1):337-8

What art thou MacAndrew scale? Confusion and errata in high places. Sinnett ER. **Psychol Rep** 1985 Apr;56(2):384-6

Note on the reliability of the MMPI with Spanish-speaking inmates in the federal prison system. Traub GS, et al. **Psychol Rep** 1985 Apr;56(2):373-4

A cross-validation of Paulson's discriminant function-derived scales for identifying 'at risk' child-abusive parents. Beal D, et al. **Suicide Life Threat Behav** 1984 Winter;14(4):270-4

MNSS BLOOD-GROUP SYSTEM

Studies on Mv red cells. II. Immunochemical investigations. Dahr W, et al. **Blut** 1984 Oct;49(4):299-306

Synthesis of the Mg antigenic determinant and peptide analogs related to human glycophorin A. Ferrari B, et al. **Int J Pept Protein Res** 1984 Nov;24(5):488-97

The Wrb antigen in Sta-positive and Dantu-positive human erythrocytes. Ridgwell K, et al. **J Immunogenet** 1984 Oct-Dec;11(5-6):365-70

A clinically significant anti-N in a patient whose red cells were negative for N and U antigens. Ballas SK, et al. **Transfusion** 1985 Jul-Aug;25(4):377-80

[Effect of ultrasonics on the detection of M and N group antigens in blood stains] Romanovski U. **Sud Med Ekspert** 1985 Jan-Mar;28(1):31-2 (Eng. Abstr.) **(Rus)**

GENETICS

Genetic marker association in schizophrenia: ABO, MN, Rhesus and Lewis blood groups. Saha N, et al. **Ann Acad Med Singapore** 1985 Jan;14(1):110-2

Estimating the recombination frequency for the MN and the Ss loci. Spence MA, et al. **Hum Hered** 1984;34(6):343-7

Blood pressure and blood group markers: association with the MN locus. Gleiberman L, et al. **J Hypertens** 1984 Aug; 2(4):337-41

The ABO, MN, phosphoglucomutase1 (PGM1) and 6-phosphogluconate dehydrogenase (PGD) types in Chiang Mai population. Tomita Y, et al. **J Med Assoc Thai** 1984 Sep;67(9):498-503

Distribution of PiM subtypes in Yamanashi Prefecture. Kido A, et al. **Nippon Hoigaku Zasshi** 1985 Feb;39(1):19-22

IMMUNOLOGY

High frequency antigens of human erythrocyte membrane sialoglycoproteins. I. Ena receptors in the glycosylated domain of the MN sialoglycoprotein. Dahr W, et al. **Biol Chem Hoppe Seyler** 1985 Jan;366(1):41-51

Late expression of M and N antigens on glycophorin A during erythroid differentiation. Ekblom M, et al. **Blood** 1985 Jul;66(1):233-6

Reactivity of monoclonal antibodies directed against blood group antigens M and N. Sonneborn HH, et al. **Dev Biol Stand** 1984;57:61-8

Binding specificities of eight monoclonal antibodies to human glycophorin A--studies with McM, and MkEn(UK) variant human erythrocytes and M- and MNV-type chimpanzee erythrocytes. Bigbee WL, et al. **J Immunol** 1984 Dec;133(6):3149-55

Comparison of human and siamang ABH and MN blood groups using monoclonal antibodies. Rearden A, et al. **J Med Primatol** 1984;13(6):315-25

Serological thermo-stability of M- and N-active sialoglycoprotein preparations from OM and ON human erythrocytes. Okazaki S, et al. **Nippon Hoigaku Zasshi** 1984 Apr;38(2):147-51

ABO.MN antigenicities and lectin receptor activities of old and young human erythrocytes. Shinozuka T, et al. **Nippon Hoigaku Zasshi** 1984 Aug;38(4):397-402

Report of transfusions of M- and P1-positive red cells to a patient with anti-M and anti-P1 [letter] Aubuchon JP, et al. **Transfusion** 1985 Mar-Apr;25(2):181-2 pH effect on anti-N reactivity [letter] Bowman HS. **Transfusion** 1985 Jan-Feb;25(1):86-7

Mouse monoclonal antibodies reacting with M blood group-related antigens. Fraser RH, et al. **Transfusion** 1985 May-Jun;25(3):261-6

Destruction of the S antigen by sodium hypochlorite. Rygiel SA, et al. **Transfusion** 1985 May-Jun;25(3):274-7

Localization of MN blood group antigens in kidney. Hawkins P, et al. **Transplant Proc** 1985 Apr;17(2):1697-700

Two blood group M epitopes disclosed by monoclonal antibodies. Nichols ME, et al. **Vox Sang** 1985;49(2):138-48

[A rare case of anti-M materno-fetal immunization with a peculiar serologic reactivity] Caprioli E, et al. **Riv Emoter Immunoematol** 1984;31(1):101-5 (Eng. Abstr.) **(Ita)**

MOBILE EMERGENCY UNITS see **AMBULANCES**

MOBILE HEALTH UNITS

A mobile dental clinic program as part of the dental curriculum. Ellis RL, et al. **Can Dent Assoc J** 1985 Feb;51(2):125-9

Mobile MRIs establish market access at low cost, minimal risk. **Hospitals** 1985 Feb 16;59(4):70-3

Cataract surgery as an outdoor procedure in rural areas through mobile van (a new strategy for prevention of cataract blindness). Mathur A, et al. **Indian J Ophthalmol** 1984 May-Jun;32(3):165-8

Mobile intensive coronary care [letter] Mason AM. **Lancet** 1985 Mar 30;1(8431):749

Mobile coronary care [letter] Wilson C, et al. **Lancet** 1985 May 18;1(8438):1156-7

REFORGER patient data: information collected in a CSH emergency room during a military training exercise. McMarlin SA, et al. **Milit Med** 1985 Jul;150(7):368-71

A mobile mass screening unit for prostatic disease. Watanabe H, et al. **Prostate** 1984;5(5):559-65

Health status and social conditions of the elderly in remote districts. Results of a screening programme. Anttila S, et al. **Scand J Soc Med** 1985;13(3):119-26

[Sudden death outside the hospital: evaluation of the activities of an intensive care mobile unit in Geneva] Urban P, et al. **Schweiz Med Wochenschr** 1985 Feb 9;115(6):206-9 (Eng. Abstr.) **(Fre)**

[Mobile laboratory for research on rush biopsies] Shmurun RI. **Arkh Patol** 1985;47(4):62-4 (Eng. Abstr.) **(Rus)**

MANPOWER

[Disaster preparedness among surgeons] Johansen TE, et al. **Tidsskr Nor Laegeforen** 1985 Jun 20;105(17-18):1213-6 (Eng. Abstr.) **(Nor)**

ORGANIZATION & ADMINISTRATION

Mobile medical screening teams for public programs. Koran LM, et al. **Hosp Community Psychiatry** 1984 Nov;35(11):1151-2

Four WI hospitals share mobile CT scanner. **Hospitals** 1984 Nov 16;58(22):56

[Mobile itinerant ophthalmology in tropical Africa] Toufic N. **Rev Int Trach Pathol Ocul Trop Subtrop Sante Publique** 1983;:43-58 (Eng. Abstr.) **(Fre)**

[Activities of a mobile polyclinic for providing outpatient services for women in remote regions of the Tomsk district] Popova VN, et al. **Akush Ginekol (Mosk)** 1985 May;(5):64-5 **(Rus)**

[Effect of improvement of pre-hospital medical services on mortality in acute myocardial infarction] Gol'dberg GA, et al. **Kardiologiia** 1984 Nov;24(11):100-3 (Eng. Abstr.) **(Rus)**

[Activities of specialized mobile health units of the district tuberculosis dispensary] Pakharin VI, et al. **Probl Tuberk** 1985;(3):12-5 (Eng. Abstr.) **(Rus)**

[Effectiveness of the centralized control of diagnosing and treating newly detected destructive pulmonary tuberculosis] Rudoĭ NM, et al. **Probl Tuberk** 1985;(2):8-11 (Eng. Abstr.) **(Rus)**

[The medical institute's mobile health units in rendering rural health services] Lutsenko MT, et al. **Sov Zdravookhr** 1985;(3):50-1 **(Rus)**

SUPPLY & DISTRIBUTION

Mobile eye-care teams and rural ophthalmology in southern Africa. Hill JC. **S Afr Med J** 1984 Oct 6;66(14):531-5

TRENDS

[Mobile health office accessory station--a study] Corinth G. **Off Gesundheitswes** 1985 Jan;47(1):37-9 **(Ger)**

UTILIZATION

Physician-attended MICUs [letter] Slater PE. **Am J Emerg Med** 1985 Jul;3(4):372-3

MODELS, ANATOMIC

Conception and realization of artificial dyed embryos for training in in vitro fertilization and embryo transfer (IVF and ET). Menezo Y, et al. **Acta Eur Fertil** 1985 Jan-Feb;16(1):55-8

Use of multiple regression techniques in determining the surface of the cornea. Block MG, et al. **Am J Optom Physiol Opt** 1984 Dec;61(12):721-8

A coherent grid system of coordinates for precise anatomical localization. Kevorkian J. **Anat Clin** 1984;6(3):183-93

A simplified method for hand-made oblique graphical reconstructions. Claeys H, et al. **Anat Rec** 1984 Dec;210(4):683-92

Herpes simplex virus and CPR training manikins: reducing the risk of cross-infection. Hudson AD. **Ann Emerg Med** 1984 Dec;13(12):1108-10

Moulage in a disaster simulation exercise. Krohmer JR, et al. **Ann Emerg Med** 1985 Oct;14(10):1032-5

Three-dimensional reconstruction of the cochlear nuclear complex in humans. Terr LI, et al. **Arch Otolaryngol** 1985 Aug;111(8):495-501

Model studies on cast specimens of human right ventricles. Duebel HP, et al. **Cor Vasa** 1984;26(3):210-9

The splenic red pulp; a histomorphometrical study in splenectomy specimens embedded in methylmethacrylate. van Krieken JH, et al. **Histopathology** 1985 Apr;9(4):401-16

Recommendations for decontaminating manikins used in cardiopulmonary resuscitation training 1983 update. **Infect Control** 1984 Aug;5(8):399-401

CT of a bronchial phantom. Factors affecting appearance and size measurements. Webb WR, et al. **Invest Radiol** 1984 Sep-Oct;19(5):394-8

The use of live patients in clinical board examinations: the debate. **J Am Dent Assoc** 1985 Feb;110(2):164-70

Calculation of an IOL from the wide-angle optical model of the eye. Pomerantzeff O, et al. **J Am Intraocul Implant Soc** 1985 Jan;11(1):37-43

Effect of the larynx on oscillatory flow in the central airways: a model study. Menon AS, et al. **J Appl Physiol** 1985 Jul;59(1):160-9

Utilization of an anthropomorphic model in pelvic examination instruction. Rakestraw PG, et al. **J Med Educ** 1985 Apr;60(4):343-5

Geometric model of the rat intestinal mucosa for stereological evaluation of villus amplification factors. Mayhew TM. **J Microsc** 1984 Sep;135 (Pt 3):337-46

New classification methods of branching patterns. Van Pelt J, et al. **J Microsc** 1984 Oct;136 (Pt 1):23-34

A simple hidden line removal algorithm for serial section reconstruction. Capowski JJ, et al. **J Neurosci Methods** 1985 Apr;13(2):145-52

On the calculation of surface areas of objects reconstructed from serial sections. Funnell WR. **J Neurosci Methods** 1984 Aug;11(3):205-10

Structural details of boundary layer separation in a model human carotid bifurcation under steady and pulsatile flow conditions. LoGerfo FW, et al. **J Vasc Surg** 1985 Mar;2(2):263-9

Artificial eardrum for instruction in myringotomy and PE tube insertion. Neal SL, et al. **Laryngoscope** 1985 Aug;95(8):1008-9

Illustrations from the Wellcome Institute Library. The origin of the Wellcome anatomical waxes. Albinus and the Florentine collection at La Specola. Hilloowala R. **Med Hist** 1984 Oct;28(4):432-7

A computational approach to visual recognition of arm movements. Vaina L, et al. **Percept Mot Skills** 1985 Feb;60(1):203-28

A practical guide to the construction of a 'cire perdue' model of the human nose. Collins MP. **Rhinology** 1985 Mar;23(1):71-8

A technique for obtaining replicas of small tubular systems by microinjection of vinyl acetate. Buckland-Nicks J, et al. **Stain Technol** 1984 Nov;59(6):311-3

Angular distribution of scattered ultrasound from a single steel sphere in agar gelatin: a comparison between theory and experiment. Burke TM, et al. **Ultrasonic Imaging** 1984 Jul;6(3):342-7

[Flexible silicone hepatic casts] Kumon M, et al. **Ann Chir** 1985 Apr;39(3):221-3 (Eng. Abstr.) **(Fre)**

[Manufacture of bone models based on computed tomographic data for use in surgery and orthopedics] Giebel G, et al. **Biomed Tech (Berlin)** 1985 May;30(5):111-4 (Eng. Abstr.) **(Ger)**

[3-dimensional bone models following computer tomography data. Computer design and computer production for operation planning in surgery and orthopedics] Mildenstein K, et al. **Fortschr Med** 1985 Apr 4;103(13):331-4 (Eng. Abstr.) **(Ger)**

[Types of error and error propagation in morphometry] Rother P. **Gegenbaurs Morphol Jahrb** 1985;131(2):205-9 (Eng. Abstr.) **(Ger)**

[A practice phantom for learning rectal digital examination] Klug W, et al. **Zentralbl Chir** 1985;110(11):695-8 **(Ger)**

[Biomechanical models of the human skull: stability of various segments in three simulations] Pesce Delfino V, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31;60(7):1293-9 (Eng. Abstr.) **(Ita)**

[Preliminary study on the use of a computerized physical model for the study of the prinicipal parameters of heart function] Picozzi P, et al. **Boll Soc Ital Cardiol** 1983 Nov;28(11):981-91 (Eng. Abstr.) **(Ita)**

[Three dimensional model structure of the heart ventricle and abdomen for retrogressive-problem solving in ECG] Douniwa K. **Iyodenshi To Seitai Kogaku** 1984 Sep;22(5):362-3 **(Jpn)**

MODELS, BIOLOGICAL

see related

DISEASE MODELS, ANIMAL

A visual representation of a model for monitoring the state of oxygenation in the critically ill patients. Description and clinical validation. Lanza V, et al. **Acta Anaesthesiol Belg** 1984;35 Suppl:179-86

Simulated spontaneous breathing. A new model for testing anaesthetic circuits. Zetterström H, et al. **Acta Anaesthesiol Scand** 1985 Apr;29(3):265-8

Canine model for microvascular reconstruction of the larynx. Duncavage JA, et al. **Acta Otolaryngol (Stockh)** 1984 Sep-Oct;98(3-4):362-7

Deformed colour images at vestibular provocation. Kumanova MD. **Acta Otorhinolaryngol Belg** 1984;38(5):523-9

Neonatal cerebral blood flow velocity I. An in vitro validation of the pulsed Doppler technique. Lundell BP, et al. **Acta Paediatr Scand** 1984 Nov;73(6):810-5

A neural network model of multistable perception. Kawamoto AH, et al. **Acta Psychol (Amst)** 1985 May;59(1):35-65

An evaluation of Easton's paradigm for the oxyhemoglobin equilibrium curve. Buerk DG. **Adv Exp Med Biol** 1984;180:333-44

Approximate-analytical solution of the diffusion, convection and reaction problem in homogeneous media. Busch NA, et al. **Adv Exp Med Biol** 1984;180:43-64

A two pore size distribution model for transcapillary exchange of substances. Chen II, et al. **Adv Exp Med Biol** 1984;180:109-18

Implications of altered hemoglobin concentration with variations in oxygen consumption, arterial oxygen saturation, and age based on a mathematical model for the utilization of reserve oxygen transport capacity. Farrell K, et al. **Adv Exp Med Biol** 1984;180:523-9

Transients of gas exchange processes in the upper skin calculated by the capillary loop model. Grossmann U, et al. **Adv Exp Med Biol** 1984;180:35-41

The effects of mixing on continuous Michaelis-Menten reactions. Hanley TR, et al. **Adv Exp Med Biol** 1984;180:531-8

A unified theory for the mechanism of the lethal hit by cytotoxic T lymphocytes (CTL) and natural killer (NK) cells as defined by antisera capable of blocking the lethal hit stage of cytotoxicity. Hiserodt JC. **Adv Exp Med Biol** 1985;184:139-60

A digital model for determining oxygen consumption in tissue. Hynson J, et al. **Adv Exp Med Biol** 1984;180:803-22

A simulation of three dimensional oxygen transport in brain tissue with a single neuron-single capillary system by the Williford-Bruley technique. Kang KA, et al. **Adv Exp Med Biol** 1984;180:887-99

Microcirculatory mass transfer. Lightfoot EN, et al. **Adv Exp Med Biol** 1984;180:13-33

Functional relationships of Lyt-2 and Lyt-3 expression and T-cell cytotoxicity: a new model system. Palladino MA Jr, et al. **Adv Exp Med Biol** 1985;184:355-64

Quantitative models for the kinetics of cell-mediated cytotoxicity at the single cell level. Perelson AS, et al. **Adv Exp Med Biol** 1985;184:551-61

Dual role of diffusion in tissue gas exchange: blood-tissue equilibration and diffusion shunt. Piiper J, et al. **Adv Exp Med Biol** 1984;180:85-94

Elements for modeling inert gas washout from heterogeneous tissues. Scheid P, et al. **Adv Exp Med Biol** 1984;180:65-72

Evidence for alternative pathways of methionine catabolism. Benevenga NJ. **Adv Nutr Res** 1984;6:1-18 (40 ref.)

The myth of 'the average alcohol response'. Reed TE. **Alcohol** 1985 May-Jun;2(3):515-9

The degree to which myocardial infarct site and size determine the electrocardiographic axis. Analysis of correlative data by computational modeling. Horan LG, et al. **Am J Cardiol** 1985 May 1;55(11):1247-54

Loglinear modeling with inexpensive computing equipment. Koepsell TD. **Am J Epidemiol** 1984 Nov;120(5):777-87

Pharmacokinetics of ceftriaxone in patients with renal and liver insufficiency and correlations with a physiologic nonlinear protein binding model. Stoeckel K, et al. **Am J Med** 1984 Oct 19;77(4C):26-32

Sensitivity to retinal defocus with aspheric soft lenses--predictions and clinical validation. Evans TC, et al. **Am J Optom Physiol Opt** 1984 Dec;61(12):729-36

The use of in vitro models for investigating the response of fibrous joints to tensile mechanical stress. Meikle MC, et al. **Am J Orthod** 1984 Feb;85(2):141-53

Limb bone allometry in primates: a test of the elastic similarity model. Steudel K. **Am J Phys Anthropol** 1984 Nov;65(3):323-8

A model of proximal tubular bicarbonate absorption. Alpern RJ, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):F272-81

Kinetic model for disposition of 6-mercaptopurine in monkey plasma and cerebrospinal fluid. Covell DG, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):R147-56

The modeling methodology forum: an expanded department. DiStefano JJ 3d. **Am J Physiol** 1985 Mar;248(3 Pt 1):C187-8

A distributed model of peritoneal-plasma transport: tissue concentration gradients. Flessner MF, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F425-35

A distributed model of peritoneal-plasma transport: analysis of experimental data in the rat. Flessner MF, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):F413-24

Weak electrolyte absorption modeling: comment on a contribution [letter] Jackson MJ. **Am J Physiol** 1985 Mar; 248(3 Pt 1):G380-3

Analysis of tricarboxylic acid cycle using [14C]citrate specific activity ratios. Kelleher JK. **Am J Physiol** 1985 Feb;248(2 Pt 1):E252-60

Multiple-objective criteria for optimal experimental design: application to ferrokinetics. Nathanson MH, et al. **Am J Physiol** 1985 Mar;248(3 Pt 2):R378-86

Homeostatic capability of rate-sensitive feedback system: mathematical model. Okamoto M, et al. **Am J Physiol** 1984 Nov;247(5 Pt 2):R927-31

Automated classification of lymphoid cells. Juan J, et al. **Anal Quant Cytol** 1985 Mar;7(1):38-46

Simulation model for gynecologic specimen classification in a high-resolution prescreening system. Ott R. **Anal Quant Cytol** 1984 Dec;6(4):262-71

Epidemiological model of hepatitis B. Cvjetanovic B, et al. **Ann Acad Med Singapore** 1984 Apr;13(2):175-84

Estimating medullary chemoreceptor blood flow from ventilatory-CO2 response transients: theory and data from anesthetized dogs. Adams JM, et al. **Ann Biomed Eng** 1984; 12(1):1-13

Computer simulation of metabolism in palmitate-perfused rat heart. III. Sensitivity analysis. Kohn MC. **Ann Biomed Eng** 1983;11(6):533-49

Computer simulation of metabolism in palmitate-perfused rat heart. II. Behavior of complete model. Kohn MC, et al. **Ann Biomed Eng** 1983;11(6):511-31 (66 ref.)

Pressure and volume measurements from the eye for detecting possible arterial obstruction. McRae LP, et al. **Ann Biomed Eng** 1984;12(1):63-78

Anti-Ig as a model for MHC-restricted help. Parker DC, et al. **Ann Immunol (Paris)** 1984 Jul-Aug;135D(1):89-91 (17 ref.)

A model for the control of differentiation in Rhodomicrobium vannielii swarmer cells. Turner AM, et al. **Ann Inst Pasteur Microbiol** 1985 Jan-Feb;136A(1):29-32

Origin and fate of cholesterol in rat plasma lipoproteins in vivo. II. Modelling of cholesterol absorption and its release into plasma lipoproteins. Magot T, et al. **Ann Nutr Metab** 1985;29(3):160-74

Absorption of gases in the respiratory tract. Davies CN. **Ann Occup Hyg** 1985;29(1):13-25

Evaluation of errors in expiratory flow method of breath-by-breath gas exchange measurement. Koga S, et al. **Ann Physiol Anthropol** 1984 Oct;3(4):283-9

Systemic response to local urate crystal induced inflammation in man: a possible model to study the acute phase response. Hutton CW, et al. **Ann Rheum Dis** 1985 Aug;44(8):533-6

Molecular dynamics of ion transport through transmembrane model channels. Polymeropoulos EE, et al. **Annu Rev Biophys Biophys Chem** 1985;14:315-30 (99 ref.)

Microbial models of mammalian metabolism: microbial reduction and oxidation of pentoxifylline. Davis PJ, et al. **Appl Environ Microbiol** 1984 Aug;48(2):327-31

Thermoregulation--an optimal control-loop? Werner J. **Arch Exp Veterinarmed** 1984 May;38(3):347-52

Supernumerary teeth in anthropoid primates and models of tooth development. Schwartz JH. **Arch Oral Biol** 1984; 29(10):833-42

Predicative calculation of the efficiency of hemodialysis or hemoperfusion for the removal of drugs from the body. Wellhöner HH. **Arch Toxicol** 1985 Jan;56(3):182-9

Sodium modeling during hemodialysis: a new approach. Petitclerc T, et al. **Artif Organs** 1984 Nov;8(4):418-22

A statistical analysis of motion sickness incidence data. Mauro CA, et al. **Aviat Space Environ Med** 1983 Mar;54(3):253-7

Searching-waiting strategy: a candidate for an evolutionary model of depression? Thierry B, et al. **Behav Neural Biol** 1984 Jul;41(2):180-9

Basic relationships in precipitating antigen-antibody systems: a comparison of a simple theory with experiment. Gronski P, et al. **Behring Inst Mitt** 1984 Nov;(76):15-28

Complex formation of platelet membrane glycoproteins IIb and IIIa: a model of platelet activation. Nachman RL, et al. **Bibl Haematol** 1983;(49):127-30

Regulation of processing in multi-functional prohormones: a new hypothesis. Smyth DG. **Biochem Soc Trans** 1985 Feb;13(1):38-9

Bilayer membranes containing the ganglioside GM1: models for electrostatic potentials adjacent to biological membranes. McDaniel RV, et al. **Biochemistry** 1984 Sep 25;23(20):4618-24

Dielectric analysis of mitochondria isolated from rat liver. II. Intact mitochondria as simulated by a double-shell model. Asami K, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):570-8

Dielectric analysis of mitochondria isolated from rat liver. I. Swollen mitoplasts as simulated by a single-shell model. Asami K, et al. **Biochim Biophys Acta** 1984 Dec 19; 778(3):559-69

Evidence for a water-soluble intermediate in exchange of cholesterol between membranes. Bruckdorfer KR, et al. **Biochim Biophys Acta** 1984 Dec 19;778(3):489-96

delta-mu H-buffering by Na+ and K+ gradients in bacteria. Model and experimental systems. Drachev AL, et al. **Biochim Biophys Acta** 1985 Jun 3;811(2):197-215

A study of the kinetics and mechanism of ADP-triggered platelet aggregation. Hantgan RR. **Biochim Biophys Acta** 1985 Jul 30;846(1):64-75

The overshoot phenomenon in cotransport. Heinz E, et al. **Biochim Biophys Acta** 1984 Sep 19;776(1):83-91

Metabolism of protein-free lipid emulsion models of chylomicrons in rats. Redgrave TG, et al. **Biochim Biophys Acta** 1985 Jun 14;835(1):104-12

Diversity in the immune system: 'preconceived ideas' or ideas preconceived? Cohn M. **Biochimie** 1985 Jan;67(1):9-27 (50 ref.)

Pushing the signal hypothesis: what are the limits? Hortsch M, et al. **Biol Cell** 1984;52(1 Pt A):1-8 (68 ref.)

Spatiotemporal inseparability in early visual processing. Fleet DJ, et al. **Biol Cybern** 1985;52(3):153-64 (60 ref.)

The structure of images. Koenderink JJ. **Biol Cybern** 1984; 50(5):363-70

An analysis of extracellular single muscle fibre action potential field--modelling results. Miller-Larsson A. **Biol Cybern** 1985;51(4):271-84

A neural network model for the mechanism of feature-extraction. A self-organizing network with feedback inhibition. Miyake S, et al. **Biol Cybern** 1984; 50(5):377-84

A computational aspect of kinetic depth effect. Sugie N, et al. **Biol Cybern** 1984;50(6):431-6

Autoregressive time series analysis via representatives. Teodorescu D, et al. **Biol Cybern** 1984;51(2):79-86

Parametric analysis of dynamic postural responses. Werness SA, et al. **Biol Cybern** 1984;51(3):155-68

FEBS advanced course. Mathematical modeling of cellular processes. October 29-November 2, 1984. **Biomed Biochim Acta** 1985;44(6):823-1003

Mathematical modeling of mitochondrial energy transduction. Bohnensack R. **Biomed Biochim Acta** 1985; 44(6):853-62

Thermodynamics of self-organization and evolution. Ebeling W. **Biomed Biochim Acta** 1985;44(6):831-8

Computer-based modeling of biological systems which are inherently complex: problems, strategies, and methods. Garfinkel D. **Biomed Biochim Acta** 1985;44(6):823-9

Complex oscillatory phenomena, including multiple oscillations, in regulated biochemical systems. Goldbeter A. **Biomed Biochim Acta** 1985;44(6):881-9

Application of control analysis in studies of regulation of intermediary metabolism. Groen AK, et al. **Biomed Biochim Acta** 1985;44(6):943-52

Efficiency and design of simple metabolic systems. Heinrich R, et al. **Biomed Biochim Acta** 1985;44(6):959-69

Compartmental analysis: theoretical aspects and application. Holzhütter HG. **Biomed Biochim Acta** 1985;44(6):863-73

A new method of parameter estimation from progress curves. Holzhütter HG, et al. **Biomed Biochim Acta** 1984; 43(6):813-20

Mathematical modeling of immobilized enzyme systems. Kernevez JP, et al. **Biomed Biochim Acta** 1985; 44(6):993-1003

On optimum properties in the design of metabolic and epigenetic systems. Reich JG. **Biomed Biochim Acta** 1985; 44(6):845-52

Mathematics of organizationally complex systems. Savageau MA. **Biomed Biochim Acta** 1985;44(6):839-44

A theory of alternative designs for biochemical control systems. Savageau MA. **Biomed Biochim Acta** 1985; 44(6):875-80

Bilayer couple as a possible mechanism of biological shape formation. Svetina S, et al. **Biomed Biochim Acta** 1985; 44(6):979-86

Thermodynamics and control of proton motive free-energy transduction. Westerhoff HV. **Biomed Biochim Acta** 1985; 44(6):929-41

Perpendicular distance models for line transect sampling. Buckland ST. **Biometrics** 1985 Mar;41(1):177-95

Modelling the migration of Onchocerca volvulus in simuliids, using a simple compartmental process. Jerwood D, et al. **Biometrics** 1984 Jun;40(2):313-22

A biological marker model for predicting disease transitions. Klein JP, et al. **Biometrics** 1984 Dec;40(4):927-36

Maximum likelihood estimation of variance components for a multivariate mixed model with equal design matrices. Meyer K. **Biometrics** 1985 Mar;41(1):153-65

Markov models for covariate dependence of binary sequences. Muenz LR, et al. **Biometrics** 1985 Mar; 41(1):91-101

Estimation for a model of multiple malaria infections. Nedelman J. **Biometrics** 1985 Jun;41(2):447-53

Pharmacokinetic-pharmacodynamic modelling and simulation using the electrical circuit simulation program SPICE2. Thakker KM. **Biopharm Drug Dispos** 1984 Oct-Dec;5(4):315-33

Linear free energy relationship for osmotic water flow through a membrane. Havsteen BH. **Biophys Chem** 1984 Nov;20(4):305-17

Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. Experimental verification on unilamellar vesicles and lipid/alpha-lactalbumin complexes. Ameloot M, et al. **Biophys J** 1984 Oct;46(4):525-39

Analysis of lumped and distributed elements models of cut muscle fibers in vaseline or sucrose gap preparations. Andrietti F, et al. **Biophys J** 1984 Nov;46(5):625-30

Segmented and 'equivalent' representation of the cable equation. Andrietti F, et al. **Biophys J** 1984 Nov; 46(5):615-23

Coupling between fluxes in one-particle pores with fluctuating energy profiles. A theoretical study. Ciani S. **Biophys J** 1984 Aug;46(2):249-52

Oxygen delivery from red cells. Clark A Jr, et al. **Biophys J** 1985 Feb;47(2 Pt 1):171-81

Resolution of mixtures of fluorophores using variable-frequency phase and modulation data. Gratton E, et al. **Biophys J** 1984 Oct;46(4):479-86

Intramolecular dynamics of chain molecules monitored by fluctuations in efficiency of excitation energy transfer. A theoretical study. Haas E, et al. **Biophys J** 1984 Oct; 46(4):429-37

Stochastic behavior of a many-channel membrane system. Jackson MB. **Biophys J** 1985 Feb;47(2 Pt 1):129-37

Normal-mode analysis of lateral diffusion on a bounded membrane surface. Koppel DE. **Biophys J** 1985 Mar; 47(3):337-47

Analysis of fluorescence decay kinetics from variable-frequency phase shift and modulation data. Lakowicz JR, et al. **Biophys J** 1984 Oct;46(4):463-77

Structure and dynamics of ion transport through gramicidin A. Mackay DH, et al. **Biophys J** 1984 Aug;46(2):229-48

Mattress model of lipid-protein interactions in membranes. Mouritsen OG, et al. **Biophys J** 1984 Aug;46(2):141-53

A general solution to the time interval omission problem applied to single channel analysis. Roux B, et al. **Biophys J** 1985 Jul;48(1):149-58

Simple model can explain self-inhibition of red cell anion exchange. Tanford C. **Biophys J** 1985 Jan;47(1):15-20

Constitutive equations of skeletal muscle based on cross-bridge mechanism. Tözeren A. **Biophys J** 1985 Feb; 47(2 Pt 1):225-36

The source of the dispersity of gramicidin A single-channel conductances. The L X Leu5-gramicidin A analog. Urry DW, et al. **Biophys J** 1984 Aug;46(2):259-65

Effect of orientational order on the decay of the fluorescence anisotropy in membrane suspensions. A new approximate solution of the rotational diffusion equation. van der Meer W, et al. **Biophys J** 1984 Oct;46(4):515-23

Separation of translational and rotational contributions in solution studies using fluorescence photobleaching recovery. Wegener WA, et al. **Biophys J** 1984 Dec; 46(6):787-93

Effect of anisotropic bending rigidity and finite twisting rigidity on statistical properties of DNA model filaments. Schurr JM. **Biopolymers** 1985 Jul;24(7):1233-46

Measurement of erythrocyte orientation in flow by spin labeling II--phenomenological models for erythrocyte orientation rate. Bitbol M, et al. **Biorheology** 1985; 22(1):31-42

Electrostatic fixed charge distribution in the RBC-glycocalyx and their influence upon the total free interaction energy. Lerche D. **Biorheology** 1984; 21(4):477-92

Memory functions as a tool for the description of tissue deformability. Mahrenholtz OH, et al. **Biorheology** 1984; 21(5):663-74

Hemorheological approach to oxygen transport between blood and tissue. Niimi H, et al. **Biorheology** 1984; 21(4):445-61

Respiratory mechanical impedances. Methodology and interpretation. Peslin R, et al. **Biorheology** 1984;Suppl 1:183-91

Towards a unified model of elasto-thixotropy of biofluids. Quemada D. **Biorheology** 1984;21(4):423-36

Aggregation and disaggregation of red blood cells. Skalak R. **Biorheology** 1984;21(4):463-76

Motion and deformation of a red blood cell in a shear flow: a two-dimensional simulation of the wall effect. Sugihara M. **Biorheology** 1985;22(1):1-19

Numerical approach to the motion of a red blood cell in Couette flow. Sugihara M, et al. **Biorheology** 1984; 21(6):735-49

A macroscopic description of stress relaxation in a muscle subject to stepwise deformation. Timanin EM. **Biorheology** 1984;21(6):799-808

A metabolic osmotic model of human erythrocytes. Brumen M, et al. **Biosystems** 1984;17(2):155-69

Evolve II: a computer model of an evolving ecosystem. Conrad M, et al. **Biosystems** 1985;17(3):245-58

Autocatalysis in cultural ecology: model ecosystems and the dynamics of biocultural evolution. Geiger G. **Biosystems** 1985;17(3):259-72

Low dissipation computing in biological systems. Hastings HM, et al. **Biosystems** 1985;17(3):241-4

Stability of large systems. Hastings HM. **Biosystems** 1984; 17(2):171-7

A theoretical approach to cluster formation in biological membranes. Heinrich R, et al. **Biosystems** 1984;17(2):135-54

Lithium stimulation of granulopoiesis in diffusion chambers--a model of a humoral, indirect stimulation of stem cell proliferation. Doukas MA, et al. **Blood** 1985 Jan; 65(1):163-8

Bladder cancer mortality of workers exposed to aromatic amines: analysis of models of carcinogenesis. Decarli A, et al. **Br J Cancer** 1985 May;51(5):707-12

Mixed skin cell-lymphocyte culture reaction (MSLR) as a model for the study of lympho-epidermal interactions. Czernielewski JM. **Br J Dermatol** 1985 Jul;113 Suppl 28:17-23

Wound healing of human skin transplanted on to the nude mouse. Demarchez M, et al. **Br J Dermatol** 1985 Jul;113

Suppl 28:177-82

Model for detection of membrane-associated antigens on epithelial cells (HLA-A, -B, -C alloantigens and pemphigus antigens). Vermeer BJ, et al. **Br J Dermatol** 1985 Jul;113 Suppl 28:118-23

Risk factors for radiogenic cancer: a comparison of factors derived from the Hanford survey with those recommended by the ICRP. Baverstock KF, et al. **Br J Ind Med** 1985 May;42(5):341-5

Simulation of the metabolism of absorbed energy-yielding nutrients in young sheep. Gill M, et al. **Br J Nutr** 1984 Nov;52(3):621-49

Application of the operational model of agonism to establish conditions when functional antagonism may be used to estimate agonist dissociation constants. Leff P, et al. **Br J Pharmacol** 1985 Jul;85(3):655-63

A pig model for investigation of muscle and myocutaneous flaps. Millican PG, et al. **Br J Plast Surg** 1985 Jul; 38(3):364-8

Relationship of clonogenic cells and 'tumour-rescuing cells', modelled in irradiated spheroids in vitro. Moore JV, et al. **Br J Radiol** 1984 Oct;57(682):935-7

A model of egg production. Charles DR. **Br Poult Sci** 1984 Jul;25(3):309-21

Mode analysis of a tubular structure of coupled non-linear oscillators for digestive-tract modelling. Alian SE, et al. **Bull Math Biol** 1985;47(1):71-110

The characteristics method applied to the study of muscle dynamics. Avanzolini G, et al. **Bull Math Biol** 1984; 46(5-6):827-44

Study of age dependent half-life of iodine in man: a reinforcement-depletion urn model. Bowman KO, et al. **Bull Math Biol** 1985;47(2):205-13

Polynucleotide evolution and branching processes. Demetrius L, et al. **Bull Math Biol** 1985;47(2):239-62

Fractals and the analysis of growth paths. Katz MJ, et al. **Bull Math Biol** 1985;47(2):273-86

Stieltjes integration and differential geometry: a model for enzyme recognition, discrimination, and catalysis. Louie AH, et al. **Bull Math Biol** 1984;46(5-6):745-64

A model experiment in the study of cocaine base smoking. Isolation of methyl 4-(3-pyridyl) butyrate from cocaine pyrolysate. Novak M, et al. **Bull Narc** 1984 Apr-Jun; 36(2):79-82

In vitro model of aluminum-induced osteomalacia: inhibition of hydroxyapatite formation and growth. Blumenthal NC, et al. **Calcif Tissue Int** 1984 Jul;36(4):439-41

Physical force considerations in model and biological membranes. Rand RP, et al. **Can J Biochem Cell Biol** 1984 Aug;62(8):752-9

Wolfe mammographic parenchymal patterns. A study of the masking hypothesis of Egan and Mosteller. Whitehead J, et al. **Cancer** 1985 Sep 15;56(6):1280-6

Mathematical model of remission duration in acute myelogenous leukemia. Birkhead BG. **Cancer Treat Rep** 1985 Jun;69(6):595-601

Multi-event model of carcinogenesis: a mathematical model for cancer causation and prevention. Chu KC. **Carcinog Compr Surv** 1985;8:411-21

The phenotypic nature of malignancy--an hypothesis. Buckley I. **Cell Biol Int Rep** 1985 Jan;9(1):23-30

Evidence against surf-riding as a general mechanism for surface motility. Bowser SS, et al. **Cell Motil** 1984; 4(5):305-14

ATP- and calcium-controlled contraction in a saponin model of Physarum polycephalum. Yoshimoto Y, et al. **Cell Struct Funct** 1984 Jun;9(2):135-41

Clonal attenuation in chick embryo fibroblasts. Experimental data, a model and computer simulations. Angello JC, et al. **Cell Tissue Kinet** 1985 Jan;18(1):27-43

Aspects of statistics in studies of cell proliferation. II. Standard errors of estimated parameters. Appleton DR. **Cell Tissue Kinet** 1984 Nov;17(6):657-9

Aspects of statistics in studies of cell proliferation. IV. Simulation. Appleton DR. **Cell Tissue Kinet** 1985 Mar; 18(2):133-5

Aspects of statistics in studies of cell proliferation. III. Alternative models give different results. Appleton DR. **Cell Tissue Kinet** 1985 Jan;18(1):111-3

Kinetic analysis of drug-induced G2 block in vitro. Kimmel M, et al. **Cell Tissue Kinet** 1985 Jan;18(1):91-110

On the equivalence of mathematical models for cell proliferation kinetics. Sundareshan MK, et al. **Cell Tissue Kinet** 1984 Nov;17(6):609-18

Hydration kinetics of exocytosed mucins in cultured secretory cells of the rabbit trachea: a new model. Verdugo P. **Ciba Found Symp** 1984;109:212-25

An analysis of myocardial infarction. The effect of regional changes in contractility. Bogen DK, et al. **Circ Res** 1984 Dec;55(6):805-15

Effects of pericardial effusates of various conductivities on body-surface potentials in dogs. Documentation of the eccentric spheres model. Kramer DA, et al. **Circ Res** 1984 Dec;55(6):788-93

Theoretical growth evaluation (TGE). A computerized screening system for growth disorders. Zachmann M, et al. **Clin Pediatr (Phila)** 1984 Nov;23(11):609-16

Determination of the rate of urea synthesis from serial measurements of plasma urea concentration after an alanine load: theoretical and methodological aspects. Geiseler D, et al. **Clin Sci** 1985 Feb;68(2):201-8

Intracellular degradation of newly synthesized collagen. Bienkowski RS. **Coll Relat Res** 1984 Oct;4(5):399-411

Mathematical modelling of the growth processes in the developing chick wing bud. Barrett AN, et al. **Comput Biol Med** 1984;14(4):411-8

Stochastic simulation of Taylor's dispersion in the airways. Bres M, et al. **Comput Biomed Res** 1985 Apr;18(2):166-75

A nonlinear least-squares method for determining cerebrospinal fluid formation and absorption kinetics in pseudotumor cerebri. Guess HA, et al. **Comput Biomed Res** 1985 Apr;18(2):184-92

Selection of optimal dose. Khan MK, et al. **Comput Biomed Res** 1985 Apr;18(2):193-203

A model of the mechanics of binocular alignment. Miller JM, et al. **Comput Biomed Res** 1984 Oct;17(5):436-70

A mathematical insulin-secretion model and its validation in isolated rat pancreatic islets perifusion. Nomura M, et al. **Comput Biomed Res** 1984 Dec;17(6):570-9

Multicompartment model of lung dynamics. Peterman BF, et al. **Comput Biomed Res** 1984 Dec;17(6):580-9

A model of growth with first-order birth and death rates. Piantadosi S. **Comput Biomed Res** 1985 Jun;18(3):220-32

CO2 elimination as predicted by augmented dispersion and convection in an asymmetrical dog airway model. Watson JW, et al. **Comput Biomed Res** 1985 Jun;18(3):233-43

A computer program for the simulation of colony-like proliferation of fibroblasts and their cell cycle behavior. Bullerdiek J, et al. **Comput Methods Programs Biomed** 1985 May;20(1):95-100

A mathematical model and computer program for adriamycin distribution and elimination. Luecke RH, et al. **Comput Methods Programs Biomed** 1985 May;20(1):23-31

Analysis of multiple indicator dilution curves for estimation of renal tubular transport parameters. Sawada Y, et al. **Comput Methods Programs Biomed** 1985 May;20(1):51-61

Two-pool model analysis of data in hemodialysis by means of programmable pocket calculator TI 59. Guthke R, et al. **Comput Programs Biomed** 1985;19(2-3):189-95

A calculator program for clinical application of the Bayesian method of predicting plasma drug levels. Ruffo S, et al. **Comput Programs Biomed** 1985;19(2-3):167-77

Mathematical modelling of stimulus-secretion coupling in the pancreatic B-cell. II. Calcium-stimulated calcium release. Scholler Y, et al. **Comput Programs Biomed** 1985; 19(2-3):119-26

Transport of charged macromolecules across a biological charged membrane. Van Damme M, et al. **Comput Programs Biomed** 1985;19(2-3):107-17

Mathematical modeling and simulation of the postural control loop--Part II. Agarwal GC, et al. **Crit Rev Biomed Eng** 1984;11(2):113-54 (374 ref.)

Mathematical modeling and simulation of the postural control loop. Part III. Agarwal GC, et al. **Crit Rev Biomed Eng** 1984;12(1):49-93 (328 ref.)

Comparative physiological and biochemical aspects of hypothermia as a model for hibernation. Musacchia XJ. **Cryobiology** 1984 Dec;21(6):583-92

An in vitro model of leukocyte mediated injury to the corneal epithelium. Elgebaly SA, et al. **Curr Eye Res** 1985 Jan; 4(1):31-41

The mechanism of fluid and electrolyte transport across corneal endothelium: critical revision and update of a model. Fischbarg J, et al. **Curr Eye Res** 1985 Apr; 4(4):351-60

Ion transport mechanisms in cultured bovine corneal endothelial cells. Jentsch TJ, et al. **Curr Eye Res** 1985 Apr; 4(4):361-9

Gentamicin diffusion across hydrogel bandage lenses and its kinetic distribution on the eye. McCarey BE, et al. **Curr Eye Res** 1984 Aug;3(8):977-89

Histoincompatibility in vertebrates: the relict hypothesis. Buss LW, et al. **Dev Comp Immunol** 1985 Spring; 9(2):191-201 (54 ref.)

Placental transfer model in the pregnant ewe: use of stable isotopes. Brazier JL, et al. **Dev Pharmacol Ther** 1984;7 Suppl 1:52-9

Techniques for observing fetal behavior in utero: a comparison of chemomyelotomy and spinal transection. Smotherman WP, et al. **Dev Psychobiol** 1984 Nov; 17(6):661-74

Mathematical model to obtain cholesterol, P/S ratio, and fiber daily intake [letter] Tater D, et al. **Diabetes Care** 1985 Mar-Apr;8(2):194-5

Are limb development and limb regeneration both initiated by an integumentary wounding? A hypothesis. Borgens RB. **Differentiation** 1984;28(2):87-93

Evoked potential latencies as a function of contrast: a system analytical approach. Pijn JP, et al. **Doc Ophthalmol** 1985 Feb;59(2):175-85

A rapid, universal TI-59 model-independent pharmacokinetic analysis program based on statistical moment theory. Reitberg DP, et al. **Drug Intell Clin Pharm** 1985 Feb;19(2):125-34

Relationships among the venous equilibration ('well-stirred') model, the sinusoidal perfusion ('parallel-tube') model, and a specific two-compartment open model. Wagner JG. **Drug Metab Dispos** 1985 Mar-Apr;13(2):119-20

Scalp distributions of event-related potentials: an ambiguity associated with analysis of variance models. McCarthy G, et al. **Electroencephalogr Clin Neurophysiol** 1985 May; 62(3):203-8

Mathematical modelling of the changes in the parameters of the action potential of frog muscle fibre at different temperatures. Stephanova D, et al. **Electromyogr Clin Neurophysiol** 1985 May-Jun; 25(4):223-32

The estrogen receptor in MCF-7 cells: evidence from dense amino acid labeling for rapid turnover and a dimeric model of activated nuclear receptor. Scholl S, et al. **Endocrinology** 1984 Oct;115(4):1295-301

Multicompartment kinetic models for lead. II. Linear kinetics and variable absorption in humans without excessive lead exposures. Marcus AH. **Environ Res** 1985 Apr;36(2):459-72

Multicompartment kinetic models for lead. I. Bone diffusion models for long-term retention. Marcus AH. **Environ Res** 1985 Apr;36(2):441-58

Multicompartment kinetic model for lead. III. Lead in blood plasma and erythrocytes. Marcus AH. **Environ Res** 1985 Apr;36(2):473-89

Possible application of the optical tunnel effect to membrane biophysics. Bonazzola GC, et al. **Eur Biophys J** 1985; 12(1):51-5

The pregnant rabbit, guinea pig, sheep and rhesus monkey as models in reproductive physiology. Mårtensson L. **Eur J Obstet Gynecol Reprod Biol** 1984 Oct;18(3):169-82 (91 ref.)

Between bodily changes and performance: some possible reasons for slowing with age. Welford AT. **Exp Aging Res** 1984 Summer;10(2):73-88 (108 ref.)

Differentiated epidermal outgrowths in the planarian Dugesia gonocephala: a model for studying cell renewal and patterning in single-layered epithelial tissue. Chandebois R. **Exp Cell Biol** 1985;53(1):46-58

Stochastic model of human granulocyte-macrophage progenitor cell proliferation and differentiation. I. Setting up the model. Francis GE, et al. **Exp Hematol** 1985 Feb; 13(2):92-8

On the stability of cognitive processes. Cervén E. **Experientia** 1985 Jun 15;41(6):713-9

Study of a family of differential equations arising in biology. Capelo A, et al. **Farmaco [Prat]** 1985 Feb;40(2):37-49

A metabolic switch produced by enzymically interconvertible forms of an enzyme. Crabtree B. **FEBS Lett** 1985 Aug 5;187(2):193-5

Tumour-host metabolic interaction and cachexia. Lazo PA. **FEBS Lett** 1985 Aug 5;187(2):189-92

Extensions of the signal hypothesis--sequential insertion model versus amphipathic tunnel hypothesis. Rapoport TA. **FEBS Lett** 1985 Jul 22;187(1):1-10 (47 ref.)

Comment on 'On the logic of the application of double-inhibitor titrations for the elucidation of the mechanism of energy coupling' by P.S. O'Shea and M. Thelen (FEBS Letters 176 (1984) 79-82). van der Bend RL, et al. **FEBS Lett** 1985 Jul 1;186(1):8-10

Ketone body metabolism during development. Williamson DH. **Fed Proc** 1985 Apr;44(7):2342-6 (30 ref.)

Network interactions and the regulation of the immune response. Nesterenko VG. **Folia Biol (Praha)** 1984; 30(4):231-50 (83 ref.)

Orofacial system as a biocybernetical model. Schumacher GH, et al. **Folia Morphol** 1984;43(2):65-72

Oral transmission of human T-cell leukemia virus type-I into a common marmoset (Callithrix jacchus) as an experimental model for milk-borne transmission. Yamanouchi K, et al. **Gann** 1985 Jun;76(6):481-7

Application of graph theory for analysis of cell complexes observed in electron microscopy. Kaczmarek E, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):745-53

Single-file diffusion of uncharged particles. Aityan SK. **Gen Physiol Biophys** 1985 Feb;4(1):3-14

Kinetics of passive transport in water/membrane/water system. A mathematical description. Baláž S, et al. **Gen Physiol Biophys** 1985 Feb;4(1):105-8

On the theory of membrane fusion. The adhesion-condensation mechanism. Kozlov MM, et al. **Gen Physiol Biophys** 1984 Oct;3(5):379-402

On the theory of membrane fusion. The stalk mechanism. Markin VS, et al. **Gen Physiol Biophys** 1984 Oct;3(5):361-77

The study of volt-ampere characteristics of ionic channels formed by gramicidin A. Passechnik VI, et al. **Gen Physiol Biophys** 1985 Feb;4(1):35-54

Surface and cross-sectional comparisons of bone growth remodeling. Saunders SR. **Growth** 1985 Spring;49(1):105-30

A model for staged compression of the vascular pedicle in a porcine myocutaneous flap. Cummings CW, et al. **Head Neck Surg** 1985 Jan-Feb;7(3):212-6

Sequestered tracer outflow recovery in multiple indicator dilution experiments. Goresky CA, et al. **Hepatology** 1985 Sep-Oct;5(5):805-14

Prediction of weights in humans after overfeeding using the Payne-Dugdale model. Hansen ES, et al. **Hum Nutr Clin Nutr** 1984 Nov;38(6):413-8

The linear homeomorphic saccadic eye movement model--a modification. Enderle JD, et al. **IEEE Trans Biomed Eng** 1984 Nov;31(11):717-20

Converting mathematical models of physiological systems to relational database schemes for analysis and comparison. Yamamoto WS. **IEEE Trans Biomed Eng** 1985 Apr; 32(4):273-6

In vitro synthesis of IgE by human lymphocytes. I. The spontaneous secretion of IgE by B lymphocytes from allergic individuals: a model to investigate the regulation of human IgE synthesis. Sarfati M, et al. **Immunology** 1984 Oct;53(2):187-96

Drosophila cells and ecdysterone: a model system for gene regulation. Berger EM, et al. **In Vitro** 1984 Dec; 20(12):959-74 (81 ref.)

Serum sodium concentration and body fluid distribution during interdialysis: importance of sodium to fluid intake ratio in hemodialysis patients. Kimura G, et al. **Int J Artif Organs** 1984 Nov;7(6):331-6

Development of a program package for modelling biochemical systems. Anfreville R, et al. **Int J Biomed Comput** 1985 May;16(3-4):245-56

Analytical simulation of longitudinal gas mixing in the human central airways. Ben Jebria A, et al. **Int J Biomed Comput** 1984 Nov-Dec;15(6):405-17

Empirical and mathematical models on the relationship between patient age and nosocomial infection. Goonatilake PC. **Int J Biomed Comput** 1985 May;16(3-4):231-43

An iterative algebraic simulation of renal glomerular dynamics. Isaacson LC. **Int J Biomed Comput** 1984 Sep-Oct;15(5):371-80

A simple computer model for albumin and water distribution and flux in man. Mangnall D, et al. **Int J Biomed Comput** 1985 May;16(3-4):277-91

A simple computer model for insulin-receptor interactions and insulin dependent glucose uptake by adipocytes. Mangnall D, et al. **Int J Biomed Comput** 1984 Sep-Oct; 15(5):327-39

Orthogonal polynomials used as soft tissue energy density functions. von Maltzahn WW. **Int J Biomed Comput** 1984 Sep-Oct;15(5):381-9

The interaction of melanoma cells with fibroblasts and endothelial cells in three-dimensional macromolecular matrices: a model for tumour cell invasion. Schor SL, et al. **Int J Cancer** 1985 Jul 15;36(1):93-102

Calculating risk ratios for spontaneous abortions: the problem of induced abortions. Olsen J. **Int J Epidemiol** 1984 Sep; 13(3):347-50

An in vivo model for the experimental selection and pharmacological study of drugs able to modulate polyclonal activation of B lymphocytes. Dueymes MR, et al. **Int J Immunopharmacol** 1984;6(6):637-42

Mathematical modeling of cochlear mechanics. Neely ST. **J Acoust Soc Am** 1985 Jul;78(1 Pt 2):345-52

Discriminant analysis for predicting dystocia in beef cattle. II. Derivation and validation of a prebreeding prediction model. Morrison DG, et al. **J Anim Sci** 1985 Mar; 60(3):617-21

The role of the rat in research on control of ingestion: a commentary and review of recent advances in understanding brain control of food intake. Ritter RC. **J Anim Sci** 1984 Nov;59(5):1373-80 (50 ref.)

Methodology and evaluation of in-vitro models of antimicrobial chemotherapy. Proceedings of a joint meeting, 27-29 March 1984, organized by the Paul-Ehrlich-Gesellschaft für Chemotherapie and British Society for Antimicrobial Chemotherapy. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:1-326

Relevance of urinary bladder models to clinical problems and to antibiotic evaluation. Anderson JD. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:111-5

In-vitro model for simultaneous simulation of the serum kinetics of two drugs with different half-lives. Blaser J. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:125-30

Two compartment kinetic model with multiple artificial capillary units. Blaser J, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:131-7

Historical review of in-vitro models. Grasso S. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:99-102

An in-vitro model simulating the hydrokinetic aspects of the treatment of bacterial cystitis. Greenwood D. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:103-9

Computer-controlled in-vitro simulation of multiple dosing regimens. Ledergerber B, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:169-73

Pharmacokinetic considerations for the setting of in-vitro models. Lintz W. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:85-97

Advantages and disadvantages of an in-vitro model with two compartments connected by a dialyser: results of experiments with ciprofloxacin. Reeves DS. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:159-67

Application of in-vitro models: development of resistance. Seeberg AH, et al. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:241-9

Simultaneous simulation of two different concentration time curves in vitro. Shah PM. **J Antimicrob Chemother** 1985 Jan;15 Suppl A:261-4

Pressure excursions during oscillatory flow in a branching network of tubes. Akhavan R, et al. **J Appl Physiol** 1984 Sep;57(3):665-73

Effect of breathing pattern on gas mixing in a model with asymmetrical alveolar ducts. Bowes CL, et al. **J Appl Physiol** 1985 Jan;58(1):18-26

Airway pressures in an asymmetrically branched airway model of the dog respiratory system. Jackson AC, et al. **J Appl Physiol** 1984 Oct;57(4):1223-30

Configuration of maximum expiratory flow-volume curve: model experiments with physiological implications. Pedersen OF, et al. **J Appl Physiol** 1985 Apr;58(4):1305-13

Simulation of gas transport due to cardiogenic oscillations. Slutsky AS, et al. **J Appl Physiol** 1985 Apr;58(4):1331-9

Model for the electrolytic environment and electrostatic properties of biomembranes. Amory DE, et al. **J Bioenerg Biomembr** 1985 Jun;17(3):151-74

Ultrasensitivity in biochemical systems controlled by covalent modification. Interplay between zero-order and multistep effects. Goldbeter A, et al. **J Biol Chem** 1984 Dec 10;259(23):14441-7

The effect of ligand heterogeneity on the Scatchard plot. Particular relevance to lipoprotein binding analysis. Mendel CM, et al. **J Biol Chem** 1985 Mar 25;260(6):3451-5

Energy consumption in a cyclic phosphorylation/dephosphorylation cascade. Shacter E, et al. **J Biol Chem** 1984 Oct 10;259(19):12260-4

Regulation through phosphorylation/dephosphorylation cascade systems. Shacter E, et al. **J Biol Chem** 1984 Oct 10;259(19):12252-9

A possible nonimmunologic biological response to neoplasia: the tumor fibrovascular stroma. Machado EA. **J Biol Response Mod** 1985 Feb;4(1):3-7

Pulsatile flow past aortic valve bioprostheses in a model human aorta. Chandran KB, et al. **J Biomech** 1984; 17(8):609-19

Incremental elastic modulus for ventricles in diastole. Demiray H. **J Biomech** 1984;17(8):621-6

Principles of measurement of vertebral rotation from frontal projections of the pedicles. Drerup B. **J Biomech** 1984; 17(12):923-35

Numerical simulation of aortic bifurcation flows: the effect of flow divider curvature. Friedman MH, et al. **J Biomech** 1984;17(12):881-8

Reversing flow in the aorta: a theoretical model. Jayaraman G, et al. **J Biomech** 1984;17(7):479-90

Mechanical response of reconstituted, freeze-dried collagen under compressive loads. Khosla AS, et al. **J Biomech** 1984; 17(7):491-9

Measuring the inertial properties of cadaver segments. Lephart SA. **J Biomech** 1984;17(7):537-43

A non-linearly elastic, finite deformation analysis applicable to the static mechanics of excised lungs. Ligas JR. **J Biomech** 1984;17(8):549-52

A modified mathematical model of the cilia for pharyngeal epithelium of the frog [letter] Low PM. **J Biomech** 1984; 17(10):815

A mathematical study of semilunar valve vibration. Mazumdar J, et al. **J Biomech** 1984;17(8):639-41

An anatomical model for streaming potentials in osteons. Pollack SR, et al. **J Biomech** 1984;17(8):627-36

The influence of velocity of length change on tension development in skeletal muscle: model calculations and experimental results. van Kaam FA, et al. **J Biomech** 1984; 17(7):501-11

Control exerted by ligaments. Wongchaisuwat C, et al. **J Biomech** 1984;17(7):525-32

Dependence of jumping performance on muscle properties when humans use only calf muscles for propulsion. Zajac FE, et al. **J Biomech** 1984;17(7):513-23

A crack model of a bone cement interface. Clech JP, et al. **J Biomech Eng** 1984 Aug;106(3):235-43

Steady-state analysis of self-heated thermistors using finite elements. Hayes LJ, et al. **J Biomech Eng** 1985 Feb; 107(1):77-80

Pressure change and gas mixing induced by oscillations in a closed system. Isabey D, et al. **J Biomech Eng** 1985 Feb; 107(1):68-76

Theory and experiment for the effect of vascular microstructure on surface tissue heat transfer--Part II: Model formulation and solution. Jiji LM, et al. **J Biomech Eng** 1984 Nov;106(4):331-41

A strain energy function for lung parenchyma. Stamenovic D, et al. **J Biomech Eng** 1985 Feb;107(1):81-6

Theory and experiment for the effect of vascular microstructure on surface tissue heat transfer--Part I: Anatomical foundation and model conceptualization. Weinbaum S, et al. **J Biomech Eng** 1984 Nov;106(4):321-30

A kinematic model of the human ankle. Dul J, et al. **J Biomed Eng** 1985 Apr;7(2):137-43

An hypothesis for the role of the spine in human locomotion: a challenge to current thinking. Gracovetsky S. **J Biomed Eng** 1985 Jul;7(3):205-16

Stochastic branching model for hemopoietic progenitor cell differentiation. Kurnit DM, et al. **J Cell Physiol** 1985 Apr; 123(1):55-63

Berkson's bias revisited. Peritz E. **J Chronic Dis** 1984; 37(12):909-16

Development of a nude mouse model to study human sebaceous gland physiology and pathophysiology. Petersen MJ, et al. **J Clin Invest** 1984 Oct;74(4):1358-65

A model for producing caries-like lesions in enamel and dentin using oral bacteria in vitro. Clarkson BH, et al. **J Dent Res** 1984 Oct;63(10):1186-9

Salivary clearance of sugar and its effects on pH changes by Streptococcus mitior in an artificial mouth. Lagerlöf F, et al. **J Dent Res** 1984 Nov;63(11):1266-70

The effects of different concentrations of sucrose, fructose, and glucose on pH changes by Streptococcus mitior in an artificial mouth. Lagerlöf F, et al. **J Dent Res** 1985 Mar; 64(3):405-10

Analysis of covariance in caries clinical trials using groupings of teeth. Worthington HV, et al. **J Dent Res** 1985 Feb; 64(2):102-5

Programmes for development. Genes, chromosomes and computer models in development biology. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:1-369

Models for positional signalling, the threefold subdivision of segments and the pigmentation pattern of molluscs. Meinhardt H. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:289-311

A mathematically modelled cytogel cortex exhibits periodic Ca++-modulated contraction cycles seen in Physarum shuttle streaming. Odell GM. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:261-87

Computer modelling of cell division during development using a topological approach. Ransom R, et al. **J Embryol Exp Morphol** 1984 Nov;83 Suppl:233-59

The variable T model for gram-negative morphology. Koch AL, et al. **J Gen Microbiol** 1984 Sep;130 (Pt 9):2325-38

Frog rod outer segments with attached inner segment ellipsoids as an in vitro model for photoreceptors on the retina. Biernbaum MS, et al. **J Gen Physiol** 1985 Jan; 85(1):83-105

The influence of transverse tubular delays on the kinetics of charge movement in mammalian skeletal muscle. Simon BJ, et al. **J Gen Physiol** 1985 Jan;85(1):21-42

Biological research on homosexuality: Ansell's cow or Occam's razor? Ricketts W. **J Homosex** 1984 Summer; 9(4):65-93 (86 ref.)

Macrophage T lymphocyte interactions in the anti-tumor immune response: a mathematical model. De Boer RJ, et al. **J Immunol** 1985 Apr;134(4):2748-58

Network regulation of the immune response: alternative control points for suppressor modulation of effector lymphocytes. Irvine DH, et al. **J Immunol** 1985 Apr; 134(4):2100-16

Memory CTL-hybridoma: a model system to analyze the anamnestic response of cytolytic T lymphocytes. Moscovitch M, et al. **J Immunol** 1984 Nov;133(5):2369-74

Characterization of the suppressor cell(s) responsible for anterior chamber-associated immune deviation (ACAID) induced in BALB/c mice by P815 cells. Streilein JW, et al. **J Immunol** 1985 Mar;134(3):1381-7

Octanol/water partition coefficients as a model system for assessing antidotes for methylmercury(II) poisoning, and for studying mercurials with medicinal applications. Canty AJ, et al. **J Inorg Biochem** 1984 Sep;22(1):65-72

Model prediction of plasma volume change induced by hemodialysis. Kimura G, et al. **J Lab Clin Med** 1984 Dec; 104(6):932-8

Resonance in theories of hearing. Guelke RW, et al. **J Laryngol Otol** 1984 Dec;98(12):1177-83

Bacterial membranes and lipid packing theory. Goldfine H. **J Lipid Res** 1984 Dec 15;25(13):1501-7

Mathematical model of biliary lipid secretion: a quantitative analysis of physiological and biochemical data from man and other species. Mazer NA, et al. **J Lipid Res** 1984 Sep; 25(9):932-53

Ovulation control: the right number or nothing. Akin E, et al. **J Math Biol** 1984;20(2):113-32

A four-state cross bridge model for muscle contraction. Mathematical study and validation. Comincioli V, et al. **J Math Biol** 1984;20(3):277-304

Proportionate mixing models for age-dependent infection transmission. Dietz K, et al. **J Math Biol** 1985;22(1):117-20

Population dynamics of killing parasites which reproduce in the host. Hadeler KP, et al. **J Math Biol** 1984;21(1):45-65

Delays in recruitment at different trophic levels: effects on stability. Hastings A. **J Math Biol** 1984;21(1):35-44

Stochastic models of tumor growth and the probability of elimination by cytotoxic cells. Merrill SJ. **J Math Biol** 1984; 20(3):305-20

Nonlinear equivalent circuits for membranes. Pickard WF. **J Math Biol** 1984;21(1):11-23

Multiple stable recurrent outbreaks and predictability in seasonally forced nonlinear epidemic models. Schwartz IB. **J Math Biol** 1985;21(3):347-61

Global asymptotic stability of the size distribution in probabilistic models of the cell cycle. Tyson JJ, et al. **J Math Biol** 1985;22(1):61-8

A note on the rôle of generalized inverse Gaussian distributions of circulatory transit times in pharmacokinetics. Weiss M. **J Math Biol** 1984;20(1):95-102

Eye movements and the enhancement of edges. Woods SD, et al. **J Math Biol** 1985;21(3):273-83

Analysis, forecasting, and control of three-dimensional tumor growth and treatment. Düchting W, et al. **J Med Syst** 1984 Oct;8(5):461-75

X-ray diffraction studies of 14-filament models of deoxygenated sickle cell hemoglobin fibers. Models based on electron micrograph reconstructions. Rosen LS, et al. **J Mol Biol** 1985 Jun 25;183(4):565-74

A model chromatin assembly system. Factors affecting nucleosome spacing. Stein A, et al. **J Mol Biol** 1984 Sep 15;178(2):341-63

A three-dimensional muscle model: a quantified relation between form and function of skeletal muscles. Woittiez RD, et al. **J Morphol** 1984 Oct;182(1):95-113

A kinetic model of muscle contraction and its oscillatory characteristics. Cheung AS, et al. **J Muscle Res Cell Motil** 1984 Oct;5(5):483-502 (44 ref.)

Quantitative in vivo receptor binding. I. Theory and application to the muscarinic cholinergic receptor. Frey KA, et al. **J Neurosci** 1985 Feb;5(2):421-8

An organizing principle for a class of voluntary movements. Hogan N. **J Neurosci** 1984 Nov;4(11):2745-54

A cumulative damage model for bone fracture. Carter DR, et al. **J Orthop Res** 1985;3(1):84-90

Development of pancreatic function and control of pancreatic growth in an animal model. Morisset J, et al.

J Pediatr Gastroenterol Nutr 1984;3 Suppl 1:S36-42 (24 ref.)

Variation in hepatic extraction ratio with unbound drug fraction: discrimination between models of hepatic drug elimination. Byrne AJ, et al. **J Pharm Sci** 1985 Feb; 74(2):205-7

Segmentally continuous input functions in linear multicompartment systems. Süverkrüp R. **J Pharm Sci** 1985 Feb;74(2):136-41

A laminar flow absorption model for a carrier-mediated transport in the intestinal tract. Yuasa H, et al. **J Pharmacobiodyn** 1984 Aug;7(8):604-6

A physiologically based pharmacokinetic model for theophylline disposition in the pregnant and nonpregnant rat. Gabrielsson JL, et al. **J Pharmacokinet Biopharm** 1984 Apr;12(2):149-65

On the identification of Michaelis-Menten elimination parameters from a single dose-response curve. Godfrey KR, et al. **J Pharmacokinet Biopharm** 1984 Apr; 12(2):193-221

The deterministic identifiability of nonlinear pharmacokinetic models. Godfrey KR, et al. **J Pharmacokinet Biopharm** 1984 Apr;12(2):177-91

The design of pharmacokinetic experiments for model discrimination. Lacey L, et al. **J Pharmacokinet Biopharm** 1984 Jun;12(3):351-65

Two-compartment model for plasma pharmacokinetics in individual blood vessels. Nugent LJ, et al. **J Pharmacokinet Biopharm** 1984 Aug;12(4):451-61

Theoretical considerations in the calculation of bioavailability of drugs exhibiting Michaelis-Menten elimination kinetics. Rubin GM, et al. **J Pharmacokinet Biopharm** 1984 Aug; 12(4):437-50

Pharmacodynamic modeling of thiopental anesthesia. Stanski DR, et al. **J Pharmacokinet Biopharm** 1984 Apr; 12(2):223-40

A nonlinear physiologic pharmacokinetic model: I. Steady-state. Wagner JG, et al. **J Pharmacokinet Biopharm** 1985 Feb;13(1):73-92

Pharmacokinetic calculator program for generation of initial parameter estimates from a three-compartment infusion model. Henderson JD, et al. **J Pharmacol Methods** 1985 Aug;14(1):13-24

An in vivo model for pharmacokinetic studies in the kidney. Toutain PL, et al. **J Pharmacol Methods** 1985 Aug; 14(1):1-11

A rat model for the study of transplacental pharmacokinetics and its assessment with antipyrine and aminoisobutyric acid. Varma DR, et al. **J Pharmacol Methods** 1985 Aug; 14(1):61-74

Stimulation of association curves and 'scatchard' plots of binding reactions where ligand and receptor are degraded or internalized. Beck JS, et al. **J Recept Res** 1983-84; 3(6):745-72

Significance of Poisson distribution theory in analysing the interaction between human spermatozoa and zona-free hamster oocytes. Aitken RJ, et al. **J Reprod Fertil** 1984 Nov;72(2):311-21

An assessment of mast-cell deficient mice (W/Wv) as a model system to study the role of histamine in implantation and deciduoma formation. Wordinger RJ, et al. **J Reprod Fertil** 1985 Mar;73(2):451-6

Wound closure: an analysis of the relative contributions of contraction and epithelialization. Snowden JM. **J Surg Res** 1984 Dec;37(6):453-63

Model of calcium movements in the mammalian myocardium: interval-strength relationship. Adler D, et al. **J Theor Biol** 1985 Mar 21;113(2):379-94

Optimum strengths for bones liable to fatigue and accidental fracture. Alexander RM. **J Theor Biol** 1984 Aug 21; 109(4):621-36

Seasonality and period-doubling bifurcations in an epidemic model. Aron JL, et al. **J Theor Biol** 1984 Oct 21; 110(4):665-79

A mathematical model of tumour-induced capillary growth. Balding D, et al. **J Theor Biol** 1985 May 7;114(1):53-73

Stasis: a coevolutionary model. Barnard CJ. **J Theor Biol** 1984 Sep 7;110(1):27-34

Optimization of error-correction processes with respect to time. Comparison to free energy aspects. Blomberg C. **J Theor Biol** 1985 Jul 21;115(2):241-68

Hormone receptor-coupling factor-adenylate cyclase interaction: theoretical considerations. Blum JJ. **J Theor Biol** 1984 Dec 7;111(3):589-608

Energy transformation and entropy production in living systems I. Applications to embryonic growth. Briedis D, et al. **J Theor Biol** 1984 Sep 21;110(2):173-93

The relationship between zeros and factors of binding polynomials and cooperativity in protein-ligand binding. Briggs WE. **J Theor Biol** 1985 Jun 21;114(4):605-14

A novel mechanism for voltage control of channel conductance. Colombini M. **J Theor Biol** 1984 Oct 21; 110(4):559-67

Gap junctions increase the sensitivity of tissue cells to exogenous electric fields. Cooper MS. **J Theor Biol** 1984 Nov 7;111(1):123-30

Tumor escape from immune elimination: simplified precursor bound cytotoxicity models. De Boer RJ, et al. **J Theor Biol** 1985 Apr 21;113(4):719-36

Computer simulation of the P31 NMR equations governing the creatine kinase reaction. DeFuria RR, et al. **J Theor Biol** 1985 May 7;114(1):75-91

Stability of membrane systems modeled as multilayered viscoelastic films. Dimitrov DS, et al. **J Theor Biol** 1985 Mar 21;113(2):353-77

Hypothetical entropy-driven mechanism for self-regulation of the size and division of primitive cells, suggesting the origin and nature of mesosomes. Douglas J. **J Theor Biol** 1984 Aug 21;109(4):475-8

A model of immunological distances in systematics. Faith DP. **J Theor Biol** 1985 Jun 21;114(4):511-26

Cluster formation in a symmetrical network: a dynamical system for the description of the suppression among non-immune T lymphocytes and its application to the effects of immunization. Fey K, et al. **J Theor Biol** 1985 Jun 21;114(4):615-40

On the mathematics of digesta flow kinetics. France J, et al. **J Theor Biol** 1985 Apr 21;113(4):743-58

A comment on 'some aspects of the role of quantum mechanics in the theory of muscle contraction' [letter] Gray BF, et al. **J Theor Biol** 1984 Sep 7;110(1):131-3

A theoretical model for calcium absorption from the intestinal lumen. Heideger WJ, et al. **J Theor Biol** 1985 Jun 21; 114(4):657-64

On mechanical aspects of vesicular transport. Hiram Y, et al. **J Theor Biol** 1984 Nov 7;111(1):91-113

Influence of the existence of a resting state on the decay of synchronization in cell culture. Hirsch HR. **J Theor Biol** 1984 Nov 7;111(1):61-79

A computer simulation of cell stacking for even thickness in mammalian epidermis. Honda H, et al. **J Theor Biol** 1984 Dec 21;111(4):625-33

Morphogen prepatterns during mitosis and cytokinesis in flattened cells: three dimensional Turing structures of reaction-diffusion systems in cylindrical coordinates. Hunding A. **J Theor Biol** 1985 Jun 21;114(4):571-88

Patterns of LPS synthesis in gram negative bacteria. Hunt F. **J Theor Biol** 1985 Jul 21;115(2):213-9

Simple models do not eliminate complexity from the real world. Kampis G, et al. **J Theor Biol** 1985 Aug 7; 115(3):467-9

Templeting and self-assembly. Katz MJ, et al. **J Theor Biol** 1985 Mar 7;113(1):1-13

Towards a logical analysis of the immune response. Kaufman M, et al. **J Theor Biol** 1985 Jun 21;114(4):527-61

A model for the establishment of pattern by positional differentiation with memory. Khait A, et al. **J Theor Biol** 1984 Sep 21;110(2):135-53

Analysis of a cell cycle model based on unequal division of metabolic constituents to daughter cells during cytokinesis. Kimmel M, et al. **J Theor Biol** 1984 Oct 21; 110(4):637-64

A growth rate distribution model for the age dependence of human cancer incidence: a proposed role for promotion in cancer of the lung and breast. Klawansky S, et al. **J Theor Biol** 1984 Dec 7;111(3):531-87

Logical elements in living cells. Křemen A. **J Theor Biol** 1984 Nov 7;111(1):47-60

A continuum model for surface contraction waves. Landman KA. **J Theor Biol** 1985 Jul 7;115(1):9-25

The physico-chemical mechanism of mediated transport. II. Osmotic and isosmotic volume flow. Massaldi HA. **J Theor Biol** 1984 Sep 7;110(1):35-57

A model of bacterial DNA segregation based upon helical geometry. Mendelson NH. **J Theor Biol** 1985 Jan 7; 112(1):25-39

A hypothesis on the role of pressure in the origin of life. Nickerson KW. **J Theor Biol** 1984 Oct 5;110(3):487-99

The directionality of the frog ear described by a mechanical model. Palmer AR, et al. **J Theor Biol** 1984 Sep 21; 110(2):205-15

Mathematical modelling of dynamics and control in metabolic networks. III. Linear reaction sequences. Palsson BO, et al. **J Theor Biol** 1985 Mar 21;113(2):231-59

Mathematical modelling of dynamics and control in metabolic networks. IV. Local stability analysis of single biochemical control loops. Palsson BO, et al. **J Theor Biol** 1985 Mar 21;113(2):261-77

Mathematical modelling of dynamics and control in metabolic networks. V. Static bifurcations in single biochemical control loops. Palsson BO, et al. **J Theor Biol** 1985 Mar 21;113(2):279-98

Mathematical modelling of dynamics and control in metabolic networks. I. On Michaelis-Menten kinetics. Palsson BO, et al. **J Theor Biol** 1984 Nov 21;111(2):273-302

Mathematical modelling of dynamics and control in metabolic networks. II. Simple dimeric enzymes. Palsson BO, et al. **J Theor Biol** 1984 Nov 21;111(2):303-21

A hierarchical polar coordinate model for epimorphic regeneration. Papageorgiou S. **J Theor Biol** 1984 Aug 21; 109(4):533-54

The organizer region and pattern regulation in amphibian embryos. Pate E. **J Theor Biol** 1984 Nov 21;111(2):387-96

Equilibrium of apoproteins between high density lipoprotein and the aqueous phase: modelling of in vivo metabolism. Ponsin G, et al. **J Theor Biol** 1985 Jan 7;112(1):183-92

A model of DSB-repair kinetics. Přidal I, et al. **J Theor Biol** 1984 Nov 7;111(1):81-90

Enzyme reactions at the surface of living cells. II. Destabilization in the membranes and conduction of signals. Ricard J, et al. **J Theor Biol** 1984 Aug 21;109(4):571-80

Enzyme reactions at the surface of living cells. I. Electric repulsion of charged ligands and recognition of signals from the external milieu. Ricard J, et al. **J Theor Biol** 1984 Aug 21;109(4):555-69

Differential inhibition of protein synthesis: a possible biochemical mechanism of thalidomide teratogenesis. Shull GE. **J Theor Biol** 1984 Oct 5;110(3):461-86

Direct and absorption costing in the evolution of life cycles. Sibly R, et al. **J Theor Biol** 1984 Dec 7;111(3):463-73

An immune response profile model for immunogenicity quantitation. Smith SJ, et al. **J Theor Biol** 1984 Sep 7; 110(1):1-10

Evolutionarily stable strategies in food selection models with fitness sets. Stenseth NC. **J Theor Biol** 1984 Aug 21; 109(4):489-99

Informativeness in stimulus-response modelling. Stone M. **J Theor Biol** 1984 Nov 21;111(2):261-72

Physical models of biological information and adaptation. Stuart CI. **J Theor Biol** 1985 Apr 7;113(3):441-54

Bio-informational equivalence. Stuart CI. **J Theor Biol** 1985 Apr 21;113(4):611-36

The discrepancy between in vivo and in vitro experiments with polycyclic aromatic hydrocarbon(PAH) carcinogens: a hypothetical explanation. Sýkora P. **J Theor Biol** 1984 Sep 7;110(1):59-66

A physical characterization of biological information and communication system model of ecosystems. Tanaka M. **J Theor Biol** 1984 Oct 21;110(4):619-35

The distributions of cell size and generation time in a model of the cell cycle incorporating size control and random transitions. Tyson JJ, et al. **J Theor Biol** 1985 Mar 7; 113(1):29-62

Cell cycles and growth laws: the CCC model. Voit EO. **J Theor Biol** 1985 Jun 21;114(4):589-99

Biological populations obeying difference equations: the effects of stochastic perturbation. Witten M, et al. **J Theor Biol** 1984 Dec 7;111(3):493-507

Constraints on the models of carbohydrate metabolism in the two cell types of Dictyostelium discoideum. Wright BE. **J Theor Biol** 1984 Oct 5;110(3):445-60

Quantitative evaluation of clinical course in surgieal ICU patients: the data conform to catastrophe theory. Abrams JH, et al. **J Trauma** 1984 Dec;24(12):1028-37

The age distribution of human adult cancer and an initiation-manifestation model for carcinogenesis. Ohtaki M, et al. **Jpn J Clin Oncol** 1985 Apr;15 Suppl 1:325-43

The finite element method--a new approach to determination of heat flow in the eye shown in an example of cryotherapy--preliminary report. Służalec A Jr, et al. **Jpn J Ophthalmol** 1985;29(1):24-30

Numerical solution of partial differential equations for CO2 diffusion accompanying HCO3- shift in red blood cells. Kagawa T, et al. **Jpn J Physiol** 1984;34(6):1029-47

The predictive factor--a method to simplify Bayes' formula and its application to diagnostic procedures. Köbberling J, et al. **Klin Wochenschr** 1984 Jun 15;62(12):586-92

The senescence of postmitotic mammalian cells: a cell-clock hypothesis. Flodin NW. **Mech Ageing Dev** 1984 Sep; 27(1):15-27

Biological and clinical consequences of longitudinal studies in rodents: their possibilities and limitations. An overview. Hollander CF, et al. **Mech Ageing Dev** 1984 Dec; 28(2-3):249-60

Ageing and the immune response--a unifying hypothesis? Horan MA, et al. **Mech Ageing Dev** 1984 Aug; 26(2-3):165-81 (136 ref.)

A mathematical analysis of aging influences on enzyme deactivation/activation kinetics. Examples of the influence of regional brain development and drugs in rats. Sadana A, et al. **Mech Ageing Dev** 1985 May 13;30(2):201-19

A return to time, cells, systems and aging: II. Relational and reliability theoretic approaches to the study of senescence in living systems. Witten M. **Mech Ageing Dev** 1984 Oct 31;27(3):323-40

Spectrum of a series of point events, generated by the integral pulse frequency modulation model. de Boer RW, et al. **Med Biol Eng Comput** 1985 Mar;23(2):138-42

Application of a bioelectric field model of the ERG to the effect of vitreous haemorrhage. Doslak MJ, et al. **Med Biol Eng Comput** 1984 Nov;22(6):552-7

Comparative analysis of modelled extracellular potentials. Fleisher SM. **Med Biol Eng Comput** 1984 Sep;22(5):440-7

Mathematical model of the single-fibre action potential. Fleisher SM, et al. **Med Biol Eng Comput** 1984 Sep; 22(5):433-9

Pulsatile blood flow in a stenosed artery--a theoretical model. Mehrotra R, et al. **Med Biol Eng Comput** 1985 Jan; 23(1):55-62

New hypotheses on the mechanism of cancer growth and regression (computer simulation study). el Messiery MA, et al. **Med Biol Eng Comput** 1984 Sep;22(5):448-52

A model of extracellular waveshape of the gastric electrical activity. Mirizzi N, et al. **Med Biol Eng Comput** 1985 Jan; 23(1):33-7

Radial decline of the extracellular action potential. Nandedkar SD, et al. **Med Biol Eng Comput** 1984 Nov; 22(6):564-8

On the uptake, regulation and pulmonary elimination of inert vapours and gases. Palazzi E, et al. **Med Biol Eng Comput** 1984 Sep;22(5):426-32

Investigation of a model for estimating the attenuation of ultrasonic signals. Salomonsson G, et al. **Med Biol Eng Comput** 1984 Nov;22(6):543-51

Synovial fluid circulation in the hip joint. Afoke A, et al. **Med Hypotheses** 1984 Sep;15(1):81-6

A model of the basic components of living organisms. Arianova LW. **Med Hypotheses** 1985 Mar;16(3):221-32

Negative pressure and reductio ad absurdum. Baggot MG. **Med Hypotheses** 1984 Aug;14(4):407-12

A hypothesis on the role of pheromones on age of menarche. Burger J, et al. **Med Hypotheses** 1985 May;17(1):39-46 (66 ref.)

Sleep promotion, hospital practice and recovery from illness. Cumming G. **Med Hypotheses** 1984 Sep;15(1):31-7

RISH III. Haplotype-sharing in immune responses. Daunter B. **Med Hypotheses** 1985 May;17(1):79-93 (44 ref.)

Are prohormones converted to hormones during secretion? Green DP. **Med Hypotheses** 1984 Sep;15(1):47-59 (75 ref.)

The anatomical synapse in mammals by light and electron microscopy. Hillman H. **Med Hypotheses** 1985 May; 17(1):1-32 (125 ref.)

Chronic granulocytic leukaemia: a defect in cellular interactions between stromal and haemopoietic stem cells? Islam A. **Med Hypotheses** 1985 May;17(1):69-77 (64 ref.)

Acquired immune deficiency syndrome (AIDS). Hypotheses on the etiology. Kelly TA. **Med Hypotheses** 1984 Aug; 14(4):347-51

Breakdown of P.G.E. 1 synthesis is responsible for the acquired immunodeficiency syndrome. Marcus SG. **Med Hypotheses** 1984 Sep;15(1):39-46

Modulation of presynaptic gamma aminobutyric acid release by prostaglandin E2: explanation for epileptogenic activity and dysfunction in autonomic cardiac neural discharge leading to arrhythmias? Suter LE, et al. **Med Hypotheses** 1984 Sep;15(1):15-30 (35 ref.)

Caloric balance, brain to body ratio, and the timing of menarche. Winterer J, et al. **Med Hypotheses** 1984 Sep; 15(1):87-91

Models in radiotherapy: definition of decision criteria. Schultheiss TE, et al. **Med Phys** 1985 Mar-Apr;12(2):183-7

Body composition prediction in university football players. Smith JF, et al. **Med Sci Sports Exerc** 1984 Aug; 16(4):398-405

Theoretical study of haemoperfusion: drugs obeying a one-compartment pharmacokinetics model. Guenzet J, et al. **Methods Find Exp Clin Pharmacol** 1985 May;7(5):259-68

Correlations between transmural gastric potential difference and a well-known mathematical model. Kaerner HJ, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct; 6(10):619-24

Theophylline: a haemoperfusion modelisation. Laurent D, et al. **Methods Find Exp Clin Pharmacol** 1985 May; 7(5):253-8

Review on correlation between pharmacologic response and drug disposition. Ritschel WA, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):627-40 (48 ref.)

A method for the evaluation of clinical information, exemplified for bleeding symptoms in non-severe von Willebrand's disease type I. Wahlberg TB. **Methods Inf Med** 1984 Jul;23(3):143-6

Pore and fiber-matrix models for diffusive transport in normal and neoplastic tissues. Nugent LJ, et al. **Microvasc Res** 1984 Sep;28(2):270-4

Comparison between pore model predictions and sheep lung fluid and protein transport. Roselli RJ, et al. **Microvasc Res** 1985 May;29(3):320-39

Hypothesis: the MHC-restricted T-cell receptor as a structure with two multistate allosteric combining sites. Cleveland WL, et al. **Mol Immunol** 1984 Nov; 21(11):1037-46

Metabolic activation and toxicity of acetaminophen and related analogs. A theoretical study. Loew GH, et al. **Mol Pharmacol** 1985 Mar;27(3):375-86

A mechanism for rich-medium inhibition of the repair of daughter-strand gaps in the deoxyribonucleic acid of UV-irradiated Escherichia coli K12 uvrA. Sharma RC, et al. **Mutat Res** 1985 Sep;146(2):177-83

Pathogenesis of viral infections. Basic concepts derived from the reovirus model. Sharpe AH, et al. **N Engl J Med** 1985 Feb 21;312(8):486-97 (125 ref.)

Experimental application of a multistep kinetic model for natural cytotoxicity: determination of rate constants for lytic programming and killer-cell-independent lysis. Callewaert DM, et al. **Nat Immun Cell Growth Regul** 1983-84;3(4):210-21

Immunological help at last [news] Howard JC. **Nature** 1985 Apr 11-17;314(6011):494-5

Weak and strong crossbridges [news] Irving M. **Nature** 1985 Jul 25-31;316(6026):292-3

Water fleas as population model [news] Lawton JH. **Nature** 1985 Aug 15-21;316(6029):577-8

Autonomous chaotic behaviour of the slime mould Dictyostelium discoideum predicted by a model for cyclic AMP signalling. Martiel JL, et al. **Nature** 1985 Feb 14-20; 313(6003):590-2

The messenger across the gap [news] Somlyo AP. **Nature** 1985 Jul 25-31;316(6026):298-9

Etorphine pharmacokinetics in the rat: experimental data and mathematical model. Holland MJ, et al. **Neuropeptides** 1984 Dec;5(1-3):65-8

Analysis of physiological mechanism in psychopharmacology. Carlton PL. **Neuropsychobiology** 1984;12(2-3):158-72

A biopsychosocial view of human health. Shaver JF. **Nurs Outlook** 1985 Jul-Aug;33(4):186-91

A hypothetical model suggesting suboptimal intrauterine growth in infants delivered preterm. Weiner CP, et al. **Obstet Gynecol** 1985 Mar;65(3):323-6

A comparison of different models of extraocular muscle cooperation. Clement RA. **Ophthalmic Physiol Opt** 1985; 5(2):165-70

The algebra of sphero-cylinders. Saunders H. **Ophthalmic Physiol Opt** 1985;5(2):157-63

Animal model for peripheral nerve grafting. Ellis JC, et al. **Otolaryngol Head Neck Surg** 1984 Oct;92(5):546-50

Interference in general immune function by parasite infections; African trypanosomiasis as a model system. Askonas BA. **Parasitology** 1984 Aug;88 (Pt 4):633-8

Misleading concepts in the field of brain peptides. Kastin AJ, et al. **Peptides (Fayetteville)** 1984;5 Suppl 1:249-53 (51 ref.)

Rapid determination of intraepithelial resistance barriers by alternating current spectroscopy. II. Test of model circuits and quantification of results. Kottra G, et al. **Pflugers Arch** 1984 Dec;402(4):421-32

Nomograms of the Goldman equation. Ruppersberg JP, et al. **Pflugers Arch** 1985 May;404(2):178-84

Behaviour of chemically modified sodium channels in frog nerve supports a three-state model of inactivation. Schmidtmayer J. **Pflugers Arch** 1985 May;404(1):21-8

The problem of tissue equivalence in negative pion dosimetry. Lewis CA. **Phys Med Biol** 1985 Jul;30(7):703-5

A hydrodynamic model of the human leg circulation. Klabunde RE, et al. **Physiologist** 1984 Dec;27(6):431-4

Monte Carlo study of the GTP cap in a five-start helix model of a microtubule. Chen YD, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1131-5

Search, encounter rates, and the evolution of anisogamy. Cox PA, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6078-9

Spin-label oximetry: kinetic study of cell respiration using a rapid-passage T1-sensitive electron spin resonance display. Froncisz W, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):411-5

Risk-efficient estimation of the mean exponential survival time under random censoring. Gardiner JC, et al. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5906-9

Intrinsic curvature hypothesis for biomembrane lipid composition: a role for nonbilayer lipids. Gruner SM. **Proc Natl Acad Sci USA** 1985 Jun;82(11):3665-9

Theoretical problems related to the attachment of microtubules to kinetochores. Hill TL. **Proc Natl Acad Sci USA** 1985 Jul;82(13):4404-8

Phase changes at the end of a microtubule with a GTP cap. Hill TL, et al. **Proc Natl Acad Sci USA** 1984 Sep; 81(18):5772-6

Introductory analysis of the GTP-cap phase-change kinetics at the end of a microtubule. Hill TL. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6728-32

Understanding biological computation: reliable learning and recognition. Hogg T, et al. **Proc Natl Acad Sci USA** 1984 Nov;81(21):6871-5

Imaging of optically active biological structures by use of circularly polarized light. Keller D, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):401-5

A new theory about somite formation in the chick. Bellairs R. **Prog Clin Biol Res** 1985;171:25-44 (49 ref.)

An effective dose computation model for fractionated radiation dose. Akanuma A. **Radiat Med** 1983 Apr-Jun; 1(2):155-60

Clinical method to estimate time of origin and maximum volume of malignant tumors. Akanuma A. **Radiat Med** 1983 Jan-Mar;1(1):89-104

Model-driven visualization of coronary arteries. Herman GT, et al. **Radiat Med** 1983 Apr-Jun;1(2):112-6

Modeling and simulation of growing spheroids. Düchting W, et al. **Recent Results Cancer Res** 1984;95:168-79

Analysis of the electromagnetic fields caused by a bone growth stimulator using inductive coupling: a boundary element simulation program. Tuerlinckx B, et al. **Reconstr Surg Traumatol** 1985;19:3-18

Some issues in the quantitative modeling portion of cancer risk assessment. Sielken RL Jr. **Regul Toxicol Pharmacol** 1985 Jun;5(2):175-81

Gas exchange in tidally ventilated and non-steadily perfused lung model. Arieli R, et al. **Respir Physiol** 1985 Jun; 60(3):295-309

Characteristics of the ventilatory exercise stimulus. Bennett FM, et al. **Respir Physiol** 1985 Jan;59(1):55-63

Elementary complex number analysis of lung models. Imberger H. **Respiration** 1985;47(1):57-69

Epigenetic mechanisms and models. Position information. Fasol U. **Riv Biol** 1984 Autumn;77(3):381-97 **(Eng, Ita)**

Aldo Spirito on the theory of preformation, involution, etc. and cell differentiation. Spirito A. **Riv Biol** 1984 Autumn; 77(3):399-416 **(Eng, Ita)**

The living skin-equivalent as a structural and immunological model in skin grafting. Bell E, et al. **Scan Electron Microsc** 1984;(Pt 4):1957-62

Mechanisms of stone formation--an overview. Finlayson B, et al. **Scan Electron Microsc** 1984;(Pt 3):1419-25 (25 ref.)

A computer model simulating the intestinal absorption of bile acids. Stigsby B, et al. **Scand J Gastroenterol** 1984 Sep; 19(6):802-7

The urethral pressure profile during flow. An experimental study. Asklin B, et al. **Scand J Urol Nephrol** 1984; 18(4):257-67

An omnifarious data bank for biology? [news] Holden C. **Science** 1985 Jun 21;228(4706):1412-3

A primate model (Macaca mulatta) to study the pharmacokinetics of heparin and its fractions. Fareed J, et al. **Semin Thromb Hemost** 1985 Apr;11(2):138-54

Towards a psychobiological model of cancer: psychological considerations. Greer S, et al. **Soc Sci Med** 1985;20(8):773-7

The analysis of neuronal discharge sequences: change-point estimation and comparison of variances. Commenges D, et al. **Stat Med** 1985 Jan-Mar;4(1):91-104

The question of inheritance of immunological tolerance. Hašek M, et al. **Surv Immunol Res** 1985;4(1):35-40

Experimental immunoproliferative diseases. Models for immune responses and tumorigenesis. Hudnall SD. **Surv Immunol Res** 1984;3(4):259-63 (29 ref.)

Pathogenesis of scleroderma: the interrelationship of the immune and vascular hypotheses. Sternberg EM. **Surv Immunol Res** 1985;4(1):69-80 (102 ref.)

Anti-idiotypic autoimmunity--a necessity for species survival. Suciu-Foca N, et al. **Surv Immunol Res** 1984; 3(4):311-8 (48 ref.)

Compensatory neoplasia: chronic erythrocytosis and neuroblastic tumors. de la Monte SM, et al. **Theor Med** 1984 Oct;5(3):279-91 (58 ref.)

Division synchrony and the dynamics of microbial populations: a size-specific model. Gage TB, et al. **Theor Popul Biol** 1984 Dec;26(3):296-314

Confidence intervals for demographic projections based on products of random matrices. Heyde CC, et al. **Theor Popul Biol** 1985 Apr;27(2):120-53

Coevolution of competing species: ecological character displacement. Lundberg S, et al. **Theor Popul Biol** 1985 Apr;27(2):105-19

Age-dependent models of population growth. Ziebur AD. **Theor Popul Biol** 1984 Dec;26(3):315-9

A cell cycle model based on the estrogen-stimulated uterus. Lavia LA, et al. **Trans Kans Acad Sci** 1984 Oct; 87(3-4):151-5

An assessment of the impact of urine cytology screening using a computer-based model of bladder cancer. Ellwein LB, et al. **Urol Clin North Am** 1984 Nov;11(4):585-98

Theory of propagation of peristaltic waves along ureter and their simulation in electronic model. van Duyl WA. **Urology** 1984 Nov;24(5):511-20

Chemotherapy of ovine fascioliasis: use of an analytical model to assess the impact of a series of discrete doses of anthelmintic on the prevalence and intensity of infection. Smith G. **Vet Parasitol** 1984 Oct;16(1-2):95-106

The impact of repeated doses of anthelmintic on the intensity of infection and age structure of Fasciola hepatica populations in sheep. Smith G. **Vet Parasitol** 1984 Oct; 16(1-2):107-15

Analysis of anthelmintic trial protocols using sheep experimentally or naturally infected with Fasciola hepatica. Smith G. **Vet Parasitol** 1984 Oct;16(1-2):83-94

Fluoride and bone: an unusual hypothesis. Smith GE. **Xenobiotica** 1985 Mar;15(3):177-86

Hypothesis: the pathogenesis of AIDS. Activation of the T- and B-cell cascades. Evans AS. **Yale J Biol Med** 1984 May-Jun;57(3):317-27 (58 ref.)

The GABA hypothesis of the pathogenesis of hepatic encephalopathy: current status. Jones EA, et al. **Yale J Biol Med** 1984 May-Jun;57(3):301-16 (69 ref.)

Thermal diffusion as a mechanism for biological transport. Bonner FJ, et al. **Z Naturforsch [C]** 1984 Jun;39(6):656-61

[Attempt to design a factorial model of Newcastle disease in poultry in Bulgaria for the period 1970-1979] Elitsina P, et al. **Vet Med Nauki** 1984;21(6):18-27 (Eng. Abstr.) **(Bul)**

[A compound catalytic model with both simple and reversible types and its applications in disease surveillance] Zhang YX. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr; 6(2):115-8 (Eng. Abstr.) **(Chi)**

[Principles of modeling biomedical systems on computers] Malík M. **Cas Lek Cesk** 1985 Jul 5;124(27):835-40 (Eng. Abstr.) **(Cze)**

[Cybernetic model of emetine kinetics in humans] Synek P, et al. **Cas Lek Cesk** 1984 Aug 3;123(31):965-8 (Eng. Abstr.) **(Cze)**

[Is all of the Netherlands on phenprocoumon for thrombosis treatment? The computer simulation model as an aid] van Boxtel CJ, et al. **Ned Tijdschr Geneeskd** 1984 Aug 18; 128(33):1577-9 **(Dut)**

[Estimation of the hazards ratio in two grouped samples] Moreau T, et al. **Biometrics** 1985 Mar;41(1):245-52 (Eng. Abstr.) **(Fre)**

[Experimental models for the study of viral infections of the nervous system] Rentier B. **Bull Mem Acad R Med Belg** 1984;139(3):218-26 (Eng. Abstr.) **(Fre)**

[Modelling in hemodialysis. Why? How?] Petitclerc T, et al. **Nephrologie** 1985;6(1):11-8 (Eng. Abstr.) **(Fre)**

[A discrete-events computer model of fox rabies] Garnerin P, et al. **Rev Epidemiol Sante Publique** 1985;33(1):29-38 (Eng. Abstr.) **(Fre)**

[Longitudinal study of the evolution of the frequency of dental caries in a school milieu: a statistical model] Turlot JC, et al. **Rev Epidemiol Sante Publique** 1984;32(6):398-407 (Eng. Abstr.) **(Fre)**

[Viral etiologies of AIDS: facts and hypotheses] Brun-Vézinet F, et al. **Rev Fr Transfus Immunohematol** 1984 Sep;27(4):445-54 (Eng. Abstr.) **(Fre)**

[Mathematical model of the longitudinal growth of long bones] Kummer B, et al. **Anat Anz** 1985;158(5):377-93 (Eng.

Abstr.) (Ger)

[Approximations for growth in weight and length of the golden hamster (Mesocricetus auratus Waterhouse) following data of Du Bois (1950)] Sager G. **Anat Anz** 1985; 158(2):181-91 (Eng. Abstr.) **(Ger)**

[Approximations of weight increase of the male and female Rattus norvegicus using Calhoun's (1952) data] Sager G. **Anat Anz** 1984;156(5):419-26 (Eng. Abstr.) **(Ger)**

[The cause of growth processes] Fischer G. **Gegenbaurs Morphol Jahrb** 1985;131(2):211-20 (Eng. Abstr.) **(Ger)**

[Methodological aspects of the preparation of measurements in animal experiment studies of metabolism] Peil J, et al. **Gegenbaurs Morphol Jahrb** 1984;130(4):531-55 (Eng. Abstr.) **(Ger)**

[Problems in the mathematical representation of mass growth in domestic chickens] Sager G. **Gegenbaurs Morphol Jahrb** 1984;130(6):801-11 (Eng. Abstr.) **(Ger)**

[A model for long-term parenteral feeding in the rat] Brenner U, et al. **Infusionsther Klin Ernahr** 1984 Aug;11(4):202-4 (Eng. Abstr.) **(Ger)**

[Experimental model for long-term trials of parenteral nutrition in the growing rat] Neuhäuser M, et al. **Infusionsther Klin Ernahr** 1984 Jun;11(3):175-80 (Eng. Abstr.) **(Ger)**

[Propagation of errors in the calculation of moments] Ferdinand W, et al. **Methods Find Exp Clin Pharmacol** 1984 Oct;6(10):605-8 **(Ger)**

[Thermodynamics of life from the point of view of technical thermodynamics and exergy] Grassmann P. **Naturwissenschaften** 1984 Jul;71(7):335-41 (Eng. Abstr.) **(Ger)**

[Studies on the distribution and transport kinetics in membrane and distribution models] Pflegel P, et al. **Pharmazie** 1984 Jul;39(7):478-81 (Eng. Abstr.) **(Ger)**

[Neuropharmacological study of the internal anal sphincter in an animal model] Vinograd I, et al. **Harefuah** 1984 Nov 1;107(9):221-4 (Eng. Abstr.) **(Heb)**

[Use of the personal computer for the study of biological images] Giannazzo E. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2187-91 (Eng. Abstr.) **(Ita)**

[Relation between variance and the arithmetic mean in frequency distributions under conditions of stochastic dependence] Mitolo V, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1133-9 (Eng. Abstr.) **(Ita)**

[Simulation of the metastatic spread of mammary carcinoma by evaluation of the shortest routes in a computerized model of the lymphatic system represented in a three-dimensional map] Pesce Delfino V, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2155-61 (Eng. Abstr.) **(Ita)**

[Use of a biophysical model to verify various methods for limiting the time of work activity at risk in thermal stress] Terzi R, et al. **Boll Soc Ital Biol Sper** 1984 Jul 31; 60(7):1393-9 (Eng. Abstr.) **(Ita)**

[Effect of varying FIO2 on pulmonary oxygenation indices--a computer simulation applied to well-known lung models] Toyooka H, et al. **Masui** 1985 Feb;34(2):180-8 (Eng. Abstr.) **(Jpn)**

[A mathematical model for the temporal trends of age-specific mortality rates from cerebrovascular diseases in Japan] Nagata H, et al. **Nippon Eiseigaku Zasshi** 1984 Jun;39(2):581-6 (Eng. Abstr.) **(Jpn)**

[Theoretical approach to the optimum exposure time in intravenous pyelography] Ueno A. **Nippon Jinzo Gakkai Shi** 1984 Aug;26(8):1007-15 (Eng. Abstr.) **(Jpn)**

[Developmental model of the femur neck. Autonomous nature of growth processes in the femur neck and the risk of disorders after operations on the hip joint] Gryboś J. **Chir Narzadow Ruchu Ortop Pol** 1984;49(5):415-9 (Eng. Abstr.) **(Pol)**

[Concentration of urine: in search of a model] Sadowski J, et al. **Pol Tyg Lek** 1985 Jan 28;40(4):117-21 (15 ref.) **(Pol)**

[Approach to the actual epidemiological processes of transmissible diseases by mathematical modelling] Onete R, et al. **Rev Med Chir Soc Med Nat Iasi** 1984 Oct-Dec; 88(4):659-62 (Eng. Abstr.) **(Rum)**

[A model of cooperative rearrangements of biological membranes without changes in the affinity of receptor binding centers] Kaler GV. **Biofizika** 1985 May-Jun; 30(3):431-5 (Eng. Abstr.) **(Rus)**

[Description of Na, K-ATPase activation by monovalent cations using a simplified mathematical model] Ernandes KhL. **Biol Nauki** 1985;(5):108-10 (Eng. Abstr.) **(Rus)**

[Mathematical model of vasorenal hypertension] Tankovich NI, et al. **Biull Eksp Biol Med** 1985 Jul;100(7):124-6 **(Rus)**

[Cellular kinetic model for studying geroprotectors and geropromotors] Chirkova EIu, et al. **Dokl Akad Nauk SSSR** 1984;278(6):1474-6 **(Rus)**

[Bone marrow regulatory factors (BMRF) and the transplanting of bone marrow: a model of morphostasis and immunity] Pierpaoli W, et al. **Fiziol Cheloveka** 1984 Mar-Apr;10(2):234-41 **(Rus)**

[The problems of modeling and optimizing the functional state and activities of the human operators] Zingerman AM, et al. **Fiziol Cheloveka** 1984 Nov-Dec;10(6):894-906 (30 ref.) **(Rus)**

[Experimental model of hypoxia in hygienic studies] Rudnev MI. **Gig Sanit** 1984 Dec;(12):59-61 **(Rus)**

[Discrete model of surgical interventions] Kots AP, et al. **Klin Khir** 1985 Jan;(1):22-4 (Eng. Abstr.) **(Rus)**

[Mathematical modeling of hemosorption] Sidarenko LN, et al. **Klin Khir** 1985 Jan;(1):24-6 (Eng. Abstr.) **(Rus)**

[Long-term antiorthostasis (-90 degrees) of animals as a model of critical disorders of homeostasis] Bogomolov VV, et al. **Kosm Biol Aviakosm Med** 1984 Sep-Oct;18(5):34-8 (Eng. Abstr.) **(Rus)**

[Mathematical model of cyclic kinetics of granulocytopoiesis] Smirnova OA. **Kosm Biol Aviakosm Med** 1985 Jan-Feb; 19(1):77-80 (Eng. Abstr.) **(Rus)**

[Mathematical model of the dynamics of parasitemia in mice infected with P. berghei] Losev GI, et al. **Med Parazitol (Mosk)** 1984 Jul-Aug;(4):25-8 (Eng. Abstr.) **(Rus)**

[Mathematical model of transitional processes in the chemostat culture of microorganisms] Drozdov-Tikhomirov LN, et al. **Mol Biol (Mosk)** 1985 May-Jun;19(3):751-9 (Eng. Abstr.) **(Rus)**

[The theory of ligand migration in biomacromolecules] Shaitan KV, et al. **Mol Biol (Mosk)** 1985 May-Jun; 19(3):742-50 (Eng. Abstr.) **(Rus)**

[Model of epithelial morphogenesis based on elastic forces and cell contact polarization] Belintsev BN, et al. **Ontogenez** 1985 Jan-Feb;16(1):5-14 (Eng. Abstr.) **(Rus)**

[Application of synergetics to the theory of ontogenesis (on the parametric control of development)] Belousov LV, et al. **Ontogenez** 1985 May-Jun;16(3):213-28 (Eng. Abstr.) **(Rus)**

[Model for studying the effect of intrauterine synechiae on the estrous cycle] Burchik VK, et al. **Patol Fiziol Eksp Ter** 1985 May-Jun;(3):78-9 **(Rus)**

[A model demonstrating the mechanism of impairment of inspiration and expiration (dyspnea)] Kurygin GV, et al. **Patol Fiziol Eksp Ter** 1984 Nov-Dec;(6):78-9 **(Rus)**

[Mathematical model of the sarcomagenic action of osteotropic alpha emitters] Petoian IM, et al. **Radiobiologiia** 1985 May-Jun;25(3):356-61 (Eng. Abstr.) **(Rus)**

[Mathematical modelling of the kinetics of a heterogeneous cell population during tumor growth. I. Analytical study] Bardychev DM, et al. **Tsitologiia** 1984 Dec;26(12):1357-64 (Eng. Abstr.) **(Rus)**

[Mathematical modeling of the kinetics of a heterogeneous cell population during tumor growth. II. A numerical study and some generalizations] Bardychev DM, et al. **Tsitologiia** 1985 Jan;27(1):114-8 (Eng. Abstr.) **(Rus)**

[Practical results of modeling the dynamics of syphilis morbidity] Tesalova OT, et al. **Vestn Dermatol Venerol** 1985 Jan;(1):41-5 (Eng. Abstr.) **(Rus)**

[Controversy in the definition of clearance. II. Methods of derivation and conditions of the validity of the Cl = Vd ke relationship] Vitko A, et al. **Cesk Farm** 1984 Jun; 33(5):187-91 (Eng. Abstr.) **(Slo)**

[A model of the oral glucose tolerance test] Tamarit Torres J. **An R Acad Nac Med (Madr)** 1985;102(1):35-52 **(Spa)**

[The auricular tissue specialized for conduction: its importance in physiology and antiarrhythmic pharmacotherapy] Pastelin G, et al. **Gac Med Mex** 1984 Nov-Dec;120(11-12):371-85 **(Spa)**

[Non-linear analysis of arterial pressure] Roa L, et al. **Rev Esp Fisiol** 1984 Sep;40(3):325-32 (Eng. Abstr.) **(Spa)**

[An experimental model for adjusting the rhythm of irradiation to the kinetics of the tissues to be irradiated] Gili Planas J, et al. **Rev Esp Oncol** 1982;29(3):511-27 (Eng. Abstr.) **(Spa)**

[Computerized models of the variation of the different stages of the cell cycle in a hypertriploid Ehrlich ascites tumor in the early days after implantation] Pertusa J, et al. **Rev Esp Oncol** 1982;29(3):463-71 (Eng. Abstr.) **(Spa)**

MODELS, CARDIOVASCULAR

Cardiotocographic distortion of fetal heart rate variability. Theoretical considerations and exemplification by computerized simulation. Sigurd J, et al. **Acta Obstet Gynecol Scand** 1985;64(3):255-8

A viscoelastic model of mechanically induced and spontaneous contractions of vascular smooth muscle. Hudetz AG, et al. **Acta Physiol Hung** 1985;65(2):109-23

An in-vitro method for simulation of oxygen transport in the microcirculation. Boland EJ, et al. **Adv Exp Med Biol** 1984;180:251-9

Michaelis-Menten-like kinetics in the Krogh tissue cylinder. Cronk J, et al. **Adv Exp Med Biol** 1984;180:499-509

Capillary wall permeability effects in perfused capillary-tissue structures. Fletcher JE, et al. **Adv Exp Med Biol** 1984;180:907-19

Effects of modeling assumptions on oxygen transport in isolated heart. Napper S, et al. **Adv Exp Med Biol** 1984; 180:73-83

A computerized mathematical model of arterial thrombi recorded by light transmission. Nyssen M, et al. **Adv Exp Med Biol** 1984;180:823-34

The effect of cell size and capillary spacing on myocardial oxygen supply. Rakusan K, et al. **Adv Exp Med Biol** 1984; 180:463-75

An analytical model for axial diffusion in the Krogh cylinder. Schubert RW, et al. **Adv Exp Med Biol** 1984;180:433-42

A model for cardiac ischemia. Cardiac cells transplanted into the renal capsular space of the rat and their electrophysiological properties. Nishizono Y, et al. **Adv Myocardiol** 1985;6:383-93

Coronary artery bypass grafting. A model for the understanding of the progression of atherosclerotic disease and the role of pharmacological intervention. Fuster V, et al. **Adv Prostaglandin Thromboxane Leukotriene Res** 1985;13:285-99 (34 ref.)

Mathematical models of arterial transmural transport. Fry DL. **Am J Physiol** 1985 Feb;248(2 Pt 2):H240-63

A theoretical model of a compliant arterial stenosis. Santamore WP, et al. **Am J Physiol** 1985 Feb;248(2 Pt 2):H274-85

Effect of cell turnover and leaky junctions on arterial macromolecular transport. Weinbaum S, et al. **Am J Physiol** 1985 Jun;248(6 Pt 2):H945-60

A new test circulatory system for research in cardiovascular engineering. Arabia M, et al. **Ann Biomed Eng** 1984; 12(1):29-48

Surface integration and least-squares procedures for the inverse recovery of cardiac multipole components. Dubé B, et al. **Ann Biomed Eng** 1985;13(1):43-58

Pulsatile flow and atherosclerosis in the human carotid bifurcation. Positive correlation between plaque location and low oscillating shear stress. Ku DN, et al. **Arteriosclerosis** 1985 May-Jun;5(3):293-302

A theoretical model for myocardial tissue deformability. Collins R, et al. **Biorheology** 1984;21(5):687-708

In vitro study of modifications of blood flow patterns induced by a bifurcation. Delouche A, et al. **Biorheology** 1985; 22(1):55-71

Particle flow behavior in models of branching vessels. II. Effects of branching angle and diameter ratio on flow patterns. Karino T, et al. **Biorheology** 1985;22(2):87-104

Pulsatile flow of non-Newtonian fluid in distensible models of human arteries. Liepsch D, et al. **Biorheology** 1984; 21(4):571-86

Comparison of geometrical models for evaluating left ventricular wall motion from cineangiograms. Lorente P, et al. **Biorheology** 1984;Suppl 1:175-82

Mechano-mathematical model of excitation-contraction coupling in muscle tissue. Mihailova AP, et al. **Biorheology** 1984;Suppl 1:209-12

Structure of blood flow through a curved vessel with an aneurysm. Niimi H, et al. **Biorheology** 1984;21(4):603-15

Theoretical models in mechanics of the left ventricle. Pelle G, et al. **Biorheology** 1984;21(5):709-22 (36 ref.)

Small angle light scattering by large spheroids. Comparison with patterns from erythrocytes under shear. Ravey JC, et al. **Biorheology** 1984;Suppl 1:287-90

Model experiments on platelet adhesion in stagnation point flow. Wurzinger LJ, et al. **Biorheology** 1984;21(4):649-59

Some remarks about plasma mechanical resistance. Litargini P, et al. **Boll Soc Ital Biol Sper** 1984 Jun 30;60(6):1287-91

A perfused biological phantom and tumour model. Howard GC, et al. **Br J Cancer** 1985 Feb;51(2):279-81

The development of a dynamic model for microvascular research and practice using human placenta: a preliminary report. Waterhouse N, et al. **Br J Plast Surg** 1985 Jul; 38(3):389-93

A simple solution of the non-stationary heat transport problem in capillarized biological tissue. Klinger HG. **Bull Math Biol** 1984;46(5-6):879-89

Volumetric analysis of right ventricular cadaver models viewed in axially angled projections. Dübel HP, et al. **Cardiovasc Intervent Radiol** 1985;8(1):8-13

Intrathoracic and abdominal pressure variations as an efficient method for cardiopulmonary resuscitation: studies in dogs compared with computer model results. Beyar R, et al. **Cardiovasc Res** 1985 Jun;19(6):335-42

Closed-loop baroreflex control of total peripheral resistance in the cat: identification of gains by aid of a model. Burattini R, et al. **Cardiovasc Res** 1984 Dec;18(12):715-23

Modeling the isovolumic relaxation period. Bernardi L, et al. **Cathet Cardiovasc Diagn** 1985;11(3):255-68

Hydraulic estimation of stenotic orifice area: a correction of the Gorlin formula. Cannon SR, et al. **Circulation** 1985 Jun;71(6):1170-8

Comparison of Doppler echocardiographic peak frequency and turbulence parameters in the quantification of aortic stenosis in a pulsatile flow model. Cannon SR, et al. **Circulation** 1985 Jan;71(1):129-35

The accuracy of Doppler ultrasound measurement of pressure gradients across irregular, dual, and tunnellike obstructions to blood flow. Teirstein PS, et al. **Circulation** 1985 Sep;72(3):577-84

Numerical integration in the reconstruction of cardiac action potentials using Hodgkin-Huxley-type models. Victorri B, et al. **Comput Biomed Res** 1985 Feb;18(1):10-23

Dynamics of heart failure in ventricular aneurysm studied by a physical model. Kinoshita Y, et al. **G Ital Cardiol** 1984 Sep;14(9):720-2

Inverse recovery of two moving dipoles from simulated surface potential distributions on a realistic human torso model. de Guise J, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):126-35

Use of time integrals of the ECG to solve the inverse problem. Geselowitz DB. **IEEE Trans Biomed Eng** 1985 Jan;32(1):73-5

Body surface potential mapping based on cylindrical regression. Kasper L, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):237-9

Synchronized external pulsation for improved tolerance to acceleration stress: model studies and preliminary experiments. Moore TW, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):158-65

Reduced models of arterial systems. Toy SM, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):174-6

Pulsatile poststenotic flow studies with laser Doppler anemometry. Ahmed SA, et al. **J Biomech** 1984; 17(9):695-705

Wall distensibility effect on arterial flow distribution. Doo I, et al. **J Biomech** 1984;17(8):643

A mathematical model of aortic valve vibration. Sikarskie DL, et al. **J Biomech** 1984;17(11):831-7

Peristaltic transport of blood: Casson model--II. Srivastava LM, et al. **J Biomech** 1984;17(11):821-9

An experimental study of coronary artery fluid mechanics. Altobelli SA, et al. **J Biomech Eng** 1985 Feb;107(1):16-23

Entry flow in a circular tube of aortic arch dimensions. Lim KO, et al. **J Biomech Eng** 1984 Nov;106(4):351-6

Nonquasi-steady character of pulsatile flow in human coronary arteries. Mark FF, et al. **J Biomech Eng** 1985 Feb;107(1):24-8

Computer simulation of cardiopulmonary resuscitation. Beyar R, et al. **J Biomed Eng** 1985 Apr;7(2):113-9

Method of assessing the contribution of components of an anastomosing vascular network to total vascular impedance. Tukmachi ES, et al. **J Biomed Eng** 1985 Apr; 7(2):105-12

A quantitative model for the measurement of cerebral vascular extraction fraction in vivo following intravenous injection: simulation studies. Takagi S, et al. **J Cereb Blood Flow Metab** 1984 Dec;4(4):564-73

Fibrillation of a cardiac region and the tachycardia mode of a two-oscillator system. Strittmatter W, et al. **J Math Biol** 1984;20(2):171-84

Factors affecting ventricular volumes determined by a count-based equilibrium method. Fearnow EC 3d, et al. **J Nucl Med** 1985 Sep;26(9):1042-7

A mathematical representation for vessel network III. Chen II. **J Theor Biol** 1984 Nov 7;111(1):115-21

New formulation of water and macromolecular flux which corrects for non-ideality: theory and derivation, predictions, and experimental results. Katz MA. **J Theor Biol** 1985 Jan 21;112(2):369-401

Myocardial stress equations: fiberstresses of the prolate spheroid. Regen DM. **J Theor Biol** 1984 Jul 21; 109(2):191-215

Responses of left ventricle to changes in aortic input impedance. Ishide N, et al. **Jpn Circ J** 1985 Feb; 49(2):215-23

Cardiac hypertrophy as early adjustments to a chronically sustained mechanical overload. Sasayama S. **Jpn Circ J** 1985 Feb;49(2):224-31

Is regional ventricular wall work determined from regional force and shortening always consistent with the law of conservation of energy? Suga H, et al. **Jpn Circ J** 1984 Sep;48(9):1007-16

Roles of coronary circulation as a determinant of the left ventriculo-arterial interaction. Sunagawa K. **Jpn Circ J** 1985 Feb;49(2):238-44

Interaction between heart as a pump and artery as a load. Yamakoshi K. **Jpn Circ J** 1985 Feb;49(2):195-205

In vitro study of intraventricular flow. Morvan D, et al. **Life Support Syst** 1984 Jul-Sep;2(3):209-20

Cardiovascular simulation models. Reul H. **Life Support Syst** 1984 Apr-Jun;2(2):77-97

Computer studies of systemic and regional blood flow mechanisms during cardiopulmonary resuscitation. Beyar R, et al. **Med Biol Eng Comput** 1984 Nov;22(6):499-506

Cardiac assist by intrathoracic and abdominal pressure variations: a mathematical study. Beyar R, et al. **Med Biol Eng Comput** 1984 Nov;22(6):507-15

Impulse propagation in rubber-tube analogues of arterial stenoses and aneurysms. Greenwald SE, et al. **Med Biol Eng Comput** 1985 Mar;23(2):150-4

Validity of the transfer function model of the human arterial system of the lower limb in man. Law YF, et al. **Med Biol Eng Comput** 1984 Nov;22(6):537-42

Contribution of different sized vessels in the extremities to the arterial pulse waveform as recorded by electrical impedance and volume plethysmography. Shankar TM, et al. **Med Biol Eng Comput** 1985 Mar;23(2):155-64

Mathematical model for turbulent blood flow through a disk-type prosthetic heart valve. Thalassoudis K, et al. **Med Biol Eng Comput** 1984 Nov;22(6):529-36

Long-term micro- and macrocirculatory measurements in conscious rats. Smith TL, et al. **Microvasc Res** 1985 May; 29(3):360-70

A mathematical model for the mechanics of saccular aneurysms. Canham PB, et al. **Neurosurgery** 1985 Aug; 17(2):291-5

Analysis of the effects of measured white blood cell entrance times on hemodynamics in a computer model of a microvascular bed. Fenton BM, et al. **Pflugers Arch** 1985 Apr;403(4):396-401

The slow inward current, isi, in the rabbit sino-atrial node investigated by voltage clamp and computer simulation. Brown HF, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22; 222(1228):305-28

The ionic currents underlying pacemaker activity in rabbit sino-atrial node: experimental results and computer simulations. Brown HF, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22;222(1228):329-47

A model of sino-atrial node electrical activity based on a modification of the DiFrancesco-Noble (1984) equations. Noble D, et al. **Proc R Soc Lond [Biol]** 1984 Sep 22; 222(1228):295-304

Description of heart-rate variability data in accordance with a physiological model for the genesis of heartbeats. de Boer RW, et al. **Psychophysiology** 1985 Mar;22(2):147-55

New aspects of the behavior of irreversibly aggregated platelets. Salganicoff L, et al. **Semin Hematol** 1985 Apr; 22(2):135-50

The vascular steal phenomenon: an experimental model. Billet A, et al. **Surgery** 1984 Nov;96(5):923-8

[Role of erythrocyte deformability in erythrocyte transit time and bioavailability of O2] Thao Chan M, et al. **J Mal Vasc** 1985;10(1):43-6 (Eng. Abstr.) (Fre)

[A new model for the quantitative analysis of left ventricular regional function] Brack M, et al. **Schweiz Med Wochenschr** 1984 Nov 10;114(45):1598-601 (Eng. Abstr.) (Ger)

[Simulation of arterial pulse curves in elastic tubes and a carotid preparation] Arnolds BJ, et al. **Ultraschall Med** 1984 Oct;5(5):231-6 (Eng. Abstr.) (Ger)

[Model construction and systems analysis in physiology and pathology] Kenner T. **Wien Klin Wochenschr** 1985 Apr 12;97(8):370-3 (Eng. Abstr.) (Ger)

[Validity of a biophysical model for predicting heart rate values during activities operating under a risk of thermal stress] Terzi R, et al. **Boll Soc Ital Biol Sper** 1984 Nov 30;60(11):2083-9 (Eng. Abstr.) (Ita)

[Preliminary research on the use of a computerized physical model for studying the principle parameters of cardiac function] Picozzi P, et al. **Boll Soc Ital Cardiol** 1983 Nov; 28(11):981-91 (Eng. Abstr.) (Ita)

[Three dimensional model structure of the heart ventricle and abdomen for retrogressive-problem solving in ECG] Douniwa K. **Iyodenshi To Seitai Kogaku** 1984 Sep; 22(5):362-3 (Jpn)

[Designing and evaluation of a dynamic cardiac phantom for ECG gated blood-pool scintigraphy] Inoue T, et al. **Kaku Igaku** 1985 Feb;22(2):261-8 (Jpn)

[Pulmonary vascular impedance] Haneda T, et al. **Kokyu To Junkan** 1984 Sep;32(9):897-906 (27 ref.) (Jpn)

[Mathematical formulation of an experimental high altitude pulmonary edema model] Ueda G. **Nippon Kyobu Shikkan Gakkai Zasshi** 1984 Dec; 22(12):1105-8 (Eng. Abstr.) (Jpn)

[Hemodynamics during gravitational overload (a mathematical model)] Palets BL, et al. **Fiziol Cheloveka** 1985 Mar-Apr;11(2):185-91 (Rus)

[Method of representing the process of mechanical loading in isolated strips of myocardium (imitation of the cardiac cycle)] Bliakhman FA, et al. **Fiziol Zh SSSR** 1984 Nov; 70(11):1582-4 (Rus)

[Modeling the QRS complex of the ECG at 12 standard leads] Gel'man GI, et al. **Kardiologiia** 1984 Oct;24(10):109-11 (Rus)

[Study of the variations in cardiovascular system indicators using the main component method] Voskresenskii AD, et al. **Kosm Biol Aviakosm Med** 1984 Nov-Dec;18(6):33-7 (Eng. Abstr.) (Rus)

MODELS, CHEMICAL

Macromolecular structure and specificity: computer-assisted modeling and applications. **Ann NY Acad Sci** 1985; 439:1-209

On the construction of computer models of proteins by the extension of crystallographic structures. Feldmann RJ, et al. **Ann NY Acad Sci** 1985;439:12-43

Modeling the mechanism of peptide cleavage by thermolysin. Hangauer DG, et al. **Ann NY Acad Sci** 1985;439:124-39

Is hydroxyl radical generated by the Fenton reaction in vivo? Biliński T, et al. **Biochem Biophys Res Commun** 1985 Jul 31;130(2):533-9

Synthesis and evaluation of a miniature organic model of chymotrypsin. D'Souza VT, et al. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):727-32

A screened electrostatic potential model of hydration for conformational analysis of biomolecules. Olatunji OL, et al. **Biochem Biophys Res Commun** 1985 Jan 16; 126(1):247-53

Role of topological constraints in the all-or-none transition of a globular protein model: theory of the helix-coil transition in doubly crosslinked, coiled coils. Skolnick J. **Biochem Biophys Res Commun** 1985 Jun 28;129(3):848-53

Regulatory proteins (inhibitors or activators) affect estimates of Mr of enzymes and receptors by radiation inactivation. A theoretical model. Potier M, et al. **Biochem J** 1985 Mar 15;226(3):797-801

Theory for the folding and stability of globular proteins. Dill KA. **Biochemistry** 1985 Mar 12;24(6):1501-9

Secondary isotope effects and structure-reactivity correlations in the dopamine beta-monooxygenase reaction: evidence for a chemical mechanism. Miller SM, et al. **Biochemistry** 1985 Apr 23;24(9):2114-27

Mechanism of inactivation of monoamine oxidase by 1-phenylcyclopropylamine. Silverman RB, et al. **Biochemistry** 1985 Apr 23;24(9):2128-38

Coupled reaction of immobilized aspartate aminotransferase and malate dehydrogenase. A plausible model for the cellular behaviour of these enzymes. Arrio-Dupont M, et al. **Biochim Biophys Acta** 1985 May 20;829(1):58-68

Molecular origin of biphasic response of main phase-transition temperature of phospholipid membranes to long-chain alcohols. Suezaki Y, et al. **Biochim Biophys Acta** 1985 Aug 8;818(1):31-7

A method for deciding whether two experimental fluorescence anisotropy decay curves are significantly different. Genest D, et al. **Biochimie** 1984 Sep-Oct; 66(9-10):631-8

Active site dynamics in protein molecules: a stochastic boundary molecular-dynamics approach. Brooks CL 3d, et al. **Biopolymers** 1985 May;24(5):843-65

Computer simulation of DNA supercoiling in a simple elastomechanical approximation. Selepová P, et al. **Biopolymers** 1985 May;24(5):867-82

Angiotensin as a model for hormone--receptor interactions. Moore GJ, et al. **Biosci Rep** 1985 May;5(5):407-16

Theory and practical application of coupled enzyme reactions: one and two auxiliary enzymes. Brooks SP, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):945-55

Theory and practical application of coupled enzyme systems: one and two coupling enzymes with mutarotation of an intermediate. Brooks SP, et al. **Can J Biochem Cell Biol** 1984 Oct;62(10):956-63

Enamel fluoride profile construction from biopsy data. Chow LC, et al. **Caries Res** 1985;19(2):103-12

Computer modeling of the recombination reaction of rhodopsin. Lacy ME, et al. **Comput Biol Med** 1984; 14(4):403-10

Quantum pharmacology. Richards WG. **Endeavour** 1984; 8(4):172-8

A model for the resistance of the proton channel formed by the proteolipid of ATPase. Schulten Z, et al. **Eur Biophys J** 1985;11(3):149-55

A model for intracellular complexation between gene-5 protein and bacteriophage fd DNA. Brayer GD, et al. **Eur J Biochem** 1985 Jul 15;150(2):287-96

Metabolic control and its analysis. Additional relationships between elasticities and control coefficients. Fell DA, et al. **Eur J Biochem** 1985 May 2;148(3):555-61

A model for the structural organization of aminoacyl-tRNA synthetases in mammalian cells. Cirakoglu B, et al. **FEBS Lett** 1985 Apr 22;183(2):185-90

Molecular mechanics of protonmotive F0F1 ATPases. Rolling well and turnstile hypothesis. Mitchell P. **FEBS Lett** 1985 Mar 11;182(1):1-7

Synthesis and properties of an all-D model ribonuclease S-peptide. Corigliano-Murphy MA, et al. **Int J Pept Protein Res** 1985 Mar;25(3):225-31

Evidence that anion transport by band 3 proceeds via a ping-pong mechanism involving a single transport site. A 35 Cl NMR study. Falke JJ, et al. **J Biol Chem** 1985 Aug 15;260(17):9537-44

The branch point effect. Ultrasensitivity and subsensitivity to metabolic control. LaPorte DC, et al. **J Biol Chem** 1984 Nov 25;259(22):14068-75

Fe(III).ATP complexes. Models for ferritin and other polynuclear iron complexes with phosphate. Mansour AN, et al. **J Biol Chem** 1985 Jul 5;260(13):7975-9

The interaction between ATP-actin and ADP-actin. A tentative model for actin polymerization. Pantaloni D, et al. **J Biol Chem** 1985 Jun 10;260(11):6572-8

Retention model for proteins in reversed-phase liquid chromatography. Geng X, et al. **J Chromatogr** 1984 Jul 27;296:15-30

A theoretical investigation of histamine tautomerism. Topiol S, et al. **J Med Chem** 1984 Nov;27(11):1531-4

A diffusion Michaelis-Menten mechanism: continuous conformational change in enzymatic kinetics. Agmon N. **J Theor Biol** 1985 Apr 21;113(4):711-7

Selection between multiple periodic regimes in a biochemical system: complex dynamic behaviour resolved by use of one-dimensional maps. Decroly O, et al. **J Theor Biol** 1985 Apr 21;113(4):649-71

Stereospecific binding capacity of proteins on surfaces--simple mathematical models. Lundström I, et al. **J Theor Biol** 1984 Sep 21;110(2):195-204

Indefinite self-association of a solute in linear and branched arrays. Nichol LW, et al. **J Theor Biol** 1984 Jul 21; 109(2):285-98

Molecular basis of drug action of some antibiotics. Sanyal NK, et al. **J Theor Biol** 1984 Oct 21;110(4):505-21

A further note on the molecular structure of the acetylcholine receptor protein. Smythies JR. **Med Hypotheses** 1984 Sep; 15(1):93-4

Equilibrium in the protein-immobilized-ligand-soluble-ligand system: estimation of dissociation constants of protein-soluble-ligand complexes from binding-inhibition data. Hořejší V, et al. **Mol Immunol** 1985 Feb;22(2):125-33

Topological mapping of acetylcholine receptor: evidence for a model with five transmembrane segments and a cytoplasmic COOH-terminal peptide. Young EF, et al. **Proc Natl Acad Sci USA** 1985 Jan;82(2):626-30

The MCS-model of chemical initiation of cancer. Szentpály LV. **Prog Clin Biol Res** 1985;172A:327-39

A kinetic model describing the interaction of bovine prothrombin fragment 1 with calcium ions. Kabis CW, et al. **Thromb Haemost** 1985 Feb 18;53(1):19-23

[Stereoelectronic effects in organic and bio-organic chemistry. I. Model examples from organic chemistry] Pindur U. **Pharm Unserer Zeit** 1985 Mar;14(2):50-5 (Ger)

[Dissociative model of the thermoinactivation of NAD-dependent hydrogenase] Popov VO, et al. **Dokl Akad Nauk SSSR** 1985;281(3):735–7 **(Rus)**

[Model of the active center of cytochrome P-450. Alkane oxidation catalyzed by iron(III) porphyrin in microheterogeneous media] Sorokin AB, et al. **Dokl Akad Nauk SSSR** 1984;279(4):939–41 **(Rus)**

[Benzodiazepines, receptor affinity, their endogenous ligands and the modeling of new psychotropic preparations] Voronina TA, et al. **Vestn Akad Med Nauk SSSR** 1984;(11):13–20 (31 ref.) (Eng. Abstr.) **(Rus)**

MODELS, GENETIC

Sense and nonsense in genetic epidemiology: a critique of the statistical model of Williams and Lyer. Heath AC, et al. **Acta Genet Med Gemellol (Roma)** 1984;33(4):557–63

Proband concordance vs. casewise concordance. Hrubec Z. **Acta Genet Med Gemellol (Roma)** 1984;33(4):579–83

The effects of conditioning on probands to correct for multiple ascertainment. Boehnke M, et al. **Am J Hum Genet** 1984 Nov;36(6):1298–308

Interactions between opposite-sex dizygotic fetuses and the assumptions of Weinberg difference method epidemiology. Boklage CE. **Am J Hum Genet** 1985 May;37(3):591–605

Comparisons of different sampling designs for the determination of genetic transmission mechanisms in quantitative traits. Burns TL, et al. **Am J Hum Genet** 1984 Sep;36(5):1060–74

The probability of exclusion of ancestries based on genetic observations. Darlu P, et al. **Am J Hum Genet** 1985 May;37(3):581–90

A genetic model for age at onset in Huntington disease. Farrer LA, et al. **Am J Hum Genet** 1985 Mar;37(2):350–7

Family-size distribution and Ewens' equivalence theorem. Hodge SE. **Am J Hum Genet** 1985 Jan;37(1):166–77

Multilocus linkage analysis in humans: detection of linkage and estimation of recombination. Lathrop GM, et al. **Am J Hum Genet** 1985 May;37(3):482–98

Estimation of inbreeding by isonymy in Iberoamerican populations: an extension of the method of crow and mange. Pinto-Cisternas J, et al. **Am J Hum Genet** 1985 Mar;37(2):373–85

Segregation analysis of schizophrenia and related disorders. Risch N, et al. **Am J Hum Genet** 1984 Sep;36(5):1039–59

Sample-size calculations in segregation analysis. Wong FL, et al. **Am J Hum Genet** 1984 Nov;36(6):1279–97

On the statistical determination of major gene mechanisms in continuous human traits: regressive models. Bonney GE. **Am J Med Genet** 1984 Aug;18(4):731–49

Homologous Robertsonian translocation [letter] Gardner RJ. **Am J Med Genet** 1984 Oct;19(2):399–400

The heterogeneity problem. I: Separating genetic from environmental forms of the same disease. Greenberg DA, et al. **Am J Med Genet** 1985 Jun;21(2):357–71

The dynamics of quantifiable homeostasis. VI: Processes of fractional order. Murphy EA. **Am J Med Genet** 1985 Jun;21(2):385–94

A genetic model of dental reduction through the probable mutation effect. McKee JK. **Am J Phys Anthropol** 1984 Nov;65(3):231–41

Multinomial distributions in ploidy analysis. Weber JE, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):140–52

Test statistics for detecting aneuploidy and hyperdiploidy. Weber JE, et al. **Anal Quant Cytol Histol** 1985 Jun;7(2):131–9

Mutation and selection in the marker (X) syndrome. A hypothesis. Vogel F. **Ann Hum Genet** 1984 Oct;48 (Pt 4):327–32

Animal behavior genetics: a search for the biological foundations of behavior. Wimer RE, et al. **Annu Rev Psychol** 1985;36:171–218 (319 ref.)

Replication bypass SCE mechanisms and the induction of SCE by single-strand adducts or lesions of DNA. Shafer DA. **Basic Life Sci** 1984;29 Pt A:245–65 (35 ref.)

Resolving the effects of phenotype and social background on mate selection. Heath AC, et al. **Behav Genet** 1985 Jan;15(1):15–30

A study of familial resemblance for two cognitive psychometric tests by permutation analyses. Karlin S, et al. **Behav Genet** 1985 May;15(3):223–44

Fitting heredity-environment models jointly to twin and adoption data from the California Psychological Inventory. Loehlin JC. **Behav Genet** 1985 May;15(3):199–221

The origins of the strategy of codon use. Hénaut A, et al. **Biochimie** 1985 May;67(5):475–83

Theory of degenerate coding and informational parameters of protein coding genes. Konopka AK. **Biochimie** 1985 May;67(5):455–68

Stochastic theory of evolution of biochemical networks. Feistel R. **Biomed Biochim Acta** 1985;44(6):953–7

On optimum properties in the design of metabolic and epigenetic systems. Reich JG. **Biomed Biochim Acta** 1985;44(6):845–52

'Theoretical experiments' on amino acid and nucleotide sequences: three case-studies. von Heijne G. **Biomed Biochim Acta** 1985;44(6):903–11

Confidence intervals for a variance ratio, or for heritability, in an unbalanced mixed linear model. Harville DA, et al. **Biometrics** 1985 Mar;41(1):137–52

Right- and left-hand skill: failure of the right shift model. McManus IC. **Br J Psychol** 1985 Feb;76 (Pt 1):1–34

Genetic control theory of developmental events. Clowes JS, et al. **Bull Math Biol** 1984;46(5–6):785–825 (73 ref.)

Multistage risk models and the age pattern in familial polyposis coli. Weiss KM, et al. **Cancer Invest** 1984;2(6):443–8

Combined analysis of genetic segregation and linkage under an oligogenic model. MacLean CJ, et al. **Comput Biomed Res** 1984 Oct;17(5):471–80

Will a three-allele model of inheritance explain the HLA data for type 1 (insulin-dependent) diabetes? Greenberg DA. **Diabetologia** 1985 Mar;28(3):122–7

Multivariate analysis of familial and non-familial influences for commonality in drug use. Pedersen NL. **Drug Alcohol Depend** 1984 Sep;14(1):67–74

Colonizing species: a probe into evolution via the organism. Parsons PA. **Endeavour** 1984;8(3):108–12

Modeling Balbiani Ring gene transcription with electron microscope tomography. Olins AL, et al. **Eur J Cell Biol** 1984 Sep;35(1):129–42

Does the complex of aminoacyl-tRNA synthetases and tRNA-modifying enzymes prevent miscoding? Ryazanov AG. **FEBS Lett** 1984 Dec 3;178(1):6–9

The genetic correlation between characters maintained by selection, linkage and inbreeding. Lande R. **Genet Res** 1984 Dec;44(3):309–20

Postmeiotic segregation as a source of mosaics in diploid organisms. Leslie JF, et al. **Genet Res** 1984 Oct;44(2):225–9

Tests of hypotheses on recombination frequencies. Morton NE, et al. **Genet Res** 1985 Jun;45(3):279–86

Mechanism of IS1 transposition in E. coli: choice between simple insertion and cointegration. Biel SW, et al. **Genetics** 1984 Oct;108(2):319–30

Recombination and assortment in the macronucleus of Tetrahymena thermophila: a theoretical study by computer simulation. Doerder FP, et al. **Genetics** 1984 Dec;108(4):1035–45

A symmetric two-locus fertility model. Feldman MW, et al. **Genetics** 1985 Jan;109(1):229–53

The sampling distribution of linkage disequilibrium. Golding GB. **Genetics** 1984 Sep;108(1):257–74

Multilocus population genetics with weak epistasis. I. Equilibrium properties of two-locus two-allele models. Hastings A. **Genetics** 1985 Apr;109(4):799–812

Stable equilibria at two loci in populations with large selfing rates. Hastings A. **Genetics** 1985 Jan;109(1):215–28

The sampling distribution of linkage disequilibrium under an infinite allele model without selection. Hudson RR. **Genetics** 1985 Mar;109(3):611–31

Statistical properties of the number of recombination events in the history of a sample of DNA sequences. Hudson RR, et al. **Genetics** 1985 Sep;111(1):147–64

The selective value of alleles underlying polygenic traits. Lynch M: **Genetics** 1984 Dec;108(4):1021–33

Population bottlenecks and nonequilibrium models in population genetics. I. Allele numbers when populations evolve from zero variability. Maruyama T, et al. **Genetics** 1984 Nov;108(3):745–63

The affected sib method. I. Statistical features of the affected sib-pair method. Motro U, et al. **Genetics** 1985 Jul;110(3):525–38

Does Chi give or take? Stahl FW, et al. **Genetics** 1984 Dec;108(4):795–808

Gene genealogy and variance of interpopulational nucleotide differences. Takahata N, et al. **Genetics** 1985 Jun;110(2):325–44

How many processed pseudogenes are accumulated in a gene family? Walsh JB. **Genetics** 1985 Jun;110(2):345–64

Predicting the properties of first cycle inbreds and second cycle hybrids extractable from two, three and four parent crosses. Pooni HS, et al. **Heredity (Edinburgh)** 1985 Jun;54 (Pt 3):397–411

Association between a genetic trait and a marker: discrimination between epistasis and gametic disequilibrium. Clerget-Darpoux F, et al. **Hum Genet** 1985;69(2):188–9

Mapping genetic systems by the supratype method. Morton NE, et al. **Hum Genet** 1985;70(3):231–5

Further segregation analysis of the fragile X syndrome with special reference to transmitting males. Sherman SL, et al. **Hum Genet** 1985;69(4):289–99

Recurrent mutation pressure does not explain the prevalence of the marker (X) syndrome. Vogel F, et al. **Hum Genet** 1985;71(1):1–6

Techniques for estimating genetic admixture and applications to the problem of the origin of the Icelanders and the Ashkenazi Jews. Wijsman EM. **Hum Genet** 1984;67(4):441–8

The use of incompletely linked markers in genetic counseling: accuracy versus linkage. Asmussen MA. **Hum Hered** 1985;35(2):73–88

The role of genetic analyses in characterizing obesity. Williams RR. **Int J Obes** 1984;8(5):551–9

The search for genetic homogeneity in affective disorders. Smeraldi E, et al. **J Affective Disord** 1984 Oct;7(2):99–107

The wobble rule. Jukes TH. **J Appl Biochem** 1984 Jun;6(3):115–6

Structural organization of the human kininogen gene and a model for its evolution. Kitamura N, et al. **J Biol Chem** 1985 Jul 15;260(14):8610–7

Chi-square and Mendel's experiments: where's the bias? Monaghan F, et al. **J Hered** 1985 Jul-Aug;76(4):307–9

On the optimal sex-ratio: a stability analysis based on a characterization for one-locus multiallele viability models. Karlin S, et al. **J Math Biol** 1984;20(1):15–38

A symmetric two locus model with viability and fertility selection. Liberman U, et al. **J Math Biol** 1985;22(1):31–60

On chiasma formation point processes having the count location property. Liberman U. **J Math Biol** 1984;21(1):1–10

Models of genetic control by repression with time delays and spatial effects. Mahaffy JM, et al. **J Math Biol** 1984;20(1):39–57

Biased intrachromosomal gene conversion in a chromosome lineage. Nagylaki T. **J Math Biol** 1985;21(3):215–35

A model for the excision of introns 1 and 2 from adenoviral major late pre-messenger RNAs. Mariman EC, et al. **J Mol Biol** 1984 Sep 5;178(1):47–62

The OR control system of bacteriophage lambda. A physical-chemical model for gene regulation. Shea MA, et al. **J Mol Biol** 1985 Jan 20;181(2):211–30

Evolutionary constraints and the neutral theory. Jukes TH, et al. **J Mol Evol** 1984;21(1):90–2

Population genetics theory of concerted evolution and its application to the immunoglobulin V gene tree. Ohta T. **J Mol Evol** 1984;20(3–4):274–80

The case for a polyphyletic origin of mitochondria: morphological and molecular comparisons. Stewart KD, et al. **J Mol Evol** 1984;21(1):54–7

Genetics of Darwinian fitness. II. Pleiotropic selection on fertility and survival. Abugov R. **J Theor Biol** 1985 May 7;114(1):109–25

Quantitative genetics and developmental constraints on evolution by selection. Cheverud JM. **J Theor Biol** 1984 Sep 21;110(2):155–71

A model for chromosome movement based on lateral interaction of spindle microtubules. Fuge H, et al. **J Theor Biol** 1985 Aug 7;115(3):391–9

A model for transposon-based eucaryote regulatory evolution. King CC. **J Theor Biol** 1985 Jun 7;114(3):447–62

Initiation of DNA replication in bacteria: analysis of an autorepressor control model. Margalit H, et al. **J Theor Biol** 1984 Nov 7;111(1):183–99

A general mathematical model for sex allocation. Taylor PD. **J Theor Biol** 1985 Feb 21;112(4):799–818

A mathematical model for the co-existence of incompatible, conjugative plasmids in individual bacteria of a bacterial population. van der Hoeven N. **J Theor Biol** 1984 Oct 5;110(3):411–23

Computer simulation of the distribution of quantitative characters. Inouye E, et al. **Jinrui Idengaku Zasshi** 1984 Dec;29(4):437–45

Analysis of the oncogene hypothesis. Caesar G. **Med Hypotheses** 1984 Aug;14(4):379–85

Three steps mutation model of carcinogenesis. De Braekeleer M. **Med Hypotheses** 1984 Aug;14(4):363–71

Philadelphia chromosome--an artifact. Kodras R. **Med Hypotheses** 1984 Sep;15(1):101–2

A proposed mechanism for cooperativity among oncogene products in cancer cells. Shier WT. **Med Hypotheses** 1984 Aug;14(4):373–7

A molecular model for conjugational recombination in Escherichia coli K12. Lloyd RG, et al. **MGG** 1984;197(2):328–36

Co-recessive inheritance: a model for DNA repair, genetic disease and carcinogenesis. Lambert WC, et al. **Mutat Res** 1985 May;145(3):227–34

A new principle of RNA folding based on pseudoknotting. Pleij CW, et al. **Nucleic Acids Res** 1985 Mar 11;13(5):1717–31

Prematurely condensed chromosomes: a model system for visualizing effects of DNA damage, repair and inhibition at the level of chromosome structure. Hittelman WN. **Nucleic Acids Symp Ser** 1984;(13):341–71

A two-stage molecular model for control of mini-F replication. Trawick JD, et al. **Plasmid** 1985 Jan;13(1):59–69

Sex determination: a hypothesis based on noncoding DNA. Chandra HS. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1165–9

Group selection for a polygenic behavioral trait: estimating the degree of population subdivision. Crow JF, et al. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6073–7

Self-organization in macromolecular systems: the notion of adaptive value. Demetrius L. **Proc Natl Acad Sci USA** 1984 Oct;81(19):6068–72

The molecular clock may be an episodic clock. Gillespie JH. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8009–13

Variances and covariances of identity coefficients of a multigene family. Ohta T. **Proc Natl Acad Sci USA** 1985 Feb;82(3):829–33

Molecular model of ribosome frameshifting. Weiss RB. **Proc Natl Acad Sci USA** 1984 Sep;81(18):5797–801

Genetic dissection of cell determination, a complex system in biology. Whittle JR. **Sci Prog** 1984 Summer;69(274):235–56

Smooth curve of evolutionary rate: a psychological and mathematical artifact [letter] Gould SJ. **Science** 1984 Nov 23;226(4677):994–6

Discovery of a predicted DNA knot substantiates a model for site-specific recombination. Wasserman SA, et al. **Science** 1985 Jul 12;229(4709):171–4

Evolution and intraspecific exploitative competition. II. A two-locus model for additive gene effects. Loeschcke V, et al. **Theor Popul Biol** 1984 Oct;26(2):228–64

Line-of-descent and genealogical processes, and their applications in population genetics models. Tavaré S. **Theor Popul Biol** 1984 Oct;26(2):119-64

Quantitative models of hybrid dysgenesis: rapid evolution under transposition, extrachromosomal inheritance, and fertility selection. Uyenoyama MK. **Theor Popul Biol** 1985 Apr;27(2):176-201

Third order linkage disequilibrium. Thomson G, et al. **Tissue Antigens** 1984 Oct;24(4):250-5

[An all-inclusive genetic theory for carcinogenesis?] Philip T, et al. **J Genet Hum** 1984 Dec;32(5):313-33 (112 ref.) (Eng. Abstr.) **(Fre)**

[Genetic drift in outbred animal populations] Schüler L, et al. **Z Versuchstierkd** 1984;26(4):181-4 (Eng. Abstr.) **(Ger)**

[Block improvement of the genetic text as a factor of acceleration of biological evolution] Ivanitskiĭ GR, et al. **Biofizika** 1985 May-Jun;30(3):418-21 (Eng. Abstr.) **(Rus)**

[3-dimensional model of transcription and the mechanism of RNA elongation] Grigor'ev SA. **Biol Nauki** 1984;(12):17-24 (48 ref.) (Eng. Abstr.) **(Rus)**

[Synthetic genes of peptide hormones. A model gene of human calcitonin] Golova IuB, et al. **Dokl Akad Nauk SSSR** 1984;277(5):1258-60 **(Rus)**

[Stereochemical modeling of ribosomal translocation] Lim VI, et al. **Dokl Akad Nauk SSSR** 1985;282(6):1502-7 **(Rus)**

[Estimation of the parameters of the single-locus diallele model of qualitative trait in groups of relations] Drigalenko EI. **Genetika** 1985 Jun;21(6):1034-8 (Eng. Abstr.) **(Rus)**

[Mathematical modeling of the dynamics of the intensity of the mutation process. II. Dynamic evaluation of the frequencies of hereditary pathology] Bochkov NP, et al. **Genetika (Moskva)** 1985 Mar;21(3):502-7 (Eng. Abstr.) **(Rus)**

[Mathematical approaches to the problem of generating immunoglobulin diversity] Eppel' MS, et al. **Genetika (Moskva)** 1984 Aug;20(8):1318-24 (Eng. Abstr.) **(Rus)**

[Mathematical modeling of the dynamics of the intensity of the mutation process. I. Formulation of the task and the general model] Vedenkov VG, et al. **Genetika (Moskva)** 1985 Mar;21(3):493-501 (Eng. Abstr.) **(Rus)**

[Genetic model of stress-induced arterial hypertension] Markel' AL. **Izv Akad Nauk SSSR [Biol]** 1985 May-Jun;(3):466-9 (Eng. Abstr.) **(Rus)**

MODELS, MOLECULAR

The functional differentiation of the Fc region of immunoglobulin G. Dorrington KJ. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):260-3 (12 ref.)

The Mcg light chain: multiple conformations derived from a single amino acid sequence. Edmundson AB, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):276-82 (20 ref.)

On the specificity of antibody/antigen interactions: phosphocholine binding to McPC603 and the correlation of three-dimensional structure and sequence data. Padlan EA, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):271-6 (10 ref.)

Structure and specificity of antibody molecules. Saul FA, et al. **Ann Inst Pasteur Immunol** 1985 Mar-Apr;136C(2):263-7 (11 ref.)

Macromolecular structure and specificity: computer-assisted modeling and applications. **Ann NY Acad Sci** 1985;439:1-209

The formation of three-dimensional biological structures. Computer uses and future needs. Levinthal C. **Ann NY Acad Sci** 1984;426:171-80

Calculations of the three-dimensional structures of proteins. Scheraga HA. **Ann NY Acad Sci** 1985;439:170-94

Evidence for the existence of hydrogen-bonded cyclic tetramers in aqueous solutions of tetramethylammonium guanosine 5'-monophosphate. Sagan BL, et al. **Biochem Biophys Res Commun** 1985 Apr 30;128(2):980-6

Critical evaluation of comparative model building of Streptomyces griseus trypsin. Read RJ, et al. **Biochemistry** 1984 Dec 18;23(26):6570-5

Synthesis of phospholipids containing photoactivatable carbene precursors in the headgroups and their crosslinking with membrane proteins. Burnett BK, et al. **Biochim Biophys Acta** 1985 Apr 26;815(1):57-67

A conformational rationale for the replication of nucleic acids under prebiotic conditions. Balasubramanian R, et al. **Biosystems** 1984;17(2):77-85

Packaged DNA. An elastic model. Manning GS. **Cell Biophys** 1985 Mar;7(1):57-89 (58 ref.)

Three-dimensional structure of bovine pancreatic DNase I at 2.5 A resolution. Suck D, et al. **EMBO J** 1984 Oct;3(10):2423-30

A molecular model for ion selectivity in membrane channels. Schröder H. **Eur Biophys J** 1985;11(3):157-65

Biomolecular absorption of ultrasound: II. Molecular structure. Kremkau FW, et al. **J Acoust Soc Am** 1985 Mar;77(3):1217-21

Refined crystal structure of deoxyhemoglobin S. II. Molecular interactions in the crystal. Padlan EA, et al. **J Biol Chem** 1985 Jul 15;260(14):8280-91

The molecular weights of UDP-glucuronyltransferase determined with radiation-inactivation analysis. A molecular model of bilirubin UDP-glucuronyltransferase. Peters WH, et al. **J Biol Chem** 1984 Oct 10;259(19):11701-5

Electrostatic interactions during electron transfer reactions between c-type cytochromes and flavodoxin. Weber PC, et al. **J Biol Chem** 1985 May 10;260(9):5568-73

Refinement of a molecular model for lamprey hemoglobin from Petromyzon marinus. Honzatko RB, et al. **J Mol Biol** 1985 Jul 5;184(1):147-64

The crystal structure of d(G-G-G-G-C-C-C-C). A model for poly(dG).poly(dC). McCall M, et al. **J Mol Biol** 1985 Jun 5;183(3):385-96

An analysis of incorrectly folded protein models. Implications for structure predictions. Novotný J, et al. **J Mol Biol** 1984 Aug 25;177(4):787-818

Tension at the heme: a mathematical treatment of hemoglobin cooperativity. Groome LJ, et al. **J Theor Biol** 1984 Jul 21;109(2):157-72

Computational challenges in molecular modeling. Athay RJ, et al. **Prog Clin Biol Res** 1985;172A:319-26

A molecular model relating to carcinogenesis. Hopkins RC. **Prog Clin Biol Res** 1985;172A:299-308

Inexact three-dimensional reconstruction of a biological macromolecule from a restricted number of projections. Crewe AV, et al. **Ultramicroscopy** 1984;13(4):365-71

[Viral envelopes as models in molecular biology] Kääriäinen L. **Duodecim** 1985;101(3):283-94 **(Fin)**

[Conformation NMR analysis of the spatial structure of Buthus eupeus insectotoxin I5A] Arsen'ev AS, et al. **Bioorg Khim** 1983 Dec;9(12):1667-89 (Eng. Abstr.) **(Rus)**

[Productive conformations of ligands and topography of the alpha1-adrenoreceptor active site based on theoretical conformation analysis] Zhorov BS, et al. **Bioorg Khim** 1984 Mar;10(3):362-77 (Eng. Abstr.) **(Rus)**

MODELS, NEUROLOGICAL

see related

KINDLING (NEUROLOGY)

Mathematical description of the electrical activity of a single neuron. Herczyński R, et al. **Acta Neurobiol Exp (Warsz)** 1984;44(3):121-39

Mathematical models for developmental changes. Eggermont JJ. **Acta Otolaryngol [Suppl] (Stockh)** 1985;421:102-7

Analysis of electroencephalographic activity new model of the method of spontaneous and evoked activity summation in EEG. Chytil J, et al. **Acta Univ Palacki Olomuc Fac Med** 1984;110:8-141

A model of transport and metabolism in neurons. Topakoglu C, et al. **Adv Exp Med Biol** 1984;180:95-107

A neural theory of circadian rhythms: Aschoff's rule in diurnal and nocturnal mammals. Carpenter GA, et al. **Am J Physiol** 1984 Dec;247(6 Pt 2):R1067-82

Model of a pattern generator for locomotion in mammals. Patla AE, et al. **Am J Physiol** 1985 Apr;248(4 Pt 2):R484-94

Cellular mechanisms of learning, memory, and information storage. Farley J, et al. **Annu Rev Psychol** 1985;36:419-94 (338 ref.)

Time series modeling of neuromuscular system. Agarwal GC, et al. **Biol Cybern** 1984;51(2):103-11

Abnormal discharges and chaos in a neuronal model system. Chay TR. **Biol Cybern** 1984;50(4):301-11

Computer simulation of a cerebellar cortex compartment. II. An information learning and its recall in the Marr's memory unit. Dunin-Barkowski WL, et al. **Biol Cybern** 1985;51(6):407-15

Computer simulation of a cerebellar cortex compartment. I. General principles and properties of a neural net. Dunin-Barkowski WL, et al. **Biol Cybern** 1985;51(6):399-406

Stabilization of Hebbian neural nets by inhibitory learning. Easton P, et al. **Biol Cybern** 1984;51(1):1-9

Self-organizing mechanism for the formation of ordered neural mappings. Erdi P, et al. **Biol Cybern** 1984;51(2):93-101

Multichannel transmission of proprioceptive input to motoneurons. Feenstra BW, et al. **Biol Cybern** 1985;52(1):53-8

The application of parametric multichannel spectral estimates in the study of electrical brain activity. Franaszczuk PJ, et al. **Biol Cybern** 1985;51(4):239-47

Superposition of impulse activity in a rapidly-adapting afferent unit model. Goldfinger MD. **Biol Cybern** 1984;50(6):385-94

Zero-crossing detectors in primary visual cortex? Hochstein S, et al. **Biol Cybern** 1984;51(3):195-9

Responses of the spinal alpha-motoneurone-Renshaw cell system to various differentially distributed segmental afferent and descending inputs. Koehler W, et al. **Biol Cybern** 1985;51(6):417-26

Systems model for pupil size effect. II. Feedback model. Krenz WC, et al. **Biol Cybern** 1985;51(6):391-7

A model of the neural mechanisms responsible for pattern recognition and stimulus specific habituation in toads. Lara R, et al. **Biol Cybern** 1985;51(4):223-37

An overall description of retinotopic mapping in the cat's visual cortex areas 17, 18, and 19. Mallot HA. **Biol Cybern** 1985;52(1):45-51

A model for generalization and specification by single neurons. Munro PW. **Biol Cybern** 1984;51(3):169-79

Identification and estimation algorithm for stochastic neural system. II. Nakao M, et al. **Biol Cybern** 1985;52(2):71-8

Design and fitting of neural network transfer functions. Schor RH. **Biol Cybern** 1985;51(6):357-62

Model of the cone-horizontal cell circuit in the catfish retina. Siminoff R. **Biol Cybern** 1985;51(6):363-74

Effect of doublet impulse sequences on the transient and steady responses in the computer-simulated nerve cell. Sugano N. **Biol Cybern** 1984;51(2):123-8

Pacemaker neuron model with plastic firing rate: entrainment and learning ranges. Torras i Genís C. **Biol Cybern** 1985;52(2):79-91

A synaptic modification algorithm in consideration of the generation of rhythmic oscillation in a ring neural network. Tsutsumi K, et al. **Biol Cybern** 1984;50(6):419-30

Ring neural network qua a generator of rhythmic oscillation with period control mechanism. Tsutsumi K, et al. **Biol Cybern** 1984;51(3):181-94

A model for direction selectivity in threshold motion perception. Wilson HR. **Biol Cybern** 1985;51(4):213-22

Segmented and 'equivalent' representation of the cable equation. Andrietti F, et al. **Biophys J** 1984 Nov;46(5):615-23

The somatic shunt cable model for neurons. Durand D. **Biophys J** 1984 Nov;46(5):645-53

Electrical properties of dendritic spines with bulbous end terminals. Kawato M, et al. **Biophys J** 1984 Aug;46(2):155-66

Miniature endplate potential frequency and amplitude determined by an extension of Campbell's theorem. Segal JR, et al. **Biophys J** 1985 Feb;47(2 Pt 1):183-202

A 'physiological' model for the salamander horizontal optokinetic reflex. Manteuffel G. **Brain Behav Evol** 1984;25(4):197-205

Evaluation of neuronal connectivity: sensitivity of cross-correlation. Aertsen AM, et al **Brain Res** 1985 Aug 12;340(2):341-54

The Purkinje cell dendritic tree: a computer-aided study of its development in the cat and in culture. Calvet MC, et al. **Brain Res** 1985 Apr 8;331(2):235-50

Neuroblastoma cell as a model for a taste cell: mechanism of depolarization in response to various bitter substances. Kumazawa T, et al. **Brain Res** 1985 Apr 29:333(1):27-33

Synaptic amplification by active membrane in dendritic spines. Miller JP, et al. **Brain Res** 1985 Jan 28;325(1-2):325-30

Depolarized potassium currents and time delay in nerve membrane. Chiang C. **Bull Math Biol** 1985;47(2):317-20

Coupling of a slow and a fast oscillator can generate bursting. Honerkamp J, et al. **Bull Math Biol** 1985;47(1):1-21

Neural modeling and model identification. Sanderson AC, et al. **Crit Rev Biomed Eng** 1985;12(3):237-309 (368 ref.)

Early axon patterns of the spinal cord: experiments with a computer. Katz MJ, et al. **Dev Biol** 1985 May;109(1):140-9

A computer-assisted method for averaging movement-related cortical potentials with respect to EMG onset. Barrett G, et al. **Electroencephalogr Clin Neurophysiol** 1985 Mar;60(3):276-81

Experimental test of two models for the generation of oblique saccades. van Gisbergen JA, et al. **Exp Brain Res** 1985;57(2):321-36

Neuropeptides and appetite: contribution of neuropharmacological modeling. Morley JE, et al. **Fed Proc** 1984 Nov;43(14):2903-7 (46 ref.)

Some electrical circuit properties of the organ of Corti. II. Analysis including reactive elements. Dallos P. **Hear Res** 1984 Jun;14(3):281-91

Model of d.c. potentials in the cochlea: effects of voltage-dependent cilia stiffness. McMullen TA, et al. **Hear Res** 1985 Feb;17(2):127-41

Schemas for the temporal organization of behaviour. Arbib MA. **Hum Neurobiol** 1985;4(2):63-72

Magnetic measurements of action currents in a single nerve axon: a core-conductor model. Barach JP, et al. **IEEE Trans Biomed Eng** 1985 Feb;32(2):136-40

Optimization of neural stimuli based upon a variable threshold potential. Dean D, et al. **IEEE Trans Biomed Eng** 1985 Jan;32(1):8-14

Single microelectrode analysis of electrically coupled networks. Publicover NG. **IEEE Trans Biomed Eng** 1985 Jul;32(7):491-6

Arithmetic model for the distributed encoding in the neuron-module. Fuhrmann G. **Int J Neurosci** 1985 Jul;27(1-2):131-47

Neurocybernetic basis of semantic processes. Restian A. **Int J Neurosci** 1984 Nov;24(3-4):185-96

Comparative factor analysis models for an empirical study of EEG data, III: Resolution of stationary generating signals with confirmation by variable deletion. Rogers LJ, et al. **Int J Neurosci** 1984 Nov;24(3-4):167-83

Looking for the social and cultural dimension of the human brain. Mecacci L. **Int J Psychophysiol** 1984 Jun;1(4):293-9

Reticular formation of the lower brainstem. A common system for cardio-respiratory and somatomotor functions. Considerations aided by computer simulations. Lambertz M, et al. **J Auton Nerv Syst** 1985 Jan;12(1):63-75

Computer reconstruction of all the neurons in the optic ganglion of Daphnia magna. Sims SJ, et al. **J Comp Neurol** 1985 Mar 1;233(1):12-29

Tests of the neural noise hypothesis of age-related cognitive change. Salthouse TA, et al. **J Gerontol** 1985 Jul;40(4):443-50

Controlled induction of paired helical filaments of the Alzheimer type in cultured human neurons, by glutamate and aspartate. De Boni U, et al. **J Neurol Sci** 1985 May; 68(2-3):105-18

Model of gradual phase shift of theta rhythm in the rat. Leung LW. **J Neurophysiol** 1984 Dec;52(6):1051-65

A complex-cell receptive-field model. Spitzer H, et al. **J Neurophysiol** 1985 May;53(5):1266-86

Cooperative firing activity in simultaneously recorded populations of neurons: detection and measurement. Gerstein GL, et al. **J Neurosci** 1985 Apr;5(4):881-9

A simple algorithm for solving the cable equation in dendritic trees of arbitrary geometry. Koch C, et al. **J Neurosci Methods** 1985 Feb;12(4):303-15

A simple statistical test for the vertex ratio using Monte Carlo simulation. Verwer RW, et al. **J Neurosci Methods** 1985 Jul;14(2):137-42

Dorsal root ganglia and nerve growth factor: a model for understanding the mechanism of GM1 effects on neuronal repair. Leon A, et al. **J Neurosci Res** 1984;12(2-3):277-87

Periodic and non-periodic responses of a periodically forced Hodgkin-Huxley oscillator. Aihara K, et al. **J Theor Biol** 1984 Jul 21;109(2):249-69

Noisy neural nets exhibiting memory domains. Anninos P, et al. **J Theor Biol** 1984 Aug 21;109(4):581-94

An hypothesis concerning the role of the Golgi apparatus in the phenomenon of memory. Bourne IH. **J Theor Biol** 1984 Oct 21;110(4):541-57

A neural theory of circadian rhythms: split rhythms, after-effects and motivational interactions. Carpenter GA, et al. **J Theor Biol** 1985 Mar 7;113(1):163-223

A neural model of interactions subserving prey-predator discrimination and size preference in anuran amphibia. Cervantes-Pérez F, et al. **J Theor Biol** 1985 Mar 7; 113(1):117-52

The time of a conscious sensory experience and mind-brain theories. Honderich T. **J Theor Biol** 1984 Sep 7; 110(1):115-29

Cable properties of a neuron model with non-uniform membrane resistivity. Kawato M. **J Theor Biol** 1984 Nov 7;111(1):149-69

Noisy neural nets exhibiting epileptic features. Kokkinidis M, et al. **J Theor Biol** 1985 Apr 7;113(3):559-88

Phonon-electron coupling as a possible transducing mechanism in bioelectronic processes involving neuromelanin. Lacy ME. **J Theor Biol** 1984 Nov 7; 111(1):201-4

A global model of the neural mechanisms responsible for visuomotor coordination in toads. Lara R, et al. **J Theor Biol** 1984 Oct 21;110(4):587-618

Coordination: a vector-matrix description of transformations of overcomplete CNS coordinates and a tensorial solution using the Moore-Penrose generalized inverse. Pellionisz AJ. **J Theor Biol** 1984 Oct 5;110(3):353-75

Adaptation of receptive field spatial organization via multiplicative lateral inhibition. Pinter RB. **J Theor Biol** 1984 Oct 5;110(3):435-44

Theoretical models and computer simulations of neural learning systems. Salu Y. **J Theor Biol** 1984 Nov 7; 111(1):31-46

Methods of digital information processing in clinical neurophysiology. Künkel H, et al. **Methods Inf Med** 1985 Jan;24(1):1-4

A mathematical model for the growth of dendritic trees. Ireland W, et al. **Neurosci Lett** 1985 Mar 15;54(2-3):243-9

Estimation of the rising phase of EPSP analyzed by computer simulation of the coding process. Homma S, et al. **Neurosci Res** 1984 Feb;1(1):53-65

Models for transmitter activation process in retinal rod outer segments to flash stimuli. Ichikawa K. **Neurosci Res** 1985 Jun;2(5):349-64

Computer simulation of action potentials and afterpotentials in mammalian myelinated axons: the case for a lower resistance myelin sheath. Blight AR. **Neuroscience** 1985 May;15(1):13-31

Straw men and glass houses? A reply to Churchland on Reductionism [letter] Carr TH, et al. **Neuroscience** 1984 Dec;13(4):1397-404

Membrane resistivity estimated for the Purkinje neuron by means of a passive computer model. Shelton DP. **Neuroscience** 1985 Jan;14(1):111-31

A comparison of pressure-volume models in hydrocephalus. Simon RH, et al. **Neurosurgery** 1984 Nov;15(5):694-9

Improvements in the technique of spinal subarachnoid recirculatory perfusion. Sullivan HG, et al. **Neurosurgery** 1984 Aug;15(2):203-13

Interaction of synaptic modification rules within populations of neurons. Finkel LH, et al. **Proc Natl Acad Sci USA** 1985 Feb;82(4):1291-5

A mechanism for memory storage insensitive to molecular turnover: a bistable autophosphorylating kinase. Lisman JE. **Proc Natl Acad Sci USA** 1985 May;82(9):3055-7

Model of cortical organization embodying a basis for a theory of information processing and memory recall. Shaw GL, et al. **Proc Natl Acad Sci USA** 1985 Apr;82(8):2364-8

Models for mechanoelectrical transduction by hair cells. Hudspeth AJ. **Prog Clin Biol Res** 1985;176:193-205

Synaptic integration in a single neuron. Moore LE, et al. **Prog Clin Biol Res** 1985;176:323-34

The neural representation of gustatory quality. Smith DV. **Prog Clin Biol Res** 1985;176:75-97 (46 ref.)

Spinal cord injury models. de la Torre JC. **Prog Neurobiol** 1984;22(4):289-344 (186 ref.)

Mathematical models of the event-related potential. Hunt E. **Psychophysiology** 1985 Jul;22(4):395-402

Nonlinear codes for the yellow/blue mechanism. Elzinga CH, et al. **Vision Res** 1984;24(9):911-22

A multiple-channel model for grating detection. Jaschinski-Kruza W, et al. **Vision Res** 1984;24(9):933-41

A three channel model of temporal frequency perception. Mandler MB, et al. **Vision Res** 1984;24(12):1881-7

Detection and identification of spatial frequency: models and data. Yager D, et al. **Vision Res** 1984;24(9):1021-35

[Animal models in neuro-ophthalmology] Vital-Durand F. **Bull Mem Soc Fr Ophtalmol** 1985;96:109-13 **(Fre)**

[Selective stabilization of neuronal representations by resonance between spontaneous prerepresentations of the cerebral network and percepts evoked by interaction with the outside world] Heidmann A, et al. **C R Acad Sci [III]** 1984;299(20):839-44 (Eng. Abstr.) **(Fre)**

[Blood platelets: neuronal model in psychiatric disorders] Dreux C, et al. **Encephale** 1985 Mar-Apr;11(2):57-64 (51 ref.) (Eng. Abstr.) **(Fre)**

[Computer simulation of sensory pain reception by an elastic skin model] Akamatsu M. **Iyodenshi To Seitai Kogaku** 1984 Jun;22(3):186-93 (Eng. Abstr.) **(Jpn)**

[A hardware model of the neuro-muscular system in peristaltic movement] Hoshimiya N, et al. **Iyodenshi To Seitai Kogaku** 1984 Jun;22(3):174-9 (Eng. Abstr.) **(Jpn)**

[Systems analysis of pressure transmission in intracranial cavity] Kasuga Y, et al. **No To Shinkei** 1984 Oct; 36(10):1015-23 (Eng. Abstr.) **(Jpn)**

[Computerized infusion test. I. The method] Sliwka S, et al. **Neurol Neurochir Pol** 1984 Nov-Dec;18(6):553-60 (Eng. Abstr.) **(Pol)**

[Formal model of the generation of alpha-rhythm of human electroencephalograms based on principles of statistical dynamics] Belyi VV, et al. **Biofizika** 1985 May-Jun; 30(3):487-90 (Eng. Abstr.) **(Rus)**

[Mathematical modeling of the mechanisms of signal processing by neuronal populations in the brain. II. The effect of synaptic plasticity on the properties of the neuronal network with local connections in the stationary mode] Kropotov IuD, et al. **Fiziol Cheloveka** 1984 May-Jun;10(3):405-10 **(Rus)**

[Mathematical modeling of the mechanisms of signal processing by neuronal populations in the brain. III. A study of the evoked reactions of neuronal barrels] Kropotov IuD, et al. **Fiziol Cheloveka** 1984 Sep-Oct; 10(5):813-21 **(Rus)**

[Model studies of mechanisms of the rhythmic activity of mammalian neurons] Mironov SL. **Neirofiziologiia** 1984; 16(4):445-51 (Eng. Abstr.) **(Rus)**

[Mechanisms of orientation selectivity of simple and complex neurons in the visual cortex and a model of the orientation-selective receptive field] Supin AIa. **Usp Fiziol Nauk** 1984 Oct-Dec;15(4):23-45 (47 ref.) **(Rus)**

[Mechanisms of development and blockade of epileptic activity in the brain] Lavretskaia EF, et al. **Zh Nevropatol Psikhiatr** 1985;85(6):822-7 (Eng. Abstr.) **(Rus)**

[Characteristics of the shape of auto- and cross-correlation histograms of the spike trains of polysynaptically connected neurons] Zosimovskii VA. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):544-51 (Eng. Abstr.) **(Rus)**

[Reflection of the plastic properties of very simple neuronal assemblies in the statistical characteristics of the spike activity of their elements. Monosynaptically connected neurons] Zosimovskii VA. **Zh Vyssh Nerv Deiat** 1984 Nov-Dec;34(6):1149-58 (Eng. Abstr.) **(Rus)**

MODELS, PSYCHOLOGICAL

see related
PROBABILITY LEARNING

A neural network model of multistable perception. Kawamoto AH, et al. **Acta Psychol (Amst)** 1985 May; 59(1):35-65

An exploratory study of delinquency, criminal offenses, and juvenile status offenses via the cross-validation design. Janeksela GM, et al. **Adolescence** 1985 Spring;20(77):161-70

Who is responsible? Adolescents' acceptance of theoretical child abuse models. Roscoe B, et al. **Adolescence** 1985 Spring;20(77):189-97

Family systems approaches to wife battering: a feminist critique. Bograd M. **Am J Orthopsychiatry** 1984 Oct; 54(4):558-68

Automatic processing of fundamental information: the case of frequency of occurrence. Hasher L, et al. **Am Psychol** 1984 Dec;39(12):1372-88 (120 ref.)

Different memory systems underlying acquisition of procedural and declarative knowledge. Cohen NJ, et al. **Ann NY Acad Sci** 1985;444:54-71

Distributed models of cognitive processes. Applications to learning and memory. McClelland JL. **Ann NY Acad Sci** 1985;444:1-9

Contraceptive behavior in college-age males related to Fishbein model. Ewald BM, et al. **ANS** 1985 Apr;7(3):63-9

The DSM-III personality disorders. Perspectives from psychology. Widiger TA, et al. **Arch Gen Psychiatry** 1985 Jun;42(6):615-23 (79 ref.)

A systems model of health behavior change. Kersell MW, et al. **Behav Sci** 1985 Jul;30(3):119-26

A computer model for learning processes and the role of the cerebral commissures. Anninos PA, et al. **Biol Cybern** 1984;50(5):329-36

A multi-stage model for border contrast. Hamada J. **Biol Cybern** 1984;51(1):65-70

A model for size- and rotation-invariant pattern processing in the visual system. Reitboeck HJ, et al. **Biol Cybern** 1984; 51(2):113-21

A personal construct study of depression. Sheehan MJ. **Br J Med Psychol** 1985 Jun;58 (Pt 2):119-28

The 'Stuck synapse' as a model for schizophrenia [letter] Conacher GN. **Br J Psychiatry** 1985 Jun;146:672

A comparative validation of the Foulds and Bedford hierarchy of psychiatric symptomatology. Morey LC. **Br J Psychiatry** 1985 Apr;146:424-8

Towards a model of boredom. Hill AB, et al. **Br J Psychol** 1985 May;76 (Pt 2):235-40

A theory of verb form use in the speech of agrammatic aphasics. Lapointe SG. **Brain Lang** 1985 Jan;24(1):100-55

Beyond the milestone model--a systems framework for alternative infant assessment procedures. Gaussen T, et al. **Child Care Health Dev** 1985 May-Jun;11(3):131-50

Intellectual development within transracial adoptive families: retesting the confluence model. Berbaum ML, et al. **Child Dev** 1985 Feb;56(1):207-18

Families and individual development: provocations from the field of family therapy. Minuchin P. **Child Dev** 1985 Apr; 56(2):289-302 (77 ref.)

Modeling psychosocial effects on glucose control [letter] Peyrot M. **Diabetes Care** 1985 May-Jun;8(3):305-6

Spatial interactions in the rhesus monkey retina: a behavioural study using the Westheimer paradigm. Oehler R. **Exp Brain Res** 1985;59(2):217-25

A developmental model for family systems. Combrinck-Graham L. **Fam Process** 1985 Jun;24(2):139-50

Pragmatics in the measurement of family functioning: an interpretive framework for methodology. Sigafoos A, et al. **Fam Process** 1985 Jun;24(2):189-211

Intent to participate in worksite health promotion activities: a model of risk factors and psychosocial variables. Davis KE, et al. **Health Educ Q** 1984 Winter;11(4):361-77

A health belief model approach to adolescents' fertility control: some pilot program findings. Eisen M, et al. **Health Educ Q** 1985 Summer;12(2):185-210

The Health Belief Model: a decade later. Janz NK, et al. **Health Educ Q** 1984 Spring;11(1):1-47 (58 ref.)

The concept of health promotion and the prevention of adolescent drug abuse. Perry CL, et al. **Health Educ Q** 1985 Summer;12(2):169-84 (39 ref.)

An application of the health belief model toward educational diagnosis for VD education. Simon KJ, et al. **Health Educ Q** 1984 Winter;11(4):403-18

Organizational stress in the hospital: development of a model for diagnosis and prediction. Gray-Toft PA, et al. **Health Serv Res** 1985 Feb;19(6 Pt 1):753-74

Learning to live with controlled ventricular tachycardia: utilizing the Johnson model. McCauley K, et al. **Heart Lung** 1984 Nov;13(6):633-8

Folks and professionals: different models for the interpretation of drug use. Agar MH. **Int J Addict** 1985 Jan;20(1):173-82

Social reconstruction variables and the morale of the aged. Sherman E. **Int J Aging Hum Dev** 1984-85;20(2):133-44

An empirical evaluation of the neurolinguistic programming model. Coe WC, et al. **Int J Clin Exp Hypn** 1985 Oct; 33(4):310-8

Time-limited inpatient group therapy: a developmental model. Brabender VM. **Int J Group Psychother** 1985 Jul; 35(3):373-90

Helping patients survive theories: the practice of an educative model. Maxmen JS. **Int J Group Psychother** 1984 Jul; 34(3):355-68

The 'second censorship', the 'three box model' and some technical implications. Sandler J, et al. **Int J Psychoanal** 1983;64 (Pt 4):413-25

Type III error in research on interpersonal models of depression. Doerfler LA, et al. **J Abnorm Psychol** 1985 May;94(2):227-30

Ejaculatory incompetence: a theoretical formulation and case illustration. Libman E, et al. **J Behav Ther Exp Psychiatry** 1984 Jun;15(2):127-31

Drug abuse examples and methodological considerations in inexpensive computerized path diagramming. Huba GJ, et al. **J Drug Educ** 1984;14(1):73-91

Observing response acquisition: preference for unpredictable appetitive rewards obtained under conditions predicted by DMOD. Daly HB. **J Exp Psychol [Anim Behav]** 1985 Apr; 11(2):294-316

Decision making under uncertainty: a comparison of simple scalability, fixed-sample, and sequential-sampling models. Busemeyer JR. **J Exp Psychol [Learn Mem Cogn]** 1985 Jul;11(3):538-64

Context effects in symbolic magnitude comparisons. Cech CG, et al. **J Exp Psychol [Learn Mem Cogn]** 1985 Apr; 11(2):299-315

Loneliness among the elderly: a causal approach. Creecy RF, et al. **J Gerontol** 1985 Jul;40(4):487-93

A structural integration of the Affect Balance Scale and the Life Satisfaction Index A. Liang J. **J Gerontol** 1985 Sep; 40(5):552-61

Psychosexual development: a model for teaching nursing intervention. Conners VL, et al. **J Nurs Educ** 1984 Oct;

23(8):356-8

Theory: basis for the study and practice of nursing education. Fawcett J. **J Nurs Educ** 1985 Jun;24(6):226-9

A test of Cohen's developmental model for professional socialization with baccalaureate nursing students. McCain NL. **J Nurs Educ** 1985 May;24(5):180-6

Analysis and application of Dorothea Orem's Self-Care Practice Model. Whelan EG. **J Nurs Educ** 1984 Oct; 23(8):342-5

A new look at nursing school program development: self- and external evaluation. Workman LL, et al. **J Nurs Educ** 1985 May;24(5):187-91

Spatiotemporal energy models for the perception of motion. Adelson EH, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):284-99

Spatial-frequency discrimination at low frequencies: evidence for position quantization by receptive fields. Hirsch J, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):128-35

Structure from stereo and motion. Richards W. **J Opt Soc Am [A]** 1985 Feb;2(2):343-9

Elaborated Reichardt detectors. van Santen JP, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):300-21

Model of human visual-motion sensing. Watson AB, et al. **J Opt Soc Am [A]** 1985 Feb;2(2):322-41

Spatial-frequency adaptation and grating discrimination: predictions of a line-element model. Wilson HR, et al. **J Opt Soc Am [A]** 1984 Nov;1(11):1091-6

Empirical validation of affect, behavior, and cognition as distinct components of attitude. Breckler SJ. **J Pers Soc Psychol** 1984 Dec;47(6):1191-205

Personality traits: fact or fiction? A critique of the Shweder and D'Andrade systematic distortion hypothesis. Romer D, et al. **J Pers Soc Psychol** 1984 Nov;47(5):1028-42

Supervising clinical practice in psychosocial nursing. Hughes CM. **J Psychosoc Nurs Ment Health Serv** 1985 Feb; 23(2):27-32

Complementary spatial locations, width, and disparity. Shore H. **J Theor Biol** 1985 Apr 21;113(4):673-702

Drug choice as a problem-solving process. Segal R, et al. **Med Care** 1985 Aug;23(8):967-76

Behavioural objectives for medical auxiliary training in Tanzania: 9 years' experience with an education model. Petit PL. **Med Educ** 1985 Mar;19(2):123-30

Cognitive determinants of the perception of mental health status. Lockwood L. **Med Hypotheses** 1984 Sep;15(1):61-5

Chronic pain. an addiction. Portnow JM. **Med Hypotheses** 1984 Sep;15(1):95-9

Can hypoglycaemia cause obsessions and ruminations? Rippere V. **Med Hypotheses** 1984 Sep;15(1):3-13

Straw men and glass houses? A reply to Churchland on Reductionism [letter] Carr TH, et al. **Neuroscience** 1984 Dec;13(4):1397-404

The health belief model and cardiac rehabilitation Hijeck TW. **Nurs Clin North Am** 1984 Sep;19(3):449-57

A biopsychosocial view of human health. Shaver JF. **Nurs Outlook** 1985 Jul-Aug;33(4):186-91

The impact of arthritis on quality of life. Burckhardt CS. **Nurs Res** 1985 Jan-Feb;34(1):11-6

A theoretical model of support network conflict experienced by new mothers. Crawford G. **Nurs Res** 1985 Mar-Apr; 34(2):100-2

A decision-making model for diagnosing and intervening in elder abuse and neglect. Phillips LR, et al. **Nurs Res** 1985 May-Jun;34(3):134-9

Present moment thinking helps to address inner game of safety. Tager M, et al. **Occup Health Saf** 1985 Apr; 54(4):49-51

Perception: a model comprising two modes of consciousness. Addendum II: Emotion incorporated. Aurell CG. **Percept Mot Skills** 1984 Aug;59(1):180-2

Bowen's concept of triangles and Edward Albee's 'Who's Afraid of Virginia Woolf?' Hickey BA. **Perspect Psychiatr Care** 1984 Apr-Jun;22(2):51-6

Psychobiological adaptation model for physical therapy practice. Dean E. **Phys Ther** 1985 Jul;65(7):1061-8

Mouse killing, insect predation, and conspecific attack by rats with differing prior aggressive experience. Kemble ED, et al. **Physiol Behav** 1985 Apr;34(4):645-8

Applicability of animal models to human aggression. Blanchard DC. **Prog Clin Biol Res** 1984;169:49-74

Animal analogues of human aggression: studies of social experience and escalation. Knutson JF, et al. **Prog Clin Biol Res** 1984;169:75-94

Mathematical description and experimental pharmaco-ethological analysis of animal intraspecific agonistic behavior. Poshivalov VP, et al. **Prog Clin Biol Res** 1984;167:59-80

The dog as a model for human aggression. Scott JP. **Prog Clin Biol Res** 1984;169:95-103

Theoretical interpretations of the speed and accuracy of positive and negative responses. Ratcliff R. **Psychol Rev** 1985 Apr;92(2):212-25

Empirical test of the interaction model of client health behavior. Cox CL, et al. **Res Nurs Health** 1984 Dec; 7(4):275-85

Perceived uncertainty and stress in illness. Mishel MH. **Res Nurs Health** 1984 Sep;7(3):163-71

Predictors of acute confusional states in hospitalized elderly patients. Williams MA, et al. **Res Nurs Health** 1985 Mar; 8(1):31-40

Inspiratory and expiratory resistive load detection in normal and asthmatic subjects. A sensory decision theory analysis. Bonnel AM, et al. **Respiration** 1985;48(1):12-23

Towards a psychobiological model of cancer: psychological considerations. Greer S, et al. **Soc Sci Med** 1985;20(8):773-7

Psychological models of self-mutilation. Bennun I. **Suicide Life Threat Behav** 1984 Fall;14(3):166-86

Metaphors and models of doctor-patient relationships: their implications for autonomy. Childress JF, et al. **Theor Med** 1984 Feb;5(1):17-30

Patients' autonomy: three models of the professional-lay relationship in medicine. Ozar DT. **Theor Med** 1984 Feb; 5(1):61-8

[A 2-dimensional model for the differential diagnosis of 6 nosographic categories] Skoda C. **Cesk Psychiatr** 1984 Aug; 80(4):279-84 (Cze)

[Chronic disease and family problems: a descriptive model for the pediatrician] Hulstijn-Dirkmaat I, et al. **Tijdschr Kindergeneeskd** 1984 Aug;52(4):134-8 (Eng. Abstr.) (Dut)

[Proposal for a new descriptive psycho-physiopathological model of schizophrenia] Leroy C, et al. **Ann Med Psychol (Paris)** 1984 Sep-Oct;142(8):1049-85 (Eng. Abstr.) (Fre)

[Discrete probabalistic reaction models as categorial regression models] Tutz G. **Arch Psychol (Frankf)** 1985; 137(2):99-114 (Eng. Abstr.) (Ger)

[Discrete and continuous mathematical models of intraspecific behavior in the pharmacoethology of the mouse] Poshivalov VP, et al. **Zh Vyssh Nerv Deiat** 1985 May-Jun;35(3):487-96 (Eng. Abstr.) (Rus)

MODELS, STRUCTURAL

Streak artifacts in dynamic CT. A phantom study of the anterior upper abdomen. Partanen K, et al. **Acta Radiol [Diagn] (Stockh)** 1984;25(4):285-8

Standard phantoms for NMR imaging equipment. Derbyshire W. **Ann Ist Super Sanita** 1983;19(1):163-7

Preliminary results from phantoms for spatial and contrast resolution, standardisation and calibration, within NMR images. Orr JS, et al. **Ann Ist Super Sanita** 1983;19(1):191-6

Synthetic polymers: a possible source of phantoms for NMR imaging. Segre AL. **Ann Ist Super Sanita** 1983;19(1):169-72

Ultrasound phantom material [letter] Ophir J. **Br J Radiol** 1984 Dec;57(684):1161

A phantom for testing ECG-gated computed tomography of the heart. Godwin JD, et al. **Invest Radiol** 1984 Jul-Aug; 19(4):279-83

Low cost, microprocessor-based system for flow evaluation in a hydraulic model using the dilution method. Guillen SG, et al. **J Biomed Eng** 1985 Apr;7(2):100-4

Use of a cardiac phantom for intersystem survey [letter] Cradduck TD, et al. **J Nucl Med** 1985 Sep;26(9):1097-9

Prospective tissue-mimicking materials for use in NMR imaging phantoms. Madsen EL, et al. **Magn Reson Imaging** 1982;1(3):135-41

Beam quality independent attenuation phantom for estimating patient exposure from x-ray automatic exposure controlled chest examinations. Conway BJ, et al. **Med Phys** 1984 Nov-Dec;11(6):827-32

Theoretical and experimental investigation of dose enhancement due to charge storage in electron-irradiated phantoms. Rawlinson JA, et al. **Med Phys** 1984 Nov-Dec; 11(6):814-21

Dynamic and static phantoms for evaluation of digital subtraction angiographic systems. Fujita H, et al. **Radiology** 1985 Jun;155(3):799-803

Digital subtraction angiography system evaluation with phantoms. Wenstrup RS, et al. **Radiology** 1985 Jun; 155(3):805-9

[MR measurements on a perfused renal artery model with pulsatile flow] Allgayer B, et al. **ROFO** 1985 Jan; 142(1):95-8 (Eng. Abstr.) (Ger)

[Quality assurance in roentgen tomography. Initial report on a sectional phantom assembly for all parameters] Büchner H. **ROFO** 1984 Oct;141(4):453-9 (Eng. Abstr.) (Ger)

[Development of a new phantom for evaluation of SPECT performance] Fukukita H, et al. **Kaku Igaku** 1985 Feb; 22(2):201-7 (Eng. Abstr.) (Jpn)

[Thermal field created by an irradiator with a slot capacitance studied on tissue-equivalent phantoms] Rudakov NP, et al. **Eksp Onkol** 1985;7(1):70-2 (Eng. Abstr.) (Rus)

MODELS, THEORETICAL

Assessment of the ability to manage patients on mechanical ventilators using a computer model. Grossman R, et al. **Acute Care** 1983-84;10(2):95-102

Clinical implications of models for recovery from alcoholism. Bean M. **Adv Alcohol Subst Abuse** 1983-84 Fall-Winter; 3(1-2):91-104

Diagnosis in the addictions I: Conceptual problems. Burglass ME, et al. **Adv Alcohol Subst Abuse** 1983-84 Fall-Winter; 3(1-2):19-34

Occupational health services in 1984: a prospective model [editorial] Parmeggiani L. **Am J Ind Med** 1985;7(2):91-2

Nursing diagnosis. Looking at the whole. Newman MA. **Am J Nurs** 1984 Dec;84(12):1496-9

Three frames of reference in work-related occupational therapy programs. Creighton C. **Am J Occup Ther** 1985 May;39(5):331-4

The concept of work in occupational therapy: a historical review. Harvey-Krefting L. **Am J Occup Ther** 1985 May; 39(5):301-7

Understanding theory: the first step in learning about research. Reed KL. **Am J Occup Ther** 1984 Oct; 38(10):677-82

Contrasting models for combined medical and psychiatric inpatient treatment. Fogel BS, et al. **Am J Psychiatry** 1985 Sep;142(9):1085-9

The Delphi technique: characteristics and sequence model. Couper MR. **ANS** 1984 Oct;7(1):72-7

Newman's conceptual framework and the measurement of older adult's health. Engle VF. **ANS** 1984 Oct;7(1):24-36

Critique: external comparison of conceptual nursing models. Nicoll LH, et al. **ANS** 1985 Jul;7(4):1-9

Personnel productivity and cost effectiveness. A model for evaluation in the OR. Hanson RL, et al. **AORN J** 1985 Jun;41(6):1070-1, 1073-4, 1076

Perioperative functions. Classification of knowledge and required skills. Nelson AH, et al. **AORN J** 1985 Jun; 41(6):1078, 1080, 1082-3 Passim

Biosocial theory of psychopathology: a three by three factor model. Matson JL. **Appl Res Ment Retard** 1985; 6(2):199-227

Effects of diffusion on the electrophoretic behavior of associating systems: the Gilbert-Jenkins theory revisited. Cann JR. **Arch Biochem Biophys** 1985 Aug 1;240(2):489-99

Cusp and butterfly catastrophe modeling of two opponent process models: drug addiction and work performance. Guastello SJ. **Behav Sci** 1984 Oct;29(4):258-62

A systems perspective on clinical management. Taylor TR, et al. **Behav Sci** 1984 Oct;29(4):233-47

A computer simulation model for the practical planning of cervical cancer screening programmes. Parkin DM. **Br J Cancer** 1985 Apr;51(4):551-68

Some algebraic properties of the Reticular Action Model for moment structures. McArdle JJ, et al. **Br J Math Stat Psychol** 1984 Nov;37 (Pt 2):234-51

Recording the consultation: model for assessment. Jones T. **Br Med J [Clin Res]** 1984 Sep 29;289(6448):803-4

Cross validation of model predicting (ir)regularity of dental attendance. Duivenvoorden HJ, et al. **Community Dent Oral Epidemiol** 1984 Oct;12(5):349-50

Comparison of receiver operating curves derived from the same population: a bootstrapping approach. Moise A, et al. **Comput Biomed Res** 1985 Apr;18(2):125-31

Fertility and replacement: some alternative stochastic models and results for Brazil. Mauskopf J, et al. **Demography** 1984 Nov;21(4):519-36

Evaluation of a contract model for professional nursing practice. Dear MR, et al. **Health Care Manage Rev** 1985 Spring;10(2):65-77

Hospital bed utilization: an implemented simulation approach to adjusting and maintaining appropriate levels. Dumas MB. **Health Serv Res** 1985 Apr;20(1):43-61

Hospital expenses in a sector model. Friedman B, et al. **Health Serv Res** 1985 Feb;19(6 Pt 1):717-51

Impact of administrative technology on acute care bed need. Martin JB, et al. **Health Serv Res** 1985 Apr;20(1):63-81

Predicting social workers' expenditure of time with hospital patients. Coulton CJ, et al. **Health Soc Work** 1985 Winter; 10(1):35-44

Nurse and physician collaboration: how to strengthen the team. Kuhn R. **Heart Lung** 1985 Sep;14(5):18A-21A

Education standards for critical care nursing: conceptual framework. Kuhn RC, et al. **Heart Lung** 1985 Mar; 14(2):187-90

Asbestos body concentrations in human lung: predictions from asbestos body counts in tissue sections with a mathematical model. Vollmer RT, et al. **Hum Pathol** 1985 Jul;16(7):713-8

Electrical impedance computed tomography based on a finite element model. Murai T, et al. **IEEE Trans Biomed Eng** 1985 Mar;32(3):177-84

Methodological issues in case-control studies IV: Validity and efficiency of various analysis strategies for continuous variables using the unconditional logistic regression model. Choi BC, et al. **Int J Epidemiol** 1984 Dec;13(4):526-32

Simulation studies of influenza epidemics: assessment of parameter estimation and sensitivity. Longini IM Jr, et al. **Int J Epidemiol** 1984 Dec;13(4):496-501

Models for leprosy. An appraisal of graphic representations of the 'spectrum' concept as models and a suggestion for a catastrophe theory model for leprosy. Srinivasan H. **Int J Lepr** 1984 Sep;52(3):402-13

The Neuman Systems Model in nursing education: course development and implementation. Bourbonnais FF, et al. **J Adv Nurs** 1985 Mar;10(2):117-23

A study to compare two models of community psychiatric nursing care delivery. Brooker CG, et al. **J Adv Nurs** 1985 May;10(3):217-23

Theory of nursing as curriculum content. Roberts KL. **J Adv Nurs** 1985 May;10(3):209-15

The Betty Neuman Systems Model in nursing practice: a case study approach. Ross MM, et al. **J Adv Nurs** 1985 May;10(3):199-207

Three models of professionalism and professional obligation in dentistry. Ozar DT. **J Am Dent Assoc** 1985 Feb; 110(2):173-7

The functional approach to the care of the elderly: a conceptual framework. Becker PM, et al. **J Am Geriatr Soc** 1984 Dec;32(12):923-9

Loss weighting and the human cost of experimentation. Silber JH, et al. **J Chronic Dis** 1985;38(6):507-16

Use and application of structural models in dental education research. Potter RH, et al. **J Dent Educ** 1985 Mar;49(3):145-53

Clinical hypothesis testing in family practice: a biopsychosocial perspective. Like R, et al. **J Fam Pract** 1984 Oct;19(4):517-23

A contractual model for accountability and financial stability in a community-based family practice residency. Werblun MN. **J Fam Pract** 1985 Sep;21(3):228-30

Retirement communities and their life stages. La Greca AJ, et al. **J Gerontol** 1985 Mar;40(2):211-8

A recursive model of economic well-being in retirement. Leon J. **J Gerontol** 1985 Jul;40(4):494-505

Medicaid reform: programming solutions to the equity problem. Stuart B, et al. **J Health Polit Policy Law** 1985 Spring;10(1):93-118

The Neuman Systems Model in practice. Planning phase. Capers CF, et al. **J Nurs Adm** 1985 May;15(5):29-38

Toward more clarity in terminology: frameworks, theories and models. Adam E. **J Nurs Educ** 1985 Apr;24(4):151-5

Professional nursing education: what is its purpose? Butterfield SE. **J Nurs Educ** 1985 Mar;24(3):99-103

A model for curriculum evaluation. Horan M, et al. **J Nurs Educ** 1984 Sep;23(7):319-22

Family sculpture. Keltner B, et al. **J Nurs Educ** 1984 Oct;23(8):361-3

Putting the patient on the team: a teaching strategy. Zawacki N, et al. **J Nurs Educ** 1984 Oct;23(8):346-8

Applying an evaluation model to a dental public health program. Scheetz JP, et al. **J Public Health Dent** 1985 Summer;45(3):187-92

The circumference of an ellipse [letter] Toms DA. **J Ultrasound Med** 1984 Oct;3(10):480

Complex clinical workloads in a nutshell [letter] Dibble JB, et al. **Lancet** 1984 Dec 8;2(8415):1343

Model building on the basis of Dutch cervical cancer screening data. Habbema JD, et al. **Maturitas** 1985 May;7(1):11-20

Interaction effects in a multivariate model of physician visits by older people. Arling G. **Med Care** 1985 Apr;23(4):361-71

Developing multiattribute health indexes. Boyle MH, et al. **Med Care** 1984 Nov;22(11):1045-57

Determinants of market share for a hospital's services. Erickson GM, et al. **Med Care** 1985 Aug;23(8):1003-18

Decision-modeling methods used to design decision support systems for staffing. Nutt PC. **Med Care** 1984 Nov;22(11):1002-13

A concise model for the management of possible appendicitis. Clarke JR. **Med Decis Making** 1984;4(3):331-8

Statistical modelling and diagnostic aids. Morton BA, et al. **Med Decis Making** 1984;4(3):339-48

An extended hypothetical theory of the dose-response relations in pharmacology. Várkonyi P, et al. **Med Hypotheses** 1985 Apr;16(4):409-20

A photon dose distribution model employing convolution calculations. Boyer A, et al. **Med Phys** 1985 Mar-Apr;12(2):169-77

Physical characteristics of scattered radiation in diagnostic radiology: Monte Carlo simulation studies. Chan HP, et al. **Med Phys** 1985 Mar-Apr;12(2):152-65

Models of service delivery: an assessment of some applications and implications for people who are mentally retarded. Baldwin S. **Ment Retard** 1985 Feb;23(1):6-12

Dynamic simulation models: how valid are they? Shreckengost RC. **Natl Inst Drug Abuse Res Monogr Ser** 1985;57:63-70

Integrating theories of crisis intervention into hospice home care teaching. Christensen S, et al. **Nurs Clin North Am** 1985 Jun;20(2):449-55

Models of care for persons with progressive cancer. Saunders JM, et al. **Nurs Clin North Am** 1985 Jun;20(2):365-77

An action research framework for primary health care. Flynn BC. **Nurs Outlook** 1984 Nov-Dec;32(6):316-8

Helping and nursing models. Cronenwett LR. **Nurs Res** 1983 Nov-Dec;32(6):342-6

The unification model in nursing: a study of receptivity among nurse educators in the United States. Yarcheski A, et al. **Nurs Res** 1985 Mar-Apr;34(2):120-5

Some statistical concepts in the analysis of vision and visual acuity. Wild JM, et al. **Ophthalmic Physiol Opt** 1985;5(1):63-71

Bead centrifuge tube inserts--a semi-quantitative theory. Polson A, et al. **Prep Biochem** 1984 Aug;14(3):223-30

Transcription of ground-state density-functional theory into a local thermodynamics. Ghosh SK, et al. **Proc Natl Acad Sci USA** 1984 Dec;81(24):8028-31

Teaching the biopsychosocial model to medical residents in an outpatient clinic. Rosenblum S, et al. **Psychosomatics** 1984 Oct;25(10):751-3, 757-9

Ideologies of clinical and ecological models. Stubbins J, et al. **Rehabil Lit** 1984 Nov-Dec;45(11-12):349-53 (15 ref.)

A reply to Collins and Fielder: the concept of theory. Beckstrand J. **Res Nurs Health** 1984 Sep;7(3):189-96

Goodness of fit methods for the proportional hazards regression model: a review. Kay R. **Rev Epidemiol Sante Publique** 1984;32(3-4):185-98

Testing the proportional hazards regression model against some general alternatives. O'Quigley J, et al. **Rev Epidemiol Sante Publique** 1984;32(3-4):199-205

Economic evaluation of health care interventions: a review of alternative methods. Carrin G. **Soc Sci Med** 1984;19(10):1015-30

Estimates of the demand for health: males in the pre-retirement years. Lairson D, et al. **Soc Sci Med** 1984;19(7):741-7

Econometric models and the study of the economic effects of Social Security. Hambor JC. **Soc Secur Bull** 1984 Oct;47(10):3-8

The bootstrap and identification of prognostic factors via Cox's proportional hazards regression model. Chen CH, et al. **Stat Med** 1985 Jan-Mar;4(1):39-46

Dynamic evaluation of short-term prognosis after myocardial infarction. Hougaard P, et al. **Stat Med** 1985 Jan-Mar;4(1):29-38

Dose-response analysis of combination preparations. Unkelbach HD, et al. **Stat Med** 1985 Jan-Mar;4(1):77-85

The effect of a hypoxic cell sensitizer on cancer radiotherapy: an analysis by a model. Okumura Y, et al. **Strahlentherapie** 1984 Oct;160(10):620-3

A model for health projections using knowledgeable informants. Levine A. **World Health Stat Q** 1984;37(3):306-17 **(Eng, Fre)**

Methods and issues in the projection of population health status. Manton KG. **World Health Stat Q** 1984;37(3):294-305 **(Eng, Fre)**

[A mathematical model of the age-specific prevalence of hypertension] Pan XQ. **Chung Hua Liu Hsing Ping Hsueh Tsa Chih** 1985 Apr;6(2):103-7 (Eng. Abstr.) **(Chi)**

[A mathematical model of influenza epidemics] Holáň V, et al. **Cas Lek Cesk** 1985 Jan 25;124(4):114-7 (Eng. Abstr.) **(Cze)**

[The distribution of the use of addictive drugs according to the Sully Ledermann model] Nahas G. **Bull Acad Natl Med (Paris)** 1984 Jan-Feb;168(1-2):195-201 (Eng. Abstr.) **(Fre)**

[A new procedure for estimating the distribution of measured values--demonstrated by morphometric examples] Peil J, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):793-800 (Eng. Abstr.) **(Ger)**

[Nonparametric estimation of 1-dimensional continuous distribution density functions using the continuous LOLINREG approximation] Schmerling S, et al. **Gegenbaurs Morphol Jahrb** 1984;130(6):779-92 (Eng. Abstr.) **(Ger)**

[Influence of external sources on SO2 emission in Berlin (West)] Fett W. **Schriftenr Ver Wasser Boden Lufthyg** 1984;59:145-64 **(Ger)**

[Model for evaluating hazardous substances in water and its possibilities for application] Trénel J. **Schriftenr Ver Wasser Boden Lufthyg** 1984;57:75-80 **(Ger)**

[A deductive model of historic anthropology. Contribution to an ecosystemic interpretation] Grupe G. **Z Morphol Anthropol** 1985;75(2):189-95 (Eng. Abstr.) **(Ger)**

[The problem of modelling in pharmacology] Zakusov VV. **Biull Eksp Biol Med** 1985 Jun;99(6):757-60 **(Rus)**

[Elaboration of a model of maximum permissible levels of emissions for chemical industrial plants] Ivanov II, et al. **Gig Sanit** 1985 Feb;(2):63-5 **(Rus)**

[Hygienic aspects of an information model of noise] Kolganov AV, et al. **Gig Sanit** 1985 Jun;(6):19-22 (Eng. Abstr.) **(Rus)**

[Automation of the planning of public health resources based on the use of mathematical models and computers] Loginov BR. **Sov Zdravookhr** 1985;(1):19-24 **(Rus)**

[Current methods of modeling used to determine the objectives of public health administration] Timonin VM. **Sov Zdravookhr** 1984;(5):8-14 **(Rus)**

[Use of models in the epidemiology of traffic injuries] Sokić S. **Srp Arh Celok Lek** 1984 Apr;112(4):427-33 (Eng. Abstr.) **(Scc)**

[A contemporary model of environmental health sciences: its application in the recruitment of faculty and in academic development] Guidotti TL, et al. **Educ Med Salud** 1985;19(2):173-86 (Eng. Abstr.) **(Spa)**

[Research on models of surgical care: the 'Simplified Surgery System' program] Vélez Gil A, et al. **Educ Med Salud** 1984;18(3):274-87 (Eng. Abstr.) **(Spa)**

[Truth and error in medicine] Jinich H, et al. **Gac Med Mex** 1984 Apr;120(4):133-44 **(Spa)**

MOHAMMEDANISM see **ISLAM**

MOLAR

Treatment of children with ectopic eruption of the maxillary first permanent molar by cervical traction. Kurol J, et al. **Am J Orthod** 1984 Dec;86(6):483-92

In vitro assessment of marginal leakage of sealants placed in permanent molars with different etching times. Fuks AB, et al. **ASDC J Dent Child** 1984 Nov-Dec;51(6):425-7

Impacted maxillary second permanent molars. Ranta R. **ASDC J Dent Child** 1985 Jan-Feb;52(1):48-51

Management of ectopically erupting first permanent molars. Rust RD, et al. **ASDC J Dent Child** 1985 Jan-Feb;52(1):55-6

Asymmetry of caries attack on the occlusal surfaces of first permanent molar teeth. Wood PF. **Aust Dent J** 1985 Apr;30(2):123-7

'The longevity of occlusal amalgam restorations in first permanent molars of child patients' [letter] Stanley A. **Br Dent J** 1985 Mar 23;158(6):201

The longevity of occlusal amalgam restorations in first permanent molars of child patients. Walls AW, et al. **Br Dent J** 1985 Feb 23;158(4):133-6

Root resorption: the aggressive, unerupted second premolar. Tracey C, et al. **Br J Orthod** 1985 Apr;12(2):97-101

Clinical evaluation of a composite resin in primary molars. **J Am Dent Assoc** 1985 May;110(5):768

Three-year evaluation of sealant: effect of isolation on efficacy. Straffon LH, et al. **J Am Dent Assoc** 1985 May;110(5):714-7

Two-year clinical evaluation of light-cured composite resin restorations in primary molars. Tonn EM, et al. **J Am Dent Assoc** 1985 Jul;111(1):44-8

Asymptomatic impacted mandibular third molar in the subcondylar-sigmoid notch region associated with extensive sclerotic bone. Granite EL, et al. **J Oral Med** 1985 Apr-Jun;40(2):91-2, 97

Root surface measurements of the mandibular first molar. Dunlap RM, et al. **J Periodontol** 1985 Apr;56(4):234-8

Molar and nonmolar teeth compared over 6 1/2 years following two methods of periodontal therapy. Pihlstrom BL, et al. **J Periodontol** 1984 Sep;55(9):499-504

Effect of complete veneer crowns on the compressive strength of endodontically treated posterior teeth. Gelfand M, et al. **J Prosthet Dent** 1984 Nov;52(5):635-8

Biting the bullet. Snyder WC, et al. **Oral Surg Oral Med Oral Pathol** 1985 Sep;60(3):347

[Dental composites in the premolar and molar region, 1984] Vanherle G. **Rev Belge Med Dent** 1985 Jan-Feb;40(1):26-7 **(Fre)**

[Bonded enamel bridge in replacement of a maxillary molar] Miara P, et al. **Rev Odontostomatol (Paris)** 1984 May-Jun;13(3):186-90 **(Fre)**

[Correction of overbite: extrusion of the molars or intrusion of the incisors?] Dermaut L, et al. **Schweiz Monatsschr Zahnmed** 1984 Jun;94(6):531-49 (Eng. Abstr.) **(Fre)**

[Undermining resorption of the 2d deciduous molar by the permanent molars as a microsymptom of hereditary dentition disorders] Hoffmeister H. **Schweiz Monatsschr Zahnmed** 1985 Feb;95(2):151-4 (Eng. Abstr.) **(Ger)**

ABNORMALITIES

Classificatory reliability of the Carabelli trait in man. Kieser JA, et al. **Arch Oral Biol** 1984;29(10):795-801

Multiple localized root agenesis. Held M, et al. **ASDC J Dent Child** 1985 Jan-Feb;52(1):45-7

Congenitally missing first permanent molars: unusual course of development. Järvinen S. **ASDC J Dent Child** 1984 Sep-Oct;51(5):374-5

Hereditary agenesis of ten maxillary posterior teeth: a family history. Ranta R. **ASDC J Dent Child** 1985 Mar-Apr;52(2):125-7

The paramolar tubercle: a morphological anomaly with clinical considerations. Magalee RE, et al. **NY State Dent J** 1984 Nov;50(9):564, 566

Pregnant molar. Goebel G. **Oral Surg Oral Med Oral Pathol** 1985 Feb;59(2):227

Pyramidal molars. Uneoka M, et al. **Oral Surg Oral Med Oral Pathol** 1985 Apr;59(4):433

[Taurodontism studies in Senegal] Moreau JL, et al. **Schweiz Monatsschr Zahnmed** 1985 Jun;95(6):515-21 (Eng. Abstr.) **(Fre)**

[Presence of accessory foramina in permanent molars] Borio PS, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):347-50 (Eng. Abstr.) **(Ita)**

ANATOMY & HISTOLOGY

Maxillary skeletal and dental change with Fränkel appliance therapy--an implant study. Brieden CM, et al. **Angle Orthod** 1984 Jul;54(3):226-32

Third molar changes following second molar extractions. Cavanaugh JJ. **Angle Orthod** 1985 Jan;55(1):70-6

Lower molar crowding in the early permanent dentition. Richardson ME. **Angle Orthod** 1985 Jan;55(1):51-7

Three-dimensional measurements of the occlusal surfaces of upper molars in a Dutch population. Kanazawa E, et al. **J Dent Res** 1984 Nov;63(11):1298-301

Linear variation of the root surface area of the maxillary first molar. Gher MW Jr, et al. **J Periodontol** 1985 Jan;56(1):39-43

[A study of lateral root canals in the first and second molar] Xi HS. **Chung Hua Kou Chiang Ko Tsa Chih** 1985 Mar;20(2):88-90, 126-7 (Eng. Abstr.) **(Chi)**

[Enamel projections in human molars. Their incidence and distribution] Praglia E, et al. **Minerva Stomatol** 1985 Mar-Apr;34(2):343-6 (Eng. Abstr.) **(Ita)**

DRUG EFFECTS

The caries-preventive effect of a fluoride varnish in the fissures of the first permanent molar. Holm GB, et al. **Acta Odontol Scand** 1984 Aug;42(4):193-7

Tooth wear, solubility and fluoride concentration of molar-tooth surfaces in rats maintained on simultaneous or separate intake of food and fluoridated drinking water. Markitziu A, et al. **Arch Oral Biol** 1985;30(2):167-9

Effect of topical application of citric acid in the treatment of furcation involvement in human lower molars. Parodi RJ, et al. **J Clin Periodontol** 1984 Nov;11(10):644-51

✩ U.S. GOVERNMENT PRINTING OFFICE: 1986-493-784